

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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV**

Issue Date: 3/3/2020

**Test Information**

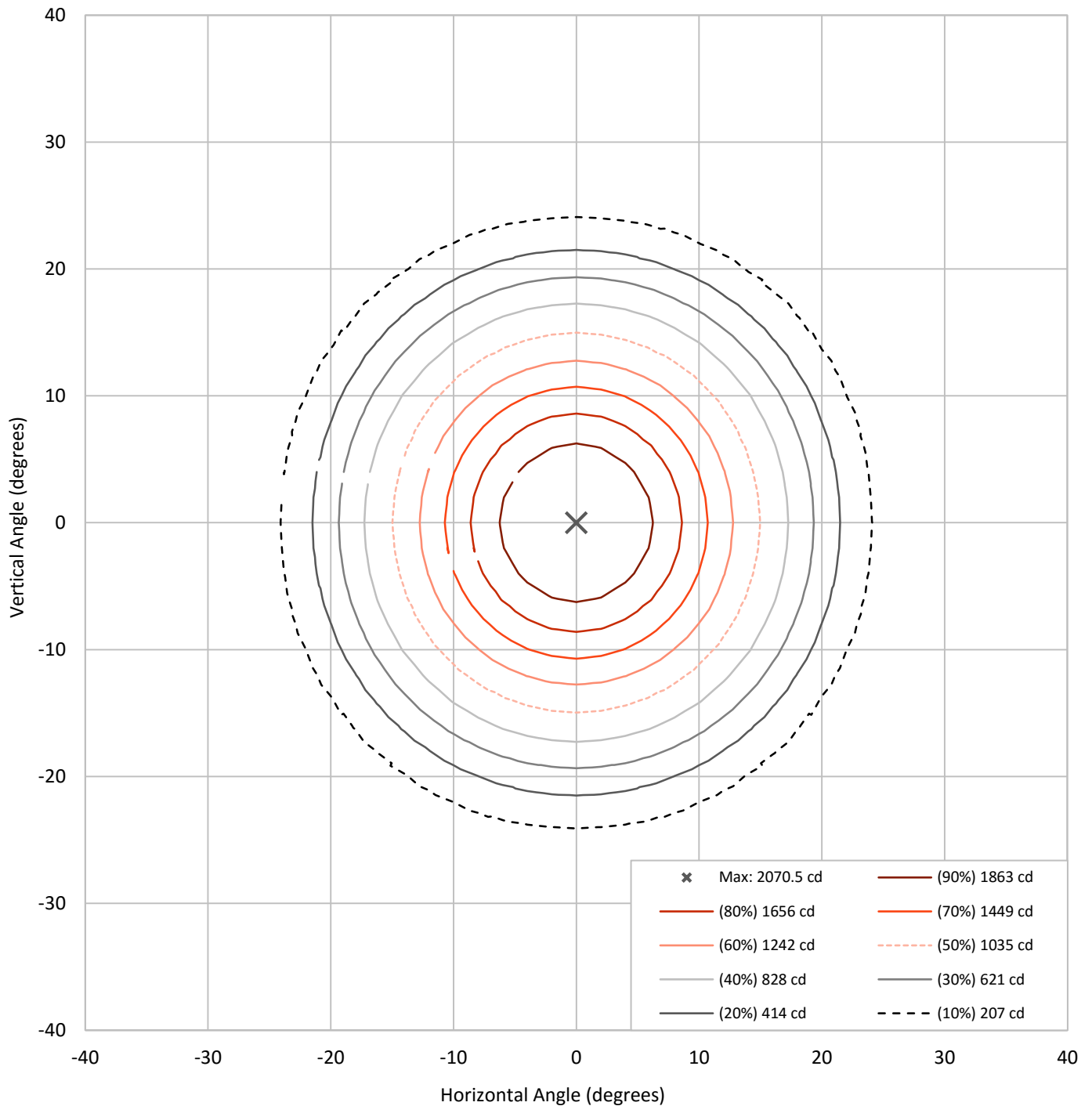
Test Method: LM-79-08  
Report Number: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29551)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) WARM DIMMING 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:	623.9 lumens	Max Intensity:	2070.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	29.9°H x 29.9°V	Field Angle (10%):	48.2°H x 48.2°V
Beam Lumens:	317.4 lumens	Field Lumens:	511.7 lumens
Beam Efficiency:	50.9%	Field Efficiency:	82.0%
Input Watts (W):	24		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





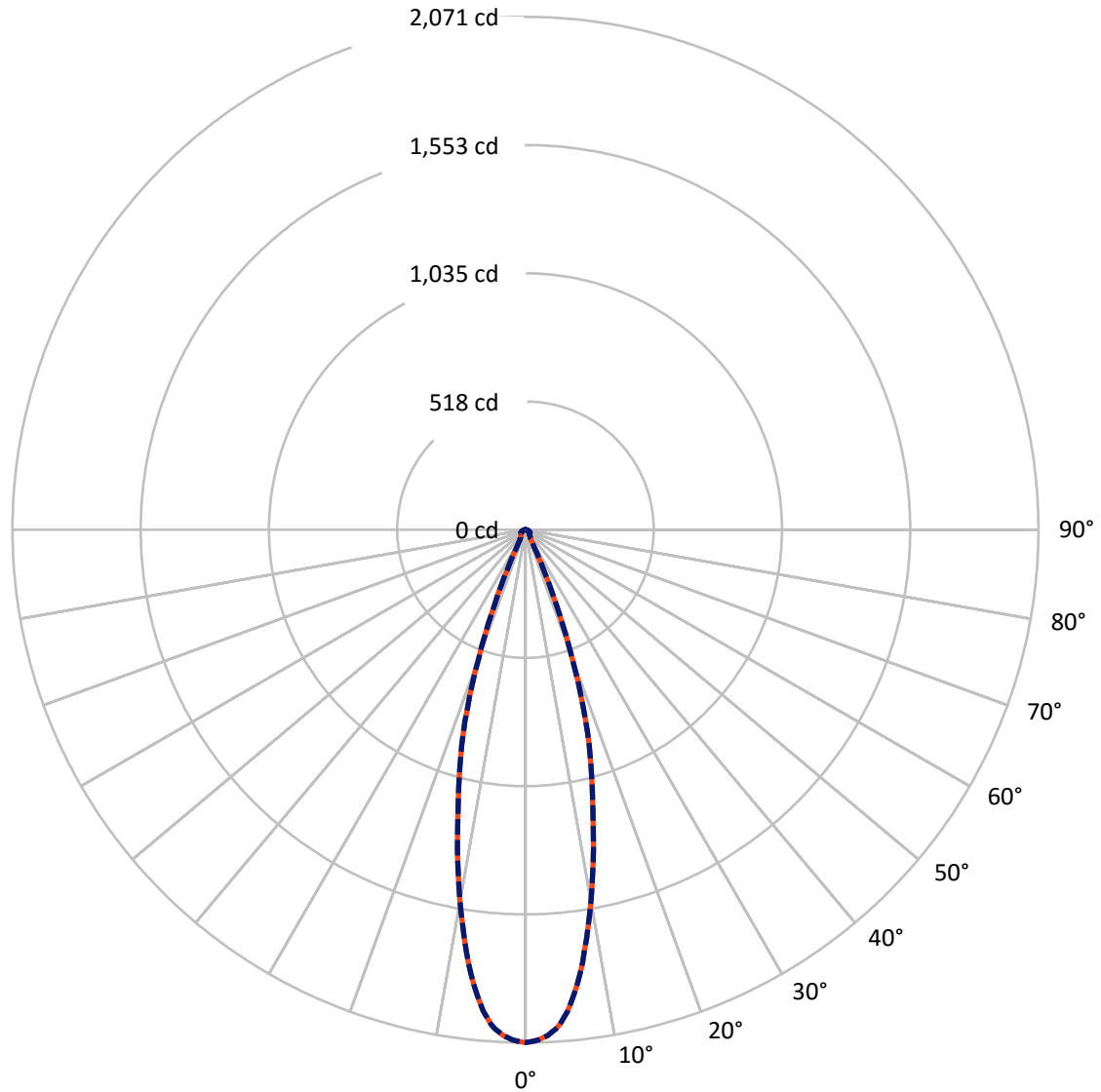
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### Lumen Table

90	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.3	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	0.1	0.3	0.4	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.3	0.1	0.1			
40		0.2	0.3	0.5	0.5	0.7	0.9	1.0	1.0	0.9	0.7	0.5	0.5	0.3	0.2				
30	0.1	0.2	0.4	0.5	0.6	0.9	2.1	5.3	5.3	2.1	0.9	0.6	0.5	0.4	0.2	0.1			
20		0.2	0.4	0.5	0.7	1.9	13.4	28.3	28.3	13.4	1.9	0.7	0.5	0.4	0.2				
10	0.1	0.2	0.4	0.5	0.8	4.9	27.6	51.9	51.9	27.6	4.9	0.8	0.5	0.4	0.2	0.1			
0		0.2	0.4	0.5	0.8	4.9	27.6	51.9	51.9	27.6	4.9	0.8	0.5	0.4	0.2				
-10	0.1	0.2	0.4	0.5	0.8	4.9	27.6	51.9	51.9	27.6	4.9	0.8	0.5	0.4	0.2	0.1			
-20		0.2	0.4	0.5	0.7	1.9	13.4	28.3	28.3	13.4	1.9	0.7	0.5	0.4	0.2				
-30	0.1	0.2	0.4	0.5	0.6	0.9	2.1	5.3	5.3	2.1	0.9	0.6	0.5	0.4	0.2	0.1			
-40		0.2	0.3	0.5	0.5	0.7	0.9	1.0	1.0	0.9	0.7	0.5	0.5	0.3	0.2				
-50	0.1	0.1	0.3	0.4	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.3	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				
-70	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			
-80		0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1				
-90	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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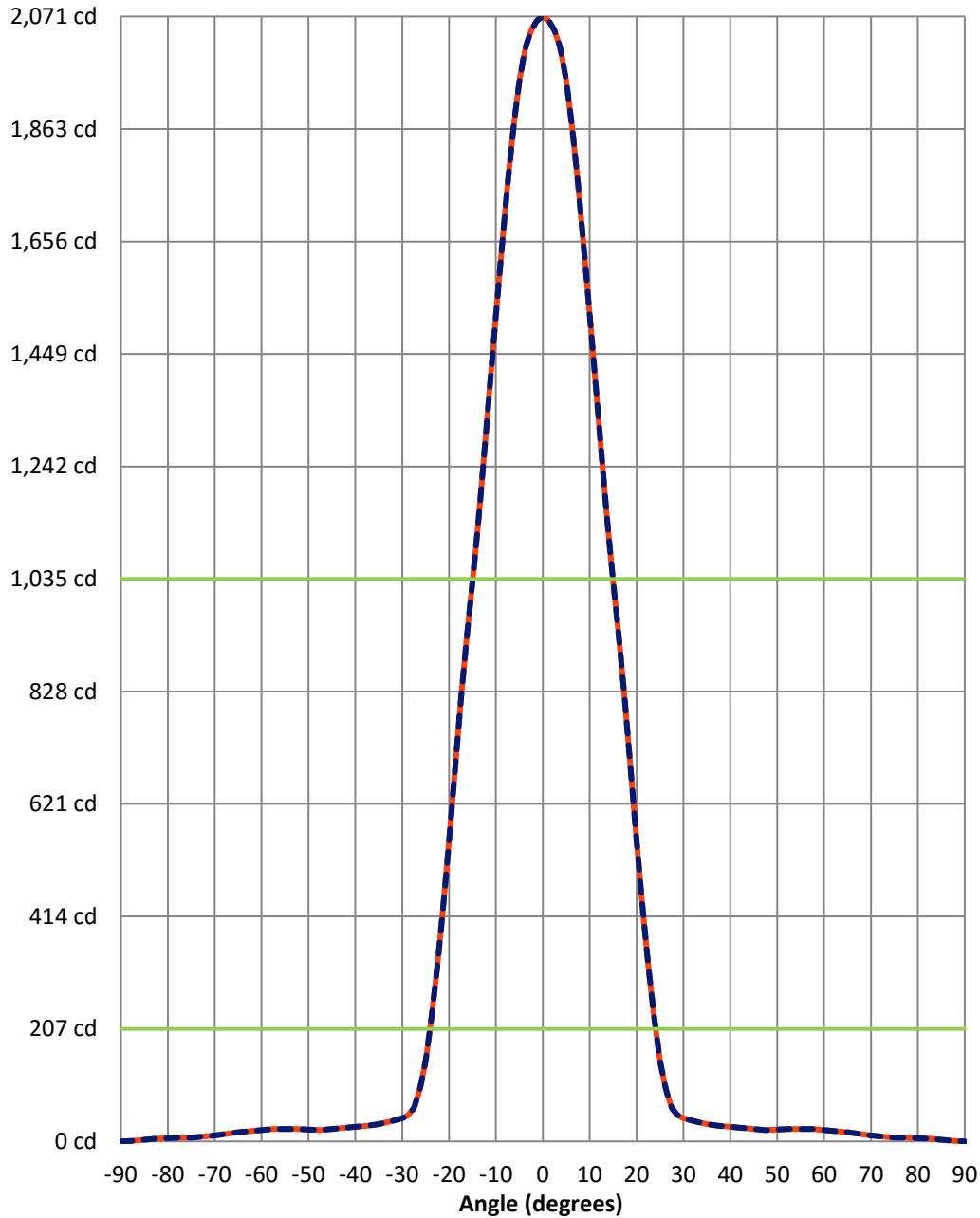
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 29.9°  
 V Angle: 29.9°  
 Lumens: 317.4  
 Efficiency: 50.9%

**Field:**  
 H Angle: 48.2°  
 V Angle: 48.2°  
 Lumens: 511.7  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 112.2  
 Efficiency: 18.0%

— 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	5.0
51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.4	4.0	4.6	5.1
50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.5	4.1	4.8	5.2
48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.6	4.3	4.9	5.3
47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.7	4.4	5.0	5.3
46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.8	4.5	5.1	5.4
45°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.9	4.6	5.2	5.5
43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.3	4.0	4.8	5.2	5.5
42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.4	4.2	4.9	5.3	5.6
41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.5	4.3	5.0	5.3	5.7
40°	0.0	0.4	0.8	1.3	2.1	2.8	3.6	4.4	5.1	5.4	5.7
38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.7	4.5	5.1	5.5	5.8
37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.5	5.2	5.5	5.9
36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.6	5.2	5.6	5.9
35°	0.0	0.4	0.8	1.5	2.3	3.1	3.9	4.7	5.2	5.6	6.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**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	5.3	5.7	6.0
32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.3	5.7	6.1
31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.4	5.8	6.2
30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.0	5.4	5.8	6.2
28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	5.5	5.8	6.3
27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.1	5.5	5.9	6.3
26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.1	5.5	5.9	6.4
25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.2	5.6	6.0	6.4
23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.2	5.6	6.0	6.5
22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.2	5.6	6.1	6.5
21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.2	5.7	6.1	6.6
20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.3	5.7	6.1	6.6
18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.3	5.7	6.2	6.6
17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.3	5.7	6.2	6.7
16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.3	5.8	6.2	6.7
15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.3	5.8	6.2	6.7
13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.4	5.8	6.3	6.8
12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.8	6.3	6.8
11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.8	6.3	6.8
10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.4	5.8	6.3	6.8
8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.4	5.9	6.3	6.8
7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.4	5.9	6.4	6.9
6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
0°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	5.9	6.4	6.9
-1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
-2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
-3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
-5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
-6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.4	5.9	6.4	6.9
-7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.4	5.9	6.4	6.9
-8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.4	5.9	6.3	6.8
-10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.4	5.8	6.3	6.8
-11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.8	6.3	6.8
-12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.8	6.3	6.8
-13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.4	5.8	6.3	6.8
-15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.3	5.8	6.2	6.7
-16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.3	5.8	6.2	6.7
-17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.3	5.7	6.2	6.7
-18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.3	5.7	6.2	6.6
-20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.3	5.7	6.1	6.6
-21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.2	5.7	6.1	6.6





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.2	5.6	6.1	6.5
-23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.2	5.6	6.0	6.5
-25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.2	5.6	6.0	6.4
-26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.1	5.5	5.9	6.4
-27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.1	5.5	5.9	6.3
-28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	5.5	5.8	6.3
-30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.0	5.4	5.8	6.2
-31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.4	5.8	6.2
-32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.3	5.7	6.1
-33.75°	0.0	0.4	0.8	1.5	2.3	3.2	4.0	4.8	5.3	5.7	6.0
-35°	0.0	0.4	0.8	1.5	2.3	3.1	3.9	4.7	5.2	5.6	6.0
-36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.6	5.2	5.6	5.9
-37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.8	4.5	5.2	5.5	5.9
-38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.7	4.5	5.1	5.5	5.8
-40°	0.0	0.4	0.8	1.3	2.1	2.8	3.6	4.4	5.1	5.4	5.7
-41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.5	4.3	5.0	5.3	5.7
-42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.4	4.2	4.9	5.3	5.6
-43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.3	4.0	4.8	5.2	5.5
-45°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.9	4.6	5.2	5.5
-46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.8	4.5	5.1	5.4
-47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.7	4.4	5.0	5.3
-48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.6	4.3	4.9	5.3
-50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.5	4.1	4.8	5.2
-51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.4	4.0	4.6	5.1
-52.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.3	3.9	4.5	5.0
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.2	0.3	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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	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	5.1	5.2
70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.3	5.4
68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.2	5.3	5.5	5.6
67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.2	5.3	5.5	5.7	5.8
66.25°	3.4	3.8	4.2	4.6	5.0	5.2	5.3	5.5	5.7	5.8	6.0
65°	3.6	4.0	4.4	4.8	5.1	5.3	5.5	5.7	5.8	6.0	6.2
63.75°	3.8	4.3	4.7	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4
62.5°	4.0	4.5	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
61.25°	4.3	4.7	5.1	5.3	5.5	5.7	5.9	6.1	6.4	6.6	6.8
60°	4.5	4.9	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.8	6.9
58.75°	4.7	5.1	5.3	5.5	5.8	6.0	6.2	6.5	6.7	6.9	6.9
57.5°	4.9	5.2	5.4	5.6	5.9	6.1	6.4	6.6	6.9	6.9	6.9
56.25°	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	6.9	6.9	6.9
55°	5.1	5.4	5.6	5.9	6.1	6.4	6.7	6.9	6.9	6.9	6.9
53.75°	5.2	5.5	5.7	6.0	6.3	6.6	6.9	6.9	6.9	6.9	7.0
52.5°	5.3	5.6	5.8	6.1	6.4	6.7	6.9	6.9	6.9	6.9	7.4
51.25°	5.4	5.7	5.9	6.2	6.5	6.8	6.9	6.9	6.9	7.2	7.8
50°	5.5	5.7	6.0	6.4	6.7	6.9	6.9	6.9	6.9	7.5	8.1
48.75°	5.5	5.8	6.2	6.5	6.8	6.9	6.9	6.9	7.2	7.8	8.5
47.5°	5.6	5.9	6.3	6.6	6.9	6.9	6.9	6.9	7.5	8.2	8.8
46.25°	5.7	6.0	6.4	6.7	6.9	6.9	6.9	7.2	7.8	8.5	9.1
45°	5.8	6.1	6.5	6.8	6.9	6.9	6.9	7.5	8.1	8.8	9.5
43.75°	5.9	6.2	6.6	6.9	6.9	6.9	7.0	7.7	8.4	9.1	9.8
42.5°	5.9	6.3	6.7	6.9	6.9	6.9	7.3	8.0	8.7	9.4	10.1
41.25°	6.0	6.4	6.8	6.9	6.9	6.9	7.6	8.3	9.0	9.7	10.4
40°	6.1	6.5	6.9	6.9	6.9	7.1	7.8	8.5	9.3	10.0	10.7
38.75°	6.2	6.6	6.9	6.9	6.9	7.3	8.0	8.8	9.5	10.3	11.1
37.5°	6.2	6.6	6.9	6.9	6.9	7.5	8.3	9.0	9.8	10.6	11.6
36.25°	6.3	6.7	6.9	6.9	6.9	7.7	8.5	9.3	10.1	10.8	12.0
35°	6.4	6.8	6.9	6.9	7.1	7.9	8.7	9.5	10.3	11.2	12.4



