

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: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

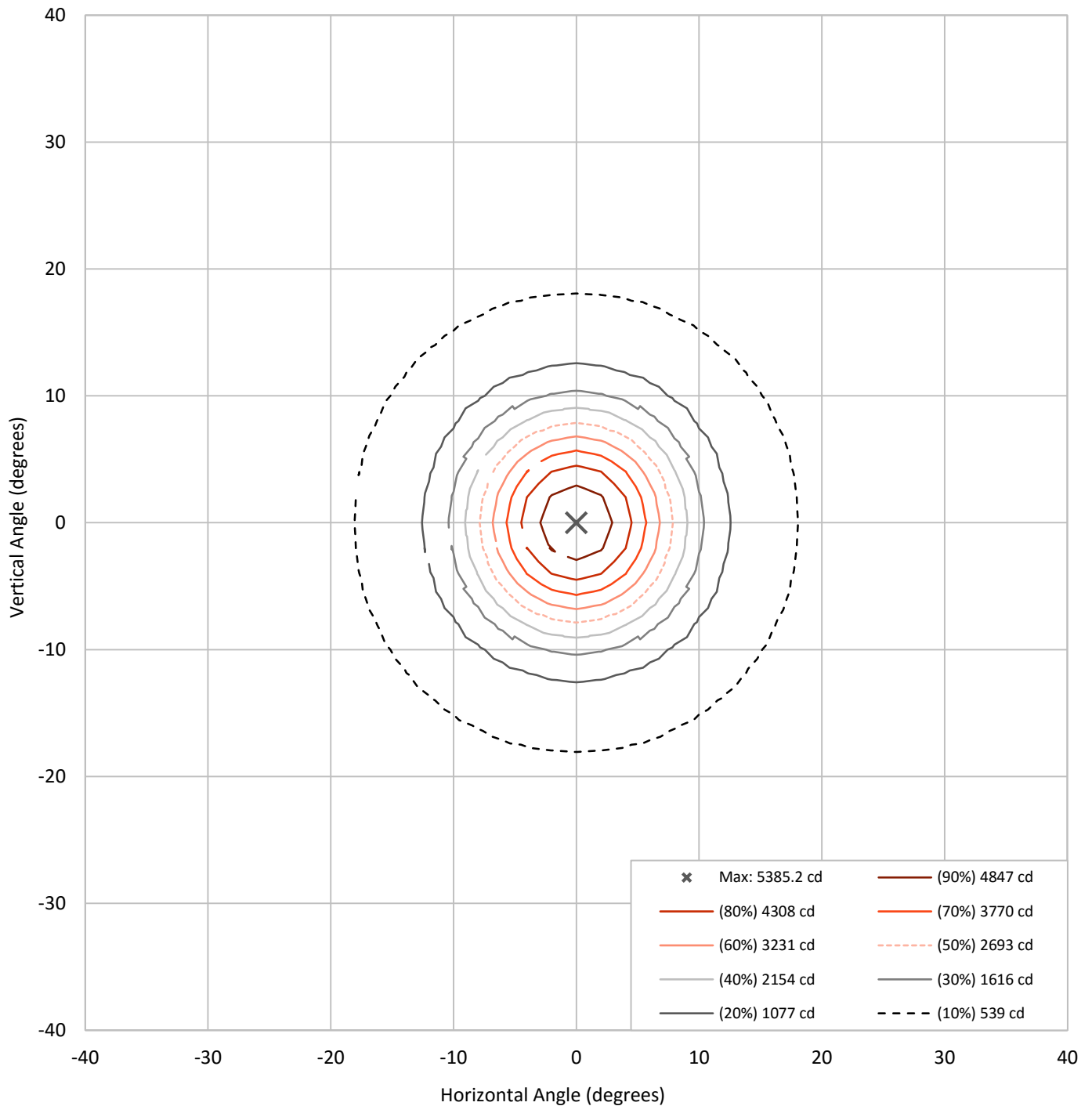
Test Method: LM-79-08  
Report Number: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT  
OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	734.4 lumens	Max Intensity:	5385.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.8°H x 15.8°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	224.1 lumens	Field Lumens:	494.5 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





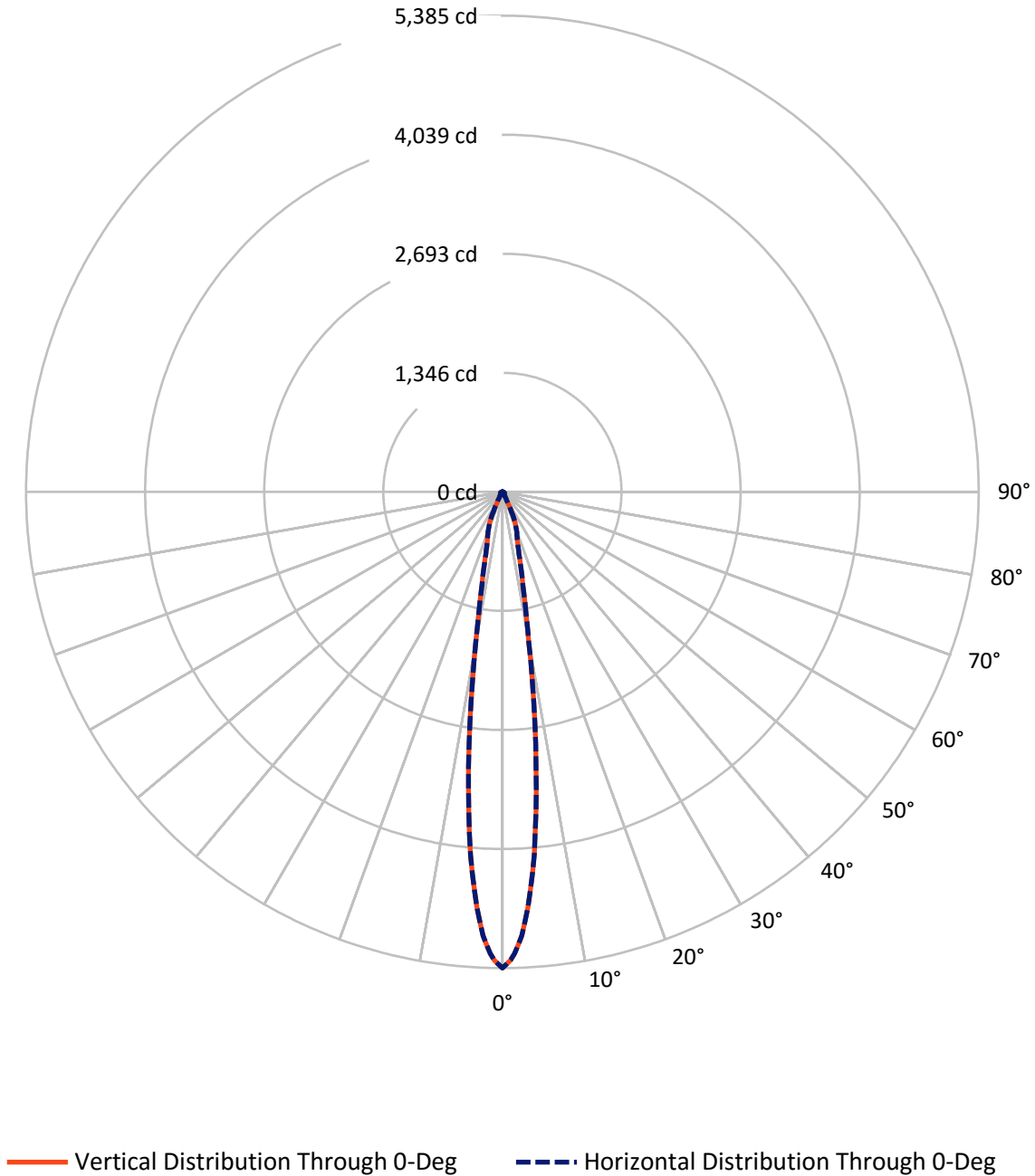
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### Lumen Table

90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.8	0.8	0.9	0.9	0.8	0.8	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.6	0.4	0.2				
30	0.2	0.2	0.4	0.6	0.8	1.1	2.7	6.3	6.3	2.7	1.1	0.8	0.6	0.4	0.2	0.2			
20		0.2	0.5	0.6	0.8	2.6	12.0	22.2	22.2	12.0	2.6	0.8	0.6	0.5	0.2				
10	0.2	0.2	0.5	0.6	0.9	5.8	21.6	86.2	86.2	21.6	5.8	0.9	0.6	0.5	0.2	0.2			
0		0.2	0.5	0.6	0.9	5.8	21.6	86.2	86.2	21.6	5.8	0.9	0.6	0.5	0.2				
-10	0.2	0.2	0.5	0.6	0.8	2.6	12.0	22.2	22.2	12.0	2.6	0.8	0.6	0.5	0.2	0.2			
-20		0.2	0.4	0.6	0.8	1.1	2.7	6.3	6.3	2.7	1.1	0.8	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.6	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.7	0.8	0.8	0.9	0.9	0.8	0.8	0.7	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1				
-70	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0						0.0				
-80		0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
-90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0						0.0				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

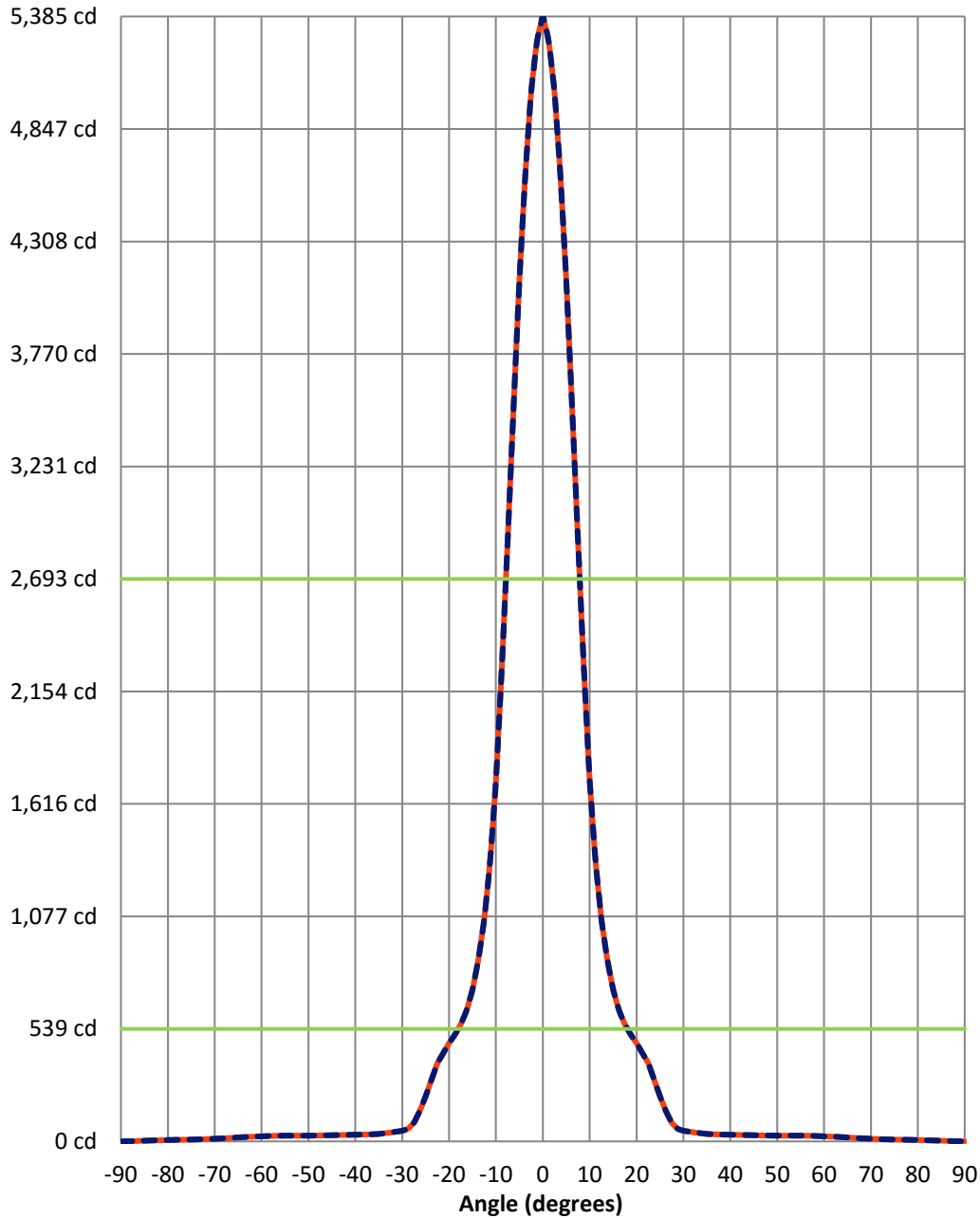
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 15.8°  
 V Angle: 15.8°  
 Lumens: 224.1  
 Efficiency: 30.5%

**Field:**  
 H Angle: 36.1°  
 V Angle: 36.1°  
 Lumens: 494.5  
 Efficiency: 67.3%

**Spill:**  
 Lumens: 239.9  
 Efficiency: 32.7%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.5	1.0	1.7	2.6	3.4	4.1	4.8	5.4	6.1	6.7
32.5°	0.0	0.5	1.0	1.8	2.6	3.5	4.1	4.8	5.5	6.2	6.8
31.25°	0.0	0.5	1.0	1.8	2.7	3.5	4.2	4.9	5.6	6.2	6.8
30°	0.0	0.5	1.0	1.8	2.7	3.6	4.3	4.9	5.6	6.3	6.9
28.75°	0.0	0.5	1.1	1.9	2.8	3.6	4.3	5.0	5.7	6.4	7.0
27.5°	0.0	0.5	1.1	1.9	2.8	3.6	4.4	5.1	5.8	6.5	7.1
26.25°	0.0	0.5	1.1	1.9	2.9	3.7	4.4	5.1	5.8	6.5	7.1
25°	0.0	0.5	1.1	2.0	2.9	3.7	4.4	5.2	5.9	6.6	7.2
23.75°	0.0	0.5	1.1	2.0	2.9	3.8	4.5	5.2	6.0	6.6	7.2
22.5°	0.0	0.6	1.1	2.0	3.0	3.8	4.5	5.3	6.0	6.7	7.3
21.25°	0.0	0.6	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.7	7.4
20°	0.0	0.6	1.1	2.1	3.0	3.9	4.6	5.4	6.1	6.8	7.4
18.75°	0.0	0.6	1.1	2.1	3.1	3.9	4.6	5.4	6.2	6.8	7.4
17.5°	0.0	0.6	1.1	2.1	3.1	3.9	4.7	5.4	6.2	6.9	7.5
16.25°	0.0	0.6	1.2	2.1	3.1	3.9	4.7	5.5	6.2	6.9	7.5
15°	0.0	0.6	1.2	2.1	3.2	4.0	4.7	5.5	6.3	6.9	7.6
13.75°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.5	6.3	7.0	7.6
12.5°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.6	6.3	7.0	7.6
11.25°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.6	6.4	7.0	7.7
10°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.6	6.4	7.1	7.7
8.75°	0.0	0.6	1.2	2.2	3.3	4.1	4.8	5.6	6.4	7.1	7.7
7.5°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.4	7.1	7.7
6.25°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
5°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
3.75°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
2.5°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
1.25°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
0°	0.0	0.6	1.2	2.3	3.3	4.1	4.9	5.7	6.5	7.2	7.8
-1.25°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
-2.5°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
-3.75°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
-5°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
-6.25°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.1	7.8
-7.5°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.4	7.1	7.7
-8.75°	0.0	0.6	1.2	2.2	3.3	4.1	4.8	5.6	6.4	7.1	7.7
-10°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.6	6.4	7.1	7.7
-11.25°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.6	6.4	7.0	7.7
-12.5°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.6	6.3	7.0	7.6
-13.75°	0.0	0.6	1.2	2.2	3.2	4.0	4.8	5.5	6.3	7.0	7.6
-15°	0.0	0.6	1.2	2.1	3.2	4.0	4.7	5.5	6.3	6.9	7.6
-16.25°	0.0	0.6	1.2	2.1	3.1	3.9	4.7	5.5	6.2	6.9	7.5
-17.5°	0.0	0.6	1.1	2.1	3.1	3.9	4.7	5.4	6.2	6.9	7.5
-18.75°	0.0	0.6	1.1	2.1	3.1	3.9	4.6	5.4	6.2	6.8	7.4
-20°	0.0	0.6	1.1	2.1	3.0	3.9	4.6	5.4	6.1	6.8	7.4
-21.25°	0.0	0.6	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.7	7.4





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.6	1.1	2.0	3.0	3.8	4.5	5.3	6.0	6.7	7.3
-23.75°	0.0	0.5	1.1	2.0	2.9	3.8	4.5	5.2	6.0	6.6	7.2
-25°	0.0	0.5	1.1	2.0	2.9	3.7	4.4	5.2	5.9	6.6	7.2
-26.25°	0.0	0.5	1.1	1.9	2.9	3.7	4.4	5.1	5.8	6.5	7.1
-27.5°	0.0	0.5	1.1	1.9	2.8	3.6	4.4	5.1	5.8	6.5	7.1
-28.75°	0.0	0.5	1.1	1.9	2.8	3.6	4.3	5.0	5.7	6.4	7.0
-30°	0.0	0.5	1.0	1.8	2.7	3.6	4.3	4.9	5.6	6.3	6.9
-31.25°	0.0	0.5	1.0	1.8	2.7	3.5	4.2	4.9	5.6	6.2	6.8
-32.5°	0.0	0.5	1.0	1.8	2.6	3.5	4.1	4.8	5.5	6.2	6.8
-33.75°	0.0	0.5	1.0	1.7	2.6	3.4	4.1	4.8	5.4	6.1	6.7
-35°	0.0	0.5	1.0	1.7	2.5	3.4	4.0	4.7	5.3	6.0	6.6
-36.25°	0.0	0.5	1.0	1.6	2.5	3.3	4.0	4.6	5.3	5.9	6.5
-37.5°	0.0	0.5	1.0	1.6	2.4	3.3	3.9	4.5	5.2	5.8	6.4
-38.75°	0.0	0.5	0.9	1.6	2.4	3.2	3.8	4.5	5.1	5.7	6.3
-40°	0.0	0.5	0.9	1.5	2.3	3.1	3.8	4.4	5.0	5.6	6.2
-41.25°	0.0	0.5	0.9	1.5	2.3	3.0	3.7	4.3	4.9	5.5	6.1
-42.5°	0.0	0.4	0.9	1.4	2.2	3.0	3.6	4.2	4.8	5.4	6.0
-43.75°	0.0	0.4	0.9	1.4	2.1	2.9	3.6	4.1	4.7	5.3	5.9
-45°	0.0	0.4	0.8	1.3	2.1	2.8	3.5	4.1	4.6	5.2	5.7
-46.25°	0.0	0.4	0.8	1.3	2.0	2.7	3.4	4.0	4.5	5.1	5.6
-47.5°	0.0	0.4	0.8	1.2	1.9	2.6	3.3	3.9	4.4	4.9	5.5
-48.75°	0.0	0.4	0.8	1.2	1.9	2.6	3.2	3.8	4.3	4.8	5.4
-50°	0.0	0.4	0.8	1.2	1.8	2.5	3.1	3.7	4.2	4.7	5.2
-51.25°	0.0	0.4	0.8	1.1	1.7	2.4	3.0	3.6	4.1	4.6	5.1
-52.5°	0.0	0.4	0.7	1.1	1.7	2.3	2.9	3.5	4.0	4.5	4.9
-53.75°	0.0	0.4	0.7	1.1	1.6	2.2	2.8	3.4	3.9	4.3	4.8
-55°	0.0	0.3	0.7	1.0	1.5	2.1	2.7	3.3	3.8	4.2	4.7
-56.25°	0.0	0.3	0.7	1.0	1.4	2.0	2.6	3.2	3.6	4.1	4.5
-57.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	3.0	3.5	4.0	4.4
-58.75°	0.0	0.3	0.6	0.9	1.3	1.8	2.4	2.9	3.4	3.8	4.2
-60°	0.0	0.3	0.6	0.9	1.2	1.7	2.2	2.8	3.3	3.7	4.1
-61.25°	0.0	0.3	0.6	0.9	1.2	1.6	2.1	2.6	3.1	3.5	3.9
-62.5°	0.0	0.3	0.6	0.8	1.1	1.5	2.0	2.5	3.0	3.4	3.8
-63.75°	0.0	0.3	0.5	0.8	1.1	1.4	1.9	2.3	2.8	3.3	3.6
-65°	0.0	0.3	0.5	0.8	1.0	1.3	1.8	2.2	2.6	3.1	3.5
-66.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.6	2.1	2.5	2.9	3.3
-67.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.5	1.9	2.3	2.7	3.1
-68.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.4	1.8	2.1	2.5	2.9
-70°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.6	2.0	2.3	2.7
-71.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.8	2.1	2.5
-72.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6	1.9	2.2
-73.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.7	2.0
-75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.8
-76.25°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.6
-77.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.4



