

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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

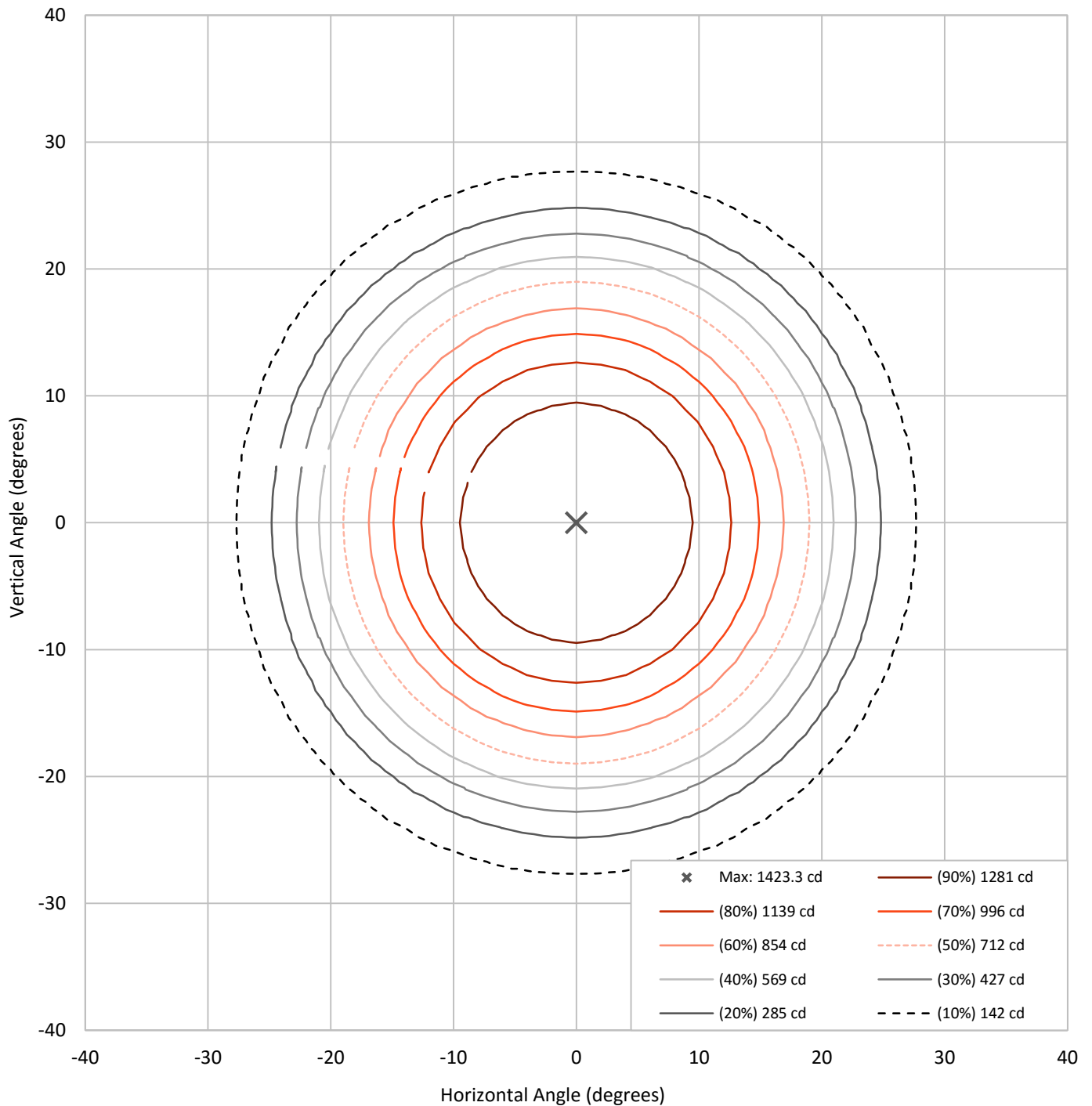
Test Method: LM-79-08
Report Number: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29552)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) WARM DIMMING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	625.8 lumens	Max Intensity:	1423.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	38°H x 38°V	Field Angle (10%):	55.2°H x 55.2°V
Beam Lumens:	371.5 lumens	Field Lumens:	513.8 lumens
Beam Efficiency:	59.4%	Field Efficiency:	82.1%
Input Watts (W):	24		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot



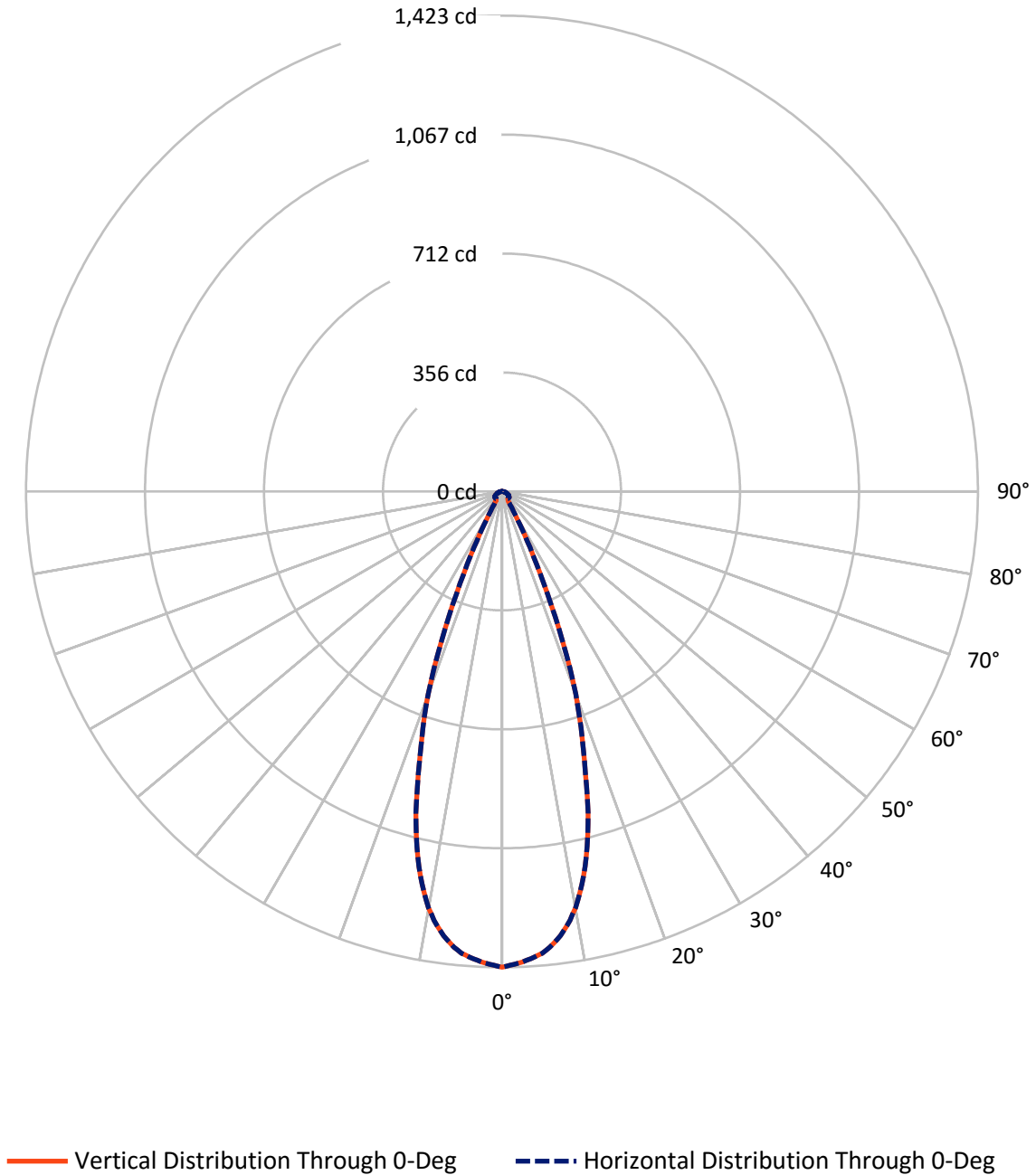
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Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.2	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.2				
30	0.2	0.2	0.4	0.6	0.7	1.0	3.6	8.1	8.1	3.6	1.0	0.7	0.6	0.4	0.2	0.2			
20		0.2	0.4	0.6	0.7	3.4	15.9	27.6	27.6	15.9	3.4	0.7	0.6	0.4	0.2				
10	0.2	0.2	0.4	0.6	0.9	7.5	26.8	39.9	39.9	26.8	7.5	0.9	0.6	0.4	0.2	0.2			
0		0.2	0.4	0.6	0.9	7.5	26.8	39.9	39.9	26.8	7.5	0.9	0.6	0.4	0.2				
-10	0.2	0.2	0.4	0.6	0.9	7.5	26.8	39.9	39.9	26.8	7.5	0.9	0.6	0.4	0.2	0.2			
-20		0.2	0.4	0.6	0.7	1.0	3.6	8.1	8.1	3.6	1.0	0.7	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.1			
-60		0.1	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.2	0.2	0.1				
-70	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0							0.0			
-80		0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

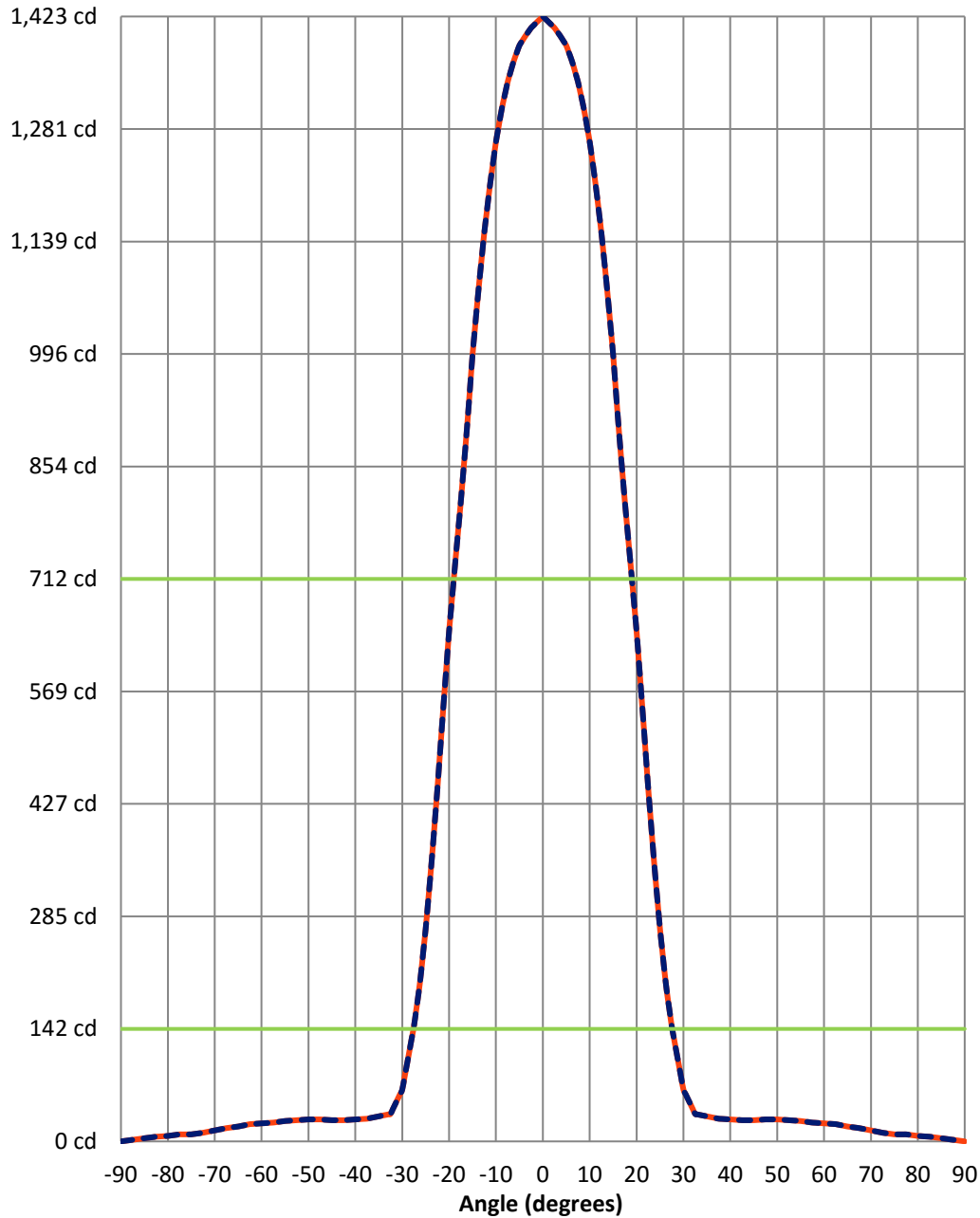
REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 38°
 V Angle: 38°
 Lumens: 371.5
 Efficiency: 59.4%

Field:
 H Angle: 55.2°
 V Angle: 55.2°
 Lumens: 513.8
 Efficiency: 82.1%

Spill:
 Lumens: 112
 Efficiency: 17.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.1	6.6	7.2	8.1
-23.75°	0.0	0.9	1.8	2.7	3.7	4.5	5.4	6.1	6.6	7.1	8.0
-25°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.1	6.5	7.0	8.0
-26.25°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.0	6.5	7.0	7.9
-27.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.0	6.4	6.9	7.8
-28.75°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.0	6.4	6.8	7.7
-30°	0.0	0.9	1.7	2.6	3.5	4.3	5.1	5.9	6.4	6.8	7.5
-31.25°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	6.3	6.7	7.4
-32.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.3	6.7	7.3
-33.75°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	5.7	6.2	6.6	7.2
-35°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.6	6.2	6.6	7.1
-36.25°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.1	6.5	6.9
-37.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.7	5.5	6.1	6.5	6.9
-38.75°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.4	6.8
-40°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.3	6.7
-41.25°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.2	5.9	6.3	6.6
-42.5°	0.0	0.7	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.2	6.6
-43.75°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.1	6.5
-45°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.1	6.4
-46.25°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.4	6.0	6.3
-47.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.3
-48.75°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.2
-50°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.1	5.7	6.1
-51.25°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.4	4.9	5.5	6.0
-52.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	5.9
-53.75°	0.0	0.6	1.2	1.8	2.4	3.0	3.5	4.1	4.7	5.2	5.8
-55°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.1	5.6
-56.25°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	4.9	5.4
-57.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.8	4.3	4.8	5.3
-58.75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-60°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	4.9
-61.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.7
-62.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.8	3.2	3.7	4.1	4.6
-63.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	4.0	4.4
-65°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2
-66.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-67.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-68.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
-70°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.1	3.4
-71.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.2
-72.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-73.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.8
-75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
-76.25°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.1	2.4
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7	1.9
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-81.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
82.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
81.25°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1
80°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.4	3.5
78.75°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
77.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4
76.25°	2.6	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8
75°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	5.0	5.2
73.75°	3.1	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.4	5.6
72.5°	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.2	5.5	5.7	6.0
71.25°	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.0	6.2
70°	3.7	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.2	6.4
68.75°	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.1	6.3	6.4	6.6
67.5°	4.2	4.5	4.9	5.2	5.6	5.9	6.1	6.3	6.4	6.6	6.8
66.25°	4.4	4.7	5.1	5.5	5.9	6.1	6.3	6.4	6.6	6.8	7.1
65°	4.6	5.0	5.4	5.7	6.0	6.2	6.4	6.6	6.8	7.1	7.5
63.75°	4.8	5.2	5.6	6.0	6.2	6.4	6.6	6.8	7.1	7.5	7.9
62.5°	5.0	5.4	5.8	6.1	6.3	6.5	6.8	7.0	7.5	7.9	8.3
61.25°	5.2	5.6	6.0	6.2	6.5	6.7	6.9	7.4	7.8	8.3	8.7
60°	5.4	5.9	6.1	6.4	6.6	6.8	7.3	7.7	8.2	8.7	8.9
58.75°	5.6	6.0	6.2	6.5	6.7	7.1	7.6	8.1	8.5	8.9	8.9
57.5°	5.8	6.1	6.4	6.6	6.9	7.4	7.9	8.4	8.9	8.9	8.9
56.25°	5.9	6.2	6.5	6.7	7.1	7.7	8.2	8.7	8.9	8.9	8.9
55°	6.0	6.3	6.6	6.9	7.4	8.0	8.5	8.9	8.9	8.9	8.9
53.75°	6.1	6.4	6.7	7.1	7.7	8.2	8.8	8.9	8.9	8.9	9.0
52.5°	6.2	6.5	6.8	7.3	7.9	8.5	8.9	8.9	8.9	8.9	9.4
51.25°	6.3	6.6	7.0	7.6	8.2	8.8	8.9	8.9	8.9	9.2	9.8
50°	6.4	6.7	7.2	7.8	8.4	8.9	8.9	8.9	8.9	9.5	10.1
48.75°	6.5	6.8	7.4	8.0	8.7	8.9	8.9	8.9	9.2	9.8	10.5
47.5°	6.6	7.0	7.6	8.3	8.9	8.9	8.9	8.9	9.5	10.2	10.8
46.25°	6.7	7.1	7.8	8.5	8.9	8.9	8.9	9.2	9.8	10.5	11.3
45°	6.8	7.3	8.0	8.7	8.9	8.9	8.9	9.5	10.1	10.8	11.8
43.75°	6.9	7.5	8.2	8.9	8.9	8.9	9.0	9.7	10.4	11.2	12.3
42.5°	7.0	7.7	8.4	8.9	8.9	8.9	9.3	10.0	10.7	11.7	12.7
41.25°	7.1	7.9	8.6	8.9	8.9	8.9	9.6	10.3	11.1	12.1	13.2
40°	7.3	8.0	8.8	8.9	8.9	9.1	9.8	10.5	11.5	12.6	13.7
38.75°	7.4	8.2	8.9	8.9	8.9	9.3	10.0	10.8	11.9	13.0	14.1
37.5°	7.6	8.4	8.9	8.9	8.9	9.5	10.3	11.1	12.3	13.4	14.5
36.25°	7.7	8.5	8.9	8.9	8.9	9.7	10.5	11.5	12.6	13.8	14.9
35°	7.9	8.7	8.9	8.9	9.1	9.9	10.7	11.8	13.0	14.2	15.3



