

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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV**

Issue Date: 3/3/2020

**Test Information**

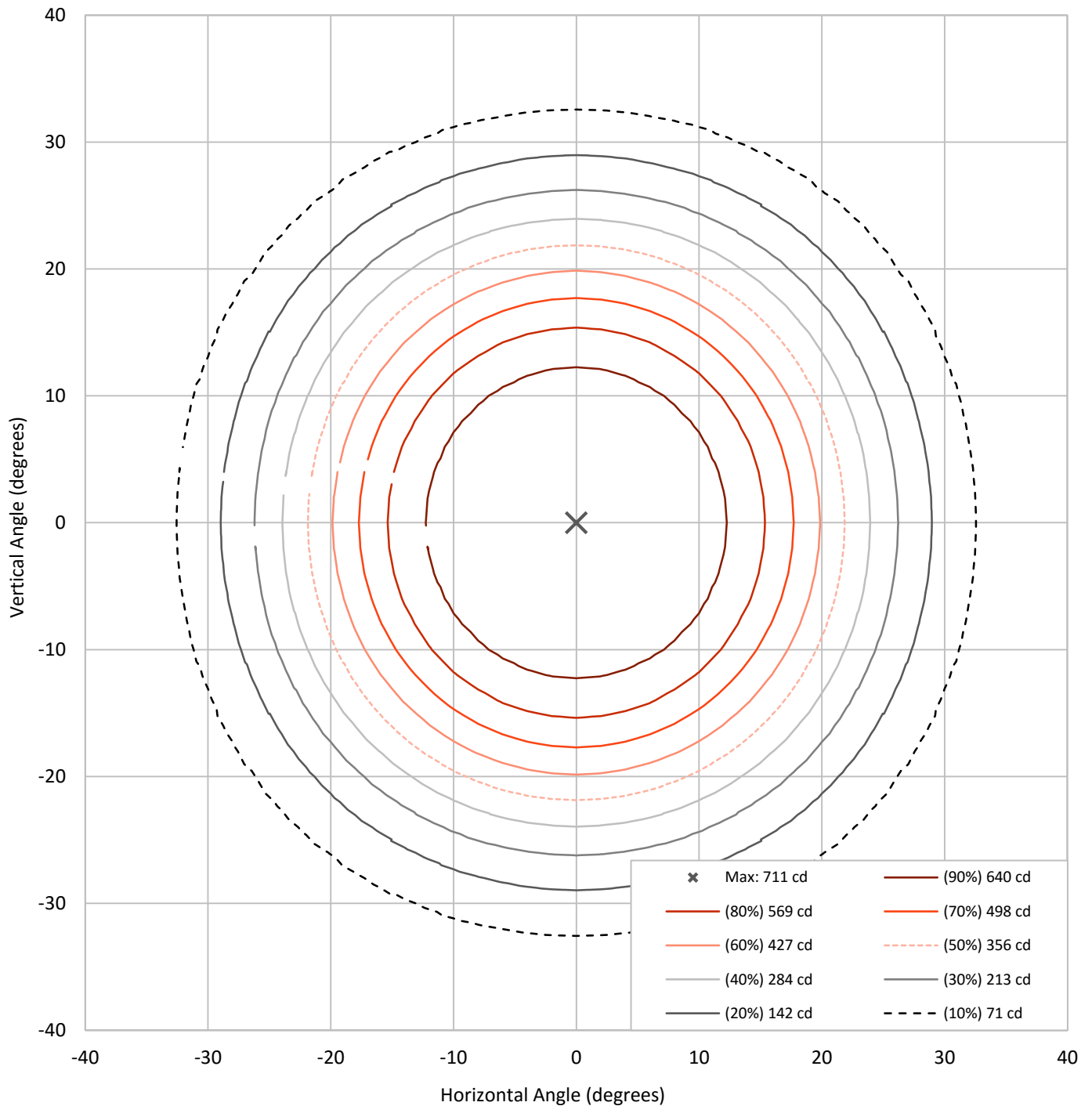
Test Method: LM-79-08  
Report Number: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29545)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,  
WIDE FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	443.8 lumens	Max Intensity:	711 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	31.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	43.7°H x 43.7°V	Field Angle (10%):	64.9°H x 64.9°V
Beam Lumens:	249.4 lumens	Field Lumens:	351.7 lumens
Beam Efficiency:	56.2%	Field Efficiency:	79.2%
Input Watts (W):	14.2		
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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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

### Iso-Candela Plot





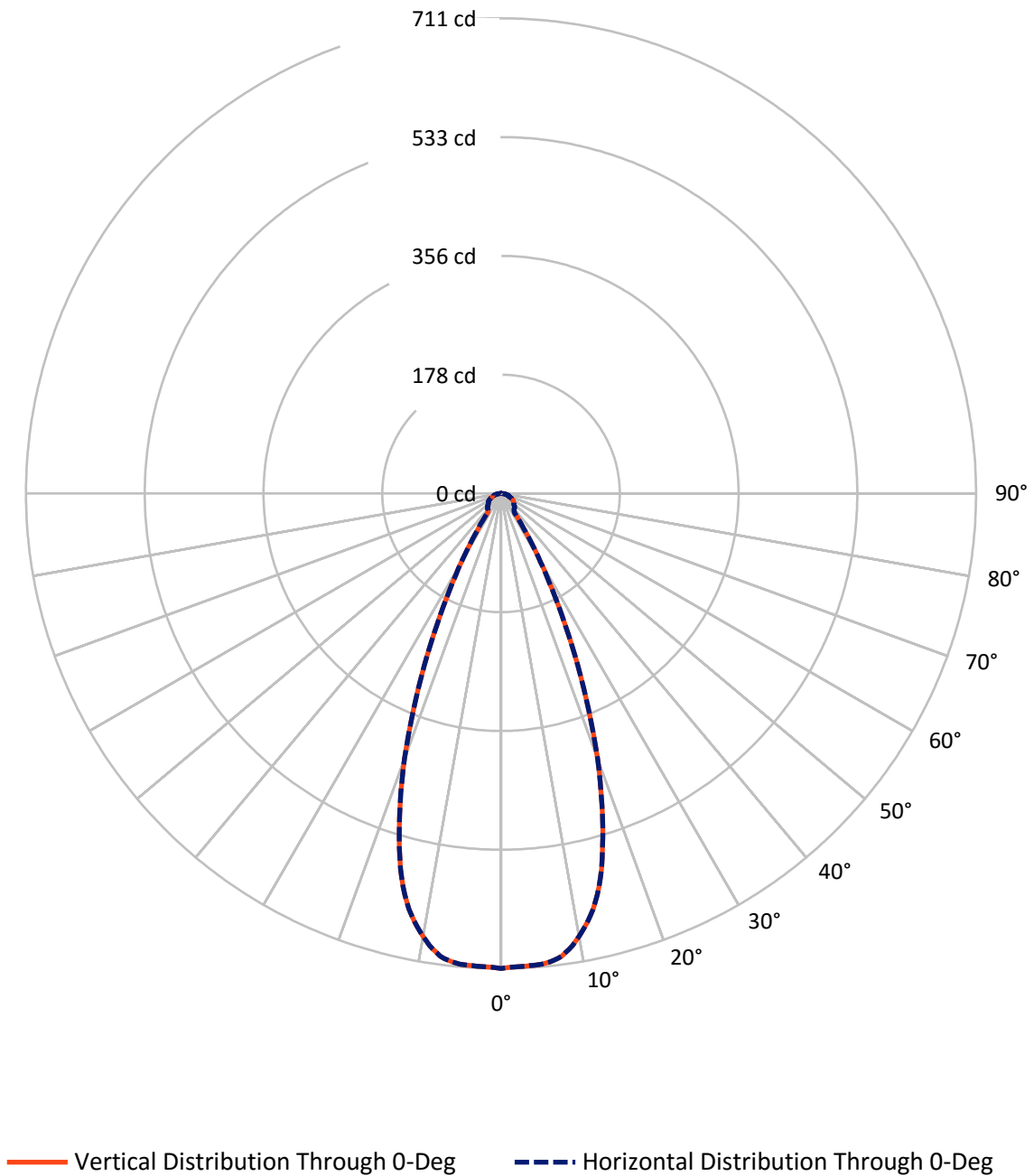
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### Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0											
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0											
70	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.1				
60		0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1					
50	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.2	0.1				
40		0.2	0.3	0.5	0.7	0.8	1.0	1.5	1.5	1.0	0.8	0.7	0.5	0.3	0.2					
30	0.2	0.2	0.4	0.5	0.7	1.5	4.3	7.2	7.2	4.3	1.5	0.7	0.5	0.4	0.2	0.2				
20		0.2	0.4	0.6	0.9	4.1	11.1	16.4	16.4	11.1	4.1	0.9	0.6	0.4	0.2					
10	0.2	0.2	0.4	0.6	1.2	6.6	15.9	20.9	20.9	15.9	6.6	1.2	0.6	0.4	0.2	0.2				
0		0.2	0.4	0.6	1.2	6.6	15.9	20.9	20.9	15.9	6.6	1.2	0.6	0.4	0.2					
-10	0.2	0.2	0.4	0.6	1.2	6.6	15.9	20.9	20.9	15.9	6.6	1.2	0.6	0.4	0.2	0.2				
-20		0.2	0.4	0.6	0.9	4.1	11.1	16.4	16.4	11.1	4.1	0.9	0.6	0.4	0.2					
-30	0.1	0.2	0.3	0.5	0.7	0.8	1.0	1.5	1.5	1.0	0.8	0.7	0.5	0.3	0.2	0.1				
-40		0.2	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.2					
-50	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.1				
-60		0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2	0.1					
-70	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0							0.0				
-80		0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0											
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	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	

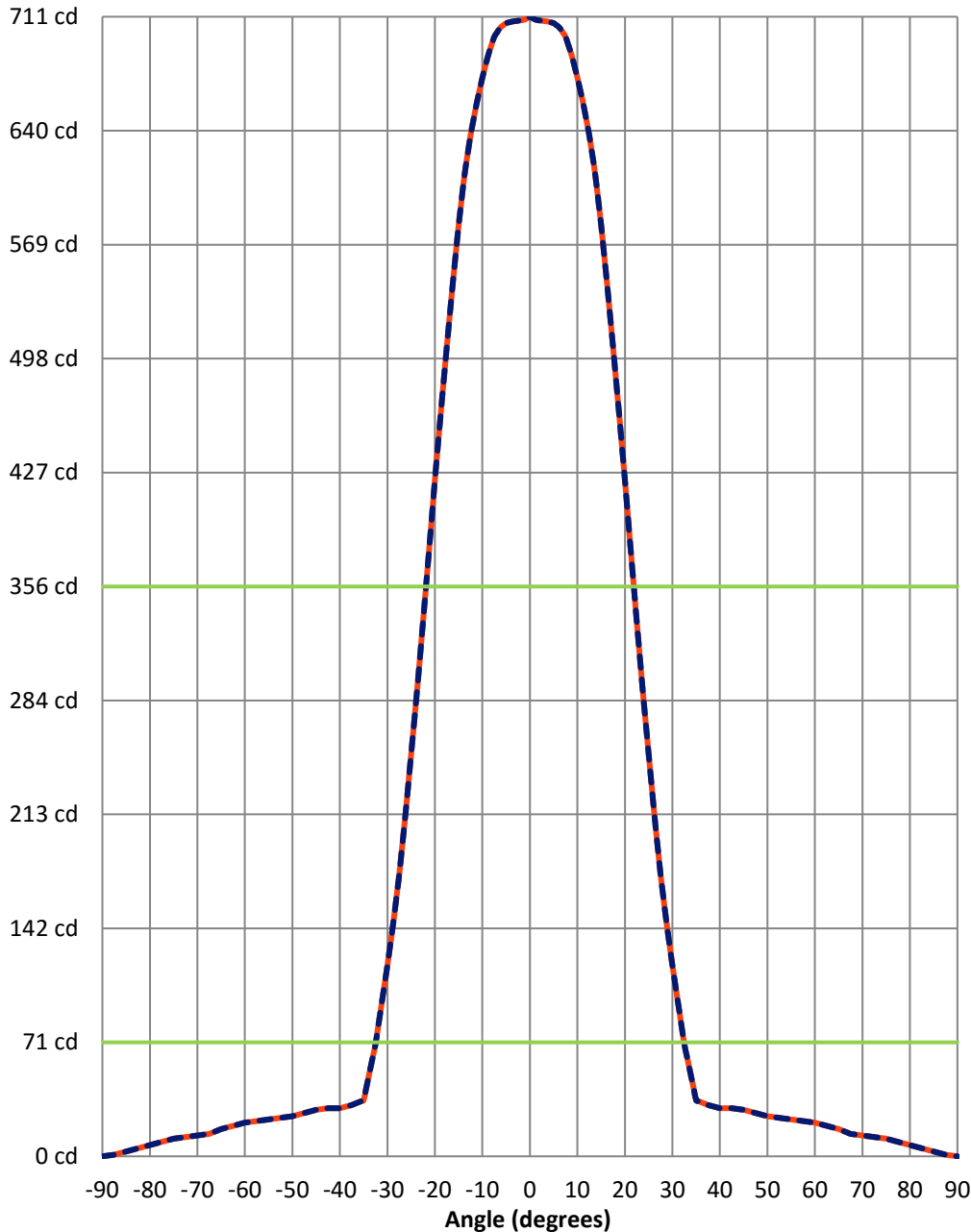
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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 43.7°  
 V Angle: 43.7°  
 Lumens: 249.4  
 Efficiency: 56.2%

**Field:**  
 H Angle: 64.9°  
 V Angle: 64.9°  
 Lumens: 351.7  
 Efficiency: 79.2%

**Spill:**  
 Lumens: 92.1  
 Efficiency: 20.8%

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



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.4	0.8	1.5	2.3	3.2	4.0	4.8	5.6	6.5	7.3
32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.7	6.6	7.4
31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.8	6.7	7.5
30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.1	5.9	6.8	7.6
28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	6.0	6.9	7.8
27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.2	6.1	7.0	7.9
26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.3	6.2	7.1	8.0
25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.3	6.2	7.1	8.1
23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.4	6.3	7.2	8.1
22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.5	6.4	7.3	8.2
21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.5	6.5	7.4	8.3
20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.6	6.5	7.5	8.4
18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.6	6.6	7.5	8.5
17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.5
16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.7	6.7	7.6	8.6
15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.7
13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.8	6.8	7.7	8.7
12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.8	6.8	7.8	8.8
11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.9	6.8	7.8	8.8
10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.9	6.9	7.9	8.8
8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.9	6.9	7.9	8.9
7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.9	6.9	7.9	8.9
6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	7.9	8.9
5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
-1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
-2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
-3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
-5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
-6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	7.9	8.9
-7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.9	6.9	7.9	8.9
-8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.9	6.9	7.9	8.9
-10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.9	6.9	7.9	8.8
-11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.9	6.8	7.8	8.8
-12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.8	6.8	7.8	8.8
-13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.8	6.8	7.7	8.7
-15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.7
-16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.7	6.7	7.6	8.6
-17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.5
-18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.6	6.6	7.5	8.5
-20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.6	6.5	7.5	8.4
-21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.5	6.5	7.4	8.3





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.5	6.4	7.3	8.2
-23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.4	6.3	7.2	8.1
-25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.3	6.2	7.1	8.1
-26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.3	6.2	7.1	8.0
-27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.2	6.1	7.0	7.9
-28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	6.0	6.9	7.8
-30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.1	5.9	6.8	7.6
-31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.8	6.7	7.5
-32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.7	6.6	7.4
-33.75°	0.0	0.4	0.8	1.5	2.3	3.2	4.0	4.8	5.6	6.5	7.3
-35°	0.0	0.4	0.8	1.5	2.3	3.1	3.9	4.7	5.5	6.4	7.2
-36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.6	5.4	6.2	7.0
-37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.5	5.3	6.1	6.9
-38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.7	4.5	5.2	6.0	6.8
-40°	0.0	0.4	0.8	1.3	2.1	2.8	3.6	4.4	5.1	5.9	6.6
-41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.5	4.3	5.0	5.7	6.5
-42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.4	4.2	4.9	5.6	6.3
-43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.3	4.0	4.8	5.5	6.2
-45°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.9	4.6	5.3	6.0
-46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.8	4.5	5.2	5.9
-47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.7	4.4	5.1	5.7
-48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.6	4.3	4.9	5.6
-50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.5	4.1	4.8	5.4
-51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.4	4.0	4.6	5.2
-52.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.3	3.9	4.5	5.1
-53.75°	0.0	0.3	0.6	0.9	1.4	2.0	2.5	3.1	3.7	4.3	4.9
-55°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.6	4.1	4.7
-56.25°	0.0	0.3	0.6	0.8	1.2	1.8	2.3	2.9	3.4	4.0	4.5
-57.5°	0.0	0.3	0.5	0.8	1.1	1.7	2.2	2.8	3.3	3.8	4.3
-58.75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.6	4.2
-60°	0.0	0.2	0.5	0.7	1.0	1.5	2.0	2.5	3.0	3.5	4.0
-61.25°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.4	2.8	3.3	3.8
-62.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.8	2.2	2.7	3.1	3.6
-63.75°	0.0	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.5	3.0	3.4
-65°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.2
-66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.4	1.8	2.2	2.6	3.0
-67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.0	2.4	2.8
-68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.2	1.5	1.9	2.2	2.6
-70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.4	1.7	2.1	2.4
-71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.6	1.9	2.2
-72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.7	2.0
-73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.5	1.8
-75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6
-76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.4
-77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-81.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4
76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8
75°	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.3
73.75°	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7
72.5°	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.8	5.1
71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.5
70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	6.0
68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.4
67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.4	5.7	6.1	6.4	6.8
66.25°	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.5	6.8	7.2
65°	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6
63.75°	3.8	4.3	4.7	5.1	5.5	6.0	6.4	6.8	7.2	7.6	8.0
62.5°	4.0	4.5	4.9	5.4	5.8	6.3	6.7	7.1	7.6	8.0	8.4
61.25°	4.3	4.7	5.2	5.7	6.1	6.6	7.0	7.5	7.9	8.4	8.8
60°	4.5	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.8	9.2
58.75°	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.6
57.5°	4.9	5.4	5.9	6.4	7.0	7.5	8.0	8.5	9.0	9.5	10.0
56.25°	5.1	5.6	6.2	6.7	7.2	7.8	8.3	8.8	9.3	9.9	10.4
55°	5.3	5.8	6.4	6.9	7.5	8.1	8.6	9.1	9.7	10.2	10.8
53.75°	5.5	6.0	6.6	7.2	7.8	8.3	8.9	9.5	10.0	10.6	11.1
52.5°	5.7	6.3	6.8	7.4	8.0	8.6	9.2	9.8	10.4	10.9	11.2
51.25°	5.8	6.5	7.1	7.7	8.3	8.9	9.5	10.1	10.7	11.1	11.4
50°	6.0	6.7	7.3	7.9	8.5	9.2	9.8	10.4	11.0	11.3	11.6
48.75°	6.2	6.9	7.5	8.1	8.8	9.4	10.1	10.7	11.2	11.5	11.8
47.5°	6.4	7.1	7.7	8.4	9.0	9.7	10.3	11.0	11.3	11.6	12.0
46.25°	6.6	7.2	7.9	8.6	9.3	9.9	10.6	11.1	11.5	11.8	12.1
45°	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.3	11.6	12.0	12.3
43.75°	6.9	7.6	8.3	9.0	9.7	10.4	11.1	11.4	11.8	12.1	12.5
42.5°	7.1	7.8	8.5	9.2	10.0	10.7	11.2	11.6	11.9	12.3	12.6
41.25°	7.2	8.0	8.7	9.5	10.2	10.9	11.3	11.7	12.1	12.4	12.8
40°	7.4	8.1	8.9	9.7	10.4	11.1	11.4	11.8	12.2	12.6	12.9
38.75°	7.5	8.3	9.1	9.9	10.6	11.2	11.6	11.9	12.3	12.7	13.1
37.5°	7.7	8.5	9.3	10.0	10.8	11.3	11.7	12.1	12.5	12.8	13.2
36.25°	7.8	8.6	9.4	10.2	11.0	11.4	11.8	12.2	12.6	13.0	13.4
35°	8.0	8.8	9.6	10.4	11.1	11.5	11.9	12.3	12.7	13.1	13.5



