

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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

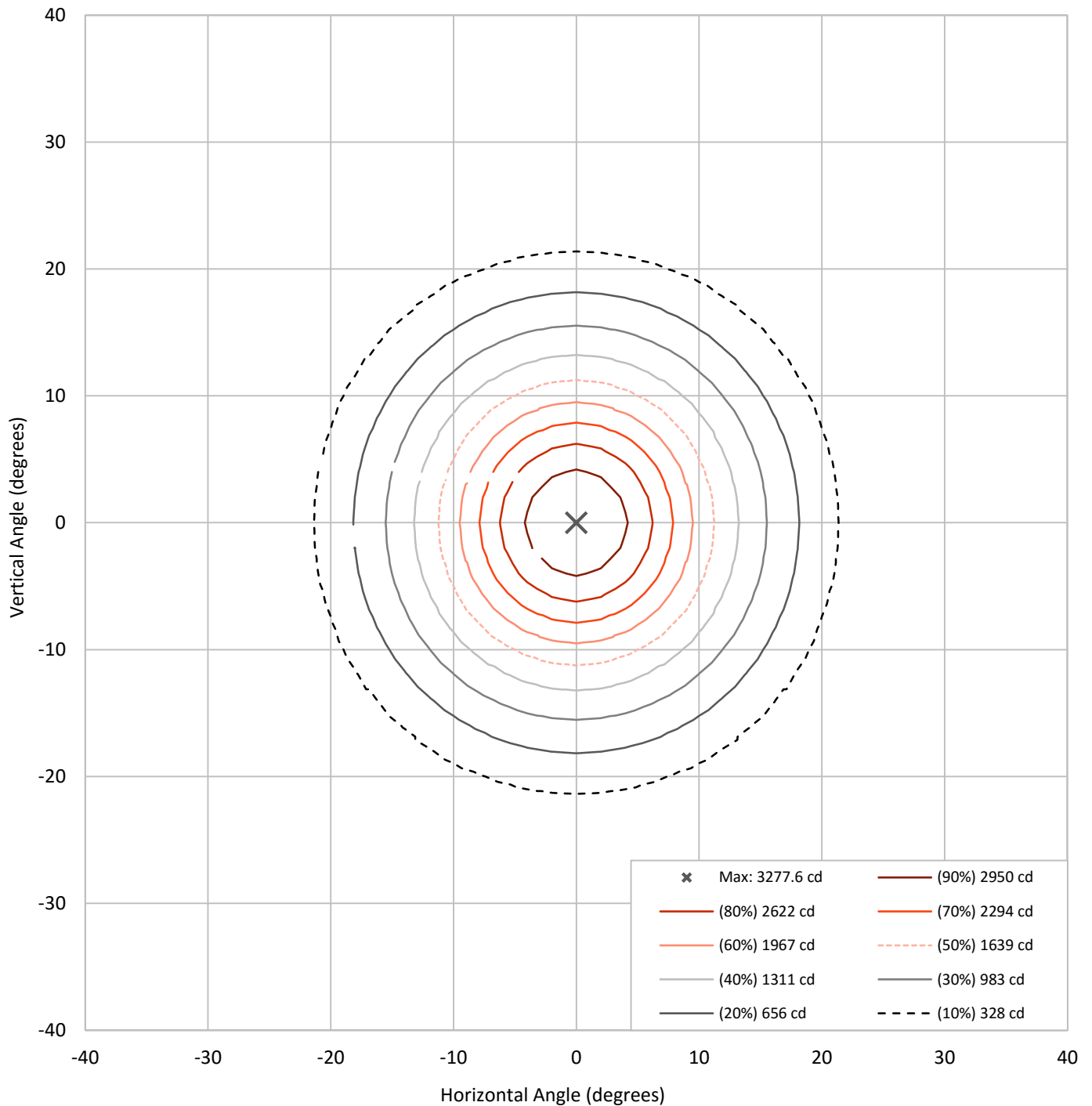
Test Method: LM-79-08  
Report Number: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29550)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT 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:	3H x 3V
Luminaire Lumens:	666.7 lumens	Max Intensity:	3277.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	27.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	22.4°H x 22.4°V	Field Angle (10%):	42.6°H x 42.6°V
Beam Lumens:	282.6 lumens	Field Lumens:	543.6 lumens
Beam Efficiency:	42.4%	Field Efficiency:	81.5%
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		

REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

### Iso-Candela Plot





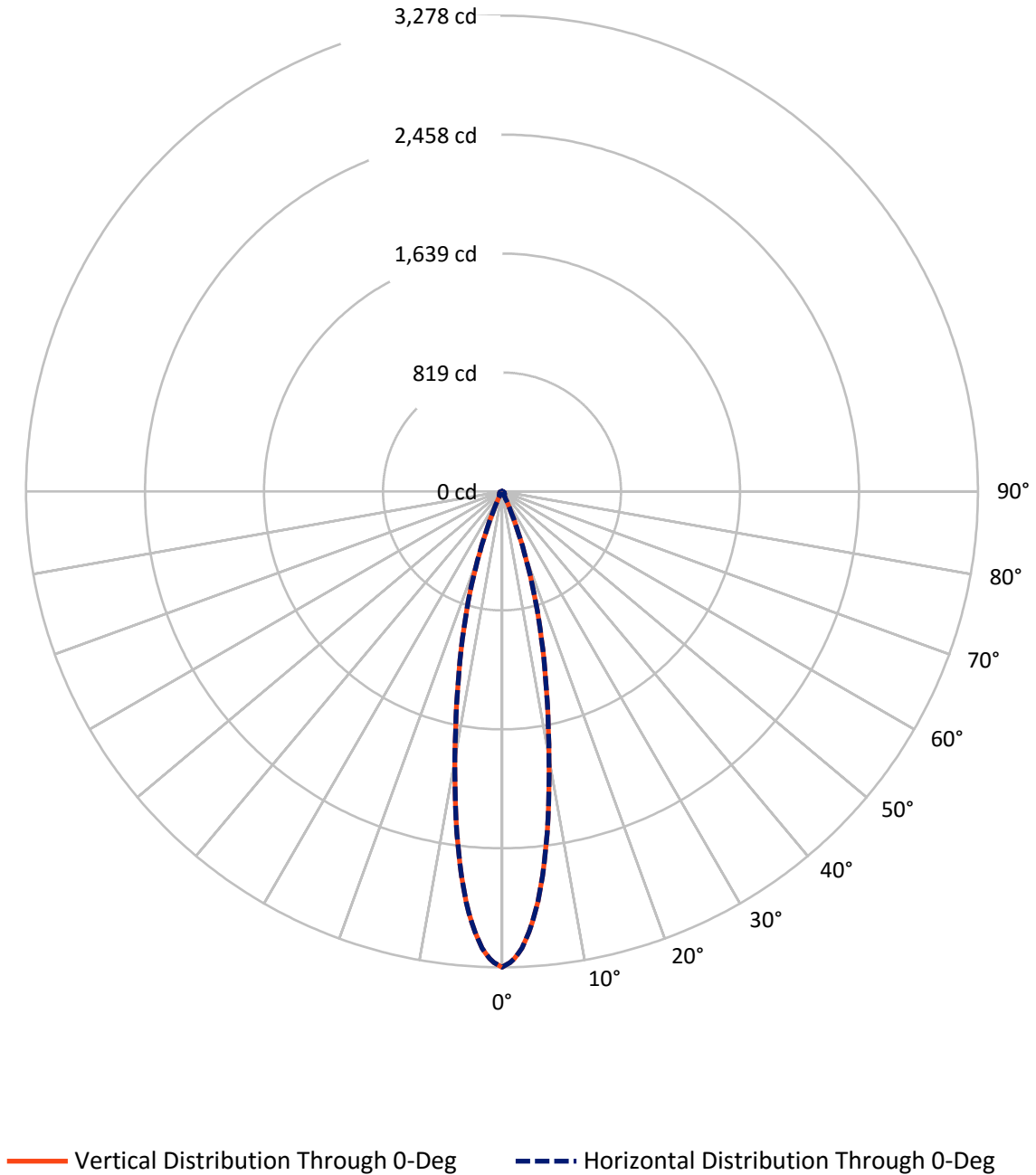
REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

### Lumen Table

90	0.0	0.2	0.4	0.5	0.6	0.5	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.5	0.6	0.5	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1				
50	0.1	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.1			
40		0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.1				
30	0.1	0.2	0.3	0.5	0.6	0.8	1.4	3.8	3.8	1.4	0.8	0.6	0.5	0.3	0.2	0.1			
20		0.2	0.3	0.5	0.7	1.4	11.1	28.5	28.5	11.1	1.4	0.7	0.5	0.3	0.2				
10	0.1	0.2	0.4	0.5	0.7	3.5	27.8	70.0	70.0	27.8	3.5	0.7	0.5	0.4	0.2	0.1			
0		0.2	0.4	0.5	0.7	3.5	27.8	70.0	70.0	27.8	3.5	0.7	0.5	0.4	0.2				
-10	0.1	0.2	0.3	0.5	0.7	1.4	11.1	28.5	28.5	11.1	1.4	0.7	0.5	0.3	0.2	0.1			
-20		0.2	0.3	0.5	0.6	0.8	1.4	3.8	3.8	1.4	0.8	0.6	0.5	0.3	0.2				
-30	0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.1	0.1			
-40		0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1				
-50	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1				
-70	0.0	0.2	0.4	0.5	0.6	0.5	0.4	0.2	0.0							0.0			
-80		0.2	0.4	0.5	0.6	0.5	0.4	0.2	0.0										
-90	0.0	0.2	0.4	0.5	0.6	0.5	0.4	0.2	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

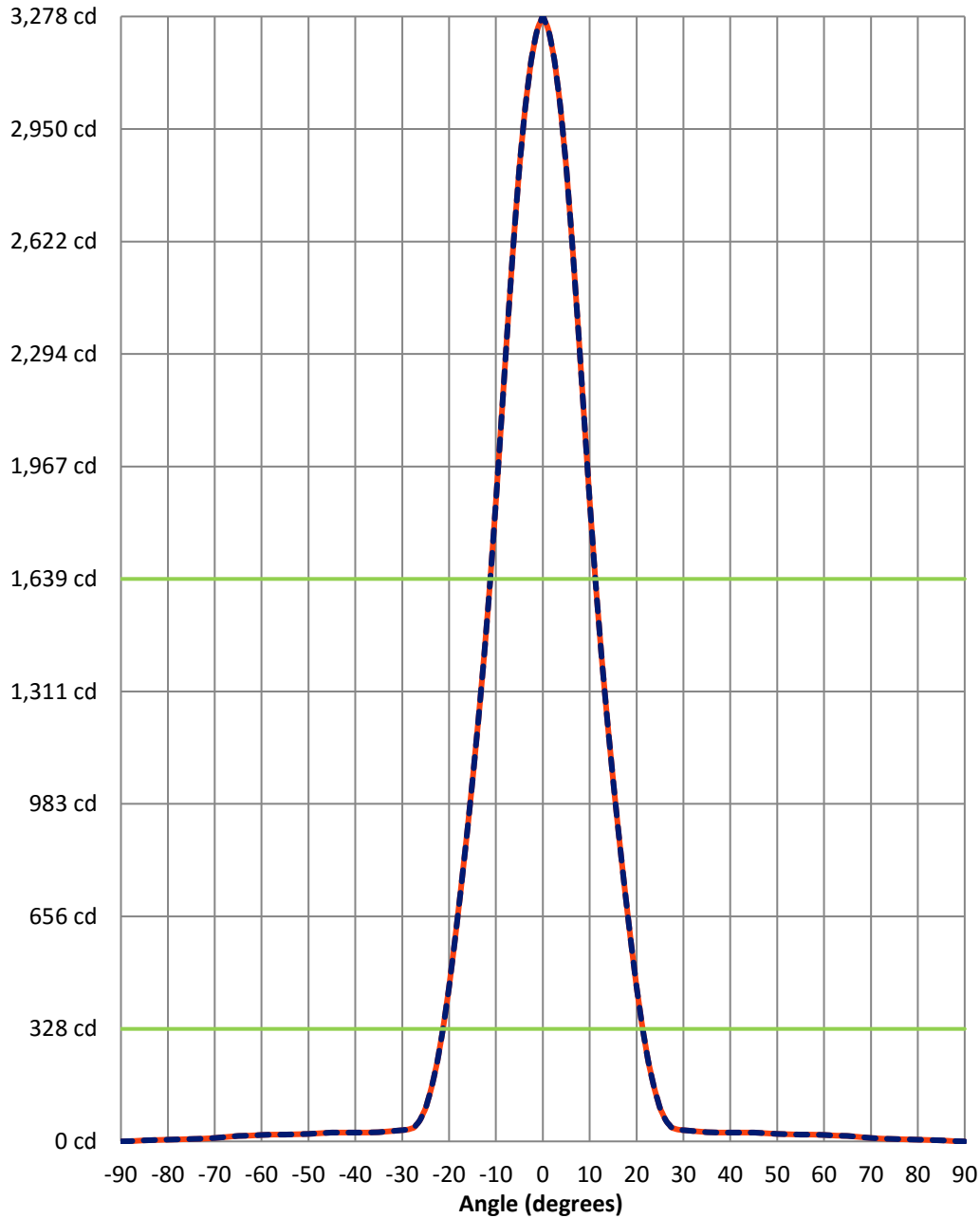
REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

### Luminous Intensity Polar Plot



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.4°  
 V Angle: 22.4°  
 Lumens: 282.6  
 Efficiency: 42.4%

**Field:**  
 H Angle: 42.6°  
 V Angle: 42.6°  
 Lumens: 543.6  
 Efficiency: 81.5%

**Spill:**  
 Lumens: 123.2  
 Efficiency: 18.5%

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



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

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	3.1
63.75°	0.0	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.5	3.0	3.2
62.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.8	2.2	2.7	3.1	3.3
61.25°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.4	2.8	3.2	3.4
60°	0.0	0.2	0.5	0.7	1.0	1.5	2.0	2.5	3.0	3.2	3.5
58.75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.3	3.6
57.5°	0.0	0.3	0.5	0.8	1.1	1.7	2.2	2.8	3.1	3.4	3.7
56.25°	0.0	0.3	0.6	0.8	1.2	1.8	2.3	2.9	3.2	3.5	3.8
55°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.3	3.6	3.9
53.75°	0.0	0.3	0.6	0.9	1.4	2.0	2.5	3.1	3.4	3.6	3.9
52.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.1	3.4	3.7	4.0
51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.2	3.5	3.8	4.1
50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.2	3.6	3.9	4.2
48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.3	3.6	4.0	4.3
47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.4	3.7	4.0	4.4
46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.4	3.8	4.1	4.4
45°	0.0	0.4	0.7	1.1	1.8	2.5	3.1	3.5	3.8	4.2	4.5
43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.2	3.5	3.9	4.2	4.6
42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.2	3.6	3.9	4.3	4.7
41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.3	3.6	4.0	4.4	4.7
40°	0.0	0.4	0.8	1.3	2.1	2.8	3.3	3.7	4.1	4.4	4.8
38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.3	3.7	4.1	4.5	4.9
37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.4	3.8	4.2	4.6	5.0
36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.4	3.8	4.2	4.6	5.0
35°	0.0	0.4	0.8	1.5	2.3	3.0	3.5	3.9	4.3	4.7	5.1



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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	3.1	3.5	3.9	4.3	4.7	5.1
32.5°	0.0	0.4	0.8	1.5	2.4	3.1	3.5	3.9	4.4	4.8	5.2
31.25°	0.0	0.4	0.9	1.6	2.4	3.1	3.6	4.0	4.4	4.8	5.2
30°	0.0	0.4	0.9	1.6	2.5	3.2	3.6	4.0	4.5	4.9	5.3
28.75°	0.0	0.4	0.9	1.6	2.5	3.2	3.6	4.1	4.5	4.9	5.3
27.5°	0.0	0.4	0.9	1.7	2.5	3.2	3.7	4.1	4.5	5.0	5.4
26.25°	0.0	0.4	0.9	1.7	2.6	3.2	3.7	4.1	4.6	5.0	5.4
25°	0.0	0.5	0.9	1.7	2.6	3.3	3.7	4.2	4.6	5.1	5.5
23.75°	0.0	0.5	0.9	1.7	2.7	3.3	3.7	4.2	4.7	5.1	5.5
22.5°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.2	4.7	5.1	5.6
21.25°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.3	4.7	5.2	5.6
20°	0.0	0.5	0.9	1.8	2.8	3.3	3.8	4.3	4.8	5.2	5.6
18.75°	0.0	0.5	0.9	1.8	2.8	3.4	3.8	4.3	4.8	5.2	5.7
17.5°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.3	4.8	5.3	5.7
16.25°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.4	4.8	5.3	5.7
15°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.3	5.7
13.75°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.3	5.8
12.5°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.4	5.8
11.25°	0.0	0.5	1.0	1.9	2.9	3.5	3.9	4.4	4.9	5.4	5.8
10°	0.0	0.5	1.0	2.0	2.9	3.5	4.0	4.4	4.9	5.4	5.8
8.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.8
7.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
6.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
3.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
2.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
1.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
0°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-1.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-2.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-3.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-6.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-7.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-8.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.8
-10°	0.0	0.5	1.0	2.0	2.9	3.5	4.0	4.4	4.9	5.4	5.8
-11.25°	0.0	0.5	1.0	1.9	2.9	3.5	3.9	4.4	4.9	5.4	5.8
-12.5°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.4	5.8
-13.75°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.3	5.8
-15°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.3	5.7
-16.25°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.4	4.8	5.3	5.7
-17.5°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.3	4.8	5.3	5.7
-18.75°	0.0	0.5	0.9	1.8	2.8	3.4	3.8	4.3	4.8	5.2	5.7
-20°	0.0	0.5	0.9	1.8	2.8	3.3	3.8	4.3	4.8	5.2	5.6
-21.25°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.3	4.7	5.2	5.6