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	8.0	8.8	8.9	8.9	9.3	10.1	10.9	12.2	13.4	14.6	15.7
32.5°	8.2	8.9	8.9	8.9	9.5	10.3	11.3	12.5	13.7	14.9	16.1
31.25°	8.3	8.9	8.9	8.9	9.7	10.5	11.6	12.8	14.1	15.3	16.5
30°	8.4	8.9	8.9	9.0	9.8	10.7	11.9	13.1	14.4	15.6	16.8
28.75°	8.5	8.9	8.9	9.1	10.0	10.9	12.1	13.4	14.7	15.9	17.1
27.5°	8.6	8.9	8.9	9.3	10.2	11.1	12.4	13.7	15.0	16.2	17.3
26.25°	8.7	8.9	8.9	9.4	10.3	11.3	12.7	14.0	15.3	16.5	17.5
25°	8.9	8.9	8.9	9.6	10.4	11.6	12.9	14.2	15.5	16.8	17.7
23.75°	8.9	8.9	8.9	9.7	10.6	11.8	13.1	14.5	15.8	17.0	17.9
22.5°	8.9	8.9	8.9	9.8	10.7	12.0	13.4	14.7	16.0	17.2	18.1
21.25°	8.9	8.9	9.0	9.9	10.8	12.2	13.6	14.9	16.3	17.4	18.3
20°	8.9	8.9	9.1	10.0	11.0	12.4	13.8	15.1	16.5	17.5	18.4
18.75°	8.9	8.9	9.2	10.1	11.2	12.6	14.0	15.3	16.7	17.7	18.6
17.5°	8.9	8.9	9.3	10.2	11.3	12.7	14.2	15.5	16.9	17.8	18.8
16.25°	8.9	8.9	9.4	10.3	11.5	12.9	14.3	15.7	17.0	17.9	19.0
15°	8.9	8.9	9.4	10.4	11.6	13.0	14.5	15.9	17.1	18.1	19.1
13.75°	8.9	8.9	9.5	10.5	11.7	13.2	14.6	16.0	17.2	18.2	19.3
12.5°	8.9	8.9	9.6	10.6	11.8	13.3	14.7	16.1	17.3	18.3	19.5
11.25°	8.9	8.9	9.6	10.6	12.0	13.4	14.9	16.3	17.4	18.4	19.7
10°	8.9	8.9	9.7	10.7	12.0	13.5	15.0	16.4	17.5	18.5	19.8
8.75°	8.9	8.9	9.7	10.7	12.1	13.6	15.0	16.5	17.6	18.6	19.9
7.5°	8.9	8.9	9.8	10.8	12.2	13.7	15.1	16.6	17.6	18.6	20.0
6.25°	8.9	8.9	9.8	10.8	12.3	13.8	15.2	16.6	17.7	18.7	20.1
5°	8.9	8.9	9.8	10.8	12.3	13.8	15.3	16.7	17.7	18.7	20.2
3.75°	8.9	8.9	9.9	10.9	12.4	13.8	15.3	16.7	17.8	18.8	20.2
2.5°	8.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8	18.8	20.3
1.25°	8.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8	18.8	20.3
0°	8.9	8.9	9.9	10.9	12.4	13.9	15.4	16.8	17.8	18.8	20.3
-1.25°	8.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8	18.8	20.3
-2.5°	8.9	8.9	9.9	10.9	12.4	13.9	15.3	16.8	17.8	18.8	20.3
-3.75°	8.9	8.9	9.9	10.9	12.4	13.8	15.3	16.7	17.8	18.8	20.2
-5°	8.9	8.9	9.8	10.8	12.3	13.8	15.3	16.7	17.7	18.7	20.2
-6.25°	8.9	8.9	9.8	10.8	12.3	13.8	15.2	16.6	17.7	18.7	20.1
-7.5°	8.9	8.9	9.8	10.8	12.2	13.7	15.1	16.6	17.6	18.6	20.0
-8.75°	8.9	8.9	9.7	10.7	12.1	13.6	15.0	16.5	17.6	18.6	19.9
-10°	8.9	8.9	9.7	10.7	12.0	13.5	15.0	16.4	17.5	18.5	19.8
-11.25°	8.9	8.9	9.6	10.6	12.0	13.4	14.9	16.3	17.4	18.4	19.7
-12.5°	8.9	8.9	9.6	10.6	11.8	13.3	14.7	16.1	17.3	18.3	19.5
-13.75°	8.9	8.9	9.5	10.5	11.7	13.2	14.6	16.0	17.2	18.2	19.3
-15°	8.9	8.9	9.4	10.4	11.6	13.0	14.5	15.9	17.1	18.1	19.1
-16.25°	8.9	8.9	9.4	10.3	11.5	12.9	14.3	15.7	17.0	17.9	19.0
-17.5°	8.9	8.9	9.3	10.2	11.3	12.7	14.2	15.5	16.9	17.8	18.8
-18.75°	8.9	8.9	9.2	10.1	11.2	12.6	14.0	15.3	16.7	17.7	18.6
-20°	8.9	8.9	9.1	10.0	11.0	12.4	13.8	15.1	16.5	17.5	18.4
-21.25°	8.9	8.9	9.0	9.9	10.8	12.2	13.6	14.9	16.3	17.4	18.3



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	8.9	8.9	8.9	9.8	10.7	12.0	13.4	14.7	16.0	17.2	18.1
-23.75°	8.9	8.9	8.9	9.7	10.6	11.8	13.1	14.5	15.8	17.0	17.9
-25°	8.9	8.9	8.9	9.6	10.4	11.6	12.9	14.2	15.5	16.8	17.7
-26.25°	8.7	8.9	8.9	9.4	10.3	11.3	12.7	14.0	15.3	16.5	17.5
-27.5°	8.6	8.9	8.9	9.3	10.2	11.1	12.4	13.7	15.0	16.2	17.3
-28.75°	8.5	8.9	8.9	9.1	10.0	10.9	12.1	13.4	14.7	15.9	17.1
-30°	8.4	8.9	8.9	9.0	9.8	10.7	11.9	13.1	14.4	15.6	16.8
-31.25°	8.3	8.9	8.9	8.9	9.7	10.5	11.6	12.8	14.1	15.3	16.5
-32.5°	8.2	8.9	8.9	8.9	9.5	10.3	11.3	12.5	13.7	14.9	16.1
-33.75°	8.0	8.8	8.9	8.9	9.3	10.1	10.9	12.2	13.4	14.6	15.7
-35°	7.9	8.7	8.9	8.9	9.1	9.9	10.7	11.8	13.0	14.2	15.3
-36.25°	7.7	8.5	8.9	8.9	8.9	9.7	10.5	11.5	12.6	13.8	14.9
-37.5°	7.6	8.4	8.9	8.9	8.9	9.5	10.3	11.1	12.3	13.4	14.5
-38.75°	7.4	8.2	8.9	8.9	8.9	9.3	10.0	10.8	11.9	13.0	14.1
-40°	7.3	8.0	8.8	8.9	8.9	9.1	9.8	10.5	11.5	12.6	13.7
-41.25°	7.1	7.9	8.6	8.9	8.9	8.9	9.6	10.3	11.1	12.1	13.2
-42.5°	7.0	7.7	8.4	8.9	8.9	8.9	9.3	10.0	10.7	11.7	12.7
-43.75°	6.9	7.5	8.2	8.9	8.9	8.9	9.0	9.7	10.4	11.2	12.3
-45°	6.8	7.3	8.0	8.7	8.9	8.9	8.9	9.5	10.1	10.8	11.8
-46.25°	6.7	7.1	7.8	8.5	8.9	8.9	8.9	9.2	9.8	10.5	11.3
-47.5°	6.6	7.0	7.6	8.3	8.9	8.9	8.9	8.9	9.5	10.2	10.8
-48.75°	6.5	6.8	7.4	8.0	8.7	8.9	8.9	8.9	9.2	9.8	10.5
-50°	6.4	6.7	7.2	7.8	8.4	8.9	8.9	8.9	8.9	9.5	10.1
-51.25°	6.3	6.6	7.0	7.6	8.2	8.8	8.9	8.9	8.9	9.2	9.8
-52.5°	6.2	6.5	6.8	7.3	7.9	8.5	8.9	8.9	8.9	8.9	9.4
-53.75°	6.1	6.4	6.7	7.1	7.7	8.2	8.8	8.9	8.9	8.9	9.0
-55°	6.0	6.3	6.6	6.9	7.4	8.0	8.5	8.9	8.9	8.9	8.9
-56.25°	5.9	6.2	6.5	6.7	7.1	7.7	8.2	8.7	8.9	8.9	8.9
-57.5°	5.8	6.1	6.4	6.6	6.9	7.4	7.9	8.4	8.9	8.9	8.9
-58.75°	5.6	6.0	6.2	6.5	6.7	7.1	7.6	8.1	8.5	8.9	8.9
-60°	5.4	5.9	6.1	6.4	6.6	6.8	7.3	7.7	8.2	8.7	8.9
-61.25°	5.2	5.6	6.0	6.2	6.5	6.7	6.9	7.4	7.8	8.3	8.7
-62.5°	5.0	5.4	5.8	6.1	6.3	6.5	6.8	7.0	7.5	7.9	8.3
-63.75°	4.8	5.2	5.6	6.0	6.2	6.4	6.6	6.8	7.1	7.5	7.9
-65°	4.6	5.0	5.4	5.7	6.0	6.2	6.4	6.6	6.8	7.1	7.5
-66.25°	4.4	4.7	5.1	5.5	5.9	6.1	6.3	6.4	6.6	6.8	7.1
-67.5°	4.2	4.5	4.9	5.2	5.6	5.9	6.1	6.3	6.4	6.6	6.8
-68.75°	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.1	6.3	6.4	6.6
-70°	3.7	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.2	6.4
-71.25°	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.0	6.2
-72.5°	3.3	3.6	3.9	4.1	4.4	4.7	5.0	5.2	5.5	5.7	6.0
-73.75°	3.1	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.1	5.4	5.6
-75°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	5.0	5.2
-76.25°	2.6	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8
-77.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
-80°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.4	3.5
-81.25°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1
-82.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
-83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-88.75°	0.2	0.3	0.3	0.3	0.3	0.3	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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
85°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
83.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
82.5°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9
81.25°	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.4	4.5
80°	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.1
78.75°	4.1	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7
77.5°	4.6	4.7	4.9	5.1	5.3	5.4	5.6	5.8	5.9	6.0	6.1
76.25°	5.0	5.2	5.4	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.4
75°	5.4	5.6	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7
73.75°	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.8	7.0	7.2
72.5°	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.1	7.3	7.6	7.8
71.25°	6.3	6.5	6.6	6.7	6.9	7.1	7.4	7.7	7.9	8.2	8.4
70°	6.5	6.7	6.8	7.1	7.4	7.7	8.0	8.2	8.5	8.8	8.9
68.75°	6.8	6.9	7.3	7.6	7.9	8.2	8.5	8.8	8.9	8.9	8.9
67.5°	7.0	7.4	7.7	8.1	8.4	8.7	8.9	8.9	8.9	8.9	8.9
66.25°	7.5	7.8	8.2	8.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9
65°	7.9	8.3	8.7	8.9	8.9	8.9	8.9	8.9	8.9	9.2	9.5
63.75°	8.3	8.7	8.9	8.9	8.9	8.9	8.9	9.0	9.4	9.8	10.1
62.5°	8.7	8.9	8.9	8.9	8.9	8.9	9.2	9.6	10.0	10.3	10.7
61.25°	8.9	8.9	8.9	8.9	8.9	9.3	9.7	10.1	10.5	10.9	11.5
60°	8.9	8.9	8.9	8.9	9.4	9.8	10.2	10.7	11.2	11.8	12.4
58.75°	8.9	8.9	8.9	9.4	9.8	10.3	10.7	11.3	12.0	12.6	13.3
57.5°	8.9	8.9	9.4	9.8	10.3	10.8	11.4	12.1	12.8	13.5	14.1
56.25°	8.9	9.3	9.8	10.3	10.8	11.5	12.2	12.9	13.6	14.3	15.0
55°	9.2	9.7	10.2	10.7	11.4	12.2	12.9	13.7	14.4	15.1	15.8
53.75°	9.6	10.1	10.7	11.3	12.1	12.9	13.7	14.4	15.2	15.9	16.6
52.5°	10.0	10.5	11.2	12.0	12.8	13.6	14.4	15.2	15.9	16.7	17.2
51.25°	10.3	10.9	11.8	12.6	13.5	14.3	15.1	15.9	16.7	17.3	17.8
50°	10.7	11.5	12.4	13.3	14.1	15.0	15.8	16.6	17.2	17.8	18.3
48.75°	11.2	12.1	13.0	13.9	14.8	15.6	16.5	17.2	17.7	18.3	18.9
47.5°	11.7	12.7	13.6	14.5	15.4	16.3	17.0	17.6	18.2	18.8	19.7
46.25°	12.2	13.2	14.2	15.1	16.0	16.9	17.5	18.1	18.7	19.6	20.5
45°	12.8	13.8	14.7	15.7	16.6	17.3	17.9	18.6	19.4	20.3	21.2
43.75°	13.3	14.3	15.3	16.2	17.1	17.7	18.4	19.1	20.1	21.1	21.9
42.5°	13.8	14.8	15.8	16.8	17.5	18.1	18.8	19.8	20.8	21.8	22.1
41.25°	14.3	15.3	16.3	17.2	17.9	18.6	19.5	20.5	21.5	22.0	22.4
40°	14.7	15.8	16.8	17.5	18.2	19.0	20.1	21.1	21.9	22.3	22.6
38.75°	15.2	16.3	17.2	17.9	18.6	19.6	20.7	21.8	22.1	22.5	22.8
37.5°	15.6	16.7	17.5	18.2	19.1	20.2	21.3	22.0	22.4	22.7	23.1
36.25°	16.1	17.1	17.8	18.6	19.6	20.7	21.8	22.2	22.6	22.9	23.3
35°	16.5	17.4	18.1	19.0	20.1	21.3	22.0	22.4	22.8	23.1	23.5



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	16.9	17.7	18.5	19.5	20.6	21.8	22.2	22.6	23.0	23.3	23.7
32.5°	17.1	17.9	18.8	19.9	21.1	22.0	22.4	22.8	23.2	23.5	24.1
31.25°	17.4	18.2	19.2	20.4	21.6	22.1	22.5	22.9	23.3	23.7	24.5
30°	17.7	18.5	19.6	20.8	21.9	22.3	22.7	23.1	23.5	24.1	24.9
28.75°	17.9	18.8	20.0	21.3	22.0	22.5	22.9	23.3	23.7	24.4	25.2
27.5°	18.1	19.1	20.4	21.7	22.2	22.6	23.0	23.5	23.9	24.8	25.6
26.25°	18.4	19.5	20.8	21.9	22.3	22.8	23.2	23.6	24.3	25.1	25.9
25°	18.6	19.8	21.1	22.0	22.5	22.9	23.3	23.8	24.6	25.4	26.1
23.75°	18.8	20.1	21.5	22.1	22.6	23.0	23.5	24.0	24.9	25.8	26.2
22.5°	19.1	20.5	21.8	22.3	22.7	23.2	23.6	24.3	25.2	25.9	26.4
21.25°	19.4	20.8	21.9	22.4	22.8	23.3	23.7	24.6	25.5	26.1	26.5
20°	19.7	21.0	22.0	22.5	22.9	23.4	23.9	24.8	25.7	26.2	26.7
18.75°	19.9	21.3	22.1	22.6	23.0	23.5	24.1	25.0	25.9	26.3	26.8
17.5°	20.2	21.6	22.2	22.7	23.1	23.6	24.3	25.3	26.0	26.5	26.9
16.25°	20.4	21.8	22.3	22.7	23.2	23.7	24.5	25.5	26.1	26.6	27.0
15°	20.6	21.9	22.4	22.8	23.3	23.8	24.7	25.7	26.2	26.7	27.2
13.75°	20.8	21.9	22.4	22.9	23.4	23.9	24.9	25.8	26.3	26.8	27.3
12.5°	21.0	22.0	22.5	23.0	23.5	24.1	25.0	25.9	26.4	26.9	27.3
11.25°	21.1	22.1	22.5	23.0	23.5	24.2	25.2	26.0	26.5	26.9	27.4
10°	21.3	22.1	22.6	23.1	23.6	24.3	25.3	26.0	26.5	27.0	27.5
8.75°	21.4	22.2	22.6	23.1	23.6	24.4	25.4	26.1	26.6	27.1	27.6
7.5°	21.5	22.2	22.7	23.2	23.7	24.5	25.5	26.2	26.6	27.1	27.6
6.25°	21.6	22.2	22.7	23.2	23.7	24.6	25.6	26.2	26.7	27.2	27.7
5°	21.7	22.3	22.7	23.2	23.7	24.7	25.7	26.2	26.7	27.2	27.7
3.75°	21.7	22.3	22.8	23.3	23.8	24.7	25.7	26.3	26.8	27.3	27.8
2.5°	21.8	22.3	22.8	23.3	23.8	24.8	25.8	26.3	26.8	27.3	27.8
1.25°	21.8	22.3	22.8	23.3	23.8	24.8	25.8	26.3	26.8	27.3	27.8
0°	21.8	22.3	22.8	23.3	23.8	24.8	25.8	26.3	26.8	27.3	27.8
-1.25°	21.8	22.3	22.8	23.3	23.8	24.8	25.8	26.3	26.8	27.3	27.8
-2.5°	21.8	22.3	22.8	23.3	23.8	24.8	25.8	26.3	26.8	27.3	27.8
-3.75°	21.7	22.3	22.8	23.3	23.8	24.7	25.7	26.3	26.8	27.3	27.8
-5°	21.7	22.3	22.7	23.2	23.7	24.7	25.7	26.2	26.7	27.2	27.7
-6.25°	21.6	22.2	22.7	23.2	23.7	24.6	25.6	26.2	26.7	27.2	27.7
-7.5°	21.5	22.2	22.7	23.2	23.7	24.5	25.5	26.2	26.6	27.1	27.6
-8.75°	21.4	22.2	22.6	23.1	23.6	24.4	25.4	26.1	26.6	27.1	27.6
-10°	21.3	22.1	22.6	23.1	23.6	24.3	25.3	26.0	26.5	27.0	27.5
-11.25°	21.1	22.1	22.5	23.0	23.5	24.2	25.2	26.0	26.5	26.9	27.4
-12.5°	21.0	22.0	22.5	23.0	23.5	24.1	25.0	25.9	26.4	26.9	27.3
-13.75°	20.8	21.9	22.4	22.9	23.4	23.9	24.9	25.8	26.3	26.8	27.3
-15°	20.6	21.9	22.4	22.8	23.3	23.8	24.7	25.7	26.2	26.7	27.2
-16.25°	20.4	21.8	22.3	22.7	23.2	23.7	24.5	25.5	26.1	26.6	27.0
-17.5°	20.2	21.6	22.2	22.7	23.1	23.6	24.3	25.3	26.0	26.5	26.9
-18.75°	19.9	21.3	22.1	22.6	23.0	23.5	24.1	25.0	25.9	26.3	26.8
-20°	19.7	21.0	22.0	22.5	22.9	23.4	23.9	24.8	25.7	26.2	26.7
-21.25°	19.4	20.8	21.9	22.4	22.8	23.3	23.7	24.6	25.5	26.1	26.5