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-81.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-83.75°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-88.75°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
86.25°	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
83.75°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4
82.5°	0.9	0.9	1.0	1.1	1.2	1.2	1.4	1.5	1.6	1.8	1.9
81.25°	1.0	1.1	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.3
80°	1.1	1.3	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.6	2.8
78.75°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
77.5°	1.6	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.3	3.5	3.6
76.25°	1.8	2.1	2.3	2.5	2.8	3.0	3.3	3.4	3.6	3.8	4.0
75°	2.1	2.3	2.6	2.8	3.1	3.4	3.5	3.7	3.9	4.1	4.3
73.75°	2.3	2.6	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.7
72.5°	2.5	2.8	3.2	3.4	3.6	3.9	4.1	4.3	4.6	4.8	5.0
71.25°	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3
70°	3.0	3.4	3.6	3.9	4.1	4.4	4.7	4.9	5.2	5.4	5.7
68.75°	3.3	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.7	6.0
67.5°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.3
66.25°	3.6	3.9	4.2	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.6
65°	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.1	6.4	6.7	6.9
63.75°	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2
62.5°	4.1	4.5	4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.2	7.4
61.25°	4.3	4.7	5.1	5.4	5.8	6.2	6.5	6.8	7.1	7.4	7.7
60°	4.5	4.9	5.2	5.6	6.0	6.4	6.7	7.0	7.3	7.6	7.9
58.75°	4.6	5.0	5.4	5.8	6.2	6.6	6.9	7.3	7.6	7.9	8.0
57.5°	4.8	5.2	5.6	6.1	6.5	6.8	7.1	7.5	7.8	8.0	8.2
56.25°	5.0	5.4	5.8	6.3	6.6	7.0	7.3	7.7	7.9	8.1	8.4
55°	5.1	5.6	6.0	6.5	6.8	7.2	7.5	7.9	8.1	8.3	8.5
53.75°	5.3	5.7	6.2	6.6	7.0	7.4	7.7	8.0	8.2	8.4	8.7
52.5°	5.4	5.9	6.4	6.8	7.2	7.5	7.9	8.1	8.3	8.6	9.0
51.25°	5.6	6.1	6.5	6.9	7.3	7.7	8.0	8.2	8.5	8.8	9.3
50°	5.7	6.2	6.7	7.1	7.5	7.9	8.1	8.4	8.6	9.1	9.6
48.75°	5.9	6.4	6.8	7.2	7.7	8.0	8.2	8.5	8.9	9.4	9.9
47.5°	6.0	6.5	7.0	7.4	7.8	8.1	8.3	8.6	9.1	9.6	10.1
46.25°	6.2	6.7	7.1	7.5	7.9	8.2	8.4	8.8	9.3	9.9	10.5
45°	6.3	6.8	7.2	7.7	8.0	8.3	8.6	9.0	9.6	10.1	10.9
43.75°	6.4	6.9	7.4	7.8	8.1	8.4	8.7	9.3	9.8	10.5	11.3
42.5°	6.5	7.0	7.5	7.9	8.2	8.5	8.9	9.5	10.1	10.9	11.7
41.25°	6.7	7.1	7.6	8.0	8.3	8.6	9.1	9.7	10.3	11.2	12.1
40°	6.8	7.2	7.7	8.1	8.4	8.7	9.3	9.9	10.7	11.6	12.5
38.75°	6.9	7.4	7.8	8.1	8.4	8.9	9.5	10.1	11.0	11.9	12.9
37.5°	7.0	7.5	7.9	8.2	8.5	9.1	9.7	10.4	11.3	12.3	13.3
36.25°	7.0	7.6	8.0	8.3	8.6	9.2	9.9	10.7	11.7	12.6	13.7
35°	7.1	7.7	8.0	8.4	8.8	9.4	10.1	11.0	12.0	13.0	14.1



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	7.2	7.8	8.1	8.4	8.9	9.6	10.2	11.3	12.3	13.3	14.5
32.5°	7.3	7.8	8.2	8.5	9.1	9.7	10.5	11.5	12.6	13.7	14.8
31.25°	7.4	7.9	8.2	8.6	9.2	9.9	10.8	11.8	12.9	14.0	15.2
30°	7.5	7.9	8.3	8.7	9.3	10.0	11.0	12.1	13.2	14.3	15.5
28.75°	7.6	8.0	8.3	8.8	9.5	10.2	11.2	12.3	13.5	14.7	15.9
27.5°	7.6	8.0	8.4	8.9	9.6	10.4	11.5	12.5	13.7	15.0	16.3
26.25°	7.7	8.1	8.5	9.0	9.7	10.6	11.7	12.8	14.0	15.2	16.6
25°	7.8	8.1	8.5	9.1	9.8	10.8	11.9	13.0	14.3	15.5	17.0
23.75°	7.8	8.2	8.5	9.2	10.0	10.9	12.1	13.3	14.5	15.8	17.3
22.5°	7.9	8.2	8.6	9.3	10.1	11.1	12.3	13.5	14.8	16.1	17.6
21.25°	7.9	8.3	8.7	9.4	10.2	11.3	12.4	13.7	15.0	16.4	17.9
20°	7.9	8.3	8.8	9.5	10.3	11.4	12.6	13.9	15.2	16.7	18.2
18.75°	8.0	8.3	8.8	9.6	10.4	11.6	12.8	14.1	15.4	16.9	18.5
17.5°	8.0	8.4	8.9	9.7	10.6	11.7	12.9	14.3	15.6	17.2	18.7
16.25°	8.0	8.4	9.0	9.7	10.7	11.9	13.1	14.4	15.8	17.4	19.0
15°	8.0	8.4	9.0	9.8	10.8	12.0	13.3	14.6	16.0	17.6	19.2
13.75°	8.1	8.5	9.1	9.9	10.9	12.1	13.4	14.7	16.2	17.8	19.4
12.5°	8.1	8.5	9.1	9.9	11.0	12.2	13.5	14.9	16.4	18.0	19.6
11.25°	8.1	8.5	9.2	10.0	11.1	12.3	13.6	15.0	16.5	18.1	19.7
10°	8.1	8.5	9.2	10.0	11.2	12.4	13.7	15.1	16.6	18.3	19.9
8.75°	8.1	8.5	9.3	10.1	11.2	12.5	13.8	15.2	16.8	18.4	20.0
7.5°	8.2	8.6	9.3	10.1	11.3	12.5	13.9	15.3	16.9	18.5	20.1
6.25°	8.2	8.6	9.3	10.1	11.3	12.6	14.0	15.3	17.0	18.6	20.2
5°	8.2	8.6	9.4	10.2	11.4	12.6	14.0	15.4	17.0	18.7	20.3
3.75°	8.2	8.6	9.4	10.2	11.4	12.7	14.0	15.4	17.1	18.7	20.4
2.5°	8.2	8.6	9.4	10.2	11.4	12.7	14.1	15.5	17.1	18.8	20.4
1.25°	8.2	8.6	9.4	10.2	11.4	12.7	14.1	15.5	17.1	18.8	20.4
0°	8.2	8.6	9.4	10.2	11.5	12.7	14.1	15.5	17.2	18.8	20.5
-1.25°	8.2	8.6	9.4	10.2	11.4	12.7	14.1	15.5	17.1	18.8	20.4
-2.5°	8.2	8.6	9.4	10.2	11.4	12.7	14.1	15.5	17.1	18.8	20.4
-3.75°	8.2	8.6	9.4	10.2	11.4	12.7	14.0	15.4	17.1	18.7	20.4
-5°	8.2	8.6	9.4	10.2	11.4	12.6	14.0	15.4	17.0	18.7	20.3
-6.25°	8.2	8.6	9.3	10.1	11.3	12.6	14.0	15.3	17.0	18.6	20.2
-7.5°	8.2	8.6	9.3	10.1	11.3	12.5	13.9	15.3	16.9	18.5	20.1
-8.75°	8.1	8.5	9.3	10.1	11.2	12.5	13.8	15.2	16.8	18.4	20.0
-10°	8.1	8.5	9.2	10.0	11.2	12.4	13.7	15.1	16.6	18.3	19.9
-11.25°	8.1	8.5	9.2	10.0	11.1	12.3	13.6	15.0	16.5	18.1	19.7
-12.5°	8.1	8.5	9.1	9.9	11.0	12.2	13.5	14.9	16.4	18.0	19.6
-13.75°	8.1	8.5	9.1	9.9	10.9	12.1	13.4	14.7	16.2	17.8	19.4
-15°	8.0	8.4	9.0	9.8	10.8	12.0	13.3	14.6	16.0	17.6	19.2
-16.25°	8.0	8.4	9.0	9.7	10.7	11.9	13.1	14.4	15.8	17.4	19.0
-17.5°	8.0	8.4	8.9	9.7	10.6	11.7	12.9	14.3	15.6	17.2	18.7
-18.75°	8.0	8.3	8.8	9.6	10.4	11.6	12.8	14.1	15.4	16.9	18.5
-20°	7.9	8.3	8.8	9.5	10.3	11.4	12.6	13.9	15.2	16.7	18.2
-21.25°	7.9	8.3	8.7	9.4	10.2	11.3	12.4	13.7	15.0	16.4	17.9



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	7.9	8.2	8.6	9.3	10.1	11.1	12.3	13.5	14.8	16.1	17.6
-23.75°	7.8	8.2	8.5	9.2	10.0	10.9	12.1	13.3	14.5	15.8	17.3
-25°	7.8	8.1	8.5	9.1	9.8	10.8	11.9	13.0	14.3	15.5	17.0
-26.25°	7.7	8.1	8.5	9.0	9.7	10.6	11.7	12.8	14.0	15.2	16.6
-27.5°	7.6	8.0	8.4	8.9	9.6	10.4	11.5	12.5	13.7	15.0	16.3
-28.75°	7.6	8.0	8.3	8.8	9.5	10.2	11.2	12.3	13.5	14.7	15.9
-30°	7.5	7.9	8.3	8.7	9.3	10.0	11.0	12.1	13.2	14.3	15.5
-31.25°	7.4	7.9	8.2	8.6	9.2	9.9	10.8	11.8	12.9	14.0	15.2
-32.5°	7.3	7.8	8.2	8.5	9.1	9.7	10.5	11.5	12.6	13.7	14.8
-33.75°	7.2	7.8	8.1	8.4	8.9	9.6	10.2	11.3	12.3	13.3	14.5
-35°	7.1	7.7	8.0	8.4	8.8	9.4	10.1	11.0	12.0	13.0	14.1
-36.25°	7.0	7.6	8.0	8.3	8.6	9.2	9.9	10.7	11.7	12.6	13.7
-37.5°	7.0	7.5	7.9	8.2	8.5	9.1	9.7	10.4	11.3	12.3	13.3
-38.75°	6.9	7.4	7.8	8.1	8.4	8.9	9.5	10.1	11.0	11.9	12.9
-40°	6.8	7.2	7.7	8.1	8.4	8.7	9.3	9.9	10.7	11.6	12.5
-41.25°	6.7	7.1	7.6	8.0	8.3	8.6	9.1	9.7	10.3	11.2	12.1
-42.5°	6.5	7.0	7.5	7.9	8.2	8.5	8.9	9.5	10.1	10.9	11.7
-43.75°	6.4	6.9	7.4	7.8	8.1	8.4	8.7	9.3	9.8	10.5	11.3
-45°	6.3	6.8	7.2	7.7	8.0	8.3	8.6	9.0	9.6	10.1	10.9
-46.25°	6.2	6.7	7.1	7.5	7.9	8.2	8.4	8.8	9.3	9.9	10.5
-47.5°	6.0	6.5	7.0	7.4	7.8	8.1	8.3	8.6	9.1	9.6	10.1
-48.75°	5.9	6.4	6.8	7.2	7.7	8.0	8.2	8.5	8.9	9.4	9.9
-50°	5.7	6.2	6.7	7.1	7.5	7.9	8.1	8.4	8.6	9.1	9.6
-51.25°	5.6	6.1	6.5	6.9	7.3	7.7	8.0	8.2	8.5	8.8	9.3
-52.5°	5.4	5.9	6.4	6.8	7.2	7.5	7.9	8.1	8.3	8.6	9.0
-53.75°	5.3	5.7	6.2	6.6	7.0	7.4	7.7	8.0	8.2	8.4	8.7
-55°	5.1	5.6	6.0	6.5	6.8	7.2	7.5	7.9	8.1	8.3	8.5
-56.25°	5.0	5.4	5.8	6.3	6.6	7.0	7.3	7.7	7.9	8.1	8.4
-57.5°	4.8	5.2	5.6	6.1	6.5	6.8	7.1	7.5	7.8	8.0	8.2
-58.75°	4.6	5.0	5.4	5.8	6.2	6.6	6.9	7.3	7.6	7.9	8.0
-60°	4.5	4.9	5.2	5.6	6.0	6.4	6.7	7.0	7.3	7.6	7.9
-61.25°	4.3	4.7	5.1	5.4	5.8	6.2	6.5	6.8	7.1	7.4	7.7
-62.5°	4.1	4.5	4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.2	7.4
-63.75°	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2
-65°	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.1	6.4	6.7	6.9
-66.25°	3.6	3.9	4.2	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.6
-67.5°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.3
-68.75°	3.3	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.7	6.0
-70°	3.0	3.4	3.6	3.9	4.1	4.4	4.7	4.9	5.2	5.4	5.7
-71.25°	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.3
-72.5°	2.5	2.8	3.2	3.4	3.6	3.9	4.1	4.3	4.6	4.8	5.0
-73.75°	2.3	2.6	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.7
-75°	2.1	2.3	2.6	2.8	3.1	3.4	3.5	3.7	3.9	4.1	4.3
-76.25°	1.8	2.1	2.3	2.5	2.8	3.0	3.3	3.4	3.6	3.8	4.0
-77.5°	1.6	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.3	3.5	3.6



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
-80°	1.1	1.3	1.4	1.6	1.8	2.0	2.1	2.3	2.5	2.6	2.8
-81.25°	1.0	1.1	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.3
-82.5°	0.9	0.9	1.0	1.1	1.2	1.2	1.4	1.5	1.6	1.8	1.9
-83.75°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4
-85°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
-86.25°	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-88.75°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
87.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
86.25°	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
83.75°	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
82.5°	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
81.25°	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7
80°	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2
78.75°	3.4	3.5	3.7	3.8	4.0	4.1	4.2	4.3	4.5	4.6	4.7
77.5°	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1	5.2
76.25°	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.7
75°	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.2
73.75°	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5	6.7
72.5°	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.6	6.8	6.9	7.1
71.25°	5.6	5.8	6.0	6.2	6.5	6.6	6.8	7.0	7.2	7.3	7.5
70°	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.9
68.75°	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.1
67.5°	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.0	8.1	8.2	8.4
66.25°	6.9	7.1	7.3	7.6	7.8	7.9	8.1	8.2	8.3	8.5	8.6
65°	7.2	7.4	7.6	7.9	8.0	8.1	8.3	8.4	8.6	8.8	9.1
63.75°	7.4	7.7	7.9	8.0	8.2	8.4	8.5	8.7	9.0	9.3	9.6
62.5°	7.7	7.9	8.1	8.2	8.4	8.6	8.8	9.1	9.4	9.8	10.1
61.25°	7.9	8.1	8.3	8.4	8.6	8.9	9.2	9.6	9.9	10.2	10.7
60°	8.1	8.3	8.4	8.6	9.0	9.3	9.7	10.0	10.4	10.9	11.4
58.75°	8.2	8.4	8.6	9.0	9.4	9.7	10.1	10.6	11.1	11.6	12.2
57.5°	8.4	8.6	9.0	9.4	9.7	10.1	10.6	11.2	11.8	12.4	12.9
56.25°	8.6	8.9	9.3	9.7	10.1	10.7	11.3	11.9	12.5	13.1	13.7
55°	8.8	9.2	9.7	10.1	10.6	11.3	11.9	12.5	13.2	13.9	14.5
53.75°	9.1	9.6	10.0	10.6	11.2	11.9	12.5	13.2	13.9	14.6	15.3
52.5°	9.4	9.9	10.4	11.1	11.8	12.5	13.2	13.9	14.7	15.4	16.2
51.25°	9.8	10.2	10.9	11.6	12.4	13.1	13.9	14.6	15.4	16.2	17.1
50°	10.1	10.7	11.4	12.2	12.9	13.7	14.5	15.3	16.2	17.1	18.0
48.75°	10.4	11.2	11.9	12.7	13.5	14.4	15.2	16.1	17.0	18.0	18.9
47.5°	10.9	11.7	12.4	13.3	14.1	15.0	15.9	16.9	17.9	18.8	19.8
46.25°	11.3	12.1	13.0	13.8	14.7	15.6	16.6	17.7	18.7	19.7	20.6
45°	11.8	12.6	13.5	14.4	15.3	16.3	17.4	18.4	19.5	20.5	21.5
43.75°	12.2	13.1	14.0	14.9	15.9	17.0	18.1	19.2	20.2	21.3	22.2
42.5°	12.6	13.6	14.5	15.5	16.6	17.7	18.8	19.9	21.0	22.1	22.7
41.25°	13.1	14.0	15.0	16.1	17.3	18.4	19.5	20.6	21.8	22.6	23.2
40°	13.5	14.5	15.5	16.7	17.9	19.0	20.2	21.4	22.3	23.0	23.7
38.75°	13.9	15.0	16.1	17.3	18.5	19.7	20.9	22.0	22.8	23.5	24.2
37.5°	14.4	15.4	16.6	17.9	19.1	20.3	21.5	22.5	23.2	23.9	24.8
36.25°	14.8	15.9	17.2	18.4	19.7	20.9	22.1	22.9	23.6	24.4	25.3
35°	15.2	16.4	17.7	19.0	20.3	21.5	22.5	23.3	24.0	24.9	25.9



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	15.6	16.9	18.2	19.5	20.8	22.1	22.9	23.7	24.5	25.5	26.4
32.5°	16.1	17.4	18.7	20.0	21.4	22.5	23.2	24.0	25.0	26.0	26.7
31.25°	16.5	17.9	19.2	20.6	21.9	22.8	23.6	24.5	25.5	26.5	26.9
30°	16.9	18.3	19.7	21.0	22.3	23.1	23.9	24.9	25.9	26.7	27.0
28.75°	17.3	18.7	20.1	21.5	22.6	23.4	24.3	25.3	26.4	26.9	27.2
27.5°	17.7	19.1	20.6	22.0	22.9	23.7	24.7	25.7	26.7	27.0	27.3
26.25°	18.1	19.5	21.0	22.3	23.1	24.0	25.1	26.1	26.8	27.1	27.4
25°	18.5	19.9	21.4	22.5	23.4	24.3	25.4	26.5	26.9	27.3	27.4
23.75°	18.8	20.3	21.8	22.8	23.7	24.7	25.8	26.7	27.0	27.4	27.4
22.5°	19.1	20.6	22.1	23.0	23.9	25.0	26.1	26.8	27.2	27.4	27.4
21.25°	19.4	21.0	22.3	23.2	24.2	25.3	26.4	26.9	27.3	27.4	27.4
20°	19.7	21.3	22.5	23.4	24.4	25.6	26.6	27.0	27.4	27.4	27.4
18.75°	20.0	21.6	22.7	23.6	24.7	25.8	26.7	27.1	27.4	27.4	27.4
17.5°	20.3	21.8	22.9	23.8	24.9	26.1	26.8	27.2	27.4	27.4	27.4
16.25°	20.5	22.1	23.0	24.0	25.2	26.3	26.9	27.3	27.4	27.4	27.4
15°	20.8	22.2	23.2	24.2	25.4	26.6	27.0	27.3	27.4	27.4	27.4
13.75°	21.0	22.4	23.3	24.4	25.6	26.7	27.0	27.4	27.4	27.4	27.4
12.5°	21.2	22.5	23.5	24.5	25.7	26.7	27.1	27.4	27.4	27.4	27.4
11.25°	21.3	22.6	23.6	24.7	25.9	26.8	27.2	27.4	27.4	27.4	27.4
10°	21.5	22.7	23.7	24.8	26.0	26.8	27.2	27.4	27.4	27.4	27.4
8.75°	21.6	22.8	23.8	24.9	26.2	26.9	27.3	27.4	27.4	27.4	27.4
7.5°	21.8	22.9	23.9	25.1	26.3	26.9	27.3	27.4	27.4	27.4	27.4
6.25°	21.9	23.0	23.9	25.1	26.4	26.9	27.3	27.4	27.4	27.4	27.4
5°	22.0	23.0	24.0	25.2	26.5	27.0	27.4	27.4	27.4	27.4	27.4
3.75°	22.0	23.0	24.0	25.3	26.5	27.0	27.4	27.4	27.4	27.4	27.4
2.5°	22.1	23.1	24.1	25.3	26.6	27.0	27.4	27.4	27.4	27.4	27.4
1.25°	22.1	23.1	24.1	25.3	26.6	27.0	27.4	27.4	27.4	27.4	27.4
0°	22.1	23.1	24.1	25.4	26.6	27.0	27.4	27.4	27.4	27.4	27.4
-1.25°	22.1	23.1	24.1	25.3	26.6	27.0	27.4	27.4	27.4	27.4	27.4
-2.5°	22.1	23.1	24.1	25.3	26.6	27.0	27.4	27.4	27.4	27.4	27.4
-3.75°	22.0	23.0	24.0	25.3	26.5	27.0	27.4	27.4	27.4	27.4	27.4
-5°	22.0	23.0	24.0	25.2	26.5	27.0	27.4	27.4	27.4	27.4	27.4
-6.25°	21.9	23.0	23.9	25.1	26.4	26.9	27.3	27.4	27.4	27.4	27.4
-7.5°	21.8	22.9	23.9	25.1	26.3	26.9	27.3	27.4	27.4	27.4	27.4
-8.75°	21.6	22.8	23.8	24.9	26.2	26.9	27.3	27.4	27.4	27.4	27.4
-10°	21.5	22.7	23.7	24.8	26.0	26.8	27.2	27.4	27.4	27.4	27.4
-11.25°	21.3	22.6	23.6	24.7	25.9	26.8	27.2	27.4	27.4	27.4	27.4
-12.5°	21.2	22.5	23.5	24.5	25.7	26.7	27.1	27.4	27.4	27.4	27.4
-13.75°	21.0	22.4	23.3	24.4	25.6	26.7	27.0	27.4	27.4	27.4	27.4
-15°	20.8	22.2	23.2	24.2	25.4	26.6	27.0	27.3	27.4	27.4	27.4
-16.25°	20.5	22.1	23.0	24.0	25.2	26.3	26.9	27.3	27.4	27.4	27.4
-17.5°	20.3	21.8	22.9	23.8	24.9	26.1	26.8	27.2	27.4	27.4	27.4
-18.75°	20.0	21.6	22.7	23.6	24.7	25.8	26.7	27.1	27.4	27.4	27.4
-20°	19.7	21.3	22.5	23.4	24.4	25.6	26.6	27.0	27.4	27.4	27.4
-21.25°	19.4	21.0	22.3	23.2	24.2	25.3	26.4	26.9	27.3	27.4	27.4





REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	19.1	20.6	22.1	23.0	23.9	25.0	26.1	26.8	27.2	27.4	27.4
-23.75°	18.8	20.3	21.8	22.8	23.7	24.7	25.8	26.7	27.0	27.4	27.4
-25°	18.5	19.9	21.4	22.5	23.4	24.3	25.4	26.5	26.9	27.3	27.4
-26.25°	18.1	19.5	21.0	22.3	23.1	24.0	25.1	26.1	26.8	27.1	27.4
-27.5°	17.7	19.1	20.6	22.0	22.9	23.7	24.7	25.7	26.7	27.0	27.3
-28.75°	17.3	18.7	20.1	21.5	22.6	23.4	24.3	25.3	26.4	26.9	27.2
-30°	16.9	18.3	19.7	21.0	22.3	23.1	23.9	24.9	25.9	26.7	27.0
-31.25°	16.5	17.9	19.2	20.6	21.9	22.8	23.6	24.5	25.5	26.5	26.9
-32.5°	16.1	17.4	18.7	20.0	21.4	22.5	23.2	24.0	25.0	26.0	26.7
-33.75°	15.6	16.9	18.2	19.5	20.8	22.1	22.9	23.7	24.5	25.5	26.4
-35°	15.2	16.4	17.7	19.0	20.3	21.5	22.5	23.3	24.0	24.9	25.9
-36.25°	14.8	15.9	17.2	18.4	19.7	20.9	22.1	22.9	23.6	24.4	25.3
-37.5°	14.4	15.4	16.6	17.9	19.1	20.3	21.5	22.5	23.2	23.9	24.8
-38.75°	13.9	15.0	16.1	17.3	18.5	19.7	20.9	22.0	22.8	23.5	24.2
-40°	13.5	14.5	15.5	16.7	17.9	19.0	20.2	21.4	22.3	23.0	23.7
-41.25°	13.1	14.0	15.0	16.1	17.3	18.4	19.5	20.6	21.8	22.6	23.2
-42.5°	12.6	13.6	14.5	15.5	16.6	17.7	18.8	19.9	21.0	22.1	22.7
-43.75°	12.2	13.1	14.0	14.9	15.9	17.0	18.1	19.2	20.2	21.3	22.2
-45°	11.8	12.6	13.5	14.4	15.3	16.3	17.4	18.4	19.5	20.5	21.5
-46.25°	11.3	12.1	13.0	13.8	14.7	15.6	16.6	17.7	18.7	19.7	20.6
-47.5°	10.9	11.7	12.4	13.3	14.1	15.0	15.9	16.9	17.9	18.8	19.8
-48.75°	10.4	11.2	11.9	12.7	13.5	14.4	15.2	16.1	17.0	18.0	18.9
-50°	10.1	10.7	11.4	12.2	12.9	13.7	14.5	15.3	16.2	17.1	18.0
-51.25°	9.8	10.2	10.9	11.6	12.4	13.1	13.9	14.6	15.4	16.2	17.1
-52.5°	9.4	9.9	10.4	11.1	11.8	12.5	13.2	13.9	14.7	15.4	16.2
-53.75°	9.1	9.6	10.0	10.6	11.2	11.9	12.5	13.2	13.9	14.6	15.3
-55°	8.8	9.2	9.7	10.1	10.6	11.3	11.9	12.5	13.2	13.9	14.5
-56.25°	8.6	8.9	9.3	9.7	10.1	10.7	11.3	11.9	12.5	13.1	13.7
-57.5°	8.4	8.6	9.0	9.4	9.7	10.1	10.6	11.2	11.8	12.4	12.9
-58.75°	8.2	8.4	8.6	9.0	9.4	9.7	10.1	10.6	11.1	11.6	12.2
-60°	8.1	8.3	8.4	8.6	9.0	9.3	9.7	10.0	10.4	10.9	11.4
-61.25°	7.9	8.1	8.3	8.4	8.6	8.9	9.2	9.6	9.9	10.2	10.7
-62.5°	7.7	7.9	8.1	8.2	8.4	8.6	8.8	9.1	9.4	9.8	10.1
-63.75°	7.4	7.7	7.9	8.0	8.2	8.4	8.5	8.7	9.0	9.3	9.6
-65°	7.2	7.4	7.6	7.9	8.0	8.1	8.3	8.4	8.6	8.8	9.1
-66.25°	6.9	7.1	7.3	7.6	7.8	7.9	8.1	8.2	8.3	8.5	8.6
-67.5°	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.0	8.1	8.2	8.4
-68.75°	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.1
-70°	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.9
-71.25°	5.6	5.8	6.0	6.2	6.5	6.6	6.8	7.0	7.2	7.3	7.5
-72.5°	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.6	6.8	6.9	7.1
-73.75°	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5	6.7
-75°	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.2
-76.25°	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.7
-77.5°	3.8	3.9	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1	5.2



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.4	3.5	3.7	3.8	4.0	4.1	4.2	4.3	4.5	4.6	4.7
-80°	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2
-81.25°	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7
-82.5°	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
-83.75°	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
-85°	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
-86.25°	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2
-87.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
85°	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4	2.5
83.75°	2.6	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3
82.5°	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	4.0
81.25°	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.5	4.5	4.6
80°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
78.75°	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
77.5°	5.4	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.3	6.4	6.5
76.25°	5.9	6.0	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.0
75°	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.4	7.5	7.6
73.75°	6.8	7.0	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0
72.5°	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3
71.25°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5	8.6
70°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.9	9.1	9.2
68.75°	8.2	8.3	8.4	8.6	8.7	8.9	9.1	9.3	9.5	9.7	9.9
67.5°	8.5	8.6	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.7
66.25°	8.9	9.1	9.3	9.6	9.8	10.1	10.3	10.7	11.0	11.3	11.7
65°	9.4	9.6	9.9	10.1	10.5	10.9	11.2	11.6	11.9	12.3	12.6
63.75°	9.9	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7
62.5°	10.4	10.9	11.3	11.8	12.2	12.6	13.1	13.5	13.9	14.4	14.8
61.25°	11.2	11.7	12.1	12.6	13.1	13.6	14.0	14.5	15.0	15.4	15.9
60°	11.9	12.4	13.0	13.5	14.0	14.5	15.0	15.5	16.1	16.6	17.2
58.75°	12.7	13.3	13.8	14.4	14.9	15.5	16.1	16.7	17.3	17.9	18.4
57.5°	13.5	14.1	14.7	15.3	15.9	16.6	17.3	17.9	18.5	19.1	19.7
56.25°	14.4	15.0	15.6	16.3	17.0	17.7	18.4	19.0	19.7	20.3	20.9
55°	15.2	15.9	16.6	17.4	18.1	18.8	19.5	20.2	20.9	21.5	22.1
53.75°	16.1	16.9	17.7	18.4	19.2	19.9	20.6	21.4	22.0	22.5	22.9
52.5°	17.0	17.9	18.7	19.5	20.2	21.0	21.8	22.3	22.8	23.2	23.6
51.25°	18.0	18.8	19.7	20.5	21.3	22.1	22.6	23.0	23.5	23.9	24.4
50°	18.9	19.8	20.6	21.5	22.2	22.7	23.2	23.7	24.2	24.8	25.3
48.75°	19.8	20.7	21.6	22.3	22.9	23.4	23.9	24.4	25.0	25.6	26.2
47.5°	20.7	21.6	22.4	22.9	23.5	24.0	24.6	25.3	25.9	26.5	26.8
46.25°	21.6	22.4	23.0	23.5	24.1	24.8	25.4	26.1	26.6	26.8	27.0
45°	22.3	22.9	23.5	24.1	24.8	25.5	26.2	26.7	26.9	27.1	27.3
43.75°	22.9	23.5	24.1	24.8	25.6	26.3	26.7	27.0	27.2	27.4	27.4
42.5°	23.4	24.0	24.8	25.5	26.3	26.7	27.0	27.2	27.4	27.4	27.4
41.25°	23.9	24.6	25.4	26.2	26.7	27.0	27.2	27.4	27.4	27.4	27.4
40°	24.4	25.3	26.1	26.7	27.0	27.2	27.4	27.4	27.4	27.4	27.4
38.75°	25.0	25.9	26.6	26.9	27.2	27.4	27.4	27.4	27.4	27.4	27.4
37.5°	25.6	26.5	26.8	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4
36.25°	26.2	26.8	27.0	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.6
35°	26.7	27.0	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.6	27.8



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	26.8	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.8	28.1
32.5°	27.0	27.3	27.4	27.4	27.4	27.4	27.4	27.5	27.8	28.0	28.4
31.25°	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.7	28.0	28.3	28.8
30°	27.3	27.4	27.4	27.4	27.4	27.4	27.6	27.9	28.2	28.7	29.1
28.75°	27.4	27.4	27.4	27.4	27.4	27.5	27.8	28.1	28.5	29.0	29.5
27.5°	27.4	27.4	27.4	27.4	27.4	27.7	28.0	28.4	28.9	29.4	29.8
26.25°	27.4	27.4	27.4	27.4	27.5	27.8	28.2	28.7	29.2	29.7	30.1
25°	27.4	27.4	27.4	27.4	27.7	28.0	28.4	29.0	29.5	30.0	30.4
23.75°	27.4	27.4	27.4	27.5	27.8	28.2	28.7	29.3	29.8	30.3	30.7
22.5°	27.4	27.4	27.4	27.7	28.0	28.4	29.0	29.5	30.0	30.5	31.0
21.25°	27.4	27.4	27.4	27.8	28.1	28.7	29.2	29.8	30.3	30.8	31.3
20°	27.4	27.4	27.6	27.9	28.3	28.9	29.5	30.0	30.5	31.0	31.6
18.75°	27.4	27.4	27.7	28.1	28.5	29.1	29.7	30.2	30.7	31.3	31.8
17.5°	27.4	27.4	27.8	28.2	28.7	29.3	29.9	30.4	31.0	31.5	32.0
16.25°	27.4	27.5	27.9	28.3	28.9	29.5	30.1	30.6	31.2	31.7	32.3
15°	27.4	27.6	28.0	28.5	29.1	29.7	30.3	30.8	31.4	31.9	32.5
13.75°	27.4	27.7	28.1	28.7	29.3	29.9	30.4	31.0	31.5	32.1	32.7
12.5°	27.4	27.8	28.2	28.8	29.4	30.0	30.6	31.1	31.7	32.3	32.8
11.25°	27.5	27.9	28.3	28.9	29.6	30.1	30.7	31.3	31.9	32.4	33.0
10°	27.6	27.9	28.4	29.1	29.7	30.2	30.8	31.4	32.0	32.6	33.2
8.75°	27.6	28.0	28.5	29.2	29.8	30.4	30.9	31.5	32.1	32.7	33.5
7.5°	27.7	28.1	28.6	29.2	29.9	30.4	31.0	31.6	32.2	32.8	33.7
6.25°	27.7	28.1	28.7	29.3	29.9	30.5	31.1	31.7	32.3	32.9	33.9
5°	27.7	28.1	28.7	29.4	30.0	30.6	31.2	31.8	32.4	33.0	34.1
3.75°	27.8	28.2	28.8	29.4	30.0	30.6	31.2	31.8	32.4	33.0	34.2
2.5°	27.8	28.2	28.8	29.5	30.1	30.7	31.3	31.9	32.5	33.1	34.3
1.25°	27.8	28.2	28.8	29.5	30.1	30.7	31.3	31.9	32.5	33.1	34.3
0°	27.8	28.2	28.9	29.5	30.1	30.7	31.3	31.9	32.5	33.1	34.4
-1.25°	27.8	28.2	28.8	29.5	30.1	30.7	31.3	31.9	32.5	33.1	34.3
-2.5°	27.8	28.2	28.8	29.5	30.1	30.7	31.3	31.9	32.5	33.1	34.3
-3.75°	27.8	28.2	28.8	29.4	30.0	30.6	31.2	31.8	32.4	33.0	34.2
-5°	27.7	28.1	28.7	29.4	30.0	30.6	31.2	31.8	32.4	33.0	34.1
-6.25°	27.7	28.1	28.7	29.3	29.9	30.5	31.1	31.7	32.3	32.9	33.9
-7.5°	27.7	28.1	28.6	29.2	29.9	30.4	31.0	31.6	32.2	32.8	33.7
-8.75°	27.6	28.0	28.5	29.2	29.8	30.4	30.9	31.5	32.1	32.7	33.5
-10°	27.6	27.9	28.4	29.1	29.7	30.2	30.8	31.4	32.0	32.6	33.2
-11.25°	27.5	27.9	28.3	28.9	29.6	30.1	30.7	31.3	31.9	32.4	33.0
-12.5°	27.4	27.8	28.2	28.8	29.4	30.0	30.6	31.1	31.7	32.3	32.8
-13.75°	27.4	27.7	28.1	28.7	29.3	29.9	30.4	31.0	31.5	32.1	32.7
-15°	27.4	27.6	28.0	28.5	29.1	29.7	30.3	30.8	31.4	31.9	32.5
-16.25°	27.4	27.5	27.9	28.3	28.9	29.5	30.1	30.6	31.2	31.7	32.3
-17.5°	27.4	27.4	27.8	28.2	28.7	29.3	29.9	30.4	31.0	31.5	32.0
-18.75°	27.4	27.4	27.7	28.1	28.5	29.1	29.7	30.2	30.7	31.3	31.8
-20°	27.4	27.4	27.6	27.9	28.3	28.9	29.5	30.0	30.5	31.0	31.6
-21.25°	27.4	27.4	27.4	27.8	28.1	28.7	29.2	29.8	30.3	30.8	31.3



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	27.4	27.4	27.4	27.7	28.0	28.4	29.0	29.5	30.0	30.5	31.0
-23.75°	27.4	27.4	27.4	27.5	27.8	28.2	28.7	29.3	29.8	30.3	30.7
-25°	27.4	27.4	27.4	27.4	27.7	28.0	28.4	29.0	29.5	30.0	30.4
-26.25°	27.4	27.4	27.4	27.4	27.5	27.8	28.2	28.7	29.2	29.7	30.1
-27.5°	27.4	27.4	27.4	27.4	27.4	27.7	28.0	28.4	28.9	29.4	29.8
-28.75°	27.4	27.4	27.4	27.4	27.4	27.5	27.8	28.1	28.5	29.0	29.5
-30°	27.3	27.4	27.4	27.4	27.4	27.4	27.6	27.9	28.2	28.7	29.1
-31.25°	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.7	28.0	28.3	28.8
-32.5°	27.0	27.3	27.4	27.4	27.4	27.4	27.4	27.5	27.8	28.0	28.4
-33.75°	26.8	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.8	28.1
-35°	26.7	27.0	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.6	27.8
-36.25°	26.2	26.8	27.0	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.6
-37.5°	25.6	26.5	26.8	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-38.75°	25.0	25.9	26.6	26.9	27.2	27.4	27.4	27.4	27.4	27.4	27.4
-40°	24.4	25.3	26.1	26.7	27.0	27.2	27.4	27.4	27.4	27.4	27.4
-41.25°	23.9	24.6	25.4	26.2	26.7	27.0	27.2	27.4	27.4	27.4	27.4
-42.5°	23.4	24.0	24.8	25.5	26.3	26.7	27.0	27.2	27.4	27.4	27.4
-43.75°	22.9	23.5	24.1	24.8	25.6	26.3	26.7	27.0	27.2	27.4	27.4
-45°	22.3	22.9	23.5	24.1	24.8	25.5	26.2	26.7	26.9	27.1	27.3
-46.25°	21.6	22.4	23.0	23.5	24.1	24.8	25.4	26.1	26.6	26.8	27.0
-47.5°	20.7	21.6	22.4	22.9	23.5	24.0	24.6	25.3	25.9	26.5	26.8
-48.75°	19.8	20.7	21.6	22.3	22.9	23.4	23.9	24.4	25.0	25.6	26.2
-50°	18.9	19.8	20.6	21.5	22.2	22.7	23.2	23.7	24.2	24.8	25.3
-51.25°	18.0	18.8	19.7	20.5	21.3	22.1	22.6	23.0	23.5	23.9	24.4
-52.5°	17.0	17.9	18.7	19.5	20.2	21.0	21.8	22.3	22.8	23.2	23.6
-53.75°	16.1	16.9	17.7	18.4	19.2	19.9	20.6	21.4	22.0	22.5	22.9
-55°	15.2	15.9	16.6	17.4	18.1	18.8	19.5	20.2	20.9	21.5	22.1
-56.25°	14.4	15.0	15.6	16.3	17.0	17.7	18.4	19.0	19.7	20.3	20.9
-57.5°	13.5	14.1	14.7	15.3	15.9	16.6	17.3	17.9	18.5	19.1	19.7
-58.75°	12.7	13.3	13.8	14.4	14.9	15.5	16.1	16.7	17.3	17.9	18.4
-60°	11.9	12.4	13.0	13.5	14.0	14.5	15.0	15.5	16.1	16.6	17.2
-61.25°	11.2	11.7	12.1	12.6	13.1	13.6	14.0	14.5	15.0	15.4	15.9
-62.5°	10.4	10.9	11.3	11.8	12.2	12.6	13.1	13.5	13.9	14.4	14.8
-63.75°	9.9	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.3	13.7
-65°	9.4	9.6	9.9	10.1	10.5	10.9	11.2	11.6	11.9	12.3	12.6
-66.25°	8.9	9.1	9.3	9.6	9.8	10.1	10.3	10.7	11.0	11.3	11.7
-67.5°	8.5	8.6	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.7
-68.75°	8.2	8.3	8.4	8.6	8.7	8.9	9.1	9.3	9.5	9.7	9.9
-70°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.9	9.1	9.2
-71.25°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5	8.6
-72.5°	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3
-73.75°	6.8	7.0	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0
-75°	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.4	7.5	7.6
-76.25°	5.9	6.0	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.0
-77.5°	5.4	5.5	5.6	5.7	5.9	6.0	6.1	6.2	6.3	6.4	6.5



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
-80°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
-81.25°	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.5	4.5	4.6
-82.5°	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.8	3.9	4.0
-83.75°	2.6	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3
-85°	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4	2.5
-86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
-87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
85°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
83.75°	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8
82.5°	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5
81.25°	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2	5.3
80°	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9	6.0	6.0
78.75°	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.7
77.5°	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.1	7.2	7.2	7.3
76.25°	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.8	7.9
75°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
73.75°	8.0	8.1	8.2	8.2	8.3	8.3	8.4	8.5	8.5	8.5	8.6
72.5°	8.4	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3
71.25°	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	10.0	10.1
70°	9.4	9.6	9.7	9.9	10.0	10.2	10.4	10.6	10.8	10.9	11.1
68.75°	10.1	10.2	10.5	10.8	11.0	11.2	11.5	11.7	11.9	12.1	12.3
67.5°	11.0	11.3	11.5	11.8	12.1	12.3	12.5	12.8	13.0	13.3	13.5
66.25°	12.0	12.3	12.6	12.9	13.2	13.5	13.7	14.0	14.3	14.5	14.8
65°	13.0	13.3	13.7	14.0	14.3	14.7	15.0	15.2	15.5	15.8	16.1
63.75°	14.1	14.5	14.8	15.2	15.5	15.9	16.3	16.6	17.0	17.3	17.6
62.5°	15.2	15.6	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.8	19.1
61.25°	16.4	16.9	17.4	17.9	18.3	18.7	19.1	19.5	19.9	20.3	20.6
60°	17.7	18.2	18.7	19.2	19.7	20.1	20.6	21.0	21.4	21.8	22.1
58.75°	19.0	19.5	20.0	20.6	21.0	21.5	22.0	22.3	22.5	22.8	23.0
57.5°	20.3	20.8	21.4	21.9	22.3	22.6	22.9	23.1	23.4	23.7	23.9
56.25°	21.5	22.1	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.7	25.0
55°	22.5	22.9	23.2	23.6	23.9	24.3	24.7	25.1	25.4	25.8	26.1
53.75°	23.3	23.7	24.0	24.5	24.9	25.3	25.7	26.1	26.5	26.7	26.8
52.5°	24.0	24.5	25.0	25.5	25.9	26.4	26.7	26.8	26.9	27.0	27.2
51.25°	24.9	25.5	26.0	26.5	26.7	26.9	27.0	27.1	27.3	27.4	27.4
50°	25.9	26.4	26.7	26.9	27.0	27.2	27.3	27.4	27.4	27.4	27.4
48.75°	26.7	26.8	27.0	27.2	27.3	27.4	27.4	27.4	27.4	27.4	27.4
47.5°	27.0	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
46.25°	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
45°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.7
43.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.7	27.8	28.0
42.5°	27.4	27.4	27.4	27.4	27.4	27.5	27.7	27.8	28.0	28.2	28.4
41.25°	27.4	27.4	27.4	27.4	27.6	27.8	28.0	28.2	28.4	28.7	29.0
40°	27.4	27.4	27.5	27.7	27.9	28.1	28.4	28.7	29.0	29.3	29.5
38.75°	27.4	27.5	27.8	28.0	28.2	28.5	28.9	29.2	29.5	29.8	30.0
37.5°	27.6	27.8	28.0	28.3	28.7	29.0	29.4	29.7	30.0	30.3	30.5
36.25°	27.8	28.1	28.4	28.8	29.1	29.5	29.8	30.1	30.4	30.7	31.0
35°	28.1	28.4	28.8	29.2	29.6	29.9	30.3	30.6	30.9	31.2	31.5