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°
-22.5°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.2	4.7	5.1	5.6
-23.75°	0.0	0.5	0.9	1.7	2.7	3.3	3.7	4.2	4.7	5.1	5.5
-25°	0.0	0.5	0.9	1.7	2.6	3.3	3.7	4.2	4.6	5.1	5.5
-26.25°	0.0	0.4	0.9	1.7	2.6	3.2	3.7	4.1	4.6	5.0	5.4
-27.5°	0.0	0.4	0.9	1.7	2.5	3.2	3.7	4.1	4.5	5.0	5.4
-28.75°	0.0	0.4	0.9	1.6	2.5	3.2	3.6	4.1	4.5	4.9	5.3
-30°	0.0	0.4	0.9	1.6	2.5	3.2	3.6	4.0	4.5	4.9	5.3
-31.25°	0.0	0.4	0.9	1.6	2.4	3.1	3.6	4.0	4.4	4.8	5.2
-32.5°	0.0	0.4	0.8	1.5	2.4	3.1	3.5	3.9	4.4	4.8	5.2
-33.75°	0.0	0.4	0.8	1.5	2.3	3.1	3.5	3.9	4.3	4.7	5.1
-35°	0.0	0.4	0.8	1.5	2.3	3.0	3.5	3.9	4.3	4.7	5.1
-36.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.4	3.8	4.2	4.6	5.0
-37.5°	0.0	0.4	0.8	1.4	2.2	3.0	3.4	3.8	4.2	4.6	5.0
-38.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.3	3.7	4.1	4.5	4.9
-40°	0.0	0.4	0.8	1.3	2.1	2.8	3.3	3.7	4.1	4.4	4.8
-41.25°	0.0	0.4	0.8	1.3	2.0	2.8	3.3	3.6	4.0	4.4	4.7
-42.5°	0.0	0.4	0.7	1.2	1.9	2.7	3.2	3.6	3.9	4.3	4.7
-43.75°	0.0	0.4	0.7	1.2	1.9	2.6	3.2	3.5	3.9	4.2	4.6
-45°	0.0	0.4	0.7	1.1	1.8	2.5	3.1	3.5	3.8	4.2	4.5
-46.25°	0.0	0.3	0.7	1.1	1.8	2.5	3.1	3.4	3.8	4.1	4.4
-47.5°	0.0	0.3	0.7	1.0	1.7	2.4	3.0	3.4	3.7	4.0	4.4
-48.75°	0.0	0.3	0.7	1.0	1.6	2.3	2.9	3.3	3.6	4.0	4.3
-50°	0.0	0.3	0.6	1.0	1.6	2.2	2.9	3.2	3.6	3.9	4.2
-51.25°	0.0	0.3	0.6	0.9	1.5	2.1	2.7	3.2	3.5	3.8	4.1
-52.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.1	3.4	3.7	4.0
-53.75°	0.0	0.3	0.6	0.9	1.4	2.0	2.5	3.1	3.4	3.6	3.9
-55°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.3	3.6	3.9
-56.25°	0.0	0.3	0.6	0.8	1.2	1.8	2.3	2.9	3.2	3.5	3.8
-57.5°	0.0	0.3	0.5	0.8	1.1	1.7	2.2	2.8	3.1	3.4	3.7
-58.75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.3	3.6
-60°	0.0	0.2	0.5	0.7	1.0	1.5	2.0	2.5	3.0	3.2	3.5
-61.25°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.4	2.8	3.2	3.4
-62.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.8	2.2	2.7	3.1	3.3
-63.75°	0.0	0.2	0.4	0.7	0.9	1.2	1.6	2.1	2.5	3.0	3.2
-65°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.4	2.8	3.1
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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	0.2	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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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	3.1	3.2
76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.1	3.2	3.3	3.4
75°	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.3	3.4	3.5	3.6
73.75°	2.1	2.3	2.6	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8
72.5°	2.3	2.6	2.9	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1
71.25°	2.5	2.8	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3
70°	2.7	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.2	4.3	4.5
68.75°	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.5	4.7
67.5°	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9
66.25°	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1
65°	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3
63.75°	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
62.5°	3.5	3.7	4.0	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.6
61.25°	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.8
60°	3.7	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0
58.75°	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.5	5.7	6.0	6.2
57.5°	3.9	4.2	4.5	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.4
56.25°	4.0	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.3	6.6
55°	4.1	4.4	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5	6.8
53.75°	4.2	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.7	7.0
52.5°	4.3	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.6	6.9	7.1
51.25°	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.3
50°	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5
48.75°	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.1	7.4	7.7
47.5°	4.7	5.0	5.3	5.6	5.9	6.2	6.6	6.9	7.2	7.5	7.9
46.25°	4.8	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.4	7.7	8.1
45°	4.9	5.2	5.5	5.8	6.2	6.5	6.8	7.2	7.5	7.9	8.5
43.75°	5.0	5.3	5.6	5.9	6.3	6.6	7.0	7.3	7.7	8.1	8.8
42.5°	5.0	5.4	5.7	6.0	6.4	6.7	7.1	7.5	7.8	8.4	9.1
41.25°	5.1	5.4	5.8	6.1	6.5	6.9	7.2	7.6	8.0	8.7	9.4
40°	5.2	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.3	9.0	9.7
38.75°	5.2	5.6	5.9	6.3	6.7	7.1	7.5	7.8	8.5	9.3	10.1
37.5°	5.3	5.7	6.0	6.4	6.8	7.2	7.6	8.0	8.8	9.6	10.6
36.25°	5.4	5.7	6.1	6.5	6.9	7.3	7.7	8.3	9.1	9.8	11.0
35°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.5	9.3	10.2	11.4



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.7	9.6	10.6	11.8
32.5°	5.6	5.9	6.4	6.8	7.2	7.6	8.1	9.0	9.8	11.0	12.2
31.25°	5.6	6.0	6.4	6.9	7.3	7.7	8.3	9.2	10.1	11.3	12.6
30°	5.7	6.1	6.5	6.9	7.4	7.8	8.5	9.4	10.4	11.7	12.9
28.75°	5.7	6.1	6.6	7.0	7.4	7.9	8.7	9.6	10.7	12.0	13.3
27.5°	5.8	6.2	6.6	7.1	7.5	8.0	8.9	9.8	11.0	12.3	13.6
26.25°	5.8	6.3	6.7	7.2	7.6	8.2	9.1	10.0	11.3	12.6	13.9
25°	5.9	6.3	6.8	7.2	7.7	8.3	9.2	10.3	11.6	12.9	14.3
23.75°	5.9	6.4	6.8	7.3	7.7	8.5	9.4	10.5	11.9	13.2	14.6
22.5°	6.0	6.4	6.9	7.4	7.8	8.6	9.6	10.7	12.1	13.5	14.8
21.25°	6.0	6.5	6.9	7.4	7.9	8.8	9.7	11.0	12.4	13.7	15.1
20°	6.1	6.5	7.0	7.5	8.0	8.9	9.8	11.2	12.6	14.0	15.4
18.75°	6.1	6.6	7.0	7.5	8.1	9.0	10.0	11.4	12.8	14.2	15.6
17.5°	6.1	6.6	7.1	7.6	8.2	9.1	10.2	11.6	13.0	14.4	15.8
16.25°	6.2	6.7	7.1	7.6	8.3	9.2	10.3	11.8	13.2	14.6	15.9
15°	6.2	6.7	7.2	7.7	8.4	9.3	10.5	11.9	13.4	14.8	16.0
13.75°	6.2	6.7	7.2	7.7	8.5	9.4	10.6	12.1	13.5	15.0	16.1
12.5°	6.3	6.8	7.2	7.7	8.5	9.5	10.8	12.2	13.7	15.1	16.1
11.25°	6.3	6.8	7.3	7.8	8.6	9.6	10.9	12.4	13.8	15.3	16.2
10°	6.3	6.8	7.3	7.8	8.7	9.6	11.0	12.5	13.9	15.4	16.2
8.75°	6.3	6.8	7.3	7.8	8.7	9.7	11.1	12.6	14.0	15.5	16.2
7.5°	6.4	6.8	7.3	7.8	8.8	9.8	11.2	12.7	14.1	15.6	16.3
6.25°	6.4	6.9	7.4	7.9	8.8	9.8	11.2	12.7	14.2	15.7	16.3
5°	6.4	6.9	7.4	7.9	8.8	9.8	11.3	12.8	14.3	15.8	16.3
3.75°	6.4	6.9	7.4	7.9	8.9	9.9	11.3	12.8	14.3	15.8	16.3
2.5°	6.4	6.9	7.4	7.9	8.9	9.9	11.4	12.9	14.4	15.9	16.3
1.25°	6.4	6.9	7.4	7.9	8.9	9.9	11.4	12.9	14.4	15.9	16.3
0°	6.4	6.9	7.4	7.9	8.9	9.9	11.4	12.9	14.4	15.9	16.4
-1.25°	6.4	6.9	7.4	7.9	8.9	9.9	11.4	12.9	14.4	15.9	16.3
-2.5°	6.4	6.9	7.4	7.9	8.9	9.9	11.4	12.9	14.4	15.9	16.3
-3.75°	6.4	6.9	7.4	7.9	8.9	9.9	11.3	12.8	14.3	15.8	16.3
-5°	6.4	6.9	7.4	7.9	8.8	9.8	11.3	12.8	14.3	15.8	16.3
-6.25°	6.4	6.9	7.4	7.9	8.8	9.8	11.2	12.7	14.2	15.7	16.3
-7.5°	6.4	6.8	7.3	7.8	8.8	9.8	11.2	12.7	14.1	15.6	16.3
-8.75°	6.3	6.8	7.3	7.8	8.7	9.7	11.1	12.6	14.0	15.5	16.2
-10°	6.3	6.8	7.3	7.8	8.7	9.6	11.0	12.5	13.9	15.4	16.2
-11.25°	6.3	6.8	7.3	7.8	8.6	9.6	10.9	12.4	13.8	15.3	16.2
-12.5°	6.3	6.8	7.2	7.7	8.5	9.5	10.8	12.2	13.7	15.1	16.1
-13.75°	6.2	6.7	7.2	7.7	8.5	9.4	10.6	12.1	13.5	15.0	16.1
-15°	6.2	6.7	7.2	7.7	8.4	9.3	10.5	11.9	13.4	14.8	16.0
-16.25°	6.2	6.7	7.1	7.6	8.3	9.2	10.3	11.8	13.2	14.6	15.9
-17.5°	6.1	6.6	7.1	7.6	8.2	9.1	10.2	11.6	13.0	14.4	15.8
-18.75°	6.1	6.6	7.0	7.5	8.1	9.0	10.0	11.4	12.8	14.2	15.6
-20°	6.1	6.5	7.0	7.5	8.0	8.9	9.8	11.2	12.6	14.0	15.4
-21.25°	6.0	6.5	6.9	7.4	7.9	8.8	9.7	11.0	12.4	13.7	15.1



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	6.0	6.4	6.9	7.4	7.8	8.6	9.6	10.7	12.1	13.5	14.8
-23.75°	5.9	6.4	6.8	7.3	7.7	8.5	9.4	10.5	11.9	13.2	14.6
-25°	5.9	6.3	6.8	7.2	7.7	8.3	9.2	10.3	11.6	12.9	14.3
-26.25°	5.8	6.3	6.7	7.2	7.6	8.2	9.1	10.0	11.3	12.6	13.9
-27.5°	5.8	6.2	6.6	7.1	7.5	8.0	8.9	9.8	11.0	12.3	13.6
-28.75°	5.7	6.1	6.6	7.0	7.4	7.9	8.7	9.6	10.7	12.0	13.3
-30°	5.7	6.1	6.5	6.9	7.4	7.8	8.5	9.4	10.4	11.7	12.9
-31.25°	5.6	6.0	6.4	6.9	7.3	7.7	8.3	9.2	10.1	11.3	12.6
-32.5°	5.6	5.9	6.4	6.8	7.2	7.6	8.1	9.0	9.8	11.0	12.2
-33.75°	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.7	9.6	10.6	11.8
-35°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.5	9.3	10.2	11.4
-36.25°	5.4	5.7	6.1	6.5	6.9	7.3	7.7	8.3	9.1	9.8	11.0
-37.5°	5.3	5.7	6.0	6.4	6.8	7.2	7.6	8.0	8.8	9.6	10.6
-38.75°	5.2	5.6	5.9	6.3	6.7	7.1	7.5	7.8	8.5	9.3	10.1
-40°	5.2	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.3	9.0	9.7
-41.25°	5.1	5.4	5.8	6.1	6.5	6.9	7.2	7.6	8.0	8.7	9.4
-42.5°	5.0	5.4	5.7	6.0	6.4	6.7	7.1	7.5	7.8	8.4	9.1
-43.75°	5.0	5.3	5.6	5.9	6.3	6.6	7.0	7.3	7.7	8.1	8.8
-45°	4.9	5.2	5.5	5.8	6.2	6.5	6.8	7.2	7.5	7.9	8.5
-46.25°	4.8	5.1	5.4	5.7	6.0	6.4	6.7	7.0	7.4	7.7	8.1
-47.5°	4.7	5.0	5.3	5.6	5.9	6.2	6.6	6.9	7.2	7.5	7.9
-48.75°	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.1	7.4	7.7
-50°	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5
-51.25°	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.7	7.0	7.3
-52.5°	4.3	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.6	6.9	7.1
-53.75°	4.2	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.7	7.0
-55°	4.1	4.4	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5	6.8
-56.25°	4.0	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.3	6.6
-57.5°	3.9	4.2	4.5	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.4
-58.75°	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.5	5.7	6.0	6.2
-60°	3.7	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0
-61.25°	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.8
-62.5°	3.5	3.7	4.0	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.6
-63.75°	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
-65°	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-66.25°	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1
-67.5°	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9
-68.75°	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.5	4.7
-70°	2.7	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.2	4.3	4.5
-71.25°	2.5	2.8	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3
-72.5°	2.3	2.6	2.9	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1
-73.75°	2.1	2.3	2.6	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8
-75°	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.3	3.4	3.5	3.6
-76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.1	3.2	3.3	3.4
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.2



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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	3.1	3.2	3.2
80°	2.7	2.8	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.6
78.75°	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9
77.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2
76.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
75°	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
73.75°	4.0	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1
72.5°	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.4
71.25°	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5	5.6	5.7
70°	4.6	4.8	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.9	6.0
68.75°	4.9	5.0	5.2	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.3
67.5°	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.6
66.25°	5.3	5.4	5.6	5.7	5.9	6.1	6.2	6.4	6.6	6.7	6.9
65°	5.5	5.6	5.8	6.0	6.1	6.3	6.5	6.7	6.9	7.0	7.2
63.75°	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.5
62.5°	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
61.25°	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.3
60°	6.2	6.5	6.7	6.9	7.1	7.4	7.6	7.8	8.1	8.5	8.9
58.75°	6.4	6.7	6.9	7.1	7.4	7.6	7.8	8.2	8.6	9.1	9.5
57.5°	6.6	6.9	7.1	7.4	7.6	7.8	8.3	8.7	9.2	9.6	10.1
56.25°	6.8	7.1	7.4	7.6	7.8	8.3	8.8	9.2	9.7	10.3	11.0
55°	7.0	7.3	7.6	7.8	8.3	8.8	9.3	9.8	10.4	11.1	11.9
53.75°	7.2	7.5	7.8	8.2	8.7	9.2	9.8	10.5	11.2	12.0	12.7
52.5°	7.4	7.7	8.1	8.6	9.2	9.7	10.4	11.2	12.0	12.8	13.5
51.25°	7.6	7.9	8.5	9.1	9.6	10.3	11.1	12.0	12.8	13.6	14.4
50°	7.8	8.3	8.9	9.5	10.1	11.0	11.9	12.7	13.5	14.4	15.2
48.75°	8.1	8.7	9.3	9.9	10.8	11.7	12.6	13.4	14.3	15.1	15.9
47.5°	8.4	9.1	9.7	10.5	11.4	12.4	13.3	14.2	15.0	15.9	16.2
46.25°	8.8	9.4	10.2	11.1	12.1	13.0	13.9	14.9	15.8	16.1	16.4
45°	9.1	9.8	10.7	11.7	12.7	13.7	14.6	15.6	16.1	16.4	16.6
43.75°	9.5	10.3	11.3	12.3	13.3	14.3	15.3	16.0	16.3	16.6	16.9
42.5°	9.8	10.8	11.9	12.9	13.9	14.9	15.9	16.2	16.5	16.8	17.4
41.25°	10.3	11.3	12.4	13.4	14.5	15.5	16.1	16.4	16.7	17.3	17.9
40°	10.8	11.8	12.9	14.0	15.1	16.0	16.3	16.6	17.0	17.7	18.4
38.75°	11.2	12.3	13.4	14.5	15.6	16.1	16.5	16.8	17.5	18.2	18.8
37.5°	11.7	12.8	13.9	15.1	16.0	16.3	16.6	17.2	17.9	18.6	19.1
36.25°	12.1	13.3	14.4	15.6	16.1	16.5	16.8	17.6	18.3	18.9	19.3
35°	12.6	13.7	14.9	16.0	16.3	16.6	17.2	18.0	18.7	19.1	19.5



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	13.0	14.2	15.4	16.1	16.5	16.8	17.6	18.4	19.0	19.3	19.7
32.5°	13.4	14.6	15.8	16.2	16.6	17.2	17.9	18.7	19.2	19.5	19.8
31.25°	13.8	15.0	16.0	16.4	16.7	17.5	18.3	18.9	19.3	19.7	19.8
30°	14.2	15.4	16.1	16.5	17.0	17.8	18.6	19.1	19.5	19.8	19.8
28.75°	14.6	15.8	16.3	16.6	17.3	18.1	18.9	19.3	19.7	19.8	19.8
27.5°	14.9	16.0	16.4	16.8	17.6	18.4	19.0	19.5	19.8	19.8	19.8
26.25°	15.3	16.1	16.5	17.0	17.8	18.7	19.2	19.6	19.8	19.8	19.9
25°	15.6	16.2	16.6	17.2	18.1	18.9	19.3	19.8	19.8	19.8	20.1
23.75°	15.9	16.3	16.7	17.5	18.4	19.0	19.5	19.8	19.8	19.8	20.2
22.5°	16.0	16.4	16.8	17.7	18.6	19.2	19.6	19.8	19.8	19.9	20.4
21.25°	16.1	16.5	17.0	17.9	18.8	19.3	19.7	19.8	19.8	20.1	20.5
20°	16.2	16.6	17.2	18.1	18.9	19.4	19.8	19.8	19.8	20.2	20.7
18.75°	16.2	16.7	17.4	18.3	19.0	19.5	19.8	19.8	19.9	20.3	20.8
17.5°	16.3	16.7	17.6	18.5	19.1	19.6	19.8	19.8	20.0	20.5	20.9
16.25°	16.4	16.8	17.7	18.7	19.2	19.7	19.8	19.8	20.1	20.6	21.0
15°	16.4	16.9	17.9	18.8	19.3	19.8	19.8	19.8	20.2	20.7	21.2
13.75°	16.5	17.1	18.0	18.9	19.4	19.8	19.8	19.8	20.3	20.8	21.3
12.5°	16.5	17.2	18.2	19.0	19.5	19.8	19.8	19.9	20.4	20.9	21.3
11.25°	16.6	17.3	18.3	19.0	19.5	19.8	19.8	20.0	20.5	20.9	21.4
10°	16.6	17.4	18.4	19.1	19.6	19.8	19.8	20.0	20.5	21.0	21.5
8.75°	16.7	17.5	18.5	19.1	19.6	19.8	19.8	20.1	20.6	21.1	21.6
7.5°	16.7	17.6	18.6	19.2	19.7	19.8	19.8	20.2	20.6	21.1	21.6
6.25°	16.7	17.7	18.6	19.2	19.7	19.8	19.8	20.2	20.7	21.2	21.7
5°	16.8	17.7	18.7	19.2	19.7	19.8	19.8	20.2	20.7	21.2	21.7
3.75°	16.8	17.7	18.7	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
2.5°	16.8	17.8	18.8	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
1.25°	16.8	17.8	18.8	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
0°	16.8	17.8	18.8	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
-1.25°	16.8	17.8	18.8	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
-2.5°	16.8	17.8	18.8	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
-3.75°	16.8	17.7	18.7	19.3	19.8	19.8	19.8	20.3	20.8	21.3	21.8
-5°	16.8	17.7	18.7	19.2	19.7	19.8	19.8	20.2	20.7	21.2	21.7
-6.25°	16.7	17.7	18.6	19.2	19.7	19.8	19.8	20.2	20.7	21.2	21.7
-7.5°	16.7	17.6	18.6	19.2	19.7	19.8	19.8	20.2	20.6	21.1	21.6
-8.75°	16.7	17.5	18.5	19.1	19.6	19.8	19.8	20.1	20.6	21.1	21.6
-10°	16.6	17.4	18.4	19.1	19.6	19.8	19.8	20.0	20.5	21.0	21.5
-11.25°	16.6	17.3	18.3	19.0	19.5	19.8	19.8	20.0	20.5	20.9	21.4
-12.5°	16.5	17.2	18.2	19.0	19.5	19.8	19.8	19.9	20.4	20.9	21.3
-13.75°	16.5	17.1	18.0	18.9	19.4	19.8	19.8	19.8	20.3	20.8	21.3
-15°	16.4	16.9	17.9	18.8	19.3	19.8	19.8	19.8	20.2	20.7	21.2
-16.25°	16.4	16.8	17.7	18.7	19.2	19.7	19.8	19.8	20.1	20.6	21.0
-17.5°	16.3	16.7	17.6	18.5	19.1	19.6	19.8	19.8	20.0	20.5	20.9
-18.75°	16.2	16.7	17.4	18.3	19.0	19.5	19.8	19.8	19.9	20.3	20.8
-20°	16.2	16.6	17.2	18.1	18.9	19.4	19.8	19.8	19.8	20.2	20.7
-21.25°	16.1	16.5	17.0	17.9	18.8	19.3	19.7	19.8	19.8	20.1	20.5