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	19.1	20.5	21.8	22.3	22.7	23.2	23.6	24.3	25.2	25.9	26.4
-23.75°	18.8	20.1	21.5	22.1	22.6	23.0	23.5	24.0	24.9	25.8	26.2
-25°	18.6	19.8	21.1	22.0	22.5	22.9	23.3	23.8	24.6	25.4	26.1
-26.25°	18.4	19.5	20.8	21.9	22.3	22.8	23.2	23.6	24.3	25.1	25.9
-27.5°	18.1	19.1	20.4	21.7	22.2	22.6	23.0	23.5	23.9	24.8	25.6
-28.75°	17.9	18.8	20.0	21.3	22.0	22.5	22.9	23.3	23.7	24.4	25.2
-30°	17.7	18.5	19.6	20.8	21.9	22.3	22.7	23.1	23.5	24.1	24.9
-31.25°	17.4	18.2	19.2	20.4	21.6	22.1	22.5	22.9	23.3	23.7	24.5
-32.5°	17.1	17.9	18.8	19.9	21.1	22.0	22.4	22.8	23.2	23.5	24.1
-33.75°	16.9	17.7	18.5	19.5	20.6	21.8	22.2	22.6	23.0	23.3	23.7
-35°	16.5	17.4	18.1	19.0	20.1	21.3	22.0	22.4	22.8	23.1	23.5
-36.25°	16.1	17.1	17.8	18.6	19.6	20.7	21.8	22.2	22.6	22.9	23.3
-37.5°	15.6	16.7	17.5	18.2	19.1	20.2	21.3	22.0	22.4	22.7	23.1
-38.75°	15.2	16.3	17.2	17.9	18.6	19.6	20.7	21.8	22.1	22.5	22.8
-40°	14.7	15.8	16.8	17.5	18.2	19.0	20.1	21.1	21.9	22.3	22.6
-41.25°	14.3	15.3	16.3	17.2	17.9	18.6	19.5	20.5	21.5	22.0	22.4
-42.5°	13.8	14.8	15.8	16.8	17.5	18.1	18.8	19.8	20.8	21.8	22.1
-43.75°	13.3	14.3	15.3	16.2	17.1	17.7	18.4	19.1	20.1	21.1	21.9
-45°	12.8	13.8	14.7	15.7	16.6	17.3	17.9	18.6	19.4	20.3	21.2
-46.25°	12.2	13.2	14.2	15.1	16.0	16.9	17.5	18.1	18.7	19.6	20.5
-47.5°	11.7	12.7	13.6	14.5	15.4	16.3	17.0	17.6	18.2	18.8	19.7
-48.75°	11.2	12.1	13.0	13.9	14.8	15.6	16.5	17.2	17.7	18.3	18.9
-50°	10.7	11.5	12.4	13.3	14.1	15.0	15.8	16.6	17.2	17.8	18.3
-51.25°	10.3	10.9	11.8	12.6	13.5	14.3	15.1	15.9	16.7	17.3	17.8
-52.5°	10.0	10.5	11.2	12.0	12.8	13.6	14.4	15.2	15.9	16.7	17.2
-53.75°	9.6	10.1	10.7	11.3	12.1	12.9	13.7	14.4	15.2	15.9	16.6
-55°	9.2	9.7	10.2	10.7	11.4	12.2	12.9	13.7	14.4	15.1	15.8
-56.25°	8.9	9.3	9.8	10.3	10.8	11.5	12.2	12.9	13.6	14.3	15.0
-57.5°	8.9	8.9	9.4	9.8	10.3	10.8	11.4	12.1	12.8	13.5	14.1
-58.75°	8.9	8.9	8.9	9.4	9.8	10.3	10.7	11.3	12.0	12.6	13.3
-60°	8.9	8.9	8.9	8.9	9.4	9.8	10.2	10.7	11.2	11.8	12.4
-61.25°	8.9	8.9	8.9	8.9	8.9	9.3	9.7	10.1	10.5	10.9	11.5
-62.5°	8.7	8.9	8.9	8.9	8.9	8.9	9.2	9.6	10.0	10.3	10.7
-63.75°	8.3	8.7	8.9	8.9	8.9	8.9	8.9	9.0	9.4	9.8	10.1
-65°	7.9	8.3	8.7	8.9	8.9	8.9	8.9	8.9	8.9	9.2	9.5
-66.25°	7.5	7.8	8.2	8.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-67.5°	7.0	7.4	7.7	8.1	8.4	8.7	8.9	8.9	8.9	8.9	8.9
-68.75°	6.8	6.9	7.3	7.6	7.9	8.2	8.5	8.8	8.9	8.9	8.9
-70°	6.5	6.7	6.8	7.1	7.4	7.7	8.0	8.2	8.5	8.8	8.9
-71.25°	6.3	6.5	6.6	6.7	6.9	7.1	7.4	7.7	7.9	8.2	8.4
-72.5°	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.1	7.3	7.6	7.8
-73.75°	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.8	7.0	7.2
-75°	5.4	5.6	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7
-76.25°	5.0	5.2	5.4	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.4
-77.5°	4.6	4.7	4.9	5.1	5.3	5.4	5.6	5.8	5.9	6.0	6.1



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	4.1	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7
-80°	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.1
-81.25°	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.4	4.5
-82.5°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9
-83.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
-85°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
-86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
86.25°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
85°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
83.75°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0
82.5°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.7	4.8
81.25°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
80°	5.2	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1
78.75°	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.5	6.5
77.5°	6.2	6.3	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9
76.25°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.3	7.4	7.6	7.7
75°	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.5
73.75°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	8.9	8.9
72.5°	8.0	8.3	8.5	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9
71.25°	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.1	9.3	9.5	9.7
68.75°	8.9	8.9	8.9	8.9	9.0	9.3	9.6	9.8	10.0	10.3	10.5
67.5°	8.9	8.9	9.2	9.5	9.7	10.0	10.3	10.5	10.8	11.1	11.5
66.25°	9.2	9.5	9.8	10.1	10.4	10.7	11.1	11.5	11.9	12.3	12.6
65°	9.8	10.2	10.5	10.8	11.2	11.7	12.1	12.6	13.0	13.4	13.8
63.75°	10.5	10.8	11.3	11.8	12.3	12.7	13.2	13.7	14.1	14.5	14.9
62.5°	11.2	11.7	12.2	12.8	13.3	13.8	14.3	14.7	15.2	15.6	16.1
61.25°	12.1	12.7	13.2	13.8	14.3	14.8	15.3	15.8	16.3	16.7	17.1
60°	13.0	13.6	14.2	14.7	15.3	15.8	16.3	16.8	17.2	17.5	17.8
58.75°	13.9	14.5	15.1	15.7	16.2	16.8	17.2	17.5	17.9	18.2	18.6
57.5°	14.8	15.4	16.0	16.6	17.1	17.5	17.9	18.2	18.6	19.1	19.6
56.25°	15.6	16.3	16.9	17.3	17.7	18.1	18.6	19.0	19.6	20.2	20.7
55°	16.5	17.0	17.5	17.9	18.4	18.8	19.5	20.1	20.7	21.3	21.8
53.75°	17.2	17.6	18.1	18.6	19.1	19.8	20.5	21.1	21.8	22.0	22.2
52.5°	17.7	18.2	18.7	19.4	20.1	20.8	21.5	21.9	22.1	22.4	22.6
51.25°	18.3	18.8	19.6	20.3	21.1	21.8	22.0	22.3	22.5	22.7	22.9
50°	18.9	19.7	20.5	21.2	21.9	22.1	22.4	22.6	22.8	23.1	23.3
48.75°	19.7	20.5	21.4	21.9	22.2	22.4	22.7	22.9	23.2	23.4	23.6
47.5°	20.5	21.4	21.9	22.2	22.5	22.7	23.0	23.3	23.5	23.8	24.2
46.25°	21.4	21.9	22.2	22.5	22.8	23.1	23.3	23.6	23.9	24.4	24.9
45°	21.9	22.2	22.5	22.8	23.1	23.4	23.6	24.0	24.6	25.1	25.6
43.75°	22.2	22.5	22.8	23.1	23.4	23.7	24.1	24.7	25.2	25.8	26.1
42.5°	22.4	22.7	23.1	23.4	23.7	24.1	24.7	25.3	25.8	26.1	26.4
41.25°	22.7	23.0	23.3	23.6	24.1	24.7	25.3	25.9	26.2	26.4	26.7
40°	22.9	23.3	23.6	24.0	24.7	25.3	25.9	26.2	26.5	26.8	27.1
38.75°	23.2	23.5	23.9	24.6	25.2	25.8	26.2	26.5	26.8	27.1	27.4
37.5°	23.4	23.8	24.4	25.1	25.8	26.1	26.4	26.8	27.1	27.4	27.7
36.25°	23.6	24.2	24.9	25.6	26.1	26.4	26.7	27.1	27.4	27.7	27.8
35°	24.0	24.7	25.4	26.0	26.3	26.7	27.0	27.3	27.7	27.8	27.8



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	24.4	25.1	25.8	26.2	26.6	26.9	27.3	27.6	27.8	27.8	27.8
32.5°	24.8	25.6	26.1	26.4	26.8	27.2	27.5	27.8	27.8	27.8	27.7
31.25°	25.2	25.9	26.3	26.7	27.1	27.4	27.8	27.8	27.8	27.7	27.4
30°	25.7	26.1	26.5	26.9	27.3	27.7	27.8	27.8	27.8	27.4	27.1
28.75°	25.9	26.3	26.7	27.1	27.5	27.8	27.8	27.8	27.5	27.2	26.8
27.5°	26.1	26.5	26.9	27.3	27.7	27.8	27.8	27.7	27.3	26.9	26.8
26.25°	26.3	26.7	27.1	27.5	27.8	27.8	27.8	27.4	27.0	26.8	26.8
25°	26.5	26.9	27.3	27.7	27.8	27.8	27.6	27.2	26.8	26.8	26.8
23.75°	26.6	27.1	27.5	27.8	27.8	27.8	27.4	27.0	26.8	26.8	26.8
22.5°	26.8	27.2	27.7	27.8	27.8	27.6	27.2	26.8	26.8	26.8	27.1
21.25°	27.0	27.4	27.8	27.8	27.8	27.4	27.0	26.8	26.8	26.9	27.3
20°	27.1	27.6	27.8	27.8	27.7	27.3	26.8	26.8	26.8	27.1	27.5
18.75°	27.3	27.7	27.8	27.8	27.5	27.1	26.8	26.8	26.8	27.3	27.7
17.5°	27.4	27.8	27.8	27.8	27.4	26.9	26.8	26.8	27.0	27.5	27.9
16.25°	27.5	27.8	27.8	27.7	27.2	26.8	26.8	26.8	27.2	27.6	28.1
15°	27.6	27.8	27.8	27.6	27.1	26.8	26.8	26.9	27.4	27.8	28.2
13.75°	27.7	27.8	27.8	27.4	27.0	26.8	26.8	27.0	27.5	27.9	28.4
12.5°	27.8	27.8	27.8	27.3	26.9	26.8	26.8	27.2	27.6	28.1	28.5
11.25°	27.8	27.8	27.7	27.2	26.8	26.8	26.8	27.3	27.8	28.2	28.6
10°	27.8	27.8	27.6	27.1	26.8	26.8	26.9	27.4	27.9	28.3	28.8
8.75°	27.8	27.8	27.6	27.1	26.8	26.8	27.0	27.5	28.0	28.4	29.1
7.5°	27.8	27.8	27.5	27.0	26.8	26.8	27.1	27.6	28.0	28.5	29.4
6.25°	27.8	27.8	27.4	26.9	26.8	26.8	27.1	27.6	28.1	28.5	29.6
5°	27.8	27.8	27.4	26.9	26.8	26.8	27.2	27.7	28.2	28.6	29.8
3.75°	27.8	27.8	27.3	26.8	26.8	26.8	27.2	27.7	28.2	28.6	30.0
2.5°	27.8	27.8	27.3	26.8	26.8	26.8	27.3	27.8	28.2	28.7	30.1
1.25°	27.8	27.8	27.3	26.8	26.8	26.8	27.3	27.8	28.2	28.7	30.2
0°	27.8	27.8	27.3	26.8	26.8	26.8	27.3	27.8	28.3	28.7	30.2
-1.25°	27.8	27.8	27.3	26.8	26.8	26.8	27.3	27.8	28.2	28.7	30.2
-2.5°	27.8	27.8	27.3	26.8	26.8	26.8	27.3	27.8	28.2	28.7	30.1
-3.75°	27.8	27.8	27.3	26.8	26.8	26.8	27.2	27.7	28.2	28.6	30.0
-5°	27.8	27.8	27.4	26.9	26.8	26.8	27.2	27.7	28.2	28.6	29.8
-6.25°	27.8	27.8	27.4	26.9	26.8	26.8	27.1	27.6	28.1	28.5	29.6
-7.5°	27.8	27.8	27.5	27.0	26.8	26.8	27.1	27.6	28.0	28.5	29.4
-8.75°	27.8	27.8	27.6	27.1	26.8	26.8	27.0	27.5	28.0	28.4	29.1
-10°	27.8	27.8	27.6	27.1	26.8	26.8	26.9	27.4	27.9	28.3	28.8
-11.25°	27.8	27.8	27.7	27.2	26.8	26.8	26.8	27.3	27.8	28.2	28.6
-12.5°	27.8	27.8	27.8	27.3	26.9	26.8	26.8	27.2	27.6	28.1	28.5
-13.75°	27.7	27.8	27.8	27.4	27.0	26.8	26.8	27.0	27.5	27.9	28.4
-15°	27.6	27.8	27.8	27.6	27.1	26.8	26.8	26.9	27.4	27.8	28.2
-16.25°	27.5	27.8	27.8	27.7	27.2	26.8	26.8	26.8	27.2	27.6	28.1
-17.5°	27.4	27.8	27.8	27.8	27.4	26.9	26.8	26.8	27.0	27.5	27.9
-18.75°	27.3	27.7	27.8	27.8	27.5	27.1	26.8	26.8	26.8	27.3	27.7
-20°	27.1	27.6	27.8	27.8	27.7	27.3	26.8	26.8	26.8	27.1	27.5
-21.25°	27.0	27.4	27.8	27.8	27.8	27.4	27.0	26.8	26.8	26.9	27.3



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	26.8	27.2	27.7	27.8	27.8	27.6	27.2	26.8	26.8	26.8	27.1
-23.75°	26.6	27.1	27.5	27.8	27.8	27.8	27.4	27.0	26.8	26.8	26.8
-25°	26.5	26.9	27.3	27.7	27.8	27.8	27.6	27.2	26.8	26.8	26.8
-26.25°	26.3	26.7	27.1	27.5	27.8	27.8	27.8	27.4	27.0	26.8	26.8
-27.5°	26.1	26.5	26.9	27.3	27.7	27.8	27.8	27.7	27.3	26.9	26.8
-28.75°	25.9	26.3	26.7	27.1	27.5	27.8	27.8	27.8	27.5	27.2	26.8
-30°	25.7	26.1	26.5	26.9	27.3	27.7	27.8	27.8	27.8	27.4	27.1
-31.25°	25.2	25.9	26.3	26.7	27.1	27.4	27.8	27.8	27.8	27.7	27.4
-32.5°	24.8	25.6	26.1	26.4	26.8	27.2	27.5	27.8	27.8	27.8	27.7
-33.75°	24.4	25.1	25.8	26.2	26.6	26.9	27.3	27.6	27.8	27.8	27.8
-35°	24.0	24.7	25.4	26.0	26.3	26.7	27.0	27.3	27.7	27.8	27.8
-36.25°	23.6	24.2	24.9	25.6	26.1	26.4	26.7	27.1	27.4	27.7	27.8
-37.5°	23.4	23.8	24.4	25.1	25.8	26.1	26.4	26.8	27.1	27.4	27.7
-38.75°	23.2	23.5	23.9	24.6	25.2	25.8	26.2	26.5	26.8	27.1	27.4
-40°	22.9	23.3	23.6	24.0	24.7	25.3	25.9	26.2	26.5	26.8	27.1
-41.25°	22.7	23.0	23.3	23.6	24.1	24.7	25.3	25.9	26.2	26.4	26.7
-42.5°	22.4	22.7	23.1	23.4	23.7	24.1	24.7	25.3	25.8	26.1	26.4
-43.75°	22.2	22.5	22.8	23.1	23.4	23.7	24.1	24.7	25.2	25.8	26.1
-45°	21.9	22.2	22.5	22.8	23.1	23.4	23.6	24.0	24.6	25.1	25.6
-46.25°	21.4	21.9	22.2	22.5	22.8	23.1	23.3	23.6	23.9	24.4	24.9
-47.5°	20.5	21.4	21.9	22.2	22.5	22.7	23.0	23.3	23.5	23.8	24.2
-48.75°	19.7	20.5	21.4	21.9	22.2	22.4	22.7	22.9	23.2	23.4	23.6
-50°	18.9	19.7	20.5	21.2	21.9	22.1	22.4	22.6	22.8	23.1	23.3
-51.25°	18.3	18.8	19.6	20.3	21.1	21.8	22.0	22.3	22.5	22.7	22.9
-52.5°	17.7	18.2	18.7	19.4	20.1	20.8	21.5	21.9	22.1	22.4	22.6
-53.75°	17.2	17.6	18.1	18.6	19.1	19.8	20.5	21.1	21.8	22.0	22.2
-55°	16.5	17.0	17.5	17.9	18.4	18.8	19.5	20.1	20.7	21.3	21.8
-56.25°	15.6	16.3	16.9	17.3	17.7	18.1	18.6	19.0	19.6	20.2	20.7
-57.5°	14.8	15.4	16.0	16.6	17.1	17.5	17.9	18.2	18.6	19.1	19.6
-58.75°	13.9	14.5	15.1	15.7	16.2	16.8	17.2	17.5	17.9	18.2	18.6
-60°	13.0	13.6	14.2	14.7	15.3	15.8	16.3	16.8	17.2	17.5	17.8
-61.25°	12.1	12.7	13.2	13.8	14.3	14.8	15.3	15.8	16.3	16.7	17.1
-62.5°	11.2	11.7	12.2	12.8	13.3	13.8	14.3	14.7	15.2	15.6	16.1
-63.75°	10.5	10.8	11.3	11.8	12.3	12.7	13.2	13.7	14.1	14.5	14.9
-65°	9.8	10.2	10.5	10.8	11.2	11.7	12.1	12.6	13.0	13.4	13.8
-66.25°	9.2	9.5	9.8	10.1	10.4	10.7	11.1	11.5	11.9	12.3	12.6
-67.5°	8.9	8.9	9.2	9.5	9.7	10.0	10.3	10.5	10.8	11.1	11.5
-68.75°	8.9	8.9	8.9	8.9	9.0	9.3	9.6	9.8	10.0	10.3	10.5
-70°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.1	9.3	9.5	9.7
-71.25°	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-72.5°	8.0	8.3	8.5	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-73.75°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	8.9	8.9
-75°	6.8	7.0	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.5
-76.25°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.3	7.4	7.6	7.7
-77.5°	6.2	6.3	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.5	6.5
-80°	5.2	5.3	5.4	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.1
-81.25°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
-82.5°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.7	4.8
-83.75°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0
-85°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
-86.25°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
86.25°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
85°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
83.75°	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6
82.5°	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
81.25°	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
80°	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6
78.75°	6.6	6.6	6.7	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2
77.5°	7.1	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.0	8.1
76.25°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.9	8.9	8.9
75°	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
73.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
72.5°	8.9	8.9	8.9	8.9	9.0	9.1	9.3	9.4	9.6	9.7	9.8
71.25°	9.1	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.4	10.6	10.7
70°	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.6	11.8	12.0
68.75°	10.7	10.9	11.3	11.6	11.9	12.1	12.4	12.7	12.9	13.1	13.4
67.5°	11.8	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.2	14.5	14.7
66.25°	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.5	15.8	16.0
65°	14.2	14.6	14.9	15.3	15.6	15.9	16.2	16.5	16.8	17.0	17.2
63.75°	15.3	15.7	16.1	16.5	16.8	17.1	17.3	17.5	17.7	17.9	18.1
62.5°	16.5	16.9	17.1	17.4	17.7	17.9	18.1	18.4	18.6	18.8	19.1
61.25°	17.4	17.7	17.9	18.2	18.5	18.8	19.1	19.5	19.8	20.1	20.5
60°	18.1	18.5	18.8	19.2	19.6	20.0	20.4	20.8	21.1	21.5	21.8
58.75°	19.0	19.5	19.9	20.4	20.8	21.3	21.7	21.9	22.0	22.1	22.3
57.5°	20.1	20.6	21.1	21.6	21.9	22.0	22.2	22.3	22.5	22.6	22.7
56.25°	21.3	21.8	22.0	22.1	22.3	22.5	22.6	22.8	22.9	23.0	23.2
55°	22.0	22.2	22.4	22.5	22.7	22.9	23.0	23.2	23.3	23.5	23.6
53.75°	22.4	22.6	22.8	22.9	23.1	23.3	23.5	23.6	23.8	24.0	24.3
52.5°	22.8	23.0	23.2	23.3	23.5	23.7	23.9	24.3	24.6	24.9	25.2
51.25°	23.1	23.3	23.5	23.7	24.1	24.4	24.8	25.1	25.4	25.8	25.9
50°	23.5	23.7	24.1	24.5	24.9	25.2	25.6	25.9	26.1	26.2	26.4
48.75°	24.0	24.4	24.8	25.2	25.7	25.9	26.1	26.3	26.5	26.6	26.8
47.5°	24.7	25.1	25.6	25.9	26.1	26.3	26.5	26.7	26.9	27.1	27.2
46.25°	25.4	25.8	26.1	26.3	26.5	26.7	26.9	27.1	27.3	27.5	27.7
45°	26.0	26.2	26.4	26.7	26.9	27.1	27.3	27.5	27.7	27.8	27.8
43.75°	26.3	26.6	26.8	27.1	27.3	27.5	27.7	27.8	27.8	27.8	27.8
42.5°	26.7	26.9	27.2	27.4	27.7	27.8	27.8	27.8	27.8	27.8	27.6
41.25°	27.0	27.3	27.5	27.8	27.8	27.8	27.8	27.8	27.6	27.4	27.2
40°	27.3	27.6	27.8	27.8	27.8	27.8	27.7	27.4	27.2	27.0	26.8
38.75°	27.7	27.8	27.8	27.8	27.8	27.5	27.3	27.0	26.8	26.8	26.8
37.5°	27.8	27.8	27.8	27.7	27.4	27.2	26.9	26.8	26.8	26.8	26.8
36.25°	27.8	27.8	27.7	27.4	27.1	26.8	26.8	26.8	26.8	26.8	27.1
35°	27.8	27.6	27.3	27.0	26.8	26.8	26.8	26.8	27.0	27.2	27.5