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	8.1	8.9	9.8	10.6	11.2	11.6	12.0	12.4	12.8	13.2	13.6
32.5°	8.3	9.1	9.9	10.8	11.3	11.7	12.1	12.5	12.9	13.4	13.8
31.25°	8.4	9.2	10.1	10.9	11.4	11.8	12.2	12.6	13.1	13.5	13.9
30°	8.5	9.4	10.2	11.0	11.5	11.9	12.3	12.7	13.2	13.6	14.0
28.75°	8.6	9.5	10.4	11.1	11.5	12.0	12.4	12.8	13.3	13.7	14.4
27.5°	8.7	9.6	10.5	11.2	11.6	12.1	12.5	12.9	13.4	13.8	14.7
26.25°	8.8	9.7	10.6	11.3	11.7	12.1	12.6	13.0	13.5	13.9	15.0
25°	9.0	9.9	10.8	11.3	11.8	12.2	12.7	13.1	13.6	14.0	15.4
23.75°	9.1	10.0	10.9	11.4	11.8	12.3	12.7	13.2	13.7	14.3	15.7
22.5°	9.1	10.1	11.0	11.5	11.9	12.4	12.8	13.3	13.7	14.6	15.9
21.25°	9.2	10.2	11.0	11.5	12.0	12.4	12.9	13.4	13.8	14.8	16.2
20°	9.3	10.3	11.1	11.6	12.0	12.5	13.0	13.4	13.9	15.1	16.5
18.75°	9.4	10.3	11.1	11.6	12.1	12.6	13.0	13.5	14.0	15.3	16.7
17.5°	9.5	10.4	11.2	11.7	12.1	12.6	13.1	13.6	14.1	15.5	16.9
16.25°	9.6	10.5	11.2	11.7	12.2	12.7	13.1	13.6	14.3	15.7	17.1
15°	9.6	10.6	11.3	11.8	12.2	12.7	13.2	13.7	14.5	15.9	17.2
13.75°	9.7	10.6	11.3	11.8	12.3	12.8	13.2	13.7	14.6	16.1	17.4
12.5°	9.7	10.7	11.3	11.8	12.3	12.8	13.3	13.8	14.8	16.2	17.5
11.25°	9.8	10.8	11.4	11.9	12.4	12.8	13.3	13.8	14.9	16.4	17.6
10°	9.8	10.8	11.4	11.9	12.4	12.9	13.4	13.9	15.0	16.5	17.7
8.75°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.1	16.6	17.7
7.5°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.2	16.7	17.8
6.25°	9.9	10.9	11.5	12.0	12.5	13.0	13.4	13.9	15.3	16.8	17.9
5°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.4	16.9	17.9
3.75°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.4	16.9	18.0
2.5°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.5	17.0	18.0
1.25°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.5	17.0	18.0
0°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.5	17.0	18.0
-1.25°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.5	17.0	18.0
-2.5°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.5	17.0	18.0
-3.75°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.4	16.9	18.0
-5°	10.0	11.0	11.5	12.0	12.5	13.0	13.5	14.0	15.4	16.9	17.9
-6.25°	9.9	10.9	11.5	12.0	12.5	13.0	13.4	13.9	15.3	16.8	17.9
-7.5°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.2	16.7	17.8
-8.75°	9.9	10.9	11.4	11.9	12.4	12.9	13.4	13.9	15.1	16.6	17.7
-10°	9.8	10.8	11.4	11.9	12.4	12.9	13.4	13.9	15.0	16.5	17.7
-11.25°	9.8	10.8	11.4	11.9	12.4	12.8	13.3	13.8	14.9	16.4	17.6
-12.5°	9.7	10.7	11.3	11.8	12.3	12.8	13.3	13.8	14.8	16.2	17.5
-13.75°	9.7	10.6	11.3	11.8	12.3	12.8	13.2	13.7	14.6	16.1	17.4
-15°	9.6	10.6	11.3	11.8	12.2	12.7	13.2	13.7	14.5	15.9	17.2
-16.25°	9.6	10.5	11.2	11.7	12.2	12.7	13.1	13.6	14.3	15.7	17.1
-17.5°	9.5	10.4	11.2	11.7	12.1	12.6	13.1	13.6	14.1	15.5	16.9
-18.75°	9.4	10.3	11.1	11.6	12.1	12.6	13.0	13.5	14.0	15.3	16.7
-20°	9.3	10.3	11.1	11.6	12.0	12.5	13.0	13.4	13.9	15.1	16.5
-21.25°	9.2	10.2	11.0	11.5	12.0	12.4	12.9	13.4	13.8	14.8	16.2



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	9.1	10.1	11.0	11.5	11.9	12.4	12.8	13.3	13.7	14.6	15.9
-23.75°	9.1	10.0	10.9	11.4	11.8	12.3	12.7	13.2	13.7	14.3	15.7
-25°	9.0	9.9	10.8	11.3	11.8	12.2	12.7	13.1	13.6	14.0	15.4
-26.25°	8.8	9.7	10.6	11.3	11.7	12.1	12.6	13.0	13.5	13.9	15.0
-27.5°	8.7	9.6	10.5	11.2	11.6	12.1	12.5	12.9	13.4	13.8	14.7
-28.75°	8.6	9.5	10.4	11.1	11.5	12.0	12.4	12.8	13.3	13.7	14.4
-30°	8.5	9.4	10.2	11.0	11.5	11.9	12.3	12.7	13.2	13.6	14.0
-31.25°	8.4	9.2	10.1	10.9	11.4	11.8	12.2	12.6	13.1	13.5	13.9
-32.5°	8.3	9.1	9.9	10.8	11.3	11.7	12.1	12.5	12.9	13.4	13.8
-33.75°	8.1	8.9	9.8	10.6	11.2	11.6	12.0	12.4	12.8	13.2	13.6
-35°	8.0	8.8	9.6	10.4	11.1	11.5	11.9	12.3	12.7	13.1	13.5
-36.25°	7.8	8.6	9.4	10.2	11.0	11.4	11.8	12.2	12.6	13.0	13.4
-37.5°	7.7	8.5	9.3	10.0	10.8	11.3	11.7	12.1	12.5	12.8	13.2
-38.75°	7.5	8.3	9.1	9.9	10.6	11.2	11.6	11.9	12.3	12.7	13.1
-40°	7.4	8.1	8.9	9.7	10.4	11.1	11.4	11.8	12.2	12.6	12.9
-41.25°	7.2	8.0	8.7	9.5	10.2	10.9	11.3	11.7	12.1	12.4	12.8
-42.5°	7.1	7.8	8.5	9.2	10.0	10.7	11.2	11.6	11.9	12.3	12.6
-43.75°	6.9	7.6	8.3	9.0	9.7	10.4	11.1	11.4	11.8	12.1	12.5
-45°	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.3	11.6	12.0	12.3
-46.25°	6.6	7.2	7.9	8.6	9.3	9.9	10.6	11.1	11.5	11.8	12.1
-47.5°	6.4	7.1	7.7	8.4	9.0	9.7	10.3	11.0	11.3	11.6	12.0
-48.75°	6.2	6.9	7.5	8.1	8.8	9.4	10.1	10.7	11.2	11.5	11.8
-50°	6.0	6.7	7.3	7.9	8.5	9.2	9.8	10.4	11.0	11.3	11.6
-51.25°	5.8	6.5	7.1	7.7	8.3	8.9	9.5	10.1	10.7	11.1	11.4
-52.5°	5.7	6.3	6.8	7.4	8.0	8.6	9.2	9.8	10.4	10.9	11.2
-53.75°	5.5	6.0	6.6	7.2	7.8	8.3	8.9	9.5	10.0	10.6	11.1
-55°	5.3	5.8	6.4	6.9	7.5	8.1	8.6	9.1	9.7	10.2	10.8
-56.25°	5.1	5.6	6.2	6.7	7.2	7.8	8.3	8.8	9.3	9.9	10.4
-57.5°	4.9	5.4	5.9	6.4	7.0	7.5	8.0	8.5	9.0	9.5	10.0
-58.75°	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.6	9.1	9.6
-60°	4.5	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.8	9.2
-61.25°	4.3	4.7	5.2	5.7	6.1	6.6	7.0	7.5	7.9	8.4	8.8
-62.5°	4.0	4.5	4.9	5.4	5.8	6.3	6.7	7.1	7.6	8.0	8.4
-63.75°	3.8	4.3	4.7	5.1	5.5	6.0	6.4	6.8	7.2	7.6	8.0
-65°	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6
-66.25°	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.5	6.8	7.2
-67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.4	5.7	6.1	6.4	6.8
-68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.4
-70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	6.0
-71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.5
-72.5°	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.8	5.1
-73.75°	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7
-75°	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.3
-76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
-80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
-81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
-82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
-83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
-85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-88.75°	0.1	0.1	0.1	0.2	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



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

**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°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5
80°	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
78.75°	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8
77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4
76.25°	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	6.0
75°	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7
73.75°	4.9	5.2	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.1	7.3
72.5°	5.4	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	7.9
71.25°	5.8	6.1	6.4	6.7	7.0	7.2	7.5	7.8	8.0	8.3	8.5
70°	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2
68.75°	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8
67.5°	7.1	7.5	7.8	8.2	8.5	8.8	9.1	9.5	9.8	10.1	10.4
66.25°	7.6	7.9	8.3	8.6	9.0	9.3	9.7	10.0	10.4	10.7	11.0
65°	8.0	8.4	8.8	9.1	9.5	9.9	10.2	10.6	10.9	11.1	11.3
63.75°	8.4	8.8	9.2	9.6	10.0	10.4	10.8	11.1	11.2	11.4	11.6
62.5°	8.8	9.3	9.7	10.1	10.5	10.9	11.1	11.3	11.5	11.7	11.9
61.25°	9.3	9.7	10.1	10.6	11.0	11.2	11.4	11.6	11.8	12.0	12.2
60°	9.7	10.1	10.6	11.0	11.2	11.5	11.7	11.9	12.1	12.3	12.5
58.75°	10.1	10.6	11.0	11.2	11.5	11.7	11.9	12.1	12.4	12.6	12.8
57.5°	10.5	11.0	11.2	11.5	11.7	11.9	12.2	12.4	12.6	12.9	13.1
56.25°	10.9	11.2	11.5	11.7	11.9	12.2	12.4	12.7	12.9	13.1	13.4
55°	11.1	11.4	11.7	11.9	12.2	12.4	12.7	12.9	13.2	13.4	13.7
53.75°	11.3	11.6	11.9	12.1	12.4	12.7	12.9	13.2	13.4	13.7	13.9
52.5°	11.5	11.8	12.1	12.4	12.6	12.9	13.2	13.4	13.7	14.0	14.6
51.25°	11.7	12.0	12.3	12.6	12.9	13.1	13.4	13.7	14.0	14.7	15.5
50°	11.9	12.2	12.5	12.8	13.1	13.4	13.7	13.9	14.6	15.5	16.3
48.75°	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.5	15.4	16.2	17.1
47.5°	12.3	12.6	12.9	13.2	13.5	13.8	14.4	15.3	16.1	17.0	17.6
46.25°	12.4	12.8	13.1	13.4	13.7	14.1	15.0	16.0	16.9	17.5	18.1
45°	12.6	13.0	13.3	13.6	13.9	14.8	15.7	16.7	17.4	18.0	18.6
43.75°	12.8	13.1	13.5	13.8	14.4	15.4	16.4	17.2	17.9	18.5	19.1
42.5°	13.0	13.3	13.7	14.0	15.0	16.0	17.0	17.7	18.3	19.0	19.6
41.25°	13.1	13.5	13.8	14.5	15.6	16.6	17.4	18.1	18.8	19.5	20.1
40°	13.3	13.6	14.0	15.1	16.2	17.2	17.9	18.5	19.2	19.9	20.6
38.75°	13.4	13.8	14.5	15.6	16.7	17.5	18.3	19.0	19.7	20.4	21.0
37.5°	13.6	14.0	15.0	16.2	17.2	17.9	18.7	19.4	20.1	20.8	21.3
36.25°	13.7	14.4	15.5	16.7	17.5	18.3	19.0	19.8	20.5	21.1	21.5
35°	13.9	14.8	16.0	17.1	17.9	18.7	19.4	20.2	20.9	21.3	21.7



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	14.1	15.3	16.5	17.4	18.2	19.0	19.8	20.6	21.2	21.5	21.9
32.5°	14.5	15.7	16.9	17.8	18.6	19.4	20.1	20.9	21.4	21.7	22.1
31.25°	14.9	16.1	17.2	18.1	18.9	19.7	20.5	21.1	21.5	21.9	22.3
30°	15.3	16.5	17.5	18.4	19.2	20.0	20.8	21.3	21.7	22.1	22.5
28.75°	15.7	16.9	17.8	18.6	19.5	20.3	21.1	21.5	21.9	22.3	22.7
27.5°	16.0	17.2	18.1	18.9	19.8	20.6	21.2	21.7	22.1	22.5	22.9
26.25°	16.4	17.4	18.3	19.2	20.0	20.9	21.4	21.8	22.2	22.7	23.1
25°	16.7	17.7	18.6	19.4	20.3	21.1	21.5	22.0	22.4	22.8	23.3
23.75°	17.0	17.9	18.8	19.7	20.6	21.2	21.7	22.1	22.5	23.0	23.4
22.5°	17.2	18.1	19.0	19.9	20.8	21.4	21.8	22.2	22.7	23.1	23.6
21.25°	17.4	18.3	19.2	20.1	21.0	21.5	21.9	22.4	22.8	23.3	23.7
20°	17.6	18.5	19.4	20.3	21.1	21.6	22.0	22.5	23.0	23.4	23.9
18.75°	17.7	18.7	19.6	20.5	21.2	21.7	22.2	22.6	23.1	23.5	24.0
17.5°	17.9	18.8	19.8	20.7	21.3	21.8	22.3	22.7	23.2	23.7	24.1
16.25°	18.1	19.0	19.9	20.9	21.4	21.9	22.4	22.8	23.3	23.8	24.2
15°	18.2	19.1	20.1	21.0	21.5	22.0	22.5	22.9	23.4	23.9	24.4
13.75°	18.3	19.3	20.2	21.1	21.6	22.1	22.5	23.0	23.5	24.0	24.5
12.5°	18.4	19.4	20.4	21.2	21.7	22.1	22.6	23.1	23.6	24.1	24.5
11.25°	18.5	19.5	20.5	21.2	21.7	22.2	22.7	23.2	23.7	24.1	24.6
10°	18.6	19.6	20.6	21.3	21.8	22.3	22.8	23.2	23.7	24.2	24.7
8.75°	18.7	19.7	20.7	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
7.5°	18.8	19.8	20.8	21.4	21.9	22.4	22.9	23.4	23.8	24.3	24.8
6.25°	18.9	19.9	20.8	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9
5°	18.9	19.9	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9
3.75°	18.9	19.9	20.9	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
2.5°	19.0	20.0	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
1.25°	19.0	20.0	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
0°	19.0	20.0	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
-1.25°	19.0	20.0	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
-2.5°	19.0	20.0	21.0	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
-3.75°	18.9	19.9	20.9	21.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0
-5°	18.9	19.9	20.9	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9
-6.25°	18.9	19.9	20.8	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9
-7.5°	18.8	19.8	20.8	21.4	21.9	22.4	22.9	23.4	23.8	24.3	24.8
-8.75°	18.7	19.7	20.7	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8
-10°	18.6	19.6	20.6	21.3	21.8	22.3	22.8	23.2	23.7	24.2	24.7
-11.25°	18.5	19.5	20.5	21.2	21.7	22.2	22.7	23.2	23.7	24.1	24.6
-12.5°	18.4	19.4	20.4	21.2	21.7	22.1	22.6	23.1	23.6	24.1	24.5
-13.75°	18.3	19.3	20.2	21.1	21.6	22.1	22.5	23.0	23.5	24.0	24.5
-15°	18.2	19.1	20.1	21.0	21.5	22.0	22.5	22.9	23.4	23.9	24.4
-16.25°	18.1	19.0	19.9	20.9	21.4	21.9	22.4	22.8	23.3	23.8	24.2
-17.5°	17.9	18.8	19.8	20.7	21.3	21.8	22.3	22.7	23.2	23.7	24.1
-18.75°	17.7	18.7	19.6	20.5	21.2	21.7	22.2	22.6	23.1	23.5	24.0
-20°	17.6	18.5	19.4	20.3	21.1	21.6	22.0	22.5	23.0	23.4	23.9
-21.25°	17.4	18.3	19.2	20.1	21.0	21.5	21.9	22.4	22.8	23.3	23.7





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	17.2	18.1	19.0	19.9	20.8	21.4	21.8	22.2	22.7	23.1	23.6
-23.75°	17.0	17.9	18.8	19.7	20.6	21.2	21.7	22.1	22.5	23.0	23.4
-25°	16.7	17.7	18.6	19.4	20.3	21.1	21.5	22.0	22.4	22.8	23.3
-26.25°	16.4	17.4	18.3	19.2	20.0	20.9	21.4	21.8	22.2	22.7	23.1
-27.5°	16.0	17.2	18.1	18.9	19.8	20.6	21.2	21.7	22.1	22.5	22.9
-28.75°	15.7	16.9	17.8	18.6	19.5	20.3	21.1	21.5	21.9	22.3	22.7
-30°	15.3	16.5	17.5	18.4	19.2	20.0	20.8	21.3	21.7	22.1	22.5
-31.25°	14.9	16.1	17.2	18.1	18.9	19.7	20.5	21.1	21.5	21.9	22.3
-32.5°	14.5	15.7	16.9	17.8	18.6	19.4	20.1	20.9	21.4	21.7	22.1
-33.75°	14.1	15.3	16.5	17.4	18.2	19.0	19.8	20.6	21.2	21.5	21.9
-35°	13.9	14.8	16.0	17.1	17.9	18.7	19.4	20.2	20.9	21.3	21.7
-36.25°	13.7	14.4	15.5	16.7	17.5	18.3	19.0	19.8	20.5	21.1	21.5
-37.5°	13.6	14.0	15.0	16.2	17.2	17.9	18.7	19.4	20.1	20.8	21.3
-38.75°	13.4	13.8	14.5	15.6	16.7	17.5	18.3	19.0	19.7	20.4	21.0
-40°	13.3	13.6	14.0	15.1	16.2	17.2	17.9	18.5	19.2	19.9	20.6
-41.25°	13.1	13.5	13.8	14.5	15.6	16.6	17.4	18.1	18.8	19.5	20.1
-42.5°	13.0	13.3	13.7	14.0	15.0	16.0	17.0	17.7	18.3	19.0	19.6
-43.75°	12.8	13.1	13.5	13.8	14.4	15.4	16.4	17.2	17.9	18.5	19.1
-45°	12.6	13.0	13.3	13.6	13.9	14.8	15.7	16.7	17.4	18.0	18.6
-46.25°	12.4	12.8	13.1	13.4	13.7	14.1	15.0	16.0	16.9	17.5	18.1
-47.5°	12.3	12.6	12.9	13.2	13.5	13.8	14.4	15.3	16.1	17.0	17.6
-48.75°	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.5	15.4	16.2	17.1
-50°	11.9	12.2	12.5	12.8	13.1	13.4	13.7	13.9	14.6	15.5	16.3
-51.25°	11.7	12.0	12.3	12.6	12.9	13.1	13.4	13.7	14.0	14.7	15.5
-52.5°	11.5	11.8	12.1	12.4	12.6	12.9	13.2	13.4	13.7	14.0	14.6
-53.75°	11.3	11.6	11.9	12.1	12.4	12.7	12.9	13.2	13.4	13.7	13.9
-55°	11.1	11.4	11.7	11.9	12.2	12.4	12.7	12.9	13.2	13.4	13.7
-56.25°	10.9	11.2	11.5	11.7	11.9	12.2	12.4	12.7	12.9	13.1	13.4
-57.5°	10.5	11.0	11.2	11.5	11.7	11.9	12.2	12.4	12.6	12.9	13.1
-58.75°	10.1	10.6	11.0	11.2	11.5	11.7	11.9	12.1	12.4	12.6	12.8
-60°	9.7	10.1	10.6	11.0	11.2	11.5	11.7	11.9	12.1	12.3	12.5
-61.25°	9.3	9.7	10.1	10.6	11.0	11.2	11.4	11.6	11.8	12.0	12.2
-62.5°	8.8	9.3	9.7	10.1	10.5	10.9	11.1	11.3	11.5	11.7	11.9
-63.75°	8.4	8.8	9.2	9.6	10.0	10.4	10.8	11.1	11.2	11.4	11.6
-65°	8.0	8.4	8.8	9.1	9.5	9.9	10.2	10.6	10.9	11.1	11.3
-66.25°	7.6	7.9	8.3	8.6	9.0	9.3	9.7	10.0	10.4	10.7	11.0
-67.5°	7.1	7.5	7.8	8.2	8.5	8.8	9.1	9.5	9.8	10.1	10.4
-68.75°	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8
-70°	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2
-71.25°	5.8	6.1	6.4	6.7	7.0	7.2	7.5	7.8	8.0	8.3	8.5
-72.5°	5.4	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	7.9
-73.75°	4.9	5.2	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.1	7.3
-75°	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7
-76.25°	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	6.0
-77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8
-80°	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
-81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5
-82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
-83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
-85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
-86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
82.5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
81.25°	3.6	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6
80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4
78.75°	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.9	6.0	6.1	6.2
77.5°	5.6	5.7	5.9	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0
76.25°	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8
75°	6.9	7.1	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.6
73.75°	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.4
72.5°	8.1	8.4	8.6	8.8	9.0	9.2	9.5	9.7	9.9	10.0	10.2
71.25°	8.8	9.0	9.3	9.5	9.7	10.0	10.2	10.4	10.6	10.8	11.0
70°	9.4	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.2	11.3	11.4
68.75°	10.1	10.3	10.6	10.9	11.1	11.2	11.3	11.4	11.6	11.7	11.8
67.5°	10.7	11.0	11.1	11.3	11.4	11.6	11.7	11.8	11.9	12.1	12.2
66.25°	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.3	12.5	12.6
65°	11.5	11.6	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.8	13.0
63.75°	11.8	12.0	12.1	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4
62.5°	12.1	12.3	12.4	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.7
61.25°	12.4	12.6	12.8	13.0	13.1	13.3	13.5	13.6	13.8	14.0	14.4
60°	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14.0	14.5	15.0	15.5
58.75°	13.0	13.2	13.4	13.6	13.8	14.0	14.5	15.1	15.6	16.2	16.7
57.5°	13.3	13.5	13.7	13.9	14.4	15.0	15.6	16.2	16.7	17.2	17.5
56.25°	13.6	13.8	14.1	14.8	15.4	16.0	16.6	17.2	17.5	17.9	18.3
55°	13.9	14.4	15.0	15.7	16.4	17.0	17.4	17.9	18.3	18.7	19.0
53.75°	14.5	15.3	16.0	16.7	17.2	17.7	18.1	18.5	19.0	19.4	19.8
52.5°	15.4	16.1	16.9	17.4	17.9	18.3	18.8	19.2	19.7	20.1	20.5
51.25°	16.2	17.0	17.5	18.0	18.5	19.0	19.5	19.9	20.4	20.8	21.1
50°	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	21.0	21.3	21.5
48.75°	17.6	18.2	18.7	19.2	19.8	20.3	20.8	21.1	21.4	21.6	21.8
47.5°	18.2	18.7	19.3	19.8	20.4	20.9	21.2	21.5	21.7	22.0	22.2
46.25°	18.7	19.3	19.9	20.4	21.0	21.3	21.5	21.8	22.1	22.3	22.6
45°	19.2	19.8	20.4	21.0	21.3	21.6	21.8	22.1	22.4	22.6	22.9
43.75°	19.8	20.4	21.0	21.3	21.6	21.9	22.2	22.4	22.7	23.0	23.3
42.5°	20.3	20.9	21.3	21.6	21.9	22.2	22.5	22.8	23.0	23.3	23.6
41.25°	20.8	21.2	21.5	21.8	22.2	22.5	22.8	23.1	23.4	23.6	23.9
40°	21.1	21.5	21.8	22.1	22.4	22.8	23.1	23.4	23.7	24.0	24.3
38.75°	21.4	21.7	22.1	22.4	22.7	23.0	23.4	23.7	24.0	24.3	24.6
37.5°	21.6	22.0	22.3	22.6	23.0	23.3	23.6	24.0	24.3	24.6	24.9
36.25°	21.8	22.2	22.6	22.9	23.3	23.6	23.9	24.3	24.6	24.9	25.5
35°	22.1	22.4	22.8	23.2	23.5	23.9	24.2	24.5	24.9	25.4	26.1