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	28.4	28.8	29.3	29.6	30.0	30.4	30.7	31.0	31.4	31.7	32.0
32.5°	28.8	29.3	29.7	30.0	30.4	30.8	31.1	31.5	31.8	32.2	32.5
31.25°	29.2	29.6	30.0	30.4	30.8	31.2	31.6	31.9	32.3	32.6	32.9
30°	29.6	30.0	30.4	30.8	31.2	31.6	32.0	32.4	32.7	33.1	33.7
28.75°	29.9	30.4	30.8	31.2	31.6	32.0	32.4	32.8	33.2	34.0	34.7
27.5°	30.3	30.7	31.1	31.6	32.0	32.4	32.8	33.3	34.1	34.9	35.7
26.25°	30.6	31.0	31.5	31.9	32.4	32.8	33.3	34.2	35.0	36.1	38.2
25°	30.9	31.4	31.8	32.3	32.7	33.2	34.1	35.0	36.2	38.5	40.7
23.75°	31.2	31.7	32.2	32.6	33.1	34.0	34.9	36.1	38.5	40.9	43.3
22.5°	31.5	32.0	32.5	32.9	33.7	34.7	35.7	38.2	40.7	43.3	46.1
21.25°	31.8	32.3	32.8	33.4	34.4	35.4	37.7	40.3	43.0	45.9	48.9
20°	32.1	32.6	33.1	34.1	35.1	36.9	39.6	42.3	45.4	48.5	52.0
18.75°	32.3	32.8	33.6	34.7	35.9	38.7	41.5	44.6	47.8	51.1	56.4
17.5°	32.6	33.1	34.1	35.2	37.5	40.4	43.4	46.8	50.1	55.0	67.8
16.25°	32.8	33.6	34.7	36.0	39.0	42.0	45.4	48.8	53.2	63.5	89.0
15°	33.0	34.0	35.2	37.4	40.5	43.7	47.3	50.9	57.5	76.4	116.1
13.75°	33.3	34.5	35.6	38.7	41.9	45.4	49.0	53.9	66.4	98.5	148.4
12.5°	33.7	34.9	36.8	40.0	43.2	47.0	50.7	57.8	79.5	123.9	182.0
11.25°	34.1	35.2	37.8	41.1	44.6	48.4	53.1	65.1	97.6	150.5	214.6
10°	34.4	35.6	38.8	42.1	45.9	49.7	55.3	72.5	117.0	177.6	246.6
8.75°	34.7	36.3	39.7	43.1	47.0	51.0	59.7	86.6	137.7	203.0	275.4
7.5°	34.9	37.0	40.4	44.0	48.0	52.7	64.7	99.0	155.9	226.1	300.9
6.25°	35.1	37.7	41.0	44.8	48.8	54.1	69.0	110.6	173.8	246.8	322.8
5°	35.3	38.2	41.6	45.4	49.5	55.2	74.2	122.9	188.9	264.0	341.0
3.75°	35.4	38.5	42.0	45.9	50.0	56.4	80.7	132.5	200.7	277.4	355.3
2.5°	35.5	38.8	42.3	46.3	50.4	58.3	85.4	139.4	209.2	287.1	365.6
1.25°	35.6	39.0	42.4	46.5	50.6	59.4	88.3	143.5	214.3	293.0	371.8
0°	35.6	39.1	42.5	46.6	50.7	59.8	89.2	144.9	216.0	295.0	373.9
-1.25°	35.6	39.0	42.4	46.5	50.6	59.4	88.3	143.5	214.3	293.0	371.8
-2.5°	35.5	38.8	42.3	46.3	50.4	58.3	85.4	139.4	209.2	287.1	365.6
-3.75°	35.4	38.5	42.0	45.9	50.0	56.4	80.7	132.5	200.7	277.4	355.3
-5°	35.3	38.2	41.6	45.4	49.5	55.2	74.2	122.9	188.9	264.0	341.0
-6.25°	35.1	37.7	41.0	44.8	48.8	54.1	69.0	110.6	173.8	246.8	322.8
-7.5°	34.9	37.0	40.4	44.0	48.0	52.7	64.7	99.0	155.9	226.1	300.9
-8.75°	34.7	36.3	39.7	43.1	47.0	51.0	59.7	86.6	137.7	203.0	275.4
-10°	34.4	35.6	38.8	42.1	45.9	49.7	55.3	72.5	117.0	177.6	246.6
-11.25°	34.1	35.2	37.8	41.1	44.6	48.4	53.1	65.1	97.6	150.5	214.6
-12.5°	33.7	34.9	36.8	40.0	43.2	47.0	50.7	57.8	79.5	123.9	182.0
-13.75°	33.3	34.5	35.6	38.7	41.9	45.4	49.0	53.9	66.4	98.5	148.4
-15°	33.0	34.0	35.2	37.4	40.5	43.7	47.3	50.9	57.5	76.4	116.1
-16.25°	32.8	33.6	34.7	36.0	39.0	42.0	45.4	48.8	53.2	63.5	89.0
-17.5°	32.6	33.1	34.1	35.2	37.5	40.4	43.4	46.8	50.1	55.0	67.8
-18.75°	32.3	32.8	33.6	34.7	35.9	38.7	41.5	44.6	47.8	51.1	56.4
-20°	32.1	32.6	33.1	34.1	35.1	36.9	39.6	42.3	45.4	48.5	52.0
-21.25°	31.8	32.3	32.8	33.4	34.4	35.4	37.7	40.3	43.0	45.9	48.9





REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	31.5	32.0	32.5	32.9	33.7	34.7	35.7	38.2	40.7	43.3	46.1
-23.75°	31.2	31.7	32.2	32.6	33.1	34.0	34.9	36.1	38.5	40.9	43.3
-25°	30.9	31.4	31.8	32.3	32.7	33.2	34.1	35.0	36.2	38.5	40.7
-26.25°	30.6	31.0	31.5	31.9	32.4	32.8	33.3	34.2	35.0	36.1	38.2
-27.5°	30.3	30.7	31.1	31.6	32.0	32.4	32.8	33.3	34.1	34.9	35.7
-28.75°	29.9	30.4	30.8	31.2	31.6	32.0	32.4	32.8	33.2	34.0	34.7
-30°	29.6	30.0	30.4	30.8	31.2	31.6	32.0	32.4	32.7	33.1	33.7
-31.25°	29.2	29.6	30.0	30.4	30.8	31.2	31.6	31.9	32.3	32.6	32.9
-32.5°	28.8	29.3	29.7	30.0	30.4	30.8	31.1	31.5	31.8	32.2	32.5
-33.75°	28.4	28.8	29.3	29.6	30.0	30.4	30.7	31.0	31.4	31.7	32.0
-35°	28.1	28.4	28.8	29.2	29.6	29.9	30.3	30.6	30.9	31.2	31.5
-36.25°	27.8	28.1	28.4	28.8	29.1	29.5	29.8	30.1	30.4	30.7	31.0
-37.5°	27.6	27.8	28.0	28.3	28.7	29.0	29.4	29.7	30.0	30.3	30.5
-38.75°	27.4	27.5	27.8	28.0	28.2	28.5	28.9	29.2	29.5	29.8	30.0
-40°	27.4	27.4	27.5	27.7	27.9	28.1	28.4	28.7	29.0	29.3	29.5
-41.25°	27.4	27.4	27.4	27.4	27.6	27.8	28.0	28.2	28.4	28.7	29.0
-42.5°	27.4	27.4	27.4	27.4	27.4	27.5	27.7	27.8	28.0	28.2	28.4
-43.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.7	27.8	28.0
-45°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.7
-46.25°	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-47.5°	27.0	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-48.75°	26.7	26.8	27.0	27.2	27.3	27.4	27.4	27.4	27.4	27.4	27.4
-50°	25.9	26.4	26.7	26.9	27.0	27.2	27.3	27.4	27.4	27.4	27.4
-51.25°	24.9	25.5	26.0	26.5	26.7	26.9	27.0	27.1	27.3	27.4	27.4
-52.5°	24.0	24.5	25.0	25.5	25.9	26.4	26.7	26.8	26.9	27.0	27.2
-53.75°	23.3	23.7	24.0	24.5	24.9	25.3	25.7	26.1	26.5	26.7	26.8
-55°	22.5	22.9	23.2	23.6	23.9	24.3	24.7	25.1	25.4	25.8	26.1
-56.25°	21.5	22.1	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.7	25.0
-57.5°	20.3	20.8	21.4	21.9	22.3	22.6	22.9	23.1	23.4	23.7	23.9
-58.75°	19.0	19.5	20.0	20.6	21.0	21.5	22.0	22.3	22.5	22.8	23.0
-60°	17.7	18.2	18.7	19.2	19.7	20.1	20.6	21.0	21.4	21.8	22.1
-61.25°	16.4	16.9	17.4	17.9	18.3	18.7	19.1	19.5	19.9	20.3	20.6
-62.5°	15.2	15.6	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.8	19.1
-63.75°	14.1	14.5	14.8	15.2	15.5	15.9	16.3	16.6	17.0	17.3	17.6
-65°	13.0	13.3	13.7	14.0	14.3	14.7	15.0	15.2	15.5	15.8	16.1
-66.25°	12.0	12.3	12.6	12.9	13.2	13.5	13.7	14.0	14.3	14.5	14.8
-67.5°	11.0	11.3	11.5	11.8	12.1	12.3	12.5	12.8	13.0	13.3	13.5
-68.75°	10.1	10.2	10.5	10.8	11.0	11.2	11.5	11.7	11.9	12.1	12.3
-70°	9.4	9.6	9.7	9.9	10.0	10.2	10.4	10.6	10.8	10.9	11.1
-71.25°	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	10.0	10.1
-72.5°	8.4	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3
-73.75°	8.0	8.1	8.2	8.2	8.3	8.3	8.4	8.5	8.5	8.5	8.6
-75°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
-76.25°	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.8	7.8	7.9
-77.5°	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.1	7.2	7.2	7.3



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.7
-80°	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9	6.0	6.0
-81.25°	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2	5.3
-82.5°	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5
-83.75°	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8
-85°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-86.25°	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
86.25°	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
85°	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3
83.75°	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1
82.5°	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8
81.25°	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6
80°	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4
78.75°	6.7	6.8	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.1
77.5°	7.4	7.4	7.4	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.7
76.25°	7.9	7.9	8.0	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1
75°	8.3	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5
73.75°	8.7	8.8	8.8	8.9	9.0	9.0	9.1	9.1	9.2	9.2	9.3
72.5°	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0	10.1
71.25°	10.2	10.3	10.4	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.2
70°	11.3	11.4	11.6	11.7	11.9	12.0	12.1	12.2	12.3	12.4	12.5
68.75°	12.4	12.6	12.8	12.9	13.1	13.3	13.4	13.5	13.6	13.7	13.8
67.5°	13.7	13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.0	15.1	15.2
66.25°	15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.5	16.6	16.8
65°	16.4	16.7	16.9	17.2	17.4	17.6	17.8	18.0	18.1	18.3	18.4
63.75°	17.9	18.2	18.5	18.7	19.0	19.2	19.4	19.6	19.7	19.9	20.0
62.5°	19.4	19.7	20.0	20.3	20.5	20.8	21.0	21.2	21.3	21.5	21.6
61.25°	21.0	21.3	21.6	21.8	22.1	22.2	22.4	22.5	22.6	22.7	22.8
60°	22.3	22.5	22.7	22.9	23.0	23.2	23.3	23.5	23.6	23.7	23.8
58.75°	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.5	24.7	24.8	24.9
57.5°	24.2	24.4	24.7	24.9	25.2	25.4	25.6	25.7	25.9	26.0	26.2
56.25°	25.3	25.6	25.8	26.1	26.3	26.6	26.7	26.7	26.8	26.8	26.9
55°	26.4	26.6	26.7	26.8	26.9	27.0	27.0	27.1	27.2	27.2	27.3
53.75°	26.9	27.0	27.1	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4
52.5°	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
51.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
50°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
48.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.6	27.6
47.5°	27.4	27.4	27.4	27.4	27.5	27.6	27.7	27.8	27.9	27.9	28.0
46.25°	27.4	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.5
45°	27.8	27.9	28.1	28.2	28.3	28.5	28.7	28.8	28.9	29.1	29.2
43.75°	28.1	28.3	28.5	28.7	28.9	29.1	29.3	29.4	29.6	29.7	29.8
42.5°	28.7	28.9	29.1	29.3	29.5	29.7	29.9	30.0	30.1	30.2	30.4
41.25°	29.2	29.5	29.7	29.9	30.1	30.3	30.4	30.6	30.7	30.8	30.9
40°	29.8	30.0	30.2	30.4	30.6	30.8	31.0	31.1	31.3	31.4	31.5
38.75°	30.3	30.5	30.7	31.0	31.2	31.4	31.5	31.7	31.9	32.0	32.1
37.5°	30.8	31.0	31.3	31.5	31.7	31.9	32.1	32.3	32.4	32.6	32.7
36.25°	31.3	31.6	31.8	32.0	32.3	32.5	32.7	32.8	33.0	33.2	33.5
35°	31.8	32.1	32.3	32.6	32.8	33.0	33.3	33.7	34.1	34.4	34.7



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	32.3	32.6	32.8	33.1	33.6	34.0	34.5	34.9	35.2	35.6	36.3
32.5°	32.8	33.1	33.6	34.1	34.7	35.2	35.6	36.8	37.8	38.8	39.7
31.25°	33.4	34.1	34.7	35.2	36.0	37.4	38.7	40.0	41.1	42.1	43.1
30°	34.4	35.1	35.9	37.5	39.0	40.5	41.9	43.2	44.6	45.9	47.0
28.75°	35.4	36.9	38.7	40.4	42.0	43.7	45.4	47.0	48.4	49.7	51.0
27.5°	37.7	39.6	41.5	43.4	45.4	47.3	49.0	50.7	53.1	55.3	59.7
26.25°	40.3	42.3	44.6	46.8	48.8	50.9	53.9	57.8	65.1	72.5	86.6
25°	43.0	45.4	47.8	50.1	53.2	57.5	66.4	79.5	97.6	117.0	137.7
23.75°	45.9	48.5	51.1	55.0	63.5	76.4	98.5	123.9	150.5	177.6	203.0
22.5°	48.9	52.0	56.4	67.8	89.0	116.1	148.4	182.0	214.6	246.6	275.4
21.25°	52.3	58.1	70.5	97.5	131.3	168.7	208.0	247.2	284.1	317.9	348.4
20°	58.1	71.5	101.8	140.6	183.4	227.7	272.2	314.0	352.8	382.8	402.6
18.75°	70.5	101.8	143.6	190.8	240.1	289.1	335.7	377.4	402.4	425.5	446.4
17.5°	97.5	140.6	190.8	244.2	297.7	349.0	388.5	416.7	443.1	467.5	485.9
16.25°	131.3	183.4	240.1	297.7	353.4	394.1	425.4	455.1	480.5	501.3	524.2
15°	168.7	227.7	289.1	349.0	394.1	428.4	461.2	488.1	513.9	540.8	568.9
13.75°	208.0	272.2	335.7	388.5	425.4	461.2	490.7	520.4	552.4	585.8	626.0
12.5°	247.2	314.0	377.4	416.7	455.1	488.1	520.4	556.3	596.7	644.3	708.2
11.25°	284.1	352.8	402.4	443.1	480.5	513.9	552.4	596.7	652.9	726.2	810.9
10°	317.9	382.8	425.5	467.5	501.3	540.8	585.8	644.3	726.2	822.8	937.7
8.75°	348.4	402.6	446.4	485.9	524.2	568.9	626.0	708.2	810.9	937.7	1089.6
7.5°	374.8	420.0	464.9	501.9	545.5	598.2	672.8	775.6	904.8	1067.0	1272.3
6.25°	389.0	435.1	478.9	518.5	566.1	627.8	720.2	840.7	1000.5	1206.6	1481.9
5°	400.8	447.7	489.7	532.5	583.6	658.5	768.3	911.2	1098.9	1354.0	1704.7
3.75°	410.1	457.6	498.2	544.2	602.0	688.1	808.2	967.9	1188.3	1503.6	1930.1
2.5°	416.8	464.7	505.0	553.4	615.4	709.6	838.2	1019.4	1268.5	1626.1	2103.9
1.25°	420.8	469.1	509.5	559.0	623.5	722.6	861.3	1052.0	1317.7	1701.7	2221.9
0°	422.2	470.5	511.0	560.9	626.2	727.0	869.1	1062.9	1334.4	1727.3	2264.0
-1.25°	420.8	469.1	509.5	559.0	623.5	722.6	861.3	1052.0	1317.7	1701.7	2221.9
-2.5°	416.8	464.7	505.0	553.4	615.4	709.6	838.2	1019.4	1268.5	1626.1	2103.9
-3.75°	410.1	457.6	498.2	544.2	602.0	688.1	808.2	967.9	1188.3	1503.6	1930.1
-5°	400.8	447.7	489.7	532.5	583.6	658.5	768.3	911.2	1098.9	1354.0	1704.7
-6.25°	389.0	435.1	478.9	518.5	566.1	627.8	720.2	840.7	1000.5	1206.6	1481.9
-7.5°	374.8	420.0	464.9	501.9	545.5	598.2	672.8	775.6	904.8	1067.0	1272.3
-8.75°	348.4	402.6	446.4	485.9	524.2	568.9	626.0	708.2	810.9	937.7	1089.6
-10°	317.9	382.8	425.5	467.5	501.3	540.8	585.8	644.3	726.2	822.8	937.7
-11.25°	284.1	352.8	402.4	443.1	480.5	513.9	552.4	596.7	652.9	726.2	810.9
-12.5°	247.2	314.0	377.4	416.7	455.1	488.1	520.4	556.3	596.7	644.3	708.2
-13.75°	208.0	272.2	335.7	388.5	425.4	461.2	490.7	520.4	552.4	585.8	626.0
-15°	168.7	227.7	289.1	349.0	394.1	428.4	461.2	488.1	513.9	540.8	568.9
-16.25°	131.3	183.4	240.1	297.7	353.4	394.1	425.4	455.1	480.5	501.3	524.2
-17.5°	97.5	140.6	190.8	244.2	297.7	349.0	388.5	416.7	443.1	467.5	485.9
-18.75°	70.5	101.8	143.6	190.8	240.1	289.1	335.7	377.4	402.4	425.5	446.4
-20°	58.1	71.5	101.8	140.6	183.4	227.7	272.2	314.0	352.8	382.8	402.6
-21.25°	52.3	58.1	70.5	97.5	131.3	168.7	208.0	247.2	284.1	317.9	348.4



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	48.9	52.0	56.4	67.8	89.0	116.1	148.4	182.0	214.6	246.6	275.4
-23.75°	45.9	48.5	51.1	55.0	63.5	76.4	98.5	123.9	150.5	177.6	203.0
-25°	43.0	45.4	47.8	50.1	53.2	57.5	66.4	79.5	97.6	117.0	137.7
-26.25°	40.3	42.3	44.6	46.8	48.8	50.9	53.9	57.8	65.1	72.5	86.6
-27.5°	37.7	39.6	41.5	43.4	45.4	47.3	49.0	50.7	53.1	55.3	59.7
-28.75°	35.4	36.9	38.7	40.4	42.0	43.7	45.4	47.0	48.4	49.7	51.0
-30°	34.4	35.1	35.9	37.5	39.0	40.5	41.9	43.2	44.6	45.9	47.0
-31.25°	33.4	34.1	34.7	35.2	36.0	37.4	38.7	40.0	41.1	42.1	43.1
-32.5°	32.8	33.1	33.6	34.1	34.7	35.2	35.6	36.8	37.8	38.8	39.7
-33.75°	32.3	32.6	32.8	33.1	33.6	34.0	34.5	34.9	35.2	35.6	36.3
-35°	31.8	32.1	32.3	32.6	32.8	33.0	33.3	33.7	34.1	34.4	34.7
-36.25°	31.3	31.6	31.8	32.0	32.3	32.5	32.7	32.8	33.0	33.2	33.5
-37.5°	30.8	31.0	31.3	31.5	31.7	31.9	32.1	32.3	32.4	32.6	32.7
-38.75°	30.3	30.5	30.7	31.0	31.2	31.4	31.5	31.7	31.9	32.0	32.1
-40°	29.8	30.0	30.2	30.4	30.6	30.8	31.0	31.1	31.3	31.4	31.5
-41.25°	29.2	29.5	29.7	29.9	30.1	30.3	30.4	30.6	30.7	30.8	30.9
-42.5°	28.7	28.9	29.1	29.3	29.5	29.7	29.9	30.0	30.1	30.2	30.4
-43.75°	28.1	28.3	28.5	28.7	28.9	29.1	29.3	29.4	29.6	29.7	29.8
-45°	27.8	27.9	28.1	28.2	28.3	28.5	28.7	28.8	28.9	29.1	29.2
-46.25°	27.4	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.5
-47.5°	27.4	27.4	27.4	27.4	27.5	27.6	27.7	27.8	27.9	27.9	28.0
-48.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.6	27.6
-50°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-51.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-52.5°	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-53.75°	26.9	27.0	27.1	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4
-55°	26.4	26.6	26.7	26.8	26.9	27.0	27.0	27.1	27.2	27.2	27.3
-56.25°	25.3	25.6	25.8	26.1	26.3	26.6	26.7	26.7	26.8	26.8	26.9
-57.5°	24.2	24.4	24.7	24.9	25.2	25.4	25.6	25.7	25.9	26.0	26.2
-58.75°	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.5	24.7	24.8	24.9
-60°	22.3	22.5	22.7	22.9	23.0	23.2	23.3	23.5	23.6	23.7	23.8
-61.25°	21.0	21.3	21.6	21.8	22.1	22.2	22.4	22.5	22.6	22.7	22.8
-62.5°	19.4	19.7	20.0	20.3	20.5	20.8	21.0	21.2	21.3	21.5	21.6
-63.75°	17.9	18.2	18.5	18.7	19.0	19.2	19.4	19.6	19.7	19.9	20.0
-65°	16.4	16.7	16.9	17.2	17.4	17.6	17.8	18.0	18.1	18.3	18.4
-66.25°	15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.5	16.6	16.8
-67.5°	13.7	13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.0	15.1	15.2
-68.75°	12.4	12.6	12.8	12.9	13.1	13.3	13.4	13.5	13.6	13.7	13.8
-70°	11.3	11.4	11.6	11.7	11.9	12.0	12.1	12.2	12.3	12.4	12.5
-71.25°	10.2	10.3	10.4	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.2
-72.5°	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0	10.1
-73.75°	8.7	8.8	8.8	8.9	9.0	9.0	9.1	9.1	9.2	9.2	9.3
-75°	8.3	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5
-76.25°	7.9	7.9	8.0	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1
-77.5°	7.4	7.4	7.4	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.7



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	6.7	6.8	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.1
-80°	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4
-81.25°	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6
-82.5°	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8
-83.75°	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1
-85°	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3
-86.25°	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2
-87.5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
83.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
81.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
80°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
78.75°	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1
77.5°	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
76.25°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
73.75°	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
72.5°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
71.25°	11.3	11.3	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
70°	12.5	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6
68.75°	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.0	14.0
67.5°	15.3	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
66.25°	16.9	17.0	17.0	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.0
65°	18.5	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
63.75°	20.1	20.2	20.3	20.4	20.4	20.4	20.5	20.4	20.4	20.4	20.3
62.5°	21.8	21.9	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.0	22.0
61.25°	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0
60°	23.9	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.0	24.0
58.75°	25.1	25.1	25.2	25.3	25.3	25.3	25.4	25.3	25.3	25.3	25.2
57.5°	26.3	26.4	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.5	26.5
56.25°	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
55°	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
53.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
52.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
51.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
50°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
48.75°	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
47.5°	28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.1
46.25°	28.6	28.7	28.7	28.8	28.8	28.8	28.9	28.8	28.8	28.8	28.7
45°	29.2	29.3	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.4	29.4
43.75°	29.9	29.9	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.0	30.0
42.5°	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.6	30.6
41.25°	31.0	31.1	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.2	31.2
40°	31.6	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.8	31.8
38.75°	32.2	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.4	32.4
37.5°	32.8	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.0	33.0
36.25°	33.7	33.9	34.1	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.1
35°	34.9	35.1	35.3	35.4	35.5	35.6	35.6	35.6	35.5	35.4	35.3

REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	37.0	37.7	38.2	38.5	38.8	39.0	39.1	39.0	38.8	38.5	38.2
32.5°	40.4	41.0	41.6	42.0	42.3	42.4	42.5	42.4	42.3	42.0	41.6
31.25°	44.0	44.8	45.4	45.9	46.3	46.5	46.6	46.5	46.3	45.9	45.4
30°	48.0	48.8	49.5	50.0	50.4	50.6	50.7	50.6	50.4	50.0	49.5
28.75°	52.7	54.1	55.2	56.4	58.3	59.4	59.8	59.4	58.3	56.4	55.2
27.5°	64.7	69.0	74.2	80.7	85.4	88.3	89.2	88.3	85.4	80.7	74.2
26.25°	99.0	110.6	122.9	132.5	139.4	143.5	144.9	143.5	139.4	132.5	122.9
25°	155.9	173.8	188.9	200.7	209.2	214.3	216.0	214.3	209.2	200.7	188.9
23.75°	226.1	246.8	264.0	277.4	287.1	293.0	295.0	293.0	287.1	277.4	264.0
22.5°	300.9	322.8	341.0	355.3	365.6	371.8	373.9	371.8	365.6	355.3	341.0
21.25°	374.8	389.0	400.8	410.1	416.8	420.8	422.2	420.8	416.8	410.1	400.8
20°	420.0	435.1	447.7	457.6	464.7	469.1	470.5	469.1	464.7	457.6	447.7
18.75°	464.9	478.9	489.7	498.2	505.0	509.5	511.0	509.5	505.0	498.2	489.7
17.5°	501.9	518.5	532.5	544.2	553.4	559.0	560.9	559.0	553.4	544.2	532.5
16.25°	545.5	566.1	583.6	602.0	615.4	623.5	626.2	623.5	615.4	602.0	583.6
15°	598.2	627.8	658.5	688.1	709.6	722.6	727.0	722.6	709.6	688.1	658.5
13.75°	672.8	720.2	768.3	808.2	838.2	861.3	869.1	861.3	838.2	808.2	768.3
12.5°	775.6	840.7	911.2	967.9	1019.4	1052.0	1062.9	1052.0	1019.4	967.9	911.2
11.25°	904.8	1000.5	1098.9	1188.3	1268.5	1317.7	1334.4	1317.7	1268.5	1188.3	1098.9
10°	1067.0	1206.6	1354.0	1503.6	1626.1	1701.7	1727.3	1701.7	1626.1	1503.6	1354.0
8.75°	1272.3	1481.9	1704.7	1930.1	2103.9	2221.9	2264.0	2221.9	2103.9	1930.1	1704.7
7.5°	1530.8	1831.1	2142.1	2440.4	2671.3	2824.9	2877.5	2824.9	2671.3	2440.4	2142.1
6.25°	1831.1	2225.7	2623.2	2987.4	3269.7	3449.9	3512.3	3449.9	3269.7	2987.4	2623.2
5°	2142.1	2623.2	3099.0	3513.7	3837.2	4047.3	4121.4	4047.3	3837.2	3513.7	3099.0
3.75°	2440.4	2987.4	3513.7	3975.9	4329.6	4559.4	4630.1	4559.4	4329.6	3975.9	3513.7
2.5°	2671.3	3269.7	3837.2	4329.6	4705.1	4945.0	5021.5	4945.0	4705.1	4329.6	3837.2
1.25°	2824.9	3449.9	4047.3	4559.4	4945.0	5189.1	5273.9	5189.1	4945.0	4559.4	4047.3
0°	2877.5	3512.3	4121.4	4630.1	5021.5	5273.9	5385.2	5273.9	5021.5	4630.1	4121.4
-1.25°	2824.9	3449.9	4047.3	4559.4	4945.0	5189.1	5273.9	5189.1	4945.0	4559.4	4047.3
-2.5°	2671.3	3269.7	3837.2	4329.6	4705.1	4945.0	5021.5	4945.0	4705.1	4329.6	3837.2
-3.75°	2440.4	2987.4	3513.7	3975.9	4329.6	4559.4	4630.1	4559.4	4329.6	3975.9	3513.7
-5°	2142.1	2623.2	3099.0	3513.7	3837.2	4047.3	4121.4	4047.3	3837.2	3513.7	3099.0
-6.25°	1831.1	2225.7	2623.2	2987.4	3269.7	3449.9	3512.3	3449.9	3269.7	2987.4	2623.2
-7.5°	1530.8	1831.1	2142.1	2440.4	2671.3	2824.9	2877.5	2824.9	2671.3	2440.4	2142.1
-8.75°	1272.3	1481.9	1704.7	1930.1	2103.9	2221.9	2264.0	2221.9	2103.9	1930.1	1704.7
-10°	1067.0	1206.6	1354.0	1503.6	1626.1	1701.7	1727.3	1701.7	1626.1	1503.6	1354.0
-11.25°	904.8	1000.5	1098.9	1188.3	1268.5	1317.7	1334.4	1317.7	1268.5	1188.3	1098.9
-12.5°	775.6	840.7	911.2	967.9	1019.4	1052.0	1062.9	1052.0	1019.4	967.9	911.2
-13.75°	672.8	720.2	768.3	808.2	838.2	861.3	869.1	861.3	838.2	808.2	768.3
-15°	598.2	627.8	658.5	688.1	709.6	722.6	727.0	722.6	709.6	688.1	658.5
-16.25°	545.5	566.1	583.6	602.0	615.4	623.5	626.2	623.5	615.4	602.0	583.6
-17.5°	501.9	518.5	532.5	544.2	553.4	559.0	560.9	559.0	553.4	544.2	532.5
-18.75°	464.9	478.9	489.7	498.2	505.0	509.5	511.0	509.5	505.0	498.2	489.7
-20°	420.0	435.1	447.7	457.6	464.7	469.1	470.5	469.1	464.7	457.6	447.7
-21.25°	374.8	389.0	400.8	410.1	416.8	420.8	422.2	420.8	416.8	410.1	400.8





REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	300.9	322.8	341.0	355.3	365.6	371.8	373.9	371.8	365.6	355.3	341.0
-23.75°	226.1	246.8	264.0	277.4	287.1	293.0	295.0	293.0	287.1	277.4	264.0
-25°	155.9	173.8	188.9	200.7	209.2	214.3	216.0	214.3	209.2	200.7	188.9
-26.25°	99.0	110.6	122.9	132.5	139.4	143.5	144.9	143.5	139.4	132.5	122.9
-27.5°	64.7	69.0	74.2	80.7	85.4	88.3	89.2	88.3	85.4	80.7	74.2
-28.75°	52.7	54.1	55.2	56.4	58.3	59.4	59.8	59.4	58.3	56.4	55.2
-30°	48.0	48.8	49.5	50.0	50.4	50.6	50.7	50.6	50.4	50.0	49.5
-31.25°	44.0	44.8	45.4	45.9	46.3	46.5	46.6	46.5	46.3	45.9	45.4
-32.5°	40.4	41.0	41.6	42.0	42.3	42.4	42.5	42.4	42.3	42.0	41.6
-33.75°	37.0	37.7	38.2	38.5	38.8	39.0	39.1	39.0	38.8	38.5	38.2
-35°	34.9	35.1	35.3	35.4	35.5	35.6	35.6	35.6	35.5	35.4	35.3
-36.25°	33.7	33.9	34.1	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.1
-37.5°	32.8	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.0	33.0
-38.75°	32.2	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.4	32.4
-40°	31.6	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.8	31.8
-41.25°	31.0	31.1	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.2	31.2
-42.5°	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.6	30.6
-43.75°	29.9	29.9	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.0	30.0
-45°	29.2	29.3	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.4	29.4
-46.25°	28.6	28.7	28.7	28.8	28.8	28.8	28.9	28.8	28.8	28.8	28.7
-47.5°	28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.1
-48.75°	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
-50°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-51.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-52.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-53.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-55°	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-56.25°	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
-57.5°	26.3	26.4	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.5	26.5
-58.75°	25.1	25.1	25.2	25.3	25.3	25.3	25.4	25.3	25.3	25.3	25.2
-60°	23.9	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.0	24.0
-61.25°	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0
-62.5°	21.8	21.9	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.0	22.0
-63.75°	20.1	20.2	20.3	20.4	20.4	20.4	20.5	20.4	20.4	20.4	20.3
-65°	18.5	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
-66.25°	16.9	17.0	17.0	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.0
-67.5°	15.3	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
-68.75°	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.0	14.0
-70°	12.5	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.6
-71.25°	11.3	11.3	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
-72.5°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
-73.75°	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
-75°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
-76.25°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
-77.5°	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.1	7.1	7.1	7.1
-80°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-81.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-82.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-83.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
85°	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
83.75°	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
82.5°	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6
81.25°	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4
80°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.2
78.75°	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.8
77.5°	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.4
76.25°	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0
75°	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3
73.75°	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.8
72.5°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6
71.25°	11.3	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.4
70°	12.6	12.5	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.7	11.6
68.75°	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.1	12.9	12.8
67.5°	15.3	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.4	14.3	14.1
66.25°	17.0	16.9	16.8	16.6	16.5	16.4	16.2	16.0	15.8	15.6	15.4
65°	18.6	18.5	18.4	18.3	18.1	18.0	17.8	17.6	17.4	17.2	16.9
63.75°	20.2	20.1	20.0	19.9	19.7	19.6	19.4	19.2	19.0	18.7	18.5
62.5°	21.9	21.8	21.6	21.5	21.3	21.2	21.0	20.8	20.5	20.3	20.0
61.25°	23.0	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.8	21.6
60°	23.9	23.9	23.8	23.7	23.6	23.5	23.3	23.2	23.0	22.9	22.7
58.75°	25.1	25.1	24.9	24.8	24.7	24.5	24.4	24.2	24.0	23.8	23.6
57.5°	26.4	26.3	26.2	26.0	25.9	25.7	25.6	25.4	25.2	24.9	24.7
56.25°	26.9	26.9	26.9	26.8	26.8	26.7	26.7	26.6	26.3	26.1	25.8
55°	27.3	27.3	27.3	27.2	27.2	27.1	27.0	27.0	26.9	26.8	26.7
53.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.3	27.2	27.1
52.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
51.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
50°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
48.75°	27.7	27.7	27.6	27.6	27.5	27.4	27.4	27.4	27.4	27.4	27.4
47.5°	28.1	28.1	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.4	27.4
46.25°	28.7	28.6	28.5	28.4	28.3	28.2	28.1	28.0	27.9	27.8	27.7
45°	29.3	29.2	29.2	29.1	28.9	28.8	28.7	28.5	28.3	28.2	28.1
43.75°	29.9	29.9	29.8	29.7	29.6	29.4	29.3	29.1	28.9	28.7	28.5
42.5°	30.5	30.4	30.4	30.2	30.1	30.0	29.9	29.7	29.5	29.3	29.1
41.25°	31.1	31.0	30.9	30.8	30.7	30.6	30.4	30.3	30.1	29.9	29.7
40°	31.7	31.6	31.5	31.4	31.3	31.1	31.0	30.8	30.6	30.4	30.2
38.75°	32.3	32.2	32.1	32.0	31.9	31.7	31.5	31.4	31.2	31.0	30.7
37.5°	32.9	32.8	32.7	32.6	32.4	32.3	32.1	31.9	31.7	31.5	31.3
36.25°	33.9	33.7	33.5	33.2	33.0	32.8	32.7	32.5	32.3	32.0	31.8
35°	35.1	34.9	34.7	34.4	34.1	33.7	33.3	33.0	32.8	32.6	32.3



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	37.7	37.0	36.3	35.6	35.2	34.9	34.5	34.0	33.6	33.1	32.8
32.5°	41.0	40.4	39.7	38.8	37.8	36.8	35.6	35.2	34.7	34.1	33.6
31.25°	44.8	44.0	43.1	42.1	41.1	40.0	38.7	37.4	36.0	35.2	34.7
30°	48.8	48.0	47.0	45.9	44.6	43.2	41.9	40.5	39.0	37.5	35.9
28.75°	54.1	52.7	51.0	49.7	48.4	47.0	45.4	43.7	42.0	40.4	38.7
27.5°	69.0	64.7	59.7	55.3	53.1	50.7	49.0	47.3	45.4	43.4	41.5
26.25°	110.6	99.0	86.6	72.5	65.1	57.8	53.9	50.9	48.8	46.8	44.6
25°	173.8	155.9	137.7	117.0	97.6	79.5	66.4	57.5	53.2	50.1	47.8
23.75°	246.8	226.1	203.0	177.6	150.5	123.9	98.5	76.4	63.5	55.0	51.1
22.5°	322.8	300.9	275.4	246.6	214.6	182.0	148.4	116.1	89.0	67.8	56.4
21.25°	389.0	374.8	348.4	317.9	284.1	247.2	208.0	168.7	131.3	97.5	70.5
20°	435.1	420.0	402.6	382.8	352.8	314.0	272.2	227.7	183.4	140.6	101.8
18.75°	478.9	464.9	446.4	425.5	402.4	377.4	335.7	289.1	240.1	190.8	143.6
17.5°	518.5	501.9	485.9	467.5	443.1	416.7	388.5	349.0	297.7	244.2	190.8
16.25°	566.1	545.5	524.2	501.3	480.5	455.1	425.4	394.1	353.4	297.7	240.1
15°	627.8	598.2	568.9	540.8	513.9	488.1	461.2	428.4	394.1	349.0	289.1
13.75°	720.2	672.8	626.0	585.8	552.4	520.4	490.7	461.2	425.4	388.5	335.7
12.5°	840.7	775.6	708.2	644.3	596.7	556.3	520.4	488.1	455.1	416.7	377.4
11.25°	1000.5	904.8	810.9	726.2	652.9	596.7	552.4	513.9	480.5	443.1	402.4
10°	1206.6	1067.0	937.7	822.8	726.2	644.3	585.8	540.8	501.3	467.5	425.5
8.75°	1481.9	1272.3	1089.6	937.7	810.9	708.2	626.0	568.9	524.2	485.9	446.4
7.5°	1831.1	1530.8	1272.3	1067.0	904.8	775.6	672.8	598.2	545.5	501.9	464.9
6.25°	2225.7	1831.1	1481.9	1206.6	1000.5	840.7	720.2	627.8	566.1	518.5	478.9
5°	2623.2	2142.1	1704.7	1354.0	1098.9	911.2	768.3	658.5	583.6	532.5	489.7
3.75°	2987.4	2440.4	1930.1	1503.6	1188.3	967.9	808.2	688.1	602.0	544.2	498.2
2.5°	3269.7	2671.3	2103.9	1626.1	1268.5	1019.4	838.2	709.6	615.4	553.4	505.0
1.25°	3449.9	2824.9	2221.9	1701.7	1317.7	1052.0	861.3	722.6	623.5	559.0	509.5
0°	3512.3	2877.5	2264.0	1727.3	1334.4	1062.9	869.1	727.0	626.2	560.9	511.0
-1.25°	3449.9	2824.9	2221.9	1701.7	1317.7	1052.0	861.3	722.6	623.5	559.0	509.5
-2.5°	3269.7	2671.3	2103.9	1626.1	1268.5	1019.4	838.2	709.6	615.4	553.4	505.0
-3.75°	2987.4	2440.4	1930.1	1503.6	1188.3	967.9	808.2	688.1	602.0	544.2	498.2
-5°	2623.2	2142.1	1704.7	1354.0	1098.9	911.2	768.3	658.5	583.6	532.5	489.7
-6.25°	2225.7	1831.1	1481.9	1206.6	1000.5	840.7	720.2	627.8	566.1	518.5	478.9
-7.5°	1831.1	1530.8	1272.3	1067.0	904.8	775.6	672.8	598.2	545.5	501.9	464.9
-8.75°	1481.9	1272.3	1089.6	937.7	810.9	708.2	626.0	568.9	524.2	485.9	446.4
-10°	1206.6	1067.0	937.7	822.8	726.2	644.3	585.8	540.8	501.3	467.5	425.5
-11.25°	1000.5	904.8	810.9	726.2	652.9	596.7	552.4	513.9	480.5	443.1	402.4
-12.5°	840.7	775.6	708.2	644.3	596.7	556.3	520.4	488.1	455.1	416.7	377.4
-13.75°	720.2	672.8	626.0	585.8	552.4	520.4	490.7	461.2	425.4	388.5	335.7
-15°	627.8	598.2	568.9	540.8	513.9	488.1	461.2	428.4	394.1	349.0	289.1
-16.25°	566.1	545.5	524.2	501.3	480.5	455.1	425.4	394.1	353.4	297.7	240.1
-17.5°	518.5	501.9	485.9	467.5	443.1	416.7	388.5	349.0	297.7	244.2	190.8
-18.75°	478.9	464.9	446.4	425.5	402.4	377.4	335.7	289.1	240.1	190.8	143.6
-20°	435.1	420.0	402.6	382.8	352.8	314.0	272.2	227.7	183.4	140.6	101.8
-21.25°	389.0	374.8	348.4	317.9	284.1	247.2	208.0	168.7	131.3	97.5	70.5



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	322.8	300.9	275.4	246.6	214.6	182.0	148.4	116.1	89.0	67.8	56.4
-23.75°	246.8	226.1	203.0	177.6	150.5	123.9	98.5	76.4	63.5	55.0	51.1
-25°	173.8	155.9	137.7	117.0	97.6	79.5	66.4	57.5	53.2	50.1	47.8
-26.25°	110.6	99.0	86.6	72.5	65.1	57.8	53.9	50.9	48.8	46.8	44.6
-27.5°	69.0	64.7	59.7	55.3	53.1	50.7	49.0	47.3	45.4	43.4	41.5
-28.75°	54.1	52.7	51.0	49.7	48.4	47.0	45.4	43.7	42.0	40.4	38.7
-30°	48.8	48.0	47.0	45.9	44.6	43.2	41.9	40.5	39.0	37.5	35.9
-31.25°	44.8	44.0	43.1	42.1	41.1	40.0	38.7	37.4	36.0	35.2	34.7
-32.5°	41.0	40.4	39.7	38.8	37.8	36.8	35.6	35.2	34.7	34.1	33.6
-33.75°	37.7	37.0	36.3	35.6	35.2	34.9	34.5	34.0	33.6	33.1	32.8
-35°	35.1	34.9	34.7	34.4	34.1	33.7	33.3	33.0	32.8	32.6	32.3
-36.25°	33.9	33.7	33.5	33.2	33.0	32.8	32.7	32.5	32.3	32.0	31.8
-37.5°	32.9	32.8	32.7	32.6	32.4	32.3	32.1	31.9	31.7	31.5	31.3
-38.75°	32.3	32.2	32.1	32.0	31.9	31.7	31.5	31.4	31.2	31.0	30.7
-40°	31.7	31.6	31.5	31.4	31.3	31.1	31.0	30.8	30.6	30.4	30.2
-41.25°	31.1	31.0	30.9	30.8	30.7	30.6	30.4	30.3	30.1	29.9	29.7
-42.5°	30.5	30.4	30.4	30.2	30.1	30.0	29.9	29.7	29.5	29.3	29.1
-43.75°	29.9	29.9	29.8	29.7	29.6	29.4	29.3	29.1	28.9	28.7	28.5
-45°	29.3	29.2	29.2	29.1	28.9	28.8	28.7	28.5	28.3	28.2	28.1
-46.25°	28.7	28.6	28.5	28.4	28.3	28.2	28.1	28.0	27.9	27.8	27.7
-47.5°	28.1	28.1	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.4	27.4
-48.75°	27.7	27.7	27.6	27.6	27.5	27.4	27.4	27.4	27.4	27.4	27.4
-50°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-51.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-52.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-53.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.3	27.2	27.1
-55°	27.3	27.3	27.3	27.2	27.2	27.1	27.0	27.0	26.9	26.8	26.7
-56.25°	26.9	26.9	26.9	26.8	26.8	26.7	26.7	26.6	26.3	26.1	25.8
-57.5°	26.4	26.3	26.2	26.0	25.9	25.7	25.6	25.4	25.2	24.9	24.7
-58.75°	25.1	25.1	24.9	24.8	24.7	24.5	24.4	24.2	24.0	23.8	23.6
-60°	23.9	23.9	23.8	23.7	23.6	23.5	23.3	23.2	23.0	22.9	22.7
-61.25°	23.0	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.1	21.8	21.6
-62.5°	21.9	21.8	21.6	21.5	21.3	21.2	21.0	20.8	20.5	20.3	20.0
-63.75°	20.2	20.1	20.0	19.9	19.7	19.6	19.4	19.2	19.0	18.7	18.5
-65°	18.6	18.5	18.4	18.3	18.1	18.0	17.8	17.6	17.4	17.2	16.9
-66.25°	17.0	16.9	16.8	16.6	16.5	16.4	16.2	16.0	15.8	15.6	15.4
-67.5°	15.3	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.4	14.3	14.1
-68.75°	14.0	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.1	12.9	12.8
-70°	12.6	12.5	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.7	11.6
-71.25°	11.3	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.4
-72.5°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6
-73.75°	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.8
-75°	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.4	8.3
-76.25°	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	8.0
-77.5°	7.8	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.5	7.5	7.4