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	27.6	27.3	27.0	26.8	26.8	26.8	26.8	27.1	27.4	27.6	27.9
32.5°	27.3	27.0	26.8	26.8	26.8	26.9	27.2	27.5	27.7	28.0	28.2
31.25°	27.0	26.8	26.8	26.8	26.9	27.2	27.5	27.8	28.1	28.3	28.6
30°	26.8	26.8	26.8	26.9	27.2	27.6	27.9	28.1	28.4	28.7	29.5
28.75°	26.8	26.8	26.9	27.2	27.6	27.9	28.2	28.5	28.8	29.7	30.6
27.5°	26.8	26.8	27.2	27.5	27.9	28.2	28.5	28.9	29.9	30.8	31.7
26.25°	26.8	27.1	27.5	27.8	28.1	28.5	28.9	30.0	30.9	31.9	32.8
25°	27.0	27.4	27.7	28.1	28.4	28.8	29.9	30.9	32.0	33.0	33.9
23.75°	27.2	27.6	28.0	28.3	28.7	29.7	30.8	31.9	33.0	34.0	37.7
22.5°	27.5	27.9	28.2	28.6	29.5	30.6	31.7	32.8	33.9	37.7	48.2
21.25°	27.7	28.1	28.5	29.1	30.3	31.5	32.6	33.8	36.4	47.6	58.5
20°	27.9	28.3	28.7	29.8	31.1	32.3	33.5	34.6	45.6	57.2	73.2
18.75°	28.1	28.5	29.3	30.6	31.8	33.0	34.3	42.5	54.5	68.0	98.0
17.5°	28.3	28.7	30.0	31.2	32.5	33.8	38.1	50.7	63.1	90.9	121.8
16.25°	28.5	29.3	30.6	31.9	33.2	34.5	45.5	58.4	80.3	112.7	145.5
15°	28.6	29.8	31.2	32.5	33.8	39.3	52.6	66.4	100.1	133.6	170.9
13.75°	29.0	30.3	31.7	33.1	34.4	45.6	59.2	84.3	118.7	154.3	201.5
12.5°	29.4	30.8	32.2	33.6	37.5	51.5	65.3	100.8	136.5	178.3	234.6
11.25°	29.8	31.3	32.7	34.1	42.6	56.8	79.8	116.1	153.6	203.5	267.2
10°	30.2	31.7	33.1	34.5	47.3	61.7	93.0	130.0	171.7	230.2	299.8
8.75°	30.6	32.0	33.5	36.8	51.5	67.2	104.9	143.2	191.4	255.6	329.2
7.5°	30.9	32.3	33.8	40.2	55.1	77.1	115.3	154.8	208.6	278.9	358.6
6.25°	31.1	32.6	34.1	43.2	58.2	85.5	124.1	165.7	226.4	300.0	384.5
5°	31.3	32.8	34.3	45.7	60.8	92.5	131.6	177.3	241.5	317.5	405.9
3.75°	31.5	33.0	34.5	47.6	62.8	98.0	137.7	186.4	253.3	331.2	423.1
2.5°	31.6	33.1	34.6	48.9	64.2	101.9	142.1	192.9	261.8	342.4	435.5
1.25°	31.7	33.2	34.7	49.8	65.1	104.2	144.8	196.9	266.9	349.3	443.0
0°	31.7	33.2	34.7	50.1	65.4	105.0	145.7	198.2	268.6	351.6	445.6
-1.25°	31.7	33.2	34.7	49.8	65.1	104.2	144.8	196.9	266.9	349.3	443.0
-2.5°	31.6	33.1	34.6	48.9	64.2	101.9	142.1	192.9	261.8	342.4	435.5
-3.75°	31.5	33.0	34.5	47.6	62.8	98.0	137.7	186.4	253.3	331.2	423.1
-5°	31.3	32.8	34.3	45.7	60.8	92.5	131.6	177.3	241.5	317.5	405.9
-6.25°	31.1	32.6	34.1	43.2	58.2	85.5	124.1	165.7	226.4	300.0	384.5
-7.5°	30.9	32.3	33.8	40.2	55.1	77.1	115.3	154.8	208.6	278.9	358.6
-8.75°	30.6	32.0	33.5	36.8	51.5	67.2	104.9	143.2	191.4	255.6	329.2
-10°	30.2	31.7	33.1	34.5	47.3	61.7	93.0	130.0	171.7	230.2	299.8
-11.25°	29.8	31.3	32.7	34.1	42.6	56.8	79.8	116.1	153.6	203.5	267.2
-12.5°	29.4	30.8	32.2	33.6	37.5	51.5	65.3	100.8	136.5	178.3	234.6
-13.75°	29.0	30.3	31.7	33.1	34.4	45.6	59.2	84.3	118.7	154.3	201.5
-15°	28.6	29.8	31.2	32.5	33.8	39.3	52.6	66.4	100.1	133.6	170.9
-16.25°	28.5	29.3	30.6	31.9	33.2	34.5	45.5	58.4	80.3	112.7	145.5
-17.5°	28.3	28.7	30.0	31.2	32.5	33.8	38.1	50.7	63.1	90.9	121.8
-18.75°	28.1	28.5	29.3	30.6	31.8	33.0	34.3	42.5	54.5	68.0	98.0
-20°	27.9	28.3	28.7	29.8	31.1	32.3	33.5	34.6	45.6	57.2	73.2
-21.25°	27.7	28.1	28.5	29.1	30.3	31.5	32.6	33.8	36.4	47.6	58.5



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	27.5	27.9	28.2	28.6	29.5	30.6	31.7	32.8	33.9	37.7	48.2
-23.75°	27.2	27.6	28.0	28.3	28.7	29.7	30.8	31.9	33.0	34.0	37.7
-25°	27.0	27.4	27.7	28.1	28.4	28.8	29.9	30.9	32.0	33.0	33.9
-26.25°	26.8	27.1	27.5	27.8	28.1	28.5	28.9	30.0	30.9	31.9	32.8
-27.5°	26.8	26.8	27.2	27.5	27.9	28.2	28.5	28.9	29.9	30.8	31.7
-28.75°	26.8	26.8	26.9	27.2	27.6	27.9	28.2	28.5	28.8	29.7	30.6
-30°	26.8	26.8	26.8	26.9	27.2	27.6	27.9	28.1	28.4	28.7	29.5
-31.25°	27.0	26.8	26.8	26.8	26.9	27.2	27.5	27.8	28.1	28.3	28.6
-32.5°	27.3	27.0	26.8	26.8	26.8	26.9	27.2	27.5	27.7	28.0	28.2
-33.75°	27.6	27.3	27.0	26.8	26.8	26.8	26.8	27.1	27.4	27.6	27.9
-35°	27.8	27.6	27.3	27.0	26.8	26.8	26.8	26.8	27.0	27.2	27.5
-36.25°	27.8	27.8	27.7	27.4	27.1	26.8	26.8	26.8	26.8	26.8	27.1
-37.5°	27.8	27.8	27.8	27.7	27.4	27.2	26.9	26.8	26.8	26.8	26.8
-38.75°	27.7	27.8	27.8	27.8	27.8	27.5	27.3	27.0	26.8	26.8	26.8
-40°	27.3	27.6	27.8	27.8	27.8	27.8	27.7	27.4	27.2	27.0	26.8
-41.25°	27.0	27.3	27.5	27.8	27.8	27.8	27.8	27.8	27.6	27.4	27.2
-42.5°	26.7	26.9	27.2	27.4	27.7	27.8	27.8	27.8	27.8	27.8	27.6
-43.75°	26.3	26.6	26.8	27.1	27.3	27.5	27.7	27.8	27.8	27.8	27.8
-45°	26.0	26.2	26.4	26.7	26.9	27.1	27.3	27.5	27.7	27.8	27.8
-46.25°	25.4	25.8	26.1	26.3	26.5	26.7	26.9	27.1	27.3	27.5	27.7
-47.5°	24.7	25.1	25.6	25.9	26.1	26.3	26.5	26.7	26.9	27.1	27.2
-48.75°	24.0	24.4	24.8	25.2	25.7	25.9	26.1	26.3	26.5	26.6	26.8
-50°	23.5	23.7	24.1	24.5	24.9	25.2	25.6	25.9	26.1	26.2	26.4
-51.25°	23.1	23.3	23.5	23.7	24.1	24.4	24.8	25.1	25.4	25.8	25.9
-52.5°	22.8	23.0	23.2	23.3	23.5	23.7	23.9	24.3	24.6	24.9	25.2
-53.75°	22.4	22.6	22.8	22.9	23.1	23.3	23.5	23.6	23.8	24.0	24.3
-55°	22.0	22.2	22.4	22.5	22.7	22.9	23.0	23.2	23.3	23.5	23.6
-56.25°	21.3	21.8	22.0	22.1	22.3	22.5	22.6	22.8	22.9	23.0	23.2
-57.5°	20.1	20.6	21.1	21.6	21.9	22.0	22.2	22.3	22.5	22.6	22.7
-58.75°	19.0	19.5	19.9	20.4	20.8	21.3	21.7	21.9	22.0	22.1	22.3
-60°	18.1	18.5	18.8	19.2	19.6	20.0	20.4	20.8	21.1	21.5	21.8
-61.25°	17.4	17.7	17.9	18.2	18.5	18.8	19.1	19.5	19.8	20.1	20.5
-62.5°	16.5	16.9	17.1	17.4	17.7	17.9	18.1	18.4	18.6	18.8	19.1
-63.75°	15.3	15.7	16.1	16.5	16.8	17.1	17.3	17.5	17.7	17.9	18.1
-65°	14.2	14.6	14.9	15.3	15.6	15.9	16.2	16.5	16.8	17.0	17.2
-66.25°	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.5	15.8	16.0
-67.5°	11.8	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.2	14.5	14.7
-68.75°	10.7	10.9	11.3	11.6	11.9	12.1	12.4	12.7	12.9	13.1	13.4
-70°	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.6	11.8	12.0
-71.25°	9.1	9.3	9.5	9.7	9.8	10.0	10.2	10.3	10.4	10.6	10.7
-72.5°	8.9	8.9	8.9	8.9	9.0	9.1	9.3	9.4	9.6	9.7	9.8
-73.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-75°	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-76.25°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.9	8.9	8.9
-77.5°	7.1	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.0	8.1



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	6.6	6.6	6.7	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2
-80°	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6
-81.25°	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
-82.5°	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
-83.75°	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6
-85°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
-86.25°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-88.75°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
86.25°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
85°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
83.75°	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9
82.5°	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.8
81.25°	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.4
80°	6.6	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.9
78.75°	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8
77.5°	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8
76.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
73.75°	9.0	9.1	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.7	9.7
72.5°	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7	10.7
71.25°	10.8	11.0	11.2	11.3	11.5	11.6	11.7	11.8	12.0	12.0	12.1
70°	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.4	13.5	13.6
68.75°	13.6	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.9	15.0	15.0
67.5°	14.9	15.1	15.3	15.5	15.7	15.9	16.0	16.1	16.3	16.4	16.5
66.25°	16.3	16.5	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.6
65°	17.4	17.5	17.7	17.8	17.9	18.1	18.2	18.3	18.4	18.5	18.6
63.75°	18.3	18.4	18.6	18.8	19.0	19.1	19.3	19.5	19.7	19.8	19.9
62.5°	19.4	19.7	19.9	20.2	20.4	20.6	20.8	21.0	21.1	21.3	21.4
61.25°	20.8	21.0	21.3	21.6	21.8	21.9	21.9	22.0	22.1	22.1	22.2
60°	21.9	22.0	22.1	22.2	22.3	22.4	22.4	22.5	22.5	22.6	22.6
58.75°	22.4	22.5	22.6	22.7	22.7	22.8	22.9	23.0	23.0	23.1	23.1
57.5°	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.5	23.6	23.6
56.25°	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.1	24.2	24.3	24.4
55°	23.7	23.9	24.1	24.3	24.5	24.7	24.9	25.0	25.2	25.3	25.4
53.75°	24.6	24.8	25.0	25.3	25.5	25.7	25.8	25.9	26.0	26.0	26.1
52.5°	25.5	25.7	25.9	26.0	26.1	26.2	26.3	26.4	26.5	26.5	26.6
51.25°	26.1	26.2	26.3	26.5	26.6	26.7	26.8	26.9	26.9	27.0	27.1
50°	26.5	26.7	26.8	26.9	27.0	27.2	27.3	27.3	27.4	27.5	27.6
48.75°	27.0	27.1	27.3	27.4	27.5	27.6	27.7	27.8	27.8	27.8	27.8
47.5°	27.4	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
46.25°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7	27.6	27.6
45°	27.8	27.8	27.8	27.8	27.7	27.6	27.4	27.3	27.2	27.1	27.1
43.75°	27.8	27.7	27.5	27.4	27.2	27.1	27.0	26.9	26.8	26.8	26.8
42.5°	27.4	27.3	27.1	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.8
41.25°	27.0	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	27.0
40°	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.2	27.3	27.4	27.5
38.75°	26.8	26.8	26.8	27.0	27.2	27.4	27.5	27.6	27.8	27.9	28.0
37.5°	26.9	27.1	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.3	28.4
36.25°	27.3	27.5	27.7	27.9	28.1	28.2	28.4	28.5	28.6	28.8	29.1
35°	27.7	27.9	28.1	28.3	28.5	28.6	29.0	29.4	29.8	30.2	30.6