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	6.5	6.9	6.9	6.9	7.3	8.1	8.9	9.7	10.6	11.6	12.8
32.5°	6.5	6.9	6.9	6.9	7.5	8.3	9.1	10.0	10.8	12.0	13.2
31.25°	6.6	6.9	6.9	6.9	7.7	8.5	9.3	10.2	11.1	12.3	13.6
30°	6.7	6.9	6.9	7.0	7.8	8.7	9.5	10.4	11.4	12.7	13.9
28.75°	6.7	6.9	6.9	7.1	8.0	8.9	9.7	10.6	11.7	13.0	14.3
27.5°	6.8	6.9	6.9	7.3	8.2	9.0	9.9	10.8	12.0	13.3	14.6
26.25°	6.8	6.9	6.9	7.4	8.3	9.2	10.1	11.0	12.3	13.6	14.9
25°	6.9	6.9	6.9	7.6	8.4	9.3	10.2	11.3	12.6	13.9	15.2
23.75°	6.9	6.9	6.9	7.7	8.6	9.5	10.4	11.5	12.9	14.2	15.5
22.5°	6.9	6.9	6.9	7.8	8.7	9.6	10.6	11.7	13.1	14.5	15.8
21.25°	6.9	6.9	7.0	7.9	8.8	9.8	10.7	12.0	13.4	14.7	16.0
20°	6.9	6.9	7.1	8.0	9.0	9.9	10.8	12.2	13.6	14.9	16.3
18.75°	6.9	6.9	7.2	8.1	9.1	10.0	11.0	12.4	13.8	15.2	16.5
17.5°	6.9	6.9	7.3	8.2	9.2	10.1	11.2	12.6	14.0	15.4	16.7
16.25°	6.9	6.9	7.4	8.3	9.3	10.2	11.3	12.8	14.2	15.6	16.9
15°	6.9	6.9	7.4	8.4	9.4	10.3	11.5	12.9	14.4	15.7	17.0
13.75°	6.9	6.9	7.5	8.5	9.5	10.4	11.6	13.1	14.5	15.9	17.2
12.5°	6.9	6.9	7.6	8.6	9.5	10.5	11.8	13.2	14.7	16.1	17.3
11.25°	6.9	6.9	7.6	8.6	9.6	10.6	11.9	13.4	14.8	16.2	17.4
10°	6.9	6.9	7.7	8.7	9.7	10.6	12.0	13.5	14.9	16.3	17.5
8.75°	6.9	6.9	7.7	8.7	9.7	10.7	12.1	13.6	15.0	16.4	17.5
7.5°	6.9	6.9	7.8	8.8	9.8	10.8	12.2	13.7	15.1	16.5	17.6
6.25°	6.9	6.9	7.8	8.8	9.8	10.8	12.2	13.7	15.2	16.6	17.7
5°	6.9	6.9	7.8	8.8	9.8	10.8	12.3	13.8	15.2	16.7	17.7
3.75°	6.9	6.9	7.9	8.9	9.9	10.9	12.3	13.8	15.3	16.7	17.8
2.5°	6.9	6.9	7.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8
1.25°	6.9	6.9	7.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8
0°	6.9	6.9	7.9	8.9	9.9	10.9	12.4	13.9	15.4	16.8	17.8
-1.25°	6.9	6.9	7.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8
-2.5°	6.9	6.9	7.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8
-3.75°	6.9	6.9	7.9	8.9	9.9	10.9	12.3	13.8	15.3	16.7	17.8
-5°	6.9	6.9	7.8	8.8	9.8	10.8	12.3	13.8	15.2	16.7	17.7
-6.25°	6.9	6.9	7.8	8.8	9.8	10.8	12.2	13.7	15.2	16.6	17.7
-7.5°	6.9	6.9	7.8	8.8	9.8	10.8	12.2	13.7	15.1	16.5	17.6
-8.75°	6.9	6.9	7.7	8.7	9.7	10.7	12.1	13.6	15.0	16.4	17.5
-10°	6.9	6.9	7.7	8.7	9.7	10.6	12.0	13.5	14.9	16.3	17.5
-11.25°	6.9	6.9	7.6	8.6	9.6	10.6	11.9	13.4	14.8	16.2	17.4
-12.5°	6.9	6.9	7.6	8.6	9.5	10.5	11.8	13.2	14.7	16.1	17.3
-13.75°	6.9	6.9	7.5	8.5	9.5	10.4	11.6	13.1	14.5	15.9	17.2
-15°	6.9	6.9	7.4	8.4	9.4	10.3	11.5	12.9	14.4	15.7	17.0
-16.25°	6.9	6.9	7.4	8.3	9.3	10.2	11.3	12.8	14.2	15.6	16.9
-17.5°	6.9	6.9	7.3	8.2	9.2	10.1	11.2	12.6	14.0	15.4	16.7
-18.75°	6.9	6.9	7.2	8.1	9.1	10.0	11.0	12.4	13.8	15.2	16.5
-20°	6.9	6.9	7.1	8.0	9.0	9.9	10.8	12.2	13.6	14.9	16.3
-21.25°	6.9	6.9	7.0	7.9	8.8	9.8	10.7	12.0	13.4	14.7	16.0



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	6.9	6.9	6.9	7.8	8.7	9.6	10.6	11.7	13.1	14.5	15.8
-23.75°	6.9	6.9	6.9	7.7	8.6	9.5	10.4	11.5	12.9	14.2	15.5
-25°	6.9	6.9	6.9	7.6	8.4	9.3	10.2	11.3	12.6	13.9	15.2
-26.25°	6.8	6.9	6.9	7.4	8.3	9.2	10.1	11.0	12.3	13.6	14.9
-27.5°	6.8	6.9	6.9	7.3	8.2	9.0	9.9	10.8	12.0	13.3	14.6
-28.75°	6.7	6.9	6.9	7.1	8.0	8.9	9.7	10.6	11.7	13.0	14.3
-30°	6.7	6.9	6.9	7.0	7.8	8.7	9.5	10.4	11.4	12.7	13.9
-31.25°	6.6	6.9	6.9	6.9	7.7	8.5	9.3	10.2	11.1	12.3	13.6
-32.5°	6.5	6.9	6.9	6.9	7.5	8.3	9.1	10.0	10.8	12.0	13.2
-33.75°	6.5	6.9	6.9	6.9	7.3	8.1	8.9	9.7	10.6	11.6	12.8
-35°	6.4	6.8	6.9	6.9	7.1	7.9	8.7	9.5	10.3	11.2	12.4
-36.25°	6.3	6.7	6.9	6.9	6.9	7.7	8.5	9.3	10.1	10.8	12.0
-37.5°	6.2	6.6	6.9	6.9	6.9	7.5	8.3	9.0	9.8	10.6	11.6
-38.75°	6.2	6.6	6.9	6.9	6.9	7.3	8.0	8.8	9.5	10.3	11.1
-40°	6.1	6.5	6.9	6.9	6.9	7.1	7.8	8.5	9.3	10.0	10.7
-41.25°	6.0	6.4	6.8	6.9	6.9	6.9	7.6	8.3	9.0	9.7	10.4
-42.5°	5.9	6.3	6.7	6.9	6.9	6.9	7.3	8.0	8.7	9.4	10.1
-43.75°	5.9	6.2	6.6	6.9	6.9	6.9	7.0	7.7	8.4	9.1	9.8
-45°	5.8	6.1	6.5	6.8	6.9	6.9	6.9	7.5	8.1	8.8	9.5
-46.25°	5.7	6.0	6.4	6.7	6.9	6.9	6.9	7.2	7.8	8.5	9.1
-47.5°	5.6	5.9	6.3	6.6	6.9	6.9	6.9	6.9	7.5	8.2	8.8
-48.75°	5.5	5.8	6.2	6.5	6.8	6.9	6.9	6.9	7.2	7.8	8.5
-50°	5.5	5.7	6.0	6.4	6.7	6.9	6.9	6.9	6.9	7.5	8.1
-51.25°	5.4	5.7	5.9	6.2	6.5	6.8	6.9	6.9	6.9	7.2	7.8
-52.5°	5.3	5.6	5.8	6.1	6.4	6.7	6.9	6.9	6.9	6.9	7.4
-53.75°	5.2	5.5	5.7	6.0	6.3	6.6	6.9	6.9	6.9	6.9	7.0
-55°	5.1	5.4	5.6	5.9	6.1	6.4	6.7	6.9	6.9	6.9	6.9
-56.25°	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	6.9	6.9	6.9
-57.5°	4.9	5.2	5.4	5.6	5.9	6.1	6.4	6.6	6.9	6.9	6.9
-58.75°	4.7	5.1	5.3	5.5	5.8	6.0	6.2	6.5	6.7	6.9	6.9
-60°	4.5	4.9	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.8	6.9
-61.25°	4.3	4.7	5.1	5.3	5.5	5.7	5.9	6.1	6.4	6.6	6.8
-62.5°	4.0	4.5	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
-63.75°	3.8	4.3	4.7	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4
-65°	3.6	4.0	4.4	4.8	5.1	5.3	5.5	5.7	5.8	6.0	6.2
-66.25°	3.4	3.8	4.2	4.6	5.0	5.2	5.3	5.5	5.7	5.8	6.0
-67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.2	5.3	5.5	5.7	5.8
-68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.2	5.3	5.5	5.6
-70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.3	5.4
-71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.1	5.2
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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	5.0	5.1	5.2
76.25°	4.0	4.3	4.5	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5
75°	4.5	4.7	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7
73.75°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
72.5°	5.2	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.4
71.25°	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.7
70°	5.6	5.7	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9
68.75°	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.9	6.9	6.9	6.9
67.5°	6.0	6.1	6.3	6.5	6.6	6.8	6.9	6.9	6.9	6.9	6.9
66.25°	6.2	6.4	6.5	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9
65°	6.4	6.6	6.8	6.9	6.9	6.9	6.9	6.9	6.9	7.2	7.5
63.75°	6.6	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.4	7.8	8.1
62.5°	6.8	6.9	6.9	6.9	6.9	6.9	7.2	7.6	8.0	8.3	8.7
61.25°	6.9	6.9	6.9	6.9	6.9	7.3	7.7	8.1	8.5	8.9	9.3
60°	6.9	6.9	6.9	6.9	7.4	7.8	8.2	8.7	9.1	9.5	9.9
58.75°	6.9	6.9	6.9	7.4	7.8	8.3	8.7	9.2	9.6	10.1	10.5
57.5°	6.9	6.9	7.4	7.8	8.3	8.8	9.3	9.7	10.2	10.6	11.1
56.25°	6.9	7.3	7.8	8.3	8.8	9.3	9.8	10.2	10.7	11.3	12.0
55°	7.2	7.7	8.2	8.7	9.3	9.8	10.3	10.8	11.4	12.1	12.9
53.75°	7.6	8.1	8.7	9.2	9.7	10.2	10.8	11.5	12.2	13.0	13.7
52.5°	8.0	8.5	9.1	9.6	10.2	10.7	11.4	12.2	13.0	13.8	14.5
51.25°	8.3	8.9	9.5	10.1	10.6	11.3	12.1	13.0	13.8	14.6	15.3
50°	8.7	9.3	9.9	10.5	11.1	12.0	12.9	13.7	14.5	15.3	16.1
48.75°	9.1	9.7	10.3	10.9	11.8	12.7	13.6	14.4	15.3	16.1	16.9
47.5°	9.4	10.1	10.7	11.5	12.4	13.4	14.2	15.1	16.0	16.8	17.4
46.25°	9.8	10.4	11.2	12.1	13.1	14.0	14.9	15.8	16.7	17.3	17.9
45°	10.1	10.8	11.7	12.7	13.7	14.6	15.6	16.5	17.2	17.8	18.4
43.75°	10.5	11.3	12.3	13.3	14.3	15.2	16.2	17.0	17.7	18.3	18.9
42.5°	10.8	11.8	12.9	13.9	14.9	15.8	16.8	17.5	18.1	18.8	19.4
41.25°	11.3	12.3	13.4	14.4	15.4	16.4	17.2	17.9	18.6	19.3	19.9
40°	11.8	12.8	13.9	15.0	16.0	17.0	17.7	18.3	19.0	19.7	20.4
38.75°	12.2	13.3	14.4	15.5	16.5	17.3	18.1	18.8	19.5	20.2	20.9
37.5°	12.7	13.8	14.9	16.0	17.0	17.7	18.5	19.2	19.9	20.6	21.3
36.25°	13.1	14.3	15.4	16.5	17.3	18.1	18.8	19.6	20.3	21.1	21.8
35°	13.6	14.7	15.8	16.9	17.7	18.5	19.2	20.0	20.7	21.5	22.2



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	14.0	15.1	16.3	17.2	18.0	18.8	19.6	20.4	21.1	21.9	22.6
32.5°	14.4	15.6	16.7	17.6	18.4	19.2	19.9	20.7	21.5	22.3	22.8
31.25°	14.8	16.0	17.0	17.9	18.7	19.5	20.3	21.1	21.9	22.7	22.8
30°	15.1	16.4	17.3	18.2	19.0	19.8	20.6	21.4	22.3	22.8	22.8
28.75°	15.5	16.7	17.6	18.4	19.3	20.1	21.0	21.8	22.6	22.8	22.8
27.5°	15.8	17.0	17.9	18.7	19.6	20.4	21.3	22.1	22.8	22.8	22.8
26.25°	16.2	17.2	18.1	19.0	19.8	20.7	21.6	22.4	22.8	22.8	22.8
25°	16.5	17.5	18.4	19.2	20.1	21.0	21.9	22.7	22.8	22.8	22.8
23.75°	16.8	17.7	18.6	19.5	20.4	21.3	22.1	22.8	22.8	22.8	22.8
22.5°	17.0	17.9	18.8	19.7	20.6	21.5	22.4	22.8	22.8	22.8	22.8
21.25°	17.2	18.1	19.0	19.9	20.8	21.7	22.7	22.8	22.8	22.8	22.8
20°	17.4	18.3	19.2	20.1	21.1	22.0	22.8	22.8	22.8	22.8	22.8
18.75°	17.5	18.5	19.4	20.3	21.3	22.2	22.8	22.8	22.8	22.8	22.8
17.5°	17.7	18.6	19.6	20.5	21.5	22.4	22.8	22.8	22.8	22.8	22.7
16.25°	17.9	18.8	19.7	20.7	21.6	22.6	22.8	22.8	22.8	22.8	22.6
15°	18.0	18.9	19.9	20.9	21.8	22.8	22.8	22.8	22.8	22.8	22.4
13.75°	18.1	19.1	20.0	21.0	22.0	22.8	22.8	22.8	22.8	22.8	22.3
12.5°	18.2	19.2	20.2	21.1	22.1	22.8	22.8	22.8	22.8	22.8	22.3
11.25°	18.3	19.3	20.3	21.3	22.2	22.8	22.8	22.8	22.8	22.8	22.2
10°	18.4	19.4	20.4	21.4	22.4	22.8	22.8	22.8	22.8	22.6	22.1
8.75°	18.5	19.5	20.5	21.5	22.5	22.8	22.8	22.8	22.8	22.5	22.0
7.5°	18.6	19.6	20.6	21.6	22.6	22.8	22.8	22.8	22.8	22.5	22.0
6.25°	18.7	19.7	20.6	21.6	22.6	22.8	22.8	22.8	22.8	22.4	21.9
5°	18.7	19.7	20.7	21.7	22.7	22.8	22.8	22.8	22.8	22.4	21.9
3.75°	18.7	19.7	20.7	21.7	22.7	22.8	22.8	22.8	22.8	22.3	21.8
2.5°	18.8	19.8	20.8	21.8	22.8	22.8	22.8	22.8	22.8	22.3	21.8
1.25°	18.8	19.8	20.8	21.8	22.8	22.8	22.8	22.8	22.8	22.3	21.8
0°	18.8	19.8	20.8	21.8	22.8	22.8	22.8	22.8	22.8	22.3	21.8
-1.25°	18.8	19.8	20.8	21.8	22.8	22.8	22.8	22.8	22.8	22.3	21.8
-2.5°	18.8	19.8	20.8	21.8	22.8	22.8	22.8	22.8	22.8	22.3	21.8
-3.75°	18.7	19.7	20.7	21.7	22.7	22.8	22.8	22.8	22.8	22.3	21.8
-5°	18.7	19.7	20.7	21.7	22.7	22.8	22.8	22.8	22.8	22.4	21.9
-6.25°	18.7	19.7	20.6	21.6	22.6	22.8	22.8	22.8	22.8	22.4	21.9
-7.5°	18.6	19.6	20.6	21.6	22.6	22.8	22.8	22.8	22.8	22.5	22.0
-8.75°	18.5	19.5	20.5	21.5	22.5	22.8	22.8	22.8	22.8	22.5	22.0
-10°	18.4	19.4	20.4	21.4	22.4	22.8	22.8	22.8	22.8	22.6	22.1
-11.25°	18.3	19.3	20.3	21.3	22.2	22.8	22.8	22.8	22.8	22.7	22.2
-12.5°	18.2	19.2	20.2	21.1	22.1	22.8	22.8	22.8	22.8	22.7	22.3
-13.75°	18.1	19.1	20.0	21.0	22.0	22.8	22.8	22.8	22.8	22.8	22.3
-15°	18.0	18.9	19.9	20.9	21.8	22.8	22.8	22.8	22.8	22.8	22.4
-16.25°	17.9	18.8	19.7	20.7	21.6	22.6	22.8	22.8	22.8	22.8	22.6
-17.5°	17.7	18.6	19.6	20.5	21.5	22.4	22.8	22.8	22.8	22.8	22.7
-18.75°	17.5	18.5	19.4	20.3	21.3	22.2	22.8	22.8	22.8	22.8	22.8
-20°	17.4	18.3	19.2	20.1	21.1	22.0	22.8	22.8	22.8	22.8	22.8
-21.25°	17.2	18.1	19.0	19.9	20.8	21.7	22.7	22.8	22.8	22.8	22.8





REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	17.0	17.9	18.8	19.7	20.6	21.5	22.4	22.8	22.8	22.8	22.8
-23.75°	16.8	17.7	18.6	19.5	20.4	21.3	22.1	22.8	22.8	22.8	22.8
-25°	16.5	17.5	18.4	19.2	20.1	21.0	21.9	22.7	22.8	22.8	22.8
-26.25°	16.2	17.2	18.1	19.0	19.8	20.7	21.6	22.4	22.8	22.8	22.8
-27.5°	15.8	17.0	17.9	18.7	19.6	20.4	21.3	22.1	22.8	22.8	22.8
-28.75°	15.5	16.7	17.6	18.4	19.3	20.1	21.0	21.8	22.6	22.8	22.8
-30°	15.1	16.4	17.3	18.2	19.0	19.8	20.6	21.4	22.3	22.8	22.8
-31.25°	14.8	16.0	17.0	17.9	18.7	19.5	20.3	21.1	21.9	22.7	22.8
-32.5°	14.4	15.6	16.7	17.6	18.4	19.2	19.9	20.7	21.5	22.3	22.8
-33.75°	14.0	15.1	16.3	17.2	18.0	18.8	19.6	20.4	21.1	21.9	22.6
-35°	13.6	14.7	15.8	16.9	17.7	18.5	19.2	20.0	20.7	21.5	22.2
-36.25°	13.1	14.3	15.4	16.5	17.3	18.1	18.8	19.6	20.3	21.1	21.8
-37.5°	12.7	13.8	14.9	16.0	17.0	17.7	18.5	19.2	19.9	20.6	21.3
-38.75°	12.2	13.3	14.4	15.5	16.5	17.3	18.1	18.8	19.5	20.2	20.9
-40°	11.8	12.8	13.9	15.0	16.0	17.0	17.7	18.3	19.0	19.7	20.4
-41.25°	11.3	12.3	13.4	14.4	15.4	16.4	17.2	17.9	18.6	19.3	19.9
-42.5°	10.8	11.8	12.9	13.9	14.9	15.8	16.8	17.5	18.1	18.8	19.4
-43.75°	10.5	11.3	12.3	13.3	14.3	15.2	16.2	17.0	17.7	18.3	18.9
-45°	10.1	10.8	11.7	12.7	13.7	14.6	15.6	16.5	17.2	17.8	18.4
-46.25°	9.8	10.4	11.2	12.1	13.1	14.0	14.9	15.8	16.7	17.3	17.9
-47.5°	9.4	10.1	10.7	11.5	12.4	13.4	14.2	15.1	16.0	16.8	17.4
-48.75°	9.1	9.7	10.3	10.9	11.8	12.7	13.6	14.4	15.3	16.1	16.9
-50°	8.7	9.3	9.9	10.5	11.1	12.0	12.9	13.7	14.5	15.3	16.1
-51.25°	8.3	8.9	9.5	10.1	10.6	11.3	12.1	13.0	13.8	14.6	15.3
-52.5°	8.0	8.5	9.1	9.6	10.2	10.7	11.4	12.2	13.0	13.8	14.5
-53.75°	7.6	8.1	8.7	9.2	9.7	10.2	10.8	11.5	12.2	13.0	13.7
-55°	7.2	7.7	8.2	8.7	9.3	9.8	10.3	10.8	11.4	12.1	12.9
-56.25°	6.9	7.3	7.8	8.3	8.8	9.3	9.8	10.2	10.7	11.3	12.0
-57.5°	6.9	6.9	7.4	7.8	8.3	8.8	9.3	9.7	10.2	10.6	11.1
-58.75°	6.9	6.9	6.9	7.4	7.8	8.3	8.7	9.2	9.6	10.1	10.5
-60°	6.9	6.9	6.9	6.9	7.4	7.8	8.2	8.7	9.1	9.5	9.9
-61.25°	6.9	6.9	6.9	6.9	6.9	7.3	7.7	8.1	8.5	8.9	9.3
-62.5°	6.8	6.9	6.9	6.9	6.9	6.9	7.2	7.6	8.0	8.3	8.7
-63.75°	6.6	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.4	7.8	8.1
-65°	6.4	6.6	6.8	6.9	6.9	6.9	6.9	6.9	6.9	7.2	7.5
-66.25°	6.2	6.4	6.5	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-67.5°	6.0	6.1	6.3	6.5	6.6	6.8	6.9	6.9	6.9	6.9	6.9
-68.75°	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.9	6.9	6.9	6.9
-70°	5.6	5.7	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9
-71.25°	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.7
-72.5°	5.2	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.4
-73.75°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
-75°	4.5	4.7	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7
-76.25°	4.0	4.3	4.5	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.1	5.2