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	16.0	16.4	16.8	17.7	18.6	19.2	19.6	19.8	19.8	19.9	20.4
-23.75°	15.9	16.3	16.7	17.5	18.4	19.0	19.5	19.8	19.8	19.8	20.2
-25°	15.6	16.2	16.6	17.2	18.1	18.9	19.3	19.8	19.8	19.8	20.1
-26.25°	15.3	16.1	16.5	17.0	17.8	18.7	19.2	19.6	19.8	19.8	19.9
-27.5°	14.9	16.0	16.4	16.8	17.6	18.4	19.0	19.5	19.8	19.8	19.8
-28.75°	14.6	15.8	16.3	16.6	17.3	18.1	18.9	19.3	19.7	19.8	19.8
-30°	14.2	15.4	16.1	16.5	17.0	17.8	18.6	19.1	19.5	19.8	19.8
-31.25°	13.8	15.0	16.0	16.4	16.7	17.5	18.3	18.9	19.3	19.7	19.8
-32.5°	13.4	14.6	15.8	16.2	16.6	17.2	17.9	18.7	19.2	19.5	19.8
-33.75°	13.0	14.2	15.4	16.1	16.5	16.8	17.6	18.4	19.0	19.3	19.7
-35°	12.6	13.7	14.9	16.0	16.3	16.6	17.2	18.0	18.7	19.1	19.5
-36.25°	12.1	13.3	14.4	15.6	16.1	16.5	16.8	17.6	18.3	18.9	19.3
-37.5°	11.7	12.8	13.9	15.1	16.0	16.3	16.6	17.2	17.9	18.6	19.1
-38.75°	11.2	12.3	13.4	14.5	15.6	16.1	16.5	16.8	17.5	18.2	18.8
-40°	10.8	11.8	12.9	14.0	15.1	16.0	16.3	16.6	17.0	17.7	18.4
-41.25°	10.3	11.3	12.4	13.4	14.5	15.5	16.1	16.4	16.7	17.3	17.9
-42.5°	9.8	10.8	11.9	12.9	13.9	14.9	15.9	16.2	16.5	16.8	17.4
-43.75°	9.5	10.3	11.3	12.3	13.3	14.3	15.3	16.0	16.3	16.6	16.9
-45°	9.1	9.8	10.7	11.7	12.7	13.7	14.6	15.6	16.1	16.4	16.6
-46.25°	8.8	9.4	10.2	11.1	12.1	13.0	13.9	14.9	15.8	16.1	16.4
-47.5°	8.4	9.1	9.7	10.5	11.4	12.4	13.3	14.2	15.0	15.9	16.2
-48.75°	8.1	8.7	9.3	9.9	10.8	11.7	12.6	13.4	14.3	15.1	15.9
-50°	7.8	8.3	8.9	9.5	10.1	11.0	11.9	12.7	13.5	14.4	15.2
-51.25°	7.6	7.9	8.5	9.1	9.6	10.3	11.1	12.0	12.8	13.6	14.4
-52.5°	7.4	7.7	8.1	8.6	9.2	9.7	10.4	11.2	12.0	12.8	13.5
-53.75°	7.2	7.5	7.8	8.2	8.7	9.2	9.8	10.5	11.2	12.0	12.7
-55°	7.0	7.3	7.6	7.8	8.3	8.8	9.3	9.8	10.4	11.1	11.9
-56.25°	6.8	7.1	7.4	7.6	7.8	8.3	8.8	9.2	9.7	10.3	11.0
-57.5°	6.6	6.9	7.1	7.4	7.6	7.8	8.3	8.7	9.2	9.6	10.1
-58.75°	6.4	6.7	6.9	7.1	7.4	7.6	7.8	8.2	8.6	9.1	9.5
-60°	6.2	6.5	6.7	6.9	7.1	7.4	7.6	7.8	8.1	8.5	8.9
-61.25°	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.3
-62.5°	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8
-63.75°	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.5
-65°	5.5	5.6	5.8	6.0	6.1	6.3	6.5	6.7	6.9	7.0	7.2
-66.25°	5.3	5.4	5.6	5.7	5.9	6.1	6.2	6.4	6.6	6.7	6.9
-67.5°	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.6
-68.75°	4.9	5.0	5.2	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.3
-70°	4.6	4.8	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.9	6.0
-71.25°	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5	5.6	5.7
-72.5°	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.4
-73.75°	4.0	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1
-75°	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
-76.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
-77.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9
-80°	2.7	2.8	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.6
-81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.2
-82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
81.25°	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
80°	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.2
78.75°	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.6	4.6
77.5°	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0
76.25°	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.4
75°	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7
73.75°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1
72.5°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5
71.25°	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
70°	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.3
68.75°	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7
67.5°	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.8	8.0	8.3
66.25°	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.3	8.5	8.8	9.1
65°	7.4	7.5	7.7	7.9	8.1	8.4	8.7	9.0	9.3	9.6	9.8
63.75°	7.7	7.9	8.1	8.5	8.8	9.1	9.4	9.7	10.1	10.6	11.0
62.5°	8.1	8.4	8.8	9.1	9.5	9.8	10.3	10.8	11.2	11.7	12.1
61.25°	8.7	9.1	9.4	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.3
60°	9.3	9.7	10.2	10.7	11.3	11.9	12.4	12.9	13.4	13.9	14.4
58.75°	9.9	10.5	11.1	11.7	12.3	12.9	13.4	14.0	14.5	15.1	15.6
57.5°	10.8	11.4	12.1	12.7	13.3	13.9	14.5	15.1	15.6	16.0	16.1
56.25°	11.7	12.4	13.0	13.7	14.3	14.9	15.5	16.0	16.1	16.3	16.5
55°	12.6	13.3	13.9	14.6	15.3	15.9	16.1	16.3	16.5	16.6	16.8
53.75°	13.4	14.2	14.9	15.6	16.0	16.2	16.4	16.6	16.8	17.2	17.6
52.5°	14.3	15.0	15.8	16.1	16.3	16.5	16.7	17.0	17.5	17.9	18.3
51.25°	15.1	15.9	16.1	16.4	16.6	16.8	17.3	17.7	18.2	18.6	18.9
50°	15.9	16.2	16.4	16.6	16.9	17.4	17.9	18.4	18.8	19.1	19.3
48.75°	16.2	16.4	16.7	17.0	17.6	18.1	18.6	18.9	19.2	19.4	19.6
47.5°	16.4	16.7	17.1	17.6	18.2	18.7	19.0	19.3	19.5	19.8	19.8
46.25°	16.7	17.1	17.7	18.2	18.8	19.1	19.3	19.6	19.8	19.8	19.8
45°	17.0	17.6	18.2	18.8	19.1	19.4	19.6	19.8	19.8	19.8	19.8
43.75°	17.6	18.2	18.8	19.1	19.4	19.7	19.8	19.8	19.8	19.8	20.1
42.5°	18.1	18.7	19.1	19.4	19.7	19.8	19.8	19.8	19.8	20.1	20.4
41.25°	18.6	19.0	19.3	19.6	19.8	19.8	19.8	19.9	20.2	20.4	20.7
40°	18.9	19.3	19.6	19.8	19.8	19.8	19.9	20.2	20.5	20.8	21.1
38.75°	19.2	19.5	19.8	19.8	19.8	19.8	20.2	20.5	20.8	21.1	21.4
37.5°	19.4	19.8	19.8	19.8	19.8	20.1	20.4	20.8	21.1	21.4	21.7
36.25°	19.6	19.8	19.8	19.8	20.1	20.4	20.7	21.1	21.4	21.7	22.3
35°	19.8	19.8	19.8	20.0	20.3	20.7	21.0	21.3	21.7	22.2	22.9



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	19.8	19.8	19.8	20.2	20.6	20.9	21.3	21.6	22.1	22.8	23.5
32.5°	19.8	19.8	20.1	20.4	20.8	21.2	21.5	22.0	22.7	23.4	24.1
31.25°	19.8	19.9	20.3	20.7	21.1	21.4	21.8	22.5	23.3	24.0	24.7
30°	19.8	20.1	20.5	20.9	21.3	21.7	22.3	23.0	23.8	24.5	25.2
28.75°	19.9	20.3	20.7	21.1	21.5	22.0	22.8	23.6	24.3	25.1	25.8
27.5°	20.1	20.5	20.9	21.3	21.7	22.5	23.3	24.0	24.8	25.6	25.8
26.25°	20.3	20.7	21.1	21.5	22.1	22.9	23.7	24.5	25.3	25.8	25.8
25°	20.5	20.9	21.3	21.7	22.5	23.3	24.2	25.0	25.8	25.8	25.8
23.75°	20.6	21.1	21.5	22.1	22.9	23.8	24.6	25.4	25.8	25.8	25.8
22.5°	20.8	21.2	21.7	22.4	23.3	24.1	25.0	25.8	25.8	25.8	25.8
21.25°	21.0	21.4	21.9	22.8	23.7	24.5	25.4	25.8	25.8	25.8	25.8
20°	21.1	21.6	22.2	23.1	24.0	24.9	25.8	25.8	25.8	25.8	25.8
18.75°	21.3	21.7	22.5	23.4	24.3	25.2	25.8	25.8	25.8	25.8	25.8
17.5°	21.4	21.9	22.8	23.7	24.6	25.5	25.8	25.8	25.8	25.8	25.8
16.25°	21.5	22.1	23.1	24.0	24.9	25.8	25.8	25.8	25.8	25.8	25.8
15°	21.6	22.4	23.3	24.3	25.2	25.8	25.8	25.8	25.8	25.8	25.8
13.75°	21.7	22.6	23.6	24.5	25.4	25.8	25.8	25.8	25.8	25.8	25.8
12.5°	21.9	22.8	23.8	24.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8
11.25°	22.0	23.0	24.0	24.9	25.8	25.8	25.8	25.8	25.8	25.8	25.8
10°	22.2	23.2	24.1	25.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8
8.75°	22.3	23.3	24.3	25.3	25.8	25.8	25.8	25.8	25.8	25.8	25.9
7.5°	22.5	23.4	24.4	25.4	25.8	25.8	25.8	25.8	25.8	25.8	26.0
6.25°	22.6	23.6	24.5	25.5	25.8	25.8	25.8	25.8	25.8	25.8	26.1
5°	22.6	23.6	24.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	26.2
3.75°	22.7	23.7	24.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	26.2
2.5°	22.8	23.8	24.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.3
1.25°	22.8	23.8	24.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.3
0°	22.8	23.8	24.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.3
-1.25°	22.8	23.8	24.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.3
-2.5°	22.8	23.8	24.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.3
-3.75°	22.7	23.7	24.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	26.2
-5°	22.6	23.6	24.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	26.2
-6.25°	22.6	23.6	24.5	25.5	25.8	25.8	25.8	25.8	25.8	25.8	26.1
-7.5°	22.5	23.4	24.4	25.4	25.8	25.8	25.8	25.8	25.8	25.8	26.0
-8.75°	22.3	23.3	24.3	25.3	25.8	25.8	25.8	25.8	25.8	25.8	25.9
-10°	22.2	23.2	24.1	25.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-11.25°	22.0	23.0	24.0	24.9	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-12.5°	21.9	22.8	23.8	24.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8
-13.75°	21.7	22.6	23.6	24.5	25.4	25.8	25.8	25.8	25.8	25.8	25.8
-15°	21.6	22.4	23.3	24.3	25.2	25.8	25.8	25.8	25.8	25.8	25.8
-16.25°	21.5	22.1	23.1	24.0	24.9	25.8	25.8	25.8	25.8	25.8	25.8
-17.5°	21.4	21.9	22.8	23.7	24.6	25.5	25.8	25.8	25.8	25.8	25.8
-18.75°	21.3	21.7	22.5	23.4	24.3	25.2	25.8	25.8	25.8	25.8	25.8
-20°	21.1	21.6	22.2	23.1	24.0	24.9	25.8	25.8	25.8	25.8	25.8
-21.25°	21.0	21.4	21.9	22.8	23.7	24.5	25.4	25.8	25.8	25.8	25.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	20.8	21.2	21.7	22.4	23.3	24.1	25.0	25.8	25.8	25.8	25.8
-23.75°	20.6	21.1	21.5	22.1	22.9	23.8	24.6	25.4	25.8	25.8	25.8
-25°	20.5	20.9	21.3	21.7	22.5	23.3	24.2	25.0	25.8	25.8	25.8
-26.25°	20.3	20.7	21.1	21.5	22.1	22.9	23.7	24.5	25.3	25.8	25.8
-27.5°	20.1	20.5	20.9	21.3	21.7	22.5	23.3	24.0	24.8	25.6	25.8
-28.75°	19.9	20.3	20.7	21.1	21.5	22.0	22.8	23.6	24.3	25.1	25.8
-30°	19.8	20.1	20.5	20.9	21.3	21.7	22.3	23.0	23.8	24.5	25.2
-31.25°	19.8	19.9	20.3	20.7	21.1	21.4	21.8	22.5	23.3	24.0	24.7
-32.5°	19.8	19.8	20.1	20.4	20.8	21.2	21.5	22.0	22.7	23.4	24.1
-33.75°	19.8	19.8	19.8	20.2	20.6	20.9	21.3	21.6	22.1	22.8	23.5
-35°	19.8	19.8	19.8	20.0	20.3	20.7	21.0	21.3	21.7	22.2	22.9
-36.25°	19.6	19.8	19.8	19.8	20.1	20.4	20.7	21.1	21.4	21.7	22.3
-37.5°	19.4	19.8	19.8	19.8	19.8	20.1	20.4	20.8	21.1	21.4	21.7
-38.75°	19.2	19.5	19.8	19.8	19.8	19.8	20.2	20.5	20.8	21.1	21.4
-40°	18.9	19.3	19.6	19.8	19.8	19.8	19.9	20.2	20.5	20.8	21.1
-41.25°	18.6	19.0	19.3	19.6	19.8	19.8	19.8	19.9	20.2	20.4	20.7
-42.5°	18.1	18.7	19.1	19.4	19.7	19.8	19.8	19.8	19.8	20.1	20.4
-43.75°	17.6	18.2	18.8	19.1	19.4	19.7	19.8	19.8	19.8	19.8	20.1
-45°	17.0	17.6	18.2	18.8	19.1	19.4	19.6	19.8	19.8	19.8	19.8
-46.25°	16.7	17.1	17.7	18.2	18.8	19.1	19.3	19.6	19.8	19.8	19.8
-47.5°	16.4	16.7	17.1	17.6	18.2	18.7	19.0	19.3	19.5	19.8	19.8
-48.75°	16.2	16.4	16.7	17.0	17.6	18.1	18.6	18.9	19.2	19.4	19.6
-50°	15.9	16.2	16.4	16.6	16.9	17.4	17.9	18.4	18.8	19.1	19.3
-51.25°	15.1	15.9	16.1	16.4	16.6	16.8	17.3	17.7	18.2	18.6	18.9
-52.5°	14.3	15.0	15.8	16.1	16.3	16.5	16.7	17.0	17.5	17.9	18.3
-53.75°	13.4	14.2	14.9	15.6	16.0	16.2	16.4	16.6	16.8	17.2	17.6
-55°	12.6	13.3	13.9	14.6	15.3	15.9	16.1	16.3	16.5	16.6	16.8
-56.25°	11.7	12.4	13.0	13.7	14.3	14.9	15.5	16.0	16.1	16.3	16.5
-57.5°	10.8	11.4	12.1	12.7	13.3	13.9	14.5	15.1	15.6	16.0	16.1
-58.75°	9.9	10.5	11.1	11.7	12.3	12.9	13.4	14.0	14.5	15.1	15.6
-60°	9.3	9.7	10.2	10.7	11.3	11.9	12.4	12.9	13.4	13.9	14.4
-61.25°	8.7	9.1	9.4	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.3
-62.5°	8.1	8.4	8.8	9.1	9.5	9.8	10.3	10.8	11.2	11.7	12.1
-63.75°	7.7	7.9	8.1	8.5	8.8	9.1	9.4	9.7	10.1	10.6	11.0
-65°	7.4	7.5	7.7	7.9	8.1	8.4	8.7	9.0	9.3	9.6	9.8
-66.25°	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.3	8.5	8.8	9.1
-67.5°	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.8	8.0	8.3
-68.75°	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7
-70°	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.3
-71.25°	5.8	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
-72.5°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5
-73.75°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1
-75°	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7
-76.25°	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.4
-77.5°	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.6	4.6
-80°	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.2
-81.25°	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
-82.5°	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3
82.5°	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8
81.25°	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2
80°	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7
78.75°	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1
77.5°	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6
76.25°	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0
75°	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.4
73.75°	6.2	6.3	6.4	6.4	6.5	6.6	6.6	6.7	6.8	6.8	6.9
72.5°	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2	7.3	7.4
71.25°	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7	7.8
70°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.2	8.3	8.5	8.6
68.75°	7.8	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.4	9.6
67.5°	8.5	8.7	9.0	9.2	9.4	9.6	9.8	10.0	10.3	10.5	10.7
66.25°	9.3	9.6	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.1
65°	10.2	10.6	11.0	11.3	11.7	12.0	12.3	12.6	12.9	13.2	13.5
63.75°	11.4	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.6	14.8
62.5°	12.6	13.0	13.4	13.8	14.2	14.6	14.9	15.3	15.6	15.9	16.0
61.25°	13.7	14.2	14.6	15.0	15.4	15.8	16.0	16.1	16.2	16.3	16.4
60°	14.9	15.4	15.8	16.0	16.1	16.3	16.4	16.5	16.6	16.7	16.8
58.75°	16.0	16.1	16.2	16.4	16.5	16.6	16.8	17.0	17.2	17.5	17.7
57.5°	16.3	16.5	16.6	16.7	17.0	17.3	17.6	17.8	18.1	18.4	18.6
56.25°	16.6	16.8	17.2	17.5	17.8	18.1	18.4	18.7	18.9	19.0	19.2
55°	17.2	17.6	17.9	18.3	18.6	18.9	19.0	19.2	19.3	19.5	19.6
53.75°	18.0	18.4	18.7	18.9	19.1	19.3	19.5	19.6	19.8	19.8	19.8
52.5°	18.7	19.0	19.2	19.3	19.5	19.7	19.8	19.8	19.8	19.8	19.8
51.25°	19.1	19.3	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.9
50°	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.9	20.1	20.2	20.4
48.75°	19.8	19.8	19.8	19.8	19.8	19.9	20.1	20.3	20.5	20.6	20.8
47.5°	19.8	19.8	19.8	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.2
46.25°	19.8	19.8	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7
45°	20.0	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	22.1	22.4
43.75°	20.3	20.6	20.8	21.1	21.3	21.5	21.7	22.1	22.5	22.9	23.3
42.5°	20.7	20.9	21.2	21.4	21.7	22.0	22.5	22.9	23.3	23.8	24.1
41.25°	21.0	21.3	21.5	21.8	22.3	22.8	23.3	23.7	24.2	24.6	25.0
40°	21.3	21.6	22.0	22.5	23.0	23.6	24.0	24.5	25.0	25.4	25.8
38.75°	21.7	22.1	22.7	23.3	23.8	24.3	24.8	25.3	25.8	25.8	25.8
37.5°	22.2	22.8	23.4	24.0	24.5	25.1	25.6	25.8	25.8	25.8	25.8
36.25°	22.9	23.5	24.1	24.7	25.2	25.8	25.8	25.8	25.8	25.8	25.8
35°	23.5	24.1	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	24.1	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
32.5°	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
31.25°	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
30°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.1
28.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.4
27.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.2	26.5	26.8
26.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.2	26.5	27.0	27.9
25°	25.8	25.8	25.8	25.8	25.8	25.8	26.2	26.5	27.1	28.0	29.0
23.75°	25.8	25.8	25.8	25.8	25.8	26.1	26.5	27.0	28.0	29.0	30.0
22.5°	25.8	25.8	25.8	25.8	26.1	26.4	26.8	27.9	29.0	30.0	31.0
21.25°	25.8	25.8	25.8	25.9	26.3	26.7	27.7	28.8	29.9	31.0	32.0
20°	25.8	25.8	25.8	26.2	26.6	27.3	28.5	29.6	30.8	31.9	32.9
18.75°	25.8	25.8	26.0	26.4	26.9	28.1	29.3	30.5	31.6	32.8	33.8
17.5°	25.8	25.8	26.2	26.6	27.6	28.8	30.0	31.3	32.5	33.5	36.0
16.25°	25.8	26.0	26.4	27.0	28.2	29.5	30.8	32.0	33.2	35.2	40.1
15°	25.8	26.2	26.6	27.6	28.9	30.1	31.4	32.7	34.0	37.7	47.4
13.75°	25.9	26.3	26.8	28.1	29.4	30.8	32.1	33.3	35.7	41.9	61.4
12.5°	26.0	26.5	27.3	28.6	30.0	31.3	32.7	34.1	38.3	50.8	78.7
11.25°	26.2	26.7	27.7	29.1	30.5	31.9	33.2	35.5	41.8	62.4	96.3
10°	26.3	26.8	28.1	29.5	30.9	32.3	33.6	37.0	47.8	76.3	118.7
8.75°	26.4	27.1	28.5	29.9	31.3	32.8	34.4	39.7	56.8	90.0	139.1
7.5°	26.5	27.4	28.8	30.2	31.7	33.1	35.4	42.0	64.7	104.2	160.8
6.25°	26.6	27.7	29.1	30.5	32.0	33.3	36.3	45.1	74.3	118.8	180.1
5°	26.7	27.9	29.3	30.8	32.2	33.6	37.3	50.4	82.4	131.0	196.1
3.75°	26.7	28.0	29.5	31.0	32.4	33.8	38.5	54.6	88.8	140.5	211.9
2.5°	26.8	28.2	29.6	31.1	32.6	34.2	39.4	57.5	93.4	148.7	223.5
1.25°	26.8	28.2	29.7	31.2	32.7	34.4	40.0	59.3	96.2	153.9	230.6
0°	26.8	28.3	29.7	31.2	32.7	34.5	40.2	60.0	97.1	155.6	232.9
-1.25°	26.8	28.2	29.7	31.2	32.7	34.4	40.0	59.3	96.2	153.9	230.6
-2.5°	26.8	28.2	29.6	31.1	32.6	34.2	39.4	57.5	93.4	148.7	223.5
-3.75°	26.7	28.0	29.5	31.0	32.4	33.8	38.5	54.6	88.8	140.5	211.9
-5°	26.7	27.9	29.3	30.8	32.2	33.6	37.3	50.4	82.4	131.0	196.1
-6.25°	26.6	27.7	29.1	30.5	32.0	33.3	36.3	45.1	74.3	118.8	180.1
-7.5°	26.5	27.4	28.8	30.2	31.7	33.1	35.4	42.0	64.7	104.2	160.8
-8.75°	26.4	27.1	28.5	29.9	31.3	32.8	34.4	39.7	56.8	90.0	139.1
-10°	26.3	26.8	28.1	29.5	30.9	32.3	33.6	37.0	47.8	76.3	118.7
-11.25°	26.2	26.7	27.7	29.1	30.5	31.9	33.2	35.5	41.8	62.4	96.3
-12.5°	26.0	26.5	27.3	28.6	30.0	31.3	32.7	34.1	38.3	50.8	78.7
-13.75°	25.9	26.3	26.8	28.1	29.4	30.8	32.1	33.3	35.7	41.9	61.4
-15°	25.8	26.2	26.6	27.6	28.9	30.1	31.4	32.7	34.0	37.7	47.4
-16.25°	25.8	26.0	26.4	27.0	28.2	29.5	30.8	32.0	33.2	35.2	40.1
-17.5°	25.8	25.8	26.2	26.6	27.6	28.8	30.0	31.3	32.5	33.5	36.0
-18.75°	25.8	25.8	26.0	26.4	26.9	28.1	29.3	30.5	31.6	32.8	33.8
-20°	25.8	25.8	25.8	26.2	26.6	27.3	28.5	29.6	30.8	31.9	32.9
-21.25°	25.8	25.8	25.8	25.9	26.3	26.7	27.7	28.8	29.9	31.0	32.0