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.9	6.8
-80°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.2
-81.25°	5.7	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4
-82.5°	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6
-83.75°	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
-85°	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
-86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
86.25°	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6
83.75°	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5
82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.2	4.1
81.25°	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8
80°	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.6	5.5
78.75°	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2
77.5°	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.8
76.25°	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.4	7.3
75°	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
73.75°	8.8	8.7	8.6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.2
72.5°	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5
71.25°	10.3	10.2	10.1	10.0	9.8	9.7	9.6	9.5	9.3	9.2	9.1
70°	11.4	11.3	11.1	10.9	10.8	10.6	10.4	10.2	10.0	9.9	9.7
68.75°	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.8	10.5
67.5°	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.3	12.1	11.8	11.5
66.25°	15.2	15.0	14.8	14.5	14.3	14.0	13.7	13.5	13.2	12.9	12.6
65°	16.7	16.4	16.1	15.8	15.5	15.2	15.0	14.7	14.3	14.0	13.7
63.75°	18.2	17.9	17.6	17.3	17.0	16.6	16.3	15.9	15.5	15.2	14.8
62.5°	19.7	19.4	19.1	18.8	18.5	18.1	17.7	17.3	16.9	16.5	16.1
61.25°	21.3	21.0	20.6	20.3	19.9	19.5	19.1	18.7	18.3	17.9	17.4
60°	22.5	22.3	22.1	21.8	21.4	21.0	20.6	20.1	19.7	19.2	18.7
58.75°	23.4	23.2	23.0	22.8	22.5	22.3	22.0	21.5	21.0	20.6	20.0
57.5°	24.4	24.2	23.9	23.7	23.4	23.1	22.9	22.6	22.3	21.9	21.4
56.25°	25.6	25.3	25.0	24.7	24.3	24.0	23.7	23.4	23.1	22.8	22.5
55°	26.6	26.4	26.1	25.8	25.4	25.1	24.7	24.3	23.9	23.6	23.2
53.75°	27.0	26.9	26.8	26.7	26.5	26.1	25.7	25.3	24.9	24.5	24.0
52.5°	27.4	27.3	27.2	27.0	26.9	26.8	26.7	26.4	25.9	25.5	25.0
51.25°	27.4	27.4	27.4	27.4	27.3	27.1	27.0	26.9	26.7	26.5	26.0
50°	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.2	27.0	26.9	26.7
48.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.2	27.0
47.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3
46.25°	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
45°	27.9	27.8	27.7	27.5	27.4	27.4	27.4	27.4	27.4	27.4	27.4
43.75°	28.3	28.1	28.0	27.8	27.7	27.5	27.4	27.4	27.4	27.4	27.4
42.5°	28.9	28.7	28.4	28.2	28.0	27.8	27.7	27.5	27.4	27.4	27.4
41.25°	29.5	29.2	29.0	28.7	28.4	28.2	28.0	27.8	27.6	27.4	27.4
40°	30.0	29.8	29.5	29.3	29.0	28.7	28.4	28.1	27.9	27.7	27.5
38.75°	30.5	30.3	30.0	29.8	29.5	29.2	28.9	28.5	28.2	28.0	27.8
37.5°	31.0	30.8	30.5	30.3	30.0	29.7	29.4	29.0	28.7	28.3	28.0
36.25°	31.6	31.3	31.0	30.7	30.4	30.1	29.8	29.5	29.1	28.8	28.4
35°	32.1	31.8	31.5	31.2	30.9	30.6	30.3	29.9	29.6	29.2	28.8



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	32.6	32.3	32.0	31.7	31.4	31.0	30.7	30.4	30.0	29.6	29.3
32.5°	33.1	32.8	32.5	32.2	31.8	31.5	31.1	30.8	30.4	30.0	29.7
31.25°	34.1	33.4	32.9	32.6	32.3	31.9	31.6	31.2	30.8	30.4	30.0
30°	35.1	34.4	33.7	33.1	32.7	32.4	32.0	31.6	31.2	30.8	30.4
28.75°	36.9	35.4	34.7	34.0	33.2	32.8	32.4	32.0	31.6	31.2	30.8
27.5°	39.6	37.7	35.7	34.9	34.1	33.3	32.8	32.4	32.0	31.6	31.1
26.25°	42.3	40.3	38.2	36.1	35.0	34.2	33.3	32.8	32.4	31.9	31.5
25°	45.4	43.0	40.7	38.5	36.2	35.0	34.1	33.2	32.7	32.3	31.8
23.75°	48.5	45.9	43.3	40.9	38.5	36.1	34.9	34.0	33.1	32.6	32.2
22.5°	52.0	48.9	46.1	43.3	40.7	38.2	35.7	34.7	33.7	32.9	32.5
21.25°	58.1	52.3	48.9	45.9	43.0	40.3	37.7	35.4	34.4	33.4	32.8
20°	71.5	58.1	52.0	48.5	45.4	42.3	39.6	36.9	35.1	34.1	33.1
18.75°	101.8	70.5	56.4	51.1	47.8	44.6	41.5	38.7	35.9	34.7	33.6
17.5°	140.6	97.5	67.8	55.0	50.1	46.8	43.4	40.4	37.5	35.2	34.1
16.25°	183.4	131.3	89.0	63.5	53.2	48.8	45.4	42.0	39.0	36.0	34.7
15°	227.7	168.7	116.1	76.4	57.5	50.9	47.3	43.7	40.5	37.4	35.2
13.75°	272.2	208.0	148.4	98.5	66.4	53.9	49.0	45.4	41.9	38.7	35.6
12.5°	314.0	247.2	182.0	123.9	79.5	57.8	50.7	47.0	43.2	40.0	36.8
11.25°	352.8	284.1	214.6	150.5	97.6	65.1	53.1	48.4	44.6	41.1	37.8
10°	382.8	317.9	246.6	177.6	117.0	72.5	55.3	49.7	45.9	42.1	38.8
8.75°	402.6	348.4	275.4	203.0	137.7	86.6	59.7	51.0	47.0	43.1	39.7
7.5°	420.0	374.8	300.9	226.1	155.9	99.0	64.7	52.7	48.0	44.0	40.4
6.25°	435.1	389.0	322.8	246.8	173.8	110.6	69.0	54.1	48.8	44.8	41.0
5°	447.7	400.8	341.0	264.0	188.9	122.9	74.2	55.2	49.5	45.4	41.6
3.75°	457.6	410.1	355.3	277.4	200.7	132.5	80.7	56.4	50.0	45.9	42.0
2.5°	464.7	416.8	365.6	287.1	209.2	139.4	85.4	58.3	50.4	46.3	42.3
1.25°	469.1	420.8	371.8	293.0	214.3	143.5	88.3	59.4	50.6	46.5	42.4
0°	470.5	422.2	373.9	295.0	216.0	144.9	89.2	59.8	50.7	46.6	42.5
-1.25°	469.1	420.8	371.8	293.0	214.3	143.5	88.3	59.4	50.6	46.5	42.4
-2.5°	464.7	416.8	365.6	287.1	209.2	139.4	85.4	58.3	50.4	46.3	42.3
-3.75°	457.6	410.1	355.3	277.4	200.7	132.5	80.7	56.4	50.0	45.9	42.0
-5°	447.7	400.8	341.0	264.0	188.9	122.9	74.2	55.2	49.5	45.4	41.6
-6.25°	435.1	389.0	322.8	246.8	173.8	110.6	69.0	54.1	48.8	44.8	41.0
-7.5°	420.0	374.8	300.9	226.1	155.9	99.0	64.7	52.7	48.0	44.0	40.4
-8.75°	402.6	348.4	275.4	203.0	137.7	86.6	59.7	51.0	47.0	43.1	39.7
-10°	382.8	317.9	246.6	177.6	117.0	72.5	55.3	49.7	45.9	42.1	38.8
-11.25°	352.8	284.1	214.6	150.5	97.6	65.1	53.1	48.4	44.6	41.1	37.8
-12.5°	314.0	247.2	182.0	123.9	79.5	57.8	50.7	47.0	43.2	40.0	36.8
-13.75°	272.2	208.0	148.4	98.5	66.4	53.9	49.0	45.4	41.9	38.7	35.6
-15°	227.7	168.7	116.1	76.4	57.5	50.9	47.3	43.7	40.5	37.4	35.2
-16.25°	183.4	131.3	89.0	63.5	53.2	48.8	45.4	42.0	39.0	36.0	34.7
-17.5°	140.6	97.5	67.8	55.0	50.1	46.8	43.4	40.4	37.5	35.2	34.1
-18.75°	101.8	70.5	56.4	51.1	47.8	44.6	41.5	38.7	35.9	34.7	33.6
-20°	71.5	58.1	52.0	48.5	45.4	42.3	39.6	36.9	35.1	34.1	33.1
-21.25°	58.1	52.3	48.9	45.9	43.0	40.3	37.7	35.4	34.4	33.4	32.8





REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	52.0	48.9	46.1	43.3	40.7	38.2	35.7	34.7	33.7	32.9	32.5
-23.75°	48.5	45.9	43.3	40.9	38.5	36.1	34.9	34.0	33.1	32.6	32.2
-25°	45.4	43.0	40.7	38.5	36.2	35.0	34.1	33.2	32.7	32.3	31.8
-26.25°	42.3	40.3	38.2	36.1	35.0	34.2	33.3	32.8	32.4	31.9	31.5
-27.5°	39.6	37.7	35.7	34.9	34.1	33.3	32.8	32.4	32.0	31.6	31.1
-28.75°	36.9	35.4	34.7	34.0	33.2	32.8	32.4	32.0	31.6	31.2	30.8
-30°	35.1	34.4	33.7	33.1	32.7	32.4	32.0	31.6	31.2	30.8	30.4
-31.25°	34.1	33.4	32.9	32.6	32.3	31.9	31.6	31.2	30.8	30.4	30.0
-32.5°	33.1	32.8	32.5	32.2	31.8	31.5	31.1	30.8	30.4	30.0	29.7
-33.75°	32.6	32.3	32.0	31.7	31.4	31.0	30.7	30.4	30.0	29.6	29.3
-35°	32.1	31.8	31.5	31.2	30.9	30.6	30.3	29.9	29.6	29.2	28.8
-36.25°	31.6	31.3	31.0	30.7	30.4	30.1	29.8	29.5	29.1	28.8	28.4
-37.5°	31.0	30.8	30.5	30.3	30.0	29.7	29.4	29.0	28.7	28.3	28.0
-38.75°	30.5	30.3	30.0	29.8	29.5	29.2	28.9	28.5	28.2	28.0	27.8
-40°	30.0	29.8	29.5	29.3	29.0	28.7	28.4	28.1	27.9	27.7	27.5
-41.25°	29.5	29.2	29.0	28.7	28.4	28.2	28.0	27.8	27.6	27.4	27.4
-42.5°	28.9	28.7	28.4	28.2	28.0	27.8	27.7	27.5	27.4	27.4	27.4
-43.75°	28.3	28.1	28.0	27.8	27.7	27.5	27.4	27.4	27.4	27.4	27.4
-45°	27.9	27.8	27.7	27.5	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-46.25°	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
-47.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3
-48.75°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.2	27.0
-50°	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.2	27.0	26.9	26.7
-51.25°	27.4	27.4	27.4	27.4	27.3	27.1	27.0	26.9	26.7	26.5	26.0
-52.5°	27.4	27.3	27.2	27.0	26.9	26.8	26.7	26.4	25.9	25.5	25.0
-53.75°	27.0	26.9	26.8	26.7	26.5	26.1	25.7	25.3	24.9	24.5	24.0
-55°	26.6	26.4	26.1	25.8	25.4	25.1	24.7	24.3	23.9	23.6	23.2
-56.25°	25.6	25.3	25.0	24.7	24.3	24.0	23.7	23.4	23.1	22.8	22.5
-57.5°	24.4	24.2	23.9	23.7	23.4	23.1	22.9	22.6	22.3	21.9	21.4
-58.75°	23.4	23.2	23.0	22.8	22.5	22.3	22.0	21.5	21.0	20.6	20.0
-60°	22.5	22.3	22.1	21.8	21.4	21.0	20.6	20.1	19.7	19.2	18.7
-61.25°	21.3	21.0	20.6	20.3	19.9	19.5	19.1	18.7	18.3	17.9	17.4
-62.5°	19.7	19.4	19.1	18.8	18.5	18.1	17.7	17.3	16.9	16.5	16.1
-63.75°	18.2	17.9	17.6	17.3	17.0	16.6	16.3	15.9	15.5	15.2	14.8
-65°	16.7	16.4	16.1	15.8	15.5	15.2	15.0	14.7	14.3	14.0	13.7
-66.25°	15.2	15.0	14.8	14.5	14.3	14.0	13.7	13.5	13.2	12.9	12.6
-67.5°	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.3	12.1	11.8	11.5
-68.75°	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.8	10.5
-70°	11.4	11.3	11.1	10.9	10.8	10.6	10.4	10.2	10.0	9.9	9.7
-71.25°	10.3	10.2	10.1	10.0	9.8	9.7	9.6	9.5	9.3	9.2	9.1
-72.5°	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5
-73.75°	8.8	8.7	8.6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.2
-75°	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
-76.25°	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.4	7.3
-77.5°	7.4	7.4	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.8	6.8



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2
-80°	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.6	5.5
-81.25°	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8
-82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.2	4.1
-83.75°	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6
-86.25°	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
-88.75°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
87.5°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0
83.75°	3.4	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7
82.5°	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4
81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.1	4.0
80°	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5
78.75°	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1
77.5°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6
76.25°	7.2	7.1	7.0	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2
75°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.8	6.7
73.75°	8.1	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.1
72.5°	8.4	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.5
71.25°	8.9	8.8	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.9
70°	9.6	9.4	9.2	9.1	8.9	8.7	8.6	8.5	8.4	8.3	8.2
68.75°	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.6	8.4
67.5°	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.5	9.3	9.0	8.8
66.25°	12.3	12.0	11.7	11.3	11.0	10.7	10.3	10.1	9.8	9.6	9.3
65°	13.3	13.0	12.6	12.3	11.9	11.6	11.2	10.9	10.5	10.1	9.9
63.75°	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9	10.5
62.5°	15.6	15.2	14.8	14.4	13.9	13.5	13.1	12.6	12.2	11.8	11.3
61.25°	16.9	16.4	15.9	15.4	15.0	14.5	14.0	13.6	13.1	12.6	12.1
60°	18.2	17.7	17.2	16.6	16.1	15.5	15.0	14.5	14.0	13.5	13.0
58.75°	19.5	19.0	18.4	17.9	17.3	16.7	16.1	15.5	14.9	14.4	13.8
57.5°	20.8	20.3	19.7	19.1	18.5	17.9	17.3	16.6	15.9	15.3	14.7
56.25°	22.1	21.5	20.9	20.3	19.7	19.0	18.4	17.7	17.0	16.3	15.6
55°	22.9	22.5	22.1	21.5	20.9	20.2	19.5	18.8	18.1	17.4	16.6
53.75°	23.7	23.3	22.9	22.5	22.0	21.4	20.6	19.9	19.2	18.4	17.7
52.5°	24.5	24.0	23.6	23.2	22.8	22.3	21.8	21.0	20.2	19.5	18.7
51.25°	25.5	24.9	24.4	23.9	23.5	23.0	22.6	22.1	21.3	20.5	19.7
50°	26.4	25.9	25.3	24.8	24.2	23.7	23.2	22.7	22.2	21.5	20.6
48.75°	26.8	26.7	26.2	25.6	25.0	24.4	23.9	23.4	22.9	22.3	21.6
47.5°	27.1	27.0	26.8	26.5	25.9	25.3	24.6	24.0	23.5	22.9	22.4
46.25°	27.4	27.2	27.0	26.8	26.6	26.1	25.4	24.8	24.1	23.5	23.0
45°	27.4	27.4	27.3	27.1	26.9	26.7	26.2	25.5	24.8	24.1	23.5
43.75°	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.3	25.6	24.8	24.1
42.5°	27.4	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.3	25.5	24.8
41.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.2	25.4
40°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.1
38.75°	27.5	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.2	26.9	26.6
37.5°	27.8	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.1	26.8
36.25°	28.1	27.8	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.0
35°	28.4	28.1	27.8	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.2



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	28.8	28.4	28.1	27.8	27.5	27.4	27.4	27.4	27.4	27.4	27.4
32.5°	29.3	28.8	28.4	28.0	27.8	27.5	27.4	27.4	27.4	27.4	27.4
31.25°	29.6	29.2	28.8	28.3	28.0	27.7	27.4	27.4	27.4	27.4	27.4
30°	30.0	29.6	29.1	28.7	28.2	27.9	27.6	27.4	27.4	27.4	27.4
28.75°	30.4	29.9	29.5	29.0	28.5	28.1	27.8	27.5	27.4	27.4	27.4
27.5°	30.7	30.3	29.8	29.4	28.9	28.4	28.0	27.7	27.4	27.4	27.4
26.25°	31.0	30.6	30.1	29.7	29.2	28.7	28.2	27.8	27.5	27.4	27.4
25°	31.4	30.9	30.4	30.0	29.5	29.0	28.4	28.0	27.7	27.4	27.4
23.75°	31.7	31.2	30.7	30.3	29.8	29.3	28.7	28.2	27.8	27.5	27.4
22.5°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.4	28.0	27.7	27.4
21.25°	32.3	31.8	31.3	30.8	30.3	29.8	29.2	28.7	28.1	27.8	27.4
20°	32.6	32.1	31.6	31.0	30.5	30.0	29.5	28.9	28.3	27.9	27.6
18.75°	32.8	32.3	31.8	31.3	30.7	30.2	29.7	29.1	28.5	28.1	27.7
17.5°	33.1	32.6	32.0	31.5	31.0	30.4	29.9	29.3	28.7	28.2	27.8
16.25°	33.6	32.8	32.3	31.7	31.2	30.6	30.1	29.5	28.9	28.3	27.9
15°	34.0	33.0	32.5	31.9	31.4	30.8	30.3	29.7	29.1	28.5	28.0
13.75°	34.5	33.3	32.7	32.1	31.5	31.0	30.4	29.9	29.3	28.7	28.1
12.5°	34.9	33.7	32.8	32.3	31.7	31.1	30.6	30.0	29.4	28.8	28.2
11.25°	35.2	34.1	33.0	32.4	31.9	31.3	30.7	30.1	29.6	28.9	28.3
10°	35.6	34.4	33.2	32.6	32.0	31.4	30.8	30.2	29.7	29.1	28.4
8.75°	36.3	34.7	33.5	32.7	32.1	31.5	30.9	30.4	29.8	29.2	28.5
7.5°	37.0	34.9	33.7	32.8	32.2	31.6	31.0	30.4	29.9	29.2	28.6
6.25°	37.7	35.1	33.9	32.9	32.3	31.7	31.1	30.5	29.9	29.3	28.7
5°	38.2	35.3	34.1	33.0	32.4	31.8	31.2	30.6	30.0	29.4	28.7
3.75°	38.5	35.4	34.2	33.0	32.4	31.8	31.2	30.6	30.0	29.4	28.8
2.5°	38.8	35.5	34.3	33.1	32.5	31.9	31.3	30.7	30.1	29.5	28.8
1.25°	39.0	35.6	34.3	33.1	32.5	31.9	31.3	30.7	30.1	29.5	28.8
0°	39.1	35.6	34.4	33.1	32.5	31.9	31.3	30.7	30.1	29.5	28.9
-1.25°	39.0	35.6	34.3	33.1	32.5	31.9	31.3	30.7	30.1	29.5	28.8
-2.5°	38.8	35.5	34.3	33.1	32.5	31.9	31.3	30.7	30.1	29.5	28.8
-3.75°	38.5	35.4	34.2	33.0	32.4	31.8	31.2	30.6	30.0	29.4	28.8
-5°	38.2	35.3	34.1	33.0	32.4	31.8	31.2	30.6	30.0	29.4	28.7
-6.25°	37.7	35.1	33.9	32.9	32.3	31.7	31.1	30.5	29.9	29.3	28.7
-7.5°	37.0	34.9	33.7	32.8	32.2	31.6	31.0	30.4	29.9	29.2	28.6
-8.75°	36.3	34.7	33.5	32.7	32.1	31.5	30.9	30.4	29.8	29.2	28.5
-10°	35.6	34.4	33.2	32.6	32.0	31.4	30.8	30.2	29.7	29.1	28.4
-11.25°	35.2	34.1	33.0	32.4	31.9	31.3	30.7	30.1	29.6	28.9	28.3
-12.5°	34.9	33.7	32.8	32.3	31.7	31.1	30.6	30.0	29.4	28.8	28.2
-13.75°	34.5	33.3	32.7	32.1	31.5	31.0	30.4	29.9	29.3	28.7	28.1
-15°	34.0	33.0	32.5	31.9	31.4	30.8	30.3	29.7	29.1	28.5	28.0
-16.25°	33.6	32.8	32.3	31.7	31.2	30.6	30.1	29.5	28.9	28.3	27.9
-17.5°	33.1	32.6	32.0	31.5	31.0	30.4	29.9	29.3	28.7	28.2	27.8
-18.75°	32.8	32.3	31.8	31.3	30.7	30.2	29.7	29.1	28.5	28.1	27.7
-20°	32.6	32.1	31.6	31.0	30.5	30.0	29.5	28.9	28.3	27.9	27.6
-21.25°	32.3	31.8	31.3	30.8	30.3	29.8	29.2	28.7	28.1	27.8	27.4