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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	5.1	5.2	5.2
78.75°	4.9	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.5	5.5	5.6
77.5°	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9
76.25°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3
75°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7
73.75°	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.9	6.9	6.9
72.5°	6.5	6.6	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9
71.25°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	7.3	7.5	7.7
68.75°	6.9	6.9	6.9	6.9	7.0	7.3	7.6	7.8	8.0	8.3	8.5
67.5°	6.9	6.9	7.2	7.5	7.7	8.0	8.3	8.5	8.8	9.0	9.3
66.25°	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.1
65°	7.8	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6	10.8
63.75°	8.5	8.8	9.1	9.5	9.8	10.1	10.4	10.7	11.1	11.6	12.0
62.5°	9.1	9.4	9.8	10.1	10.5	10.8	11.3	11.8	12.2	12.7	13.1
61.25°	9.7	10.1	10.4	10.8	11.3	11.8	12.3	12.8	13.3	13.8	14.3
60°	10.3	10.7	11.2	11.7	12.3	12.9	13.4	13.9	14.4	14.9	15.4
58.75°	10.9	11.5	12.1	12.7	13.3	13.9	14.4	15.0	15.5	16.0	16.5
57.5°	11.8	12.4	13.1	13.7	14.3	14.9	15.4	16.0	16.5	17.0	17.3
56.25°	12.7	13.4	14.0	14.6	15.2	15.8	16.4	17.0	17.3	17.7	18.1
55°	13.6	14.2	14.9	15.6	16.2	16.8	17.2	17.7	18.1	18.5	18.8
53.75°	14.4	15.1	15.8	16.5	17.0	17.5	17.9	18.3	18.8	19.2	19.6
52.5°	15.3	16.0	16.7	17.2	17.7	18.1	18.6	19.0	19.5	19.9	20.3
51.25°	16.1	16.8	17.3	17.8	18.3	18.8	19.3	19.7	20.2	20.6	21.1
50°	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.3	21.8
48.75°	17.4	18.0	18.5	19.0	19.6	20.1	20.6	21.1	21.6	22.0	22.5
47.5°	18.0	18.5	19.1	19.6	20.2	20.7	21.2	21.7	22.2	22.7	22.8
46.25°	18.5	19.1	19.7	20.2	20.8	21.3	21.9	22.4	22.8	22.8	22.8
45°	19.0	19.6	20.2	20.8	21.4	21.9	22.5	22.8	22.8	22.8	22.8
43.75°	19.6	20.2	20.8	21.4	22.0	22.5	22.8	22.8	22.8	22.8	22.8
42.5°	20.1	20.7	21.3	21.9	22.5	22.8	22.8	22.8	22.8	22.8	22.8
41.25°	20.6	21.2	21.9	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8
40°	21.1	21.7	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5
38.75°	21.6	22.2	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2
37.5°	22.0	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2	21.9
36.25°	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2	21.9	21.6
35°	22.8	22.8	22.8	22.8	22.8	22.8	22.6	22.3	21.9	21.6	21.3



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	22.8	22.8	22.8	22.8	22.8	22.7	22.3	22.0	21.6	21.3	21.0
32.5°	22.8	22.8	22.8	22.8	22.8	22.4	22.1	21.7	21.3	21.0	21.1
31.25°	22.8	22.8	22.8	22.8	22.5	22.2	21.8	21.4	21.1	21.0	21.7
30°	22.8	22.8	22.8	22.7	22.3	21.9	21.5	21.2	20.8	21.5	22.2
28.75°	22.8	22.8	22.8	22.5	22.1	21.7	21.3	20.9	21.3	22.1	22.8
27.5°	22.8	22.8	22.7	22.3	21.9	21.5	21.1	21.0	21.8	22.6	23.3
26.25°	22.8	22.8	22.5	22.1	21.6	21.2	20.8	21.5	22.3	23.1	23.9
25°	22.8	22.7	22.3	21.9	21.4	21.0	21.2	22.0	22.8	23.6	24.4
23.75°	22.8	22.5	22.1	21.7	21.2	20.8	21.6	22.4	23.2	24.1	24.9
22.5°	22.8	22.4	21.9	21.5	21.1	21.1	22.0	22.8	23.7	24.5	25.3
21.25°	22.6	22.2	21.7	21.3	20.9	21.5	22.4	23.2	24.1	24.9	25.8
20°	22.5	22.0	21.6	21.1	21.0	21.9	22.8	23.6	24.5	25.4	26.2
18.75°	22.3	21.9	21.4	21.0	21.3	22.2	23.1	24.0	24.9	25.8	26.6
17.5°	22.2	21.8	21.3	20.8	21.6	22.5	23.4	24.3	25.2	26.1	27.0
16.25°	22.1	21.6	21.2	21.0	21.9	22.8	23.8	24.7	25.6	26.5	27.4
15°	22.0	21.5	21.0	21.3	22.2	23.1	24.1	25.0	25.9	26.8	27.7
13.75°	21.9	21.4	20.9	21.5	22.4	23.4	24.3	25.3	26.2	27.1	28.0
12.5°	21.8	21.3	20.8	21.7	22.7	23.6	24.6	25.5	26.5	27.4	28.3
11.25°	21.7	21.2	21.0	21.9	22.9	23.8	24.8	25.8	26.7	27.6	28.5
10°	21.6	21.1	21.1	22.1	23.1	24.0	25.0	26.0	26.9	27.8	28.8
8.75°	21.5	21.0	21.3	22.3	23.2	24.2	25.2	26.2	27.1	28.0	29.1
7.5°	21.5	21.0	21.4	22.4	23.4	24.4	25.4	26.3	27.3	28.2	29.4
6.25°	21.4	20.9	21.5	22.5	23.5	24.5	25.5	26.5	27.4	28.4	29.6
5°	21.4	20.9	21.6	22.6	23.6	24.6	25.6	26.6	27.5	28.5	29.8
3.75°	21.3	20.8	21.7	22.7	23.7	24.7	25.7	26.7	27.6	28.6	30.0
2.5°	21.3	20.8	21.8	22.8	23.8	24.8	25.8	26.7	27.7	28.6	30.1
1.25°	21.3	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.7	28.7	30.2
0°	21.3	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.7	30.2
-1.25°	21.3	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.7	28.7	30.2
-2.5°	21.3	20.8	21.8	22.8	23.8	24.8	25.8	26.7	27.7	28.6	30.1
-3.75°	21.3	20.8	21.7	22.7	23.7	24.7	25.7	26.7	27.6	28.6	30.0
-5°	21.4	20.9	21.6	22.6	23.6	24.6	25.6	26.6	27.5	28.5	29.8
-6.25°	21.4	20.9	21.5	22.5	23.5	24.5	25.5	26.5	27.4	28.4	29.6
-7.5°	21.5	21.0	21.4	22.4	23.4	24.4	25.4	26.3	27.3	28.2	29.4
-8.75°	21.5	21.0	21.3	22.3	23.2	24.2	25.2	26.2	27.1	28.0	29.1
-10°	21.6	21.1	21.1	22.1	23.1	24.0	25.0	26.0	26.9	27.8	28.8
-11.25°	21.7	21.2	21.0	21.9	22.9	23.8	24.8	25.8	26.7	27.6	28.5
-12.5°	21.8	21.3	20.8	21.7	22.7	23.6	24.6	25.5	26.5	27.4	28.3
-13.75°	21.9	21.4	20.9	21.5	22.4	23.4	24.3	25.3	26.2	27.1	28.0
-15°	22.0	21.5	21.0	21.3	22.2	23.1	24.1	25.0	25.9	26.8	27.7
-16.25°	22.1	21.6	21.2	21.0	21.9	22.8	23.8	24.7	25.6	26.5	27.4
-17.5°	22.2	21.8	21.3	20.8	21.6	22.5	23.4	24.3	25.2	26.1	27.0
-18.75°	22.3	21.9	21.4	21.0	21.3	22.2	23.1	24.0	24.9	25.8	26.6
-20°	22.5	22.0	21.6	21.1	21.0	21.9	22.8	23.6	24.5	25.4	26.2
-21.25°	22.6	22.2	21.7	21.3	20.9	21.5	22.4	23.2	24.1	24.9	25.8



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	22.8	22.4	21.9	21.5	21.1	21.1	22.0	22.8	23.7	24.5	25.3
-23.75°	22.8	22.5	22.1	21.7	21.2	20.8	21.6	22.4	23.2	24.1	24.9
-25°	22.8	22.7	22.3	21.9	21.4	21.0	21.2	22.0	22.8	23.6	24.4
-26.25°	22.8	22.8	22.5	22.1	21.6	21.2	20.8	21.5	22.3	23.1	23.9
-27.5°	22.8	22.8	22.7	22.3	21.9	21.5	21.1	21.0	21.8	22.6	23.3
-28.75°	22.8	22.8	22.8	22.5	22.1	21.7	21.3	20.9	21.3	22.1	22.8
-30°	22.8	22.8	22.8	22.7	22.3	21.9	21.5	21.2	20.8	21.5	22.2
-31.25°	22.8	22.8	22.8	22.8	22.5	22.2	21.8	21.4	21.1	21.0	21.7
-32.5°	22.8	22.8	22.8	22.8	22.8	22.4	22.1	21.7	21.3	21.0	21.1
-33.75°	22.8	22.8	22.8	22.8	22.8	22.7	22.3	22.0	21.6	21.3	21.0
-35°	22.8	22.8	22.8	22.8	22.8	22.8	22.6	22.3	21.9	21.6	21.3
-36.25°	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2	21.9	21.6
-37.5°	22.0	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2	21.9
-38.75°	21.6	22.2	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.2
-40°	21.1	21.7	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5
-41.25°	20.6	21.2	21.9	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-42.5°	20.1	20.7	21.3	21.9	22.5	22.8	22.8	22.8	22.8	22.8	22.8
-43.75°	19.6	20.2	20.8	21.4	22.0	22.5	22.8	22.8	22.8	22.8	22.8
-45°	19.0	19.6	20.2	20.8	21.4	21.9	22.5	22.8	22.8	22.8	22.8
-46.25°	18.5	19.1	19.7	20.2	20.8	21.3	21.9	22.4	22.8	22.8	22.8
-47.5°	18.0	18.5	19.1	19.6	20.2	20.7	21.2	21.7	22.2	22.7	22.8
-48.75°	17.4	18.0	18.5	19.0	19.6	20.1	20.6	21.1	21.6	22.0	22.5
-50°	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.3	21.8
-51.25°	16.1	16.8	17.3	17.8	18.3	18.8	19.3	19.7	20.2	20.6	21.1
-52.5°	15.3	16.0	16.7	17.2	17.7	18.1	18.6	19.0	19.5	19.9	20.3
-53.75°	14.4	15.1	15.8	16.5	17.0	17.5	17.9	18.3	18.8	19.2	19.6
-55°	13.6	14.2	14.9	15.6	16.2	16.8	17.2	17.7	18.1	18.5	18.8
-56.25°	12.7	13.4	14.0	14.6	15.2	15.8	16.4	17.0	17.3	17.7	18.1
-57.5°	11.8	12.4	13.1	13.7	14.3	14.9	15.4	16.0	16.5	17.0	17.3
-58.75°	10.9	11.5	12.1	12.7	13.3	13.9	14.4	15.0	15.5	16.0	16.5
-60°	10.3	10.7	11.2	11.7	12.3	12.9	13.4	13.9	14.4	14.9	15.4
-61.25°	9.7	10.1	10.4	10.8	11.3	11.8	12.3	12.8	13.3	13.8	14.3
-62.5°	9.1	9.4	9.8	10.1	10.5	10.8	11.3	11.8	12.2	12.7	13.1
-63.75°	8.5	8.8	9.1	9.5	9.8	10.1	10.4	10.7	11.1	11.6	12.0
-65°	7.8	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6	10.8
-66.25°	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.1
-67.5°	6.9	6.9	7.2	7.5	7.7	8.0	8.3	8.5	8.8	9.0	9.3
-68.75°	6.9	6.9	6.9	6.9	7.0	7.3	7.6	7.8	8.0	8.3	8.5
-70°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	7.3	7.5	7.7
-71.25°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-72.5°	6.5	6.6	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-73.75°	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.9	6.9	6.9
-75°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7
-76.25°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3
-77.5°	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.5	5.5	5.6
-80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.1	5.2	5.2
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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	5.0	5.1	5.1	5.1	5.2	5.2	5.2
80°	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6
78.75°	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1
77.5°	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5
76.25°	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9
75°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
73.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	6.9	6.9	6.9	6.9	7.0	7.1	7.3	7.4	7.6	7.7	7.8
71.25°	7.1	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.4	8.6	8.7
70°	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6
68.75°	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.2	10.4	10.6
67.5°	9.5	9.7	10.0	10.2	10.4	10.6	10.8	11.0	11.3	11.5	11.7
66.25°	10.3	10.6	10.8	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.1
65°	11.2	11.6	12.0	12.3	12.7	13.0	13.3	13.6	13.9	14.2	14.5
63.75°	12.4	12.8	13.2	13.6	13.9	14.3	14.6	14.9	15.2	15.5	15.8
62.5°	13.6	14.0	14.4	14.8	15.1	15.5	15.8	16.2	16.5	16.8	17.0
61.25°	14.7	15.1	15.6	16.0	16.4	16.7	17.0	17.2	17.5	17.7	17.9
60°	15.8	16.3	16.7	17.0	17.3	17.6	17.9	18.1	18.4	18.6	18.8
58.75°	16.9	17.2	17.6	17.9	18.2	18.4	18.7	19.0	19.2	19.5	19.7
57.5°	17.7	18.0	18.4	18.7	19.0	19.3	19.6	19.8	20.1	20.4	20.6
56.25°	18.5	18.8	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.5
55°	19.2	19.6	19.9	20.3	20.6	21.0	21.3	21.6	21.9	22.1	22.4
53.75°	20.0	20.4	20.7	21.1	21.4	21.8	22.1	22.4	22.7	22.8	22.8
52.5°	20.7	21.1	21.5	21.9	22.3	22.6	22.8	22.8	22.8	22.8	22.8
51.25°	21.5	21.9	22.3	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8
50°	22.2	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
48.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
47.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.5	22.4
46.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.5	22.3	22.1	21.9
45°	22.8	22.8	22.8	22.8	22.7	22.5	22.3	22.1	21.9	21.7	21.5
43.75°	22.8	22.8	22.8	22.5	22.3	22.1	21.9	21.6	21.4	21.2	21.1
42.5°	22.8	22.7	22.4	22.2	21.9	21.7	21.5	21.2	21.0	20.8	21.1
41.25°	22.6	22.3	22.1	21.8	21.5	21.3	21.1	20.8	21.2	21.6	22.0
40°	22.3	22.0	21.7	21.4	21.2	20.9	21.0	21.5	22.0	22.4	22.8
38.75°	21.9	21.6	21.3	21.1	20.8	21.3	21.8	22.3	22.8	23.2	23.7
37.5°	21.6	21.3	21.0	21.0	21.5	22.1	22.6	23.1	23.6	24.1	24.5
36.25°	21.3	21.0	21.1	21.7	22.2	22.8	23.3	23.9	24.4	24.9	25.3
35°	20.9	21.1	21.8	22.4	22.9	23.5	24.1	24.6	25.1	25.7	26.1



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	21.1	21.8	22.4	23.0	23.6	24.2	24.8	25.4	25.9	26.4	26.9
32.5°	21.8	22.4	23.1	23.7	24.3	24.9	25.5	26.1	26.7	27.2	27.7
31.25°	22.4	23.0	23.7	24.4	25.0	25.6	26.3	26.8	27.4	27.9	28.4
30°	22.9	23.6	24.3	25.0	25.7	26.3	26.9	27.5	28.1	28.7	29.5
28.75°	23.5	24.2	24.9	25.6	26.3	27.0	27.6	28.2	28.8	29.7	30.6
27.5°	24.1	24.8	25.5	26.3	26.9	27.6	28.2	28.9	29.9	30.8	31.8
26.25°	24.6	25.4	26.1	26.8	27.5	28.2	28.9	30.0	30.9	32.1	33.6
25°	25.1	25.9	26.7	27.4	28.1	28.8	29.9	30.9	32.1	33.8	35.4
23.75°	25.7	26.4	27.2	27.9	28.7	29.7	30.8	32.1	33.8	35.5	37.3
22.5°	26.1	26.9	27.7	28.4	29.5	30.6	31.8	33.6	35.4	37.3	39.3
21.25°	26.6	27.4	28.2	29.1	30.3	31.5	33.2	35.1	37.0	39.2	41.3
20°	27.1	27.9	28.6	29.8	31.1	32.6	34.6	36.6	38.8	41.0	43.6
18.75°	27.5	28.3	29.3	30.6	31.9	33.9	36.0	38.2	40.5	42.9	46.8
17.5°	27.8	28.7	30.0	31.2	33.1	35.2	37.3	39.8	42.2	45.8	51.2
16.25°	28.2	29.3	30.6	32.0	34.2	36.3	38.8	41.3	44.5	49.5	61.9
15°	28.5	29.8	31.2	33.0	35.2	37.6	40.1	42.7	47.2	55.2	77.0
13.75°	29.0	30.3	31.7	34.0	36.2	38.8	41.4	45.0	50.6	66.8	97.4
12.5°	29.4	30.8	32.6	34.9	37.2	39.9	42.6	47.3	56.8	81.9	122.2
11.25°	29.8	31.3	33.3	35.7	38.2	41.0	44.4	50.1	66.4	98.7	147.6
10°	30.2	31.7	34.0	36.4	39.1	41.9	46.1	53.2	77.6	118.8	178.4
8.75°	30.6	32.2	34.6	37.1	39.9	42.8	48.0	60.6	90.6	138.5	206.5
7.5°	30.9	32.7	35.2	37.8	40.6	44.1	50.0	67.1	102.1	158.5	234.7
6.25°	31.1	33.2	35.6	38.3	41.2	45.1	51.6	73.5	115.8	178.6	259.5
5°	31.3	33.6	36.0	38.8	41.7	46.0	54.1	81.3	127.6	195.3	280.0
3.75°	31.5	33.8	36.3	39.2	42.1	46.8	57.5	87.3	136.8	208.4	298.8
2.5°	31.6	34.0	36.5	39.4	42.4	47.5	60.0	91.7	143.4	219.1	312.5
1.25°	31.7	34.2	36.7	39.6	42.5	47.9	61.5	94.3	147.4	225.7	320.8
0°	31.7	34.2	36.7	39.7	42.6	48.1	62.0	95.2	148.7	228.0	323.6
-1.25°	31.7	34.2	36.7	39.6	42.5	47.9	61.5	94.3	147.4	225.7	320.8
-2.5°	31.6	34.0	36.5	39.4	42.4	47.5	60.0	91.7	143.4	219.1	312.5
-3.75°	31.5	33.8	36.3	39.2	42.1	46.8	57.5	87.3	136.8	208.4	298.8
-5°	31.3	33.6	36.0	38.8	41.7	46.0	54.1	81.3	127.6	195.3	280.0
-6.25°	31.1	33.2	35.6	38.3	41.2	45.1	51.6	73.5	115.8	178.6	259.5
-7.5°	30.9	32.7	35.2	37.8	40.6	44.1	50.0	67.1	102.1	158.5	234.7
-8.75°	30.6	32.2	34.6	37.1	39.9	42.8	48.0	60.6	90.6	138.5	206.5
-10°	30.2	31.7	34.0	36.4	39.1	41.9	46.1	53.2	77.6	118.8	178.4
-11.25°	29.8	31.3	33.3	35.7	38.2	41.0	44.4	50.1	66.4	98.7	147.6
-12.5°	29.4	30.8	32.6	34.9	37.2	39.9	42.6	47.3	56.8	81.9	122.2
-13.75°	29.0	30.3	31.7	34.0	36.2	38.8	41.4	45.0	50.6	66.8	97.4
-15°	28.5	29.8	31.2	33.0	35.2	37.6	40.1	42.7	47.2	55.2	77.0
-16.25°	28.2	29.3	30.6	32.0	34.2	36.3	38.8	41.3	44.5	49.5	61.9
-17.5°	27.8	28.7	30.0	31.2	33.1	35.2	37.3	39.8	42.2	45.8	51.2
-18.75°	27.5	28.3	29.3	30.6	31.9	33.9	36.0	38.2	40.5	42.9	46.8
-20°	27.1	27.9	28.6	29.8	31.1	32.6	34.6	36.6	38.8	41.0	43.6
-21.25°	26.6	27.4	28.2	29.1	30.3	31.5	33.2	35.1	37.0	39.2	41.3





REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	26.1	26.9	27.7	28.4	29.5	30.6	31.8	33.6	35.4	37.3	39.3
-23.75°	25.7	26.4	27.2	27.9	28.7	29.7	30.8	32.1	33.8	35.5	37.3
-25°	25.1	25.9	26.7	27.4	28.1	28.8	29.9	30.9	32.1	33.8	35.4
-26.25°	24.6	25.4	26.1	26.8	27.5	28.2	28.9	30.0	30.9	32.1	33.6
-27.5°	24.1	24.8	25.5	26.3	26.9	27.6	28.2	28.9	29.9	30.8	31.8
-28.75°	23.5	24.2	24.9	25.6	26.3	27.0	27.6	28.2	28.8	29.7	30.6
-30°	22.9	23.6	24.3	25.0	25.7	26.3	26.9	27.5	28.1	28.7	29.5
-31.25°	22.4	23.0	23.7	24.4	25.0	25.6	26.3	26.8	27.4	27.9	28.4
-32.5°	21.8	22.4	23.1	23.7	24.3	24.9	25.5	26.1	26.7	27.2	27.7
-33.75°	21.1	21.8	22.4	23.0	23.6	24.2	24.8	25.4	25.9	26.4	26.9
-35°	20.9	21.1	21.8	22.4	22.9	23.5	24.1	24.6	25.1	25.7	26.1
-36.25°	21.3	21.0	21.1	21.7	22.2	22.8	23.3	23.9	24.4	24.9	25.3
-37.5°	21.6	21.3	21.0	21.0	21.5	22.1	22.6	23.1	23.6	24.1	24.5
-38.75°	21.9	21.6	21.3	21.1	20.8	21.3	21.8	22.3	22.8	23.2	23.7
-40°	22.3	22.0	21.7	21.4	21.2	20.9	21.0	21.5	22.0	22.4	22.8
-41.25°	22.6	22.3	22.1	21.8	21.5	21.3	21.1	20.8	21.2	21.6	22.0
-42.5°	22.8	22.7	22.4	22.2	21.9	21.7	21.5	21.2	21.0	20.8	21.1
-43.75°	22.8	22.8	22.8	22.5	22.3	22.1	21.9	21.6	21.4	21.2	21.1
-45°	22.8	22.8	22.8	22.8	22.7	22.5	22.3	22.1	21.9	21.7	21.5
-46.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.5	22.3	22.1	21.9
-47.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.5	22.4
-48.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-50°	22.2	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-51.25°	21.5	21.9	22.3	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-52.5°	20.7	21.1	21.5	21.9	22.3	22.6	22.8	22.8	22.8	22.8	22.8
-53.75°	20.0	20.4	20.7	21.1	21.4	21.8	22.1	22.4	22.7	22.8	22.8
-55°	19.2	19.6	19.9	20.3	20.6	21.0	21.3	21.6	21.9	22.1	22.4
-56.25°	18.5	18.8	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.5
-57.5°	17.7	18.0	18.4	18.7	19.0	19.3	19.6	19.8	20.1	20.4	20.6
-58.75°	16.9	17.2	17.6	17.9	18.2	18.4	18.7	19.0	19.2	19.5	19.7
-60°	15.8	16.3	16.7	17.0	17.3	17.6	17.9	18.1	18.4	18.6	18.8
-61.25°	14.7	15.1	15.6	16.0	16.4	16.7	17.0	17.2	17.5	17.7	17.9
-62.5°	13.6	14.0	14.4	14.8	15.1	15.5	15.8	16.2	16.5	16.8	17.0
-63.75°	12.4	12.8	13.2	13.6	13.9	14.3	14.6	14.9	15.2	15.5	15.8
-65°	11.2	11.6	12.0	12.3	12.7	13.0	13.3	13.6	13.9	14.2	14.5
-66.25°	10.3	10.6	10.8	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.1
-67.5°	9.5	9.7	10.0	10.2	10.4	10.6	10.8	11.0	11.3	11.5	11.7
-68.75°	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.2	10.4	10.6
-70°	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6
-71.25°	7.1	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.4	8.6	8.7
-72.5°	6.9	6.9	6.9	6.9	7.0	7.1	7.3	7.4	7.6	7.7	7.8
-73.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-75°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-76.25°	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9
-77.5°	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0	6.0	6.1
-80°	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6
-81.25°	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.2	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4
80°	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.9
78.75°	6.1	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3
77.5°	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8
76.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
73.75°	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.7
72.5°	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.7
71.25°	8.8	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.7
70°	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7
68.75°	10.7	10.8	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.0	12.1
67.5°	12.0	12.2	12.4	12.6	12.8	12.9	13.1	13.2	13.4	13.5	13.6
66.25°	13.4	13.6	13.8	14.0	14.2	14.4	14.5	14.7	14.8	14.9	15.0
65°	14.7	14.9	15.2	15.4	15.6	15.7	15.9	16.1	16.2	16.3	16.4
63.75°	16.0	16.3	16.5	16.7	16.9	17.0	17.2	17.3	17.4	17.5	17.5
62.5°	17.2	17.4	17.5	17.7	17.9	18.0	18.1	18.2	18.3	18.4	18.5
61.25°	18.1	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4	19.5
60°	19.0	19.2	19.4	19.6	19.7	19.9	20.0	20.2	20.3	20.4	20.5
58.75°	19.9	20.1	20.3	20.5	20.7	20.9	21.0	21.1	21.3	21.4	21.5
57.5°	20.8	21.1	21.3	21.5	21.6	21.8	22.0	22.1	22.2	22.4	22.5
56.25°	21.7	22.0	22.2	22.4	22.6	22.8	22.8	22.8	22.8	22.8	22.8
55°	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
53.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
51.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.7	22.6	22.5
50°	22.8	22.8	22.8	22.7	22.6	22.4	22.3	22.3	22.2	22.1	22.0
48.75°	22.6	22.5	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.6	21.5
47.5°	22.2	22.0	21.9	21.8	21.6	21.5	21.4	21.3	21.2	21.1	21.0
46.25°	21.7	21.6	21.4	21.3	21.2	21.0	20.9	20.8	21.0	21.1	21.3
45°	21.3	21.1	21.0	20.8	21.0	21.3	21.5	21.7	21.9	22.1	22.3
43.75°	20.9	21.0	21.3	21.6	21.9	22.2	22.4	22.7	22.9	23.1	23.2
42.5°	21.5	21.9	22.2	22.5	22.8	23.1	23.4	23.6	23.8	24.0	24.2
41.25°	22.4	22.8	23.1	23.4	23.8	24.1	24.3	24.6	24.8	25.0	25.2
40°	23.2	23.6	24.0	24.3	24.7	25.0	25.3	25.5	25.8	26.0	26.2
38.75°	24.1	24.5	24.9	25.2	25.6	25.9	26.2	26.5	26.7	26.9	27.1
37.5°	24.9	25.4	25.8	26.1	26.5	26.8	27.1	27.4	27.6	27.8	28.0
36.25°	25.8	26.2	26.6	27.0	27.4	27.7	28.0	28.3	28.5	28.8	29.1
35°	26.6	27.1	27.5	27.8	28.2	28.5	29.0	29.4	29.8	30.2	30.6



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	27.4	27.9	28.3	28.7	29.3	29.8	30.3	30.8	31.3	31.7	32.2
32.5°	28.2	28.6	29.3	30.0	30.6	31.2	31.7	32.6	33.3	34.0	34.6
31.25°	29.1	29.8	30.6	31.2	32.0	33.0	34.0	34.9	35.7	36.4	37.1
30°	30.3	31.1	31.9	33.1	34.2	35.2	36.2	37.2	38.2	39.1	39.9
28.75°	31.5	32.6	33.9	35.2	36.3	37.6	38.8	39.9	41.0	41.9	42.8
27.5°	33.2	34.6	36.0	37.3	38.8	40.1	41.4	42.6	44.4	46.1	48.0
26.25°	35.1	36.6	38.2	39.8	41.3	42.7	45.0	47.3	50.1	53.2	60.6
25°	37.0	38.8	40.5	42.2	44.5	47.2	50.6	56.8	66.4	77.6	90.6
23.75°	39.2	41.0	42.9	45.8	49.5	55.2	66.8	81.9	98.7	118.8	138.5
22.5°	41.3	43.6	46.8	51.2	61.9	77.0	97.4	122.2	147.6	178.4	206.5
21.25°	43.8	47.4	52.2	66.3	86.6	111.8	142.5	179.0	215.7	253.9	289.6
20°	47.4	52.7	68.6	92.4	123.3	160.1	203.3	249.5	295.5	343.1	387.3
18.75°	52.2	68.6	94.4	129.0	172.1	221.4	274.1	331.2	387.0	440.2	492.1
17.5°	66.3	92.4	129.0	176.1	231.0	290.3	355.4	420.0	483.8	546.3	605.1
16.25°	86.6	123.3	172.1	231.0	296.3	367.8	440.1	514.5	587.2	656.1	720.2
15°	111.8	160.1	221.4	290.3	367.8	446.8	530.1	612.4	691.6	765.7	828.7
13.75°	142.5	203.3	274.1	355.4	440.1	530.1	620.9	709.5	791.6	864.2	926.0
12.5°	179.0	249.5	331.2	420.0	514.5	612.4	709.5	800.4	881.0	952.0	1012.8
11.25°	215.7	295.5	387.0	483.8	587.2	691.6	791.6	881.0	960.2	1030.1	1097.5
10°	253.9	343.1	440.2	546.3	656.1	765.7	864.2	952.0	1030.1	1107.0	1189.5
8.75°	289.6	387.3	492.1	605.1	720.2	828.7	926.0	1012.8	1097.5	1189.5	1282.1
7.5°	325.6	427.6	539.7	657.8	776.3	883.2	979.1	1069.4	1166.1	1269.0	1369.2
6.25°	356.5	463.3	582.0	704.4	822.4	928.7	1024.3	1120.6	1230.6	1341.3	1447.5
5°	383.2	495.5	617.7	743.4	860.9	965.5	1063.7	1170.7	1287.5	1403.9	1514.6
3.75°	404.7	520.9	646.0	773.4	889.1	993.7	1095.3	1211.0	1333.6	1454.0	1569.1
2.5°	420.1	539.2	666.6	794.0	909.6	1014.2	1118.9	1241.5	1367.6	1490.9	1609.9
1.25°	429.5	550.3	679.2	806.6	922.0	1026.6	1135.3	1260.3	1388.5	1513.7	1635.5
0°	432.6	554.0	683.4	810.8	926.2	1030.8	1140.8	1266.7	1395.5	1521.4	1644.3
-1.25°	429.5	550.3	679.2	806.6	922.0	1026.6	1135.3	1260.3	1388.5	1513.7	1635.5
-2.5°	420.1	539.2	666.6	794.0	909.6	1014.2	1118.9	1241.5	1367.6	1490.9	1609.9
-3.75°	404.7	520.9	646.0	773.4	889.1	993.7	1095.3	1211.0	1333.6	1454.0	1569.1
-5°	383.2	495.5	617.7	743.4	860.9	965.5	1063.7	1170.7	1287.5	1403.9	1514.6
-6.25°	356.5	463.3	582.0	704.4	822.4	928.7	1024.3	1120.6	1230.6	1341.3	1447.5
-7.5°	325.6	427.6	539.7	657.8	776.3	883.2	979.1	1069.4	1166.1	1269.0	1369.2
-8.75°	289.6	387.3	492.1	605.1	720.2	828.7	926.0	1012.8	1097.5	1189.5	1282.1
-10°	253.9	343.1	440.2	546.3	656.1	765.7	864.2	952.0	1030.1	1107.0	1189.5
-11.25°	215.7	295.5	387.0	483.8	587.2	691.6	791.6	881.0	960.2	1030.1	1097.5
-12.5°	179.0	249.5	331.2	420.0	514.5	612.4	709.5	800.4	881.0	952.0	1012.8
-13.75°	142.5	203.3	274.1	355.4	440.1	530.1	620.9	709.5	791.6	864.2	926.0
-15°	111.8	160.1	221.4	290.3	367.8	446.8	530.1	612.4	691.6	765.7	828.7
-16.25°	86.6	123.3	172.1	231.0	296.3	367.8	440.1	514.5	587.2	656.1	720.2
-17.5°	66.3	92.4	129.0	176.1	231.0	290.3	355.4	420.0	483.8	546.3	605.1
-18.75°	52.2	68.6	94.4	129.0	172.1	221.4	274.1	331.2	387.0	440.2	492.1
-20°	47.4	52.7	68.6	92.4	123.3	160.1	203.3	249.5	295.5	343.1	387.3
-21.25°	43.8	47.4	52.2	66.3	86.6	111.8	142.5	179.0	215.7	253.9	289.6



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	41.3	43.6	46.8	51.2	61.9	77.0	97.4	122.2	147.6	178.4	206.5
-23.75°	39.2	41.0	42.9	45.8	49.5	55.2	66.8	81.9	98.7	118.8	138.5
-25°	37.0	38.8	40.5	42.2	44.5	47.2	50.6	56.8	66.4	77.6	90.6
-26.25°	35.1	36.6	38.2	39.8	41.3	42.7	45.0	47.3	50.1	53.2	60.6
-27.5°	33.2	34.6	36.0	37.3	38.8	40.1	41.4	42.6	44.4	46.1	48.0
-28.75°	31.5	32.6	33.9	35.2	36.3	37.6	38.8	39.9	41.0	41.9	42.8
-30°	30.3	31.1	31.9	33.1	34.2	35.2	36.2	37.2	38.2	39.1	39.9
-31.25°	29.1	29.8	30.6	31.2	32.0	33.0	34.0	34.9	35.7	36.4	37.1
-32.5°	28.2	28.6	29.3	30.0	30.6	31.2	31.7	32.6	33.3	34.0	34.6
-33.75°	27.4	27.9	28.3	28.7	29.3	29.8	30.3	30.8	31.3	31.7	32.2
-35°	26.6	27.1	27.5	27.8	28.2	28.5	29.0	29.4	29.8	30.2	30.6
-36.25°	25.8	26.2	26.6	27.0	27.4	27.7	28.0	28.3	28.5	28.8	29.1
-37.5°	24.9	25.4	25.8	26.1	26.5	26.8	27.1	27.4	27.6	27.8	28.0
-38.75°	24.1	24.5	24.9	25.2	25.6	25.9	26.2	26.5	26.7	26.9	27.1
-40°	23.2	23.6	24.0	24.3	24.7	25.0	25.3	25.5	25.8	26.0	26.2
-41.25°	22.4	22.8	23.1	23.4	23.8	24.1	24.3	24.6	24.8	25.0	25.2
-42.5°	21.5	21.9	22.2	22.5	22.8	23.1	23.4	23.6	23.8	24.0	24.2
-43.75°	20.9	21.0	21.3	21.6	21.9	22.2	22.4	22.7	22.9	23.1	23.2
-45°	21.3	21.1	21.0	20.8	21.0	21.3	21.5	21.7	21.9	22.1	22.3
-46.25°	21.7	21.6	21.4	21.3	21.2	21.0	20.9	20.8	21.0	21.1	21.3
-47.5°	22.2	22.0	21.9	21.8	21.6	21.5	21.4	21.3	21.2	21.1	21.0
-48.75°	22.6	22.5	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.6	21.5
-50°	22.8	22.8	22.8	22.7	22.6	22.4	22.3	22.3	22.2	22.1	22.0
-51.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.7	22.6	22.5
-52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-53.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-55°	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-56.25°	21.7	22.0	22.2	22.4	22.6	22.8	22.8	22.8	22.8	22.8	22.8
-57.5°	20.8	21.1	21.3	21.5	21.6	21.8	22.0	22.1	22.2	22.4	22.5
-58.75°	19.9	20.1	20.3	20.5	20.7	20.9	21.0	21.1	21.3	21.4	21.5
-60°	19.0	19.2	19.4	19.6	19.7	19.9	20.0	20.2	20.3	20.4	20.5
-61.25°	18.1	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.3	19.4	19.5
-62.5°	17.2	17.4	17.5	17.7	17.9	18.0	18.1	18.2	18.3	18.4	18.5
-63.75°	16.0	16.3	16.5	16.7	16.9	17.0	17.2	17.3	17.4	17.5	17.5
-65°	14.7	14.9	15.2	15.4	15.6	15.7	15.9	16.1	16.2	16.3	16.4
-66.25°	13.4	13.6	13.8	14.0	14.2	14.4	14.5	14.7	14.8	14.9	15.0
-67.5°	12.0	12.2	12.4	12.6	12.8	12.9	13.1	13.2	13.4	13.5	13.6
-68.75°	10.7	10.8	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.0	12.1
-70°	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7
-71.25°	8.8	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.7
-72.5°	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.7
-73.75°	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.7
-75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-76.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-77.5°	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	6.1	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3
-80°	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.9
-81.25°	5.2	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4
80°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
78.75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
76.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
73.75°	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8
72.5°	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8
71.25°	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8
70°	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
68.75°	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.3	12.3
67.5°	13.7	13.7	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.8	13.8
66.25°	15.1	15.2	15.2	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.2
65°	16.5	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
63.75°	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7
62.5°	18.6	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
61.25°	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.7	19.7
60°	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.7	20.7
58.75°	21.6	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.7	21.7
57.5°	22.6	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.7
56.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
55°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
53.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
51.25°	22.5	22.4	22.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4
50°	22.0	21.9	21.9	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.9
48.75°	21.5	21.4	21.4	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.4
47.5°	21.0	20.9	20.9	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.9
46.25°	21.4	21.5	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.7	21.6
45°	22.4	22.5	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.6
43.75°	23.4	23.5	23.6	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.6
42.5°	24.4	24.5	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.6
41.25°	25.4	25.5	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.6
40°	26.3	26.5	26.6	26.7	26.7	26.8	26.8	26.8	26.7	26.7	26.6
38.75°	27.3	27.4	27.5	27.6	27.7	27.7	27.8	27.7	27.7	27.6	27.5
37.5°	28.2	28.4	28.5	28.6	28.6	28.7	28.7	28.7	28.6	28.6	28.5
36.25°	29.4	29.6	29.8	30.0	30.1	30.2	30.2	30.2	30.1	30.0	29.8
35°	30.9	31.1	31.3	31.5	31.6	31.7	31.7	31.7	31.6	31.5	31.3