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	25.8	25.8	25.8	25.8	26.1	26.4	26.8	27.9	29.0	30.0	31.0
-23.75°	25.8	25.8	25.8	25.8	25.8	26.1	26.5	27.0	28.0	29.0	30.0
-25°	25.8	25.8	25.8	25.8	25.8	25.8	26.2	26.5	27.1	28.0	29.0
-26.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.2	26.5	27.0	27.9
-27.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.2	26.5	26.8
-28.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.1	26.4
-30°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.1
-31.25°	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-32.5°	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-33.75°	24.1	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-35°	23.5	24.1	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-36.25°	22.9	23.5	24.1	24.7	25.2	25.8	25.8	25.8	25.8	25.8	25.8
-37.5°	22.2	22.8	23.4	24.0	24.5	25.1	25.6	25.8	25.8	25.8	25.8
-38.75°	21.7	22.1	22.7	23.3	23.8	24.3	24.8	25.3	25.8	25.8	25.8
-40°	21.3	21.6	22.0	22.5	23.0	23.6	24.0	24.5	25.0	25.4	25.8
-41.25°	21.0	21.3	21.5	21.8	22.3	22.8	23.3	23.7	24.2	24.6	25.0
-42.5°	20.7	20.9	21.2	21.4	21.7	22.0	22.5	22.9	23.3	23.8	24.1
-43.75°	20.3	20.6	20.8	21.1	21.3	21.5	21.7	22.1	22.5	22.9	23.3
-45°	20.0	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	22.1	22.4
-46.25°	19.8	19.8	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7
-47.5°	19.8	19.8	19.8	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.2
-48.75°	19.8	19.8	19.8	19.8	19.8	19.9	20.1	20.3	20.5	20.6	20.8
-50°	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.9	20.1	20.2	20.4
-51.25°	19.1	19.3	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.9
-52.5°	18.7	19.0	19.2	19.3	19.5	19.7	19.8	19.8	19.8	19.8	19.8
-53.75°	18.0	18.4	18.7	18.9	19.1	19.3	19.5	19.6	19.8	19.8	19.8
-55°	17.2	17.6	17.9	18.3	18.6	18.9	19.0	19.2	19.3	19.5	19.6
-56.25°	16.6	16.8	17.2	17.5	17.8	18.1	18.4	18.7	18.9	19.0	19.2
-57.5°	16.3	16.5	16.6	16.7	17.0	17.3	17.6	17.8	18.1	18.4	18.6
-58.75°	16.0	16.1	16.2	16.4	16.5	16.6	16.8	17.0	17.2	17.5	17.7
-60°	14.9	15.4	15.8	16.0	16.1	16.3	16.4	16.5	16.6	16.7	16.8
-61.25°	13.7	14.2	14.6	15.0	15.4	15.8	16.0	16.1	16.2	16.3	16.4
-62.5°	12.6	13.0	13.4	13.8	14.2	14.6	14.9	15.3	15.6	15.9	16.0
-63.75°	11.4	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.6	14.8
-65°	10.2	10.6	11.0	11.3	11.7	12.0	12.3	12.6	12.9	13.2	13.5
-66.25°	9.3	9.6	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.1
-67.5°	8.5	8.7	9.0	9.2	9.4	9.6	9.8	10.0	10.3	10.5	10.7
-68.75°	7.8	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.4	9.6
-70°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.2	8.3	8.5	8.6
-71.25°	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7	7.8
-72.5°	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2	7.3	7.4
-73.75°	6.2	6.3	6.4	6.4	6.5	6.6	6.6	6.7	6.8	6.8	6.9
-75°	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.4
-76.25°	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0
-77.5°	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1
-80°	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7
-81.25°	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2
-82.5°	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8
-83.75°	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5
82.5°	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0
81.25°	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.5
80°	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0
78.75°	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4
77.5°	5.6	5.6	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8
76.25°	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3
75°	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8
73.75°	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.3	7.3	7.3
72.5°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8
71.25°	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.5	8.6	8.7	8.7
70°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.6	9.7
68.75°	9.7	9.8	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.0	11.1
67.5°	11.0	11.2	11.4	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.6
66.25°	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.8	13.9	14.0
65°	13.7	14.0	14.2	14.4	14.6	14.8	15.0	15.1	15.3	15.4	15.5
63.75°	15.1	15.4	15.6	15.8	15.9	16.0	16.1	16.1	16.2	16.2	16.2
62.5°	16.1	16.2	16.2	16.3	16.4	16.4	16.5	16.5	16.6	16.6	16.7
61.25°	16.5	16.6	16.7	16.7	16.8	16.9	17.1	17.2	17.3	17.4	17.5
60°	17.0	17.2	17.4	17.6	17.7	17.9	18.0	18.2	18.3	18.4	18.5
58.75°	17.9	18.1	18.3	18.5	18.7	18.8	18.9	19.0	19.0	19.1	19.1
57.5°	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.5	19.6	19.6
56.25°	19.3	19.4	19.5	19.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8
55°	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
53.75°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.9	20.0	20.0	20.1
52.5°	19.8	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.5	20.6
51.25°	20.1	20.2	20.3	20.5	20.6	20.7	20.8	20.9	20.9	21.0	21.1
50°	20.5	20.7	20.8	20.9	21.0	21.2	21.3	21.3	21.4	21.5	21.6
48.75°	21.0	21.1	21.3	21.4	21.5	21.6	21.7	21.9	22.0	22.2	22.3
47.5°	21.4	21.6	21.7	21.9	22.1	22.4	22.6	22.8	23.0	23.2	23.3
46.25°	21.9	22.2	22.5	22.8	23.1	23.3	23.6	23.8	24.0	24.1	24.3
45°	22.8	23.1	23.4	23.7	24.0	24.3	24.5	24.7	24.9	25.1	25.3
43.75°	23.7	24.0	24.3	24.6	24.9	25.2	25.4	25.7	25.8	25.8	25.8
42.5°	24.5	24.9	25.2	25.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8
41.25°	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
40°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
38.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
36.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
35°	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.0	26.2	26.3	26.4



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	25.8	25.8	25.8	25.8	26.0	26.2	26.3	26.5	26.7	26.8	27.1
32.5°	25.8	25.8	26.0	26.2	26.4	26.6	26.8	27.3	27.7	28.1	28.5
31.25°	25.9	26.2	26.4	26.6	27.0	27.6	28.1	28.6	29.1	29.5	29.9
30°	26.3	26.6	26.9	27.6	28.2	28.9	29.4	30.0	30.5	30.9	31.3
28.75°	26.7	27.3	28.1	28.8	29.5	30.1	30.8	31.3	31.9	32.3	32.8
27.5°	27.7	28.5	29.3	30.0	30.8	31.4	32.1	32.7	33.2	33.6	34.4
26.25°	28.8	29.6	30.5	31.3	32.0	32.7	33.3	34.1	35.5	37.0	39.7
25°	29.9	30.8	31.6	32.5	33.2	34.0	35.7	38.3	41.8	47.8	56.8
23.75°	31.0	31.9	32.8	33.5	35.2	37.7	41.9	50.8	62.4	76.3	90.0
22.5°	32.0	32.9	33.8	36.0	40.1	47.4	61.4	78.7	96.3	118.7	139.1
21.25°	33.0	34.1	36.6	41.7	54.1	71.5	92.8	119.1	146.0	175.8	204.1
20°	34.1	36.8	42.6	58.1	79.4	105.4	136.8	172.3	209.1	249.4	288.7
18.75°	36.6	42.6	59.4	83.4	114.1	150.5	191.4	239.4	288.4	338.1	388.7
17.5°	41.7	58.1	83.4	117.0	158.0	204.7	259.9	319.2	380.4	442.4	503.1
16.25°	54.1	79.4	114.1	158.0	209.7	270.5	338.0	410.9	484.5	556.0	626.6
15°	71.5	105.4	150.5	204.7	270.5	344.3	426.3	510.6	595.0	677.3	755.2
13.75°	92.8	136.8	191.4	259.9	338.0	426.3	519.4	614.9	709.3	799.8	886.2
12.5°	119.1	172.3	239.4	319.2	410.9	510.6	614.9	720.1	823.3	923.4	1022.4
11.25°	146.0	209.1	288.4	380.4	484.5	595.0	709.3	823.3	936.7	1050.4	1160.1
10°	175.8	249.4	338.1	442.4	556.0	677.3	799.8	923.4	1050.4	1175.6	1299.9
8.75°	204.1	288.7	388.7	503.1	626.6	755.2	886.2	1022.4	1160.1	1299.9	1441.7
7.5°	234.6	326.3	435.8	557.8	690.4	826.4	967.6	1114.5	1265.0	1421.5	1583.9
6.25°	260.8	360.1	479.0	609.2	747.3	890.0	1041.1	1197.2	1361.9	1536.7	1722.5
5°	284.9	392.0	516.1	652.3	795.1	945.5	1105.1	1271.8	1450.0	1642.5	1852.1
3.75°	304.9	417.2	545.4	686.8	834.7	991.2	1156.6	1331.8	1523.6	1735.2	1964.1
2.5°	319.4	435.3	567.4	712.3	863.3	1024.5	1194.6	1378.9	1581.1	1806.4	2048.7
1.25°	328.1	446.3	581.3	727.8	880.7	1044.8	1219.0	1408.0	1616.5	1850.4	2102.2
0°	331.0	450.0	586.0	733.0	886.6	1051.6	1227.2	1417.8	1628.4	1865.3	2120.5
-1.25°	328.1	446.3	581.3	727.8	880.7	1044.8	1219.0	1408.0	1616.5	1850.4	2102.2
-2.5°	319.4	435.3	567.4	712.3	863.3	1024.5	1194.6	1378.9	1581.1	1806.4	2048.7
-3.75°	304.9	417.2	545.4	686.8	834.7	991.2	1156.6	1331.8	1523.6	1735.2	1964.1
-5°	284.9	392.0	516.1	652.3	795.1	945.5	1105.1	1271.8	1450.0	1642.5	1852.1
-6.25°	260.8	360.1	479.0	609.2	747.3	890.0	1041.1	1197.2	1361.9	1536.7	1722.5
-7.5°	234.6	326.3	435.8	557.8	690.4	826.4	967.6	1114.5	1265.0	1421.5	1583.9
-8.75°	204.1	288.7	388.7	503.1	626.6	755.2	886.2	1022.4	1160.1	1299.9	1441.7
-10°	175.8	249.4	338.1	442.4	556.0	677.3	799.8	923.4	1050.4	1175.6	1299.9
-11.25°	146.0	209.1	288.4	380.4	484.5	595.0	709.3	823.3	936.7	1050.4	1160.1
-12.5°	119.1	172.3	239.4	319.2	410.9	510.6	614.9	720.1	823.3	923.4	1022.4
-13.75°	92.8	136.8	191.4	259.9	338.0	426.3	519.4	614.9	709.3	799.8	886.2
-15°	71.5	105.4	150.5	204.7	270.5	344.3	426.3	510.6	595.0	677.3	755.2
-16.25°	54.1	79.4	114.1	158.0	209.7	270.5	338.0	410.9	484.5	556.0	626.6
-17.5°	41.7	58.1	83.4	117.0	158.0	204.7	259.9	319.2	380.4	442.4	503.1
-18.75°	36.6	42.6	59.4	83.4	114.1	150.5	191.4	239.4	288.4	338.1	388.7
-20°	34.1	36.8	42.6	58.1	79.4	105.4	136.8	172.3	209.1	249.4	288.7
-21.25°	33.0	34.1	36.6	41.7	54.1	71.5	92.8	119.1	146.0	175.8	204.1



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	32.0	32.9	33.8	36.0	40.1	47.4	61.4	78.7	96.3	118.7	139.1
-23.75°	31.0	31.9	32.8	33.5	35.2	37.7	41.9	50.8	62.4	76.3	90.0
-25°	29.9	30.8	31.6	32.5	33.2	34.0	35.7	38.3	41.8	47.8	56.8
-26.25°	28.8	29.6	30.5	31.3	32.0	32.7	33.3	34.1	35.5	37.0	39.7
-27.5°	27.7	28.5	29.3	30.0	30.8	31.4	32.1	32.7	33.2	33.6	34.4
-28.75°	26.7	27.3	28.1	28.8	29.5	30.1	30.8	31.3	31.9	32.3	32.8
-30°	26.3	26.6	26.9	27.6	28.2	28.9	29.4	30.0	30.5	30.9	31.3
-31.25°	25.9	26.2	26.4	26.6	27.0	27.6	28.1	28.6	29.1	29.5	29.9
-32.5°	25.8	25.8	26.0	26.2	26.4	26.6	26.8	27.3	27.7	28.1	28.5
-33.75°	25.8	25.8	25.8	25.8	26.0	26.2	26.3	26.5	26.7	26.8	27.1
-35°	25.8	25.8	25.8	25.8	25.8	25.8	25.9	26.0	26.2	26.3	26.4
-36.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
-37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-38.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-40°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-41.25°	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-42.5°	24.5	24.9	25.2	25.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-43.75°	23.7	24.0	24.3	24.6	24.9	25.2	25.4	25.7	25.8	25.8	25.8
-45°	22.8	23.1	23.4	23.7	24.0	24.3	24.5	24.7	24.9	25.1	25.3
-46.25°	21.9	22.2	22.5	22.8	23.1	23.3	23.6	23.8	24.0	24.1	24.3
-47.5°	21.4	21.6	21.7	21.9	22.1	22.4	22.6	22.8	23.0	23.2	23.3
-48.75°	21.0	21.1	21.3	21.4	21.5	21.6	21.7	21.9	22.0	22.2	22.3
-50°	20.5	20.7	20.8	20.9	21.0	21.2	21.3	21.3	21.4	21.5	21.6
-51.25°	20.1	20.2	20.3	20.5	20.6	20.7	20.8	20.9	20.9	21.0	21.1
-52.5°	19.8	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.5	20.6
-53.75°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.9	20.0	20.0	20.1
-55°	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
-56.25°	19.3	19.4	19.5	19.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8
-57.5°	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.5	19.6	19.6
-58.75°	17.9	18.1	18.3	18.5	18.7	18.8	18.9	19.0	19.0	19.1	19.1
-60°	17.0	17.2	17.4	17.6	17.7	17.9	18.0	18.2	18.3	18.4	18.5
-61.25°	16.5	16.6	16.7	16.7	16.8	16.9	17.1	17.2	17.3	17.4	17.5
-62.5°	16.1	16.2	16.2	16.3	16.4	16.4	16.5	16.5	16.6	16.6	16.7
-63.75°	15.1	15.4	15.6	15.8	15.9	16.0	16.1	16.1	16.2	16.2	16.2
-65°	13.7	14.0	14.2	14.4	14.6	14.8	15.0	15.1	15.3	15.4	15.5
-66.25°	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.8	13.9	14.0
-67.5°	11.0	11.2	11.4	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.6
-68.75°	9.7	9.8	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.0	11.1
-70°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.6	9.7
-71.25°	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.5	8.6	8.7	8.7
-72.5°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8
-73.75°	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.3	7.3	7.3
-75°	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8
-76.25°	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3
-77.5°	5.6	5.6	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4
-80°	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0
-81.25°	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.5
-82.5°	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0
-83.75°	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
81.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
78.75°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4
77.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
76.25°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
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°	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
72.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
71.25°	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8
70°	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8
68.75°	11.2	11.2	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3
67.5°	12.7	12.7	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.8	12.8
66.25°	14.1	14.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.3	14.3
65°	15.6	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
63.75°	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.3	16.3	16.3	16.3
62.5°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
61.25°	17.6	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.7	17.7
60°	18.6	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
58.75°	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.2
57.5°	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.7
56.25°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
55°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
53.75°	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.2
52.5°	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7
51.25°	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2
50°	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.7
48.75°	22.5	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.6
47.5°	23.4	23.6	23.6	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.6
46.25°	24.4	24.5	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.6
45°	25.4	25.5	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.6
43.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
42.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
41.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
40°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
38.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
36.25°	26.0	26.1	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.2	26.2
35°	26.5	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.7	26.7