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	32.0	31.5	31.0	30.5	30.0	29.5	29.0	28.4	28.0	27.7	27.4
-23.75°	31.7	31.2	30.7	30.3	29.8	29.3	28.7	28.2	27.8	27.5	27.4
-25°	31.4	30.9	30.4	30.0	29.5	29.0	28.4	28.0	27.7	27.4	27.4
-26.25°	31.0	30.6	30.1	29.7	29.2	28.7	28.2	27.8	27.5	27.4	27.4
-27.5°	30.7	30.3	29.8	29.4	28.9	28.4	28.0	27.7	27.4	27.4	27.4
-28.75°	30.4	29.9	29.5	29.0	28.5	28.1	27.8	27.5	27.4	27.4	27.4
-30°	30.0	29.6	29.1	28.7	28.2	27.9	27.6	27.4	27.4	27.4	27.4
-31.25°	29.6	29.2	28.8	28.3	28.0	27.7	27.4	27.4	27.4	27.4	27.4
-32.5°	29.3	28.8	28.4	28.0	27.8	27.5	27.4	27.4	27.4	27.4	27.4
-33.75°	28.8	28.4	28.1	27.8	27.5	27.4	27.4	27.4	27.4	27.4	27.4
-35°	28.4	28.1	27.8	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.2
-36.25°	28.1	27.8	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.3	27.0
-37.5°	27.8	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.1	26.8
-38.75°	27.5	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.2	26.9	26.6
-40°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.1
-41.25°	27.4	27.4	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.2	25.4
-42.5°	27.4	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.3	25.5	24.8
-43.75°	27.4	27.4	27.4	27.4	27.2	27.0	26.7	26.3	25.6	24.8	24.1
-45°	27.4	27.4	27.3	27.1	26.9	26.7	26.2	25.5	24.8	24.1	23.5
-46.25°	27.4	27.2	27.0	26.8	26.6	26.1	25.4	24.8	24.1	23.5	23.0
-47.5°	27.1	27.0	26.8	26.5	25.9	25.3	24.6	24.0	23.5	22.9	22.4
-48.75°	26.8	26.7	26.2	25.6	25.0	24.4	23.9	23.4	22.9	22.3	21.6
-50°	26.4	25.9	25.3	24.8	24.2	23.7	23.2	22.7	22.2	21.5	20.6
-51.25°	25.5	24.9	24.4	23.9	23.5	23.0	22.6	22.1	21.3	20.5	19.7
-52.5°	24.5	24.0	23.6	23.2	22.8	22.3	21.8	21.0	20.2	19.5	18.7
-53.75°	23.7	23.3	22.9	22.5	22.0	21.4	20.6	19.9	19.2	18.4	17.7
-55°	22.9	22.5	22.1	21.5	20.9	20.2	19.5	18.8	18.1	17.4	16.6
-56.25°	22.1	21.5	20.9	20.3	19.7	19.0	18.4	17.7	17.0	16.3	15.6
-57.5°	20.8	20.3	19.7	19.1	18.5	17.9	17.3	16.6	15.9	15.3	14.7
-58.75°	19.5	19.0	18.4	17.9	17.3	16.7	16.1	15.5	14.9	14.4	13.8
-60°	18.2	17.7	17.2	16.6	16.1	15.5	15.0	14.5	14.0	13.5	13.0
-61.25°	16.9	16.4	15.9	15.4	15.0	14.5	14.0	13.6	13.1	12.6	12.1
-62.5°	15.6	15.2	14.8	14.4	13.9	13.5	13.1	12.6	12.2	11.8	11.3
-63.75°	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9	10.5
-65°	13.3	13.0	12.6	12.3	11.9	11.6	11.2	10.9	10.5	10.1	9.9
-66.25°	12.3	12.0	11.7	11.3	11.0	10.7	10.3	10.1	9.8	9.6	9.3
-67.5°	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.5	9.3	9.0	8.8
-68.75°	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.6	8.4
-70°	9.6	9.4	9.2	9.1	8.9	8.7	8.6	8.5	8.4	8.3	8.2
-71.25°	8.9	8.8	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.9
-72.5°	8.4	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.5
-73.75°	8.1	8.0	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.1
-75°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.8	6.7
-76.25°	7.2	7.1	7.0	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2
-77.5°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.6



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1
-80°	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5
-81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.1	4.0
-82.5°	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4
-83.75°	3.4	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7
-85°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0
-86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-87.5°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
87.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
86.25°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
85°	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2
83.75°	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7
82.5°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2
81.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8
80°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
78.75°	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7
77.5°	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.1
76.25°	6.0	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.5
75°	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.9
73.75°	7.0	6.8	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2
72.5°	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.1	5.8	5.6
71.25°	7.8	7.7	7.5	7.3	7.2	7.0	6.8	6.6	6.5	6.2	6.0
70°	8.1	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4
68.75°	8.3	8.2	8.1	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7
67.5°	8.6	8.5	8.4	8.2	8.1	8.0	7.9	7.7	7.5	7.3	7.0
66.25°	9.1	8.9	8.6	8.5	8.3	8.2	8.1	7.9	7.8	7.6	7.3
65°	9.6	9.4	9.1	8.8	8.6	8.4	8.3	8.1	8.0	7.9	7.6
63.75°	10.1	9.9	9.6	9.3	9.0	8.7	8.5	8.4	8.2	8.0	7.9
62.5°	10.9	10.4	10.1	9.8	9.4	9.1	8.8	8.6	8.4	8.2	8.1
61.25°	11.7	11.2	10.7	10.2	9.9	9.6	9.2	8.9	8.6	8.4	8.3
60°	12.4	11.9	11.4	10.9	10.4	10.0	9.7	9.3	9.0	8.6	8.4
58.75°	13.3	12.7	12.2	11.6	11.1	10.6	10.1	9.7	9.4	9.0	8.6
57.5°	14.1	13.5	12.9	12.4	11.8	11.2	10.6	10.1	9.7	9.4	9.0
56.25°	15.0	14.4	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.7	9.3
55°	15.9	15.2	14.5	13.9	13.2	12.5	11.9	11.3	10.6	10.1	9.7
53.75°	16.9	16.1	15.3	14.6	13.9	13.2	12.5	11.9	11.2	10.6	10.0
52.5°	17.9	17.0	16.2	15.4	14.7	13.9	13.2	12.5	11.8	11.1	10.4
51.25°	18.8	18.0	17.1	16.2	15.4	14.6	13.9	13.1	12.4	11.6	10.9
50°	19.8	18.9	18.0	17.1	16.2	15.3	14.5	13.7	12.9	12.2	11.4
48.75°	20.7	19.8	18.9	18.0	17.0	16.1	15.2	14.4	13.5	12.7	11.9
47.5°	21.6	20.7	19.8	18.8	17.9	16.9	15.9	15.0	14.1	13.3	12.4
46.25°	22.4	21.6	20.6	19.7	18.7	17.7	16.6	15.6	14.7	13.8	13.0
45°	22.9	22.3	21.5	20.5	19.5	18.4	17.4	16.3	15.3	14.4	13.5
43.75°	23.5	22.9	22.2	21.3	20.2	19.2	18.1	17.0	15.9	14.9	14.0
42.5°	24.0	23.4	22.7	22.1	21.0	19.9	18.8	17.7	16.6	15.5	14.5
41.25°	24.6	23.9	23.2	22.6	21.8	20.6	19.5	18.4	17.3	16.1	15.0
40°	25.3	24.4	23.7	23.0	22.3	21.4	20.2	19.0	17.9	16.7	15.5
38.75°	25.9	25.0	24.2	23.5	22.8	22.0	20.9	19.7	18.5	17.3	16.1
37.5°	26.5	25.6	24.8	23.9	23.2	22.5	21.5	20.3	19.1	17.9	16.6
36.25°	26.8	26.2	25.3	24.4	23.6	22.9	22.1	20.9	19.7	18.4	17.2
35°	27.0	26.7	25.9	24.9	24.0	23.3	22.5	21.5	20.3	19.0	17.7



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	27.1	26.8	26.4	25.5	24.5	23.7	22.9	22.1	20.8	19.5	18.2
32.5°	27.3	27.0	26.7	26.0	25.0	24.0	23.2	22.5	21.4	20.0	18.7
31.25°	27.4	27.2	26.9	26.5	25.5	24.5	23.6	22.8	21.9	20.6	19.2
30°	27.4	27.3	27.0	26.7	25.9	24.9	23.9	23.1	22.3	21.0	19.7
28.75°	27.4	27.4	27.2	26.9	26.4	25.3	24.3	23.4	22.6	21.5	20.1
27.5°	27.4	27.4	27.3	27.0	26.7	25.7	24.7	23.7	22.9	22.0	20.6
26.25°	27.4	27.4	27.4	27.1	26.8	26.1	25.1	24.0	23.1	22.3	21.0
25°	27.4	27.4	27.4	27.3	26.9	26.5	25.4	24.3	23.4	22.5	21.4
23.75°	27.4	27.4	27.4	27.4	27.0	26.7	25.8	24.7	23.7	22.8	21.8
22.5°	27.4	27.4	27.4	27.4	27.2	26.8	26.1	25.0	23.9	23.0	22.1
21.25°	27.4	27.4	27.4	27.4	27.3	26.9	26.4	25.3	24.2	23.2	22.3
20°	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.6	24.4	23.4	22.5
18.75°	27.4	27.4	27.4	27.4	27.4	27.1	26.7	25.8	24.7	23.6	22.7
17.5°	27.4	27.4	27.4	27.4	27.4	27.2	26.8	26.1	24.9	23.8	22.9
16.25°	27.5	27.4	27.4	27.4	27.4	27.3	26.9	26.3	25.2	24.0	23.0
15°	27.6	27.4	27.4	27.4	27.4	27.3	27.0	26.6	25.4	24.2	23.2
13.75°	27.7	27.4	27.4	27.4	27.4	27.4	27.0	26.7	25.6	24.4	23.3
12.5°	27.8	27.4	27.4	27.4	27.4	27.4	27.1	26.7	25.7	24.5	23.5
11.25°	27.9	27.5	27.4	27.4	27.4	27.4	27.2	26.8	25.9	24.7	23.6
10°	27.9	27.6	27.4	27.4	27.4	27.4	27.2	26.8	26.0	24.8	23.7
8.75°	28.0	27.6	27.4	27.4	27.4	27.4	27.3	26.9	26.2	24.9	23.8
7.5°	28.1	27.7	27.4	27.4	27.4	27.4	27.3	26.9	26.3	25.1	23.9
6.25°	28.1	27.7	27.4	27.4	27.4	27.4	27.3	26.9	26.4	25.1	23.9
5°	28.1	27.7	27.4	27.4	27.4	27.4	27.4	27.0	26.5	25.2	24.0
3.75°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.5	25.3	24.0
2.5°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.3	24.1
1.25°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.3	24.1
0°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.4	24.1
-1.25°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.3	24.1
-2.5°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.3	24.1
-3.75°	28.2	27.8	27.4	27.4	27.4	27.4	27.4	27.0	26.5	25.3	24.0
-5°	28.1	27.7	27.4	27.4	27.4	27.4	27.4	27.0	26.5	25.2	24.0
-6.25°	28.1	27.7	27.4	27.4	27.4	27.4	27.3	26.9	26.4	25.1	23.9
-7.5°	28.1	27.7	27.4	27.4	27.4	27.4	27.3	26.9	26.3	25.1	23.9
-8.75°	28.0	27.6	27.4	27.4	27.4	27.4	27.3	26.9	26.2	24.9	23.8
-10°	27.9	27.6	27.4	27.4	27.4	27.4	27.2	26.8	26.0	24.8	23.7
-11.25°	27.9	27.5	27.4	27.4	27.4	27.4	27.2	26.8	25.9	24.7	23.6
-12.5°	27.8	27.4	27.4	27.4	27.4	27.4	27.1	26.7	25.7	24.5	23.5
-13.75°	27.7	27.4	27.4	27.4	27.4	27.4	27.0	26.7	25.6	24.4	23.3
-15°	27.6	27.4	27.4	27.4	27.4	27.3	27.0	26.6	25.4	24.2	23.2
-16.25°	27.5	27.4	27.4	27.4	27.4	27.3	26.9	26.3	25.2	24.0	23.0
-17.5°	27.4	27.4	27.4	27.4	27.4	27.2	26.8	26.1	24.9	23.8	22.9
-18.75°	27.4	27.4	27.4	27.4	27.4	27.1	26.7	25.8	24.7	23.6	22.7
-20°	27.4	27.4	27.4	27.4	27.4	27.0	26.6	25.6	24.4	23.4	22.5
-21.25°	27.4	27.4	27.4	27.4	27.3	26.9	26.4	25.3	24.2	23.2	22.3





REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	27.4	27.4	27.4	27.4	27.2	26.8	26.1	25.0	23.9	23.0	22.1
-23.75°	27.4	27.4	27.4	27.4	27.0	26.7	25.8	24.7	23.7	22.8	21.8
-25°	27.4	27.4	27.4	27.3	26.9	26.5	25.4	24.3	23.4	22.5	21.4
-26.25°	27.4	27.4	27.4	27.1	26.8	26.1	25.1	24.0	23.1	22.3	21.0
-27.5°	27.4	27.4	27.3	27.0	26.7	25.7	24.7	23.7	22.9	22.0	20.6
-28.75°	27.4	27.4	27.2	26.9	26.4	25.3	24.3	23.4	22.6	21.5	20.1
-30°	27.4	27.3	27.0	26.7	25.9	24.9	23.9	23.1	22.3	21.0	19.7
-31.25°	27.4	27.2	26.9	26.5	25.5	24.5	23.6	22.8	21.9	20.6	19.2
-32.5°	27.3	27.0	26.7	26.0	25.0	24.0	23.2	22.5	21.4	20.0	18.7
-33.75°	27.1	26.8	26.4	25.5	24.5	23.7	22.9	22.1	20.8	19.5	18.2
-35°	27.0	26.7	25.9	24.9	24.0	23.3	22.5	21.5	20.3	19.0	17.7
-36.25°	26.8	26.2	25.3	24.4	23.6	22.9	22.1	20.9	19.7	18.4	17.2
-37.5°	26.5	25.6	24.8	23.9	23.2	22.5	21.5	20.3	19.1	17.9	16.6
-38.75°	25.9	25.0	24.2	23.5	22.8	22.0	20.9	19.7	18.5	17.3	16.1
-40°	25.3	24.4	23.7	23.0	22.3	21.4	20.2	19.0	17.9	16.7	15.5
-41.25°	24.6	23.9	23.2	22.6	21.8	20.6	19.5	18.4	17.3	16.1	15.0
-42.5°	24.0	23.4	22.7	22.1	21.0	19.9	18.8	17.7	16.6	15.5	14.5
-43.75°	23.5	22.9	22.2	21.3	20.2	19.2	18.1	17.0	15.9	14.9	14.0
-45°	22.9	22.3	21.5	20.5	19.5	18.4	17.4	16.3	15.3	14.4	13.5
-46.25°	22.4	21.6	20.6	19.7	18.7	17.7	16.6	15.6	14.7	13.8	13.0
-47.5°	21.6	20.7	19.8	18.8	17.9	16.9	15.9	15.0	14.1	13.3	12.4
-48.75°	20.7	19.8	18.9	18.0	17.0	16.1	15.2	14.4	13.5	12.7	11.9
-50°	19.8	18.9	18.0	17.1	16.2	15.3	14.5	13.7	12.9	12.2	11.4
-51.25°	18.8	18.0	17.1	16.2	15.4	14.6	13.9	13.1	12.4	11.6	10.9
-52.5°	17.9	17.0	16.2	15.4	14.7	13.9	13.2	12.5	11.8	11.1	10.4
-53.75°	16.9	16.1	15.3	14.6	13.9	13.2	12.5	11.9	11.2	10.6	10.0
-55°	15.9	15.2	14.5	13.9	13.2	12.5	11.9	11.3	10.6	10.1	9.7
-56.25°	15.0	14.4	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.7	9.3
-57.5°	14.1	13.5	12.9	12.4	11.8	11.2	10.6	10.1	9.7	9.4	9.0
-58.75°	13.3	12.7	12.2	11.6	11.1	10.6	10.1	9.7	9.4	9.0	8.6
-60°	12.4	11.9	11.4	10.9	10.4	10.0	9.7	9.3	9.0	8.6	8.4
-61.25°	11.7	11.2	10.7	10.2	9.9	9.6	9.2	8.9	8.6	8.4	8.3
-62.5°	10.9	10.4	10.1	9.8	9.4	9.1	8.8	8.6	8.4	8.2	8.1
-63.75°	10.1	9.9	9.6	9.3	9.0	8.7	8.5	8.4	8.2	8.0	7.9
-65°	9.6	9.4	9.1	8.8	8.6	8.4	8.3	8.1	8.0	7.9	7.6
-66.25°	9.1	8.9	8.6	8.5	8.3	8.2	8.1	7.9	7.8	7.6	7.3
-67.5°	8.6	8.5	8.4	8.2	8.1	8.0	7.9	7.7	7.5	7.3	7.0
-68.75°	8.3	8.2	8.1	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7
-70°	8.1	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4
-71.25°	7.8	7.7	7.5	7.3	7.2	7.0	6.8	6.6	6.5	6.2	6.0
-72.5°	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.1	5.8	5.6
-73.75°	7.0	6.8	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2
-75°	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.9
-76.25°	6.0	5.9	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.5
-77.5°	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.2	4.1



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.8	3.7
-80°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3
-81.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8
-82.5°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2
-83.75°	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7
-85°	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2
-86.25°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
-87.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
86.25°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
85°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
83.75°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
82.5°	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.2	1.1	1.0
81.25°	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
80°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.4
78.75°	3.5	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7
77.5°	3.9	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0
76.25°	4.3	4.1	4.0	3.8	3.6	3.4	3.3	3.0	2.8	2.5	2.3
75°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.1	2.8	2.6
73.75°	5.1	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9
72.5°	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.6	3.4	3.2
71.25°	5.8	5.6	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.4
70°	6.2	5.9	5.7	5.4	5.2	4.9	4.7	4.4	4.1	3.9	3.6
68.75°	6.5	6.3	6.0	5.7	5.5	5.2	4.9	4.7	4.4	4.1	3.8
67.5°	6.8	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0
66.25°	7.1	6.9	6.6	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.2
65°	7.4	7.2	6.9	6.7	6.4	6.1	5.7	5.4	5.1	4.8	4.4
63.75°	7.7	7.4	7.2	6.9	6.6	6.3	6.0	5.7	5.3	5.0	4.7
62.5°	7.9	7.7	7.4	7.2	6.9	6.6	6.3	5.9	5.6	5.2	4.9
61.25°	8.1	7.9	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.4	5.1
60°	8.3	8.1	7.9	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.2
58.75°	8.4	8.2	8.0	7.9	7.6	7.3	6.9	6.6	6.2	5.8	5.4
57.5°	8.6	8.4	8.2	8.0	7.8	7.5	7.1	6.8	6.5	6.1	5.6
56.25°	8.9	8.6	8.4	8.1	7.9	7.7	7.3	7.0	6.6	6.3	5.8
55°	9.2	8.8	8.5	8.3	8.1	7.9	7.5	7.2	6.8	6.5	6.0
53.75°	9.6	9.1	8.7	8.4	8.2	8.0	7.7	7.4	7.0	6.6	6.2
52.5°	9.9	9.4	9.0	8.6	8.3	8.1	7.9	7.5	7.2	6.8	6.4
51.25°	10.2	9.8	9.3	8.8	8.5	8.2	8.0	7.7	7.3	6.9	6.5
50°	10.7	10.1	9.6	9.1	8.6	8.4	8.1	7.9	7.5	7.1	6.7
48.75°	11.2	10.4	9.9	9.4	8.9	8.5	8.2	8.0	7.7	7.2	6.8
47.5°	11.7	10.9	10.1	9.6	9.1	8.6	8.3	8.1	7.8	7.4	7.0
46.25°	12.1	11.3	10.5	9.9	9.3	8.8	8.4	8.2	7.9	7.5	7.1
45°	12.6	11.8	10.9	10.1	9.6	9.0	8.6	8.3	8.0	7.7	7.2
43.75°	13.1	12.2	11.3	10.5	9.8	9.3	8.7	8.4	8.1	7.8	7.4
42.5°	13.6	12.6	11.7	10.9	10.1	9.5	8.9	8.5	8.2	7.9	7.5
41.25°	14.0	13.1	12.1	11.2	10.3	9.7	9.1	8.6	8.3	8.0	7.6
40°	14.5	13.5	12.5	11.6	10.7	9.9	9.3	8.7	8.4	8.1	7.7
38.75°	15.0	13.9	12.9	11.9	11.0	10.1	9.5	8.9	8.4	8.1	7.8
37.5°	15.4	14.4	13.3	12.3	11.3	10.4	9.7	9.1	8.5	8.2	7.9
36.25°	15.9	14.8	13.7	12.6	11.7	10.7	9.9	9.2	8.6	8.3	8.0
35°	16.4	15.2	14.1	13.0	12.0	11.0	10.1	9.4	8.8	8.4	8.0



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	16.9	15.6	14.5	13.3	12.3	11.3	10.2	9.6	8.9	8.4	8.1
32.5°	17.4	16.1	14.8	13.7	12.6	11.5	10.5	9.7	9.1	8.5	8.2
31.25°	17.9	16.5	15.2	14.0	12.9	11.8	10.8	9.9	9.2	8.6	8.2
30°	18.3	16.9	15.5	14.3	13.2	12.1	11.0	10.0	9.3	8.7	8.3
28.75°	18.7	17.3	15.9	14.7	13.5	12.3	11.2	10.2	9.5	8.8	8.3
27.5°	19.1	17.7	16.3	15.0	13.7	12.5	11.5	10.4	9.6	8.9	8.4
26.25°	19.5	18.1	16.6	15.2	14.0	12.8	11.7	10.6	9.7	9.0	8.5
25°	19.9	18.5	17.0	15.5	14.3	13.0	11.9	10.8	9.8	9.1	8.5
23.75°	20.3	18.8	17.3	15.8	14.5	13.3	12.1	10.9	10.0	9.2	8.5
22.5°	20.6	19.1	17.6	16.1	14.8	13.5	12.3	11.1	10.1	9.3	8.6
21.25°	21.0	19.4	17.9	16.4	15.0	13.7	12.4	11.3	10.2	9.4	8.7
20°	21.3	19.7	18.2	16.7	15.2	13.9	12.6	11.4	10.3	9.5	8.8
18.75°	21.6	20.0	18.5	16.9	15.4	14.1	12.8	11.6	10.4	9.6	8.8
17.5°	21.8	20.3	18.7	17.2	15.6	14.3	12.9	11.7	10.6	9.7	8.9
16.25°	22.1	20.5	19.0	17.4	15.8	14.4	13.1	11.9	10.7	9.7	9.0
15°	22.2	20.8	19.2	17.6	16.0	14.6	13.3	12.0	10.8	9.8	9.0
13.75°	22.4	21.0	19.4	17.8	16.2	14.7	13.4	12.1	10.9	9.9	9.1
12.5°	22.5	21.2	19.6	18.0	16.4	14.9	13.5	12.2	11.0	9.9	9.1
11.25°	22.6	21.3	19.7	18.1	16.5	15.0	13.6	12.3	11.1	10.0	9.2
10°	22.7	21.5	19.9	18.3	16.6	15.1	13.7	12.4	11.2	10.0	9.2
8.75°	22.8	21.6	20.0	18.4	16.8	15.2	13.8	12.5	11.2	10.1	9.3
7.5°	22.9	21.8	20.1	18.5	16.9	15.3	13.9	12.5	11.3	10.1	9.3
6.25°	23.0	21.9	20.2	18.6	17.0	15.3	14.0	12.6	11.3	10.1	9.3
5°	23.0	22.0	20.3	18.7	17.0	15.4	14.0	12.6	11.4	10.2	9.4
3.75°	23.0	22.0	20.4	18.7	17.1	15.4	14.0	12.7	11.4	10.2	9.4
2.5°	23.1	22.1	20.4	18.8	17.1	15.5	14.1	12.7	11.4	10.2	9.4
1.25°	23.1	22.1	20.4	18.8	17.1	15.5	14.1	12.7	11.4	10.2	9.4
0°	23.1	22.1	20.5	18.8	17.2	15.5	14.1	12.7	11.5	10.2	9.4
-1.25°	23.1	22.1	20.4	18.8	17.1	15.5	14.1	12.7	11.4	10.2	9.4
-2.5°	23.1	22.1	20.4	18.8	17.1	15.5	14.1	12.7	11.4	10.2	9.4
-3.75°	23.0	22.0	20.4	18.7	17.1	15.4	14.0	12.7	11.4	10.2	9.4
-5°	23.0	22.0	20.3	18.7	17.0	15.4	14.0	12.6	11.4	10.2	9.4
-6.25°	23.0	21.9	20.2	18.6	17.0	15.3	14.0	12.6	11.3	10.1	9.3
-7.5°	22.9	21.8	20.1	18.5	16.9	15.3	13.9	12.5	11.3	10.1	9.3
-8.75°	22.8	21.6	20.0	18.4	16.8	15.2	13.8	12.5	11.2	10.1	9.3
-10°	22.7	21.5	19.9	18.3	16.6	15.1	13.7	12.4	11.2	10.0	9.2
-11.25°	22.6	21.3	19.7	18.1	16.5	15.0	13.6	12.3	11.1	10.0	9.2
-12.5°	22.5	21.2	19.6	18.0	16.4	14.9	13.5	12.2	11.0	9.9	9.1
-13.75°	22.4	21.0	19.4	17.8	16.2	14.7	13.4	12.1	10.9	9.9	9.1
-15°	22.2	20.8	19.2	17.6	16.0	14.6	13.3	12.0	10.8	9.8	9.0
-16.25°	22.1	20.5	19.0	17.4	15.8	14.4	13.1	11.9	10.7	9.7	9.0
-17.5°	21.8	20.3	18.7	17.2	15.6	14.3	12.9	11.7	10.6	9.7	8.9
-18.75°	21.6	20.0	18.5	16.9	15.4	14.1	12.8	11.6	10.4	9.6	8.8
-20°	21.3	19.7	18.2	16.7	15.2	13.9	12.6	11.4	10.3	9.5	8.8
-21.25°	21.0	19.4	17.9	16.4	15.0	13.7	12.4	11.3	10.2	9.4	8.7