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	32.7	33.2	33.6	33.8	34.0	34.2	34.2	34.2	34.0	33.8	33.6
32.5°	35.2	35.6	36.0	36.3	36.5	36.7	36.7	36.7	36.5	36.3	36.0
31.25°	37.8	38.3	38.8	39.2	39.4	39.6	39.7	39.6	39.4	39.2	38.8
30°	40.6	41.2	41.7	42.1	42.4	42.5	42.6	42.5	42.4	42.1	41.7
28.75°	44.1	45.1	46.0	46.8	47.5	47.9	48.1	47.9	47.5	46.8	46.0
27.5°	50.0	51.6	54.1	57.5	60.0	61.5	62.0	61.5	60.0	57.5	54.1
26.25°	67.1	73.5	81.3	87.3	91.7	94.3	95.2	94.3	91.7	87.3	81.3
25°	102.1	115.8	127.6	136.8	143.4	147.4	148.7	147.4	143.4	136.8	127.6
23.75°	158.5	178.6	195.3	208.4	219.1	225.7	228.0	225.7	219.1	208.4	195.3
22.5°	234.7	259.5	280.0	298.8	312.5	320.8	323.6	320.8	312.5	298.8	280.0
21.25°	325.6	356.5	383.2	404.7	420.1	429.5	432.6	429.5	420.1	404.7	383.2
20°	427.6	463.3	495.5	520.9	539.2	550.3	554.0	550.3	539.2	520.9	495.5
18.75°	539.7	582.0	617.7	646.0	666.6	679.2	683.4	679.2	666.6	646.0	617.7
17.5°	657.8	704.4	743.4	773.4	794.0	806.6	810.8	806.6	794.0	773.4	743.4
16.25°	776.3	822.4	860.9	889.1	909.6	922.0	926.2	922.0	909.6	889.1	860.9
15°	883.2	928.7	965.5	993.7	1014.2	1026.6	1030.8	1026.6	1014.2	993.7	965.5
13.75°	979.1	1024.3	1063.7	1095.3	1118.9	1135.3	1140.8	1135.3	1118.9	1095.3	1063.7
12.5°	1069.4	1120.6	1170.7	1211.0	1241.5	1260.3	1266.7	1260.3	1241.5	1211.0	1170.7
11.25°	1166.1	1230.6	1287.5	1333.6	1367.6	1388.5	1395.5	1388.5	1367.6	1333.6	1287.5
10°	1269.0	1341.3	1403.9	1454.0	1490.9	1513.7	1521.4	1513.7	1490.9	1454.0	1403.9
8.75°	1369.2	1447.5	1514.6	1569.1	1609.9	1635.5	1644.3	1635.5	1609.9	1569.1	1514.6
7.5°	1462.2	1545.8	1618.9	1680.9	1727.2	1754.0	1763.2	1754.0	1727.2	1680.9	1618.9
6.25°	1545.8	1636.3	1718.8	1782.4	1829.2	1857.5	1867.3	1857.5	1829.2	1782.4	1718.8
5°	1618.9	1718.8	1801.9	1867.5	1913.6	1941.6	1951.5	1941.6	1913.6	1867.5	1801.9
3.75°	1680.9	1782.4	1867.5	1932.1	1977.9	2006.4	2012.5	2006.4	1977.9	1932.1	1867.5
2.5°	1727.2	1829.2	1913.6	1977.9	2018.9	2038.7	2044.2	2038.7	2018.9	1977.9	1913.6
1.25°	1754.0	1857.5	1941.6	2006.4	2038.7	2056.6	2063.3	2056.6	2038.7	2006.4	1941.6
0°	1763.2	1867.3	1951.5	2012.5	2044.2	2063.3	2070.5	2063.3	2044.2	2012.5	1951.5
-1.25°	1754.0	1857.5	1941.6	2006.4	2038.7	2056.6	2063.3	2056.6	2038.7	2006.4	1941.6
-2.5°	1727.2	1829.2	1913.6	1977.9	2018.9	2038.7	2044.2	2038.7	2018.9	1977.9	1913.6
-3.75°	1680.9	1782.4	1867.5	1932.1	1977.9	2006.4	2012.5	2006.4	1977.9	1932.1	1867.5
-5°	1618.9	1718.8	1801.9	1867.5	1913.6	1941.6	1951.5	1941.6	1913.6	1867.5	1801.9
-6.25°	1545.8	1636.3	1718.8	1782.4	1829.2	1857.5	1867.3	1857.5	1829.2	1782.4	1718.8
-7.5°	1462.2	1545.8	1618.9	1680.9	1727.2	1754.0	1763.2	1754.0	1727.2	1680.9	1618.9
-8.75°	1369.2	1447.5	1514.6	1569.1	1609.9	1635.5	1644.3	1635.5	1609.9	1569.1	1514.6
-10°	1269.0	1341.3	1403.9	1454.0	1490.9	1513.7	1521.4	1513.7	1490.9	1454.0	1403.9
-11.25°	1166.1	1230.6	1287.5	1333.6	1367.6	1388.5	1395.5	1388.5	1367.6	1333.6	1287.5
-12.5°	1069.4	1120.6	1170.7	1211.0	1241.5	1260.3	1266.7	1260.3	1241.5	1211.0	1170.7
-13.75°	979.1	1024.3	1063.7	1095.3	1118.9	1135.3	1140.8	1135.3	1118.9	1095.3	1063.7
-15°	883.2	928.7	965.5	993.7	1014.2	1026.6	1030.8	1026.6	1014.2	993.7	965.5
-16.25°	776.3	822.4	860.9	889.1	909.6	922.0	926.2	922.0	909.6	889.1	860.9
-17.5°	657.8	704.4	743.4	773.4	794.0	806.6	810.8	806.6	794.0	773.4	743.4
-18.75°	539.7	582.0	617.7	646.0	666.6	679.2	683.4	679.2	666.6	646.0	617.7
-20°	427.6	463.3	495.5	520.9	539.2	550.3	554.0	550.3	539.2	520.9	495.5
-21.25°	325.6	356.5	383.2	404.7	420.1	429.5	432.6	429.5	420.1	404.7	383.2





REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	234.7	259.5	280.0	298.8	312.5	320.8	323.6	320.8	312.5	298.8	280.0
-23.75°	158.5	178.6	195.3	208.4	219.1	225.7	228.0	225.7	219.1	208.4	195.3
-25°	102.1	115.8	127.6	136.8	143.4	147.4	148.7	147.4	143.4	136.8	127.6
-26.25°	67.1	73.5	81.3	87.3	91.7	94.3	95.2	94.3	91.7	87.3	81.3
-27.5°	50.0	51.6	54.1	57.5	60.0	61.5	62.0	61.5	60.0	57.5	54.1
-28.75°	44.1	45.1	46.0	46.8	47.5	47.9	48.1	47.9	47.5	46.8	46.0
-30°	40.6	41.2	41.7	42.1	42.4	42.5	42.6	42.5	42.4	42.1	41.7
-31.25°	37.8	38.3	38.8	39.2	39.4	39.6	39.7	39.6	39.4	39.2	38.8
-32.5°	35.2	35.6	36.0	36.3	36.5	36.7	36.7	36.7	36.5	36.3	36.0
-33.75°	32.7	33.2	33.6	33.8	34.0	34.2	34.2	34.2	34.0	33.8	33.6
-35°	30.9	31.1	31.3	31.5	31.6	31.7	31.7	31.7	31.6	31.5	31.3
-36.25°	29.4	29.6	29.8	30.0	30.1	30.2	30.2	30.2	30.1	30.0	29.8
-37.5°	28.2	28.4	28.5	28.6	28.6	28.7	28.7	28.7	28.6	28.6	28.5
-38.75°	27.3	27.4	27.5	27.6	27.7	27.7	27.8	27.7	27.7	27.6	27.5
-40°	26.3	26.5	26.6	26.7	26.7	26.8	26.8	26.8	26.7	26.7	26.6
-41.25°	25.4	25.5	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.6
-42.5°	24.4	24.5	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.6
-43.75°	23.4	23.5	23.6	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.6
-45°	22.4	22.5	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.6
-46.25°	21.4	21.5	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.7	21.6
-47.5°	21.0	20.9	20.9	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.9
-48.75°	21.5	21.4	21.4	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.4
-50°	22.0	21.9	21.9	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.9
-51.25°	22.5	22.4	22.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4
-52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-53.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-55°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-56.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-57.5°	22.6	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.7
-58.75°	21.6	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.7	21.7
-60°	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.7	20.7
-61.25°	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.7	19.7
-62.5°	18.6	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
-63.75°	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7
-65°	16.5	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
-66.25°	15.1	15.2	15.2	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.2
-67.5°	13.7	13.7	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.8	13.8
-68.75°	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.3	12.3
-70°	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
-71.25°	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8
-72.5°	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8
-73.75°	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8
-75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-76.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-77.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-80°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
-81.25°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
80°	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7
78.75°	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2
77.5°	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6
76.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
73.75°	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2
72.5°	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.2	8.1
71.25°	9.8	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1
70°	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.0
68.75°	12.2	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.3	11.2	11.0
67.5°	13.7	13.7	13.6	13.5	13.4	13.2	13.1	12.9	12.8	12.6	12.4
66.25°	15.2	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.2	14.0	13.8
65°	16.6	16.5	16.4	16.3	16.2	16.1	15.9	15.7	15.6	15.4	15.2
63.75°	17.7	17.6	17.5	17.5	17.4	17.3	17.2	17.0	16.9	16.7	16.5
62.5°	18.7	18.6	18.5	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.5
61.25°	19.7	19.6	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.5
60°	20.6	20.6	20.5	20.4	20.3	20.2	20.0	19.9	19.7	19.6	19.4
58.75°	21.6	21.6	21.5	21.4	21.3	21.1	21.0	20.9	20.7	20.5	20.3
57.5°	22.6	22.6	22.5	22.4	22.2	22.1	22.0	21.8	21.6	21.5	21.3
56.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.6	22.4	22.2
55°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
53.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
51.25°	22.4	22.5	22.5	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8
50°	21.9	22.0	22.0	22.1	22.2	22.3	22.3	22.4	22.6	22.7	22.8
48.75°	21.4	21.5	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3
47.5°	20.9	21.0	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.8	21.9
46.25°	21.5	21.4	21.3	21.1	21.0	20.8	20.9	21.0	21.2	21.3	21.4
45°	22.5	22.4	22.3	22.1	21.9	21.7	21.5	21.3	21.0	20.8	21.0
43.75°	23.5	23.4	23.2	23.1	22.9	22.7	22.4	22.2	21.9	21.6	21.3
42.5°	24.5	24.4	24.2	24.0	23.8	23.6	23.4	23.1	22.8	22.5	22.2
41.25°	25.5	25.4	25.2	25.0	24.8	24.6	24.3	24.1	23.8	23.4	23.1
40°	26.5	26.3	26.2	26.0	25.8	25.5	25.3	25.0	24.7	24.3	24.0
38.75°	27.4	27.3	27.1	26.9	26.7	26.5	26.2	25.9	25.6	25.2	24.9
37.5°	28.4	28.2	28.0	27.8	27.6	27.4	27.1	26.8	26.5	26.1	25.8
36.25°	29.6	29.4	29.1	28.8	28.5	28.3	28.0	27.7	27.4	27.0	26.6
35°	31.1	30.9	30.6	30.2	29.8	29.4	29.0	28.5	28.2	27.8	27.5



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	33.2	32.7	32.2	31.7	31.3	30.8	30.3	29.8	29.3	28.7	28.3
32.5°	35.6	35.2	34.6	34.0	33.3	32.6	31.7	31.2	30.6	30.0	29.3
31.25°	38.3	37.8	37.1	36.4	35.7	34.9	34.0	33.0	32.0	31.2	30.6
30°	41.2	40.6	39.9	39.1	38.2	37.2	36.2	35.2	34.2	33.1	31.9
28.75°	45.1	44.1	42.8	41.9	41.0	39.9	38.8	37.6	36.3	35.2	33.9
27.5°	51.6	50.0	48.0	46.1	44.4	42.6	41.4	40.1	38.8	37.3	36.0
26.25°	73.5	67.1	60.6	53.2	50.1	47.3	45.0	42.7	41.3	39.8	38.2
25°	115.8	102.1	90.6	77.6	66.4	56.8	50.6	47.2	44.5	42.2	40.5
23.75°	178.6	158.5	138.5	118.8	98.7	81.9	66.8	55.2	49.5	45.8	42.9
22.5°	259.5	234.7	206.5	178.4	147.6	122.2	97.4	77.0	61.9	51.2	46.8
21.25°	356.5	325.6	289.6	253.9	215.7	179.0	142.5	111.8	86.6	66.3	52.2
20°	463.3	427.6	387.3	343.1	295.5	249.5	203.3	160.1	123.3	92.4	68.6
18.75°	582.0	539.7	492.1	440.2	387.0	331.2	274.1	221.4	172.1	129.0	94.4
17.5°	704.4	657.8	605.1	546.3	483.8	420.0	355.4	290.3	231.0	176.1	129.0
16.25°	822.4	776.3	720.2	656.1	587.2	514.5	440.1	367.8	296.3	231.0	172.1
15°	928.7	883.2	828.7	765.7	691.6	612.4	530.1	446.8	367.8	290.3	221.4
13.75°	1024.3	979.1	926.0	864.2	791.6	709.5	620.9	530.1	440.1	355.4	274.1
12.5°	1120.6	1069.4	1012.8	952.0	881.0	800.4	709.5	612.4	514.5	420.0	331.2
11.25°	1230.6	1166.1	1097.5	1030.1	960.2	881.0	791.6	691.6	587.2	483.8	387.0
10°	1341.3	1269.0	1189.5	1107.0	1030.1	952.0	864.2	765.7	656.1	546.3	440.2
8.75°	1447.5	1369.2	1282.1	1189.5	1097.5	1012.8	926.0	828.7	720.2	605.1	492.1
7.5°	1545.8	1462.2	1369.2	1269.0	1166.1	1069.4	979.1	883.2	776.3	657.8	539.7
6.25°	1636.3	1545.8	1447.5	1341.3	1230.6	1120.6	1024.3	928.7	822.4	704.4	582.0
5°	1718.8	1618.9	1514.6	1403.9	1287.5	1170.7	1063.7	965.5	860.9	743.4	617.7
3.75°	1782.4	1680.9	1569.1	1454.0	1333.6	1211.0	1095.3	993.7	889.1	773.4	646.0
2.5°	1829.2	1727.2	1609.9	1490.9	1367.6	1241.5	1118.9	1014.2	909.6	794.0	666.6
1.25°	1857.5	1754.0	1635.5	1513.7	1388.5	1260.3	1135.3	1026.6	922.0	806.6	679.2
0°	1867.3	1763.2	1644.3	1521.4	1395.5	1266.7	1140.8	1030.8	926.2	810.8	683.4
-1.25°	1857.5	1754.0	1635.5	1513.7	1388.5	1260.3	1135.3	1026.6	922.0	806.6	679.2
-2.5°	1829.2	1727.2	1609.9	1490.9	1367.6	1241.5	1118.9	1014.2	909.6	794.0	666.6
-3.75°	1782.4	1680.9	1569.1	1454.0	1333.6	1211.0	1095.3	993.7	889.1	773.4	646.0
-5°	1718.8	1618.9	1514.6	1403.9	1287.5	1170.7	1063.7	965.5	860.9	743.4	617.7
-6.25°	1636.3	1545.8	1447.5	1341.3	1230.6	1120.6	1024.3	928.7	822.4	704.4	582.0
-7.5°	1545.8	1462.2	1369.2	1269.0	1166.1	1069.4	979.1	883.2	776.3	657.8	539.7
-8.75°	1447.5	1369.2	1282.1	1189.5	1097.5	1012.8	926.0	828.7	720.2	605.1	492.1
-10°	1341.3	1269.0	1189.5	1107.0	1030.1	952.0	864.2	765.7	656.1	546.3	440.2
-11.25°	1230.6	1166.1	1097.5	1030.1	960.2	881.0	791.6	691.6	587.2	483.8	387.0
-12.5°	1120.6	1069.4	1012.8	952.0	881.0	800.4	709.5	612.4	514.5	420.0	331.2
-13.75°	1024.3	979.1	926.0	864.2	791.6	709.5	620.9	530.1	440.1	355.4	274.1
-15°	928.7	883.2	828.7	765.7	691.6	612.4	530.1	446.8	367.8	290.3	221.4
-16.25°	822.4	776.3	720.2	656.1	587.2	514.5	440.1	367.8	296.3	231.0	172.1
-17.5°	704.4	657.8	605.1	546.3	483.8	420.0	355.4	290.3	231.0	176.1	129.0
-18.75°	582.0	539.7	492.1	440.2	387.0	331.2	274.1	221.4	172.1	129.0	94.4
-20°	463.3	427.6	387.3	343.1	295.5	249.5	203.3	160.1	123.3	92.4	68.6
-21.25°	356.5	325.6	289.6	253.9	215.7	179.0	142.5	111.8	86.6	66.3	52.2



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	259.5	234.7	206.5	178.4	147.6	122.2	97.4	77.0	61.9	51.2	46.8
-23.75°	178.6	158.5	138.5	118.8	98.7	81.9	66.8	55.2	49.5	45.8	42.9
-25°	115.8	102.1	90.6	77.6	66.4	56.8	50.6	47.2	44.5	42.2	40.5
-26.25°	73.5	67.1	60.6	53.2	50.1	47.3	45.0	42.7	41.3	39.8	38.2
-27.5°	51.6	50.0	48.0	46.1	44.4	42.6	41.4	40.1	38.8	37.3	36.0
-28.75°	45.1	44.1	42.8	41.9	41.0	39.9	38.8	37.6	36.3	35.2	33.9
-30°	41.2	40.6	39.9	39.1	38.2	37.2	36.2	35.2	34.2	33.1	31.9
-31.25°	38.3	37.8	37.1	36.4	35.7	34.9	34.0	33.0	32.0	31.2	30.6
-32.5°	35.6	35.2	34.6	34.0	33.3	32.6	31.7	31.2	30.6	30.0	29.3
-33.75°	33.2	32.7	32.2	31.7	31.3	30.8	30.3	29.8	29.3	28.7	28.3
-35°	31.1	30.9	30.6	30.2	29.8	29.4	29.0	28.5	28.2	27.8	27.5
-36.25°	29.6	29.4	29.1	28.8	28.5	28.3	28.0	27.7	27.4	27.0	26.6
-37.5°	28.4	28.2	28.0	27.8	27.6	27.4	27.1	26.8	26.5	26.1	25.8
-38.75°	27.4	27.3	27.1	26.9	26.7	26.5	26.2	25.9	25.6	25.2	24.9
-40°	26.5	26.3	26.2	26.0	25.8	25.5	25.3	25.0	24.7	24.3	24.0
-41.25°	25.5	25.4	25.2	25.0	24.8	24.6	24.3	24.1	23.8	23.4	23.1
-42.5°	24.5	24.4	24.2	24.0	23.8	23.6	23.4	23.1	22.8	22.5	22.2
-43.75°	23.5	23.4	23.2	23.1	22.9	22.7	22.4	22.2	21.9	21.6	21.3
-45°	22.5	22.4	22.3	22.1	21.9	21.7	21.5	21.3	21.0	20.8	21.0
-46.25°	21.5	21.4	21.3	21.1	21.0	20.8	20.9	21.0	21.2	21.3	21.4
-47.5°	20.9	21.0	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.8	21.9
-48.75°	21.4	21.5	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3
-50°	21.9	22.0	22.0	22.1	22.2	22.3	22.3	22.4	22.6	22.7	22.8
-51.25°	22.4	22.5	22.5	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8
-52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-53.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-55°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-56.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.6	22.4	22.2
-57.5°	22.6	22.6	22.5	22.4	22.2	22.1	22.0	21.8	21.6	21.5	21.3
-58.75°	21.6	21.6	21.5	21.4	21.3	21.1	21.0	20.9	20.7	20.5	20.3
-60°	20.6	20.6	20.5	20.4	20.3	20.2	20.0	19.9	19.7	19.6	19.4
-61.25°	19.7	19.6	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.5
-62.5°	18.7	18.6	18.5	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.5
-63.75°	17.7	17.6	17.5	17.5	17.4	17.3	17.2	17.0	16.9	16.7	16.5
-65°	16.6	16.5	16.4	16.3	16.2	16.1	15.9	15.7	15.6	15.4	15.2
-66.25°	15.2	15.1	15.0	14.9	14.8	14.7	14.5	14.4	14.2	14.0	13.8
-67.5°	13.7	13.7	13.6	13.5	13.4	13.2	13.1	12.9	12.8	12.6	12.4
-68.75°	12.2	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.3	11.2	11.0
-70°	10.8	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.0
-71.25°	9.8	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3	9.2	9.1
-72.5°	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.2	8.1
-73.75°	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2
-75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-76.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-77.5°	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2
-80°	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7
-81.25°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
80°	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3
78.75°	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.7
77.5°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1
76.25°	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.5
75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
73.75°	7.1	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
72.5°	8.0	7.9	7.8	7.7	7.6	7.4	7.3	7.1	7.0	6.9	6.9
71.25°	9.0	8.8	8.7	8.6	8.4	8.3	8.2	8.0	7.8	7.7	7.5
70°	9.9	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.3
68.75°	10.8	10.7	10.6	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1
67.5°	12.2	12.0	11.7	11.5	11.3	11.0	10.8	10.6	10.4	10.2	10.0
66.25°	13.6	13.4	13.1	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.8
65°	14.9	14.7	14.5	14.2	13.9	13.6	13.3	13.0	12.7	12.3	12.0
63.75°	16.3	16.0	15.8	15.5	15.2	14.9	14.6	14.3	13.9	13.6	13.2
62.5°	17.4	17.2	17.0	16.8	16.5	16.2	15.8	15.5	15.1	14.8	14.4
61.25°	18.3	18.1	17.9	17.7	17.5	17.2	17.0	16.7	16.4	16.0	15.6
60°	19.2	19.0	18.8	18.6	18.4	18.1	17.9	17.6	17.3	17.0	16.7
58.75°	20.1	19.9	19.7	19.5	19.2	19.0	18.7	18.4	18.2	17.9	17.6
57.5°	21.1	20.8	20.6	20.4	20.1	19.8	19.6	19.3	19.0	18.7	18.4
56.25°	22.0	21.7	21.5	21.3	21.0	20.7	20.4	20.1	19.8	19.5	19.2
55°	22.8	22.7	22.4	22.1	21.9	21.6	21.3	21.0	20.6	20.3	19.9
53.75°	22.8	22.8	22.8	22.8	22.7	22.4	22.1	21.8	21.4	21.1	20.7
52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.6	22.3	21.9	21.5
51.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.3
50°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
48.75°	22.5	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
47.5°	22.0	22.2	22.4	22.5	22.7	22.8	22.8	22.8	22.8	22.8	22.8
46.25°	21.6	21.7	21.9	22.1	22.3	22.5	22.7	22.8	22.8	22.8	22.8
45°	21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.8	22.8
43.75°	21.0	20.9	21.1	21.2	21.4	21.6	21.9	22.1	22.3	22.5	22.8
42.5°	21.9	21.5	21.1	20.8	21.0	21.2	21.5	21.7	21.9	22.2	22.4
41.25°	22.8	22.4	22.0	21.6	21.2	20.8	21.1	21.3	21.5	21.8	22.1
40°	23.6	23.2	22.8	22.4	22.0	21.5	21.0	20.9	21.2	21.4	21.7
38.75°	24.5	24.1	23.7	23.2	22.8	22.3	21.8	21.3	20.8	21.1	21.3
37.5°	25.4	24.9	24.5	24.1	23.6	23.1	22.6	22.1	21.5	21.0	21.0
36.25°	26.2	25.8	25.3	24.9	24.4	23.9	23.3	22.8	22.2	21.7	21.1
35°	27.1	26.6	26.1	25.7	25.1	24.6	24.1	23.5	22.9	22.4	21.8