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	28.1	28.3	28.5	28.7	29.3	29.8	30.3	30.8	31.3	31.7	32.0
32.5°	28.5	28.7	29.3	30.0	30.6	31.2	31.7	32.2	32.7	33.1	33.5
31.25°	29.1	29.8	30.6	31.2	31.9	32.5	33.1	33.6	34.1	34.5	36.8
30°	30.3	31.1	31.8	32.5	33.2	33.8	34.4	37.5	42.6	47.3	51.5
28.75°	31.5	32.3	33.0	33.8	34.5	39.3	45.6	51.5	56.8	61.7	67.2
27.5°	32.6	33.5	34.3	38.1	45.5	52.6	59.2	65.3	79.8	93.0	104.9
26.25°	33.8	34.6	42.5	50.7	58.4	66.4	84.3	100.8	116.1	130.0	143.2
25°	36.4	45.6	54.5	63.1	80.3	100.1	118.7	136.5	153.6	171.7	191.4
23.75°	47.6	57.2	68.0	90.9	112.7	133.6	154.3	178.3	203.5	230.2	255.6
22.5°	58.5	73.2	98.0	121.8	145.5	170.9	201.5	234.6	267.2	299.8	329.2
21.25°	74.9	101.5	127.2	153.5	185.3	221.3	260.6	300.4	338.8	378.6	414.8
20°	101.5	129.1	157.5	194.1	236.0	280.6	325.9	374.0	420.1	463.2	504.3
18.75°	127.2	157.5	197.0	243.4	293.2	344.8	399.7	452.5	504.0	554.8	597.6
17.5°	153.5	194.1	243.4	297.4	354.8	415.4	474.4	535.5	591.1	639.3	678.1
16.25°	185.3	236.0	293.2	354.8	420.8	485.7	554.7	614.8	666.6	711.0	751.4
15°	221.3	280.6	344.8	415.4	485.7	561.2	626.8	682.8	733.4	780.3	820.8
13.75°	260.6	325.9	399.7	474.4	554.7	626.8	688.3	744.7	796.9	844.6	896.8
12.5°	300.4	374.0	452.5	535.5	614.8	682.8	744.7	802.6	858.8	919.1	977.8
11.25°	338.8	420.1	504.0	591.1	666.6	733.4	796.9	858.8	927.0	994.4	1047.1
10°	378.6	463.2	554.8	639.3	711.0	780.3	844.6	919.1	994.4	1054.5	1105.6
8.75°	414.8	504.3	597.6	678.1	751.4	820.8	896.8	977.8	1047.1	1105.6	1157.7
7.5°	447.3	542.8	634.2	712.1	787.1	860.7	945.3	1025.2	1091.6	1150.5	1200.0
6.25°	475.4	575.3	663.2	741.5	816.7	899.1	988.8	1064.3	1129.5	1187.7	1233.9
5°	500.4	600.1	686.2	766.1	841.9	932.2	1020.7	1094.3	1160.7	1215.3	1261.9
3.75°	520.9	619.7	704.4	785.2	865.7	959.3	1045.4	1118.5	1184.3	1236.6	1282.1
2.5°	535.7	633.8	717.6	798.5	883.0	979.1	1063.2	1135.5	1199.3	1252.0	1296.9
1.25°	544.6	642.3	725.5	806.6	893.5	991.1	1073.1	1145.8	1208.5	1261.5	1304.7
0°	547.6	645.2	728.2	809.3	897.0	995.1	1076.4	1149.3	1211.6	1264.7	1307.1
-1.25°	544.6	642.3	725.5	806.6	893.5	991.1	1073.1	1145.8	1208.5	1261.5	1304.7
-2.5°	535.7	633.8	717.6	798.5	883.0	979.1	1063.2	1135.5	1199.3	1252.0	1296.9
-3.75°	520.9	619.7	704.4	785.2	865.7	959.3	1045.4	1118.5	1184.3	1236.6	1282.1
-5°	500.4	600.1	686.2	766.1	841.9	932.2	1020.7	1094.3	1160.7	1215.3	1261.9
-6.25°	475.4	575.3	663.2	741.5	816.7	899.1	988.8	1064.3	1129.5	1187.7	1233.9
-7.5°	447.3	542.8	634.2	712.1	787.1	860.7	945.3	1025.2	1091.6	1150.5	1200.0
-8.75°	414.8	504.3	597.6	678.1	751.4	820.8	896.8	977.8	1047.1	1105.6	1157.7
-10°	378.6	463.2	554.8	639.3	711.0	780.3	844.6	919.1	994.4	1054.5	1105.6
-11.25°	338.8	420.1	504.0	591.1	666.6	733.4	796.9	858.8	927.0	994.4	1047.1
-12.5°	300.4	374.0	452.5	535.5	614.8	682.8	744.7	802.6	858.8	919.1	977.8
-13.75°	260.6	325.9	399.7	474.4	554.7	626.8	688.3	744.7	796.9	844.6	896.8
-15°	221.3	280.6	344.8	415.4	485.7	561.2	626.8	682.8	733.4	780.3	820.8
-16.25°	185.3	236.0	293.2	354.8	420.8	485.7	554.7	614.8	666.6	711.0	751.4
-17.5°	153.5	194.1	243.4	297.4	354.8	415.4	474.4	535.5	591.1	639.3	678.1
-18.75°	127.2	157.5	197.0	243.4	293.2	344.8	399.7	452.5	504.0	554.8	597.6
-20°	101.5	129.1	157.5	194.1	236.0	280.6	325.9	374.0	420.1	463.2	504.3
-21.25°	74.9	101.5	127.2	153.5	185.3	221.3	260.6	300.4	338.8	378.6	414.8



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	58.5	73.2	98.0	121.8	145.5	170.9	201.5	234.6	267.2	299.8	329.2
-23.75°	47.6	57.2	68.0	90.9	112.7	133.6	154.3	178.3	203.5	230.2	255.6
-25°	36.4	45.6	54.5	63.1	80.3	100.1	118.7	136.5	153.6	171.7	191.4
-26.25°	33.8	34.6	42.5	50.7	58.4	66.4	84.3	100.8	116.1	130.0	143.2
-27.5°	32.6	33.5	34.3	38.1	45.5	52.6	59.2	65.3	79.8	93.0	104.9
-28.75°	31.5	32.3	33.0	33.8	34.5	39.3	45.6	51.5	56.8	61.7	67.2
-30°	30.3	31.1	31.8	32.5	33.2	33.8	34.4	37.5	42.6	47.3	51.5
-31.25°	29.1	29.8	30.6	31.2	31.9	32.5	33.1	33.6	34.1	34.5	36.8
-32.5°	28.5	28.7	29.3	30.0	30.6	31.2	31.7	32.2	32.7	33.1	33.5
-33.75°	28.1	28.3	28.5	28.7	29.3	29.8	30.3	30.8	31.3	31.7	32.0
-35°	27.7	27.9	28.1	28.3	28.5	28.6	29.0	29.4	29.8	30.2	30.6
-36.25°	27.3	27.5	27.7	27.9	28.1	28.2	28.4	28.5	28.6	28.8	29.1
-37.5°	26.9	27.1	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.3	28.4
-38.75°	26.8	26.8	26.8	27.0	27.2	27.4	27.5	27.6	27.8	27.9	28.0
-40°	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.2	27.3	27.4	27.5
-41.25°	27.0	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	27.0
-42.5°	27.4	27.3	27.1	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.8
-43.75°	27.8	27.7	27.5	27.4	27.2	27.1	27.0	26.9	26.8	26.8	26.8
-45°	27.8	27.8	27.8	27.8	27.7	27.6	27.4	27.3	27.2	27.1	27.1
-46.25°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7	27.6	27.6
-47.5°	27.4	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
-48.75°	27.0	27.1	27.3	27.4	27.5	27.6	27.7	27.8	27.8	27.8	27.8
-50°	26.5	26.7	26.8	26.9	27.0	27.2	27.3	27.3	27.4	27.5	27.6
-51.25°	26.1	26.2	26.3	26.5	26.6	26.7	26.8	26.9	26.9	27.0	27.1
-52.5°	25.5	25.7	25.9	26.0	26.1	26.2	26.3	26.4	26.5	26.5	26.6
-53.75°	24.6	24.8	25.0	25.3	25.5	25.7	25.8	25.9	26.0	26.0	26.1
-55°	23.7	23.9	24.1	24.3	24.5	24.7	24.9	25.0	25.2	25.3	25.4
-56.25°	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.1	24.2	24.3	24.4
-57.5°	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.5	23.6	23.6
-58.75°	22.4	22.5	22.6	22.7	22.7	22.8	22.9	23.0	23.0	23.1	23.1
-60°	21.9	22.0	22.1	22.2	22.3	22.4	22.4	22.5	22.5	22.6	22.6
-61.25°	20.8	21.0	21.3	21.6	21.8	21.9	21.9	22.0	22.1	22.1	22.2
-62.5°	19.4	19.7	19.9	20.2	20.4	20.6	20.8	21.0	21.1	21.3	21.4
-63.75°	18.3	18.4	18.6	18.8	19.0	19.1	19.3	19.5	19.7	19.8	19.9
-65°	17.4	17.5	17.7	17.8	17.9	18.1	18.2	18.3	18.4	18.5	18.6
-66.25°	16.3	16.5	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.6
-67.5°	14.9	15.1	15.3	15.5	15.7	15.9	16.0	16.1	16.3	16.4	16.5
-68.75°	13.6	13.8	14.0	14.2	14.3	14.5	14.6	14.7	14.9	15.0	15.0
-70°	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.4	13.5	13.6
-71.25°	10.8	11.0	11.2	11.3	11.5	11.6	11.7	11.8	12.0	12.0	12.1
-72.5°	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.6	10.7	10.7
-73.75°	9.0	9.1	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.7	9.7
-75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-76.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-77.5°	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8
-80°	6.6	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.9
-81.25°	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.4
-82.5°	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.8	5.8
-83.75°	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9
-85°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
-86.25°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-88.75°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
83.75°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
82.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
81.25°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
78.75°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
77.5°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
76.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
73.75°	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8
72.5°	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
71.25°	12.2	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
70°	13.7	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.8	13.8
68.75°	15.1	15.2	15.3	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.3
67.5°	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
66.25°	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7
65°	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.7
63.75°	20.0	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.2
62.5°	21.5	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.7	21.7
61.25°	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
60°	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7
58.75°	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2
57.5°	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
56.25°	24.5	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.7
55°	25.5	25.6	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.7
53.75°	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.2
52.5°	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.7
51.25°	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.2
50°	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
48.75°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
47.5°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
46.25°	27.5	27.4	27.4	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4
45°	27.0	26.9	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9
43.75°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
42.5°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
41.25°	27.1	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.2	27.2
40°	27.6	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.7	27.7
38.75°	28.0	28.1	28.2	28.2	28.2	28.2	28.3	28.2	28.2	28.2	28.2
37.5°	28.5	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.6
36.25°	29.4	29.6	29.8	30.0	30.1	30.2	30.2	30.2	30.1	30.0	29.8
35°	30.9	31.1	31.3	31.5	31.6	31.7	31.7	31.7	31.6	31.5	31.3

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	32.3	32.6	32.8	33.0	33.1	33.2	33.2	33.2	33.1	33.0	32.8
32.5°	33.8	34.1	34.3	34.5	34.6	34.7	34.7	34.7	34.6	34.5	34.3
31.25°	40.2	43.2	45.7	47.6	48.9	49.8	50.1	49.8	48.9	47.6	45.7
30°	55.1	58.2	60.8	62.8	64.2	65.1	65.4	65.1	64.2	62.8	60.8
28.75°	77.1	85.5	92.5	98.0	101.9	104.2	105.0	104.2	101.9	98.0	92.5
27.5°	115.3	124.1	131.6	137.7	142.1	144.8	145.7	144.8	142.1	137.7	131.6
26.25°	154.8	165.7	177.3	186.4	192.9	196.9	198.2	196.9	192.9	186.4	177.3
25°	208.6	226.4	241.5	253.3	261.8	266.9	268.6	266.9	261.8	253.3	241.5
23.75°	278.9	300.0	317.5	331.2	342.4	349.3	351.6	349.3	342.4	331.2	317.5
22.5°	358.6	384.5	405.9	423.1	435.5	443.0	445.6	443.0	435.5	423.1	405.9
21.25°	447.3	475.4	500.4	520.9	535.7	544.6	547.6	544.6	535.7	520.9	500.4
20°	542.8	575.3	600.1	619.7	633.8	642.3	645.2	642.3	633.8	619.7	600.1
18.75°	634.2	663.2	686.2	704.4	717.6	725.5	728.2	725.5	717.6	704.4	686.2
17.5°	712.1	741.5	766.1	785.2	798.5	806.6	809.3	806.6	798.5	785.2	766.1
16.25°	787.1	816.7	841.9	865.7	883.0	893.5	897.0	893.5	883.0	865.7	841.9
15°	860.7	899.1	932.2	959.3	979.1	991.1	995.1	991.1	979.1	959.3	932.2
13.75°	945.3	988.8	1020.7	1045.4	1063.2	1073.1	1076.4	1073.1	1063.2	1045.4	1020.7
12.5°	1025.2	1064.3	1094.3	1118.5	1135.5	1145.8	1149.3	1145.8	1135.5	1118.5	1094.3
11.25°	1091.6	1129.5	1160.7	1184.3	1199.3	1208.5	1211.6	1208.5	1199.3	1184.3	1160.7
10°	1150.5	1187.7	1215.3	1236.6	1252.0	1261.5	1264.7	1261.5	1252.0	1236.6	1215.3
8.75°	1200.0	1233.9	1261.9	1282.1	1296.9	1304.7	1307.1	1304.7	1296.9	1282.1	1261.9
7.5°	1240.0	1273.6	1300.2	1316.9	1329.7	1337.7	1340.5	1337.7	1329.7	1316.9	1300.2
6.25°	1273.6	1304.9	1327.2	1346.3	1358.4	1364.4	1366.5	1364.4	1358.4	1346.3	1327.2
5°	1300.2	1327.2	1352.1	1366.5	1377.2	1384.2	1386.6	1384.2	1377.2	1366.5	1352.1
3.75°	1316.9	1346.3	1366.5	1381.8	1391.5	1396.9	1398.5	1396.9	1391.5	1381.8	1366.5
2.5°	1329.7	1358.4	1377.2	1391.5	1400.2	1406.2	1408.9	1406.2	1400.2	1391.5	1377.2
1.25°	1337.7	1364.4	1384.2	1396.9	1406.2	1414.2	1416.3	1414.2	1406.2	1396.9	1384.2
0°	1340.5	1366.5	1386.6	1398.5	1408.9	1416.3	1423.3	1416.3	1408.9	1398.5	1386.6
-1.25°	1337.7	1364.4	1384.2	1396.9	1406.2	1414.2	1416.3	1414.2	1406.2	1396.9	1384.2
-2.5°	1329.7	1358.4	1377.2	1391.5	1400.2	1406.2	1408.9	1406.2	1400.2	1391.5	1377.2
-3.75°	1316.9	1346.3	1366.5	1381.8	1391.5	1396.9	1398.5	1396.9	1391.5	1381.8	1366.5
-5°	1300.2	1327.2	1352.1	1366.5	1377.2	1384.2	1386.6	1384.2	1377.2	1366.5	1352.1
-6.25°	1273.6	1304.9	1327.2	1346.3	1358.4	1364.4	1366.5	1364.4	1358.4	1346.3	1327.2
-7.5°	1240.0	1273.6	1300.2	1316.9	1329.7	1337.7	1340.5	1337.7	1329.7	1316.9	1300.2
-8.75°	1200.0	1233.9	1261.9	1282.1	1296.9	1304.7	1307.1	1304.7	1296.9	1282.1	1261.9
-10°	1150.5	1187.7	1215.3	1236.6	1252.0	1261.5	1264.7	1261.5	1252.0	1236.6	1215.3
-11.25°	1091.6	1129.5	1160.7	1184.3	1199.3	1208.5	1211.6	1208.5	1199.3	1184.3	1160.7
-12.5°	1025.2	1064.3	1094.3	1118.5	1135.5	1145.8	1149.3	1145.8	1135.5	1118.5	1094.3
-13.75°	945.3	988.8	1020.7	1045.4	1063.2	1073.1	1076.4	1073.1	1063.2	1045.4	1020.7
-15°	860.7	899.1	932.2	959.3	979.1	991.1	995.1	991.1	979.1	959.3	932.2
-16.25°	787.1	816.7	841.9	865.7	883.0	893.5	897.0	893.5	883.0	865.7	841.9
-17.5°	712.1	741.5	766.1	785.2	798.5	806.6	809.3	806.6	798.5	785.2	766.1
-18.75°	634.2	663.2	686.2	704.4	717.6	725.5	728.2	725.5	717.6	704.4	686.2
-20°	542.8	575.3	600.1	619.7	633.8	642.3	645.2	642.3	633.8	619.7	600.1
-21.25°	447.3	475.4	500.4	520.9	535.7	544.6	547.6	544.6	535.7	520.9	500.4



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	358.6	384.5	405.9	423.1	435.5	443.0	445.6	443.0	435.5	423.1	405.9
-23.75°	278.9	300.0	317.5	331.2	342.4	349.3	351.6	349.3	342.4	331.2	317.5
-25°	208.6	226.4	241.5	253.3	261.8	266.9	268.6	266.9	261.8	253.3	241.5
-26.25°	154.8	165.7	177.3	186.4	192.9	196.9	198.2	196.9	192.9	186.4	177.3
-27.5°	115.3	124.1	131.6	137.7	142.1	144.8	145.7	144.8	142.1	137.7	131.6
-28.75°	77.1	85.5	92.5	98.0	101.9	104.2	105.0	104.2	101.9	98.0	92.5
-30°	55.1	58.2	60.8	62.8	64.2	65.1	65.4	65.1	64.2	62.8	60.8
-31.25°	40.2	43.2	45.7	47.6	48.9	49.8	50.1	49.8	48.9	47.6	45.7
-32.5°	33.8	34.1	34.3	34.5	34.6	34.7	34.7	34.7	34.6	34.5	34.3
-33.75°	32.3	32.6	32.8	33.0	33.1	33.2	33.2	33.2	33.1	33.0	32.8
-35°	30.9	31.1	31.3	31.5	31.6	31.7	31.7	31.7	31.6	31.5	31.3
-36.25°	29.4	29.6	29.8	30.0	30.1	30.2	30.2	30.2	30.1	30.0	29.8
-37.5°	28.5	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.6
-38.75°	28.0	28.1	28.2	28.2	28.2	28.2	28.3	28.2	28.2	28.2	28.2
-40°	27.6	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.7	27.7
-41.25°	27.1	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.2	27.2
-42.5°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
-43.75°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
-45°	27.0	26.9	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9
-46.25°	27.5	27.4	27.4	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4
-47.5°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
-48.75°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
-50°	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
-51.25°	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.2
-52.5°	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.7
-53.75°	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.2
-55°	25.5	25.6	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.7
-56.25°	24.5	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.7
-57.5°	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
-58.75°	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.2
-60°	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.7
-61.25°	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
-62.5°	21.5	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.7	21.7
-63.75°	20.0	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.2
-65°	18.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.7
-66.25°	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.7
-67.5°	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.7	16.7
-68.75°	15.1	15.2	15.3	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.3
-70°	13.7	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.8	13.8
-71.25°	12.2	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
-72.5°	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
-73.75°	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.8
-75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-76.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-77.5°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-80°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-81.25°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-82.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
-83.75°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
-85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
86.25°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
85°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
83.75°	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7
82.5°	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6
81.25°	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2
80°	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7
78.75°	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
77.5°	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4
76.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
73.75°	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.4	9.3	9.2
72.5°	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1
71.25°	12.3	12.2	12.1	12.0	12.0	11.8	11.7	11.6	11.5	11.3	11.2
70°	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.0	12.9	12.7	12.6
68.75°	15.2	15.1	15.0	15.0	14.9	14.7	14.6	14.5	14.3	14.2	14.0
67.5°	16.6	16.6	16.5	16.4	16.3	16.1	16.0	15.9	15.7	15.5	15.3
66.25°	17.7	17.6	17.6	17.5	17.4	17.3	17.2	17.1	17.0	16.9	16.7
65°	18.7	18.6	18.6	18.5	18.4	18.3	18.2	18.1	17.9	17.8	17.7
63.75°	20.1	20.0	19.9	19.8	19.7	19.5	19.3	19.1	19.0	18.8	18.6
62.5°	21.6	21.5	21.4	21.3	21.1	21.0	20.8	20.6	20.4	20.2	19.9
61.25°	22.2	22.2	22.2	22.1	22.1	22.0	21.9	21.9	21.8	21.6	21.3
60°	22.7	22.7	22.6	22.6	22.5	22.5	22.4	22.4	22.3	22.2	22.1
58.75°	23.2	23.2	23.1	23.1	23.0	23.0	22.9	22.8	22.7	22.7	22.6
57.5°	23.7	23.7	23.6	23.6	23.5	23.5	23.4	23.3	23.2	23.1	23.0
56.25°	24.6	24.5	24.4	24.3	24.2	24.1	23.9	23.8	23.7	23.6	23.5
55°	25.6	25.5	25.4	25.3	25.2	25.0	24.9	24.7	24.5	24.3	24.1
53.75°	26.2	26.2	26.1	26.0	26.0	25.9	25.8	25.7	25.5	25.3	25.0
52.5°	26.7	26.6	26.6	26.5	26.5	26.4	26.3	26.2	26.1	26.0	25.9
51.25°	27.2	27.1	27.1	27.0	26.9	26.9	26.8	26.7	26.6	26.5	26.3
50°	27.7	27.6	27.6	27.5	27.4	27.3	27.3	27.2	27.0	26.9	26.8
48.75°	27.8	27.8	27.8	27.8	27.8	27.8	27.7	27.6	27.5	27.4	27.3
47.5°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
46.25°	27.4	27.5	27.6	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8
45°	26.9	27.0	27.1	27.1	27.2	27.3	27.4	27.6	27.7	27.8	27.8
43.75°	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.1	27.2	27.4	27.5
42.5°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	27.1
41.25°	27.1	27.1	27.0	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.8
40°	27.6	27.6	27.5	27.4	27.3	27.2	27.0	26.9	26.8	26.8	26.8
38.75°	28.1	28.0	28.0	27.9	27.8	27.6	27.5	27.4	27.2	27.0	26.8
37.5°	28.5	28.5	28.4	28.3	28.2	28.1	27.9	27.8	27.6	27.5	27.3
36.25°	29.6	29.4	29.1	28.8	28.6	28.5	28.4	28.2	28.1	27.9	27.7
35°	31.1	30.9	30.6	30.2	29.8	29.4	29.0	28.6	28.5	28.3	28.1