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	22.3	22.7	23.0	23.4	23.8	24.1	24.5	24.8	25.3	26.0	26.7
32.5°	22.5	22.9	23.3	23.6	24.0	24.4	24.7	25.2	25.9	26.6	27.3
31.25°	22.7	23.1	23.5	23.9	24.3	24.6	25.0	25.7	26.5	27.2	27.9
30°	22.9	23.3	23.7	24.1	24.5	24.9	25.5	26.2	27.0	27.7	28.4
28.75°	23.1	23.5	23.9	24.3	24.7	25.2	26.0	26.8	27.5	28.3	29.0
27.5°	23.3	23.7	24.1	24.5	24.9	25.7	26.5	27.2	28.0	28.8	29.3
26.25°	23.5	23.9	24.3	24.7	25.3	26.1	26.9	27.7	28.5	29.1	29.5
25°	23.7	24.1	24.5	24.9	25.7	26.5	27.4	28.2	29.0	29.4	29.8
23.75°	23.8	24.3	24.7	25.3	26.1	27.0	27.8	28.6	29.2	29.6	30.0
22.5°	24.0	24.4	24.9	25.6	26.5	27.3	28.2	29.0	29.4	29.9	30.0
21.25°	24.2	24.6	25.1	26.0	26.9	27.7	28.6	29.2	29.6	30.0	30.0
20°	24.3	24.8	25.4	26.3	27.2	28.1	29.0	29.4	29.9	30.0	30.0
18.75°	24.5	24.9	25.7	26.6	27.5	28.4	29.2	29.6	30.0	30.0	30.0
17.5°	24.6	25.1	26.0	26.9	27.8	28.7	29.3	29.8	30.0	30.0	30.2
16.25°	24.7	25.3	26.3	27.2	28.1	29.0	29.5	29.9	30.0	30.0	30.6
15°	24.8	25.6	26.5	27.5	28.4	29.2	29.6	30.0	30.0	30.0	30.9
13.75°	24.9	25.8	26.8	27.7	28.6	29.3	29.8	30.0	30.0	30.3	31.3
12.5°	25.1	26.0	27.0	27.9	28.9	29.4	29.9	30.0	30.0	30.6	31.5
11.25°	25.2	26.2	27.2	28.1	29.0	29.5	30.0	30.0	30.0	30.9	31.8
10°	25.4	26.4	27.3	28.3	29.1	29.6	30.0	30.0	30.1	31.1	32.1
8.75°	25.5	26.5	27.5	28.5	29.2	29.7	30.0	30.0	30.3	31.3	32.4
7.5°	25.7	26.6	27.6	28.6	29.3	29.8	30.0	30.0	30.5	31.5	32.7
6.25°	25.8	26.8	27.7	28.7	29.4	29.9	30.0	30.0	30.7	31.6	32.9
5°	25.8	26.8	27.8	28.8	29.4	29.9	30.0	30.0	30.8	31.8	33.1
3.75°	25.9	26.9	27.9	28.9	29.4	29.9	30.0	30.0	30.9	31.9	33.3
2.5°	26.0	27.0	28.0	29.0	29.5	30.0	30.0	30.0	30.9	31.9	33.4
1.25°	26.0	27.0	28.0	29.0	29.5	30.0	30.0	30.0	31.0	32.0	33.5
0°	26.0	27.0	28.0	29.0	29.5	30.0	30.0	30.0	31.0	32.0	33.5
-1.25°	26.0	27.0	28.0	29.0	29.5	30.0	30.0	30.0	31.0	32.0	33.5
-2.5°	26.0	27.0	28.0	29.0	29.5	30.0	30.0	30.0	30.9	31.9	33.4
-3.75°	25.9	26.9	27.9	28.9	29.4	29.9	30.0	30.0	30.9	31.9	33.3
-5°	25.8	26.8	27.8	28.8	29.4	29.9	30.0	30.0	30.8	31.8	33.1
-6.25°	25.8	26.8	27.7	28.7	29.4	29.9	30.0	30.0	30.7	31.6	32.9
-7.5°	25.7	26.6	27.6	28.6	29.3	29.8	30.0	30.0	30.5	31.5	32.7
-8.75°	25.5	26.5	27.5	28.5	29.2	29.7	30.0	30.0	30.3	31.3	32.4
-10°	25.4	26.4	27.3	28.3	29.1	29.6	30.0	30.0	30.1	31.1	32.1
-11.25°	25.2	26.2	27.2	28.1	29.0	29.5	30.0	30.0	30.0	30.9	31.8
-12.5°	25.1	26.0	27.0	27.9	28.9	29.4	29.9	30.0	30.0	30.6	31.5
-13.75°	24.9	25.8	26.8	27.7	28.6	29.3	29.8	30.0	30.0	30.3	31.3
-15°	24.8	25.6	26.5	27.5	28.4	29.2	29.6	30.0	30.0	30.0	30.9
-16.25°	24.7	25.3	26.3	27.2	28.1	29.0	29.5	29.9	30.0	30.0	30.6
-17.5°	24.6	25.1	26.0	26.9	27.8	28.7	29.3	29.8	30.0	30.0	30.2
-18.75°	24.5	24.9	25.7	26.6	27.5	28.4	29.2	29.6	30.0	30.0	30.0
-20°	24.3	24.8	25.4	26.3	27.2	28.1	29.0	29.4	29.9	30.0	30.0
-21.25°	24.2	24.6	25.1	26.0	26.9	27.7	28.6	29.2	29.6	30.0	30.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	24.0	24.4	24.9	25.6	26.5	27.3	28.2	29.0	29.4	29.9	30.0
-23.75°	23.8	24.3	24.7	25.3	26.1	27.0	27.8	28.6	29.2	29.6	30.0
-25°	23.7	24.1	24.5	24.9	25.7	26.5	27.4	28.2	29.0	29.4	29.8
-26.25°	23.5	23.9	24.3	24.7	25.3	26.1	26.9	27.7	28.5	29.1	29.5
-27.5°	23.3	23.7	24.1	24.5	24.9	25.7	26.5	27.2	28.0	28.8	29.3
-28.75°	23.1	23.5	23.9	24.3	24.7	25.2	26.0	26.8	27.5	28.3	29.0
-30°	22.9	23.3	23.7	24.1	24.5	24.9	25.5	26.2	27.0	27.7	28.4
-31.25°	22.7	23.1	23.5	23.9	24.3	24.6	25.0	25.7	26.5	27.2	27.9
-32.5°	22.5	22.9	23.3	23.6	24.0	24.4	24.7	25.2	25.9	26.6	27.3
-33.75°	22.3	22.7	23.0	23.4	23.8	24.1	24.5	24.8	25.3	26.0	26.7
-35°	22.1	22.4	22.8	23.2	23.5	23.9	24.2	24.5	24.9	25.4	26.1
-36.25°	21.8	22.2	22.6	22.9	23.3	23.6	23.9	24.3	24.6	24.9	25.5
-37.5°	21.6	22.0	22.3	22.6	23.0	23.3	23.6	24.0	24.3	24.6	24.9
-38.75°	21.4	21.7	22.1	22.4	22.7	23.0	23.4	23.7	24.0	24.3	24.6
-40°	21.1	21.5	21.8	22.1	22.4	22.8	23.1	23.4	23.7	24.0	24.3
-41.25°	20.8	21.2	21.5	21.8	22.2	22.5	22.8	23.1	23.4	23.6	23.9
-42.5°	20.3	20.9	21.3	21.6	21.9	22.2	22.5	22.8	23.0	23.3	23.6
-43.75°	19.8	20.4	21.0	21.3	21.6	21.9	22.2	22.4	22.7	23.0	23.3
-45°	19.2	19.8	20.4	21.0	21.3	21.6	21.8	22.1	22.4	22.6	22.9
-46.25°	18.7	19.3	19.9	20.4	21.0	21.3	21.5	21.8	22.1	22.3	22.6
-47.5°	18.2	18.7	19.3	19.8	20.4	20.9	21.2	21.5	21.7	22.0	22.2
-48.75°	17.6	18.2	18.7	19.2	19.8	20.3	20.8	21.1	21.4	21.6	21.8
-50°	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	21.0	21.3	21.5
-51.25°	16.2	17.0	17.5	18.0	18.5	19.0	19.5	19.9	20.4	20.8	21.1
-52.5°	15.4	16.1	16.9	17.4	17.9	18.3	18.8	19.2	19.7	20.1	20.5
-53.75°	14.5	15.3	16.0	16.7	17.2	17.7	18.1	18.5	19.0	19.4	19.8
-55°	13.9	14.4	15.0	15.7	16.4	17.0	17.4	17.9	18.3	18.7	19.0
-56.25°	13.6	13.8	14.1	14.8	15.4	16.0	16.6	17.2	17.5	17.9	18.3
-57.5°	13.3	13.5	13.7	13.9	14.4	15.0	15.6	16.2	16.7	17.2	17.5
-58.75°	13.0	13.2	13.4	13.6	13.8	14.0	14.5	15.1	15.6	16.2	16.7
-60°	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14.0	14.5	15.0	15.5
-61.25°	12.4	12.6	12.8	13.0	13.1	13.3	13.5	13.6	13.8	14.0	14.4
-62.5°	12.1	12.3	12.4	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.7
-63.75°	11.8	12.0	12.1	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4
-65°	11.5	11.6	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.8	13.0
-66.25°	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.3	12.5	12.6
-67.5°	10.7	11.0	11.1	11.3	11.4	11.6	11.7	11.8	11.9	12.1	12.2
-68.75°	10.1	10.3	10.6	10.9	11.1	11.2	11.3	11.4	11.6	11.7	11.8
-70°	9.4	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.2	11.3	11.4
-71.25°	8.8	9.0	9.3	9.5	9.7	10.0	10.2	10.4	10.6	10.8	11.0
-72.5°	8.1	8.4	8.6	8.8	9.0	9.2	9.5	9.7	9.9	10.0	10.2
-73.75°	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.4
-75°	6.9	7.1	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.6
-76.25°	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8
-77.5°	5.6	5.7	5.9	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.9	6.0	6.1	6.2
-80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4
-81.25°	3.6	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6
-82.5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
-85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
-86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
83.75°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
82.5°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
81.25°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5
80°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.4
78.75°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3
77.5°	7.2	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.1	8.2
76.25°	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	9.0	9.1	9.1
75°	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.7	9.9	10.0	10.1
73.75°	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.8	10.9	11.0
72.5°	10.4	10.6	10.8	10.9	11.0	11.1	11.2	11.3	11.3	11.4	11.5
71.25°	11.1	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8	11.9
70°	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.3	12.4
68.75°	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.7	12.8
67.5°	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3
66.25°	12.7	12.8	12.9	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.7
65°	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.3	14.6
63.75°	13.5	13.6	13.8	13.9	14.0	14.4	14.7	15.0	15.4	15.7	15.9
62.5°	13.9	14.1	14.5	14.9	15.3	15.7	16.0	16.4	16.7	17.0	17.2
61.25°	14.8	15.3	15.7	16.1	16.5	16.9	17.2	17.4	17.7	17.9	18.1
60°	16.0	16.5	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.8	19.0
58.75°	17.1	17.4	17.8	18.1	18.4	18.6	18.9	19.2	19.4	19.7	19.9
57.5°	17.9	18.2	18.6	18.9	19.2	19.5	19.8	20.0	20.3	20.6	20.8
56.25°	18.7	19.0	19.4	19.7	20.0	20.3	20.6	20.9	21.1	21.2	21.4
55°	19.4	19.8	20.1	20.5	20.8	21.1	21.2	21.4	21.5	21.7	21.8
53.75°	20.2	20.6	20.9	21.1	21.3	21.5	21.7	21.8	22.0	22.1	22.2
52.5°	20.9	21.2	21.4	21.5	21.7	21.9	22.1	22.2	22.4	22.5	22.7
51.25°	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.8	23.0	23.1
50°	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.4	23.6
48.75°	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.7	23.8	24.0
47.5°	22.4	22.7	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.4
46.25°	22.8	23.0	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9
45°	23.2	23.4	23.6	23.9	24.1	24.3	24.5	24.7	24.9	25.3	25.6
43.75°	23.5	23.8	24.0	24.3	24.5	24.7	24.9	25.3	25.7	26.1	26.5
42.5°	23.9	24.1	24.4	24.6	24.9	25.2	25.7	26.1	26.5	27.0	27.3
41.25°	24.2	24.5	24.7	25.0	25.5	26.0	26.5	26.9	27.4	27.8	28.2
40°	24.5	24.8	25.2	25.7	26.2	26.8	27.2	27.7	28.2	28.6	29.0
38.75°	24.9	25.3	25.9	26.5	27.0	27.5	28.0	28.5	29.0	29.2	29.4
37.5°	25.4	26.0	26.6	27.2	27.7	28.3	28.8	29.1	29.4	29.6	29.9
36.25°	26.1	26.7	27.3	27.9	28.4	29.0	29.3	29.5	29.8	30.0	30.0
35°	26.7	27.3	28.0	28.6	29.1	29.4	29.6	29.9	30.0	30.0	30.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	27.3	28.0	28.6	29.1	29.4	29.7	30.0	30.0	30.0	30.0	30.2
32.5°	28.0	28.6	29.1	29.5	29.8	30.0	30.0	30.0	30.0	30.4	30.9
31.25°	28.6	29.1	29.5	29.8	30.0	30.0	30.0	30.1	30.6	31.2	31.7
30°	29.1	29.4	29.8	30.0	30.0	30.0	30.2	30.8	31.4	31.9	32.8
28.75°	29.4	29.7	30.0	30.0	30.0	30.2	30.8	31.5	32.1	33.0	33.9
27.5°	29.6	30.0	30.0	30.0	30.2	30.8	31.5	32.2	33.2	34.1	35.5
26.25°	29.9	30.0	30.0	30.1	30.8	31.5	32.2	33.3	34.2	37.5	48.4
25°	30.0	30.0	30.0	30.6	31.4	32.1	33.2	34.2	38.1	49.7	61.0
23.75°	30.0	30.0	30.4	31.2	31.9	33.0	34.1	37.5	49.7	61.7	74.7
22.5°	30.0	30.2	30.9	31.7	32.8	33.9	35.5	48.4	61.0	74.7	91.6
21.25°	30.0	30.6	31.5	32.4	33.6	34.8	45.7	58.9	72.7	90.5	107.9
20°	30.3	31.1	31.9	33.1	34.4	41.6	55.5	69.1	87.5	105.9	124.2
18.75°	30.7	31.6	32.6	33.9	36.3	50.7	64.9	82.4	101.7	120.7	140.6
17.5°	31.1	32.0	33.3	34.5	44.6	59.3	75.4	95.5	115.3	135.9	157.9
16.25°	31.5	32.6	33.9	37.3	52.4	67.5	87.3	107.9	128.9	151.3	175.9
15°	31.8	33.1	34.5	44.3	59.8	77.3	98.6	119.7	142.2	166.7	194.3
13.75°	32.3	33.6	35.1	51.0	66.7	87.4	109.1	131.5	155.7	182.7	213.6
12.5°	32.7	34.1	41.0	57.1	74.4	96.7	118.9	142.7	169.0	198.9	232.4
11.25°	33.1	34.6	46.4	62.7	82.6	105.3	128.6	153.8	182.1	214.8	250.2
10°	33.5	35.0	51.2	67.8	90.1	113.1	137.3	164.0	194.8	230.0	266.0
8.75°	33.9	38.7	55.5	73.3	96.7	120.2	145.6	174.1	207.2	243.9	280.2
7.5°	34.2	42.3	59.3	78.8	102.6	126.7	153.2	183.1	218.1	255.9	293.7
6.25°	34.4	45.4	62.6	83.6	107.5	132.3	159.6	191.0	227.9	266.1	305.5
5°	34.6	48.0	65.2	87.5	111.6	137.0	165.2	198.3	236.2	274.5	315.3
3.75°	34.8	49.9	67.3	90.5	114.8	140.6	169.9	204.1	242.6	281.2	323.2
2.5°	34.9	51.4	68.8	92.7	117.2	143.5	173.3	208.2	247.3	286.3	328.9
1.25°	35.0	52.2	69.7	94.1	118.5	145.2	175.3	210.7	250.1	289.4	332.3
0°	35.0	52.5	70.0	94.5	119.0	145.8	176.0	211.5	251.0	290.5	333.5
-1.25°	35.0	52.2	69.7	94.1	118.5	145.2	175.3	210.7	250.1	289.4	332.3
-2.5°	34.9	51.4	68.8	92.7	117.2	143.5	173.3	208.2	247.3	286.3	328.9
-3.75°	34.8	49.9	67.3	90.5	114.8	140.6	169.9	204.1	242.6	281.2	323.2
-5°	34.6	48.0	65.2	87.5	111.6	137.0	165.2	198.3	236.2	274.5	315.3
-6.25°	34.4	45.4	62.6	83.6	107.5	132.3	159.6	191.0	227.9	266.1	305.5
-7.5°	34.2	42.3	59.3	78.8	102.6	126.7	153.2	183.1	218.1	255.9	293.7
-8.75°	33.9	38.7	55.5	73.3	96.7	120.2	145.6	174.1	207.2	243.9	280.2
-10°	33.5	35.0	51.2	67.8	90.1	113.1	137.3	164.0	194.8	230.0	266.0
-11.25°	33.1	34.6	46.4	62.7	82.6	105.3	128.6	153.8	182.1	214.8	250.2
-12.5°	32.7	34.1	41.0	57.1	74.4	96.7	118.9	142.7	169.0	198.9	232.4
-13.75°	32.3	33.6	35.1	51.0	66.7	87.4	109.1	131.5	155.7	182.7	213.6
-15°	31.8	33.1	34.5	44.3	59.8	77.3	98.6	119.7	142.2	166.7	194.3
-16.25°	31.5	32.6	33.9	37.3	52.4	67.5	87.3	107.9	128.9	151.3	175.9
-17.5°	31.1	32.0	33.3	34.5	44.6	59.3	75.4	95.5	115.3	135.9	157.9
-18.75°	30.7	31.6	32.6	33.9	36.3	50.7	64.9	82.4	101.7	120.7	140.6
-20°	30.3	31.1	31.9	33.1	34.4	41.6	55.5	69.1	87.5	105.9	124.2
-21.25°	30.0	30.6	31.5	32.4	33.6	34.8	45.7	58.9	72.7	90.5	107.9





REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	30.0	30.2	30.9	31.7	32.8	33.9	35.5	48.4	61.0	74.7	91.6
-23.75°	30.0	30.0	30.4	31.2	31.9	33.0	34.1	37.5	49.7	61.7	74.7
-25°	30.0	30.0	30.0	30.6	31.4	32.1	33.2	34.2	38.1	49.7	61.0
-26.25°	29.9	30.0	30.0	30.1	30.8	31.5	32.2	33.3	34.2	37.5	48.4
-27.5°	29.6	30.0	30.0	30.0	30.2	30.8	31.5	32.2	33.2	34.1	35.5
-28.75°	29.4	29.7	30.0	30.0	30.0	30.2	30.8	31.5	32.1	33.0	33.9
-30°	29.1	29.4	29.8	30.0	30.0	30.0	30.2	30.8	31.4	31.9	32.8
-31.25°	28.6	29.1	29.5	29.8	30.0	30.0	30.0	30.1	30.6	31.2	31.7
-32.5°	28.0	28.6	29.1	29.5	29.8	30.0	30.0	30.0	30.0	30.4	30.9
-33.75°	27.3	28.0	28.6	29.1	29.4	29.7	30.0	30.0	30.0	30.0	30.2
-35°	26.7	27.3	28.0	28.6	29.1	29.4	29.6	29.9	30.0	30.0	30.0
-36.25°	26.1	26.7	27.3	27.9	28.4	29.0	29.3	29.5	29.8	30.0	30.0
-37.5°	25.4	26.0	26.6	27.2	27.7	28.3	28.8	29.1	29.4	29.6	29.9
-38.75°	24.9	25.3	25.9	26.5	27.0	27.5	28.0	28.5	29.0	29.2	29.4
-40°	24.5	24.8	25.2	25.7	26.2	26.8	27.2	27.7	28.2	28.6	29.0
-41.25°	24.2	24.5	24.7	25.0	25.5	26.0	26.5	26.9	27.4	27.8	28.2
-42.5°	23.9	24.1	24.4	24.6	24.9	25.2	25.7	26.1	26.5	27.0	27.3
-43.75°	23.5	23.8	24.0	24.3	24.5	24.7	24.9	25.3	25.7	26.1	26.5
-45°	23.2	23.4	23.6	23.9	24.1	24.3	24.5	24.7	24.9	25.3	25.6
-46.25°	22.8	23.0	23.3	23.5	23.7	23.9	24.1	24.3	24.5	24.7	24.9
-47.5°	22.4	22.7	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.3	24.4
-48.75°	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.5	23.7	23.8	24.0
-50°	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.1	23.3	23.4	23.6
-51.25°	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.8	23.0	23.1
-52.5°	20.9	21.2	21.4	21.5	21.7	21.9	22.1	22.2	22.4	22.5	22.7
-53.75°	20.2	20.6	20.9	21.1	21.3	21.5	21.7	21.8	22.0	22.1	22.2
-55°	19.4	19.8	20.1	20.5	20.8	21.1	21.2	21.4	21.5	21.7	21.8
-56.25°	18.7	19.0	19.4	19.7	20.0	20.3	20.6	20.9	21.1	21.2	21.4
-57.5°	17.9	18.2	18.6	18.9	19.2	19.5	19.8	20.0	20.3	20.6	20.8
-58.75°	17.1	17.4	17.8	18.1	18.4	18.6	18.9	19.2	19.4	19.7	19.9
-60°	16.0	16.5	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.8	19.0
-61.25°	14.8	15.3	15.7	16.1	16.5	16.9	17.2	17.4	17.7	17.9	18.1
-62.5°	13.9	14.1	14.5	14.9	15.3	15.7	16.0	16.4	16.7	17.0	17.2
-63.75°	13.5	13.6	13.8	13.9	14.0	14.4	14.7	15.0	15.4	15.7	15.9
-65°	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.3	14.6
-66.25°	12.7	12.8	12.9	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.7
-67.5°	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3
-68.75°	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.7	12.8
-70°	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.3	12.4
-71.25°	11.1	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8	11.9
-72.5°	10.4	10.6	10.8	10.9	11.0	11.1	11.2	11.3	11.3	11.4	11.5
-73.75°	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.8	10.9	11.0
-75°	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.7	9.9	10.0	10.1
-76.25°	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	9.0	9.1	9.1
-77.5°	7.2	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.1	8.2



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3
-80°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.4
-81.25°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5
-82.5°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-83.75°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
-85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
-86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
83.75°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
82.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
81.25°	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9
80°	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9
78.75°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9
77.5°	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.8	8.9
76.25°	9.2	9.3	9.4	9.5	9.6	9.6	9.7	9.7	9.8	9.8	9.9
75°	10.2	10.3	10.3	10.4	10.5	10.6	10.6	10.7	10.8	10.8	10.9
73.75°	11.0	11.1	11.1	11.2	11.2	11.3	11.3	11.3	11.4	11.4	11.4
72.5°	11.5	11.6	11.6	11.7	11.7	11.8	11.8	11.8	11.9	11.9	11.9
71.25°	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3	12.4	12.4	12.4
70°	12.4	12.5	12.6	12.6	12.7	12.7	12.8	12.8	12.8	12.9	12.9
68.75°	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.3	13.3	13.4	13.4
67.5°	13.4	13.4	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.9	13.9
66.25°	13.8	13.9	14.0	14.1	14.3	14.5	14.6	14.8	14.9	15.0	15.1
65°	14.8	15.1	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5	16.6
63.75°	16.2	16.5	16.7	16.9	17.1	17.2	17.4	17.5	17.6	17.7	17.7
62.5°	17.4	17.6	17.7	17.9	18.1	18.2	18.3	18.4	18.5	18.6	18.7
61.25°	18.3	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.5	19.6	19.7
60°	19.2	19.4	19.6	19.8	19.9	20.1	20.2	20.4	20.5	20.6	20.7
58.75°	20.1	20.3	20.5	20.7	20.9	21.0	21.1	21.2	21.2	21.3	21.3
57.5°	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.7	21.8	21.8
56.25°	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.1	22.2	22.3	22.3
55°	21.9	22.0	22.2	22.3	22.4	22.5	22.5	22.6	22.7	22.8	22.8
53.75°	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.2	23.3
52.5°	22.8	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.7	23.8
51.25°	23.3	23.4	23.5	23.7	23.8	23.9	24.0	24.1	24.1	24.2	24.3
50°	23.7	23.9	24.0	24.1	24.2	24.4	24.5	24.5	24.6	24.7	24.8
48.75°	24.2	24.3	24.5	24.6	24.7	24.8	24.9	25.1	25.2	25.4	25.5
47.5°	24.6	24.8	24.9	25.1	25.3	25.6	25.8	26.0	26.2	26.4	26.5
46.25°	25.1	25.4	25.7	26.0	26.3	26.5	26.8	27.0	27.2	27.3	27.5
45°	26.0	26.3	26.6	26.9	27.2	27.5	27.7	27.9	28.1	28.3	28.5
43.75°	26.9	27.2	27.5	27.8	28.1	28.4	28.6	28.9	29.0	29.1	29.2
42.5°	27.7	28.1	28.4	28.7	29.0	29.2	29.3	29.4	29.5	29.6	29.7
41.25°	28.6	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.0	30.0	30.0
40°	29.2	29.4	29.6	29.8	29.9	30.0	30.0	30.0	30.0	30.0	30.0
38.75°	29.6	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.3
37.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.3	30.6	30.9	31.1	31.3
36.25°	30.0	30.0	30.0	30.2	30.6	30.9	31.3	31.5	31.8	32.1	32.4
35°	30.0	30.3	30.7	31.1	31.5	31.8	32.3	32.7	33.1	33.5	33.9



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	30.6	31.1	31.6	32.0	32.6	33.1	33.6	34.1	34.6	35.0	38.7
32.5°	31.5	31.9	32.6	33.3	33.9	34.5	35.1	41.0	46.4	51.2	55.5
31.25°	32.4	33.1	33.9	34.5	37.3	44.3	51.0	57.1	62.7	67.8	73.3
30°	33.6	34.4	36.3	44.6	52.4	59.8	66.7	74.4	82.6	90.1	96.7
28.75°	34.8	41.6	50.7	59.3	67.5	77.3	87.4	96.7	105.3	113.1	120.2
27.5°	45.7	55.5	64.9	75.4	87.3	98.6	109.1	118.9	128.6	137.3	145.6
26.25°	58.9	69.1	82.4	95.5	107.9	119.7	131.5	142.7	153.8	164.0	174.1
25°	72.7	87.5	101.7	115.3	128.9	142.2	155.7	169.0	182.1	194.8	207.2
23.75°	90.5	105.9	120.7	135.9	151.3	166.7	182.7	198.9	214.8	230.0	243.9
22.5°	107.9	124.2	140.6	157.9	175.9	194.3	213.6	232.4	250.2	266.0	280.2
21.25°	125.3	143.2	161.9	182.0	203.4	225.1	246.6	266.3	284.7	302.9	319.4
20°	143.2	163.2	185.1	208.9	233.2	256.8	278.6	300.8	321.8	341.6	359.5
18.75°	161.9	185.1	210.7	237.2	262.8	287.4	312.5	336.7	359.3	380.2	399.5
17.5°	182.0	208.9	237.2	264.9	292.0	319.7	346.7	372.3	396.5	419.2	438.9
16.25°	203.4	233.2	262.8	292.0	322.1	351.8	380.2	407.7	433.0	455.7	475.8
15°	225.1	256.8	287.4	319.7	351.8	382.8	413.3	441.3	466.8	490.2	510.9
13.75°	246.6	278.6	312.5	346.7	380.2	413.3	444.1	472.5	498.7	522.7	544.2
12.5°	266.3	300.8	336.7	372.3	407.7	441.3	472.5	501.6	528.5	553.2	574.7
11.25°	284.7	321.8	359.3	396.5	433.0	466.8	498.7	528.5	556.1	580.7	602.1
10°	302.9	341.6	380.2	419.2	455.7	490.2	522.7	553.2	580.7	605.1	622.8
8.75°	319.4	359.5	399.5	438.9	475.8	510.9	544.2	574.7	602.1	622.8	639.7
7.5°	334.3	375.3	416.8	456.2	493.6	529.3	562.8	593.2	618.1	637.4	652.9
6.25°	347.2	389.0	431.2	470.9	508.8	545.1	578.7	608.9	630.7	649.1	663.4
5°	357.9	400.7	443.0	483.1	521.6	558.0	591.4	619.0	640.6	657.6	672.1
3.75°	366.3	410.0	452.3	492.7	531.4	567.9	601.4	627.2	648.1	664.2	678.8
2.5°	372.4	416.6	459.0	499.5	538.5	575.1	608.6	632.6	652.7	669.0	683.8
1.25°	376.0	420.7	462.9	503.6	542.8	579.5	611.9	635.9	655.5	672.0	686.6
0°	377.3	422.0	464.3	505.0	544.3	581.0	613.0	637.0	656.5	673.0	687.5
-1.25°	376.0	420.7	462.9	503.6	542.8	579.5	611.9	635.9	655.5	672.0	686.6
-2.5°	372.4	416.6	459.0	499.5	538.5	575.1	608.6	632.6	652.7	669.0	683.8
-3.75°	366.3	410.0	452.3	492.7	531.4	567.9	601.4	627.2	648.1	664.2	678.8
-5°	357.9	400.7	443.0	483.1	521.6	558.0	591.4	619.0	640.6	657.6	672.1
-6.25°	347.2	389.0	431.2	470.9	508.8	545.1	578.7	608.9	630.7	649.1	663.4
-7.5°	334.3	375.3	416.8	456.2	493.6	529.3	562.8	593.2	618.1	637.4	652.9
-8.75°	319.4	359.5	399.5	438.9	475.8	510.9	544.2	574.7	602.1	622.8	639.7
-10°	302.9	341.6	380.2	419.2	455.7	490.2	522.7	553.2	580.7	605.1	622.8
-11.25°	284.7	321.8	359.3	396.5	433.0	466.8	498.7	528.5	556.1	580.7	602.1
-12.5°	266.3	300.8	336.7	372.3	407.7	441.3	472.5	501.6	528.5	553.2	574.7
-13.75°	246.6	278.6	312.5	346.7	380.2	413.3	444.1	472.5	498.7	522.7	544.2
-15°	225.1	256.8	287.4	319.7	351.8	382.8	413.3	441.3	466.8	490.2	510.9
-16.25°	203.4	233.2	262.8	292.0	322.1	351.8	380.2	407.7	433.0	455.7	475.8
-17.5°	182.0	208.9	237.2	264.9	292.0	319.7	346.7	372.3	396.5	419.2	438.9
-18.75°	161.9	185.1	210.7	237.2	262.8	287.4	312.5	336.7	359.3	380.2	399.5
-20°	143.2	163.2	185.1	208.9	233.2	256.8	278.6	300.8	321.8	341.6	359.5
-21.25°	125.3	143.2	161.9	182.0	203.4	225.1	246.6	266.3	284.7	302.9	319.4



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	107.9	124.2	140.6	157.9	175.9	194.3	213.6	232.4	250.2	266.0	280.2
-23.75°	90.5	105.9	120.7	135.9	151.3	166.7	182.7	198.9	214.8	230.0	243.9
-25°	72.7	87.5	101.7	115.3	128.9	142.2	155.7	169.0	182.1	194.8	207.2
-26.25°	58.9	69.1	82.4	95.5	107.9	119.7	131.5	142.7	153.8	164.0	174.1
-27.5°	45.7	55.5	64.9	75.4	87.3	98.6	109.1	118.9	128.6	137.3	145.6
-28.75°	34.8	41.6	50.7	59.3	67.5	77.3	87.4	96.7	105.3	113.1	120.2
-30°	33.6	34.4	36.3	44.6	52.4	59.8	66.7	74.4	82.6	90.1	96.7
-31.25°	32.4	33.1	33.9	34.5	37.3	44.3	51.0	57.1	62.7	67.8	73.3
-32.5°	31.5	31.9	32.6	33.3	33.9	34.5	35.1	41.0	46.4	51.2	55.5
-33.75°	30.6	31.1	31.6	32.0	32.6	33.1	33.6	34.1	34.6	35.0	38.7
-35°	30.0	30.3	30.7	31.1	31.5	31.8	32.3	32.7	33.1	33.5	33.9
-36.25°	30.0	30.0	30.0	30.2	30.6	30.9	31.3	31.5	31.8	32.1	32.4
-37.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.3	30.6	30.9	31.1	31.3
-38.75°	29.6	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.3
-40°	29.2	29.4	29.6	29.8	29.9	30.0	30.0	30.0	30.0	30.0	30.0
-41.25°	28.6	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.0	30.0	30.0
-42.5°	27.7	28.1	28.4	28.7	29.0	29.2	29.3	29.4	29.5	29.6	29.7
-43.75°	26.9	27.2	27.5	27.8	28.1	28.4	28.6	28.9	29.0	29.1	29.2
-45°	26.0	26.3	26.6	26.9	27.2	27.5	27.7	27.9	28.1	28.3	28.5
-46.25°	25.1	25.4	25.7	26.0	26.3	26.5	26.8	27.0	27.2	27.3	27.5
-47.5°	24.6	24.8	24.9	25.1	25.3	25.6	25.8	26.0	26.2	26.4	26.5
-48.75°	24.2	24.3	24.5	24.6	24.7	24.8	24.9	25.1	25.2	25.4	25.5
-50°	23.7	23.9	24.0	24.1	24.2	24.4	24.5	24.5	24.6	24.7	24.8
-51.25°	23.3	23.4	23.5	23.7	23.8	23.9	24.0	24.1	24.1	24.2	24.3
-52.5°	22.8	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.7	23.8
-53.75°	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.2	23.3
-55°	21.9	22.0	22.2	22.3	22.4	22.5	22.5	22.6	22.7	22.8	22.8
-56.25°	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.1	22.2	22.3	22.3
-57.5°	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.7	21.8	21.8
-58.75°	20.1	20.3	20.5	20.7	20.9	21.0	21.1	21.2	21.2	21.3	21.3
-60°	19.2	19.4	19.6	19.8	19.9	20.1	20.2	20.4	20.5	20.6	20.7
-61.25°	18.3	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.5	19.6	19.7
-62.5°	17.4	17.6	17.7	17.9	18.1	18.2	18.3	18.4	18.5	18.6	18.7
-63.75°	16.2	16.5	16.7	16.9	17.1	17.2	17.4	17.5	17.6	17.7	17.7
-65°	14.8	15.1	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5	16.6
-66.25°	13.8	13.9	14.0	14.1	14.3	14.5	14.6	14.8	14.9	15.0	15.1
-67.5°	13.4	13.4	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.9	13.9
-68.75°	12.9	13.0	13.0	13.1	13.1	13.2	13.2	13.3	13.3	13.4	13.4
-70°	12.4	12.5	12.6	12.6	12.7	12.7	12.8	12.8	12.8	12.9	12.9
-71.25°	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3	12.4	12.4	12.4
-72.5°	11.5	11.6	11.6	11.7	11.7	11.8	11.8	11.8	11.9	11.9	11.9
-73.75°	11.0	11.1	11.1	11.2	11.2	11.3	11.3	11.3	11.4	11.4	11.4
-75°	10.2	10.3	10.3	10.4	10.5	10.6	10.6	10.7	10.8	10.8	10.9
-76.25°	9.2	9.3	9.4	9.5	9.6	9.6	9.7	9.7	9.8	9.8	9.9
-77.5°	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.8	8.9



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9
-80°	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9
-81.25°	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9
-82.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-83.75°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
-85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
-86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
82.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
81.25°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
80°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
78.75°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
77.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
76.25°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
75°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
73.75°	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
72.5°	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
71.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
70°	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
68.75°	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
67.5°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
66.25°	15.2	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
65°	16.7	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
63.75°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
62.5°	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
61.25°	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
60°	20.8	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9
58.75°	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4
57.5°	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.9
56.25°	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.4
55°	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9
53.75°	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.4
52.5°	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
51.25°	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.4
50°	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.9
48.75°	25.7	25.8	25.8	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.8
47.5°	26.6	26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.8
46.25°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
45°	28.6	28.7	28.8	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.8
43.75°	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.4	29.4
42.5°	29.8	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	29.9	29.9
41.25°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
40°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
38.75°	30.5	30.7	30.8	30.9	30.9	31.0	31.0	31.0	30.9	30.9	30.8
37.5°	31.5	31.6	31.8	31.9	31.9	32.0	32.0	32.0	31.9	31.9	31.8
36.25°	32.7	32.9	33.1	33.3	33.4	33.5	33.5	33.5	33.4	33.3	33.1
35°	34.2	34.4	34.6	34.8	34.9	35.0	35.0	35.0	34.9	34.8	34.6



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	42.3	45.4	48.0	49.9	51.4	52.2	52.5	52.2	51.4	49.9	48.0
32.5°	59.3	62.6	65.2	67.3	68.8	69.7	70.0	69.7	68.8	67.3	65.2
31.25°	78.8	83.6	87.5	90.5	92.7	94.1	94.5	94.1	92.7	90.5	87.5
30°	102.6	107.5	111.6	114.8	117.2	118.5	119.0	118.5	117.2	114.8	111.6
28.75°	126.7	132.3	137.0	140.6	143.5	145.2	145.8	145.2	143.5	140.6	137.0
27.5°	153.2	159.6	165.2	169.9	173.3	175.3	176.0	175.3	173.3	169.9	165.2
26.25°	183.1	191.0	198.3	204.1	208.2	210.7	211.5	210.7	208.2	204.1	198.3
25°	218.1	227.9	236.2	242.6	247.3	250.1	251.0	250.1	247.3	242.6	236.2
23.75°	255.9	266.1	274.5	281.2	286.3	289.4	290.5	289.4	286.3	281.2	274.5
22.5°	293.7	305.5	315.3	323.2	328.9	332.3	333.5	332.3	328.9	323.2	315.3
21.25°	334.3	347.2	357.9	366.3	372.4	376.0	377.3	376.0	372.4	366.3	357.9
20°	375.3	389.0	400.7	410.0	416.6	420.7	422.0	420.7	416.6	410.0	400.7
18.75°	416.8	431.2	443.0	452.3	459.0	462.9	464.3	462.9	459.0	452.3	443.0
17.5°	456.2	470.9	483.1	492.7	499.5	503.6	505.0	503.6	499.5	492.7	483.1
16.25°	493.6	508.8	521.6	531.4	538.5	542.8	544.3	542.8	538.5	531.4	521.6
15°	529.3	545.1	558.0	567.9	575.1	579.5	581.0	579.5	575.1	567.9	558.0
13.75°	562.8	578.7	591.4	601.4	608.6	611.9	613.0	611.9	608.6	601.4	591.4
12.5°	593.2	608.9	619.0	627.2	632.6	635.9	637.0	635.9	632.6	627.2	619.0
11.25°	618.1	630.7	640.6	648.1	652.7	655.5	656.5	655.5	652.7	648.1	640.6
10°	637.4	649.1	657.6	664.2	669.0	672.0	673.0	672.0	669.0	664.2	657.6
8.75°	652.9	663.4	672.1	678.8	683.8	686.6	687.5	686.6	683.8	678.8	672.1
7.5°	665.3	676.0	684.9	691.2	695.7	697.8	698.5	697.8	695.7	691.2	684.9
6.25°	676.0	686.7	695.0	700.0	702.8	703.9	704.3	703.9	702.8	700.0	695.0
5°	684.9	695.0	701.5	704.3	705.8	706.7	707.0	706.7	705.8	704.3	701.5
3.75°	691.2	700.0	704.3	706.4	707.5	708.0	708.0	708.0	707.5	706.4	704.3
2.5°	695.7	702.8	705.8	707.5	708.0	708.2	708.5	708.2	708.0	707.5	705.8
1.25°	697.8	703.9	706.7	708.0	708.2	709.0	709.0	709.0	708.2	708.0	706.7
0°	698.5	704.3	707.0	708.0	708.5	709.0	711.0	709.0	708.5	708.0	707.0
-1.25°	697.8	703.9	706.7	708.0	708.2	709.0	709.0	709.0	708.2	708.0	706.7
-2.5°	695.7	702.8	705.8	707.5	708.0	708.2	708.5	708.2	708.0	707.5	705.8
-3.75°	691.2	700.0	704.3	706.4	707.5	708.0	708.0	708.0	707.5	706.4	704.3
-5°	684.9	695.0	701.5	704.3	705.8	706.7	707.0	706.7	705.8	704.3	701.5
-6.25°	676.0	686.7	695.0	700.0	702.8	703.9	704.3	703.9	702.8	700.0	695.0
-7.5°	665.3	676.0	684.9	691.2	695.7	697.8	698.5	697.8	695.7	691.2	684.9
-8.75°	652.9	663.4	672.1	678.8	683.8	686.6	687.5	686.6	683.8	678.8	672.1
-10°	637.4	649.1	657.6	664.2	669.0	672.0	673.0	672.0	669.0	664.2	657.6
-11.25°	618.1	630.7	640.6	648.1	652.7	655.5	656.5	655.5	652.7	648.1	640.6
-12.5°	593.2	608.9	619.0	627.2	632.6	635.9	637.0	635.9	632.6	627.2	619.0
-13.75°	562.8	578.7	591.4	601.4	608.6	611.9	613.0	611.9	608.6	601.4	591.4
-15°	529.3	545.1	558.0	567.9	575.1	579.5	581.0	579.5	575.1	567.9	558.0
-16.25°	493.6	508.8	521.6	531.4	538.5	542.8	544.3	542.8	538.5	531.4	521.6
-17.5°	456.2	470.9	483.1	492.7	499.5	503.6	505.0	503.6	499.5	492.7	483.1
-18.75°	416.8	431.2	443.0	452.3	459.0	462.9	464.3	462.9	459.0	452.3	443.0
-20°	375.3	389.0	400.7	410.0	416.6	420.7	422.0	420.7	416.6	410.0	400.7
-21.25°	334.3	347.2	357.9	366.3	372.4	376.0	377.3	376.0	372.4	366.3	357.9





REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	293.7	305.5	315.3	323.2	328.9	332.3	333.5	332.3	328.9	323.2	315.3
-23.75°	255.9	266.1	274.5	281.2	286.3	289.4	290.5	289.4	286.3	281.2	274.5
-25°	218.1	227.9	236.2	242.6	247.3	250.1	251.0	250.1	247.3	242.6	236.2
-26.25°	183.1	191.0	198.3	204.1	208.2	210.7	211.5	210.7	208.2	204.1	198.3
-27.5°	153.2	159.6	165.2	169.9	173.3	175.3	176.0	175.3	173.3	169.9	165.2
-28.75°	126.7	132.3	137.0	140.6	143.5	145.2	145.8	145.2	143.5	140.6	137.0
-30°	102.6	107.5	111.6	114.8	117.2	118.5	119.0	118.5	117.2	114.8	111.6
-31.25°	78.8	83.6	87.5	90.5	92.7	94.1	94.5	94.1	92.7	90.5	87.5
-32.5°	59.3	62.6	65.2	67.3	68.8	69.7	70.0	69.7	68.8	67.3	65.2
-33.75°	42.3	45.4	48.0	49.9	51.4	52.2	52.5	52.2	51.4	49.9	48.0
-35°	34.2	34.4	34.6	34.8	34.9	35.0	35.0	35.0	34.9	34.8	34.6
-36.25°	32.7	32.9	33.1	33.3	33.4	33.5	33.5	33.5	33.4	33.3	33.1
-37.5°	31.5	31.6	31.8	31.9	31.9	32.0	32.0	32.0	31.9	31.9	31.8
-38.75°	30.5	30.7	30.8	30.9	30.9	31.0	31.0	31.0	30.9	30.9	30.8
-40°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
-41.25°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
-42.5°	29.8	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	29.9	29.9
-43.75°	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.4	29.4
-45°	28.6	28.7	28.8	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.8
-46.25°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
-47.5°	26.6	26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.8
-48.75°	25.7	25.8	25.8	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.8
-50°	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.9
-51.25°	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.4
-52.5°	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
-53.75°	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.4
-55°	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9
-56.25°	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.4
-57.5°	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.9
-58.75°	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4
-60°	20.8	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9
-61.25°	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-62.5°	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
-63.75°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
-65°	16.7	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
-66.25°	15.2	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
-67.5°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
-68.75°	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
-70°	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
-71.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
-72.5°	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-73.75°	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
-75°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
-76.25°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
-77.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-80°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-81.25°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-82.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-83.75°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
83.75°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
82.5°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
81.25°	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6
80°	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6
78.75°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
77.5°	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5
76.25°	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4
75°	10.9	10.9	10.9	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3
73.75°	11.5	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.1
72.5°	12.0	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.6
71.25°	12.5	12.4	12.4	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1
70°	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6
68.75°	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0
67.5°	13.9	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5
66.25°	15.3	15.2	15.1	15.0	14.9	14.8	14.6	14.5	14.3	14.1	14.0
65°	16.8	16.7	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.5	15.3
63.75°	17.9	17.8	17.7	17.7	17.6	17.5	17.4	17.2	17.1	16.9	16.7
62.5°	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.2	18.1	17.9	17.7
61.25°	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.1	19.0	18.8	18.7
60°	20.8	20.8	20.7	20.6	20.5	20.4	20.2	20.1	19.9	19.8	19.6
58.75°	21.4	21.4	21.3	21.3	21.2	21.2	21.1	21.0	20.9	20.7	20.5
57.5°	21.9	21.9	21.8	21.8	21.7	21.7	21.6	21.5	21.4	21.3	21.2
56.25°	22.4	22.4	22.3	22.3	22.2	22.1	22.1	22.0	21.9	21.8	21.7
55°	22.9	22.9	22.8	22.8	22.7	22.6	22.5	22.5	22.4	22.3	22.2
53.75°	23.4	23.4	23.3	23.2	23.2	23.1	23.0	22.9	22.8	22.7	22.6
52.5°	23.9	23.8	23.8	23.7	23.7	23.6	23.5	23.4	23.3	23.2	23.1
51.25°	24.4	24.3	24.3	24.2	24.1	24.1	24.0	23.9	23.8	23.7	23.5
50°	24.9	24.8	24.8	24.7	24.6	24.5	24.5	24.4	24.2	24.1	24.0
48.75°	25.8	25.7	25.5	25.4	25.2	25.1	24.9	24.8	24.7	24.6	24.5
47.5°	26.8	26.6	26.5	26.4	26.2	26.0	25.8	25.6	25.3	25.1	24.9
46.25°	27.7	27.6	27.5	27.3	27.2	27.0	26.8	26.5	26.3	26.0	25.7
45°	28.7	28.6	28.5	28.3	28.1	27.9	27.7	27.5	27.2	26.9	26.6
43.75°	29.4	29.3	29.2	29.1	29.0	28.9	28.6	28.4	28.1	27.8	27.5
42.5°	29.9	29.8	29.7	29.6	29.5	29.4	29.3	29.2	29.0	28.7	28.4
41.25°	30.0	30.0	30.0	30.0	30.0	29.9	29.8	29.6	29.5	29.3	29.2
40°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.9	29.8	29.6
38.75°	30.7	30.5	30.3	30.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0
37.5°	31.6	31.5	31.3	31.1	30.9	30.6	30.3	30.0	30.0	30.0	30.0
36.25°	32.9	32.7	32.4	32.1	31.8	31.5	31.3	30.9	30.6	30.2	30.0
35°	34.4	34.2	33.9	33.5	33.1	32.7	32.3	31.8	31.5	31.1	30.7



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDGR-W-WT-LC1-UNV

**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°	45.4	42.3	38.7	35.0	34.6	34.1	33.6	33.1	32.6	32.0	31.6
32.5°	62.6	59.3	55.5	51.2	46.4	41.0	35.1	34.5	33.9	33.3	32.6
31.25°	83.6	78.8	73.3	67.8	62.7	57.1	51.0	44.3	37.3	34.5	33.9
30°	107.5	102.6	96.7	90.1	82.6	74.4	66.7	59.8	52.4	44.6	36.3
28.75°	132.3	126.7	120.2	113.1	105.3	96.7	87.4	77.3	67.5	59.3	50.7
27.5°	159.6	153.2	145.6	137.3	128.6	118.9	109.1	98.6	87.3	75.4	64.9
26.25°	191.0	183.1	174.1	164.0	153.8	142.7	131.5	119.7	107.9	95.5	82.4
25°	227.9	218.1	207.2	194.8	182.1	169.0	155.7	142.2	128.9	115.3	101.7
23.75°	266.1	255.9	243.9	230.0	214.8	198.9	182.7	166.7	151.3	135.9	120.7
22.5°	305.5	293.7	280.2	266.0	250.2	232.4	213.6	194.3	175.9	157.9	140.6
21.25°	347.2	334.3	319.4	302.9	284.7	266.3	246.6	225.1	203.4	182.0	161.9
20°	389.0	375.3	359.5	341.6	321.8	300.8	278.6	256.8	233.2	208.9	185.1
18.75°	431.2	416.8	399.5	380.2	359.3	336.7	312.5	287.4	262.8	237.2	210.7
17.5°	470.9	456.2	438.9	419.2	396.5	372.3	346.7	319.7	292.0	264.9	237.2
16.25°	508.8	493.6	475.8	455.7	433.0	407.7	380.2	351.8	322.1	292.0	262.8
15°	545.1	529.3	510.9	490.2	466.8	441.3	413.3	382.8	351.8	319.7	287.4
13.75°	578.7	562.8	544.2	522.7	498.7	472.5	444.1	413.3	380.2	346.7	312.5
12.5°	608.9	593.2	574.7	553.2	528.5	501.6	472.5	441.3	407.7	372.3	336.7
11.25°	630.7	618.1	602.1	580.7	556.1	528.5	498.7	466.8	433.0	396.5	359.3
10°	649.1	637.4	622.8	605.1	580.7	553.2	522.7	490.2	455.7	419.2	380.2
8.75°	663.4	652.9	639.7	622.8	602.1	574.7	544.2	510.9	475.8	438.9	399.5
7.5°	676.0	665.3	652.9	637.4	618.1	593.2	562.8	529.3	493.6	456.2	416.8
6.25°	686.7	676.0	663.4	649.1	630.7	608.9	578.7	545.1	508.8	470.9	431.2
5°	695.0	684.9	672.1	657.6	640.6	619.0	591.4	558.0	521.6	483.1	443.0
3.75°	700.0	691.2	678.8	664.2	648.1	627.2	601.4	567.9	531.4	492.7	452.3
2.5°	702.8	695.7	683.8	669.0	652.7	632.6	608.6	575.1	538.5	499.5	459.0
1.25°	703.9	697.8	686.6	672.0	655.5	635.9	611.9	579.5	542.8	503.6	462.9
0°	704.3	698.5	687.5	673.0	656.5	637.0	613.0	581.0	544.3	505.0	464.3
-1.25°	703.9	697.8	686.6	672.0	655.5	635.9	611.9	579.5	542.8	503.6	462.9
-2.5°	702.8	695.7	683.8	669.0	652.7	632.6	608.6	575.1	538.5	499.5	459.0
-3.75°	700.0	691.2	678.8	664.2	648.1	627.2	601.4	567.9	531.4	492.7	452.3
-5°	695.0	684.9	672.1	657.6	640.6	619.0	591.4	558.0	521.6	483.1	443.0
-6.25°	686.7	676.0	663.4	649.1	630.7	608.9	578.7	545.1	508.8	470.9	431.2
-7.5°	676.0	665.3	652.9	637.4	618.1	593.2	562.8	529.3	493.6	456.2	416.8
-8.75°	663.4	652.9	639.7	622.8	602.1	574.7	544.2	510.9	475.8	438.9	399.5
-10°	649.1	637.4	622.8	605.1	580.7	553.2	522.7	490.2	455.7	419.2	380.2
-11.25°	630.7	618.1	602.1	580.7	556.1	528.5	498.7	466.8	433.0	396.5	359.3
-12.5°	608.9	593.2	574.7	553.2	528.5	501.6	472.5	441.3	407.7	372.3	336.7
-13.75°	578.7	562.8	544.2	522.7	498.7	472.5	444.1	413.3	380.2	346.7	312.5
-15°	545.1	529.3	510.9	490.2	466.8	441.3	413.3	382.8	351.8	319.7	287.4
-16.25°	508.8	493.6	475.8	455.7	433.0	407.7	380.2	351.8	322.1	292.0	262.8
-17.5°	470.9	456.2	438.9	419.2	396.5	372.3	346.7	319.7	292.0	264.9	237.2
-18.75°	431.2	416.8	399.5	380.2	359.3	336.7	312.5	287.4	262.8	237.2	210.7
-20°	389.0	375.3	359.5	341.6	321.8	300.8	278.6	256.8	233.2	208.9	185.1
-21.25°	347.2	334.3	319.4	302.9	284.7	266.3	246.6	225.1	203.4	182.0	161.9



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	305.5	293.7	280.2	266.0	250.2	232.4	213.6	194.3	175.9	157.9	140.6
-23.75°	266.1	255.9	243.9	230.0	214.8	198.9	182.7	166.7	151.3	135.9	120.7
-25°	227.9	218.1	207.2	194.8	182.1	169.0	155.7	142.2	128.9	115.3	101.7
-26.25°	191.0	183.1	174.1	164.0	153.8	142.7	131.5	119.7	107.9	95.5	82.4
-27.5°	159.6	153.2	145.6	137.3	128.6	118.9	109.1	98.6	87.3	75.4	64.9
-28.75°	132.3	126.7	120.2	113.1	105.3	96.7	87.4	77.3	67.5	59.3	50.7
-30°	107.5	102.6	96.7	90.1	82.6	74.4	66.7	59.8	52.4	44.6	36.3
-31.25°	83.6	78.8	73.3	67.8	62.7	57.1	51.0	44.3	37.3	34.5	33.9
-32.5°	62.6	59.3	55.5	51.2	46.4	41.0	35.1	34.5	33.9	33.3	32.6
-33.75°	45.4	42.3	38.7	35.0	34.6	34.1	33.6	33.1	32.6	32.0	31.6
-35°	34.4	34.2	33.9	33.5	33.1	32.7	32.3	31.8	31.5	31.1	30.7
-36.25°	32.9	32.7	32.4	32.1	31.8	31.5	31.3	30.9	30.6	30.2	30.0
-37.5°	31.6	31.5	31.3	31.1	30.9	30.6	30.3	30.0	30.0	30.0	30.0
-38.75°	30.7	30.5	30.3	30.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0
-40°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.9	29.8	29.6
-41.25°	30.0	30.0	30.0	30.0	30.0	29.9	29.8	29.6	29.5	29.3	29.2
-42.5°	29.9	29.8	29.7	29.6	29.5	29.4	29.3	29.2	29.0	28.7	28.4
-43.75°	29.4	29.3	29.2	29.1	29.0	28.9	28.6	28.4	28.1	27.8	27.5
-45°	28.7	28.6	28.5	28.3	28.1	27.9	27.7	27.5	27.2	26.9	26.6
-46.25°	27.7	27.6	27.5	27.3	27.2	27.0	26.8	26.5	26.3	26.0	25.7
-47.5°	26.8	26.6	26.5	26.4	26.2	26.0	25.8	25.6	25.3	25.1	24.9
-48.75°	25.8	25.7	25.5	25.4	25.2	25.1	24.9	24.8	24.7	24.6	24.5
-50°	24.9	24.8	24.8	24.7	24.6	24.5	24.5	24.4	24.2	24.1	24.0
-51.25°	24.4	24.3	24.3	24.2	24.1	24.1	24.0	23.9	23.8	23.7	23.5
-52.5°	23.9	23.8	23.8	23.7	23.7	23.6	23.5	23.4	23.3	23.2	23.1
-53.75°	23.4	23.4	23.3	23.2	23.2	23.1	23.0	22.9	22.8	22.7	22.6
-55°	22.9	22.9	22.8	22.8	22.7	22.6	22.5	22.5	22.4	22.3	22.2
-56.25°	22.4	22.4	22.3	22.3	22.2	22.1	22.1	22.0	21.9	21.8	21.7
-57.5°	21.9	21.9	21.8	21.8	21.7	21.7	21.6	21.5	21.4	21.3	21.2
-58.75°	21.4	21.4	21.3	21.3	21.2	21.2	21.1	21.0	20.9	20.7	20.5
-60°	20.8	20.8	20.7	20.6	20.5	20.4	20.2	20.1	19.9	19.8	19.6
-61.25°	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.1	19.0	18.8	18.7
-62.5°	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.2	18.1	17.9	17.7
-63.75°	17.9	17.8	17.7	17.7	17.6	17.5	17.4	17.2	17.1	16.9	16.7
-65°	16.8	16.7	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.5	15.3
-66.25°	15.3	15.2	15.1	15.0	14.9	14.8	14.6	14.5	14.3	14.1	14.0
-67.5°	13.9	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5
-68.75°	13.4	13.4	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.1	13.0
-70°	13.0	12.9	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.6
-71.25°	12.5	12.4	12.4	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1
-72.5°	12.0	11.9	11.9	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.6
-73.75°	11.5	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.2	11.2	11.1
-75°	10.9	10.9	10.9	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3
-76.25°	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4
-77.5°	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
-80°	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6
-81.25°	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6
-82.5°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-83.75°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-88.75°	0.5	0.5	0.5	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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
83.75°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
81.25°	5.6	5.5	5.5	5.4	5.3	5.3	5.2	5.1	5.1	5.0	4.9
80°	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7
78.75°	7.5	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6
77.5°	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.6	7.5	7.4
76.25°	9.3	9.2	9.1	9.1	9.0	8.8	8.7	8.6	8.5	8.4	8.3
75°	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.4	9.2	9.1
73.75°	11.1	11.0	11.0	10.9	10.8	10.6	10.5	10.4	10.2	10.1	9.9
72.5°	11.6	11.5	11.5	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.8
71.25°	12.0	12.0	11.9	11.8	11.8	11.7	11.6	11.5	11.5	11.4	11.3
70°	12.5	12.4	12.4	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7
68.75°	13.0	12.9	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.2	12.1
67.5°	13.4	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5
66.25°	13.9	13.8	13.7	13.7	13.6	13.5	13.4	13.3	13.2	13.1	12.9
65°	15.1	14.8	14.6	14.3	14.0	13.9	13.8	13.7	13.6	13.5	13.4
63.75°	16.5	16.2	15.9	15.7	15.4	15.0	14.7	14.4	14.0	13.9	13.8
62.5°	17.6	17.4	17.2	17.0	16.7	16.4	16.0	15.7	15.3	14.9	14.5
61.25°	18.5	18.3	18.1	17.9	17.7	17.4	17.2	16.9	16.5	16.1	15.7
60°	19.4	19.2	19.0	18.8	18.6	18.3	18.1	17.8	17.5	17.2	16.9
58.75°	20.3	20.1	19.9	19.7	19.4	19.2	18.9	18.6	18.4	18.1	17.8
57.5°	21.1	21.0	20.8	20.6	20.3	20.0	19.8	19.5	19.2	18.9	18.6
56.25°	21.6	21.5	21.4	21.2	21.1	20.9	20.6	20.3	20.0	19.7	19.4
55°	22.0	21.9	21.8	21.7	21.5	21.4	21.2	21.1	20.8	20.5	20.1
53.75°	22.5	22.4	22.2	22.1	22.0	21.8	21.7	21.5	21.3	21.1	20.9
52.5°	23.0	22.8	22.7	22.5	22.4	22.2	22.1	21.9	21.7	21.5	21.4
51.25°	23.4	23.3	23.1	23.0	22.8	22.7	22.5	22.3	22.1	21.9	21.7
50°	23.9	23.7	23.6	23.4	23.3	23.1	22.9	22.7	22.5	22.3	22.1
48.75°	24.3	24.2	24.0	23.8	23.7	23.5	23.3	23.1	22.9	22.7	22.5
47.5°	24.8	24.6	24.4	24.3	24.1	23.9	23.7	23.5	23.3	23.1	22.9
46.25°	25.4	25.1	24.9	24.7	24.5	24.3	24.1	23.9	23.7	23.5	23.3
45°	26.3	26.0	25.6	25.3	24.9	24.7	24.5	24.3	24.1	23.9	23.6
43.75°	27.2	26.9	26.5	26.1	25.7	25.3	24.9	24.7	24.5	24.3	24.0
42.5°	28.1	27.7	27.3	27.0	26.5	26.1	25.7	25.2	24.9	24.6	24.4
41.25°	29.0	28.6	28.2	27.8	27.4	26.9	26.5	26.0	25.5	25.0	24.7
40°	29.4	29.2	29.0	28.6	28.2	27.7	27.2	26.8	26.2	25.7	25.2
38.75°	29.9	29.6	29.4	29.2	29.0	28.5	28.0	27.5	27.0	26.5	25.9
37.5°	30.0	30.0	29.9	29.6	29.4	29.1	28.8	28.3	27.7	27.2	26.6
36.25°	30.0	30.0	30.0	30.0	29.8	29.5	29.3	29.0	28.4	27.9	27.3
35°	30.3	30.0	30.0	30.0	30.0	29.9	29.6	29.4	29.1	28.6	28.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	31.1	30.6	30.2	30.0	30.0	30.0	30.0	29.7	29.4	29.1	28.6
32.5°	31.9	31.5	30.9	30.4	30.0	30.0	30.0	30.0	29.8	29.5	29.1
31.25°	33.1	32.4	31.7	31.2	30.6	30.1	30.0	30.0	30.0	29.8	29.5
30°	34.4	33.6	32.8	31.9	31.4	30.8	30.2	30.0	30.0	30.0	29.8
28.75°	41.6	34.8	33.9	33.0	32.1	31.5	30.8	30.2	30.0	30.0	30.0
27.5°	55.5	45.7	35.5	34.1	33.2	32.2	31.5	30.8	30.2	30.0	30.0
26.25°	69.1	58.9	48.4	37.5	34.2	33.3	32.2	31.5	30.8	30.1	30.0
25°	87.5	72.7	61.0	49.7	38.1	34.2	33.2	32.1	31.4	30.6	30.0
23.75°	105.9	90.5	74.7	61.7	49.7	37.5	34.1	33.0	31.9	31.2	30.4
22.5°	124.2	107.9	91.6	74.7	61.0	48.4	35.5	33.9	32.8	31.7	30.9
21.25°	143.2	125.3	107.9	90.5	72.7	58.9	45.7	34.8	33.6	32.4	31.5
20°	163.2	143.2	124.2	105.9	87.5	69.1	55.5	41.6	34.4	33.1	31.9
18.75°	185.1	161.9	140.6	120.7	101.7	82.4	64.9	50.7	36.3	33.9	32.6
17.5°	208.9	182.0	157.9	135.9	115.3	95.5	75.4	59.3	44.6	34.5	33.3
16.25°	233.2	203.4	175.9	151.3	128.9	107.9	87.3	67.5	52.4	37.3	33.9
15°	256.8	225.1	194.3	166.7	142.2	119.7	98.6	77.3	59.8	44.3	34.5
13.75°	278.6	246.6	213.6	182.7	155.7	131.5	109.1	87.4	66.7	51.0	35.1
12.5°	300.8	266.3	232.4	198.9	169.0	142.7	118.9	96.7	74.4	57.1	41.0
11.25°	321.8	284.7	250.2	214.8	182.1	153.8	128.6	105.3	82.6	62.7	46.4
10°	341.6	302.9	266.0	230.0	194.8	164.0	137.3	113.1	90.1	67.8	51.2
8.75°	359.5	319.4	280.2	243.9	207.2	174.1	145.6	120.2	96.7	73.3	55.5
7.5°	375.3	334.3	293.7	255.9	218.1	183.1	153.2	126.7	102.6	78.8	59.3
6.25°	389.0	347.2	305.5	266.1	227.9	191.0	159.6	132.3	107.5	83.6	62.6
5°	400.7	357.9	315.3	274.5	236.2	198.3	165.2	137.0	111.6	87.5	65.2
3.75°	410.0	366.3	323.2	281.2	242.6	204.1	169.9	140.6	114.8	90.5	67.3
2.5°	416.6	372.4	328.9	286.3	247.3	208.2	173.3	143.5	117.2	92.7	68.8
1.25°	420.7	376.0	332.3	289.4	250.1	210.7	175.3	145.2	118.5	94.1	69.7
0°	422.0	377.3	333.5	290.5	251.0	211.5	176.0	145.8	119.0	94.5	70.0
-1.25°	420.7	376.0	332.3	289.4	250.1	210.7	175.3	145.2	118.5	94.1	69.7
-2.5°	416.6	372.4	328.9	286.3	247.3	208.2	173.3	143.5	117.2	92.7	68.8
-3.75°	410.0	366.3	323.2	281.2	242.6	204.1	169.9	140.6	114.8	90.5	67.3
-5°	400.7	357.9	315.3	274.5	236.2	198.3	165.2	137.0	111.6	87.5	65.2
-6.25°	389.0	347.2	305.5	266.1	227.9	191.0	159.6	132.3	107.5	83.6	62.6
-7.5°	375.3	334.3	293.7	255.9	218.1	183.1	153.2	126.7	102.6	78.8	59.3
-8.75°	359.5	319.4	280.2	243.9	207.2	174.1	145.6	120.2	96.7	73.3	55.5
-10°	341.6	302.9	266.0	230.0	194.8	164.0	137.3	113.1	90.1	67.8	51.2
-11.25°	321.8	284.7	250.2	214.8	182.1	153.8	128.6	105.3	82.6	62.7	46.4
-12.5°	300.8	266.3	232.4	198.9	169.0	142.7	118.9	96.7	74.4	57.1	41.0
-13.75°	278.6	246.6	213.6	182.7	155.7	131.5	109.1	87.4	66.7	51.0	35.1
-15°	256.8	225.1	194.3	166.7	142.2	119.7	98.6	77.3	59.8	44.3	34.5
-16.25°	233.2	203.4	175.9	151.3	128.9	107.9	87.3	67.5	52.4	37.3	33.9
-17.5°	208.9	182.0	157.9	135.9	115.3	95.5	75.4	59.3	44.6	34.5	33.3
-18.75°	185.1	161.9	140.6	120.7	101.7	82.4	64.9	50.7	36.3	33.9	32.6
-20°	163.2	143.2	124.2	105.9	87.5	69.1	55.5	41.6	34.4	33.1	31.9
-21.25°	143.2	125.3	107.9	90.5	72.7	58.9	45.7	34.8	33.6	32.4	31.5





REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	124.2	107.9	91.6	74.7	61.0	48.4	35.5	33.9	32.8	31.7	30.9
-23.75°	105.9	90.5	74.7	61.7	49.7	37.5	34.1	33.0	31.9	31.2	30.4
-25°	87.5	72.7	61.0	49.7	38.1	34.2	33.2	32.1	31.4	30.6	30.0
-26.25°	69.1	58.9	48.4	37.5	34.2	33.3	32.2	31.5	30.8	30.1	30.0
-27.5°	55.5	45.7	35.5	34.1	33.2	32.2	31.5	30.8	30.2	30.0	30.0
-28.75°	41.6	34.8	33.9	33.0	32.1	31.5	30.8	30.2	30.0	30.0	30.0
-30°	34.4	33.6	32.8	31.9	31.4	30.8	30.2	30.0	30.0	30.0	29.8
-31.25°	33.1	32.4	31.7	31.2	30.6	30.1	30.0	30.0	30.0	29.8	29.5
-32.5°	31.9	31.5	30.9	30.4	30.0	30.0	30.0	30.0	29.8	29.5	29.1
-33.75°	31.1	30.6	30.2	30.0	30.0	30.0	30.0	29.7	29.4	29.1	28.6
-35°	30.3	30.0	30.0	30.0	30.0	29.9	29.6	29.4	29.1	28.6	28.0
-36.25°	30.0	30.0	30.0	30.0	29.8	29.5	29.3	29.0	28.4	27.9	27.3
-37.5°	30.0	30.0	29.9	29.6	29.4	29.1	28.8	28.3	27.7	27.2	26.6
-38.75°	29.9	29.6	29.4	29.2	29.0	28.5	28.0	27.5	27.0	26.5	25.9
-40°	29.4	29.2	29.0	28.6	28.2	27.7	27.2	26.8	26.2	25.7	25.2
-41.25°	29.0	28.6	28.2	27.8	27.4	26.9	26.5	26.0	25.5	25.0	24.7
-42.5°	28.1	27.7	27.3	27.0	26.5	26.1	25.7	25.2	24.9	24.6	24.4
-43.75°	27.2	26.9	26.5	26.1	25.7	25.3	24.9	24.7	24.5	24.3	24.0
-45°	26.3	26.0	25.6	25.3	24.9	24.7	24.5	24.3	24.1	23.9	23.6
-46.25°	25.4	25.1	24.9	24.7	24.5	24.3	24.1	23.9	23.7	23.5	23.3
-47.5°	24.8	24.6	24.4	24.3	24.1	23.9	23.7	23.5	23.3	23.1	22.9
-48.75°	24.3	24.2	24.0	23.8	23.7	23.5	23.3	23.1	22.9	22.7	22.5
-50°	23.9	23.7	23.6	23.4	23.3	23.1	22.9	22.7	22.5	22.3	22.1
-51.25°	23.4	23.3	23.1	23.0	22.8	22.7	22.5	22.3	22.1	21.9	21.7
-52.5°	23.0	22.8	22.7	22.5	22.4	22.2	22.1	21.9	21.7	21.5	21.4
-53.75°	22.5	22.4	22.2	22.1	22.0	21.8	21.7	21.5	21.3	21.1	20.9
-55°	22.0	21.9	21.8	21.7	21.5	21.4	21.2	21.1	20.8	20.5	20.1
-56.25°	21.6	21.5	21.4	21.2	21.1	20.9	20.6	20.3	20.0	19.7	19.4
-57.5°	21.1	21.0	20.8	20.6	20.3	20.0	19.8	19.5	19.2	18.9	18.6
-58.75°	20.3	20.1	19.9	19.7	19.4	19.2	18.9	18.6	18.4	18.1	17.8
-60°	19.4	19.2	19.0	18.8	18.6	18.3	18.1	17.8	17.5	17.2	16.9
-61.25°	18.5	18.3	18.1	17.9	17.7	17.4	17.2	16.9	16.5	16.1	15.7
-62.5°	17.6	17.4	17.2	17.0	16.7	16.4	16.0	15.7	15.3	14.9	14.5
-63.75°	16.5	16.2	15.9	15.7	15.4	15.0	14.7	14.4	14.0	13.9	13.8
-65°	15.1	14.8	14.6	14.3	14.0	13.9	13.8	13.7	13.6	13.5	13.4
-66.25°	13.9	13.8	13.7	13.7	13.6	13.5	13.4	13.3	13.2	13.1	12.9
-67.5°	13.4	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.5
-68.75°	13.0	12.9	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.2	12.1
-70°	12.5	12.4	12.4	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7
-71.25°	12.0	12.0	11.9	11.8	11.8	11.7	11.6	11.5	11.5	11.4	11.3
-72.5°	11.6	11.5	11.5	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.8
-73.75°	11.1	11.0	11.0	10.9	10.8	10.6	10.5	10.4	10.2	10.1	9.9
-75°	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.4	9.2	9.1
-76.25°	9.3	9.2	9.1	9.1	9.0	8.8	8.7	8.6	8.5	8.4	8.3
-77.5°	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.6	7.5	7.4



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	7.5	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6
-80°	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7
-81.25°	5.6	5.5	5.5	5.4	5.3	5.3	5.2	5.1	5.1	5.0	4.9
-82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
-83.75°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
-85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
-86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
83.75°	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
82.5°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8
80°	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5
78.75°	6.5	6.4	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2
77.5°	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.3	6.2	6.0	5.9
76.25°	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.7	6.6
75°	8.9	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.2
73.75°	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9
72.5°	10.6	10.4	10.2	10.0	9.9	9.7	9.5	9.2	9.0	8.8	8.6
71.25°	11.2	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.7	9.5	9.3
70°	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.7	10.4	10.2	9.9
68.75°	12.0	11.9	11.8	11.7	11.6	11.4	11.3	11.2	11.1	10.9	10.6
67.5°	12.4	12.3	12.2	12.1	11.9	11.8	11.7	11.6	11.4	11.3	11.1
66.25°	12.8	12.7	12.6	12.5	12.3	12.2	12.1	11.9	11.8	11.6	11.5
65°	13.2	13.1	13.0	12.8	12.7	12.6	12.4	12.3	12.1	12.0	11.8
63.75°	13.6	13.5	13.4	13.2	13.1	12.9	12.8	12.6	12.5	12.3	12.1
62.5°	14.1	13.9	13.7	13.6	13.4	13.3	13.1	13.0	12.8	12.6	12.4
61.25°	15.3	14.8	14.4	14.0	13.8	13.6	13.5	13.3	13.1	13.0	12.8
60°	16.5	16.0	15.5	15.0	14.5	14.0	13.8	13.7	13.5	13.3	13.1
58.75°	17.4	17.1	16.7	16.2	15.6	15.1	14.5	14.0	13.8	13.6	13.4
57.5°	18.2	17.9	17.5	17.2	16.7	16.2	15.6	15.0	14.4	13.9	13.7
56.25°	19.0	18.7	18.3	17.9	17.5	17.2	16.6	16.0	15.4	14.8	14.1
55°	19.8	19.4	19.0	18.7	18.3	17.9	17.4	17.0	16.4	15.7	15.0
53.75°	20.6	20.2	19.8	19.4	19.0	18.5	18.1	17.7	17.2	16.7	16.0
52.5°	21.2	20.9	20.5	20.1	19.7	19.2	18.8	18.3	17.9	17.4	16.9
51.25°	21.5	21.3	21.1	20.8	20.4	19.9	19.5	19.0	18.5	18.0	17.5
50°	21.9	21.7	21.5	21.3	21.0	20.6	20.1	19.6	19.1	18.6	18.1
48.75°	22.3	22.1	21.8	21.6	21.4	21.1	20.8	20.3	19.8	19.2	18.7
47.5°	22.7	22.4	22.2	22.0	21.7	21.5	21.2	20.9	20.4	19.8	19.3
46.25°	23.0	22.8	22.6	22.3	22.1	21.8	21.5	21.3	21.0	20.4	19.9
45°	23.4	23.2	22.9	22.6	22.4	22.1	21.8	21.6	21.3	21.0	20.4
43.75°	23.8	23.5	23.3	23.0	22.7	22.4	22.2	21.9	21.6	21.3	21.0
42.5°	24.1	23.9	23.6	23.3	23.0	22.8	22.5	22.2	21.9	21.6	21.3
41.25°	24.5	24.2	23.9	23.6	23.4	23.1	22.8	22.5	22.2	21.8	21.5
40°	24.8	24.5	24.3	24.0	23.7	23.4	23.1	22.8	22.4	22.1	21.8
38.75°	25.3	24.9	24.6	24.3	24.0	23.7	23.4	23.0	22.7	22.4	22.1
37.5°	26.0	25.4	24.9	24.6	24.3	24.0	23.6	23.3	23.0	22.6	22.3
36.25°	26.7	26.1	25.5	24.9	24.6	24.3	23.9	23.6	23.3	22.9	22.6
35°	27.3	26.7	26.1	25.4	24.9	24.5	24.2	23.9	23.5	23.2	22.8



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDRCR-W-WT-LC1-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°	28.0	27.3	26.7	26.0	25.3	24.8	24.5	24.1	23.8	23.4	23.0
32.5°	28.6	28.0	27.3	26.6	25.9	25.2	24.7	24.4	24.0	23.6	23.3
31.25°	29.1	28.6	27.9	27.2	26.5	25.7	25.0	24.6	24.3	23.9	23.5
30°	29.4	29.1	28.4	27.7	27.0	26.2	25.5	24.9	24.5	24.1	23.7
28.75°	29.7	29.4	29.0	28.3	27.5	26.8	26.0	25.2	24.7	24.3	23.9
27.5°	30.0	29.6	29.3	28.8	28.0	27.2	26.5	25.7	24.9	24.5	24.1
26.25°	30.0	29.9	29.5	29.1	28.5	27.7	26.9	26.1	25.3	24.7	24.3
25°	30.0	30.0	29.8	29.4	29.0	28.2	27.4	26.5	25.7	24.9	24.5
23.75°	30.0	30.0	30.0	29.6	29.2	28.6	27.8	27.0	26.1	25.3	24.7
22.5°	30.2	30.0	30.0	29.9	29.4	29.0	28.2	27.3	26.5	25.6	24.9
21.25°	30.6	30.0	30.0	30.0	29.6	29.2	28.6	27.7	26.9	26.0	25.1
20°	31.1	30.3	30.0	30.0	29.9	29.4	29.0	28.1	27.2	26.3	25.4
18.75°	31.6	30.7	30.0	30.0	30.0	29.6	29.2	28.4	27.5	26.6	25.7
17.5°	32.0	31.1	30.2	30.0	30.0	29.8	29.3	28.7	27.8	26.9	26.0
16.25°	32.6	31.5	30.6	30.0	30.0	29.9	29.5	29.0	28.1	27.2	26.3
15°	33.1	31.8	30.9	30.0	30.0	30.0	29.6	29.2	28.4	27.5	26.5
13.75°	33.6	32.3	31.3	30.3	30.0	30.0	29.8	29.3	28.6	27.7	26.8
12.5°	34.1	32.7	31.5	30.6	30.0	30.0	29.9	29.4	28.9	27.9	27.0
11.25°	34.6	33.1	31.8	30.9	30.0	30.0	30.0	29.5	29.0	28.1	27.2
10°	35.0	33.5	32.1	31.1	30.1	30.0	30.0	29.6	29.1	28.3	27.3
8.75°	38.7	33.9	32.4	31.3	30.3	30.0	30.0	29.7	29.2	28.5	27.5
7.5°	42.3	34.2	32.7	31.5	30.5	30.0	30.0	29.8	29.3	28.6	27.6
6.25°	45.4	34.4	32.9	31.6	30.7	30.0	30.0	29.9	29.4	28.7	27.7
5°	48.0	34.6	33.1	31.8	30.8	30.0	30.0	29.9	29.4	28.8	27.8
3.75°	49.9	34.8	33.3	31.9	30.9	30.0	30.0	29.9	29.4	28.9	27.9
2.5°	51.4	34.9	33.4	31.9	30.9	30.0	30.0	30.0	29.5	29.0	28.0
1.25°	52.2	35.0	33.5	32.0	31.0	30.0	30.0	30.0	29.5	29.0	28.0
0°	52.5	35.0	33.5	32.0	31.0	30.0	30.0	30.0	29.5	29.0	28.0
-1.25°	52.2	35.0	33.5	32.0	31.0	30.0	30.0	30.0	29.5	29.0	28.0
-2.5°	51.4	34.9	33.4	31.9	30.9	30.0	30.0	30.0	29.5	29.0	28.0
-3.75°	49.9	34.8	33.3	31.9	30.9	30.0	30.0	29.9	29.4	28.9	27.9
-5°	48.0	34.6	33.1	31.8	30.8	30.0	30.0	29.9	29.4	28.8	27.8
-6.25°	45.4	34.4	32.9	31.6	30.7	30.0	30.0	29.9	29.4	28.7	27.7
-7.5°	42.3	34.2	32.7	31.5	30.5	30.0	30.0	29.8	29.3	28.6	27.6
-8.75°	38.7	33.9	32.4	31.3	30.3	30.0	30.0	29.7	29.2	28.5	27.5
-10°	35.0	33.5	32.1	31.1	30.1	30.0	30.0	29.6	29.1	28.3	27.3
-11.25°	34.6	33.1	31.8	30.9	30.0	30.0	30.0	29.5	29.0	28.1	27.2
-12.5°	34.1	32.7	31.5	30.6	30.0	30.0	29.9	29.4	28.9	27.9	27.0
-13.75°	33.6	32.3	31.3	30.3	30.0	30.0	29.8	29.3	28.6	27.7	26.8
-15°	33.1	31.8	30.9	30.0	30.0	30.0	29.6	29.2	28.4	27.5	26.5
-16.25°	32.6	31.5	30.6	30.0	30.0	29.9	29.5	29.0	28.1	27.2	26.3
-17.5°	32.0	31.1	30.2	30.0	30.0	29.8	29.3	28.7	27.8	26.9	26.0
-18.75°	31.6	30.7	30.0	30.0	30.0	29.6	29.2	28.4	27.5	26.6	25.7
-20°	31.1	30.3	30.0	30.0	29.9	29.4	29.0	28.1	27.2	26.3	25.4
-21.25°	30.6	30.0	30.0	30.0	29.6	29.2	28.6	27.7	26.9	26.0	25.1