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	27.9	27.4	26.9	26.4	25.9	25.4	24.8	24.2	23.6	23.0	22.4
32.5°	28.6	28.2	27.7	27.2	26.7	26.1	25.5	24.9	24.3	23.7	23.1
31.25°	29.8	29.1	28.4	27.9	27.4	26.8	26.3	25.6	25.0	24.4	23.7
30°	31.1	30.3	29.5	28.7	28.1	27.5	26.9	26.3	25.7	25.0	24.3
28.75°	32.6	31.5	30.6	29.7	28.8	28.2	27.6	27.0	26.3	25.6	24.9
27.5°	34.6	33.2	31.8	30.8	29.9	28.9	28.2	27.6	26.9	26.3	25.5
26.25°	36.6	35.1	33.6	32.1	30.9	30.0	28.9	28.2	27.5	26.8	26.1
25°	38.8	37.0	35.4	33.8	32.1	30.9	29.9	28.8	28.1	27.4	26.7
23.75°	41.0	39.2	37.3	35.5	33.8	32.1	30.8	29.7	28.7	27.9	27.2
22.5°	43.6	41.3	39.3	37.3	35.4	33.6	31.8	30.6	29.5	28.4	27.7
21.25°	47.4	43.8	41.3	39.2	37.0	35.1	33.2	31.5	30.3	29.1	28.2
20°	52.7	47.4	43.6	41.0	38.8	36.6	34.6	32.6	31.1	29.8	28.6
18.75°	68.6	52.2	46.8	42.9	40.5	38.2	36.0	33.9	31.9	30.6	29.3
17.5°	92.4	66.3	51.2	45.8	42.2	39.8	37.3	35.2	33.1	31.2	30.0
16.25°	123.3	86.6	61.9	49.5	44.5	41.3	38.8	36.3	34.2	32.0	30.6
15°	160.1	111.8	77.0	55.2	47.2	42.7	40.1	37.6	35.2	33.0	31.2
13.75°	203.3	142.5	97.4	66.8	50.6	45.0	41.4	38.8	36.2	34.0	31.7
12.5°	249.5	179.0	122.2	81.9	56.8	47.3	42.6	39.9	37.2	34.9	32.6
11.25°	295.5	215.7	147.6	98.7	66.4	50.1	44.4	41.0	38.2	35.7	33.3
10°	343.1	253.9	178.4	118.8	77.6	53.2	46.1	41.9	39.1	36.4	34.0
8.75°	387.3	289.6	206.5	138.5	90.6	60.6	48.0	42.8	39.9	37.1	34.6
7.5°	427.6	325.6	234.7	158.5	102.1	67.1	50.0	44.1	40.6	37.8	35.2
6.25°	463.3	356.5	259.5	178.6	115.8	73.5	51.6	45.1	41.2	38.3	35.6
5°	495.5	383.2	280.0	195.3	127.6	81.3	54.1	46.0	41.7	38.8	36.0
3.75°	520.9	404.7	298.8	208.4	136.8	87.3	57.5	46.8	42.1	39.2	36.3
2.5°	539.2	420.1	312.5	219.1	143.4	91.7	60.0	47.5	42.4	39.4	36.5
1.25°	550.3	429.5	320.8	225.7	147.4	94.3	61.5	47.9	42.5	39.6	36.7
0°	554.0	432.6	323.6	228.0	148.7	95.2	62.0	48.1	42.6	39.7	36.7
-1.25°	550.3	429.5	320.8	225.7	147.4	94.3	61.5	47.9	42.5	39.6	36.7
-2.5°	539.2	420.1	312.5	219.1	143.4	91.7	60.0	47.5	42.4	39.4	36.5
-3.75°	520.9	404.7	298.8	208.4	136.8	87.3	57.5	46.8	42.1	39.2	36.3
-5°	495.5	383.2	280.0	195.3	127.6	81.3	54.1	46.0	41.7	38.8	36.0
-6.25°	463.3	356.5	259.5	178.6	115.8	73.5	51.6	45.1	41.2	38.3	35.6
-7.5°	427.6	325.6	234.7	158.5	102.1	67.1	50.0	44.1	40.6	37.8	35.2
-8.75°	387.3	289.6	206.5	138.5	90.6	60.6	48.0	42.8	39.9	37.1	34.6
-10°	343.1	253.9	178.4	118.8	77.6	53.2	46.1	41.9	39.1	36.4	34.0
-11.25°	295.5	215.7	147.6	98.7	66.4	50.1	44.4	41.0	38.2	35.7	33.3
-12.5°	249.5	179.0	122.2	81.9	56.8	47.3	42.6	39.9	37.2	34.9	32.6
-13.75°	203.3	142.5	97.4	66.8	50.6	45.0	41.4	38.8	36.2	34.0	31.7
-15°	160.1	111.8	77.0	55.2	47.2	42.7	40.1	37.6	35.2	33.0	31.2
-16.25°	123.3	86.6	61.9	49.5	44.5	41.3	38.8	36.3	34.2	32.0	30.6
-17.5°	92.4	66.3	51.2	45.8	42.2	39.8	37.3	35.2	33.1	31.2	30.0
-18.75°	68.6	52.2	46.8	42.9	40.5	38.2	36.0	33.9	31.9	30.6	29.3
-20°	52.7	47.4	43.6	41.0	38.8	36.6	34.6	32.6	31.1	29.8	28.6
-21.25°	47.4	43.8	41.3	39.2	37.0	35.1	33.2	31.5	30.3	29.1	28.2





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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	43.6	41.3	39.3	37.3	35.4	33.6	31.8	30.6	29.5	28.4	27.7
-23.75°	41.0	39.2	37.3	35.5	33.8	32.1	30.8	29.7	28.7	27.9	27.2
-25°	38.8	37.0	35.4	33.8	32.1	30.9	29.9	28.8	28.1	27.4	26.7
-26.25°	36.6	35.1	33.6	32.1	30.9	30.0	28.9	28.2	27.5	26.8	26.1
-27.5°	34.6	33.2	31.8	30.8	29.9	28.9	28.2	27.6	26.9	26.3	25.5
-28.75°	32.6	31.5	30.6	29.7	28.8	28.2	27.6	27.0	26.3	25.6	24.9
-30°	31.1	30.3	29.5	28.7	28.1	27.5	26.9	26.3	25.7	25.0	24.3
-31.25°	29.8	29.1	28.4	27.9	27.4	26.8	26.3	25.6	25.0	24.4	23.7
-32.5°	28.6	28.2	27.7	27.2	26.7	26.1	25.5	24.9	24.3	23.7	23.1
-33.75°	27.9	27.4	26.9	26.4	25.9	25.4	24.8	24.2	23.6	23.0	22.4
-35°	27.1	26.6	26.1	25.7	25.1	24.6	24.1	23.5	22.9	22.4	21.8
-36.25°	26.2	25.8	25.3	24.9	24.4	23.9	23.3	22.8	22.2	21.7	21.1
-37.5°	25.4	24.9	24.5	24.1	23.6	23.1	22.6	22.1	21.5	21.0	21.0
-38.75°	24.5	24.1	23.7	23.2	22.8	22.3	21.8	21.3	20.8	21.1	21.3
-40°	23.6	23.2	22.8	22.4	22.0	21.5	21.0	20.9	21.2	21.4	21.7
-41.25°	22.8	22.4	22.0	21.6	21.2	20.8	21.1	21.3	21.5	21.8	22.1
-42.5°	21.9	21.5	21.1	20.8	21.0	21.2	21.5	21.7	21.9	22.2	22.4
-43.75°	21.0	20.9	21.1	21.2	21.4	21.6	21.9	22.1	22.3	22.5	22.8
-45°	21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.8	22.8
-46.25°	21.6	21.7	21.9	22.1	22.3	22.5	22.7	22.8	22.8	22.8	22.8
-47.5°	22.0	22.2	22.4	22.5	22.7	22.8	22.8	22.8	22.8	22.8	22.8
-48.75°	22.5	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-50°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-51.25°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7	22.3
-52.5°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.6	22.3	21.9	21.5
-53.75°	22.8	22.8	22.8	22.8	22.7	22.4	22.1	21.8	21.4	21.1	20.7
-55°	22.8	22.7	22.4	22.1	21.9	21.6	21.3	21.0	20.6	20.3	19.9
-56.25°	22.0	21.7	21.5	21.3	21.0	20.7	20.4	20.1	19.8	19.5	19.2
-57.5°	21.1	20.8	20.6	20.4	20.1	19.8	19.6	19.3	19.0	18.7	18.4
-58.75°	20.1	19.9	19.7	19.5	19.2	19.0	18.7	18.4	18.2	17.9	17.6
-60°	19.2	19.0	18.8	18.6	18.4	18.1	17.9	17.6	17.3	17.0	16.7
-61.25°	18.3	18.1	17.9	17.7	17.5	17.2	17.0	16.7	16.4	16.0	15.6
-62.5°	17.4	17.2	17.0	16.8	16.5	16.2	15.8	15.5	15.1	14.8	14.4
-63.75°	16.3	16.0	15.8	15.5	15.2	14.9	14.6	14.3	13.9	13.6	13.2
-65°	14.9	14.7	14.5	14.2	13.9	13.6	13.3	13.0	12.7	12.3	12.0
-66.25°	13.6	13.4	13.1	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.8
-67.5°	12.2	12.0	11.7	11.5	11.3	11.0	10.8	10.6	10.4	10.2	10.0
-68.75°	10.8	10.7	10.6	10.4	10.2	10.1	9.9	9.7	9.5	9.3	9.1
-70°	9.9	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.3
-71.25°	9.0	8.8	8.7	8.6	8.4	8.3	8.2	8.0	7.8	7.7	7.5
-72.5°	8.0	7.9	7.8	7.7	7.6	7.4	7.3	7.1	7.0	6.9	6.9
-73.75°	7.1	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-76.25°	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.5
-77.5°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.7
-80°	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3
-81.25°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.3	5.2	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.6	4.5
78.75°	5.7	5.6	5.6	5.5	5.5	5.4	5.3	5.3	5.2	5.2	5.1
77.5°	6.0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.4
76.25°	6.5	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7
75°	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0
73.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.6	6.5	6.4
72.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7
71.25°	7.3	7.1	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.9	6.9	6.9	6.9
68.75°	8.9	8.7	8.5	8.3	8.0	7.8	7.6	7.3	7.0	6.9	6.9
67.5°	9.7	9.5	9.3	9.0	8.8	8.5	8.3	8.0	7.7	7.5	7.2
66.25°	10.6	10.3	10.1	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8
65°	11.6	11.2	10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5
63.75°	12.8	12.4	12.0	11.6	11.1	10.7	10.4	10.1	9.8	9.5	9.1
62.5°	14.0	13.6	13.1	12.7	12.2	11.8	11.3	10.8	10.5	10.1	9.8
61.25°	15.1	14.7	14.3	13.8	13.3	12.8	12.3	11.8	11.3	10.8	10.4
60°	16.3	15.8	15.4	14.9	14.4	13.9	13.4	12.9	12.3	11.7	11.2
58.75°	17.2	16.9	16.5	16.0	15.5	15.0	14.4	13.9	13.3	12.7	12.1
57.5°	18.0	17.7	17.3	17.0	16.5	16.0	15.4	14.9	14.3	13.7	13.1
56.25°	18.8	18.5	18.1	17.7	17.3	17.0	16.4	15.8	15.2	14.6	14.0
55°	19.6	19.2	18.8	18.5	18.1	17.7	17.2	16.8	16.2	15.6	14.9
53.75°	20.4	20.0	19.6	19.2	18.8	18.3	17.9	17.5	17.0	16.5	15.8
52.5°	21.1	20.7	20.3	19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7
51.25°	21.9	21.5	21.1	20.6	20.2	19.7	19.3	18.8	18.3	17.8	17.3
50°	22.6	22.2	21.8	21.3	20.9	20.4	19.9	19.4	18.9	18.4	17.9
48.75°	22.8	22.8	22.5	22.0	21.6	21.1	20.6	20.1	19.6	19.0	18.5
47.5°	22.8	22.8	22.8	22.7	22.2	21.7	21.2	20.7	20.2	19.6	19.1
46.25°	22.8	22.8	22.8	22.8	22.8	22.4	21.9	21.3	20.8	20.2	19.7
45°	22.8	22.8	22.8	22.8	22.8	22.8	22.5	21.9	21.4	20.8	20.2
43.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.0	21.4	20.8
42.5°	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	21.9	21.3
41.25°	22.3	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	21.9
40°	22.0	22.3	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.4
38.75°	21.6	21.9	22.2	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8
37.5°	21.3	21.6	21.9	22.2	22.5	22.8	22.8	22.8	22.8	22.8	22.8
36.25°	21.0	21.3	21.6	21.9	22.2	22.5	22.8	22.8	22.8	22.8	22.8
35°	21.1	20.9	21.3	21.6	21.9	22.3	22.6	22.8	22.8	22.8	22.8



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	21.8	21.1	21.0	21.3	21.6	22.0	22.3	22.7	22.8	22.8	22.8
32.5°	22.4	21.8	21.1	21.0	21.3	21.7	22.1	22.4	22.8	22.8	22.8
31.25°	23.0	22.4	21.7	21.0	21.1	21.4	21.8	22.2	22.5	22.8	22.8
30°	23.6	22.9	22.2	21.5	20.8	21.2	21.5	21.9	22.3	22.7	22.8
28.75°	24.2	23.5	22.8	22.1	21.3	20.9	21.3	21.7	22.1	22.5	22.8
27.5°	24.8	24.1	23.3	22.6	21.8	21.0	21.1	21.5	21.9	22.3	22.7
26.25°	25.4	24.6	23.9	23.1	22.3	21.5	20.8	21.2	21.6	22.1	22.5
25°	25.9	25.1	24.4	23.6	22.8	22.0	21.2	21.0	21.4	21.9	22.3
23.75°	26.4	25.7	24.9	24.1	23.2	22.4	21.6	20.8	21.2	21.7	22.1
22.5°	26.9	26.1	25.3	24.5	23.7	22.8	22.0	21.1	21.1	21.5	21.9
21.25°	27.4	26.6	25.8	24.9	24.1	23.2	22.4	21.5	20.9	21.3	21.7
20°	27.9	27.1	26.2	25.4	24.5	23.6	22.8	21.9	21.0	21.1	21.6
18.75°	28.3	27.5	26.6	25.8	24.9	24.0	23.1	22.2	21.3	21.0	21.4
17.5°	28.7	27.8	27.0	26.1	25.2	24.3	23.4	22.5	21.6	20.8	21.3
16.25°	29.3	28.2	27.4	26.5	25.6	24.7	23.8	22.8	21.9	21.0	21.2
15°	29.8	28.5	27.7	26.8	25.9	25.0	24.1	23.1	22.2	21.3	21.0
13.75°	30.3	29.0	28.0	27.1	26.2	25.3	24.3	23.4	22.4	21.5	20.9
12.5°	30.8	29.4	28.3	27.4	26.5	25.5	24.6	23.6	22.7	21.7	20.8
11.25°	31.3	29.8	28.5	27.6	26.7	25.8	24.8	23.8	22.9	21.9	21.0
10°	31.7	30.2	28.8	27.8	26.9	26.0	25.0	24.0	23.1	22.1	21.1
8.75°	32.2	30.6	29.1	28.0	27.1	26.2	25.2	24.2	23.2	22.3	21.3
7.5°	32.7	30.9	29.4	28.2	27.3	26.3	25.4	24.4	23.4	22.4	21.4
6.25°	33.2	31.1	29.6	28.4	27.4	26.5	25.5	24.5	23.5	22.5	21.5
5°	33.6	31.3	29.8	28.5	27.5	26.6	25.6	24.6	23.6	22.6	21.6
3.75°	33.8	31.5	30.0	28.6	27.6	26.7	25.7	24.7	23.7	22.7	21.7
2.5°	34.0	31.6	30.1	28.6	27.7	26.7	25.8	24.8	23.8	22.8	21.8
1.25°	34.2	31.7	30.2	28.7	27.7	26.8	25.8	24.8	23.8	22.8	21.8
0°	34.2	31.7	30.2	28.7	27.7	26.8	25.8	24.8	23.8	22.8	21.8
-1.25°	34.2	31.7	30.2	28.7	27.7	26.8	25.8	24.8	23.8	22.8	21.8
-2.5°	34.0	31.6	30.1	28.6	27.7	26.7	25.8	24.8	23.8	22.8	21.8
-3.75°	33.8	31.5	30.0	28.6	27.6	26.7	25.7	24.7	23.7	22.7	21.7
-5°	33.6	31.3	29.8	28.5	27.5	26.6	25.6	24.6	23.6	22.6	21.6
-6.25°	33.2	31.1	29.6	28.4	27.4	26.5	25.5	24.5	23.5	22.5	21.5
-7.5°	32.7	30.9	29.4	28.2	27.3	26.3	25.4	24.4	23.4	22.4	21.4
-8.75°	32.2	30.6	29.1	28.0	27.1	26.2	25.2	24.2	23.2	22.3	21.3
-10°	31.7	30.2	28.8	27.8	26.9	26.0	25.0	24.0	23.1	22.1	21.1
-11.25°	31.3	29.8	28.5	27.6	26.7	25.8	24.8	23.8	22.9	21.9	21.0
-12.5°	30.8	29.4	28.3	27.4	26.5	25.5	24.6	23.6	22.7	21.7	20.8
-13.75°	30.3	29.0	28.0	27.1	26.2	25.3	24.3	23.4	22.4	21.5	20.9
-15°	29.8	28.5	27.7	26.8	25.9	25.0	24.1	23.1	22.2	21.3	21.0
-16.25°	29.3	28.2	27.4	26.5	25.6	24.7	23.8	22.8	21.9	21.0	21.2
-17.5°	28.7	27.8	27.0	26.1	25.2	24.3	23.4	22.5	21.6	20.8	21.3
-18.75°	28.3	27.5	26.6	25.8	24.9	24.0	23.1	22.2	21.3	21.0	21.4
-20°	27.9	27.1	26.2	25.4	24.5	23.6	22.8	21.9	21.0	21.1	21.6
-21.25°	27.4	26.6	25.8	24.9	24.1	23.2	22.4	21.5	20.9	21.3	21.7