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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°	20.6	19.1	17.6	16.1	14.8	13.5	12.3	11.1	10.1	9.3	8.6
-23.75°	20.3	18.8	17.3	15.8	14.5	13.3	12.1	10.9	10.0	9.2	8.5
-25°	19.9	18.5	17.0	15.5	14.3	13.0	11.9	10.8	9.8	9.1	8.5
-26.25°	19.5	18.1	16.6	15.2	14.0	12.8	11.7	10.6	9.7	9.0	8.5
-27.5°	19.1	17.7	16.3	15.0	13.7	12.5	11.5	10.4	9.6	8.9	8.4
-28.75°	18.7	17.3	15.9	14.7	13.5	12.3	11.2	10.2	9.5	8.8	8.3
-30°	18.3	16.9	15.5	14.3	13.2	12.1	11.0	10.0	9.3	8.7	8.3
-31.25°	17.9	16.5	15.2	14.0	12.9	11.8	10.8	9.9	9.2	8.6	8.2
-32.5°	17.4	16.1	14.8	13.7	12.6	11.5	10.5	9.7	9.1	8.5	8.2
-33.75°	16.9	15.6	14.5	13.3	12.3	11.3	10.2	9.6	8.9	8.4	8.1
-35°	16.4	15.2	14.1	13.0	12.0	11.0	10.1	9.4	8.8	8.4	8.0
-36.25°	15.9	14.8	13.7	12.6	11.7	10.7	9.9	9.2	8.6	8.3	8.0
-37.5°	15.4	14.4	13.3	12.3	11.3	10.4	9.7	9.1	8.5	8.2	7.9
-38.75°	15.0	13.9	12.9	11.9	11.0	10.1	9.5	8.9	8.4	8.1	7.8
-40°	14.5	13.5	12.5	11.6	10.7	9.9	9.3	8.7	8.4	8.1	7.7
-41.25°	14.0	13.1	12.1	11.2	10.3	9.7	9.1	8.6	8.3	8.0	7.6
-42.5°	13.6	12.6	11.7	10.9	10.1	9.5	8.9	8.5	8.2	7.9	7.5
-43.75°	13.1	12.2	11.3	10.5	9.8	9.3	8.7	8.4	8.1	7.8	7.4
-45°	12.6	11.8	10.9	10.1	9.6	9.0	8.6	8.3	8.0	7.7	7.2
-46.25°	12.1	11.3	10.5	9.9	9.3	8.8	8.4	8.2	7.9	7.5	7.1
-47.5°	11.7	10.9	10.1	9.6	9.1	8.6	8.3	8.1	7.8	7.4	7.0
-48.75°	11.2	10.4	9.9	9.4	8.9	8.5	8.2	8.0	7.7	7.2	6.8
-50°	10.7	10.1	9.6	9.1	8.6	8.4	8.1	7.9	7.5	7.1	6.7
-51.25°	10.2	9.8	9.3	8.8	8.5	8.2	8.0	7.7	7.3	6.9	6.5
-52.5°	9.9	9.4	9.0	8.6	8.3	8.1	7.9	7.5	7.2	6.8	6.4
-53.75°	9.6	9.1	8.7	8.4	8.2	8.0	7.7	7.4	7.0	6.6	6.2
-55°	9.2	8.8	8.5	8.3	8.1	7.9	7.5	7.2	6.8	6.5	6.0
-56.25°	8.9	8.6	8.4	8.1	7.9	7.7	7.3	7.0	6.6	6.3	5.8
-57.5°	8.6	8.4	8.2	8.0	7.8	7.5	7.1	6.8	6.5	6.1	5.6
-58.75°	8.4	8.2	8.0	7.9	7.6	7.3	6.9	6.6	6.2	5.8	5.4
-60°	8.3	8.1	7.9	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.2
-61.25°	8.1	7.9	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.4	5.1
-62.5°	7.9	7.7	7.4	7.2	6.9	6.6	6.3	5.9	5.6	5.2	4.9
-63.75°	7.7	7.4	7.2	6.9	6.6	6.3	6.0	5.7	5.3	5.0	4.7
-65°	7.4	7.2	6.9	6.7	6.4	6.1	5.7	5.4	5.1	4.8	4.4
-66.25°	7.1	6.9	6.6	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.2
-67.5°	6.8	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0
-68.75°	6.5	6.3	6.0	5.7	5.5	5.2	4.9	4.7	4.4	4.1	3.8
-70°	6.2	5.9	5.7	5.4	5.2	4.9	4.7	4.4	4.1	3.9	3.6
-71.25°	5.8	5.6	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.4
-72.5°	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.6	3.4	3.2
-73.75°	5.1	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9
-75°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.1	2.8	2.6
-76.25°	4.3	4.1	4.0	3.8	3.6	3.4	3.3	3.0	2.8	2.5	2.3
-77.5°	3.9	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.5	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7
-80°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.4
-81.25°	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2
-82.5°	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.2	1.1	1.0
-83.75°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-85°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-86.25°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
-87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
87.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
86.25°	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
85°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
83.75°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
82.5°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
81.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
80°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
78.75°	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
77.5°	1.8	1.6	1.4	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
76.25°	2.1	1.8	1.6	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
75°	2.3	2.1	1.8	1.5	1.3	1.1	0.9	0.8	0.6	0.5	0.3
73.75°	2.6	2.3	2.0	1.7	1.4	1.2	1.0	0.8	0.7	0.5	0.3
72.5°	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.5	0.4
71.25°	3.1	2.8	2.5	2.1	1.8	1.5	1.2	1.0	0.8	0.6	0.4
70°	3.4	3.0	2.7	2.3	2.0	1.6	1.2	1.0	0.8	0.6	0.4
68.75°	3.5	3.3	2.9	2.5	2.1	1.8	1.4	1.1	0.9	0.7	0.4
67.5°	3.7	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.9	0.7	0.5
66.25°	3.9	3.6	3.3	2.9	2.5	2.1	1.6	1.2	1.0	0.7	0.5
65°	4.1	3.8	3.5	3.1	2.6	2.2	1.8	1.3	1.0	0.8	0.5
63.75°	4.3	4.0	3.6	3.3	2.8	2.3	1.9	1.4	1.1	0.8	0.5
62.5°	4.5	4.1	3.8	3.4	3.0	2.5	2.0	1.5	1.1	0.8	0.6
61.25°	4.7	4.3	3.9	3.5	3.1	2.6	2.1	1.6	1.2	0.9	0.6
60°	4.9	4.5	4.1	3.7	3.3	2.8	2.2	1.7	1.2	0.9	0.6
58.75°	5.0	4.6	4.2	3.8	3.4	2.9	2.4	1.8	1.3	0.9	0.6
57.5°	5.2	4.8	4.4	4.0	3.5	3.0	2.5	1.9	1.4	1.0	0.6
56.25°	5.4	5.0	4.5	4.1	3.6	3.2	2.6	2.0	1.4	1.0	0.7
55°	5.6	5.1	4.7	4.2	3.8	3.3	2.7	2.1	1.5	1.0	0.7
53.75°	5.7	5.3	4.8	4.3	3.9	3.4	2.8	2.2	1.6	1.1	0.7
52.5°	5.9	5.4	4.9	4.5	4.0	3.5	2.9	2.3	1.7	1.1	0.7
51.25°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.4	1.7	1.1	0.8
50°	6.2	5.7	5.2	4.7	4.2	3.7	3.1	2.5	1.8	1.2	0.8
48.75°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.6	1.9	1.2	0.8
47.5°	6.5	6.0	5.5	4.9	4.4	3.9	3.3	2.6	1.9	1.2	0.8
46.25°	6.7	6.2	5.6	5.1	4.5	4.0	3.4	2.7	2.0	1.3	0.8
45°	6.8	6.3	5.7	5.2	4.6	4.1	3.5	2.8	2.1	1.3	0.8
43.75°	6.9	6.4	5.9	5.3	4.7	4.1	3.6	2.9	2.1	1.4	0.9
42.5°	7.0	6.5	6.0	5.4	4.8	4.2	3.6	3.0	2.2	1.4	0.9
41.25°	7.1	6.7	6.1	5.5	4.9	4.3	3.7	3.0	2.3	1.5	0.9
40°	7.2	6.8	6.2	5.6	5.0	4.4	3.8	3.1	2.3	1.5	0.9
38.75°	7.4	6.9	6.3	5.7	5.1	4.5	3.8	3.2	2.4	1.6	0.9
37.5°	7.5	7.0	6.4	5.8	5.2	4.5	3.9	3.3	2.4	1.6	1.0
36.25°	7.6	7.0	6.5	5.9	5.3	4.6	4.0	3.3	2.5	1.6	1.0
35°	7.7	7.1	6.6	6.0	5.3	4.7	4.0	3.4	2.5	1.7	1.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	7.8	7.2	6.7	6.1	5.4	4.8	4.1	3.4	2.6	1.7	1.0
32.5°	7.8	7.3	6.8	6.2	5.5	4.8	4.1	3.5	2.6	1.8	1.0
31.25°	7.9	7.4	6.8	6.2	5.6	4.9	4.2	3.5	2.7	1.8	1.0
30°	7.9	7.5	6.9	6.3	5.6	4.9	4.3	3.6	2.7	1.8	1.0
28.75°	8.0	7.6	7.0	6.4	5.7	5.0	4.3	3.6	2.8	1.9	1.1
27.5°	8.0	7.6	7.1	6.5	5.8	5.1	4.4	3.6	2.8	1.9	1.1
26.25°	8.1	7.7	7.1	6.5	5.8	5.1	4.4	3.7	2.9	1.9	1.1
25°	8.1	7.8	7.2	6.6	5.9	5.2	4.4	3.7	2.9	2.0	1.1
23.75°	8.2	7.8	7.2	6.6	6.0	5.2	4.5	3.8	2.9	2.0	1.1
22.5°	8.2	7.9	7.3	6.7	6.0	5.3	4.5	3.8	3.0	2.0	1.1
21.25°	8.3	7.9	7.4	6.7	6.1	5.3	4.6	3.8	3.0	2.0	1.1
20°	8.3	7.9	7.4	6.8	6.1	5.4	4.6	3.9	3.0	2.1	1.1
18.75°	8.3	8.0	7.4	6.8	6.2	5.4	4.6	3.9	3.1	2.1	1.1
17.5°	8.4	8.0	7.5	6.9	6.2	5.4	4.7	3.9	3.1	2.1	1.1
16.25°	8.4	8.0	7.5	6.9	6.2	5.5	4.7	3.9	3.1	2.1	1.2
15°	8.4	8.0	7.6	6.9	6.3	5.5	4.7	4.0	3.2	2.1	1.2
13.75°	8.5	8.1	7.6	7.0	6.3	5.5	4.8	4.0	3.2	2.2	1.2
12.5°	8.5	8.1	7.6	7.0	6.3	5.6	4.8	4.0	3.2	2.2	1.2
11.25°	8.5	8.1	7.7	7.0	6.4	5.6	4.8	4.0	3.2	2.2	1.2
10°	8.5	8.1	7.7	7.1	6.4	5.6	4.8	4.0	3.2	2.2	1.2
8.75°	8.5	8.1	7.7	7.1	6.4	5.6	4.8	4.1	3.3	2.2	1.2
7.5°	8.6	8.2	7.7	7.1	6.4	5.7	4.9	4.1	3.3	2.2	1.2
6.25°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
5°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
3.75°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
2.5°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
1.25°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
0°	8.6	8.2	7.8	7.2	6.5	5.7	4.9	4.1	3.3	2.3	1.2
-1.25°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
-2.5°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
-3.75°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
-5°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
-6.25°	8.6	8.2	7.8	7.1	6.5	5.7	4.9	4.1	3.3	2.2	1.2
-7.5°	8.6	8.2	7.7	7.1	6.4	5.7	4.9	4.1	3.3	2.2	1.2
-8.75°	8.5	8.1	7.7	7.1	6.4	5.6	4.8	4.1	3.3	2.2	1.2
-10°	8.5	8.1	7.7	7.1	6.4	5.6	4.8	4.0	3.2	2.2	1.2
-11.25°	8.5	8.1	7.7	7.0	6.4	5.6	4.8	4.0	3.2	2.2	1.2
-12.5°	8.5	8.1	7.6	7.0	6.3	5.6	4.8	4.0	3.2	2.2	1.2
-13.75°	8.5	8.1	7.6	7.0	6.3	5.5	4.8	4.0	3.2	2.2	1.2
-15°	8.4	8.0	7.6	6.9	6.3	5.5	4.7	4.0	3.2	2.1	1.2
-16.25°	8.4	8.0	7.5	6.9	6.2	5.5	4.7	3.9	3.1	2.1	1.2
-17.5°	8.4	8.0	7.5	6.9	6.2	5.4	4.7	3.9	3.1	2.1	1.1
-18.75°	8.3	8.0	7.4	6.8	6.2	5.4	4.6	3.9	3.1	2.1	1.1
-20°	8.3	7.9	7.4	6.8	6.1	5.4	4.6	3.9	3.0	2.1	1.1
-21.25°	8.3	7.9	7.4	6.7	6.1	5.3	4.6	3.8	3.0	2.0	1.1





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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	8.2	7.9	7.3	6.7	6.0	5.3	4.5	3.8	3.0	2.0	1.1
-23.75°	8.2	7.8	7.2	6.6	6.0	5.2	4.5	3.8	2.9	2.0	1.1
-25°	8.1	7.8	7.2	6.6	5.9	5.2	4.4	3.7	2.9	2.0	1.1
-26.25°	8.1	7.7	7.1	6.5	5.8	5.1	4.4	3.7	2.9	1.9	1.1
-27.5°	8.0	7.6	7.1	6.5	5.8	5.1	4.4	3.6	2.8	1.9	1.1
-28.75°	8.0	7.6	7.0	6.4	5.7	5.0	4.3	3.6	2.8	1.9	1.1
-30°	7.9	7.5	6.9	6.3	5.6	4.9	4.3	3.6	2.7	1.8	1.0
-31.25°	7.9	7.4	6.8	6.2	5.6	4.9	4.2	3.5	2.7	1.8	1.0
-32.5°	7.8	7.3	6.8	6.2	5.5	4.8	4.1	3.5	2.6	1.8	1.0
-33.75°	7.8	7.2	6.7	6.1	5.4	4.8	4.1	3.4	2.6	1.7	1.0
-35°	7.7	7.1	6.6	6.0	5.3	4.7	4.0	3.4	2.5	1.7	1.0
-36.25°	7.6	7.0	6.5	5.9	5.3	4.6	4.0	3.3	2.5	1.6	1.0
-37.5°	7.5	7.0	6.4	5.8	5.2	4.5	3.9	3.3	2.4	1.6	1.0
-38.75°	7.4	6.9	6.3	5.7	5.1	4.5	3.8	3.2	2.4	1.6	0.9
-40°	7.2	6.8	6.2	5.6	5.0	4.4	3.8	3.1	2.3	1.5	0.9
-41.25°	7.1	6.7	6.1	5.5	4.9	4.3	3.7	3.0	2.3	1.5	0.9
-42.5°	7.0	6.5	6.0	5.4	4.8	4.2	3.6	3.0	2.2	1.4	0.9
-43.75°	6.9	6.4	5.9	5.3	4.7	4.1	3.6	2.9	2.1	1.4	0.9
-45°	6.8	6.3	5.7	5.2	4.6	4.1	3.5	2.8	2.1	1.3	0.8
-46.25°	6.7	6.2	5.6	5.1	4.5	4.0	3.4	2.7	2.0	1.3	0.8
-47.5°	6.5	6.0	5.5	4.9	4.4	3.9	3.3	2.6	1.9	1.2	0.8
-48.75°	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.6	1.9	1.2	0.8
-50°	6.2	5.7	5.2	4.7	4.2	3.7	3.1	2.5	1.8	1.2	0.8
-51.25°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.4	1.7	1.1	0.8
-52.5°	5.9	5.4	4.9	4.5	4.0	3.5	2.9	2.3	1.7	1.1	0.7
-53.75°	5.7	5.3	4.8	4.3	3.9	3.4	2.8	2.2	1.6	1.1	0.7
-55°	5.6	5.1	4.7	4.2	3.8	3.3	2.7	2.1	1.5	1.0	0.7
-56.25°	5.4	5.0	4.5	4.1	3.6	3.2	2.6	2.0	1.4	1.0	0.7
-57.5°	5.2	4.8	4.4	4.0	3.5	3.0	2.5	1.9	1.4	1.0	0.6
-58.75°	5.0	4.6	4.2	3.8	3.4	2.9	2.4	1.8	1.3	0.9	0.6
-60°	4.9	4.5	4.1	3.7	3.3	2.8	2.2	1.7	1.2	0.9	0.6
-61.25°	4.7	4.3	3.9	3.5	3.1	2.6	2.1	1.6	1.2	0.9	0.6
-62.5°	4.5	4.1	3.8	3.4	3.0	2.5	2.0	1.5	1.1	0.8	0.6
-63.75°	4.3	4.0	3.6	3.3	2.8	2.3	1.9	1.4	1.1	0.8	0.5
-65°	4.1	3.8	3.5	3.1	2.6	2.2	1.8	1.3	1.0	0.8	0.5
-66.25°	3.9	3.6	3.3	2.9	2.5	2.1	1.6	1.2	1.0	0.7	0.5
-67.5°	3.7	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.9	0.7	0.5
-68.75°	3.5	3.3	2.9	2.5	2.1	1.8	1.4	1.1	0.9	0.7	0.4
-70°	3.4	3.0	2.7	2.3	2.0	1.6	1.2	1.0	0.8	0.6	0.4
-71.25°	3.1	2.8	2.5	2.1	1.8	1.5	1.2	1.0	0.8	0.6	0.4
-72.5°	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.5	0.4
-73.75°	2.6	2.3	2.0	1.7	1.4	1.2	1.0	0.8	0.7	0.5	0.3
-75°	2.3	2.1	1.8	1.5	1.3	1.1	0.9	0.8	0.6	0.5	0.3
-76.25°	2.1	1.8	1.6	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
-77.5°	1.8	1.6	1.4	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.5	0.0
32.5°	0.5	0.0
31.25°	0.5	0.0
30°	0.5	0.0
28.75°	0.5	0.0
27.5°	0.5	0.0
26.25°	0.5	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.6	0.0
21.25°	0.6	0.0
20°	0.6	0.0
18.75°	0.6	0.0
17.5°	0.6	0.0
16.25°	0.6	0.0
15°	0.6	0.0
13.75°	0.6	0.0
12.5°	0.6	0.0
11.25°	0.6	0.0
10°	0.6	0.0
8.75°	0.6	0.0
7.5°	0.6	0.0
6.25°	0.6	0.0
5°	0.6	0.0
3.75°	0.6	0.0
2.5°	0.6	0.0
1.25°	0.6	0.0
0°	0.6	0.0
-1.25°	0.6	0.0
-2.5°	0.6	0.0
-3.75°	0.6	0.0
-5°	0.6	0.0
-6.25°	0.6	0.0
-7.5°	0.6	0.0
-8.75°	0.6	0.0
-10°	0.6	0.0
-11.25°	0.6	0.0
-12.5°	0.6	0.0
-13.75°	0.6	0.0
-15°	0.6	0.0
-16.25°	0.6	0.0
-17.5°	0.6	0.0
-18.75°	0.6	0.0
-20°	0.6	0.0
-21.25°	0.6	0.0



REPORT NUMBER: P220433 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0.6	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.5	0.0
-27.5°	0.5	0.0
-28.75°	0.5	0.0
-30°	0.5	0.0
-31.25°	0.5	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.5	0.0
-37.5°	0.5	0.0
-38.75°	0.5	0.0
-40°	0.5	0.0
-41.25°	0.5	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.4	0.0
-52.5°	0.4	0.0
-53.75°	0.4	0.0
-55°	0.3	0.0
-56.25°	0.3	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	0.0
-63.75°	0.3	0.0
-65°	0.3	0.0
-66.25°	0.2	0.0
-67.5°	0.2	0.0
-68.75°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.2	0.0
-75°	0.2	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)