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	32.6	32.3	32.0	31.7	31.3	30.8	30.3	29.8	29.3	28.7	28.5
32.5°	34.1	33.8	33.5	33.1	32.7	32.2	31.7	31.2	30.6	30.0	29.3
31.25°	43.2	40.2	36.8	34.5	34.1	33.6	33.1	32.5	31.9	31.2	30.6
30°	58.2	55.1	51.5	47.3	42.6	37.5	34.4	33.8	33.2	32.5	31.8
28.75°	85.5	77.1	67.2	61.7	56.8	51.5	45.6	39.3	34.5	33.8	33.0
27.5°	124.1	115.3	104.9	93.0	79.8	65.3	59.2	52.6	45.5	38.1	34.3
26.25°	165.7	154.8	143.2	130.0	116.1	100.8	84.3	66.4	58.4	50.7	42.5
25°	226.4	208.6	191.4	171.7	153.6	136.5	118.7	100.1	80.3	63.1	54.5
23.75°	300.0	278.9	255.6	230.2	203.5	178.3	154.3	133.6	112.7	90.9	68.0
22.5°	384.5	358.6	329.2	299.8	267.2	234.6	201.5	170.9	145.5	121.8	98.0
21.25°	475.4	447.3	414.8	378.6	338.8	300.4	260.6	221.3	185.3	153.5	127.2
20°	575.3	542.8	504.3	463.2	420.1	374.0	325.9	280.6	236.0	194.1	157.5
18.75°	663.2	634.2	597.6	554.8	504.0	452.5	399.7	344.8	293.2	243.4	197.0
17.5°	741.5	712.1	678.1	639.3	591.1	535.5	474.4	415.4	354.8	297.4	243.4
16.25°	816.7	787.1	751.4	711.0	666.6	614.8	554.7	485.7	420.8	354.8	293.2
15°	899.1	860.7	820.8	780.3	733.4	682.8	626.8	561.2	485.7	415.4	344.8
13.75°	988.8	945.3	896.8	844.6	796.9	744.7	688.3	626.8	554.7	474.4	399.7
12.5°	1064.3	1025.2	977.8	919.1	858.8	802.6	744.7	682.8	614.8	535.5	452.5
11.25°	1129.5	1091.6	1047.1	994.4	927.0	858.8	796.9	733.4	666.6	591.1	504.0
10°	1187.7	1150.5	1105.6	1054.5	994.4	919.1	844.6	780.3	711.0	639.3	554.8
8.75°	1233.9	1200.0	1157.7	1105.6	1047.1	977.8	896.8	820.8	751.4	678.1	597.6
7.5°	1273.6	1240.0	1200.0	1150.5	1091.6	1025.2	945.3	860.7	787.1	712.1	634.2
6.25°	1304.9	1273.6	1233.9	1187.7	1129.5	1064.3	988.8	899.1	816.7	741.5	663.2
5°	1327.2	1300.2	1261.9	1215.3	1160.7	1094.3	1020.7	932.2	841.9	766.1	686.2
3.75°	1346.3	1316.9	1282.1	1236.6	1184.3	1118.5	1045.4	959.3	865.7	785.2	704.4
2.5°	1358.4	1329.7	1296.9	1252.0	1199.3	1135.5	1063.2	979.1	883.0	798.5	717.6
1.25°	1364.4	1337.7	1304.7	1261.5	1208.5	1145.8	1073.1	991.1	893.5	806.6	725.5
0°	1366.5	1340.5	1307.1	1264.7	1211.6	1149.3	1076.4	995.1	897.0	809.3	728.2
-1.25°	1364.4	1337.7	1304.7	1261.5	1208.5	1145.8	1073.1	991.1	893.5	806.6	725.5
-2.5°	1358.4	1329.7	1296.9	1252.0	1199.3	1135.5	1063.2	979.1	883.0	798.5	717.6
-3.75°	1346.3	1316.9	1282.1	1236.6	1184.3	1118.5	1045.4	959.3	865.7	785.2	704.4
-5°	1327.2	1300.2	1261.9	1215.3	1160.7	1094.3	1020.7	932.2	841.9	766.1	686.2
-6.25°	1304.9	1273.6	1233.9	1187.7	1129.5	1064.3	988.8	899.1	816.7	741.5	663.2
-7.5°	1273.6	1240.0	1200.0	1150.5	1091.6	1025.2	945.3	860.7	787.1	712.1	634.2
-8.75°	1233.9	1200.0	1157.7	1105.6	1047.1	977.8	896.8	820.8	751.4	678.1	597.6
-10°	1187.7	1150.5	1105.6	1054.5	994.4	919.1	844.6	780.3	711.0	639.3	554.8
-11.25°	1129.5	1091.6	1047.1	994.4	927.0	858.8	796.9	733.4	666.6	591.1	504.0
-12.5°	1064.3	1025.2	977.8	919.1	858.8	802.6	744.7	682.8	614.8	535.5	452.5
-13.75°	988.8	945.3	896.8	844.6	796.9	744.7	688.3	626.8	554.7	474.4	399.7
-15°	899.1	860.7	820.8	780.3	733.4	682.8	626.8	561.2	485.7	415.4	344.8
-16.25°	816.7	787.1	751.4	711.0	666.6	614.8	554.7	485.7	420.8	354.8	293.2
-17.5°	741.5	712.1	678.1	639.3	591.1	535.5	474.4	415.4	354.8	297.4	243.4
-18.75°	663.2	634.2	597.6	554.8	504.0	452.5	399.7	344.8	293.2	243.4	197.0
-20°	575.3	542.8	504.3	463.2	420.1	374.0	325.9	280.6	236.0	194.1	157.5
-21.25°	475.4	447.3	414.8	378.6	338.8	300.4	260.6	221.3	185.3	153.5	127.2



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	384.5	358.6	329.2	299.8	267.2	234.6	201.5	170.9	145.5	121.8	98.0
-23.75°	300.0	278.9	255.6	230.2	203.5	178.3	154.3	133.6	112.7	90.9	68.0
-25°	226.4	208.6	191.4	171.7	153.6	136.5	118.7	100.1	80.3	63.1	54.5
-26.25°	165.7	154.8	143.2	130.0	116.1	100.8	84.3	66.4	58.4	50.7	42.5
-27.5°	124.1	115.3	104.9	93.0	79.8	65.3	59.2	52.6	45.5	38.1	34.3
-28.75°	85.5	77.1	67.2	61.7	56.8	51.5	45.6	39.3	34.5	33.8	33.0
-30°	58.2	55.1	51.5	47.3	42.6	37.5	34.4	33.8	33.2	32.5	31.8
-31.25°	43.2	40.2	36.8	34.5	34.1	33.6	33.1	32.5	31.9	31.2	30.6
-32.5°	34.1	33.8	33.5	33.1	32.7	32.2	31.7	31.2	30.6	30.0	29.3
-33.75°	32.6	32.3	32.0	31.7	31.3	30.8	30.3	29.8	29.3	28.7	28.5
-35°	31.1	30.9	30.6	30.2	29.8	29.4	29.0	28.6	28.5	28.3	28.1
-36.25°	29.6	29.4	29.1	28.8	28.6	28.5	28.4	28.2	28.1	27.9	27.7
-37.5°	28.5	28.5	28.4	28.3	28.2	28.1	27.9	27.8	27.6	27.5	27.3
-38.75°	28.1	28.0	28.0	27.9	27.8	27.6	27.5	27.4	27.2	27.0	26.8
-40°	27.6	27.6	27.5	27.4	27.3	27.2	27.0	26.9	26.8	26.8	26.8
-41.25°	27.1	27.1	27.0	26.9	26.8	26.8	26.8	26.8	26.8	26.8	26.8
-42.5°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	27.1
-43.75°	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.1	27.2	27.4	27.5
-45°	26.9	27.0	27.1	27.1	27.2	27.3	27.4	27.6	27.7	27.8	27.8
-46.25°	27.4	27.5	27.6	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8
-47.5°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.7
-48.75°	27.8	27.8	27.8	27.8	27.8	27.8	27.7	27.6	27.5	27.4	27.3
-50°	27.7	27.6	27.6	27.5	27.4	27.3	27.3	27.2	27.0	26.9	26.8
-51.25°	27.2	27.1	27.1	27.0	26.9	26.9	26.8	26.7	26.6	26.5	26.3
-52.5°	26.7	26.6	26.6	26.5	26.5	26.4	26.3	26.2	26.1	26.0	25.9
-53.75°	26.2	26.2	26.1	26.0	26.0	25.9	25.8	25.7	25.5	25.3	25.0
-55°	25.6	25.5	25.4	25.3	25.2	25.0	24.9	24.7	24.5	24.3	24.1
-56.25°	24.6	24.5	24.4	24.3	24.2	24.1	23.9	23.8	23.7	23.6	23.5
-57.5°	23.7	23.7	23.6	23.6	23.5	23.5	23.4	23.3	23.2	23.1	23.0
-58.75°	23.2	23.2	23.1	23.1	23.0	23.0	22.9	22.8	22.7	22.7	22.6
-60°	22.7	22.7	22.6	22.6	22.5	22.5	22.4	22.4	22.3	22.2	22.1
-61.25°	22.2	22.2	22.2	22.1	22.1	22.0	21.9	21.9	21.8	21.6	21.3
-62.5°	21.6	21.5	21.4	21.3	21.1	21.0	20.8	20.6	20.4	20.2	19.9
-63.75°	20.1	20.0	19.9	19.8	19.7	19.5	19.3	19.1	19.0	18.8	18.6
-65°	18.7	18.6	18.6	18.5	18.4	18.3	18.2	18.1	17.9	17.8	17.7
-66.25°	17.7	17.6	17.6	17.5	17.4	17.3	17.2	17.1	17.0	16.9	16.7
-67.5°	16.6	16.6	16.5	16.4	16.3	16.1	16.0	15.9	15.7	15.5	15.3
-68.75°	15.2	15.1	15.0	15.0	14.9	14.7	14.6	14.5	14.3	14.2	14.0
-70°	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.0	12.9	12.7	12.6
-71.25°	12.3	12.2	12.1	12.0	12.0	11.8	11.7	11.6	11.5	11.3	11.2
-72.5°	10.8	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1
-73.75°	9.8	9.8	9.7	9.7	9.6	9.6	9.5	9.4	9.4	9.3	9.2
-75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-76.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-77.5°	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
-80°	6.9	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7
-81.25°	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.2
-82.5°	5.9	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6
-83.75°	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7
-85°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
-86.25°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
85°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
83.75°	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
82.5°	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	5.0
81.25°	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
80°	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.3	6.3
78.75°	7.4	7.3	7.2	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.7
77.5°	8.3	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.5	7.4	7.3
76.25°	8.9	8.9	8.9	8.9	8.9	8.7	8.6	8.5	8.4	8.3	8.2
75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
73.75°	9.1	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
72.5°	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.1	9.0	8.9	8.9
71.25°	11.0	10.8	10.7	10.6	10.4	10.3	10.2	10.0	9.8	9.7	9.5
70°	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.5	10.3
68.75°	13.8	13.6	13.4	13.1	12.9	12.7	12.4	12.1	11.9	11.6	11.3
67.5°	15.1	14.9	14.7	14.5	14.2	14.0	13.7	13.4	13.1	12.8	12.5
66.25°	16.5	16.3	16.0	15.8	15.5	15.3	15.0	14.7	14.4	14.1	13.7
65°	17.5	17.4	17.2	17.0	16.8	16.5	16.2	15.9	15.6	15.3	14.9
63.75°	18.4	18.3	18.1	17.9	17.7	17.5	17.3	17.1	16.8	16.5	16.1
62.5°	19.7	19.4	19.1	18.8	18.6	18.4	18.1	17.9	17.7	17.4	17.1
61.25°	21.0	20.8	20.5	20.1	19.8	19.5	19.1	18.8	18.5	18.2	17.9
60°	22.0	21.9	21.8	21.5	21.1	20.8	20.4	20.0	19.6	19.2	18.8
58.75°	22.5	22.4	22.3	22.1	22.0	21.9	21.7	21.3	20.8	20.4	19.9
57.5°	22.9	22.8	22.7	22.6	22.5	22.3	22.2	22.0	21.9	21.6	21.1
56.25°	23.4	23.3	23.2	23.0	22.9	22.8	22.6	22.5	22.3	22.1	22.0
55°	23.9	23.7	23.6	23.5	23.3	23.2	23.0	22.9	22.7	22.5	22.4
53.75°	24.8	24.6	24.3	24.0	23.8	23.6	23.5	23.3	23.1	22.9	22.8
52.5°	25.7	25.5	25.2	24.9	24.6	24.3	23.9	23.7	23.5	23.3	23.2
51.25°	26.2	26.1	25.9	25.8	25.4	25.1	24.8	24.4	24.1	23.7	23.5
50°	26.7	26.5	26.4	26.2	26.1	25.9	25.6	25.2	24.9	24.5	24.1
48.75°	27.1	27.0	26.8	26.6	26.5	26.3	26.1	25.9	25.7	25.2	24.8
47.5°	27.6	27.4	27.2	27.1	26.9	26.7	26.5	26.3	26.1	25.9	25.6
46.25°	27.8	27.8	27.7	27.5	27.3	27.1	26.9	26.7	26.5	26.3	26.1
45°	27.8	27.8	27.8	27.8	27.7	27.5	27.3	27.1	26.9	26.7	26.4
43.75°	27.7	27.8	27.8	27.8	27.8	27.8	27.7	27.5	27.3	27.1	26.8
42.5°	27.3	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.7	27.4	27.2
41.25°	26.8	27.0	27.2	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.5
40°	26.8	26.8	26.8	27.0	27.2	27.4	27.7	27.8	27.8	27.8	27.8
38.75°	26.8	26.8	26.8	26.8	26.8	27.0	27.3	27.5	27.8	27.8	27.8
37.5°	27.1	26.9	26.8	26.8	26.8	26.8	26.9	27.2	27.4	27.7	27.8
36.25°	27.5	27.3	27.1	26.8	26.8	26.8	26.8	26.8	27.1	27.4	27.7
35°	27.9	27.7	27.5	27.2	27.0	26.8	26.8	26.8	26.8	27.0	27.3



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	28.3	28.1	27.9	27.6	27.4	27.1	26.8	26.8	26.8	26.8	27.0
32.5°	28.7	28.5	28.2	28.0	27.7	27.5	27.2	26.9	26.8	26.8	26.8
31.25°	29.8	29.1	28.6	28.3	28.1	27.8	27.5	27.2	26.9	26.8	26.8
30°	31.1	30.3	29.5	28.7	28.4	28.1	27.9	27.6	27.2	26.9	26.8
28.75°	32.3	31.5	30.6	29.7	28.8	28.5	28.2	27.9	27.6	27.2	26.9
27.5°	33.5	32.6	31.7	30.8	29.9	28.9	28.5	28.2	27.9	27.5	27.2
26.25°	34.6	33.8	32.8	31.9	30.9	30.0	28.9	28.5	28.1	27.8	27.5
25°	45.6	36.4	33.9	33.0	32.0	30.9	29.9	28.8	28.4	28.1	27.7
23.75°	57.2	47.6	37.7	34.0	33.0	31.9	30.8	29.7	28.7	28.3	28.0
22.5°	73.2	58.5	48.2	37.7	33.9	32.8	31.7	30.6	29.5	28.6	28.2
21.25°	101.5	74.9	58.5	47.6	36.4	33.8	32.6	31.5	30.3	29.1	28.5
20°	129.1	101.5	73.2	57.2	45.6	34.6	33.5	32.3	31.1	29.8	28.7
18.75°	157.5	127.2	98.0	68.0	54.5	42.5	34.3	33.0	31.8	30.6	29.3
17.5°	194.1	153.5	121.8	90.9	63.1	50.7	38.1	33.8	32.5	31.2	30.0
16.25°	236.0	185.3	145.5	112.7	80.3	58.4	45.5	34.5	33.2	31.9	30.6
15°	280.6	221.3	170.9	133.6	100.1	66.4	52.6	39.3	33.8	32.5	31.2
13.75°	325.9	260.6	201.5	154.3	118.7	84.3	59.2	45.6	34.4	33.1	31.7
12.5°	374.0	300.4	234.6	178.3	136.5	100.8	65.3	51.5	37.5	33.6	32.2
11.25°	420.1	338.8	267.2	203.5	153.6	116.1	79.8	56.8	42.6	34.1	32.7
10°	463.2	378.6	299.8	230.2	171.7	130.0	93.0	61.7	47.3	34.5	33.1
8.75°	504.3	414.8	329.2	255.6	191.4	143.2	104.9	67.2	51.5	36.8	33.5
7.5°	542.8	447.3	358.6	278.9	208.6	154.8	115.3	77.1	55.1	40.2	33.8
6.25°	575.3	475.4	384.5	300.0	226.4	165.7	124.1	85.5	58.2	43.2	34.1
5°	600.1	500.4	405.9	317.5	241.5	177.3	131.6	92.5	60.8	45.7	34.3
3.75°	619.7	520.9	423.1	331.2	253.3	186.4	137.7	98.0	62.8	47.6	34.5
2.5°	633.8	535.7	435.5	342.4	261.8	192.9	142.1	101.9	64.2	48.9	34.6
1.25°	642.3	544.6	443.0	349.3	266.9	196.9	144.8	104.2	65.1	49.8	34.7
0°	645.2	547.6	445.6	351.6	268.6	198.2	145.7	105.0	65.4	50.1	34.7
-1.25°	642.3	544.6	443.0	349.3	266.9	196.9	144.8	104.2	65.1	49.8	34.7
-2.5°	633.8	535.7	435.5	342.4	261.8	192.9	142.1	101.9	64.2	48.9	34.6
-3.75°	619.7	520.9	423.1	331.2	253.3	186.4	137.7	98.0	62.8	47.6	34.5
-5°	600.1	500.4	405.9	317.5	241.5	177.3	131.6	92.5	60.8	45.7	34.3
-6.25°	575.3	475.4	384.5	300.0	226.4	165.7	124.1	85.5	58.2	43.2	34.1
-7.5°	542.8	447.3	358.6	278.9	208.6	154.8	115.3	77.1	55.1	40.2	33.8
-8.75°	504.3	414.8	329.2	255.6	191.4	143.2	104.9	67.2	51.5	36.8	33.5
-10°	463.2	378.6	299.8	230.2	171.7	130.0	93.0	61.7	47.3	34.5	33.1
-11.25°	420.1	338.8	267.2	203.5	153.6	116.1	79.8	56.8	42.6	34.1	32.7
-12.5°	374.0	300.4	234.6	178.3	136.5	100.8	65.3	51.5	37.5	33.6	32.2
-13.75°	325.9	260.6	201.5	154.3	118.7	84.3	59.2	45.6	34.4	33.1	31.7
-15°	280.6	221.3	170.9	133.6	100.1	66.4	52.6	39.3	33.8	32.5	31.2
-16.25°	236.0	185.3	145.5	112.7	80.3	58.4	45.5	34.5	33.2	31.9	30.6
-17.5°	194.1	153.5	121.8	90.9	63.1	50.7	38.1	33.8	32.5	31.2	30.0
-18.75°	157.5	127.2	98.0	68.0	54.5	42.5	34.3	33.0	31.8	30.6	29.3
-20°	129.1	101.5	73.2	57.2	45.6	34.6	33.5	32.3	31.1	29.8	28.7
-21.25°	101.5	74.9	58.5	47.6	36.4	33.8	32.6	31.5	30.3	29.1	28.5