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	26.9	26.1	25.3	24.5	23.7	22.8	22.0	21.1	21.1	21.5	21.9
-23.75°	26.4	25.7	24.9	24.1	23.2	22.4	21.6	20.8	21.2	21.7	22.1
-25°	25.9	25.1	24.4	23.6	22.8	22.0	21.2	21.0	21.4	21.9	22.3
-26.25°	25.4	24.6	23.9	23.1	22.3	21.5	20.8	21.2	21.6	22.1	22.5
-27.5°	24.8	24.1	23.3	22.6	21.8	21.0	21.1	21.5	21.9	22.3	22.7
-28.75°	24.2	23.5	22.8	22.1	21.3	20.9	21.3	21.7	22.1	22.5	22.8
-30°	23.6	22.9	22.2	21.5	20.8	21.2	21.5	21.9	22.3	22.7	22.8
-31.25°	23.0	22.4	21.7	21.0	21.1	21.4	21.8	22.2	22.5	22.8	22.8
-32.5°	22.4	21.8	21.1	21.0	21.3	21.7	22.1	22.4	22.8	22.8	22.8
-33.75°	21.8	21.1	21.0	21.3	21.6	22.0	22.3	22.7	22.8	22.8	22.8
-35°	21.1	20.9	21.3	21.6	21.9	22.3	22.6	22.8	22.8	22.8	22.8
-36.25°	21.0	21.3	21.6	21.9	22.2	22.5	22.8	22.8	22.8	22.8	22.8
-37.5°	21.3	21.6	21.9	22.2	22.5	22.8	22.8	22.8	22.8	22.8	22.8
-38.75°	21.6	21.9	22.2	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8
-40°	22.0	22.3	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.4
-41.25°	22.3	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	21.9
-42.5°	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	21.9	21.3
-43.75°	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.5	22.0	21.4	20.8
-45°	22.8	22.8	22.8	22.8	22.8	22.8	22.5	21.9	21.4	20.8	20.2
-46.25°	22.8	22.8	22.8	22.8	22.8	22.4	21.9	21.3	20.8	20.2	19.7
-47.5°	22.8	22.8	22.8	22.7	22.2	21.7	21.2	20.7	20.2	19.6	19.1
-48.75°	22.8	22.8	22.5	22.0	21.6	21.1	20.6	20.1	19.6	19.0	18.5
-50°	22.6	22.2	21.8	21.3	20.9	20.4	19.9	19.4	18.9	18.4	17.9
-51.25°	21.9	21.5	21.1	20.6	20.2	19.7	19.3	18.8	18.3	17.8	17.3
-52.5°	21.1	20.7	20.3	19.9	19.5	19.0	18.6	18.1	17.7	17.2	16.7
-53.75°	20.4	20.0	19.6	19.2	18.8	18.3	17.9	17.5	17.0	16.5	15.8
-55°	19.6	19.2	18.8	18.5	18.1	17.7	17.2	16.8	16.2	15.6	14.9
-56.25°	18.8	18.5	18.1	17.7	17.3	17.0	16.4	15.8	15.2	14.6	14.0
-57.5°	18.0	17.7	17.3	17.0	16.5	16.0	15.4	14.9	14.3	13.7	13.1
-58.75°	17.2	16.9	16.5	16.0	15.5	15.0	14.4	13.9	13.3	12.7	12.1
-60°	16.3	15.8	15.4	14.9	14.4	13.9	13.4	12.9	12.3	11.7	11.2
-61.25°	15.1	14.7	14.3	13.8	13.3	12.8	12.3	11.8	11.3	10.8	10.4
-62.5°	14.0	13.6	13.1	12.7	12.2	11.8	11.3	10.8	10.5	10.1	9.8
-63.75°	12.8	12.4	12.0	11.6	11.1	10.7	10.4	10.1	9.8	9.5	9.1
-65°	11.6	11.2	10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5
-66.25°	10.6	10.3	10.1	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8
-67.5°	9.7	9.5	9.3	9.0	8.8	8.5	8.3	8.0	7.7	7.5	7.2
-68.75°	8.9	8.7	8.5	8.3	8.0	7.8	7.6	7.3	7.0	6.9	6.9
-70°	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.9	6.9	6.9	6.9
-71.25°	7.3	7.1	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-72.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7
-73.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.6	6.5	6.4
-75°	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0
-76.25°	6.5	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7
-77.5°	6.0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.4



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	5.7	5.6	5.6	5.5	5.5	5.4	5.3	5.3	5.2	5.2	5.1
-80°	5.3	5.2	5.2	5.2	5.1	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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.0	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
77.5°	5.3	5.3	5.2	5.1	5.0	4.9	4.7	4.5	4.3	4.2	4.0
76.25°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5
75°	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1	4.9
73.75°	6.3	6.2	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
72.5°	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.6	5.5	5.4
71.25°	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.6
70°	6.9	6.9	6.9	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8
68.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.4	6.2	6.1
67.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.6	6.5	6.3
66.25°	7.5	7.2	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5
65°	8.2	7.8	7.5	7.2	6.9	6.9	6.9	6.9	6.9	6.9	6.8
63.75°	8.8	8.5	8.1	7.8	7.4	7.0	6.9	6.9	6.9	6.9	6.9
62.5°	9.4	9.1	8.7	8.3	8.0	7.6	7.2	6.9	6.9	6.9	6.9
61.25°	10.1	9.7	9.3	8.9	8.5	8.1	7.7	7.3	6.9	6.9	6.9
60°	10.7	10.3	9.9	9.5	9.1	8.7	8.2	7.8	7.4	6.9	6.9
58.75°	11.5	10.9	10.5	10.1	9.6	9.2	8.7	8.3	7.8	7.4	6.9
57.5°	12.4	11.8	11.1	10.6	10.2	9.7	9.3	8.8	8.3	7.8	7.4
56.25°	13.4	12.7	12.0	11.3	10.7	10.2	9.8	9.3	8.8	8.3	7.8
55°	14.2	13.6	12.9	12.1	11.4	10.8	10.3	9.8	9.3	8.7	8.2
53.75°	15.1	14.4	13.7	13.0	12.2	11.5	10.8	10.2	9.7	9.2	8.7
52.5°	16.0	15.3	14.5	13.8	13.0	12.2	11.4	10.7	10.2	9.6	9.1
51.25°	16.8	16.1	15.3	14.6	13.8	13.0	12.1	11.3	10.6	10.1	9.5
50°	17.4	16.9	16.1	15.3	14.5	13.7	12.9	12.0	11.1	10.5	9.9
48.75°	18.0	17.4	16.9	16.1	15.3	14.4	13.6	12.7	11.8	10.9	10.3
47.5°	18.5	18.0	17.4	16.8	16.0	15.1	14.2	13.4	12.4	11.5	10.7
46.25°	19.1	18.5	17.9	17.3	16.7	15.8	14.9	14.0	13.1	12.1	11.2
45°	19.6	19.0	18.4	17.8	17.2	16.5	15.6	14.6	13.7	12.7	11.7
43.75°	20.2	19.6	18.9	18.3	17.7	17.0	16.2	15.2	14.3	13.3	12.3
42.5°	20.7	20.1	19.4	18.8	18.1	17.5	16.8	15.8	14.9	13.9	12.9
41.25°	21.2	20.6	19.9	19.3	18.6	17.9	17.2	16.4	15.4	14.4	13.4
40°	21.7	21.1	20.4	19.7	19.0	18.3	17.7	17.0	16.0	15.0	13.9
38.75°	22.2	21.6	20.9	20.2	19.5	18.8	18.1	17.3	16.5	15.5	14.4
37.5°	22.7	22.0	21.3	20.6	19.9	19.2	18.5	17.7	17.0	16.0	14.9
36.25°	22.8	22.5	21.8	21.1	20.3	19.6	18.8	18.1	17.3	16.5	15.4
35°	22.8	22.8	22.2	21.5	20.7	20.0	19.2	18.5	17.7	16.9	15.8



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	22.8	22.8	22.6	21.9	21.1	20.4	19.6	18.8	18.0	17.2	16.3
32.5°	22.8	22.8	22.8	22.3	21.5	20.7	19.9	19.2	18.4	17.6	16.7
31.25°	22.8	22.8	22.8	22.7	21.9	21.1	20.3	19.5	18.7	17.9	17.0
30°	22.8	22.8	22.8	22.8	22.3	21.4	20.6	19.8	19.0	18.2	17.3
28.75°	22.8	22.8	22.8	22.8	22.6	21.8	21.0	20.1	19.3	18.4	17.6
27.5°	22.8	22.8	22.8	22.8	22.8	22.1	21.3	20.4	19.6	18.7	17.9
26.25°	22.8	22.8	22.8	22.8	22.8	22.4	21.6	20.7	19.8	19.0	18.1
25°	22.7	22.8	22.8	22.8	22.8	22.7	21.9	21.0	20.1	19.2	18.4
23.75°	22.5	22.8	22.8	22.8	22.8	22.8	22.1	21.3	20.4	19.5	18.6
22.5°	22.4	22.8	22.8	22.8	22.8	22.8	22.4	21.5	20.6	19.7	18.8
21.25°	22.2	22.6	22.8	22.8	22.8	22.8	22.7	21.7	20.8	19.9	19.0
20°	22.0	22.5	22.8	22.8	22.8	22.8	22.8	22.0	21.1	20.1	19.2
18.75°	21.9	22.3	22.8	22.8	22.8	22.8	22.8	22.2	21.3	20.3	19.4
17.5°	21.8	22.2	22.7	22.8	22.8	22.8	22.8	22.4	21.5	20.5	19.6
16.25°	21.6	22.1	22.6	22.8	22.8	22.8	22.8	22.6	21.6	20.7	19.7
15°	21.5	22.0	22.4	22.8	22.8	22.8	22.8	22.8	21.8	20.9	19.9
13.75°	21.4	21.9	22.3	22.8	22.8	22.8	22.8	22.8	22.0	21.0	20.0
12.5°	21.3	21.8	22.3	22.7	22.8	22.8	22.8	22.8	22.1	21.1	20.2
11.25°	21.2	21.7	22.2	22.7	22.8	22.8	22.8	22.8	22.2	21.3	20.3
10°	21.1	21.6	22.1	22.6	22.8	22.8	22.8	22.8	22.4	21.4	20.4
8.75°	21.0	21.5	22.0	22.5	22.8	22.8	22.8	22.8	22.5	21.5	20.5
7.5°	21.0	21.5	22.0	22.5	22.8	22.8	22.8	22.8	22.6	21.6	20.6
6.25°	20.9	21.4	21.9	22.4	22.8	22.8	22.8	22.8	22.6	21.6	20.6
5°	20.9	21.4	21.9	22.4	22.8	22.8	22.8	22.8	22.7	21.7	20.7
3.75°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.7	21.7	20.7
2.5°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.8	21.8	20.8
1.25°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.8	21.8	20.8
0°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.8	21.8	20.8
-1.25°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.8	21.8	20.8
-2.5°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.8	21.8	20.8
-3.75°	20.8	21.3	21.8	22.3	22.8	22.8	22.8	22.8	22.7	21.7	20.7
-5°	20.9	21.4	21.9	22.4	22.8	22.8	22.8	22.8	22.7	21.7	20.7
-6.25°	20.9	21.4	21.9	22.4	22.8	22.8	22.8	22.8	22.6	21.6	20.6
-7.5°	21.0	21.5	22.0	22.5	22.8	22.8	22.8	22.8	22.6	21.6	20.6
-8.75°	21.0	21.5	22.0	22.5	22.8	22.8	22.8	22.8	22.5	21.5	20.5
-10°	21.1	21.6	22.1	22.6	22.8	22.8	22.8	22.8	22.4	21.4	20.4
-11.25°	21.2	21.7	22.2	22.7	22.8	22.8	22.8	22.8	22.2	21.3	20.3
-12.5°	21.3	21.8	22.3	22.7	22.8	22.8	22.8	22.8	22.1	21.1	20.2
-13.75°	21.4	21.9	22.3	22.8	22.8	22.8	22.8	22.8	22.0	21.0	20.0
-15°	21.5	22.0	22.4	22.8	22.8	22.8	22.8	22.8	21.8	20.9	19.9
-16.25°	21.6	22.1	22.6	22.8	22.8	22.8	22.8	22.6	21.6	20.7	19.7
-17.5°	21.8	22.2	22.7	22.8	22.8	22.8	22.8	22.4	21.5	20.5	19.6
-18.75°	21.9	22.3	22.8	22.8	22.8	22.8	22.8	22.2	21.3	20.3	19.4
-20°	22.0	22.5	22.8	22.8	22.8	22.8	22.8	22.0	21.1	20.1	19.2
-21.25°	22.2	22.6	22.8	22.8	22.8	22.8	22.7	21.7	20.8	19.9	19.0





REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	22.4	22.8	22.8	22.8	22.8	22.8	22.4	21.5	20.6	19.7	18.8
-23.75°	22.5	22.8	22.8	22.8	22.8	22.8	22.1	21.3	20.4	19.5	18.6
-25°	22.7	22.8	22.8	22.8	22.8	22.7	21.9	21.0	20.1	19.2	18.4
-26.25°	22.8	22.8	22.8	22.8	22.8	22.4	21.6	20.7	19.8	19.0	18.1
-27.5°	22.8	22.8	22.8	22.8	22.8	22.1	21.3	20.4	19.6	18.7	17.9
-28.75°	22.8	22.8	22.8	22.8	22.6	21.8	21.0	20.1	19.3	18.4	17.6
-30°	22.8	22.8	22.8	22.8	22.3	21.4	20.6	19.8	19.0	18.2	17.3
-31.25°	22.8	22.8	22.8	22.7	21.9	21.1	20.3	19.5	18.7	17.9	17.0
-32.5°	22.8	22.8	22.8	22.3	21.5	20.7	19.9	19.2	18.4	17.6	16.7
-33.75°	22.8	22.8	22.6	21.9	21.1	20.4	19.6	18.8	18.0	17.2	16.3
-35°	22.8	22.8	22.2	21.5	20.7	20.0	19.2	18.5	17.7	16.9	15.8
-36.25°	22.8	22.5	21.8	21.1	20.3	19.6	18.8	18.1	17.3	16.5	15.4
-37.5°	22.7	22.0	21.3	20.6	19.9	19.2	18.5	17.7	17.0	16.0	14.9
-38.75°	22.2	21.6	20.9	20.2	19.5	18.8	18.1	17.3	16.5	15.5	14.4
-40°	21.7	21.1	20.4	19.7	19.0	18.3	17.7	17.0	16.0	15.0	13.9
-41.25°	21.2	20.6	19.9	19.3	18.6	17.9	17.2	16.4	15.4	14.4	13.4
-42.5°	20.7	20.1	19.4	18.8	18.1	17.5	16.8	15.8	14.9	13.9	12.9
-43.75°	20.2	19.6	18.9	18.3	17.7	17.0	16.2	15.2	14.3	13.3	12.3
-45°	19.6	19.0	18.4	17.8	17.2	16.5	15.6	14.6	13.7	12.7	11.7
-46.25°	19.1	18.5	17.9	17.3	16.7	15.8	14.9	14.0	13.1	12.1	11.2
-47.5°	18.5	18.0	17.4	16.8	16.0	15.1	14.2	13.4	12.4	11.5	10.7
-48.75°	18.0	17.4	16.9	16.1	15.3	14.4	13.6	12.7	11.8	10.9	10.3
-50°	17.4	16.9	16.1	15.3	14.5	13.7	12.9	12.0	11.1	10.5	9.9
-51.25°	16.8	16.1	15.3	14.6	13.8	13.0	12.1	11.3	10.6	10.1	9.5
-52.5°	16.0	15.3	14.5	13.8	13.0	12.2	11.4	10.7	10.2	9.6	9.1
-53.75°	15.1	14.4	13.7	13.0	12.2	11.5	10.8	10.2	9.7	9.2	8.7
-55°	14.2	13.6	12.9	12.1	11.4	10.8	10.3	9.8	9.3	8.7	8.2
-56.25°	13.4	12.7	12.0	11.3	10.7	10.2	9.8	9.3	8.8	8.3	7.8
-57.5°	12.4	11.8	11.1	10.6	10.2	9.7	9.3	8.8	8.3	7.8	7.4
-58.75°	11.5	10.9	10.5	10.1	9.6	9.2	8.7	8.3	7.8	7.4	6.9
-60°	10.7	10.3	9.9	9.5	9.1	8.7	8.2	7.8	7.4	6.9	6.9
-61.25°	10.1	9.7	9.3	8.9	8.5	8.1	7.7	7.3	6.9	6.9	6.9
-62.5°	9.4	9.1	8.7	8.3	8.0	7.6	7.2	6.9	6.9	6.9	6.9
-63.75°	8.8	8.5	8.1	7.8	7.4	7.0	6.9	6.9	6.9	6.9	6.9
-65°	8.2	7.8	7.5	7.2	6.9	6.9	6.9	6.9	6.9	6.9	6.8
-66.25°	7.5	7.2	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5
-67.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.6	6.5	6.3
-68.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.4	6.2	6.1
-70°	6.9	6.9	6.9	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8
-71.25°	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.6
-72.5°	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.6	5.5	5.4
-73.75°	6.3	6.2	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2
-75°	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1	4.9
-76.25°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5
-77.5°	5.3	5.3	5.2	5.1	5.0	4.9	4.7	4.5	4.3	4.2	4.0



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.0	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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.1	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6
72.5°	5.3	5.2	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
71.25°	5.5	5.4	5.2	5.1	5.0	4.7	4.4	4.0	3.7	3.4	3.1
70°	5.7	5.6	5.4	5.3	5.2	5.0	4.7	4.4	4.0	3.7	3.4
68.75°	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.7	4.4	4.0	3.7
67.5°	6.1	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.7	4.3	3.9
66.25°	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.6	4.2
65°	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.8	4.4
63.75°	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.7
62.5°	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9
61.25°	6.9	6.9	6.8	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.1
60°	6.9	6.9	6.9	6.8	6.5	6.3	6.1	5.8	5.6	5.4	5.2
58.75°	6.9	6.9	6.9	6.9	6.7	6.5	6.2	6.0	5.8	5.5	5.3
57.5°	6.9	6.9	6.9	6.9	6.9	6.6	6.4	6.1	5.9	5.6	5.4
56.25°	7.3	6.9	6.9	6.9	6.9	6.8	6.5	6.3	6.0	5.8	5.5
55°	7.7	7.2	6.9	6.9	6.9	6.9	6.7	6.4	6.1	5.9	5.6
53.75°	8.1	7.6	7.0	6.9	6.9	6.9	6.9	6.6	6.3	6.0	5.7
52.5°	8.5	8.0	7.4	6.9	6.9	6.9	6.9	6.7	6.4	6.1	5.8
51.25°	8.9	8.3	7.8	7.2	6.9	6.9	6.9	6.8	6.5	6.2	5.9
50°	9.3	8.7	8.1	7.5	6.9	6.9	6.9	6.9	6.7	6.4	6.0
48.75°	9.7	9.1	8.5	7.8	7.2	6.9	6.9	6.9	6.8	6.5	6.2
47.5°	10.1	9.4	8.8	8.2	7.5	6.9	6.9	6.9	6.9	6.6	6.3
46.25°	10.4	9.8	9.1	8.5	7.8	7.2	6.9	6.9	6.9	6.7	6.4
45°	10.8	10.1	9.5	8.8	8.1	7.5	6.9	6.9	6.9	6.8	6.5
43.75°	11.3	10.5	9.8	9.1	8.4	7.7	7.0	6.9	6.9	6.9	6.6
42.5°	11.8	10.8	10.1	9.4	8.7	8.0	7.3	6.9	6.9	6.9	6.7
41.25°	12.3	11.3	10.4	9.7	9.0	8.3	7.6	6.9	6.9	6.9	6.8
40°	12.8	11.8	10.7	10.0	9.3	8.5	7.8	7.1	6.9	6.9	6.9
38.75°	13.3	12.2	11.1	10.3	9.5	8.8	8.0	7.3	6.9	6.9	6.9
37.5°	13.8	12.7	11.6	10.6	9.8	9.0	8.3	7.5	6.9	6.9	6.9
36.25°	14.3	13.1	12.0	10.8	10.1	9.3	8.5	7.7	6.9	6.9	6.9
35°	14.7	13.6	12.4	11.2	10.3	9.5	8.7	7.9	7.1	6.9	6.9