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	27.4	27.7	27.9	28.0	28.2	28.2	28.3	28.2	28.2	28.0	27.9
32.5°	28.8	29.1	29.3	29.5	29.6	29.7	29.7	29.7	29.6	29.5	29.3
31.25°	30.2	30.5	30.8	31.0	31.1	31.2	31.2	31.2	31.1	31.0	30.8
30°	31.7	32.0	32.2	32.4	32.6	32.7	32.7	32.7	32.6	32.4	32.2
28.75°	33.1	33.3	33.6	33.8	34.2	34.4	34.5	34.4	34.2	33.8	33.6
27.5°	35.4	36.3	37.3	38.5	39.4	40.0	40.2	40.0	39.4	38.5	37.3
26.25°	42.0	45.1	50.4	54.6	57.5	59.3	60.0	59.3	57.5	54.6	50.4
25°	64.7	74.3	82.4	88.8	93.4	96.2	97.1	96.2	93.4	88.8	82.4
23.75°	104.2	118.8	131.0	140.5	148.7	153.9	155.6	153.9	148.7	140.5	131.0
22.5°	160.8	180.1	196.1	211.9	223.5	230.6	232.9	230.6	223.5	211.9	196.1
21.25°	234.6	260.8	284.9	304.9	319.4	328.1	331.0	328.1	319.4	304.9	284.9
20°	326.3	360.1	392.0	417.2	435.3	446.3	450.0	446.3	435.3	417.2	392.0
18.75°	435.8	479.0	516.1	545.4	567.4	581.3	586.0	581.3	567.4	545.4	516.1
17.5°	557.8	609.2	652.3	686.8	712.3	727.8	733.0	727.8	712.3	686.8	652.3
16.25°	690.4	747.3	795.1	834.7	863.3	880.7	886.6	880.7	863.3	834.7	795.1
15°	826.4	890.0	945.5	991.2	1024.5	1044.8	1051.6	1044.8	1024.5	991.2	945.5
13.75°	967.6	1041.1	1105.1	1156.6	1194.6	1219.0	1227.2	1219.0	1194.6	1156.6	1105.1
12.5°	1114.5	1197.2	1271.8	1331.8	1378.9	1408.0	1417.8	1408.0	1378.9	1331.8	1271.8
11.25°	1265.0	1361.9	1450.0	1523.6	1581.1	1616.5	1628.4	1616.5	1581.1	1523.6	1450.0
10°	1421.5	1536.7	1642.5	1735.2	1806.4	1850.4	1865.3	1850.4	1806.4	1735.2	1642.5
8.75°	1583.9	1722.5	1852.1	1964.1	2048.7	2102.2	2120.5	2102.2	2048.7	1964.1	1852.1
7.5°	1751.0	1915.8	2067.3	2197.4	2296.0	2356.5	2377.2	2356.5	2296.0	2197.4	2067.3
6.25°	1915.8	2103.9	2277.1	2420.5	2529.5	2597.7	2621.3	2597.7	2529.5	2420.5	2277.1
5°	2067.3	2277.1	2464.4	2621.8	2738.4	2811.7	2837.6	2811.7	2738.4	2621.8	2464.4
3.75°	2197.4	2420.5	2621.8	2786.8	2910.6	2991.0	3015.3	2991.0	2910.6	2786.8	2621.8
2.5°	2296.0	2529.5	2738.4	2910.6	3041.1	3122.9	3148.3	3122.9	3041.1	2910.6	2738.4
1.25°	2356.5	2597.7	2811.7	2991.0	3122.9	3206.1	3239.0	3206.1	3122.9	2991.0	2811.7
0°	2377.2	2621.3	2837.6	3015.3	3148.3	3239.0	3277.6	3239.0	3148.3	3015.3	2837.6
-1.25°	2356.5	2597.7	2811.7	2991.0	3122.9	3206.1	3239.0	3206.1	3122.9	2991.0	2811.7
-2.5°	2296.0	2529.5	2738.4	2910.6	3041.1	3122.9	3148.3	3122.9	3041.1	2910.6	2738.4
-3.75°	2197.4	2420.5	2621.8	2786.8	2910.6	2991.0	3015.3	2991.0	2910.6	2786.8	2621.8
-5°	2067.3	2277.1	2464.4	2621.8	2738.4	2811.7	2837.6	2811.7	2738.4	2621.8	2464.4
-6.25°	1915.8	2103.9	2277.1	2420.5	2529.5	2597.7	2621.3	2597.7	2529.5	2420.5	2277.1
-7.5°	1751.0	1915.8	2067.3	2197.4	2296.0	2356.5	2377.2	2356.5	2296.0	2197.4	2067.3
-8.75°	1583.9	1722.5	1852.1	1964.1	2048.7	2102.2	2120.5	2102.2	2048.7	1964.1	1852.1
-10°	1421.5	1536.7	1642.5	1735.2	1806.4	1850.4	1865.3	1850.4	1806.4	1735.2	1642.5
-11.25°	1265.0	1361.9	1450.0	1523.6	1581.1	1616.5	1628.4	1616.5	1581.1	1523.6	1450.0
-12.5°	1114.5	1197.2	1271.8	1331.8	1378.9	1408.0	1417.8	1408.0	1378.9	1331.8	1271.8
-13.75°	967.6	1041.1	1105.1	1156.6	1194.6	1219.0	1227.2	1219.0	1194.6	1156.6	1105.1
-15°	826.4	890.0	945.5	991.2	1024.5	1044.8	1051.6	1044.8	1024.5	991.2	945.5
-16.25°	690.4	747.3	795.1	834.7	863.3	880.7	886.6	880.7	863.3	834.7	795.1
-17.5°	557.8	609.2	652.3	686.8	712.3	727.8	733.0	727.8	712.3	686.8	652.3
-18.75°	435.8	479.0	516.1	545.4	567.4	581.3	586.0	581.3	567.4	545.4	516.1
-20°	326.3	360.1	392.0	417.2	435.3	446.3	450.0	446.3	435.3	417.2	392.0
-21.25°	234.6	260.8	284.9	304.9	319.4	328.1	331.0	328.1	319.4	304.9	284.9





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	160.8	180.1	196.1	211.9	223.5	230.6	232.9	230.6	223.5	211.9	196.1
-23.75°	104.2	118.8	131.0	140.5	148.7	153.9	155.6	153.9	148.7	140.5	131.0
-25°	64.7	74.3	82.4	88.8	93.4	96.2	97.1	96.2	93.4	88.8	82.4
-26.25°	42.0	45.1	50.4	54.6	57.5	59.3	60.0	59.3	57.5	54.6	50.4
-27.5°	35.4	36.3	37.3	38.5	39.4	40.0	40.2	40.0	39.4	38.5	37.3
-28.75°	33.1	33.3	33.6	33.8	34.2	34.4	34.5	34.4	34.2	33.8	33.6
-30°	31.7	32.0	32.2	32.4	32.6	32.7	32.7	32.7	32.6	32.4	32.2
-31.25°	30.2	30.5	30.8	31.0	31.1	31.2	31.2	31.2	31.1	31.0	30.8
-32.5°	28.8	29.1	29.3	29.5	29.6	29.7	29.7	29.7	29.6	29.5	29.3
-33.75°	27.4	27.7	27.9	28.0	28.2	28.2	28.3	28.2	28.2	28.0	27.9
-35°	26.5	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.7	26.7
-36.25°	26.0	26.1	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.2	26.2
-37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-38.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-40°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-41.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-42.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-43.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-45°	25.4	25.5	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.6
-46.25°	24.4	24.5	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.6
-47.5°	23.4	23.6	23.6	23.7	23.8	23.8	23.8	23.8	23.8	23.7	23.6
-48.75°	22.5	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.6
-50°	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.7
-51.25°	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.2
-52.5°	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7
-53.75°	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.2
-55°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
-56.25°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
-57.5°	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.7
-58.75°	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.2
-60°	18.6	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.7	18.7
-61.25°	17.6	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.7	17.7
-62.5°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
-63.75°	16.3	16.3	16.3	16.3	16.3	16.3	16.4	16.3	16.3	16.3	16.3
-65°	15.6	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
-66.25°	14.1	14.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.3	14.3
-67.5°	12.7	12.7	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.8	12.8
-68.75°	11.2	11.2	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3
-70°	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8
-71.25°	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8
-72.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-73.75°	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
-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	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-77.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4
-80°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-81.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-83.75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4
82.5°	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8
81.25°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3
80°	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8
78.75°	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2
77.5°	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7
76.25°	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1
75°	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6
73.75°	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0
72.5°	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.5
71.25°	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1
70°	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2	9.1	9.0
68.75°	11.2	11.2	11.1	11.0	10.9	10.8	10.6	10.5	10.3	10.2	10.0
67.5°	12.7	12.7	12.6	12.5	12.4	12.2	12.1	11.9	11.8	11.6	11.4
66.25°	14.2	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.2	13.0	12.8
65°	15.7	15.6	15.5	15.4	15.3	15.1	15.0	14.8	14.6	14.4	14.2
63.75°	16.3	16.3	16.2	16.2	16.2	16.1	16.1	16.0	15.9	15.8	15.6
62.5°	16.7	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.4	16.3	16.2
61.25°	17.7	17.6	17.5	17.4	17.3	17.2	17.1	16.9	16.8	16.7	16.7
60°	18.6	18.6	18.5	18.4	18.3	18.2	18.0	17.9	17.7	17.6	17.4
58.75°	19.2	19.2	19.1	19.1	19.0	19.0	18.9	18.8	18.7	18.5	18.3
57.5°	19.7	19.7	19.6	19.6	19.5	19.5	19.4	19.3	19.2	19.1	19.0
56.25°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.7	19.6	19.5
55°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
53.75°	20.2	20.2	20.1	20.0	20.0	19.9	19.8	19.8	19.8	19.8	19.8
52.5°	20.7	20.6	20.6	20.5	20.5	20.4	20.3	20.2	20.1	20.0	19.9
51.25°	21.2	21.1	21.1	21.0	20.9	20.9	20.8	20.7	20.6	20.5	20.3
50°	21.7	21.6	21.6	21.5	21.4	21.3	21.3	21.2	21.0	20.9	20.8
48.75°	22.6	22.5	22.3	22.2	22.0	21.9	21.7	21.6	21.5	21.4	21.3
47.5°	23.6	23.4	23.3	23.2	23.0	22.8	22.6	22.4	22.1	21.9	21.7
46.25°	24.5	24.4	24.3	24.1	24.0	23.8	23.6	23.3	23.1	22.8	22.5
45°	25.5	25.4	25.3	25.1	24.9	24.7	24.5	24.3	24.0	23.7	23.4
43.75°	25.8	25.8	25.8	25.8	25.8	25.7	25.4	25.2	24.9	24.6	24.3
42.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.5	25.2
41.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
40°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
38.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
36.25°	26.1	26.0	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
35°	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.8	25.8	25.8	25.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°
33.75°	27.7	27.4	27.1	26.8	26.7	26.5	26.3	26.2	26.0	25.8	25.8
32.5°	29.1	28.8	28.5	28.1	27.7	27.3	26.8	26.6	26.4	26.2	26.0
31.25°	30.5	30.2	29.9	29.5	29.1	28.6	28.1	27.6	27.0	26.6	26.4
30°	32.0	31.7	31.3	30.9	30.5	30.0	29.4	28.9	28.2	27.6	26.9
28.75°	33.3	33.1	32.8	32.3	31.9	31.3	30.8	30.1	29.5	28.8	28.1
27.5°	36.3	35.4	34.4	33.6	33.2	32.7	32.1	31.4	30.8	30.0	29.3
26.25°	45.1	42.0	39.7	37.0	35.5	34.1	33.3	32.7	32.0	31.3	30.5
25°	74.3	64.7	56.8	47.8	41.8	38.3	35.7	34.0	33.2	32.5	31.6
23.75°	118.8	104.2	90.0	76.3	62.4	50.8	41.9	37.7	35.2	33.5	32.8
22.5°	180.1	160.8	139.1	118.7	96.3	78.7	61.4	47.4	40.1	36.0	33.8
21.25°	260.8	234.6	204.1	175.8	146.0	119.1	92.8	71.5	54.1	41.7	36.6
20°	360.1	326.3	288.7	249.4	209.1	172.3	136.8	105.4	79.4	58.1	42.6
18.75°	479.0	435.8	388.7	338.1	288.4	239.4	191.4	150.5	114.1	83.4	59.4
17.5°	609.2	557.8	503.1	442.4	380.4	319.2	259.9	204.7	158.0	117.0	83.4
16.25°	747.3	690.4	626.6	556.0	484.5	410.9	338.0	270.5	209.7	158.0	114.1
15°	890.0	826.4	755.2	677.3	595.0	510.6	426.3	344.3	270.5	204.7	150.5
13.75°	1041.1	967.6	886.2	799.8	709.3	614.9	519.4	426.3	338.0	259.9	191.4
12.5°	1197.2	1114.5	1022.4	923.4	823.3	720.1	614.9	510.6	410.9	319.2	239.4
11.25°	1361.9	1265.0	1160.1	1050.4	936.7	823.3	709.3	595.0	484.5	380.4	288.4
10°	1536.7	1421.5	1299.9	1175.6	1050.4	923.4	799.8	677.3	556.0	442.4	338.1
8.75°	1722.5	1583.9	1441.7	1299.9	1160.1	1022.4	886.2	755.2	626.6	503.1	388.7
7.5°	1915.8	1751.0	1583.9	1421.5	1265.0	1114.5	967.6	826.4	690.4	557.8	435.8
6.25°	2103.9	1915.8	1722.5	1536.7	1361.9	1197.2	1041.1	890.0	747.3	609.2	479.0
5°	2277.1	2067.3	1852.1	1642.5	1450.0	1271.8	1105.1	945.5	795.1	652.3	516.1
3.75°	2420.5	2197.4	1964.1	1735.2	1523.6	1331.8	1156.6	991.2	834.7	686.8	545.4
2.5°	2529.5	2296.0	2048.7	1806.4	1581.1	1378.9	1194.6	1024.5	863.3	712.3	567.4
1.25°	2597.7	2356.5	2102.2	1850.4	1616.5	1408.0	1219.0	1044.8	880.7	727.8	581.3
0°	2621.3	2377.2	2120.5	1865.3	1628.4	1417.8	1227.2	1051.6	886.6	733.0	586.0
-1.25°	2597.7	2356.5	2102.2	1850.4	1616.5	1408.0	1219.0	1044.8	880.7	727.8	581.3
-2.5°	2529.5	2296.0	2048.7	1806.4	1581.1	1378.9	1194.6	1024.5	863.3	712.3	567.4
-3.75°	2420.5	2197.4	1964.1	1735.2	1523.6	1331.8	1156.6	991.2	834.7	686.8	545.4
-5°	2277.1	2067.3	1852.1	1642.5	1450.0	1271.8	1105.1	945.5	795.1	652.3	516.1
-6.25°	2103.9	1915.8	1722.5	1536.7	1361.9	1197.2	1041.1	890.0	747.3	609.2	479.0
-7.5°	1915.8	1751.0	1583.9	1421.5	1265.0	1114.5	967.6	826.4	690.4	557.8	435.8
-8.75°	1722.5	1583.9	1441.7	1299.9	1160.1	1022.4	886.2	755.2	626.6	503.1	388.7
-10°	1536.7	1421.5	1299.9	1175.6	1050.4	923.4	799.8	677.3	556.0	442.4	338.1
-11.25°	1361.9	1265.0	1160.1	1050.4	936.7	823.3	709.3	595.0	484.5	380.4	288.4
-12.5°	1197.2	1114.5	1022.4	923.4	823.3	720.1	614.9	510.6	410.9	319.2	239.4
-13.75°	1041.1	967.6	886.2	799.8	709.3	614.9	519.4	426.3	338.0	259.9	191.4
-15°	890.0	826.4	755.2	677.3	595.0	510.6	426.3	344.3	270.5	204.7	150.5
-16.25°	747.3	690.4	626.6	556.0	484.5	410.9	338.0	270.5	209.7	158.0	114.1
-17.5°	609.2	557.8	503.1	442.4	380.4	319.2	259.9	204.7	158.0	117.0	83.4
-18.75°	479.0	435.8	388.7	338.1	288.4	239.4	191.4	150.5	114.1	83.4	59.4
-20°	360.1	326.3	288.7	249.4	209.1	172.3	136.8	105.4	79.4	58.1	42.6
-21.25°	260.8	234.6	204.1	175.8	146.0	119.1	92.8	71.5	54.1	41.7	36.6