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	73.2	58.5	48.2	37.7	33.9	32.8	31.7	30.6	29.5	28.6	28.2
-23.75°	57.2	47.6	37.7	34.0	33.0	31.9	30.8	29.7	28.7	28.3	28.0
-25°	45.6	36.4	33.9	33.0	32.0	30.9	29.9	28.8	28.4	28.1	27.7
-26.25°	34.6	33.8	32.8	31.9	30.9	30.0	28.9	28.5	28.1	27.8	27.5
-27.5°	33.5	32.6	31.7	30.8	29.9	28.9	28.5	28.2	27.9	27.5	27.2
-28.75°	32.3	31.5	30.6	29.7	28.8	28.5	28.2	27.9	27.6	27.2	26.9
-30°	31.1	30.3	29.5	28.7	28.4	28.1	27.9	27.6	27.2	26.9	26.8
-31.25°	29.8	29.1	28.6	28.3	28.1	27.8	27.5	27.2	26.9	26.8	26.8
-32.5°	28.7	28.5	28.2	28.0	27.7	27.5	27.2	26.9	26.8	26.8	26.8
-33.75°	28.3	28.1	27.9	27.6	27.4	27.1	26.8	26.8	26.8	26.8	27.0
-35°	27.9	27.7	27.5	27.2	27.0	26.8	26.8	26.8	26.8	27.0	27.3
-36.25°	27.5	27.3	27.1	26.8	26.8	26.8	26.8	26.8	27.1	27.4	27.7
-37.5°	27.1	26.9	26.8	26.8	26.8	26.8	26.9	27.2	27.4	27.7	27.8
-38.75°	26.8	26.8	26.8	26.8	26.8	27.0	27.3	27.5	27.8	27.8	27.8
-40°	26.8	26.8	26.8	27.0	27.2	27.4	27.7	27.8	27.8	27.8	27.8
-41.25°	26.8	27.0	27.2	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.5
-42.5°	27.3	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.7	27.4	27.2
-43.75°	27.7	27.8	27.8	27.8	27.8	27.8	27.7	27.5	27.3	27.1	26.8
-45°	27.8	27.8	27.8	27.8	27.7	27.5	27.3	27.1	26.9	26.7	26.4
-46.25°	27.8	27.8	27.7	27.5	27.3	27.1	26.9	26.7	26.5	26.3	26.1
-47.5°	27.6	27.4	27.2	27.1	26.9	26.7	26.5	26.3	26.1	25.9	25.6
-48.75°	27.1	27.0	26.8	26.6	26.5	26.3	26.1	25.9	25.7	25.2	24.8
-50°	26.7	26.5	26.4	26.2	26.1	25.9	25.6	25.2	24.9	24.5	24.1
-51.25°	26.2	26.1	25.9	25.8	25.4	25.1	24.8	24.4	24.1	23.7	23.5
-52.5°	25.7	25.5	25.2	24.9	24.6	24.3	23.9	23.7	23.5	23.3	23.2
-53.75°	24.8	24.6	24.3	24.0	23.8	23.6	23.5	23.3	23.1	22.9	22.8
-55°	23.9	23.7	23.6	23.5	23.3	23.2	23.0	22.9	22.7	22.5	22.4
-56.25°	23.4	23.3	23.2	23.0	22.9	22.8	22.6	22.5	22.3	22.1	22.0
-57.5°	22.9	22.8	22.7	22.6	22.5	22.3	22.2	22.0	21.9	21.6	21.1
-58.75°	22.5	22.4	22.3	22.1	22.0	21.9	21.7	21.3	20.8	20.4	19.9
-60°	22.0	21.9	21.8	21.5	21.1	20.8	20.4	20.0	19.6	19.2	18.8
-61.25°	21.0	20.8	20.5	20.1	19.8	19.5	19.1	18.8	18.5	18.2	17.9
-62.5°	19.7	19.4	19.1	18.8	18.6	18.4	18.1	17.9	17.7	17.4	17.1
-63.75°	18.4	18.3	18.1	17.9	17.7	17.5	17.3	17.1	16.8	16.5	16.1
-65°	17.5	17.4	17.2	17.0	16.8	16.5	16.2	15.9	15.6	15.3	14.9
-66.25°	16.5	16.3	16.0	15.8	15.5	15.3	15.0	14.7	14.4	14.1	13.7
-67.5°	15.1	14.9	14.7	14.5	14.2	14.0	13.7	13.4	13.1	12.8	12.5
-68.75°	13.8	13.6	13.4	13.1	12.9	12.7	12.4	12.1	11.9	11.6	11.3
-70°	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.5	10.3
-71.25°	11.0	10.8	10.7	10.6	10.4	10.3	10.2	10.0	9.8	9.7	9.5
-72.5°	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.1	9.0	8.9	8.9
-73.75°	9.1	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-76.25°	8.9	8.9	8.9	8.9	8.9	8.7	8.6	8.5	8.4	8.3	8.2
-77.5°	8.3	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.5	7.4	7.3



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	7.4	7.3	7.2	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.7
-80°	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.4	6.4	6.3	6.3
-81.25°	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
-82.5°	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1	5.0
-83.75°	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
-85°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
-86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
86.25°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
85°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
83.75°	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5
82.5°	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.3	4.2	4.1
81.25°	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
80°	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.4
78.75°	6.6	6.6	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0
77.5°	7.2	7.1	6.9	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3
76.25°	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.9	6.8	6.7
75°	8.8	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1
73.75°	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.4	8.2	8.0	7.8
72.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.5
71.25°	9.3	9.1	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70°	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.9	8.9	8.9	8.9
68.75°	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.3	9.0	8.9	8.9
67.5°	12.2	11.8	11.5	11.1	10.8	10.5	10.3	10.0	9.7	9.5	9.2
66.25°	13.4	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8
65°	14.6	14.2	13.8	13.4	13.0	12.6	12.1	11.7	11.2	10.8	10.5
63.75°	15.7	15.3	14.9	14.5	14.1	13.7	13.2	12.7	12.3	11.8	11.3
62.5°	16.9	16.5	16.1	15.6	15.2	14.7	14.3	13.8	13.3	12.8	12.2
61.25°	17.7	17.4	17.1	16.7	16.3	15.8	15.3	14.8	14.3	13.8	13.2
60°	18.5	18.1	17.8	17.5	17.2	16.8	16.3	15.8	15.3	14.7	14.2
58.75°	19.5	19.0	18.6	18.2	17.9	17.5	17.2	16.8	16.2	15.7	15.1
57.5°	20.6	20.1	19.6	19.1	18.6	18.2	17.9	17.5	17.1	16.6	16.0
56.25°	21.8	21.3	20.7	20.2	19.6	19.0	18.6	18.1	17.7	17.3	16.9
55°	22.2	22.0	21.8	21.3	20.7	20.1	19.5	18.8	18.4	17.9	17.5
53.75°	22.6	22.4	22.2	22.0	21.8	21.1	20.5	19.8	19.1	18.6	18.1
52.5°	23.0	22.8	22.6	22.4	22.1	21.9	21.5	20.8	20.1	19.4	18.7
51.25°	23.3	23.1	22.9	22.7	22.5	22.3	22.0	21.8	21.1	20.3	19.6
50°	23.7	23.5	23.3	23.1	22.8	22.6	22.4	22.1	21.9	21.2	20.5
48.75°	24.4	24.0	23.6	23.4	23.2	22.9	22.7	22.4	22.2	21.9	21.4
47.5°	25.1	24.7	24.2	23.8	23.5	23.3	23.0	22.7	22.5	22.2	21.9
46.25°	25.8	25.4	24.9	24.4	23.9	23.6	23.3	23.1	22.8	22.5	22.2
45°	26.2	26.0	25.6	25.1	24.6	24.0	23.6	23.4	23.1	22.8	22.5
43.75°	26.6	26.3	26.1	25.8	25.2	24.7	24.1	23.7	23.4	23.1	22.8
42.5°	26.9	26.7	26.4	26.1	25.8	25.3	24.7	24.1	23.7	23.4	23.1
41.25°	27.3	27.0	26.7	26.4	26.2	25.9	25.3	24.7	24.1	23.6	23.3
40°	27.6	27.3	27.1	26.8	26.5	26.2	25.9	25.3	24.7	24.0	23.6
38.75°	27.8	27.7	27.4	27.1	26.8	26.5	26.2	25.8	25.2	24.6	23.9
37.5°	27.8	27.8	27.7	27.4	27.1	26.8	26.4	26.1	25.8	25.1	24.4
36.25°	27.8	27.8	27.8	27.7	27.4	27.1	26.7	26.4	26.1	25.6	24.9
35°	27.6	27.8	27.8	27.8	27.7	27.3	27.0	26.7	26.3	26.0	25.4



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	27.3	27.6	27.8	27.8	27.8	27.6	27.3	26.9	26.6	26.2	25.8
32.5°	27.0	27.3	27.7	27.8	27.8	27.8	27.5	27.2	26.8	26.4	26.1
31.25°	26.8	27.0	27.4	27.7	27.8	27.8	27.8	27.4	27.1	26.7	26.3
30°	26.8	26.8	27.1	27.4	27.8	27.8	27.8	27.7	27.3	26.9	26.5
28.75°	26.8	26.8	26.8	27.2	27.5	27.8	27.8	27.8	27.5	27.1	26.7
27.5°	26.8	26.8	26.8	26.9	27.3	27.7	27.8	27.8	27.7	27.3	26.9
26.25°	27.1	26.8	26.8	26.8	27.0	27.4	27.8	27.8	27.8	27.5	27.1
25°	27.4	27.0	26.8	26.8	26.8	27.2	27.6	27.8	27.8	27.7	27.3
23.75°	27.6	27.2	26.8	26.8	26.8	27.0	27.4	27.8	27.8	27.8	27.5
22.5°	27.9	27.5	27.1	26.8	26.8	26.8	27.2	27.6	27.8	27.8	27.7
21.25°	28.1	27.7	27.3	26.9	26.8	26.8	27.0	27.4	27.8	27.8	27.8
20°	28.3	27.9	27.5	27.1	26.8	26.8	26.8	27.3	27.7	27.8	27.8
18.75°	28.5	28.1	27.7	27.3	26.8	26.8	26.8	27.1	27.5	27.8	27.8
17.5°	28.7	28.3	27.9	27.5	27.0	26.8	26.8	26.9	27.4	27.8	27.8
16.25°	29.3	28.5	28.1	27.6	27.2	26.8	26.8	26.8	27.2	27.7	27.8
15°	29.8	28.6	28.2	27.8	27.4	26.9	26.8	26.8	27.1	27.6	27.8
13.75°	30.3	29.0	28.4	27.9	27.5	27.0	26.8	26.8	27.0	27.4	27.8
12.5°	30.8	29.4	28.5	28.1	27.6	27.2	26.8	26.8	26.9	27.3	27.8
11.25°	31.3	29.8	28.6	28.2	27.8	27.3	26.8	26.8	26.8	27.2	27.7
10°	31.7	30.2	28.8	28.3	27.9	27.4	26.9	26.8	26.8	27.1	27.6
8.75°	32.0	30.6	29.1	28.4	28.0	27.5	27.0	26.8	26.8	27.1	27.6
7.5°	32.3	30.9	29.4	28.5	28.0	27.6	27.1	26.8	26.8	27.0	27.5
6.25°	32.6	31.1	29.6	28.5	28.1	27.6	27.1	26.8	26.8	26.9	27.4
5°	32.8	31.3	29.8	28.6	28.2	27.7	27.2	26.8	26.8	26.9	27.4
3.75°	33.0	31.5	30.0	28.6	28.2	27.7	27.2	26.8	26.8	26.8	27.3
2.5°	33.1	31.6	30.1	28.7	28.2	27.8	27.3	26.8	26.8	26.8	27.3
1.25°	33.2	31.7	30.2	28.7	28.2	27.8	27.3	26.8	26.8	26.8	27.3
0°	33.2	31.7	30.2	28.7	28.2	27.8	27.3	26.8	26.8	26.8	27.3
-1.25°	33.2	31.7	30.2	28.7	28.2	27.8	27.3	26.8	26.8	26.8	27.3
-2.5°	33.1	31.6	30.1	28.7	28.2	27.8	27.3	26.8	26.8	26.8	27.3
-3.75°	33.0	31.5	30.0	28.6	28.2	27.7	27.2	26.8	26.8	26.8	27.3
-5°	32.8	31.3	29.8	28.6	28.2	27.7	27.2	26.8	26.8	26.9	27.4
-6.25°	32.6	31.1	29.6	28.5	28.1	27.6	27.1	26.8	26.8	26.9	27.4
-7.5°	32.3	30.9	29.4	28.5	28.0	27.6	27.1	26.8	26.8	27.0	27.5
-8.75°	32.0	30.6	29.1	28.4	28.0	27.5	27.0	26.8	26.8	27.1	27.6
-10°	31.7	30.2	28.8	28.3	27.9	27.4	26.9	26.8	26.8	27.1	27.6
-11.25°	31.3	29.8	28.6	28.2	27.8	27.3	26.8	26.8	26.8	27.2	27.7
-12.5°	30.8	29.4	28.5	28.1	27.6	27.2	26.8	26.8	26.9	27.3	27.8
-13.75°	30.3	29.0	28.4	27.9	27.5	27.0	26.8	26.8	27.0	27.4	27.8
-15°	29.8	28.6	28.2	27.8	27.4	26.9	26.8	26.8	27.1	27.6	27.8
-16.25°	29.3	28.5	28.1	27.6	27.2	26.8	26.8	26.8	27.2	27.7	27.8
-17.5°	28.7	28.3	27.9	27.5	27.0	26.8	26.8	26.9	27.4	27.8	27.8
-18.75°	28.5	28.1	27.7	27.3	26.8	26.8	26.8	27.1	27.5	27.8	27.8
-20°	28.3	27.9	27.5	27.1	26.8	26.8	26.8	27.3	27.7	27.8	27.8
-21.25°	28.1	27.7	27.3	26.9	26.8	26.8	27.0	27.4	27.8	27.8	27.8