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	30.2	30.0	30.0	29.9	29.4	29.0	28.2	27.3	26.5	25.6	24.9
-23.75°	30.0	30.0	30.0	29.6	29.2	28.6	27.8	27.0	26.1	25.3	24.7
-25°	30.0	30.0	29.8	29.4	29.0	28.2	27.4	26.5	25.7	24.9	24.5
-26.25°	30.0	29.9	29.5	29.1	28.5	27.7	26.9	26.1	25.3	24.7	24.3
-27.5°	30.0	29.6	29.3	28.8	28.0	27.2	26.5	25.7	24.9	24.5	24.1
-28.75°	29.7	29.4	29.0	28.3	27.5	26.8	26.0	25.2	24.7	24.3	23.9
-30°	29.4	29.1	28.4	27.7	27.0	26.2	25.5	24.9	24.5	24.1	23.7
-31.25°	29.1	28.6	27.9	27.2	26.5	25.7	25.0	24.6	24.3	23.9	23.5
-32.5°	28.6	28.0	27.3	26.6	25.9	25.2	24.7	24.4	24.0	23.6	23.3
-33.75°	28.0	27.3	26.7	26.0	25.3	24.8	24.5	24.1	23.8	23.4	23.0
-35°	27.3	26.7	26.1	25.4	24.9	24.5	24.2	23.9	23.5	23.2	22.8
-36.25°	26.7	26.1	25.5	24.9	24.6	24.3	23.9	23.6	23.3	22.9	22.6
-37.5°	26.0	25.4	24.9	24.6	24.3	24.0	23.6	23.3	23.0	22.6	22.3
-38.75°	25.3	24.9	24.6	24.3	24.0	23.7	23.4	23.0	22.7	22.4	22.1
-40°	24.8	24.5	24.3	24.0	23.7	23.4	23.1	22.8	22.4	22.1	21.8
-41.25°	24.5	24.2	23.9	23.6	23.4	23.1	22.8	22.5	22.2	21.8	21.5
-42.5°	24.1	23.9	23.6	23.3	23.0	22.8	22.5	22.2	21.9	21.6	21.3
-43.75°	23.8	23.5	23.3	23.0	22.7	22.4	22.2	21.9	21.6	21.3	21.0
-45°	23.4	23.2	22.9	22.6	22.4	22.1	21.8	21.6	21.3	21.0	20.4
-46.25°	23.0	22.8	22.6	22.3	22.1	21.8	21.5	21.3	21.0	20.4	19.9
-47.5°	22.7	22.4	22.2	22.0	21.7	21.5	21.2	20.9	20.4	19.8	19.3
-48.75°	22.3	22.1	21.8	21.6	21.4	21.1	20.8	20.3	19.8	19.2	18.7
-50°	21.9	21.7	21.5	21.3	21.0	20.6	20.1	19.6	19.1	18.6	18.1
-51.25°	21.5	21.3	21.1	20.8	20.4	19.9	19.5	19.0	18.5	18.0	17.5
-52.5°	21.2	20.9	20.5	20.1	19.7	19.2	18.8	18.3	17.9	17.4	16.9
-53.75°	20.6	20.2	19.8	19.4	19.0	18.5	18.1	17.7	17.2	16.7	16.0
-55°	19.8	19.4	19.0	18.7	18.3	17.9	17.4	17.0	16.4	15.7	15.0
-56.25°	19.0	18.7	18.3	17.9	17.5	17.2	16.6	16.0	15.4	14.8	14.1
-57.5°	18.2	17.9	17.5	17.2	16.7	16.2	15.6	15.0	14.4	13.9	13.7
-58.75°	17.4	17.1	16.7	16.2	15.6	15.1	14.5	14.0	13.8	13.6	13.4
-60°	16.5	16.0	15.5	15.0	14.5	14.0	13.8	13.7	13.5	13.3	13.1
-61.25°	15.3	14.8	14.4	14.0	13.8	13.6	13.5	13.3	13.1	13.0	12.8
-62.5°	14.1	13.9	13.7	13.6	13.4	13.3	13.1	13.0	12.8	12.6	12.4
-63.75°	13.6	13.5	13.4	13.2	13.1	12.9	12.8	12.6	12.5	12.3	12.1
-65°	13.2	13.1	13.0	12.8	12.7	12.6	12.4	12.3	12.1	12.0	11.8
-66.25°	12.8	12.7	12.6	12.5	12.3	12.2	12.1	11.9	11.8	11.6	11.5
-67.5°	12.4	12.3	12.2	12.1	11.9	11.8	11.7	11.6	11.4	11.3	11.1
-68.75°	12.0	11.9	11.8	11.7	11.6	11.4	11.3	11.2	11.1	10.9	10.6
-70°	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.7	10.4	10.2	9.9
-71.25°	11.2	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.7	9.5	9.3
-72.5°	10.6	10.4	10.2	10.0	9.9	9.7	9.5	9.2	9.0	8.8	8.6
-73.75°	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9
-75°	8.9	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.2
-76.25°	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.7	6.6
-77.5°	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.3	6.2	6.0	5.9



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	6.5	6.4	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2
-80°	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5
-81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8
-82.5°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-83.75°	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
-85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
-86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
81.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5
80°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
78.75°	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
77.5°	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.0
76.25°	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5
75°	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6	5.4	5.2	4.9
73.75°	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.2	5.9	5.7	5.4
72.5°	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.2	5.9
71.25°	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.7	6.4
70°	9.7	9.4	9.2	8.9	8.6	8.3	8.1	7.8	7.5	7.2	6.9
68.75°	10.3	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.4
67.5°	11.0	10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.5	8.2	7.8
66.25°	11.3	11.2	11.0	10.7	10.4	10.0	9.7	9.3	9.0	8.6	8.3
65°	11.6	11.5	11.3	11.1	10.9	10.6	10.2	9.9	9.5	9.1	8.8
63.75°	12.0	11.8	11.6	11.4	11.2	11.1	10.8	10.4	10.0	9.6	9.2
62.5°	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.5	10.1	9.7
61.25°	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.6	10.1
60°	12.9	12.7	12.5	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.6
58.75°	13.2	13.0	12.8	12.6	12.4	12.1	11.9	11.7	11.5	11.2	11.0
57.5°	13.5	13.3	13.1	12.9	12.6	12.4	12.2	11.9	11.7	11.5	11.2
56.25°	13.8	13.6	13.4	13.1	12.9	12.7	12.4	12.2	11.9	11.7	11.5
55°	14.4	13.9	13.7	13.4	13.2	12.9	12.7	12.4	12.2	11.9	11.7
53.75°	15.3	14.5	13.9	13.7	13.4	13.2	12.9	12.7	12.4	12.1	11.9
52.5°	16.1	15.4	14.6	14.0	13.7	13.4	13.2	12.9	12.6	12.4	12.1
51.25°	17.0	16.2	15.5	14.7	14.0	13.7	13.4	13.1	12.9	12.6	12.3
50°	17.6	17.1	16.3	15.5	14.6	13.9	13.7	13.4	13.1	12.8	12.5
48.75°	18.2	17.6	17.1	16.2	15.4	14.5	13.9	13.6	13.3	13.0	12.7
47.5°	18.7	18.2	17.6	17.0	16.1	15.3	14.4	13.8	13.5	13.2	12.9
46.25°	19.3	18.7	18.1	17.5	16.9	16.0	15.0	14.1	13.7	13.4	13.1
45°	19.8	19.2	18.6	18.0	17.4	16.7	15.7	14.8	13.9	13.6	13.3
43.75°	20.4	19.8	19.1	18.5	17.9	17.2	16.4	15.4	14.4	13.8	13.5
42.5°	20.9	20.3	19.6	19.0	18.3	17.7	17.0	16.0	15.0	14.0	13.7
41.25°	21.2	20.8	20.1	19.5	18.8	18.1	17.4	16.6	15.6	14.5	13.8
40°	21.5	21.1	20.6	19.9	19.2	18.5	17.9	17.2	16.2	15.1	14.0
38.75°	21.7	21.4	21.0	20.4	19.7	19.0	18.3	17.5	16.7	15.6	14.5
37.5°	22.0	21.6	21.3	20.8	20.1	19.4	18.7	17.9	17.2	16.2	15.0
36.25°	22.2	21.8	21.5	21.1	20.5	19.8	19.0	18.3	17.5	16.7	15.5
35°	22.4	22.1	21.7	21.3	20.9	20.2	19.4	18.7	17.9	17.1	16.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	22.7	22.3	21.9	21.5	21.2	20.6	19.8	19.0	18.2	17.4	16.5
32.5°	22.9	22.5	22.1	21.7	21.4	20.9	20.1	19.4	18.6	17.8	16.9
31.25°	23.1	22.7	22.3	21.9	21.5	21.1	20.5	19.7	18.9	18.1	17.2
30°	23.3	22.9	22.5	22.1	21.7	21.3	20.8	20.0	19.2	18.4	17.5
28.75°	23.5	23.1	22.7	22.3	21.9	21.5	21.1	20.3	19.5	18.6	17.8
27.5°	23.7	23.3	22.9	22.5	22.1	21.7	21.2	20.6	19.8	18.9	18.1
26.25°	23.9	23.5	23.1	22.7	22.2	21.8	21.4	20.9	20.0	19.2	18.3
25°	24.1	23.7	23.3	22.8	22.4	22.0	21.5	21.1	20.3	19.4	18.6
23.75°	24.3	23.8	23.4	23.0	22.5	22.1	21.7	21.2	20.6	19.7	18.8
22.5°	24.4	24.0	23.6	23.1	22.7	22.2	21.8	21.4	20.8	19.9	19.0
21.25°	24.6	24.2	23.7	23.3	22.8	22.4	21.9	21.5	21.0	20.1	19.2
20°	24.8	24.3	23.9	23.4	23.0	22.5	22.0	21.6	21.1	20.3	19.4
18.75°	24.9	24.5	24.0	23.5	23.1	22.6	22.2	21.7	21.2	20.5	19.6
17.5°	25.1	24.6	24.1	23.7	23.2	22.7	22.3	21.8	21.3	20.7	19.8
16.25°	25.3	24.7	24.2	23.8	23.3	22.8	22.4	21.9	21.4	20.9	19.9
15°	25.6	24.8	24.4	23.9	23.4	22.9	22.5	22.0	21.5	21.0	20.1
13.75°	25.8	24.9	24.5	24.0	23.5	23.0	22.5	22.1	21.6	21.1	20.2
12.5°	26.0	25.1	24.5	24.1	23.6	23.1	22.6	22.1	21.7	21.2	20.4
11.25°	26.2	25.2	24.6	24.1	23.7	23.2	22.7	22.2	21.7	21.2	20.5
10°	26.4	25.4	24.7	24.2	23.7	23.2	22.8	22.3	21.8	21.3	20.6
8.75°	26.5	25.5	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.7
7.5°	26.6	25.7	24.8	24.3	23.8	23.4	22.9	22.4	21.9	21.4	20.8
6.25°	26.8	25.8	24.9	24.4	23.9	23.4	22.9	22.4	21.9	21.4	20.8
5°	26.8	25.8	24.9	24.4	23.9	23.4	22.9	22.4	21.9	21.4	20.9
3.75°	26.9	25.9	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	20.9
2.5°	27.0	26.0	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	21.0
1.25°	27.0	26.0	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	21.0
0°	27.0	26.0	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	21.0
-1.25°	27.0	26.0	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	21.0
-2.5°	27.0	26.0	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	21.0
-3.75°	26.9	25.9	25.0	24.5	24.0	23.5	23.0	22.5	22.0	21.5	20.9
-5°	26.8	25.8	24.9	24.4	23.9	23.4	22.9	22.4	21.9	21.4	20.9
-6.25°	26.8	25.8	24.9	24.4	23.9	23.4	22.9	22.4	21.9	21.4	20.8
-7.5°	26.6	25.7	24.8	24.3	23.8	23.4	22.9	22.4	21.9	21.4	20.8
-8.75°	26.5	25.5	24.8	24.3	23.8	23.3	22.8	22.3	21.8	21.3	20.7
-10°	26.4	25.4	24.7	24.2	23.7	23.2	22.8	22.3	21.8	21.3	20.6
-11.25°	26.2	25.2	24.6	24.1	23.7	23.2	22.7	22.2	21.7	21.2	20.5
-12.5°	26.0	25.1	24.5	24.1	23.6	23.1	22.6	22.1	21.7	21.2	20.4
-13.75°	25.8	24.9	24.5	24.0	23.5	23.0	22.5	22.1	21.6	21.1	20.2
-15°	25.6	24.8	24.4	23.9	23.4	22.9	22.5	22.0	21.5	21.0	20.1
-16.25°	25.3	24.7	24.2	23.8	23.3	22.8	22.4	21.9	21.4	20.9	19.9
-17.5°	25.1	24.6	24.1	23.7	23.2	22.7	22.3	21.8	21.3	20.7	19.8
-18.75°	24.9	24.5	24.0	23.5	23.1	22.6	22.2	21.7	21.2	20.5	19.6
-20°	24.8	24.3	23.9	23.4	23.0	22.5	22.0	21.6	21.1	20.3	19.4
-21.25°	24.6	24.2	23.7	23.3	22.8	22.4	21.9	21.5	21.0	20.1	19.2





REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	24.4	24.0	23.6	23.1	22.7	22.2	21.8	21.4	20.8	19.9	19.0
-23.75°	24.3	23.8	23.4	23.0	22.5	22.1	21.7	21.2	20.6	19.7	18.8
-25°	24.1	23.7	23.3	22.8	22.4	22.0	21.5	21.1	20.3	19.4	18.6
-26.25°	23.9	23.5	23.1	22.7	22.2	21.8	21.4	20.9	20.0	19.2	18.3
-27.5°	23.7	23.3	22.9	22.5	22.1	21.7	21.2	20.6	19.8	18.9	18.1
-28.75°	23.5	23.1	22.7	22.3	21.9	21.5	21.1	20.3	19.5	18.6	17.8
-30°	23.3	22.9	22.5	22.1	21.7	21.3	20.8	20.0	19.2	18.4	17.5
-31.25°	23.1	22.7	22.3	21.9	21.5	21.1	20.5	19.7	18.9	18.1	17.2
-32.5°	22.9	22.5	22.1	21.7	21.4	20.9	20.1	19.4	18.6	17.8	16.9
-33.75°	22.7	22.3	21.9	21.5	21.2	20.6	19.8	19.0	18.2	17.4	16.5
-35°	22.4	22.1	21.7	21.3	20.9	20.2	19.4	18.7	17.9	17.1	16.0
-36.25°	22.2	21.8	21.5	21.1	20.5	19.8	19.0	18.3	17.5	16.7	15.5
-37.5°	22.0	21.6	21.3	20.8	20.1	19.4	18.7	17.9	17.2	16.2	15.0
-38.75°	21.7	21.4	21.0	20.4	19.7	19.0	18.3	17.5	16.7	15.6	14.5
-40°	21.5	21.1	20.6	19.9	19.2	18.5	17.9	17.2	16.2	15.1	14.0
-41.25°	21.2	20.8	20.1	19.5	18.8	18.1	17.4	16.6	15.6	14.5	13.8
-42.5°	20.9	20.3	19.6	19.0	18.3	17.7	17.0	16.0	15.0	14.0	13.7
-43.75°	20.4	19.8	19.1	18.5	17.9	17.2	16.4	15.4	14.4	13.8	13.5
-45°	19.8	19.2	18.6	18.0	17.4	16.7	15.7	14.8	13.9	13.6	13.3
-46.25°	19.3	18.7	18.1	17.5	16.9	16.0	15.0	14.1	13.7	13.4	13.1
-47.5°	18.7	18.2	17.6	17.0	16.1	15.3	14.4	13.8	13.5	13.2	12.9
-48.75°	18.2	17.6	17.1	16.2	15.4	14.5	13.9	13.6	13.3	13.0	12.7
-50°	17.6	17.1	16.3	15.5	14.6	13.9	13.7	13.4	13.1	12.8	12.5
-51.25°	17.0	16.2	15.5	14.7	14.0	13.7	13.4	13.1	12.9	12.6	12.3
-52.5°	16.1	15.4	14.6	14.0	13.7	13.4	13.2	12.9	12.6	12.4	12.1
-53.75°	15.3	14.5	13.9	13.7	13.4	13.2	12.9	12.7	12.4	12.1	11.9
-55°	14.4	13.9	13.7	13.4	13.2	12.9	12.7	12.4	12.2	11.9	11.7
-56.25°	13.8	13.6	13.4	13.1	12.9	12.7	12.4	12.2	11.9	11.7	11.5
-57.5°	13.5	13.3	13.1	12.9	12.6	12.4	12.2	11.9	11.7	11.5	11.2
-58.75°	13.2	13.0	12.8	12.6	12.4	12.1	11.9	11.7	11.5	11.2	11.0
-60°	12.9	12.7	12.5	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.6
-61.25°	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.2	11.0	10.6	10.1
-62.5°	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.5	10.1	9.7
-63.75°	12.0	11.8	11.6	11.4	11.2	11.1	10.8	10.4	10.0	9.6	9.2
-65°	11.6	11.5	11.3	11.1	10.9	10.6	10.2	9.9	9.5	9.1	8.8
-66.25°	11.3	11.2	11.0	10.7	10.4	10.0	9.7	9.3	9.0	8.6	8.3
-67.5°	11.0	10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.5	8.2	7.8
-68.75°	10.3	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.4
-70°	9.7	9.4	9.2	8.9	8.6	8.3	8.1	7.8	7.5	7.2	6.9
-71.25°	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.7	6.4
-72.5°	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.2	5.9
-73.75°	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.2	5.9	5.7	5.4
-75°	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6	5.4	5.2	4.9
-76.25°	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5
-77.5°	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
-80°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
-81.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5
-82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
-85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
-86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
78.75°	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
77.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8
76.25°	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1
75°	4.7	4.5	4.3	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.3
73.75°	5.2	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6
72.5°	5.7	5.4	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
71.25°	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.0	3.7	3.4	3.1
70°	6.6	6.3	6.0	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.4
68.75°	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.4	4.0	3.7
67.5°	7.5	7.1	6.8	6.4	6.1	5.7	5.4	5.0	4.7	4.3	3.9
66.25°	7.9	7.6	7.2	6.8	6.5	6.1	5.7	5.3	5.0	4.6	4.2
65°	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4
63.75°	8.8	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.5	5.1	4.7
62.5°	9.3	8.8	8.4	8.0	7.6	7.1	6.7	6.3	5.8	5.4	4.9
61.25°	9.7	9.3	8.8	8.4	7.9	7.5	7.0	6.6	6.1	5.7	5.2
60°	10.1	9.7	9.2	8.8	8.3	7.8	7.4	6.9	6.4	5.9	5.4
58.75°	10.6	10.1	9.6	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7
57.5°	11.0	10.5	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.4	5.9
56.25°	11.2	10.9	10.4	9.9	9.3	8.8	8.3	7.8	7.2	6.7	6.2
55°	11.4	11.1	10.8	10.2	9.7	9.1	8.6	8.1	7.5	6.9	6.4
53.75°	11.6	11.3	11.1	10.6	10.0	9.5	8.9	8.3	7.8	7.2	6.6
52.5°	11.8	11.5	11.2	10.9	10.4	9.8	9.2	8.6	8.0	7.4	6.8
51.25°	12.0	11.7	11.4	11.1	10.7	10.1	9.5	8.9	8.3	7.7	7.1
50°	12.2	11.9	11.6	11.3	11.0	10.4	9.8	9.2	8.5	7.9	7.3
48.75°	12.4	12.1	11.8	11.5	11.2	10.7	10.1	9.4	8.8	8.1	7.5
47.5°	12.6	12.3	12.0	11.6	11.3	11.0	10.3	9.7	9.0	8.4	7.7
46.25°	12.8	12.4	12.1	11.8	11.5	11.1	10.6	9.9	9.3	8.6	7.9
45°	13.0	12.6	12.3	12.0	11.6	11.3	10.9	10.2	9.5	8.8	8.1
43.75°	13.1	12.8	12.5	12.1	11.8	11.4	11.1	10.4	9.7	9.0	8.3
42.5°	13.3	13.0	12.6	12.3	11.9	11.6	11.2	10.7	10.0	9.2	8.5
41.25°	13.5	13.1	12.8	12.4	12.1	11.7	11.3	10.9	10.2	9.5	8.7
40°	13.6	13.3	12.9	12.6	12.2	11.8	11.4	11.1	10.4	9.7	8.9
38.75°	13.8	13.4	13.1	12.7	12.3	11.9	11.6	11.2	10.6	9.9	9.1
37.5°	14.0	13.6	13.2	12.8	12.5	12.1	11.7	11.3	10.8	10.0	9.3
36.25°	14.4	13.7	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.2	9.4
35°	14.8	13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.1	10.4	9.6