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	180.1	160.8	139.1	118.7	96.3	78.7	61.4	47.4	40.1	36.0	33.8
-23.75°	118.8	104.2	90.0	76.3	62.4	50.8	41.9	37.7	35.2	33.5	32.8
-25°	74.3	64.7	56.8	47.8	41.8	38.3	35.7	34.0	33.2	32.5	31.6
-26.25°	45.1	42.0	39.7	37.0	35.5	34.1	33.3	32.7	32.0	31.3	30.5
-27.5°	36.3	35.4	34.4	33.6	33.2	32.7	32.1	31.4	30.8	30.0	29.3
-28.75°	33.3	33.1	32.8	32.3	31.9	31.3	30.8	30.1	29.5	28.8	28.1
-30°	32.0	31.7	31.3	30.9	30.5	30.0	29.4	28.9	28.2	27.6	26.9
-31.25°	30.5	30.2	29.9	29.5	29.1	28.6	28.1	27.6	27.0	26.6	26.4
-32.5°	29.1	28.8	28.5	28.1	27.7	27.3	26.8	26.6	26.4	26.2	26.0
-33.75°	27.7	27.4	27.1	26.8	26.7	26.5	26.3	26.2	26.0	25.8	25.8
-35°	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.8	25.8	25.8	25.8
-36.25°	26.1	26.0	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-38.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-40°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-41.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-42.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.5	25.2
-43.75°	25.8	25.8	25.8	25.8	25.8	25.7	25.4	25.2	24.9	24.6	24.3
-45°	25.5	25.4	25.3	25.1	24.9	24.7	24.5	24.3	24.0	23.7	23.4
-46.25°	24.5	24.4	24.3	24.1	24.0	23.8	23.6	23.3	23.1	22.8	22.5
-47.5°	23.6	23.4	23.3	23.2	23.0	22.8	22.6	22.4	22.1	21.9	21.7
-48.75°	22.6	22.5	22.3	22.2	22.0	21.9	21.7	21.6	21.5	21.4	21.3
-50°	21.7	21.6	21.6	21.5	21.4	21.3	21.3	21.2	21.0	20.9	20.8
-51.25°	21.2	21.1	21.1	21.0	20.9	20.9	20.8	20.7	20.6	20.5	20.3
-52.5°	20.7	20.6	20.6	20.5	20.5	20.4	20.3	20.2	20.1	20.0	19.9
-53.75°	20.2	20.2	20.1	20.0	20.0	19.9	19.8	19.8	19.8	19.8	19.8
-55°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
-56.25°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.7	19.6	19.5
-57.5°	19.7	19.7	19.6	19.6	19.5	19.5	19.4	19.3	19.2	19.1	19.0
-58.75°	19.2	19.2	19.1	19.1	19.0	19.0	18.9	18.8	18.7	18.5	18.3
-60°	18.6	18.6	18.5	18.4	18.3	18.2	18.0	17.9	17.7	17.6	17.4
-61.25°	17.7	17.6	17.5	17.4	17.3	17.2	17.1	16.9	16.8	16.7	16.7
-62.5°	16.7	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.4	16.3	16.2
-63.75°	16.3	16.3	16.2	16.2	16.2	16.1	16.1	16.0	15.9	15.8	15.6
-65°	15.7	15.6	15.5	15.4	15.3	15.1	15.0	14.8	14.6	14.4	14.2
-66.25°	14.2	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.2	13.0	12.8
-67.5°	12.7	12.7	12.6	12.5	12.4	12.2	12.1	11.9	11.8	11.6	11.4
-68.75°	11.2	11.2	11.1	11.0	10.9	10.8	10.6	10.5	10.3	10.2	10.0
-70°	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2	9.1	9.0
-71.25°	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1
-72.5°	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.5
-73.75°	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0
-75°	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6
-76.25°	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1
-77.5°	5.9	5.9	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2
-80°	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8
-81.25°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3
-82.5°	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8
-83.75°	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1
82.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
81.25°	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9
80°	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4
78.75°	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8
77.5°	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.2
76.25°	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6
75°	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9
73.75°	7.0	6.9	6.9	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.4
72.5°	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8
71.25°	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2
70°	8.9	8.8	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.7	7.6
68.75°	9.8	9.7	9.6	9.4	9.2	9.1	8.9	8.7	8.5	8.3	8.1
67.5°	11.2	11.0	10.7	10.5	10.3	10.0	9.8	9.6	9.4	9.2	9.0
66.25°	12.6	12.4	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.8
65°	14.0	13.7	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.3	11.0
63.75°	15.4	15.1	14.8	14.6	14.3	13.9	13.6	13.3	12.9	12.6	12.2
62.5°	16.2	16.1	16.0	15.9	15.6	15.3	14.9	14.6	14.2	13.8	13.4
61.25°	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.8	15.4	15.0	14.6
60°	17.2	17.0	16.8	16.7	16.6	16.5	16.4	16.3	16.1	16.0	15.8
58.75°	18.1	17.9	17.7	17.5	17.2	17.0	16.8	16.6	16.5	16.4	16.2
57.5°	18.9	18.8	18.6	18.4	18.1	17.8	17.6	17.3	17.0	16.7	16.6
56.25°	19.4	19.3	19.2	19.0	18.9	18.7	18.4	18.1	17.8	17.5	17.2
55°	19.8	19.7	19.6	19.5	19.3	19.2	19.0	18.9	18.6	18.3	17.9
53.75°	19.8	19.8	19.8	19.8	19.8	19.6	19.5	19.3	19.1	18.9	18.7
52.5°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.7	19.5	19.3	19.2
51.25°	20.2	20.1	19.9	19.8	19.8	19.8	19.8	19.8	19.8	19.7	19.5
50°	20.7	20.5	20.4	20.2	20.1	19.9	19.8	19.8	19.8	19.8	19.8
48.75°	21.1	21.0	20.8	20.6	20.5	20.3	20.1	19.9	19.8	19.8	19.8
47.5°	21.6	21.4	21.2	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.8
46.25°	22.2	21.9	21.7	21.5	21.3	21.1	20.9	20.7	20.5	20.3	20.1
45°	23.1	22.8	22.4	22.1	21.7	21.5	21.3	21.1	20.9	20.7	20.4
43.75°	24.0	23.7	23.3	22.9	22.5	22.1	21.7	21.5	21.3	21.1	20.8
42.5°	24.9	24.5	24.1	23.8	23.3	22.9	22.5	22.0	21.7	21.4	21.2
41.25°	25.8	25.4	25.0	24.6	24.2	23.7	23.3	22.8	22.3	21.8	21.5
40°	25.8	25.8	25.8	25.4	25.0	24.5	24.0	23.6	23.0	22.5	22.0
38.75°	25.8	25.8	25.8	25.8	25.8	25.3	24.8	24.3	23.8	23.3	22.7
37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.6	25.1	24.5	24.0	23.4
36.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.2	24.7	24.1
35°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.4
32.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
31.25°	26.2	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
30°	26.6	26.3	26.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
28.75°	27.3	26.7	26.4	26.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8
27.5°	28.5	27.7	26.8	26.5	26.2	25.9	25.8	25.8	25.8	25.8	25.8
26.25°	29.6	28.8	27.9	27.0	26.5	26.2	25.9	25.8	25.8	25.8	25.8
25°	30.8	29.9	29.0	28.0	27.1	26.5	26.2	25.8	25.8	25.8	25.8
23.75°	31.9	31.0	30.0	29.0	28.0	27.0	26.5	26.1	25.8	25.8	25.8
22.5°	32.9	32.0	31.0	30.0	29.0	27.9	26.8	26.4	26.1	25.8	25.8
21.25°	34.1	33.0	32.0	31.0	29.9	28.8	27.7	26.7	26.3	25.9	25.8
20°	36.8	34.1	32.9	31.9	30.8	29.6	28.5	27.3	26.6	26.2	25.8
18.75°	42.6	36.6	33.8	32.8	31.6	30.5	29.3	28.1	26.9	26.4	26.0
17.5°	58.1	41.7	36.0	33.5	32.5	31.3	30.0	28.8	27.6	26.6	26.2
16.25°	79.4	54.1	40.1	35.2	33.2	32.0	30.8	29.5	28.2	27.0	26.4
15°	105.4	71.5	47.4	37.7	34.0	32.7	31.4	30.1	28.9	27.6	26.6
13.75°	136.8	92.8	61.4	41.9	35.7	33.3	32.1	30.8	29.4	28.1	26.8
12.5°	172.3	119.1	78.7	50.8	38.3	34.1	32.7	31.3	30.0	28.6	27.3
11.25°	209.1	146.0	96.3	62.4	41.8	35.5	33.2	31.9	30.5	29.1	27.7
10°	249.4	175.8	118.7	76.3	47.8	37.0	33.6	32.3	30.9	29.5	28.1
8.75°	288.7	204.1	139.1	90.0	56.8	39.7	34.4	32.8	31.3	29.9	28.5
7.5°	326.3	234.6	160.8	104.2	64.7	42.0	35.4	33.1	31.7	30.2	28.8
6.25°	360.1	260.8	180.1	118.8	74.3	45.1	36.3	33.3	32.0	30.5	29.1
5°	392.0	284.9	196.1	131.0	82.4	50.4	37.3	33.6	32.2	30.8	29.3
3.75°	417.2	304.9	211.9	140.5	88.8	54.6	38.5	33.8	32.4	31.0	29.5
2.5°	435.3	319.4	223.5	148.7	93.4	57.5	39.4	34.2	32.6	31.1	29.6
1.25°	446.3	328.1	230.6	153.9	96.2	59.3	40.0	34.4	32.7	31.2	29.7
0°	450.0	331.0	232.9	155.6	97.1	60.0	40.2	34.5	32.7	31.2	29.7
-1.25°	446.3	328.1	230.6	153.9	96.2	59.3	40.0	34.4	32.7	31.2	29.7
-2.5°	435.3	319.4	223.5	148.7	93.4	57.5	39.4	34.2	32.6	31.1	29.6
-3.75°	417.2	304.9	211.9	140.5	88.8	54.6	38.5	33.8	32.4	31.0	29.5
-5°	392.0	284.9	196.1	131.0	82.4	50.4	37.3	33.6	32.2	30.8	29.3
-6.25°	360.1	260.8	180.1	118.8	74.3	45.1	36.3	33.3	32.0	30.5	29.1
-7.5°	326.3	234.6	160.8	104.2	64.7	42.0	35.4	33.1	31.7	30.2	28.8
-8.75°	288.7	204.1	139.1	90.0	56.8	39.7	34.4	32.8	31.3	29.9	28.5
-10°	249.4	175.8	118.7	76.3	47.8	37.0	33.6	32.3	30.9	29.5	28.1
-11.25°	209.1	146.0	96.3	62.4	41.8	35.5	33.2	31.9	30.5	29.1	27.7
-12.5°	172.3	119.1	78.7	50.8	38.3	34.1	32.7	31.3	30.0	28.6	27.3
-13.75°	136.8	92.8	61.4	41.9	35.7	33.3	32.1	30.8	29.4	28.1	26.8
-15°	105.4	71.5	47.4	37.7	34.0	32.7	31.4	30.1	28.9	27.6	26.6
-16.25°	79.4	54.1	40.1	35.2	33.2	32.0	30.8	29.5	28.2	27.0	26.4
-17.5°	58.1	41.7	36.0	33.5	32.5	31.3	30.0	28.8	27.6	26.6	26.2
-18.75°	42.6	36.6	33.8	32.8	31.6	30.5	29.3	28.1	26.9	26.4	26.0
-20°	36.8	34.1	32.9	31.9	30.8	29.6	28.5	27.3	26.6	26.2	25.8
-21.25°	34.1	33.0	32.0	31.0	29.9	28.8	27.7	26.7	26.3	25.9	25.8





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°
-22.5°	32.9	32.0	31.0	30.0	29.0	27.9	26.8	26.4	26.1	25.8	25.8
-23.75°	31.9	31.0	30.0	29.0	28.0	27.0	26.5	26.1	25.8	25.8	25.8
-25°	30.8	29.9	29.0	28.0	27.1	26.5	26.2	25.8	25.8	25.8	25.8
-26.25°	29.6	28.8	27.9	27.0	26.5	26.2	25.9	25.8	25.8	25.8	25.8
-27.5°	28.5	27.7	26.8	26.5	26.2	25.9	25.8	25.8	25.8	25.8	25.8
-28.75°	27.3	26.7	26.4	26.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-30°	26.6	26.3	26.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-31.25°	26.2	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-32.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
-33.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.4
-35°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.8
-36.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.2	24.7	24.1
-37.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.6	25.1	24.5	24.0	23.4
-38.75°	25.8	25.8	25.8	25.8	25.8	25.3	24.8	24.3	23.8	23.3	22.7
-40°	25.8	25.8	25.8	25.4	25.0	24.5	24.0	23.6	23.0	22.5	22.0
-41.25°	25.8	25.4	25.0	24.6	24.2	23.7	23.3	22.8	22.3	21.8	21.5
-42.5°	24.9	24.5	24.1	23.8	23.3	22.9	22.5	22.0	21.7	21.4	21.2
-43.75°	24.0	23.7	23.3	22.9	22.5	22.1	21.7	21.5	21.3	21.1	20.8
-45°	23.1	22.8	22.4	22.1	21.7	21.5	21.3	21.1	20.9	20.7	20.4
-46.25°	22.2	21.9	21.7	21.5	21.3	21.1	20.9	20.7	20.5	20.3	20.1
-47.5°	21.6	21.4	21.2	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.8
-48.75°	21.1	21.0	20.8	20.6	20.5	20.3	20.1	19.9	19.8	19.8	19.8
-50°	20.7	20.5	20.4	20.2	20.1	19.9	19.8	19.8	19.8	19.8	19.8
-51.25°	20.2	20.1	19.9	19.8	19.8	19.8	19.8	19.8	19.8	19.7	19.5
-52.5°	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.7	19.5	19.3	19.2
-53.75°	19.8	19.8	19.8	19.8	19.8	19.6	19.5	19.3	19.1	18.9	18.7
-55°	19.8	19.7	19.6	19.5	19.3	19.2	19.0	18.9	18.6	18.3	17.9
-56.25°	19.4	19.3	19.2	19.0	18.9	18.7	18.4	18.1	17.8	17.5	17.2
-57.5°	18.9	18.8	18.6	18.4	18.1	17.8	17.6	17.3	17.0	16.7	16.6
-58.75°	18.1	17.9	17.7	17.5	17.2	17.0	16.8	16.6	16.5	16.4	16.2
-60°	17.2	17.0	16.8	16.7	16.6	16.5	16.4	16.3	16.1	16.0	15.8
-61.25°	16.6	16.5	16.4	16.3	16.2	16.1	16.0	15.8	15.4	15.0	14.6
-62.5°	16.2	16.1	16.0	15.9	15.6	15.3	14.9	14.6	14.2	13.8	13.4
-63.75°	15.4	15.1	14.8	14.6	14.3	13.9	13.6	13.3	12.9	12.6	12.2
-65°	14.0	13.7	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.3	11.0
-66.25°	12.6	12.4	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.1	9.8
-67.5°	11.2	11.0	10.7	10.5	10.3	10.0	9.8	9.6	9.4	9.2	9.0
-68.75°	9.8	9.7	9.6	9.4	9.2	9.1	8.9	8.7	8.5	8.3	8.1
-70°	8.9	8.8	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.7	7.6
-71.25°	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2
-72.5°	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8
-73.75°	7.0	6.9	6.9	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.4
-75°	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9
-76.25°	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6
-77.5°	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.2



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8
-80°	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4
-81.25°	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9
-82.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-83.75°	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1
-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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
82.5°	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1
81.25°	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4
80°	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8
78.75°	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.2	4.1
77.5°	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4
76.25°	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8
75°	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.1
73.75°	6.3	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4
72.5°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7
71.25°	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.0
70°	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.4
68.75°	7.9	7.8	7.7	7.6	7.5	7.3	7.2	7.1	7.0	6.8	6.7
67.5°	8.7	8.5	8.3	8.0	7.8	7.7	7.6	7.5	7.3	7.2	7.0
66.25°	9.6	9.3	9.1	8.8	8.5	8.3	8.0	7.8	7.7	7.5	7.4
65°	10.6	10.2	9.8	9.6	9.3	9.0	8.7	8.4	8.1	7.9	7.7
63.75°	11.8	11.4	11.0	10.6	10.1	9.7	9.4	9.1	8.8	8.5	8.1
62.5°	13.0	12.6	12.1	11.7	11.2	10.8	10.3	9.8	9.5	9.1	8.8
61.25°	14.2	13.7	13.3	12.8	12.3	11.8	11.3	10.8	10.3	9.8	9.4
60°	15.4	14.9	14.4	13.9	13.4	12.9	12.4	11.9	11.3	10.7	10.2
58.75°	16.1	16.0	15.6	15.1	14.5	14.0	13.4	12.9	12.3	11.7	11.1
57.5°	16.5	16.3	16.1	16.0	15.6	15.1	14.5	13.9	13.3	12.7	12.1
56.25°	16.8	16.6	16.5	16.3	16.1	16.0	15.5	14.9	14.3	13.7	13.0
55°	17.6	17.2	16.8	16.6	16.5	16.3	16.1	15.9	15.3	14.6	13.9
53.75°	18.4	18.0	17.6	17.2	16.8	16.6	16.4	16.2	16.0	15.6	14.9
52.5°	19.0	18.7	18.3	17.9	17.5	17.0	16.7	16.5	16.3	16.1	15.8
51.25°	19.3	19.1	18.9	18.6	18.2	17.7	17.3	16.8	16.6	16.4	16.1
50°	19.7	19.5	19.3	19.1	18.8	18.4	17.9	17.4	16.9	16.6	16.4
48.75°	19.8	19.8	19.6	19.4	19.2	18.9	18.6	18.1	17.6	17.0	16.7
47.5°	19.8	19.8	19.8	19.8	19.5	19.3	19.0	18.7	18.2	17.6	17.1
46.25°	19.8	19.8	19.8	19.8	19.8	19.6	19.3	19.1	18.8	18.2	17.7
45°	20.2	20.0	19.8	19.8	19.8	19.8	19.6	19.4	19.1	18.8	18.2
43.75°	20.6	20.3	20.1	19.8	19.8	19.8	19.8	19.7	19.4	19.1	18.8
42.5°	20.9	20.7	20.4	20.1	19.8	19.8	19.8	19.8	19.7	19.4	19.1
41.25°	21.3	21.0	20.7	20.4	20.2	19.9	19.8	19.8	19.8	19.6	19.3
40°	21.6	21.3	21.1	20.8	20.5	20.2	19.9	19.8	19.8	19.8	19.6
38.75°	22.1	21.7	21.4	21.1	20.8	20.5	20.2	19.8	19.8	19.8	19.8
37.5°	22.8	22.2	21.7	21.4	21.1	20.8	20.4	20.1	19.8	19.8	19.8
36.25°	23.5	22.9	22.3	21.7	21.4	21.1	20.7	20.4	20.1	19.8	19.8
35°	24.1	23.5	22.9	22.2	21.7	21.3	21.0	20.7	20.3	20.0	19.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	24.8	24.1	23.5	22.8	22.1	21.6	21.3	20.9	20.6	20.2	19.8
32.5°	25.4	24.8	24.1	23.4	22.7	22.0	21.5	21.2	20.8	20.4	20.1
31.25°	25.8	25.4	24.7	24.0	23.3	22.5	21.8	21.4	21.1	20.7	20.3
30°	25.8	25.8	25.2	24.5	23.8	23.0	22.3	21.7	21.3	20.9	20.5
28.75°	25.8	25.8	25.8	25.1	24.3	23.6	22.8	22.0	21.5	21.1	20.7
27.5°	25.8	25.8	25.8	25.6	24.8	24.0	23.3	22.5	21.7	21.3	20.9
26.25°	25.8	25.8	25.8	25.8	25.3	24.5	23.7	22.9	22.1	21.5	21.1
25°	25.8	25.8	25.8	25.8	25.8	25.0	24.2	23.3	22.5	21.7	21.3
23.75°	25.8	25.8	25.8	25.8	25.8	25.4	24.6	23.8	22.9	22.1	21.5
22.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.0	24.1	23.3	22.4	21.7
21.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.5	23.7	22.8	21.9
20°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.9	24.0	23.1	22.2
18.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.2	24.3	23.4	22.5
17.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.5	24.6	23.7	22.8
16.25°	26.0	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.9	24.0	23.1
15°	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.2	24.3	23.3
13.75°	26.3	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.5	23.6
12.5°	26.5	26.0	25.8	25.8	25.8	25.8	25.8	25.8	25.7	24.7	23.8
11.25°	26.7	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.9	24.0
10°	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.1	24.1
8.75°	27.1	26.4	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.3	24.3
7.5°	27.4	26.5	26.0	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.4
6.25°	27.7	26.6	26.1	25.8	25.8	25.8	25.8	25.8	25.8	25.5	24.5
5°	27.9	26.7	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.6	24.6
3.75°	28.0	26.7	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.7	24.7
2.5°	28.2	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.8
1.25°	28.2	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.8
0°	28.3	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.8
-1.25°	28.2	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.8
-2.5°	28.2	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.8
-3.75°	28.0	26.7	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.7	24.7
-5°	27.9	26.7	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.6	24.6
-6.25°	27.7	26.6	26.1	25.8	25.8	25.8	25.8	25.8	25.8	25.5	24.5
-7.5°	27.4	26.5	26.0	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.4
-8.75°	27.1	26.4	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.3	24.3
-10°	26.8	26.3	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.1	24.1
-11.25°	26.7	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.9	24.0
-12.5°	26.5	26.0	25.8	25.8	25.8	25.8	25.8	25.8	25.7	24.7	23.8
-13.75°	26.3	25.9	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.5	23.6
-15°	26.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.2	24.3	23.3
-16.25°	26.0	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.9	24.0	23.1
-17.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.5	24.6	23.7	22.8
-18.75°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.2	24.3	23.4	22.5
-20°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	24.9	24.0	23.1	22.2
-21.25°	25.8	25.8	25.8	25.8	25.8	25.8	25.4	24.5	23.7	22.8	21.9