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	15.1	14.0	12.8	11.6	10.6	9.7	8.9	8.1	7.3	6.9	6.9
32.5°	15.6	14.4	13.2	12.0	10.8	10.0	9.1	8.3	7.5	6.9	6.9
31.25°	16.0	14.8	13.6	12.3	11.1	10.2	9.3	8.5	7.7	6.9	6.9
30°	16.4	15.1	13.9	12.7	11.4	10.4	9.5	8.7	7.8	7.0	6.9
28.75°	16.7	15.5	14.3	13.0	11.7	10.6	9.7	8.9	8.0	7.1	6.9
27.5°	17.0	15.8	14.6	13.3	12.0	10.8	9.9	9.0	8.2	7.3	6.9
26.25°	17.2	16.2	14.9	13.6	12.3	11.0	10.1	9.2	8.3	7.4	6.9
25°	17.5	16.5	15.2	13.9	12.6	11.3	10.2	9.3	8.4	7.6	6.9
23.75°	17.7	16.8	15.5	14.2	12.9	11.5	10.4	9.5	8.6	7.7	6.9
22.5°	17.9	17.0	15.8	14.5	13.1	11.7	10.6	9.6	8.7	7.8	6.9
21.25°	18.1	17.2	16.0	14.7	13.4	12.0	10.7	9.8	8.8	7.9	7.0
20°	18.3	17.4	16.3	14.9	13.6	12.2	10.8	9.9	9.0	8.0	7.1
18.75°	18.5	17.5	16.5	15.2	13.8	12.4	11.0	10.0	9.1	8.1	7.2
17.5°	18.6	17.7	16.7	15.4	14.0	12.6	11.2	10.1	9.2	8.2	7.3
16.25°	18.8	17.9	16.9	15.6	14.2	12.8	11.3	10.2	9.3	8.3	7.4
15°	18.9	18.0	17.0	15.7	14.4	12.9	11.5	10.3	9.4	8.4	7.4
13.75°	19.1	18.1	17.2	15.9	14.5	13.1	11.6	10.4	9.5	8.5	7.5
12.5°	19.2	18.2	17.3	16.1	14.7	13.2	11.8	10.5	9.5	8.6	7.6
11.25°	19.3	18.3	17.4	16.2	14.8	13.4	11.9	10.6	9.6	8.6	7.6
10°	19.4	18.4	17.5	16.3	14.9	13.5	12.0	10.6	9.7	8.7	7.7
8.75°	19.5	18.5	17.5	16.4	15.0	13.6	12.1	10.7	9.7	8.7	7.7
7.5°	19.6	18.6	17.6	16.5	15.1	13.7	12.2	10.8	9.8	8.8	7.8
6.25°	19.7	18.7	17.7	16.6	15.2	13.7	12.2	10.8	9.8	8.8	7.8
5°	19.7	18.7	17.7	16.7	15.2	13.8	12.3	10.8	9.8	8.8	7.8
3.75°	19.7	18.7	17.8	16.7	15.3	13.8	12.3	10.9	9.9	8.9	7.9
2.5°	19.8	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9	8.9	7.9
1.25°	19.8	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9	8.9	7.9
0°	19.8	18.8	17.8	16.8	15.4	13.9	12.4	10.9	9.9	8.9	7.9
-1.25°	19.8	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9	8.9	7.9
-2.5°	19.8	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9	8.9	7.9
-3.75°	19.7	18.7	17.8	16.7	15.3	13.8	12.3	10.9	9.9	8.9	7.9
-5°	19.7	18.7	17.7	16.7	15.2	13.8	12.3	10.8	9.8	8.8	7.8
-6.25°	19.7	18.7	17.7	16.6	15.2	13.7	12.2	10.8	9.8	8.8	7.8
-7.5°	19.6	18.6	17.6	16.5	15.1	13.7	12.2	10.8	9.8	8.8	7.8
-8.75°	19.5	18.5	17.5	16.4	15.0	13.6	12.1	10.7	9.7	8.7	7.7
-10°	19.4	18.4	17.5	16.3	14.9	13.5	12.0	10.6	9.7	8.7	7.7
-11.25°	19.3	18.3	17.4	16.2	14.8	13.4	11.9	10.6	9.6	8.6	7.6
-12.5°	19.2	18.2	17.3	16.1	14.7	13.2	11.8	10.5	9.5	8.6	7.6
-13.75°	19.1	18.1	17.2	15.9	14.5	13.1	11.6	10.4	9.5	8.5	7.5
-15°	18.9	18.0	17.0	15.7	14.4	12.9	11.5	10.3	9.4	8.4	7.4
-16.25°	18.8	17.9	16.9	15.6	14.2	12.8	11.3	10.2	9.3	8.3	7.4
-17.5°	18.6	17.7	16.7	15.4	14.0	12.6	11.2	10.1	9.2	8.2	7.3
-18.75°	18.5	17.5	16.5	15.2	13.8	12.4	11.0	10.0	9.1	8.1	7.2
-20°	18.3	17.4	16.3	14.9	13.6	12.2	10.8	9.9	9.0	8.0	7.1
-21.25°	18.1	17.2	16.0	14.7	13.4	12.0	10.7	9.8	8.8	7.9	7.0



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	17.9	17.0	15.8	14.5	13.1	11.7	10.6	9.6	8.7	7.8	6.9
-23.75°	17.7	16.8	15.5	14.2	12.9	11.5	10.4	9.5	8.6	7.7	6.9
-25°	17.5	16.5	15.2	13.9	12.6	11.3	10.2	9.3	8.4	7.6	6.9
-26.25°	17.2	16.2	14.9	13.6	12.3	11.0	10.1	9.2	8.3	7.4	6.9
-27.5°	17.0	15.8	14.6	13.3	12.0	10.8	9.9	9.0	8.2	7.3	6.9
-28.75°	16.7	15.5	14.3	13.0	11.7	10.6	9.7	8.9	8.0	7.1	6.9
-30°	16.4	15.1	13.9	12.7	11.4	10.4	9.5	8.7	7.8	7.0	6.9
-31.25°	16.0	14.8	13.6	12.3	11.1	10.2	9.3	8.5	7.7	6.9	6.9
-32.5°	15.6	14.4	13.2	12.0	10.8	10.0	9.1	8.3	7.5	6.9	6.9
-33.75°	15.1	14.0	12.8	11.6	10.6	9.7	8.9	8.1	7.3	6.9	6.9
-35°	14.7	13.6	12.4	11.2	10.3	9.5	8.7	7.9	7.1	6.9	6.9
-36.25°	14.3	13.1	12.0	10.8	10.1	9.3	8.5	7.7	6.9	6.9	6.9
-37.5°	13.8	12.7	11.6	10.6	9.8	9.0	8.3	7.5	6.9	6.9	6.9
-38.75°	13.3	12.2	11.1	10.3	9.5	8.8	8.0	7.3	6.9	6.9	6.9
-40°	12.8	11.8	10.7	10.0	9.3	8.5	7.8	7.1	6.9	6.9	6.9
-41.25°	12.3	11.3	10.4	9.7	9.0	8.3	7.6	6.9	6.9	6.9	6.8
-42.5°	11.8	10.8	10.1	9.4	8.7	8.0	7.3	6.9	6.9	6.9	6.7
-43.75°	11.3	10.5	9.8	9.1	8.4	7.7	7.0	6.9	6.9	6.9	6.6
-45°	10.8	10.1	9.5	8.8	8.1	7.5	6.9	6.9	6.9	6.8	6.5
-46.25°	10.4	9.8	9.1	8.5	7.8	7.2	6.9	6.9	6.9	6.7	6.4
-47.5°	10.1	9.4	8.8	8.2	7.5	6.9	6.9	6.9	6.9	6.6	6.3
-48.75°	9.7	9.1	8.5	7.8	7.2	6.9	6.9	6.9	6.8	6.5	6.2
-50°	9.3	8.7	8.1	7.5	6.9	6.9	6.9	6.9	6.7	6.4	6.0
-51.25°	8.9	8.3	7.8	7.2	6.9	6.9	6.9	6.8	6.5	6.2	5.9
-52.5°	8.5	8.0	7.4	6.9	6.9	6.9	6.9	6.7	6.4	6.1	5.8
-53.75°	8.1	7.6	7.0	6.9	6.9	6.9	6.9	6.6	6.3	6.0	5.7
-55°	7.7	7.2	6.9	6.9	6.9	6.9	6.7	6.4	6.1	5.9	5.6
-56.25°	7.3	6.9	6.9	6.9	6.9	6.8	6.5	6.3	6.0	5.8	5.5
-57.5°	6.9	6.9	6.9	6.9	6.9	6.6	6.4	6.1	5.9	5.6	5.4
-58.75°	6.9	6.9	6.9	6.9	6.7	6.5	6.2	6.0	5.8	5.5	5.3
-60°	6.9	6.9	6.9	6.8	6.5	6.3	6.1	5.8	5.6	5.4	5.2
-61.25°	6.9	6.9	6.8	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.1
-62.5°	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.9
-63.75°	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.7
-65°	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.8	4.4
-66.25°	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.6	4.2
-67.5°	6.1	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.7	4.3	3.9
-68.75°	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.7	4.4	4.0	3.7
-70°	5.7	5.6	5.4	5.3	5.2	5.0	4.7	4.4	4.0	3.7	3.4
-71.25°	5.5	5.4	5.2	5.1	5.0	4.7	4.4	4.0	3.7	3.4	3.1
-72.5°	5.3	5.2	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
-73.75°	5.1	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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	5.1	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1	0.8	0.5
57.5°	5.2	4.9	4.3	3.8	3.3	2.8	2.2	1.7	1.1	0.8	0.5
56.25°	5.3	5.0	4.5	4.0	3.4	2.9	2.3	1.8	1.2	0.8	0.6
55°	5.4	5.1	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.9	0.6
53.75°	5.5	5.2	4.9	4.3	3.7	3.1	2.5	2.0	1.4	0.9	0.6
52.5°	5.6	5.3	5.0	4.5	3.9	3.3	2.6	2.0	1.4	0.9	0.6
51.25°	5.7	5.4	5.1	4.6	4.0	3.4	2.7	2.1	1.5	0.9	0.6
50°	5.7	5.5	5.2	4.8	4.1	3.5	2.9	2.2	1.6	1.0	0.6
48.75°	5.8	5.5	5.3	4.9	4.3	3.6	2.9	2.3	1.6	1.0	0.7
47.5°	5.9	5.6	5.3	5.0	4.4	3.7	3.0	2.4	1.7	1.0	0.7
46.25°	6.0	5.7	5.4	5.1	4.5	3.8	3.1	2.5	1.8	1.1	0.7
45°	6.1	5.8	5.5	5.2	4.6	3.9	3.2	2.5	1.8	1.1	0.7
43.75°	6.2	5.9	5.5	5.2	4.8	4.0	3.3	2.6	1.9	1.2	0.7
42.5°	6.3	5.9	5.6	5.3	4.9	4.2	3.4	2.7	1.9	1.2	0.7
41.25°	6.4	6.0	5.7	5.3	5.0	4.3	3.5	2.8	2.0	1.3	0.8
40°	6.5	6.1	5.7	5.4	5.1	4.4	3.6	2.8	2.1	1.3	0.8
38.75°	6.6	6.2	5.8	5.5	5.1	4.5	3.7	2.9	2.1	1.3	0.8
37.5°	6.6	6.2	5.9	5.5	5.2	4.5	3.8	3.0	2.2	1.4	0.8
36.25°	6.7	6.3	5.9	5.6	5.2	4.6	3.8	3.0	2.2	1.4	0.8
35°	6.8	6.4	6.0	5.6	5.2	4.7	3.9	3.1	2.3	1.5	0.8



REPORT NUMBER: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	6.9	6.5	6.0	5.7	5.3	4.8	4.0	3.2	2.3	1.5	0.8
32.5°	6.9	6.5	6.1	5.7	5.3	4.9	4.1	3.2	2.4	1.5	0.8
31.25°	6.9	6.6	6.2	5.8	5.4	5.0	4.1	3.3	2.4	1.6	0.9
30°	6.9	6.7	6.2	5.8	5.4	5.0	4.2	3.3	2.5	1.6	0.9
28.75°	6.9	6.7	6.3	5.8	5.5	5.1	4.3	3.4	2.5	1.6	0.9
27.5°	6.9	6.8	6.3	5.9	5.5	5.1	4.3	3.4	2.5	1.7	0.9
26.25°	6.9	6.8	6.4	5.9	5.5	5.1	4.4	3.5	2.6	1.7	0.9
25°	6.9	6.9	6.4	6.0	5.6	5.2	4.4	3.5	2.6	1.7	0.9
23.75°	6.9	6.9	6.5	6.0	5.6	5.2	4.5	3.6	2.7	1.7	0.9
22.5°	6.9	6.9	6.5	6.1	5.6	5.2	4.5	3.6	2.7	1.8	0.9
21.25°	6.9	6.9	6.6	6.1	5.7	5.2	4.6	3.7	2.7	1.8	0.9
20°	6.9	6.9	6.6	6.1	5.7	5.3	4.6	3.7	2.8	1.8	0.9
18.75°	6.9	6.9	6.6	6.2	5.7	5.3	4.7	3.7	2.8	1.8	0.9
17.5°	6.9	6.9	6.7	6.2	5.7	5.3	4.7	3.8	2.8	1.9	1.0
16.25°	6.9	6.9	6.7	6.2	5.8	5.3	4.8	3.8	2.8	1.9	1.0
15°	6.9	6.9	6.7	6.2	5.8	5.3	4.8	3.8	2.9	1.9	1.0
13.75°	6.9	6.9	6.8	6.3	5.8	5.4	4.8	3.9	2.9	1.9	1.0
12.5°	6.9	6.9	6.8	6.3	5.8	5.4	4.9	3.9	2.9	1.9	1.0
11.25°	6.9	6.9	6.8	6.3	5.8	5.4	4.9	3.9	2.9	1.9	1.0
10°	6.9	6.9	6.8	6.3	5.8	5.4	4.9	3.9	2.9	2.0	1.0
8.75°	6.9	6.9	6.8	6.3	5.9	5.4	4.9	3.9	3.0	2.0	1.0
7.5°	6.9	6.9	6.9	6.4	5.9	5.4	4.9	4.0	3.0	2.0	1.0
6.25°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
5°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
3.75°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
2.5°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
1.25°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
0°	6.9	6.9	6.9	6.4	5.9	5.5	5.0	4.0	3.0	2.0	1.0
-1.25°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
-2.5°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
-3.75°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
-5°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
-6.25°	6.9	6.9	6.9	6.4	5.9	5.4	5.0	4.0	3.0	2.0	1.0
-7.5°	6.9	6.9	6.9	6.4	5.9	5.4	4.9	4.0	3.0	2.0	1.0
-8.75°	6.9	6.9	6.8	6.3	5.9	5.4	4.9	3.9	3.0	2.0	1.0
-10°	6.9	6.9	6.8	6.3	5.8	5.4	4.9	3.9	2.9	2.0	1.0
-11.25°	6.9	6.9	6.8	6.3	5.8	5.4	4.9	3.9	2.9	1.9	1.0
-12.5°	6.9	6.9	6.8	6.3	5.8	5.4	4.9	3.9	2.9	1.9	1.0
-13.75°	6.9	6.9	6.8	6.3	5.8	5.4	4.8	3.9	2.9	1.9	1.0
-15°	6.9	6.9	6.7	6.2	5.8	5.3	4.8	3.8	2.9	1.9	1.0
-16.25°	6.9	6.9	6.7	6.2	5.8	5.3	4.8	3.8	2.8	1.9	1.0
-17.5°	6.9	6.9	6.7	6.2	5.7	5.3	4.7	3.8	2.8	1.9	1.0
-18.75°	6.9	6.9	6.6	6.2	5.7	5.3	4.7	3.7	2.8	1.8	0.9
-20°	6.9	6.9	6.6	6.1	5.7	5.3	4.6	3.7	2.8	1.8	0.9
-21.25°	6.9	6.9	6.6	6.1	5.7	5.2	4.6	3.7	2.7	1.8	0.9





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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°	6.9	6.9	6.5	6.1	5.6	5.2	4.5	3.6	2.7	1.8	0.9
-23.75°	6.9	6.9	6.5	6.0	5.6	5.2	4.5	3.6	2.7	1.7	0.9
-25°	6.9	6.9	6.4	6.0	5.6	5.2	4.4	3.5	2.6	1.7	0.9
-26.25°	6.9	6.8	6.4	5.9	5.5	5.1	4.4	3.5	2.6	1.7	0.9
-27.5°	6.9	6.8	6.3	5.9	5.5	5.1	4.3	3.4	2.5	1.7	0.9
-28.75°	6.9	6.7	6.3	5.8	5.5	5.1	4.3	3.4	2.5	1.6	0.9
-30°	6.9	6.7	6.2	5.8	5.4	5.0	4.2	3.3	2.5	1.6	0.9
-31.25°	6.9	6.6	6.2	5.8	5.4	5.0	4.1	3.3	2.4	1.6	0.9
-32.5°	6.9	6.5	6.1	5.7	5.3	4.9	4.1	3.2	2.4	1.5	0.8
-33.75°	6.9	6.5	6.0	5.7	5.3	4.8	4.0	3.2	2.3	1.5	0.8
-35°	6.8	6.4	6.0	5.6	5.2	4.7	3.9	3.1	2.3	1.5	0.8
-36.25°	6.7	6.3	5.9	5.6	5.2	4.6	3.8	3.0	2.2	1.4	0.8
-37.5°	6.6	6.2	5.9	5.5	5.2	4.5	3.8	3.0	2.2	1.4	0.8
-38.75°	6.6	6.2	5.8	5.5	5.1	4.5	3.7	2.9	2.1	1.3	0.8
-40°	6.5	6.1	5.7	5.4	5.1	4.4	3.6	2.8	2.1	1.3	0.8
-41.25°	6.4	6.0	5.7	5.3	5.0	4.3	3.5	2.8	2.0	1.3	0.8
-42.5°	6.3	5.9	5.6	5.3	4.9	4.2	3.4	2.7	1.9	1.2	0.7
-43.75°	6.2	5.9	5.5	5.2	4.8	4.0	3.3	2.6	1.9	1.2	0.7
-45°	6.1	5.8	5.5	5.2	4.6	3.9	3.2	2.5	1.8	1.1	0.7
-46.25°	6.0	5.7	5.4	5.1	4.5	3.8	3.1	2.5	1.8	1.1	0.7
-47.5°	5.9	5.6	5.3	5.0	4.4	3.7	3.0	2.4	1.7	1.0	0.7
-48.75°	5.8	5.5	5.3	4.9	4.3	3.6	2.9	2.3	1.6	1.0	0.7
-50°	5.7	5.5	5.2	4.8	4.1	3.5	2.9	2.2	1.6	1.0	0.6
-51.25°	5.7	5.4	5.1	4.6	4.0	3.4	2.7	2.1	1.5	0.9	0.6
-52.5°	5.6	5.3	5.0	4.5	3.9	3.3	2.6	2.0	1.4	0.9	0.6
-53.75°	5.5	5.2	4.9	4.3	3.7	3.1	2.5	2.0	1.4	0.9	0.6
-55°	5.4	5.1	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.9	0.6
-56.25°	5.3	5.0	4.5	4.0	3.4	2.9	2.3	1.8	1.2	0.8	0.6
-57.5°	5.2	4.9	4.3	3.8	3.3	2.8	2.2	1.7	1.1	0.8	0.5
-58.75°	5.1	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



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.3	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



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	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



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**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: P221149 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-M-WT-LC2-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



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**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)