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	15.3	14.1	13.6	13.2	12.8	12.4	12.0	11.6	11.2	10.6	9.8
32.5°	15.7	14.5	13.8	13.4	12.9	12.5	12.1	11.7	11.3	10.8	9.9
31.25°	16.1	14.9	13.9	13.5	13.1	12.6	12.2	11.8	11.4	10.9	10.1
30°	16.5	15.3	14.0	13.6	13.2	12.7	12.3	11.9	11.5	11.0	10.2
28.75°	16.9	15.7	14.4	13.7	13.3	12.8	12.4	12.0	11.5	11.1	10.4
27.5°	17.2	16.0	14.7	13.8	13.4	12.9	12.5	12.1	11.6	11.2	10.5
26.25°	17.4	16.4	15.0	13.9	13.5	13.0	12.6	12.1	11.7	11.3	10.6
25°	17.7	16.7	15.4	14.0	13.6	13.1	12.7	12.2	11.8	11.3	10.8
23.75°	17.9	17.0	15.7	14.3	13.7	13.2	12.7	12.3	11.8	11.4	10.9
22.5°	18.1	17.2	15.9	14.6	13.7	13.3	12.8	12.4	11.9	11.5	11.0
21.25°	18.3	17.4	16.2	14.8	13.8	13.4	12.9	12.4	12.0	11.5	11.0
20°	18.5	17.6	16.5	15.1	13.9	13.4	13.0	12.5	12.0	11.6	11.1
18.75°	18.7	17.7	16.7	15.3	14.0	13.5	13.0	12.6	12.1	11.6	11.1
17.5°	18.8	17.9	16.9	15.5	14.1	13.6	13.1	12.6	12.1	11.7	11.2
16.25°	19.0	18.1	17.1	15.7	14.3	13.6	13.1	12.7	12.2	11.7	11.2
15°	19.1	18.2	17.2	15.9	14.5	13.7	13.2	12.7	12.2	11.8	11.3
13.75°	19.3	18.3	17.4	16.1	14.6	13.7	13.2	12.8	12.3	11.8	11.3
12.5°	19.4	18.4	17.5	16.2	14.8	13.8	13.3	12.8	12.3	11.8	11.3
11.25°	19.5	18.5	17.6	16.4	14.9	13.8	13.3	12.8	12.4	11.9	11.4
10°	19.6	18.6	17.7	16.5	15.0	13.9	13.4	12.9	12.4	11.9	11.4
8.75°	19.7	18.7	17.7	16.6	15.1	13.9	13.4	12.9	12.4	11.9	11.4
7.5°	19.8	18.8	17.8	16.7	15.2	13.9	13.4	12.9	12.4	11.9	11.4
6.25°	19.9	18.9	17.9	16.8	15.3	13.9	13.4	13.0	12.5	12.0	11.5
5°	19.9	18.9	17.9	16.9	15.4	14.0	13.5	13.0	12.5	12.0	11.5
3.75°	19.9	18.9	18.0	16.9	15.4	14.0	13.5	13.0	12.5	12.0	11.5
2.5°	20.0	19.0	18.0	17.0	15.5	14.0	13.5	13.0	12.5	12.0	11.5
1.25°	20.0	19.0	18.0	17.0	15.5	14.0	13.5	13.0	12.5	12.0	11.5
0°	20.0	19.0	18.0	17.0	15.5	14.0	13.5	13.0	12.5	12.0	11.5
-1.25°	20.0	19.0	18.0	17.0	15.5	14.0	13.5	13.0	12.5	12.0	11.5
-2.5°	20.0	19.0	18.0	17.0	15.5	14.0	13.5	13.0	12.5	12.0	11.5
-3.75°	19.9	18.9	18.0	16.9	15.4	14.0	13.5	13.0	12.5	12.0	11.5
-5°	19.9	18.9	17.9	16.9	15.4	14.0	13.5	13.0	12.5	12.0	11.5
-6.25°	19.9	18.9	17.9	16.8	15.3	13.9	13.4	13.0	12.5	12.0	11.5
-7.5°	19.8	18.8	17.8	16.7	15.2	13.9	13.4	12.9	12.4	11.9	11.4
-8.75°	19.7	18.7	17.7	16.6	15.1	13.9	13.4	12.9	12.4	11.9	11.4
-10°	19.6	18.6	17.7	16.5	15.0	13.9	13.4	12.9	12.4	11.9	11.4
-11.25°	19.5	18.5	17.6	16.4	14.9	13.8	13.3	12.8	12.4	11.9	11.4
-12.5°	19.4	18.4	17.5	16.2	14.8	13.8	13.3	12.8	12.3	11.8	11.3
-13.75°	19.3	18.3	17.4	16.1	14.6	13.7	13.2	12.8	12.3	11.8	11.3
-15°	19.1	18.2	17.2	15.9	14.5	13.7	13.2	12.7	12.2	11.8	11.3
-16.25°	19.0	18.1	17.1	15.7	14.3	13.6	13.1	12.7	12.2	11.7	11.2
-17.5°	18.8	17.9	16.9	15.5	14.1	13.6	13.1	12.6	12.1	11.7	11.2
-18.75°	18.7	17.7	16.7	15.3	14.0	13.5	13.0	12.6	12.1	11.6	11.1
-20°	18.5	17.6	16.5	15.1	13.9	13.4	13.0	12.5	12.0	11.6	11.1
-21.25°	18.3	17.4	16.2	14.8	13.8	13.4	12.9	12.4	12.0	11.5	11.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	18.1	17.2	15.9	14.6	13.7	13.3	12.8	12.4	11.9	11.5	11.0
-23.75°	17.9	17.0	15.7	14.3	13.7	13.2	12.7	12.3	11.8	11.4	10.9
-25°	17.7	16.7	15.4	14.0	13.6	13.1	12.7	12.2	11.8	11.3	10.8
-26.25°	17.4	16.4	15.0	13.9	13.5	13.0	12.6	12.1	11.7	11.3	10.6
-27.5°	17.2	16.0	14.7	13.8	13.4	12.9	12.5	12.1	11.6	11.2	10.5
-28.75°	16.9	15.7	14.4	13.7	13.3	12.8	12.4	12.0	11.5	11.1	10.4
-30°	16.5	15.3	14.0	13.6	13.2	12.7	12.3	11.9	11.5	11.0	10.2
-31.25°	16.1	14.9	13.9	13.5	13.1	12.6	12.2	11.8	11.4	10.9	10.1
-32.5°	15.7	14.5	13.8	13.4	12.9	12.5	12.1	11.7	11.3	10.8	9.9
-33.75°	15.3	14.1	13.6	13.2	12.8	12.4	12.0	11.6	11.2	10.6	9.8
-35°	14.8	13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.1	10.4	9.6
-36.25°	14.4	13.7	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.2	9.4
-37.5°	14.0	13.6	13.2	12.8	12.5	12.1	11.7	11.3	10.8	10.0	9.3
-38.75°	13.8	13.4	13.1	12.7	12.3	11.9	11.6	11.2	10.6	9.9	9.1
-40°	13.6	13.3	12.9	12.6	12.2	11.8	11.4	11.1	10.4	9.7	8.9
-41.25°	13.5	13.1	12.8	12.4	12.1	11.7	11.3	10.9	10.2	9.5	8.7
-42.5°	13.3	13.0	12.6	12.3	11.9	11.6	11.2	10.7	10.0	9.2	8.5
-43.75°	13.1	12.8	12.5	12.1	11.8	11.4	11.1	10.4	9.7	9.0	8.3
-45°	13.0	12.6	12.3	12.0	11.6	11.3	10.9	10.2	9.5	8.8	8.1
-46.25°	12.8	12.4	12.1	11.8	11.5	11.1	10.6	9.9	9.3	8.6	7.9
-47.5°	12.6	12.3	12.0	11.6	11.3	11.0	10.3	9.7	9.0	8.4	7.7
-48.75°	12.4	12.1	11.8	11.5	11.2	10.7	10.1	9.4	8.8	8.1	7.5
-50°	12.2	11.9	11.6	11.3	11.0	10.4	9.8	9.2	8.5	7.9	7.3
-51.25°	12.0	11.7	11.4	11.1	10.7	10.1	9.5	8.9	8.3	7.7	7.1
-52.5°	11.8	11.5	11.2	10.9	10.4	9.8	9.2	8.6	8.0	7.4	6.8
-53.75°	11.6	11.3	11.1	10.6	10.0	9.5	8.9	8.3	7.8	7.2	6.6
-55°	11.4	11.1	10.8	10.2	9.7	9.1	8.6	8.1	7.5	6.9	6.4
-56.25°	11.2	10.9	10.4	9.9	9.3	8.8	8.3	7.8	7.2	6.7	6.2
-57.5°	11.0	10.5	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.4	5.9
-58.75°	10.6	10.1	9.6	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.7
-60°	10.1	9.7	9.2	8.8	8.3	7.8	7.4	6.9	6.4	5.9	5.4
-61.25°	9.7	9.3	8.8	8.4	7.9	7.5	7.0	6.6	6.1	5.7	5.2
-62.5°	9.3	8.8	8.4	8.0	7.6	7.1	6.7	6.3	5.8	5.4	4.9
-63.75°	8.8	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.5	5.1	4.7
-65°	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4
-66.25°	7.9	7.6	7.2	6.8	6.5	6.1	5.7	5.3	5.0	4.6	4.2
-67.5°	7.5	7.1	6.8	6.4	6.1	5.7	5.4	5.0	4.7	4.3	3.9
-68.75°	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.4	4.0	3.7
-70°	6.6	6.3	6.0	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.4
-71.25°	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.0	3.7	3.4	3.1
-72.5°	5.7	5.4	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
-73.75°	5.2	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6
-75°	4.7	4.5	4.3	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.3
-76.25°	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1
-77.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
-80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
-82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
-83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
86.25°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
85°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
83.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
82.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
81.25°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
80°	1.1	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
78.75°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
77.5°	1.6	1.4	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2
76.25°	1.8	1.6	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
75°	2.1	1.8	1.6	1.3	1.1	0.9	0.8	0.6	0.5	0.4	0.3
73.75°	2.3	2.1	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4	0.3
72.5°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
71.25°	2.8	2.5	2.2	1.9	1.6	1.2	1.0	0.8	0.6	0.5	0.3
70°	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.9	0.7	0.5	0.3
68.75°	3.3	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4
67.5°	3.5	3.2	2.8	2.4	2.0	1.7	1.3	1.0	0.8	0.6	0.4
66.25°	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.6	0.4
65°	4.0	3.6	3.2	2.8	2.4	1.9	1.5	1.1	0.8	0.6	0.4
63.75°	4.3	3.8	3.4	3.0	2.5	2.1	1.6	1.2	0.9	0.7	0.4
62.5°	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9	0.7	0.5
61.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0	0.7	0.5
60°	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.7	0.5
58.75°	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1	0.8	0.5
57.5°	5.4	4.9	4.3	3.8	3.3	2.8	2.2	1.7	1.1	0.8	0.5
56.25°	5.6	5.1	4.5	4.0	3.4	2.9	2.3	1.8	1.2	0.8	0.6
55°	5.8	5.3	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.9	0.6
53.75°	6.0	5.5	4.9	4.3	3.7	3.1	2.5	2.0	1.4	0.9	0.6
52.5°	6.3	5.7	5.1	4.5	3.9	3.3	2.6	2.0	1.4	0.9	0.6
51.25°	6.5	5.8	5.2	4.6	4.0	3.4	2.7	2.1	1.5	0.9	0.6
50°	6.7	6.0	5.4	4.8	4.1	3.5	2.9	2.2	1.6	1.0	0.6
48.75°	6.9	6.2	5.6	4.9	4.3	3.6	2.9	2.3	1.6	1.0	0.7
47.5°	7.1	6.4	5.7	5.1	4.4	3.7	3.0	2.4	1.7	1.0	0.7
46.25°	7.2	6.6	5.9	5.2	4.5	3.8	3.1	2.5	1.8	1.1	0.7
45°	7.4	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.1	0.7
43.75°	7.6	6.9	6.2	5.5	4.8	4.0	3.3	2.6	1.9	1.2	0.7
42.5°	7.8	7.1	6.3	5.6	4.9	4.2	3.4	2.7	1.9	1.2	0.7
41.25°	8.0	7.2	6.5	5.7	5.0	4.3	3.5	2.8	2.0	1.3	0.8
40°	8.1	7.4	6.6	5.9	5.1	4.4	3.6	2.8	2.1	1.3	0.8
38.75°	8.3	7.5	6.8	6.0	5.2	4.5	3.7	2.9	2.1	1.3	0.8
37.5°	8.5	7.7	6.9	6.1	5.3	4.5	3.8	3.0	2.2	1.4	0.8
36.25°	8.6	7.8	7.0	6.2	5.4	4.6	3.8	3.0	2.2	1.4	0.8
35°	8.8	8.0	7.2	6.4	5.5	4.7	3.9	3.1	2.3	1.5	0.8



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-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°	8.9	8.1	7.3	6.5	5.6	4.8	4.0	3.2	2.3	1.5	0.8
32.5°	9.1	8.3	7.4	6.6	5.7	4.9	4.1	3.2	2.4	1.5	0.8
31.25°	9.2	8.4	7.5	6.7	5.8	5.0	4.1	3.3	2.4	1.6	0.9
30°	9.4	8.5	7.6	6.8	5.9	5.1	4.2	3.3	2.5	1.6	0.9
28.75°	9.5	8.6	7.8	6.9	6.0	5.1	4.3	3.4	2.5	1.6	0.9
27.5°	9.6	8.7	7.9	7.0	6.1	5.2	4.3	3.4	2.5	1.7	0.9
26.25°	9.7	8.8	8.0	7.1	6.2	5.3	4.4	3.5	2.6	1.7	0.9
25°	9.9	9.0	8.1	7.1	6.2	5.3	4.4	3.5	2.6	1.7	0.9
23.75°	10.0	9.1	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.7	0.9
22.5°	10.1	9.1	8.2	7.3	6.4	5.5	4.5	3.6	2.7	1.8	0.9
21.25°	10.2	9.2	8.3	7.4	6.5	5.5	4.6	3.7	2.7	1.8	0.9
20°	10.3	9.3	8.4	7.5	6.5	5.6	4.6	3.7	2.8	1.8	0.9
18.75°	10.3	9.4	8.5	7.5	6.6	5.6	4.7	3.7	2.8	1.8	0.9
17.5°	10.4	9.5	8.5	7.6	6.6	5.7	4.7	3.8	2.8	1.9	1.0
16.25°	10.5	9.6	8.6	7.6	6.7	5.7	4.8	3.8	2.8	1.9	1.0
15°	10.6	9.6	8.7	7.7	6.7	5.8	4.8	3.8	2.9	1.9	1.0
13.75°	10.6	9.7	8.7	7.7	6.8	5.8	4.8	3.9	2.9	1.9	1.0
12.5°	10.7	9.7	8.8	7.8	6.8	5.8	4.9	3.9	2.9	1.9	1.0
11.25°	10.8	9.8	8.8	7.8	6.8	5.9	4.9	3.9	2.9	1.9	1.0
10°	10.8	9.8	8.8	7.9	6.9	5.9	4.9	3.9	2.9	2.0	1.0
8.75°	10.9	9.9	8.9	7.9	6.9	5.9	4.9	3.9	3.0	2.0	1.0
7.5°	10.9	9.9	8.9	7.9	6.9	5.9	4.9	4.0	3.0	2.0	1.0
6.25°	10.9	9.9	8.9	7.9	7.0	6.0	5.0	4.0	3.0	2.0	1.0
5°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
3.75°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
2.5°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
1.25°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
0°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
-1.25°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
-2.5°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
-3.75°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
-5°	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0
-6.25°	10.9	9.9	8.9	7.9	7.0	6.0	5.0	4.0	3.0	2.0	1.0
-7.5°	10.9	9.9	8.9	7.9	6.9	5.9	4.9	4.0	3.0	2.0	1.0
-8.75°	10.9	9.9	8.9	7.9	6.9	5.9	4.9	3.9	3.0	2.0	1.0
-10°	10.8	9.8	8.8	7.9	6.9	5.9	4.9	3.9	2.9	2.0	1.0
-11.25°	10.8	9.8	8.8	7.8	6.8	5.9	4.9	3.9	2.9	1.9	1.0
-12.5°	10.7	9.7	8.8	7.8	6.8	5.8	4.9	3.9	2.9	1.9	1.0
-13.75°	10.6	9.7	8.7	7.7	6.8	5.8	4.8	3.9	2.9	1.9	1.0
-15°	10.6	9.6	8.7	7.7	6.7	5.8	4.8	3.8	2.9	1.9	1.0
-16.25°	10.5	9.6	8.6	7.6	6.7	5.7	4.8	3.8	2.8	1.9	1.0
-17.5°	10.4	9.5	8.5	7.6	6.6	5.7	4.7	3.8	2.8	1.9	1.0
-18.75°	10.3	9.4	8.5	7.5	6.6	5.6	4.7	3.7	2.8	1.8	0.9
-20°	10.3	9.3	8.4	7.5	6.5	5.6	4.6	3.7	2.8	1.8	0.9
-21.25°	10.2	9.2	8.3	7.4	6.5	5.5	4.6	3.7	2.7	1.8	0.9





REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	10.1	9.1	8.2	7.3	6.4	5.5	4.5	3.6	2.7	1.8	0.9
-23.75°	10.0	9.1	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.7	0.9
-25°	9.9	9.0	8.1	7.1	6.2	5.3	4.4	3.5	2.6	1.7	0.9
-26.25°	9.7	8.8	8.0	7.1	6.2	5.3	4.4	3.5	2.6	1.7	0.9
-27.5°	9.6	8.7	7.9	7.0	6.1	5.2	4.3	3.4	2.5	1.7	0.9
-28.75°	9.5	8.6	7.8	6.9	6.0	5.1	4.3	3.4	2.5	1.6	0.9
-30°	9.4	8.5	7.6	6.8	5.9	5.1	4.2	3.3	2.5	1.6	0.9
-31.25°	9.2	8.4	7.5	6.7	5.8	5.0	4.1	3.3	2.4	1.6	0.9
-32.5°	9.1	8.3	7.4	6.6	5.7	4.9	4.1	3.2	2.4	1.5	0.8
-33.75°	8.9	8.1	7.3	6.5	5.6	4.8	4.0	3.2	2.3	1.5	0.8
-35°	8.8	8.0	7.2	6.4	5.5	4.7	3.9	3.1	2.3	1.5	0.8
-36.25°	8.6	7.8	7.0	6.2	5.4	4.6	3.8	3.0	2.2	1.4	0.8
-37.5°	8.5	7.7	6.9	6.1	5.3	4.5	3.8	3.0	2.2	1.4	0.8
-38.75°	8.3	7.5	6.8	6.0	5.2	4.5	3.7	2.9	2.1	1.3	0.8
-40°	8.1	7.4	6.6	5.9	5.1	4.4	3.6	2.8	2.1	1.3	0.8
-41.25°	8.0	7.2	6.5	5.7	5.0	4.3	3.5	2.8	2.0	1.3	0.8
-42.5°	7.8	7.1	6.3	5.6	4.9	4.2	3.4	2.7	1.9	1.2	0.7
-43.75°	7.6	6.9	6.2	5.5	4.8	4.0	3.3	2.6	1.9	1.2	0.7
-45°	7.4	6.7	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.1	0.7
-46.25°	7.2	6.6	5.9	5.2	4.5	3.8	3.1	2.5	1.8	1.1	0.7
-47.5°	7.1	6.4	5.7	5.1	4.4	3.7	3.0	2.4	1.7	1.0	0.7
-48.75°	6.9	6.2	5.6	4.9	4.3	3.6	2.9	2.3	1.6	1.0	0.7
-50°	6.7	6.0	5.4	4.8	4.1	3.5	2.9	2.2	1.6	1.0	0.6
-51.25°	6.5	5.8	5.2	4.6	4.0	3.4	2.7	2.1	1.5	0.9	0.6
-52.5°	6.3	5.7	5.1	4.5	3.9	3.3	2.6	2.0	1.4	0.9	0.6
-53.75°	6.0	5.5	4.9	4.3	3.7	3.1	2.5	2.0	1.4	0.9	0.6
-55°	5.8	5.3	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.9	0.6
-56.25°	5.6	5.1	4.5	4.0	3.4	2.9	2.3	1.8	1.2	0.8	0.6
-57.5°	5.4	4.9	4.3	3.8	3.3	2.8	2.2	1.7	1.1	0.8	0.5
-58.75°	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1	0.8	0.5
-60°	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.7	0.5
-61.25°	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0	0.7	0.5
-62.5°	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9	0.7	0.5
-63.75°	4.3	3.8	3.4	3.0	2.5	2.1	1.6	1.2	0.9	0.7	0.4
-65°	4.0	3.6	3.2	2.8	2.4	1.9	1.5	1.1	0.8	0.6	0.4
-66.25°	3.8	3.4	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.6	0.4
-67.5°	3.5	3.2	2.8	2.4	2.0	1.7	1.3	1.0	0.8	0.6	0.4
-68.75°	3.3	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4
-70°	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.9	0.7	0.5	0.3
-71.25°	2.8	2.5	2.2	1.9	1.6	1.2	1.0	0.8	0.6	0.5	0.3
-72.5°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
-73.75°	2.3	2.1	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4	0.3
-75°	2.1	1.8	1.6	1.3	1.1	0.9	0.8	0.6	0.5	0.4	0.3
-76.25°	1.8	1.6	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-77.5°	1.6	1.4	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	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°	0.1	0.0
73.75°	0.1	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°	0.2	0.0
63.75°	0.2	0.0
62.5°	0.2	0.0
61.25°	0.2	0.0
60°	0.2	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°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.3	0.0
48.75°	0.3	0.0
47.5°	0.3	0.0
46.25°	0.3	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.4	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	0.4	0.0
32.5°	0.4	0.0
31.25°	0.4	0.0
30°	0.4	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.5	0.0
21.25°	0.5	0.0
20°	0.5	0.0
18.75°	0.5	0.0
17.5°	0.5	0.0
16.25°	0.5	0.0
15°	0.5	0.0
13.75°	0.5	0.0
12.5°	0.5	0.0
11.25°	0.5	0.0
10°	0.5	0.0
8.75°	0.5	0.0
7.5°	0.5	0.0
6.25°	0.5	0.0
5°	0.5	0.0
3.75°	0.5	0.0
2.5°	0.5	0.0
1.25°	0.5	0.0
0°	0.5	0.0
-1.25°	0.5	0.0
-2.5°	0.5	0.0
-3.75°	0.5	0.0
-5°	0.5	0.0
-6.25°	0.5	0.0
-7.5°	0.5	0.0
-8.75°	0.5	0.0
-10°	0.5	0.0
-11.25°	0.5	0.0
-12.5°	0.5	0.0
-13.75°	0.5	0.0
-15°	0.5	0.0
-16.25°	0.5	0.0
-17.5°	0.5	0.0
-18.75°	0.5	0.0
-20°	0.5	0.0
-21.25°	0.5	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	0.5	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.4	0.0
-27.5°	0.4	0.0
-28.75°	0.4	0.0
-30°	0.4	0.0
-31.25°	0.4	0.0
-32.5°	0.4	0.0
-33.75°	0.4	0.0
-35°	0.4	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.4	0.0
-41.25°	0.4	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.3	0.0
-47.5°	0.3	0.0
-48.75°	0.3	0.0
-50°	0.3	0.0
-51.25°	0.3	0.0
-52.5°	0.3	0.0
-53.75°	0.3	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°	0.2	0.0
-61.25°	0.2	0.0
-62.5°	0.2	0.0
-63.75°	0.2	0.0
-65°	0.2	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°	0.1	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P221130 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC1-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°	0.0	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)