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	25.8	25.8	25.8	25.8	25.8	25.8	25.0	24.1	23.3	22.4	21.7
-23.75°	25.8	25.8	25.8	25.8	25.8	25.4	24.6	23.8	22.9	22.1	21.5
-25°	25.8	25.8	25.8	25.8	25.8	25.0	24.2	23.3	22.5	21.7	21.3
-26.25°	25.8	25.8	25.8	25.8	25.3	24.5	23.7	22.9	22.1	21.5	21.1
-27.5°	25.8	25.8	25.8	25.6	24.8	24.0	23.3	22.5	21.7	21.3	20.9
-28.75°	25.8	25.8	25.8	25.1	24.3	23.6	22.8	22.0	21.5	21.1	20.7
-30°	25.8	25.8	25.2	24.5	23.8	23.0	22.3	21.7	21.3	20.9	20.5
-31.25°	25.8	25.4	24.7	24.0	23.3	22.5	21.8	21.4	21.1	20.7	20.3
-32.5°	25.4	24.8	24.1	23.4	22.7	22.0	21.5	21.2	20.8	20.4	20.1
-33.75°	24.8	24.1	23.5	22.8	22.1	21.6	21.3	20.9	20.6	20.2	19.8
-35°	24.1	23.5	22.9	22.2	21.7	21.3	21.0	20.7	20.3	20.0	19.8
-36.25°	23.5	22.9	22.3	21.7	21.4	21.1	20.7	20.4	20.1	19.8	19.8
-37.5°	22.8	22.2	21.7	21.4	21.1	20.8	20.4	20.1	19.8	19.8	19.8
-38.75°	22.1	21.7	21.4	21.1	20.8	20.5	20.2	19.8	19.8	19.8	19.8
-40°	21.6	21.3	21.1	20.8	20.5	20.2	19.9	19.8	19.8	19.8	19.6
-41.25°	21.3	21.0	20.7	20.4	20.2	19.9	19.8	19.8	19.8	19.6	19.3
-42.5°	20.9	20.7	20.4	20.1	19.8	19.8	19.8	19.8	19.7	19.4	19.1
-43.75°	20.6	20.3	20.1	19.8	19.8	19.8	19.8	19.7	19.4	19.1	18.8
-45°	20.2	20.0	19.8	19.8	19.8	19.8	19.6	19.4	19.1	18.8	18.2
-46.25°	19.8	19.8	19.8	19.8	19.8	19.6	19.3	19.1	18.8	18.2	17.7
-47.5°	19.8	19.8	19.8	19.8	19.5	19.3	19.0	18.7	18.2	17.6	17.1
-48.75°	19.8	19.8	19.6	19.4	19.2	18.9	18.6	18.1	17.6	17.0	16.7
-50°	19.7	19.5	19.3	19.1	18.8	18.4	17.9	17.4	16.9	16.6	16.4
-51.25°	19.3	19.1	18.9	18.6	18.2	17.7	17.3	16.8	16.6	16.4	16.1
-52.5°	19.0	18.7	18.3	17.9	17.5	17.0	16.7	16.5	16.3	16.1	15.8
-53.75°	18.4	18.0	17.6	17.2	16.8	16.6	16.4	16.2	16.0	15.6	14.9
-55°	17.6	17.2	16.8	16.6	16.5	16.3	16.1	15.9	15.3	14.6	13.9
-56.25°	16.8	16.6	16.5	16.3	16.1	16.0	15.5	14.9	14.3	13.7	13.0
-57.5°	16.5	16.3	16.1	16.0	15.6	15.1	14.5	13.9	13.3	12.7	12.1
-58.75°	16.1	16.0	15.6	15.1	14.5	14.0	13.4	12.9	12.3	11.7	11.1
-60°	15.4	14.9	14.4	13.9	13.4	12.9	12.4	11.9	11.3	10.7	10.2
-61.25°	14.2	13.7	13.3	12.8	12.3	11.8	11.3	10.8	10.3	9.8	9.4
-62.5°	13.0	12.6	12.1	11.7	11.2	10.8	10.3	9.8	9.5	9.1	8.8
-63.75°	11.8	11.4	11.0	10.6	10.1	9.7	9.4	9.1	8.8	8.5	8.1
-65°	10.6	10.2	9.8	9.6	9.3	9.0	8.7	8.4	8.1	7.9	7.7
-66.25°	9.6	9.3	9.1	8.8	8.5	8.3	8.0	7.8	7.7	7.5	7.4
-67.5°	8.7	8.5	8.3	8.0	7.8	7.7	7.6	7.5	7.3	7.2	7.0
-68.75°	7.9	7.8	7.7	7.6	7.5	7.3	7.2	7.1	7.0	6.8	6.7
-70°	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.4
-71.25°	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.0
-72.5°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7
-73.75°	6.3	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4
-75°	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.1
-76.25°	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8
-77.5°	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.2	4.1
-80°	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8
-81.25°	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4
-82.5°	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1
-83.75°	3.1	3.0	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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.4	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.8	2.6	2.5
80°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.1	3.0
78.75°	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2
77.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5
76.25°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7
75°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
73.75°	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2
72.5°	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5
71.25°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.8	4.7
70°	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2	5.1	4.9
68.75°	6.6	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.4	5.3	5.2
67.5°	6.9	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.4
66.25°	7.2	7.1	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.6
65°	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.1	6.0	5.8
63.75°	7.9	7.7	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0
62.5°	8.4	8.1	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2
61.25°	9.1	8.7	8.3	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5
60°	9.7	9.3	8.9	8.5	8.1	7.8	7.6	7.4	7.1	6.9	6.7
58.75°	10.5	9.9	9.5	9.1	8.6	8.2	7.8	7.6	7.4	7.1	6.9
57.5°	11.4	10.8	10.1	9.6	9.2	8.7	8.3	7.8	7.6	7.4	7.1
56.25°	12.4	11.7	11.0	10.3	9.7	9.2	8.8	8.3	7.8	7.6	7.4
55°	13.3	12.6	11.9	11.1	10.4	9.8	9.3	8.8	8.3	7.8	7.6
53.75°	14.2	13.4	12.7	12.0	11.2	10.5	9.8	9.2	8.7	8.2	7.8
52.5°	15.0	14.3	13.5	12.8	12.0	11.2	10.4	9.7	9.2	8.6	8.1
51.25°	15.9	15.1	14.4	13.6	12.8	12.0	11.1	10.3	9.6	9.1	8.5
50°	16.2	15.9	15.2	14.4	13.5	12.7	11.9	11.0	10.1	9.5	8.9
48.75°	16.4	16.2	15.9	15.1	14.3	13.4	12.6	11.7	10.8	9.9	9.3
47.5°	16.7	16.4	16.2	15.9	15.0	14.2	13.3	12.4	11.4	10.5	9.7
46.25°	17.1	16.7	16.4	16.1	15.8	14.9	13.9	13.0	12.1	11.1	10.2
45°	17.6	17.0	16.6	16.4	16.1	15.6	14.6	13.7	12.7	11.7	10.7
43.75°	18.2	17.6	16.9	16.6	16.3	16.0	15.3	14.3	13.3	12.3	11.3
42.5°	18.7	18.1	17.4	16.8	16.5	16.2	15.9	14.9	13.9	12.9	11.9
41.25°	19.0	18.6	17.9	17.3	16.7	16.4	16.1	15.5	14.5	13.4	12.4
40°	19.3	18.9	18.4	17.7	17.0	16.6	16.3	16.0	15.1	14.0	12.9
38.75°	19.5	19.2	18.8	18.2	17.5	16.8	16.5	16.1	15.6	14.5	13.4
37.5°	19.8	19.4	19.1	18.6	17.9	17.2	16.6	16.3	16.0	15.1	13.9
36.25°	19.8	19.6	19.3	18.9	18.3	17.6	16.8	16.5	16.1	15.6	14.4
35°	19.8	19.8	19.5	19.1	18.7	18.0	17.2	16.6	16.3	16.0	14.9



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	19.8	19.8	19.7	19.3	19.0	18.4	17.6	16.8	16.5	16.1	15.4
32.5°	19.8	19.8	19.8	19.5	19.2	18.7	17.9	17.2	16.6	16.2	15.8
31.25°	19.9	19.8	19.8	19.7	19.3	18.9	18.3	17.5	16.7	16.4	16.0
30°	20.1	19.8	19.8	19.8	19.5	19.1	18.6	17.8	17.0	16.5	16.1
28.75°	20.3	19.9	19.8	19.8	19.7	19.3	18.9	18.1	17.3	16.6	16.3
27.5°	20.5	20.1	19.8	19.8	19.8	19.5	19.0	18.4	17.6	16.8	16.4
26.25°	20.7	20.3	19.9	19.8	19.8	19.6	19.2	18.7	17.8	17.0	16.5
25°	20.9	20.5	20.1	19.8	19.8	19.8	19.3	18.9	18.1	17.2	16.6
23.75°	21.1	20.6	20.2	19.8	19.8	19.8	19.5	19.0	18.4	17.5	16.7
22.5°	21.2	20.8	20.4	19.9	19.8	19.8	19.6	19.2	18.6	17.7	16.8
21.25°	21.4	21.0	20.5	20.1	19.8	19.8	19.7	19.3	18.8	17.9	17.0
20°	21.6	21.1	20.7	20.2	19.8	19.8	19.8	19.4	18.9	18.1	17.2
18.75°	21.7	21.3	20.8	20.3	19.9	19.8	19.8	19.5	19.0	18.3	17.4
17.5°	21.9	21.4	20.9	20.5	20.0	19.8	19.8	19.6	19.1	18.5	17.6
16.25°	22.1	21.5	21.0	20.6	20.1	19.8	19.8	19.7	19.2	18.7	17.7
15°	22.4	21.6	21.2	20.7	20.2	19.8	19.8	19.8	19.3	18.8	17.9
13.75°	22.6	21.7	21.3	20.8	20.3	19.8	19.8	19.8	19.4	18.9	18.0
12.5°	22.8	21.9	21.3	20.9	20.4	19.9	19.8	19.8	19.5	19.0	18.2
11.25°	23.0	22.0	21.4	20.9	20.5	20.0	19.8	19.8	19.5	19.0	18.3
10°	23.2	22.2	21.5	21.0	20.5	20.0	19.8	19.8	19.6	19.1	18.4
8.75°	23.3	22.3	21.6	21.1	20.6	20.1	19.8	19.8	19.6	19.1	18.5
7.5°	23.4	22.5	21.6	21.1	20.6	20.2	19.8	19.8	19.7	19.2	18.6
6.25°	23.6	22.6	21.7	21.2	20.7	20.2	19.8	19.8	19.7	19.2	18.6
5°	23.6	22.6	21.7	21.2	20.7	20.2	19.8	19.8	19.7	19.2	18.7
3.75°	23.7	22.7	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.7
2.5°	23.8	22.8	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.8
1.25°	23.8	22.8	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.8
0°	23.8	22.8	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.8
-1.25°	23.8	22.8	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.8
-2.5°	23.8	22.8	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.8
-3.75°	23.7	22.7	21.8	21.3	20.8	20.3	19.8	19.8	19.8	19.3	18.7
-5°	23.6	22.6	21.7	21.2	20.7	20.2	19.8	19.8	19.7	19.2	18.7
-6.25°	23.6	22.6	21.7	21.2	20.7	20.2	19.8	19.8	19.7	19.2	18.6
-7.5°	23.4	22.5	21.6	21.1	20.6	20.2	19.8	19.8	19.7	19.2	18.6
-8.75°	23.3	22.3	21.6	21.1	20.6	20.1	19.8	19.8	19.6	19.1	18.5
-10°	23.2	22.2	21.5	21.0	20.5	20.0	19.8	19.8	19.6	19.1	18.4
-11.25°	23.0	22.0	21.4	20.9	20.5	20.0	19.8	19.8	19.5	19.0	18.3
-12.5°	22.8	21.9	21.3	20.9	20.4	19.9	19.8	19.8	19.5	19.0	18.2
-13.75°	22.6	21.7	21.3	20.8	20.3	19.8	19.8	19.8	19.4	18.9	18.0
-15°	22.4	21.6	21.2	20.7	20.2	19.8	19.8	19.8	19.3	18.8	17.9
-16.25°	22.1	21.5	21.0	20.6	20.1	19.8	19.8	19.7	19.2	18.7	17.7
-17.5°	21.9	21.4	20.9	20.5	20.0	19.8	19.8	19.6	19.1	18.5	17.6
-18.75°	21.7	21.3	20.8	20.3	19.9	19.8	19.8	19.5	19.0	18.3	17.4
-20°	21.6	21.1	20.7	20.2	19.8	19.8	19.8	19.4	18.9	18.1	17.2
-21.25°	21.4	21.0	20.5	20.1	19.8	19.8	19.7	19.3	18.8	17.9	17.0





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	21.2	20.8	20.4	19.9	19.8	19.8	19.6	19.2	18.6	17.7	16.8
-23.75°	21.1	20.6	20.2	19.8	19.8	19.8	19.5	19.0	18.4	17.5	16.7
-25°	20.9	20.5	20.1	19.8	19.8	19.8	19.3	18.9	18.1	17.2	16.6
-26.25°	20.7	20.3	19.9	19.8	19.8	19.6	19.2	18.7	17.8	17.0	16.5
-27.5°	20.5	20.1	19.8	19.8	19.8	19.5	19.0	18.4	17.6	16.8	16.4
-28.75°	20.3	19.9	19.8	19.8	19.7	19.3	18.9	18.1	17.3	16.6	16.3
-30°	20.1	19.8	19.8	19.8	19.5	19.1	18.6	17.8	17.0	16.5	16.1
-31.25°	19.9	19.8	19.8	19.7	19.3	18.9	18.3	17.5	16.7	16.4	16.0
-32.5°	19.8	19.8	19.8	19.5	19.2	18.7	17.9	17.2	16.6	16.2	15.8
-33.75°	19.8	19.8	19.7	19.3	19.0	18.4	17.6	16.8	16.5	16.1	15.4
-35°	19.8	19.8	19.5	19.1	18.7	18.0	17.2	16.6	16.3	16.0	14.9
-36.25°	19.8	19.6	19.3	18.9	18.3	17.6	16.8	16.5	16.1	15.6	14.4
-37.5°	19.8	19.4	19.1	18.6	17.9	17.2	16.6	16.3	16.0	15.1	13.9
-38.75°	19.5	19.2	18.8	18.2	17.5	16.8	16.5	16.1	15.6	14.5	13.4
-40°	19.3	18.9	18.4	17.7	17.0	16.6	16.3	16.0	15.1	14.0	12.9
-41.25°	19.0	18.6	17.9	17.3	16.7	16.4	16.1	15.5	14.5	13.4	12.4
-42.5°	18.7	18.1	17.4	16.8	16.5	16.2	15.9	14.9	13.9	12.9	11.9
-43.75°	18.2	17.6	16.9	16.6	16.3	16.0	15.3	14.3	13.3	12.3	11.3
-45°	17.6	17.0	16.6	16.4	16.1	15.6	14.6	13.7	12.7	11.7	10.7
-46.25°	17.1	16.7	16.4	16.1	15.8	14.9	13.9	13.0	12.1	11.1	10.2
-47.5°	16.7	16.4	16.2	15.9	15.0	14.2	13.3	12.4	11.4	10.5	9.7
-48.75°	16.4	16.2	15.9	15.1	14.3	13.4	12.6	11.7	10.8	9.9	9.3
-50°	16.2	15.9	15.2	14.4	13.5	12.7	11.9	11.0	10.1	9.5	8.9
-51.25°	15.9	15.1	14.4	13.6	12.8	12.0	11.1	10.3	9.6	9.1	8.5
-52.5°	15.0	14.3	13.5	12.8	12.0	11.2	10.4	9.7	9.2	8.6	8.1
-53.75°	14.2	13.4	12.7	12.0	11.2	10.5	9.8	9.2	8.7	8.2	7.8
-55°	13.3	12.6	11.9	11.1	10.4	9.8	9.3	8.8	8.3	7.8	7.6
-56.25°	12.4	11.7	11.0	10.3	9.7	9.2	8.8	8.3	7.8	7.6	7.4
-57.5°	11.4	10.8	10.1	9.6	9.2	8.7	8.3	7.8	7.6	7.4	7.1
-58.75°	10.5	9.9	9.5	9.1	8.6	8.2	7.8	7.6	7.4	7.1	6.9
-60°	9.7	9.3	8.9	8.5	8.1	7.8	7.6	7.4	7.1	6.9	6.7
-61.25°	9.1	8.7	8.3	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5
-62.5°	8.4	8.1	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2
-63.75°	7.9	7.7	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0
-65°	7.5	7.4	7.2	7.0	6.9	6.7	6.5	6.3	6.1	6.0	5.8
-66.25°	7.2	7.1	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.7	5.6
-67.5°	6.9	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.4
-68.75°	6.6	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.4	5.3	5.2
-70°	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2	5.1	4.9
-71.25°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.8	4.7
-72.5°	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5
-73.75°	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2
-75°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
-76.25°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7
-77.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2
-80°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.1	3.0
-81.25°	3.4	3.3	3.2	3.2	3.1	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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
77.5°	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8
76.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.5	2.3	2.1
75°	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.6	2.3
73.75°	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.6
72.5°	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	3.1	2.9
71.25°	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1
70°	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.4	3.2
68.75°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.5	3.3
67.5°	5.2	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6	3.5
66.25°	5.4	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6
65°	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7
63.75°	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.8
62.5°	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.6	4.4	4.2	4.0
61.25°	6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.3	4.1
60°	6.5	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.5	4.2
58.75°	6.7	6.4	6.2	6.0	5.7	5.5	5.3	5.1	4.8	4.6	4.3
57.5°	6.9	6.6	6.4	6.1	5.9	5.7	5.4	5.2	5.0	4.7	4.5
56.25°	7.1	6.8	6.6	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.6
55°	7.3	7.0	6.8	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.7
53.75°	7.5	7.2	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.1	4.8
52.5°	7.7	7.4	7.1	6.9	6.6	6.3	6.0	5.7	5.5	5.2	4.9
51.25°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.0
50°	8.3	7.8	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1
48.75°	8.7	8.1	7.7	7.4	7.1	6.7	6.4	6.1	5.8	5.5	5.2
47.5°	9.1	8.4	7.9	7.5	7.2	6.9	6.6	6.2	5.9	5.6	5.3
46.25°	9.4	8.8	8.1	7.7	7.4	7.0	6.7	6.4	6.0	5.7	5.4
45°	9.8	9.1	8.5	7.9	7.5	7.2	6.8	6.5	6.2	5.8	5.5
43.75°	10.3	9.5	8.8	8.1	7.7	7.3	7.0	6.6	6.3	5.9	5.6
42.5°	10.8	9.8	9.1	8.4	7.8	7.5	7.1	6.7	6.4	6.0	5.7
41.25°	11.3	10.3	9.4	8.7	8.0	7.6	7.2	6.9	6.5	6.1	5.8
40°	11.8	10.8	9.7	9.0	8.3	7.7	7.3	7.0	6.6	6.2	5.9
38.75°	12.3	11.2	10.1	9.3	8.5	7.8	7.5	7.1	6.7	6.3	5.9
37.5°	12.8	11.7	10.6	9.6	8.8	8.0	7.6	7.2	6.8	6.4	6.0
36.25°	13.3	12.1	11.0	9.8	9.1	8.3	7.7	7.3	6.9	6.5	6.1
35°	13.7	12.6	11.4	10.2	9.3	8.5	7.8	7.4	7.0	6.6	6.2



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	14.2	13.0	11.8	10.6	9.6	8.7	7.9	7.5	7.1	6.7	6.3
32.5°	14.6	13.4	12.2	11.0	9.8	9.0	8.1	7.6	7.2	6.8	6.4
31.25°	15.0	13.8	12.6	11.3	10.1	9.2	8.3	7.7	7.3	6.9	6.4
30°	15.4	14.2	12.9	11.7	10.4	9.4	8.5	7.8	7.4	6.9	6.5
28.75°	15.8	14.6	13.3	12.0	10.7	9.6	8.7	7.9	7.4	7.0	6.6
27.5°	16.0	14.9	13.6	12.3	11.0	9.8	8.9	8.0	7.5	7.1	6.6
26.25°	16.1	15.3	13.9	12.6	11.3	10.0	9.1	8.2	7.6	7.2	6.7
25°	16.2	15.6	14.3	12.9	11.6	10.3	9.2	8.3	7.7	7.2	6.8
23.75°	16.3	15.9	14.6	13.2	11.9	10.5	9.4	8.5	7.7	7.3	6.8
22.5°	16.4	16.0	14.8	13.5	12.1	10.7	9.6	8.6	7.8	7.4	6.9
21.25°	16.5	16.1	15.1	13.7	12.4	11.0	9.7	8.8	7.9	7.4	6.9
20°	16.6	16.2	15.4	14.0	12.6	11.2	9.8	8.9	8.0	7.5	7.0
18.75°	16.7	16.2	15.6	14.2	12.8	11.4	10.0	9.0	8.1	7.5	7.0
17.5°	16.7	16.3	15.8	14.4	13.0	11.6	10.2	9.1	8.2	7.6	7.1
16.25°	16.8	16.4	15.9	14.6	13.2	11.8	10.3	9.2	8.3	7.6	7.1
15°	16.9	16.4	16.0	14.8	13.4	11.9	10.5	9.3	8.4	7.7	7.2
13.75°	17.1	16.5	16.1	15.0	13.5	12.1	10.6	9.4	8.5	7.7	7.2
12.5°	17.2	16.5	16.1	15.1	13.7	12.2	10.8	9.5	8.5	7.7	7.2
11.25°	17.3	16.6	16.2	15.3	13.8	12.4	10.9	9.6	8.6	7.8	7.3
10°	17.4	16.6	16.2	15.4	13.9	12.5	11.0	9.6	8.7	7.8	7.3
8.75°	17.5	16.7	16.2	15.5	14.0	12.6	11.1	9.7	8.7	7.8	7.3
7.5°	17.6	16.7	16.3	15.6	14.1	12.7	11.2	9.8	8.8	7.8	7.3
6.25°	17.7	16.7	16.3	15.7	14.2	12.7	11.2	9.8	8.8	7.9	7.4
5°	17.7	16.8	16.3	15.8	14.3	12.8	11.3	9.8	8.8	7.9	7.4
3.75°	17.7	16.8	16.3	15.8	14.3	12.8	11.3	9.9	8.9	7.9	7.4
2.5°	17.8	16.8	16.3	15.9	14.4	12.9	11.4	9.9	8.9	7.9	7.4
1.25°	17.8	16.8	16.3	15.9	14.4	12.9	11.4	9.9	8.9	7.9	7.4
0°	17.8	16.8	16.4	15.9	14.4	12.9	11.4	9.9	8.9	7.9	7.4
-1.25°	17.8	16.8	16.3	15.9	14.4	12.9	11.4	9.9	8.9	7.9	7.4
-2.5°	17.8	16.8	16.3	15.9	14.4	12.9	11.4	9.9	8.9	7.9	7.4
-3.75°	17.7	16.8	16.3	15.8	14.3	12.8	11.3	9.9	8.9	7.9	7.4
-5°	17.7	16.8	16.3	15.8	14.3	12.8	11.3	9.8	8.8	7.9	7.4
-6.25°	17.7	16.7	16.3	15.7	14.2	12.7	11.2	9.8	8.8	7.9	7.4
-7.5°	17.6	16.7	16.3	15.6	14.1	12.7	11.2	9.8	8.8	7.8	7.3
-8.75°	17.5	16.7	16.2	15.5	14.0	12.6	11.1	9.7	8.7	7.8	7.3
-10°	17.4	16.6	16.2	15.4	13.9	12.5	11.0	9.6	8.7	7.8	7.3
-11.25°	17.3	16.6	16.2	15.3	13.8	12.4	10.9	9.6	8.6	7.8	7.3
-12.5°	17.2	16.5	16.1	15.1	13.7	12.2	10.8	9.5	8.5	7.7	7.2
-13.75°	17.1	16.5	16.1	15.0	13.5	12.1	10.6	9.4	8.5	7.7	7.2
-15°	16.9	16.4	16.0	14.8	13.4	11.9	10.5	9.3	8.4	7.7	7.2
-16.25°	16.8	16.4	15.9	14.6	13.2	11.8	10.3	9.2	8.3	7.6	7.1
-17.5°	16.7	16.3	15.8	14.4	13.0	11.6	10.2	9.1	8.2	7.6	7.1
-18.75°	16.7	16.2	15.6	14.2	12.8	11.4	10.0	9.0	8.1	7.5	7.0
-20°	16.6	16.2	15.4	14.0	12.6	11.2	9.8	8.9	8.0	7.5	7.0
-21.25°	16.5	16.1	15.1	13.7	12.4	11.0	9.7	8.8	7.9	7.4	6.9



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	16.4	16.0	14.8	13.5	12.1	10.7	9.6	8.6	7.8	7.4	6.9
-23.75°	16.3	15.9	14.6	13.2	11.9	10.5	9.4	8.5	7.7	7.3	6.8
-25°	16.2	15.6	14.3	12.9	11.6	10.3	9.2	8.3	7.7	7.2	6.8
-26.25°	16.1	15.3	13.9	12.6	11.3	10.0	9.1	8.2	7.6	7.2	6.7
-27.5°	16.0	14.9	13.6	12.3	11.0	9.8	8.9	8.0	7.5	7.1	6.6
-28.75°	15.8	14.6	13.3	12.0	10.7	9.6	8.7	7.9	7.4	7.0	6.6
-30°	15.4	14.2	12.9	11.7	10.4	9.4	8.5	7.8	7.4	6.9	6.5
-31.25°	15.0	13.8	12.6	11.3	10.1	9.2	8.3	7.7	7.3	6.9	6.4
-32.5°	14.6	13.4	12.2	11.0	9.8	9.0	8.1	7.6	7.2	6.8	6.4
-33.75°	14.2	13.0	11.8	10.6	9.6	8.7	7.9	7.5	7.1	6.7	6.3
-35°	13.7	12.6	11.4	10.2	9.3	8.5	7.8	7.4	7.0	6.6	6.2
-36.25°	13.3	12.1	11.0	9.8	9.1	8.3	7.7	7.3	6.9	6.5	6.1
-37.5°	12.8	11.7	10.6	9.6	8.8	8.0	7.6	7.2	6.8	6.4	6.0
-38.75°	12.3	11.2	10.1	9.3	8.5	7.8	7.5	7.1	6.7	6.3	5.9
-40°	11.8	10.8	9.7	9.0	8.3	7.7	7.3	7.0	6.6	6.2	5.9
-41.25°	11.3	10.3	9.4	8.7	8.0	7.6	7.2	6.9	6.5	6.1	5.8
-42.5°	10.8	9.8	9.1	8.4	7.8	7.5	7.1	6.7	6.4	6.0	5.7
-43.75°	10.3	9.5	8.8	8.1	7.7	7.3	7.0	6.6	6.3	5.9	5.6
-45°	9.8	9.1	8.5	7.9	7.5	7.2	6.8	6.5	6.2	5.8	5.5
-46.25°	9.4	8.8	8.1	7.7	7.4	7.0	6.7	6.4	6.0	5.7	5.4
-47.5°	9.1	8.4	7.9	7.5	7.2	6.9	6.6	6.2	5.9	5.6	5.3
-48.75°	8.7	8.1	7.7	7.4	7.1	6.7	6.4	6.1	5.8	5.5	5.2
-50°	8.3	7.8	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1
-51.25°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.0
-52.5°	7.7	7.4	7.1	6.9	6.6	6.3	6.0	5.7	5.5	5.2	4.9
-53.75°	7.5	7.2	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.1	4.8
-55°	7.3	7.0	6.8	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.7
-56.25°	7.1	6.8	6.6	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.6
-57.5°	6.9	6.6	6.4	6.1	5.9	5.7	5.4	5.2	5.0	4.7	4.5
-58.75°	6.7	6.4	6.2	6.0	5.7	5.5	5.3	5.1	4.8	4.6	4.3
-60°	6.5	6.2	6.0	5.8	5.6	5.4	5.2	4.9	4.7	4.5	4.2
-61.25°	6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.3	4.1
-62.5°	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.6	4.4	4.2	4.0
-63.75°	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.8
-65°	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7
-66.25°	5.4	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6
-67.5°	5.2	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6	3.5
-68.75°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.5	3.3
-70°	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.4	3.2
-71.25°	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1
-72.5°	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	3.1	2.9
-73.75°	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.6
-75°	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.6	2.3
-76.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.5	2.3	2.1
-77.5°	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.2	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: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	3.0	2.7	2.4	2.1	1.7	1.4	1.0	0.9	0.7	0.5	0.3
68.75°	3.2	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4
67.5°	3.3	3.1	2.8	2.4	2.0	1.7	1.3	1.0	0.8	0.6	0.4
66.25°	3.4	3.2	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.6	0.4
65°	3.5	3.3	3.1	2.8	2.4	1.9	1.5	1.1	0.8	0.6	0.4
63.75°	3.6	3.4	3.2	3.0	2.5	2.1	1.6	1.2	0.9	0.7	0.4
62.5°	3.7	3.5	3.3	3.1	2.7	2.2	1.8	1.3	0.9	0.7	0.5
61.25°	3.9	3.6	3.4	3.2	2.8	2.4	1.9	1.4	1.0	0.7	0.5
60°	4.0	3.7	3.5	3.2	3.0	2.5	2.0	1.5	1.0	0.7	0.5
58.75°	4.1	3.8	3.6	3.3	3.1	2.6	2.1	1.6	1.1	0.8	0.5
57.5°	4.2	3.9	3.7	3.4	3.1	2.8	2.2	1.7	1.1	0.8	0.5
56.25°	4.3	4.0	3.8	3.5	3.2	2.9	2.3	1.8	1.2	0.8	0.6
55°	4.4	4.1	3.9	3.6	3.3	3.0	2.4	1.9	1.3	0.9	0.6
53.75°	4.5	4.2	3.9	3.6	3.4	3.1	2.5	2.0	1.4	0.9	0.6
52.5°	4.6	4.3	4.0	3.7	3.4	3.1	2.6	2.0	1.4	0.9	0.6
51.25°	4.7	4.4	4.1	3.8	3.5	3.2	2.7	2.1	1.5	0.9	0.6
50°	4.8	4.5	4.2	3.9	3.6	3.2	2.9	2.2	1.6	1.0	0.6
48.75°	4.9	4.6	4.3	4.0	3.6	3.3	2.9	2.3	1.6	1.0	0.7
47.5°	5.0	4.7	4.4	4.0	3.7	3.4	3.0	2.4	1.7	1.0	0.7
46.25°	5.1	4.8	4.4	4.1	3.8	3.4	3.1	2.5	1.8	1.1	0.7
45°	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.5	1.8	1.1	0.7
43.75°	5.3	5.0	4.6	4.2	3.9	3.5	3.2	2.6	1.9	1.2	0.7
42.5°	5.4	5.0	4.7	4.3	3.9	3.6	3.2	2.7	1.9	1.2	0.7
41.25°	5.4	5.1	4.7	4.4	4.0	3.6	3.3	2.8	2.0	1.3	0.8
40°	5.5	5.2	4.8	4.4	4.1	3.7	3.3	2.8	2.1	1.3	0.8
38.75°	5.6	5.2	4.9	4.5	4.1	3.7	3.3	2.9	2.1	1.3	0.8
37.5°	5.7	5.3	5.0	4.6	4.2	3.8	3.4	3.0	2.2	1.4	0.8
36.25°	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.2	1.4	0.8
35°	5.8	5.4	5.1	4.7	4.3	3.9	3.5	3.0	2.3	1.5	0.8



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1	2.3	1.5	0.8
32.5°	5.9	5.6	5.2	4.8	4.4	3.9	3.5	3.1	2.4	1.5	0.8
31.25°	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1	2.4	1.6	0.9
30°	6.1	5.7	5.3	4.9	4.5	4.0	3.6	3.2	2.5	1.6	0.9
28.75°	6.1	5.7	5.3	4.9	4.5	4.1	3.6	3.2	2.5	1.6	0.9
27.5°	6.2	5.8	5.4	5.0	4.5	4.1	3.7	3.2	2.5	1.7	0.9
26.25°	6.3	5.8	5.4	5.0	4.6	4.1	3.7	3.2	2.6	1.7	0.9
25°	6.3	5.9	5.5	5.1	4.6	4.2	3.7	3.3	2.6	1.7	0.9
23.75°	6.4	5.9	5.5	5.1	4.7	4.2	3.7	3.3	2.7	1.7	0.9
22.5°	6.4	6.0	5.6	5.1	4.7	4.2	3.8	3.3	2.7	1.8	0.9
21.25°	6.5	6.0	5.6	5.2	4.7	4.3	3.8	3.3	2.7	1.8	0.9
20°	6.5	6.1	5.6	5.2	4.8	4.3	3.8	3.3	2.8	1.8	0.9
18.75°	6.6	6.1	5.7	5.2	4.8	4.3	3.8	3.4	2.8	1.8	0.9
17.5°	6.6	6.1	5.7	5.3	4.8	4.3	3.9	3.4	2.8	1.9	1.0
16.25°	6.7	6.2	5.7	5.3	4.8	4.4	3.9	3.4	2.8	1.9	1.0
15°	6.7	6.2	5.7	5.3	4.9	4.4	3.9	3.4	2.9	1.9	1.0
13.75°	6.7	6.2	5.8	5.3	4.9	4.4	3.9	3.4	2.9	1.9	1.0
12.5°	6.8	6.3	5.8	5.4	4.9	4.4	3.9	3.4	2.9	1.9	1.0
11.25°	6.8	6.3	5.8	5.4	4.9	4.4	3.9	3.5	2.9	1.9	1.0
10°	6.8	6.3	5.8	5.4	4.9	4.4	4.0	3.5	2.9	2.0	1.0
8.75°	6.8	6.3	5.8	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
7.5°	6.8	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
6.25°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
5°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
3.75°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
2.5°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
1.25°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
0°	6.9	6.4	5.9	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-1.25°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-2.5°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-3.75°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-5°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-6.25°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-7.5°	6.8	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-8.75°	6.8	6.3	5.8	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-10°	6.8	6.3	5.8	5.4	4.9	4.4	4.0	3.5	2.9	2.0	1.0
-11.25°	6.8	6.3	5.8	5.4	4.9	4.4	3.9	3.5	2.9	1.9	1.0
-12.5°	6.8	6.3	5.8	5.4	4.9	4.4	3.9	3.4	2.9	1.9	1.0
-13.75°	6.7	6.2	5.8	5.3	4.9	4.4	3.9	3.4	2.9	1.9	1.0
-15°	6.7	6.2	5.7	5.3	4.9	4.4	3.9	3.4	2.9	1.9	1.0
-16.25°	6.7	6.2	5.7	5.3	4.8	4.4	3.9	3.4	2.8	1.9	1.0
-17.5°	6.6	6.1	5.7	5.3	4.8	4.3	3.9	3.4	2.8	1.9	1.0
-18.75°	6.6	6.1	5.7	5.2	4.8	4.3	3.8	3.4	2.8	1.8	0.9
-20°	6.5	6.1	5.6	5.2	4.8	4.3	3.8	3.3	2.8	1.8	0.9
-21.25°	6.5	6.0	5.6	5.2	4.7	4.3	3.8	3.3	2.7	1.8	0.9





REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°	6.4	6.0	5.6	5.1	4.7	4.2	3.8	3.3	2.7	1.8	0.9
-23.75°	6.4	5.9	5.5	5.1	4.7	4.2	3.7	3.3	2.7	1.7	0.9
-25°	6.3	5.9	5.5	5.1	4.6	4.2	3.7	3.3	2.6	1.7	0.9
-26.25°	6.3	5.8	5.4	5.0	4.6	4.1	3.7	3.2	2.6	1.7	0.9
-27.5°	6.2	5.8	5.4	5.0	4.5	4.1	3.7	3.2	2.5	1.7	0.9
-28.75°	6.1	5.7	5.3	4.9	4.5	4.1	3.6	3.2	2.5	1.6	0.9
-30°	6.1	5.7	5.3	4.9	4.5	4.0	3.6	3.2	2.5	1.6	0.9
-31.25°	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1	2.4	1.6	0.9
-32.5°	5.9	5.6	5.2	4.8	4.4	3.9	3.5	3.1	2.4	1.5	0.8
-33.75°	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1	2.3	1.5	0.8
-35°	5.8	5.4	5.1	4.7	4.3	3.9	3.5	3.0	2.3	1.5	0.8
-36.25°	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.0	2.2	1.4	0.8
-37.5°	5.7	5.3	5.0	4.6	4.2	3.8	3.4	3.0	2.2	1.4	0.8
-38.75°	5.6	5.2	4.9	4.5	4.1	3.7	3.3	2.9	2.1	1.3	0.8
-40°	5.5	5.2	4.8	4.4	4.1	3.7	3.3	2.8	2.1	1.3	0.8
-41.25°	5.4	5.1	4.7	4.4	4.0	3.6	3.3	2.8	2.0	1.3	0.8
-42.5°	5.4	5.0	4.7	4.3	3.9	3.6	3.2	2.7	1.9	1.2	0.7
-43.75°	5.3	5.0	4.6	4.2	3.9	3.5	3.2	2.6	1.9	1.2	0.7
-45°	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.5	1.8	1.1	0.7
-46.25°	5.1	4.8	4.4	4.1	3.8	3.4	3.1	2.5	1.8	1.1	0.7
-47.5°	5.0	4.7	4.4	4.0	3.7	3.4	3.0	2.4	1.7	1.0	0.7
-48.75°	4.9	4.6	4.3	4.0	3.6	3.3	2.9	2.3	1.6	1.0	0.7
-50°	4.8	4.5	4.2	3.9	3.6	3.2	2.9	2.2	1.6	1.0	0.6
-51.25°	4.7	4.4	4.1	3.8	3.5	3.2	2.7	2.1	1.5	0.9	0.6
-52.5°	4.6	4.3	4.0	3.7	3.4	3.1	2.6	2.0	1.4	0.9	0.6
-53.75°	4.5	4.2	3.9	3.6	3.4	3.1	2.5	2.0	1.4	0.9	0.6
-55°	4.4	4.1	3.9	3.6	3.3	3.0	2.4	1.9	1.3	0.9	0.6
-56.25°	4.3	4.0	3.8	3.5	3.2	2.9	2.3	1.8	1.2	0.8	0.6
-57.5°	4.2	3.9	3.7	3.4	3.1	2.8	2.2	1.7	1.1	0.8	0.5
-58.75°	4.1	3.8	3.6	3.3	3.1	2.6	2.1	1.6	1.1	0.8	0.5
-60°	4.0	3.7	3.5	3.2	3.0	2.5	2.0	1.5	1.0	0.7	0.5
-61.25°	3.9	3.6	3.4	3.2	2.8	2.4	1.9	1.4	1.0	0.7	0.5
-62.5°	3.7	3.5	3.3	3.1	2.7	2.2	1.8	1.3	0.9	0.7	0.5
-63.75°	3.6	3.4	3.2	3.0	2.5	2.1	1.6	1.2	0.9	0.7	0.4
-65°	3.5	3.3	3.1	2.8	2.4	1.9	1.5	1.1	0.8	0.6	0.4
-66.25°	3.4	3.2	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.6	0.4
-67.5°	3.3	3.1	2.8	2.4	2.0	1.7	1.3	1.0	0.8	0.6	0.4
-68.75°	3.2	3.0	2.6	2.2	1.9	1.5	1.2	0.9	0.7	0.5	0.4
-70°	3.0	2.7	2.4	2.1	1.7	1.4	1.0	0.9	0.7	0.5	0.3
-71.25°	2.8	2.5	2.2	1.9	1.6	1.2	1.0	0.8	0.6	0.5	0.3
-72.5°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
-73.75°	2.3	2.1	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4	0.3
-75°	2.1	1.8	1.6	1.3	1.1	0.9	0.8	0.6	0.5	0.4	0.3
-76.25°	1.8	1.6	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-77.5°	1.6	1.4	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3	0.2



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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°
-78.75°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.1	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-81.25°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-82.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-83.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-85°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-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



REPORT NUMBER: P221147 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-S-WT-LC2-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)