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	27.9	27.5	27.1	26.8	26.8	26.8	27.2	27.6	27.8	27.8	27.7
-23.75°	27.6	27.2	26.8	26.8	26.8	27.0	27.4	27.8	27.8	27.8	27.5
-25°	27.4	27.0	26.8	26.8	26.8	27.2	27.6	27.8	27.8	27.7	27.3
-26.25°	27.1	26.8	26.8	26.8	27.0	27.4	27.8	27.8	27.8	27.5	27.1
-27.5°	26.8	26.8	26.8	26.9	27.3	27.7	27.8	27.8	27.7	27.3	26.9
-28.75°	26.8	26.8	26.8	27.2	27.5	27.8	27.8	27.8	27.5	27.1	26.7
-30°	26.8	26.8	27.1	27.4	27.8	27.8	27.8	27.7	27.3	26.9	26.5
-31.25°	26.8	27.0	27.4	27.7	27.8	27.8	27.8	27.4	27.1	26.7	26.3
-32.5°	27.0	27.3	27.7	27.8	27.8	27.8	27.5	27.2	26.8	26.4	26.1
-33.75°	27.3	27.6	27.8	27.8	27.8	27.6	27.3	26.9	26.6	26.2	25.8
-35°	27.6	27.8	27.8	27.8	27.7	27.3	27.0	26.7	26.3	26.0	25.4
-36.25°	27.8	27.8	27.8	27.7	27.4	27.1	26.7	26.4	26.1	25.6	24.9
-37.5°	27.8	27.8	27.7	27.4	27.1	26.8	26.4	26.1	25.8	25.1	24.4
-38.75°	27.8	27.7	27.4	27.1	26.8	26.5	26.2	25.8	25.2	24.6	23.9
-40°	27.6	27.3	27.1	26.8	26.5	26.2	25.9	25.3	24.7	24.0	23.6
-41.25°	27.3	27.0	26.7	26.4	26.2	25.9	25.3	24.7	24.1	23.6	23.3
-42.5°	26.9	26.7	26.4	26.1	25.8	25.3	24.7	24.1	23.7	23.4	23.1
-43.75°	26.6	26.3	26.1	25.8	25.2	24.7	24.1	23.7	23.4	23.1	22.8
-45°	26.2	26.0	25.6	25.1	24.6	24.0	23.6	23.4	23.1	22.8	22.5
-46.25°	25.8	25.4	24.9	24.4	23.9	23.6	23.3	23.1	22.8	22.5	22.2
-47.5°	25.1	24.7	24.2	23.8	23.5	23.3	23.0	22.7	22.5	22.2	21.9
-48.75°	24.4	24.0	23.6	23.4	23.2	22.9	22.7	22.4	22.2	21.9	21.4
-50°	23.7	23.5	23.3	23.1	22.8	22.6	22.4	22.1	21.9	21.2	20.5
-51.25°	23.3	23.1	22.9	22.7	22.5	22.3	22.0	21.8	21.1	20.3	19.6
-52.5°	23.0	22.8	22.6	22.4	22.1	21.9	21.5	20.8	20.1	19.4	18.7
-53.75°	22.6	22.4	22.2	22.0	21.8	21.1	20.5	19.8	19.1	18.6	18.1
-55°	22.2	22.0	21.8	21.3	20.7	20.1	19.5	18.8	18.4	17.9	17.5
-56.25°	21.8	21.3	20.7	20.2	19.6	19.0	18.6	18.1	17.7	17.3	16.9
-57.5°	20.6	20.1	19.6	19.1	18.6	18.2	17.9	17.5	17.1	16.6	16.0
-58.75°	19.5	19.0	18.6	18.2	17.9	17.5	17.2	16.8	16.2	15.7	15.1
-60°	18.5	18.1	17.8	17.5	17.2	16.8	16.3	15.8	15.3	14.7	14.2
-61.25°	17.7	17.4	17.1	16.7	16.3	15.8	15.3	14.8	14.3	13.8	13.2
-62.5°	16.9	16.5	16.1	15.6	15.2	14.7	14.3	13.8	13.3	12.8	12.2
-63.75°	15.7	15.3	14.9	14.5	14.1	13.7	13.2	12.7	12.3	11.8	11.3
-65°	14.6	14.2	13.8	13.4	13.0	12.6	12.1	11.7	11.2	10.8	10.5
-66.25°	13.4	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8
-67.5°	12.2	11.8	11.5	11.1	10.8	10.5	10.3	10.0	9.7	9.5	9.2
-68.75°	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.3	9.0	8.9	8.9
-70°	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.9	8.9	8.9	8.9
-71.25°	9.3	9.1	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-72.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.5
-73.75°	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.4	8.2	8.0	7.8
-75°	8.8	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1
-76.25°	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.9	6.8	6.7
-77.5°	7.2	7.1	6.9	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	6.6	6.6	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.0
-80°	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.4
-81.25°	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
-82.5°	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.4	4.3	4.2	4.1
-83.75°	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5
-85°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
-86.25°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
85°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
83.75°	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
82.5°	4.0	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
81.25°	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.6	3.5
80°	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.1	4.0
78.75°	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.5
77.5°	6.3	6.2	6.1	6.0	5.9	5.8	5.6	5.4	5.3	5.1	4.9
76.25°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.6	5.4
75°	7.0	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9
73.75°	7.6	7.4	7.2	7.0	6.8	6.7	6.6	6.5	6.4	6.2	6.1
72.5°	8.3	8.0	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.5	6.4
71.25°	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1	6.9	6.7	6.6
70°	8.9	8.9	8.9	8.8	8.5	8.2	8.0	7.7	7.4	7.1	6.8
68.75°	8.9	8.9	8.9	8.9	8.9	8.8	8.5	8.2	7.9	7.6	7.3
67.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.4	8.1	7.7
66.25°	9.5	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.5	8.2
65°	10.2	9.8	9.5	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.7
63.75°	10.8	10.5	10.1	9.8	9.4	9.0	8.9	8.9	8.9	8.9	8.9
62.5°	11.7	11.2	10.7	10.3	10.0	9.6	9.2	8.9	8.9	8.9	8.9
61.25°	12.7	12.1	11.5	10.9	10.5	10.1	9.7	9.3	8.9	8.9	8.9
60°	13.6	13.0	12.4	11.8	11.2	10.7	10.2	9.8	9.4	8.9	8.9
58.75°	14.5	13.9	13.3	12.6	12.0	11.3	10.7	10.3	9.8	9.4	8.9
57.5°	15.4	14.8	14.1	13.5	12.8	12.1	11.4	10.8	10.3	9.8	9.4
56.25°	16.3	15.6	15.0	14.3	13.6	12.9	12.2	11.5	10.8	10.3	9.8
55°	17.0	16.5	15.8	15.1	14.4	13.7	12.9	12.2	11.4	10.7	10.2
53.75°	17.6	17.2	16.6	15.9	15.2	14.4	13.7	12.9	12.1	11.3	10.7
52.5°	18.2	17.7	17.2	16.7	15.9	15.2	14.4	13.6	12.8	12.0	11.2
51.25°	18.8	18.3	17.8	17.3	16.7	15.9	15.1	14.3	13.5	12.6	11.8
50°	19.7	18.9	18.3	17.8	17.2	16.6	15.8	15.0	14.1	13.3	12.4
48.75°	20.5	19.7	18.9	18.3	17.7	17.2	16.5	15.6	14.8	13.9	13.0
47.5°	21.4	20.5	19.7	18.8	18.2	17.6	17.0	16.3	15.4	14.5	13.6
46.25°	21.9	21.4	20.5	19.6	18.7	18.1	17.5	16.9	16.0	15.1	14.2
45°	22.2	21.9	21.2	20.3	19.4	18.6	17.9	17.3	16.6	15.7	14.7
43.75°	22.5	22.2	21.9	21.1	20.1	19.1	18.4	17.7	17.1	16.2	15.3
42.5°	22.7	22.4	22.1	21.8	20.8	19.8	18.8	18.1	17.5	16.8	15.8
41.25°	23.0	22.7	22.4	22.0	21.5	20.5	19.5	18.6	17.9	17.2	16.3
40°	23.3	22.9	22.6	22.3	21.9	21.1	20.1	19.0	18.2	17.5	16.8
38.75°	23.5	23.2	22.8	22.5	22.1	21.8	20.7	19.6	18.6	17.9	17.2
37.5°	23.8	23.4	23.1	22.7	22.4	22.0	21.3	20.2	19.1	18.2	17.5
36.25°	24.2	23.6	23.3	22.9	22.6	22.2	21.8	20.7	19.6	18.6	17.8
35°	24.7	24.0	23.5	23.1	22.8	22.4	22.0	21.3	20.1	19.0	18.1



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	25.1	24.4	23.7	23.3	23.0	22.6	22.2	21.8	20.6	19.5	18.5
32.5°	25.6	24.8	24.1	23.5	23.2	22.8	22.4	22.0	21.1	19.9	18.8
31.25°	25.9	25.2	24.5	23.7	23.3	22.9	22.5	22.1	21.6	20.4	19.2
30°	26.1	25.7	24.9	24.1	23.5	23.1	22.7	22.3	21.9	20.8	19.6
28.75°	26.3	25.9	25.2	24.4	23.7	23.3	22.9	22.5	22.0	21.3	20.0
27.5°	26.5	26.1	25.6	24.8	23.9	23.5	23.0	22.6	22.2	21.7	20.4
26.25°	26.7	26.3	25.9	25.1	24.3	23.6	23.2	22.8	22.3	21.9	20.8
25°	26.9	26.5	26.1	25.4	24.6	23.8	23.3	22.9	22.5	22.0	21.1
23.75°	27.1	26.6	26.2	25.8	24.9	24.0	23.5	23.0	22.6	22.1	21.5
22.5°	27.2	26.8	26.4	25.9	25.2	24.3	23.6	23.2	22.7	22.3	21.8
21.25°	27.4	27.0	26.5	26.1	25.5	24.6	23.7	23.3	22.8	22.4	21.9
20°	27.6	27.1	26.7	26.2	25.7	24.8	23.9	23.4	22.9	22.5	22.0
18.75°	27.7	27.3	26.8	26.3	25.9	25.0	24.1	23.5	23.0	22.6	22.1
17.5°	27.8	27.4	26.9	26.5	26.0	25.3	24.3	23.6	23.1	22.7	22.2
16.25°	27.8	27.5	27.0	26.6	26.1	25.5	24.5	23.7	23.2	22.7	22.3
15°	27.8	27.6	27.2	26.7	26.2	25.7	24.7	23.8	23.3	22.8	22.4
13.75°	27.8	27.7	27.3	26.8	26.3	25.8	24.9	23.9	23.4	22.9	22.4
12.5°	27.8	27.8	27.3	26.9	26.4	25.9	25.0	24.1	23.5	23.0	22.5
11.25°	27.8	27.8	27.4	26.9	26.5	26.0	25.2	24.2	23.5	23.0	22.5
10°	27.8	27.8	27.5	27.0	26.5	26.0	25.3	24.3	23.6	23.1	22.6
8.75°	27.8	27.8	27.6	27.1	26.6	26.1	25.4	24.4	23.6	23.1	22.6
7.5°	27.8	27.8	27.6	27.1	26.6	26.2	25.5	24.5	23.7	23.2	22.7
6.25°	27.8	27.8	27.7	27.2	26.7	26.2	25.6	24.6	23.7	23.2	22.7
5°	27.8	27.8	27.7	27.2	26.7	26.2	25.7	24.7	23.7	23.2	22.7
3.75°	27.8	27.8	27.8	27.3	26.8	26.3	25.7	24.7	23.8	23.3	22.8
2.5°	27.8	27.8	27.8	27.3	26.8	26.3	25.8	24.8	23.8	23.3	22.8
1.25°	27.8	27.8	27.8	27.3	26.8	26.3	25.8	24.8	23.8	23.3	22.8
0°	27.8	27.8	27.8	27.3	26.8	26.3	25.8	24.8	23.8	23.3	22.8
-1.25°	27.8	27.8	27.8	27.3	26.8	26.3	25.8	24.8	23.8	23.3	22.8
-2.5°	27.8	27.8	27.8	27.3	26.8	26.3	25.8	24.8	23.8	23.3	22.8
-3.75°	27.8	27.8	27.8	27.3	26.8	26.3	25.7	24.7	23.8	23.3	22.8
-5°	27.8	27.8	27.7	27.2	26.7	26.2	25.7	24.7	23.7	23.2	22.7
-6.25°	27.8	27.8	27.7	27.2	26.7	26.2	25.6	24.6	23.7	23.2	22.7
-7.5°	27.8	27.8	27.6	27.1	26.6	26.2	25.5	24.5	23.7	23.2	22.7
-8.75°	27.8	27.8	27.6	27.1	26.6	26.1	25.4	24.4	23.6	23.1	22.6
-10°	27.8	27.8	27.5	27.0	26.5	26.0	25.3	24.3	23.6	23.1	22.6
-11.25°	27.8	27.8	27.4	26.9	26.5	26.0	25.2	24.2	23.5	23.0	22.5
-12.5°	27.8	27.8	27.3	26.9	26.4	25.9	25.0	24.1	23.5	23.0	22.5
-13.75°	27.8	27.7	27.3	26.8	26.3	25.8	24.9	23.9	23.4	22.9	22.4
-15°	27.8	27.6	27.2	26.7	26.2	25.7	24.7	23.8	23.3	22.8	22.4
-16.25°	27.8	27.5	27.0	26.6	26.1	25.5	24.5	23.7	23.2	22.7	22.3
-17.5°	27.8	27.4	26.9	26.5	26.0	25.3	24.3	23.6	23.1	22.7	22.2
-18.75°	27.7	27.3	26.8	26.3	25.9	25.0	24.1	23.5	23.0	22.6	22.1
-20°	27.6	27.1	26.7	26.2	25.7	24.8	23.9	23.4	22.9	22.5	22.0
-21.25°	27.4	27.0	26.5	26.1	25.5	24.6	23.7	23.3	22.8	22.4	21.9



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	27.2	26.8	26.4	25.9	25.2	24.3	23.6	23.2	22.7	22.3	21.8
-23.75°	27.1	26.6	26.2	25.8	24.9	24.0	23.5	23.0	22.6	22.1	21.5
-25°	26.9	26.5	26.1	25.4	24.6	23.8	23.3	22.9	22.5	22.0	21.1
-26.25°	26.7	26.3	25.9	25.1	24.3	23.6	23.2	22.8	22.3	21.9	20.8
-27.5°	26.5	26.1	25.6	24.8	23.9	23.5	23.0	22.6	22.2	21.7	20.4
-28.75°	26.3	25.9	25.2	24.4	23.7	23.3	22.9	22.5	22.0	21.3	20.0
-30°	26.1	25.7	24.9	24.1	23.5	23.1	22.7	22.3	21.9	20.8	19.6
-31.25°	25.9	25.2	24.5	23.7	23.3	22.9	22.5	22.1	21.6	20.4	19.2
-32.5°	25.6	24.8	24.1	23.5	23.2	22.8	22.4	22.0	21.1	19.9	18.8
-33.75°	25.1	24.4	23.7	23.3	23.0	22.6	22.2	21.8	20.6	19.5	18.5
-35°	24.7	24.0	23.5	23.1	22.8	22.4	22.0	21.3	20.1	19.0	18.1
-36.25°	24.2	23.6	23.3	22.9	22.6	22.2	21.8	20.7	19.6	18.6	17.8
-37.5°	23.8	23.4	23.1	22.7	22.4	22.0	21.3	20.2	19.1	18.2	17.5
-38.75°	23.5	23.2	22.8	22.5	22.1	21.8	20.7	19.6	18.6	17.9	17.2
-40°	23.3	22.9	22.6	22.3	21.9	21.1	20.1	19.0	18.2	17.5	16.8
-41.25°	23.0	22.7	22.4	22.0	21.5	20.5	19.5	18.6	17.9	17.2	16.3
-42.5°	22.7	22.4	22.1	21.8	20.8	19.8	18.8	18.1	17.5	16.8	15.8
-43.75°	22.5	22.2	21.9	21.1	20.1	19.1	18.4	17.7	17.1	16.2	15.3
-45°	22.2	21.9	21.2	20.3	19.4	18.6	17.9	17.3	16.6	15.7	14.7
-46.25°	21.9	21.4	20.5	19.6	18.7	18.1	17.5	16.9	16.0	15.1	14.2
-47.5°	21.4	20.5	19.7	18.8	18.2	17.6	17.0	16.3	15.4	14.5	13.6
-48.75°	20.5	19.7	18.9	18.3	17.7	17.2	16.5	15.6	14.8	13.9	13.0
-50°	19.7	18.9	18.3	17.8	17.2	16.6	15.8	15.0	14.1	13.3	12.4
-51.25°	18.8	18.3	17.8	17.3	16.7	15.9	15.1	14.3	13.5	12.6	11.8
-52.5°	18.2	17.7	17.2	16.7	15.9	15.2	14.4	13.6	12.8	12.0	11.2
-53.75°	17.6	17.2	16.6	15.9	15.2	14.4	13.7	12.9	12.1	11.3	10.7
-55°	17.0	16.5	15.8	15.1	14.4	13.7	12.9	12.2	11.4	10.7	10.2
-56.25°	16.3	15.6	15.0	14.3	13.6	12.9	12.2	11.5	10.8	10.3	9.8
-57.5°	15.4	14.8	14.1	13.5	12.8	12.1	11.4	10.8	10.3	9.8	9.4
-58.75°	14.5	13.9	13.3	12.6	12.0	11.3	10.7	10.3	9.8	9.4	8.9
-60°	13.6	13.0	12.4	11.8	11.2	10.7	10.2	9.8	9.4	8.9	8.9
-61.25°	12.7	12.1	11.5	10.9	10.5	10.1	9.7	9.3	8.9	8.9	8.9
-62.5°	11.7	11.2	10.7	10.3	10.0	9.6	9.2	8.9	8.9	8.9	8.9
-63.75°	10.8	10.5	10.1	9.8	9.4	9.0	8.9	8.9	8.9	8.9	8.9
-65°	10.2	9.8	9.5	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.7
-66.25°	9.5	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.5	8.2
-67.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.4	8.1	7.7
-68.75°	8.9	8.9	8.9	8.9	8.9	8.8	8.5	8.2	7.9	7.6	7.3
-70°	8.9	8.9	8.9	8.8	8.5	8.2	8.0	7.7	7.4	7.1	6.8
-71.25°	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1	6.9	6.7	6.6
-72.5°	8.3	8.0	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.5	6.4
-73.75°	7.6	7.4	7.2	7.0	6.8	6.7	6.6	6.5	6.4	6.2	6.1
-75°	7.0	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9
-76.25°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.6	5.4
-77.5°	6.3	6.2	6.1	6.0	5.9	5.8	5.6	5.4	5.3	5.1	4.9



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.5
-80°	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.1	4.0
-81.25°	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.6	3.5
-82.5°	4.0	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-83.75°	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
-85°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
83.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
82.5°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
81.25°	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1	2.0
80°	3.8	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.6	2.4	2.2
78.75°	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
77.5°	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8
76.25°	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.1
75°	5.6	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.6	3.3
73.75°	6.0	5.8	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.9	3.6
72.5°	6.2	6.1	6.0	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.9
71.25°	6.5	6.3	6.2	6.0	5.9	5.6	5.3	5.0	4.7	4.4	4.1
70°	6.7	6.5	6.4	6.2	6.1	5.9	5.6	5.3	5.0	4.7	4.4
68.75°	6.9	6.8	6.6	6.4	6.3	6.1	5.9	5.6	5.3	5.0	4.6
67.5°	7.4	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.6	5.2	4.9
66.25°	7.8	7.5	7.1	6.8	6.6	6.4	6.3	6.1	5.9	5.5	5.1
65°	8.3	7.9	7.5	7.1	6.8	6.6	6.4	6.2	6.0	5.7	5.4
63.75°	8.7	8.3	7.9	7.5	7.1	6.8	6.6	6.4	6.2	6.0	5.6
62.5°	8.9	8.7	8.3	7.9	7.5	7.0	6.8	6.5	6.3	6.1	5.8
61.25°	8.9	8.9	8.7	8.3	7.8	7.4	6.9	6.7	6.5	6.2	6.0
60°	8.9	8.9	8.9	8.7	8.2	7.7	7.3	6.8	6.6	6.4	6.1
58.75°	8.9	8.9	8.9	8.9	8.5	8.1	7.6	7.1	6.7	6.5	6.2
57.5°	8.9	8.9	8.9	8.9	8.9	8.4	7.9	7.4	6.9	6.6	6.4
56.25°	9.3	8.9	8.9	8.9	8.9	8.7	8.2	7.7	7.1	6.7	6.5
55°	9.7	9.2	8.9	8.9	8.9	8.9	8.5	8.0	7.4	6.9	6.6
53.75°	10.1	9.6	9.0	8.9	8.9	8.9	8.8	8.2	7.7	7.1	6.7
52.5°	10.5	10.0	9.4	8.9	8.9	8.9	8.9	8.5	7.9	7.3	6.8
51.25°	10.9	10.3	9.8	9.2	8.9	8.9	8.9	8.8	8.2	7.6	7.0
50°	11.5	10.7	10.1	9.5	8.9	8.9	8.9	8.9	8.4	7.8	7.2
48.75°	12.1	11.2	10.5	9.8	9.2	8.9	8.9	8.9	8.7	8.0	7.4
47.5°	12.7	11.7	10.8	10.2	9.5	8.9	8.9	8.9	8.9	8.3	7.6
46.25°	13.2	12.2	11.3	10.5	9.8	9.2	8.9	8.9	8.9	8.5	7.8
45°	13.8	12.8	11.8	10.8	10.1	9.5	8.9	8.9	8.9	8.7	8.0
43.75°	14.3	13.3	12.3	11.2	10.4	9.7	9.0	8.9	8.9	8.9	8.2
42.5°	14.8	13.8	12.7	11.7	10.7	10.0	9.3	8.9	8.9	8.9	8.4
41.25°	15.3	14.3	13.2	12.1	11.1	10.3	9.6	8.9	8.9	8.9	8.6
40°	15.8	14.7	13.7	12.6	11.5	10.5	9.8	9.1	8.9	8.9	8.8
38.75°	16.3	15.2	14.1	13.0	11.9	10.8	10.0	9.3	8.9	8.9	8.9
37.5°	16.7	15.6	14.5	13.4	12.3	11.1	10.3	9.5	8.9	8.9	8.9
36.25°	17.1	16.1	14.9	13.8	12.6	11.5	10.5	9.7	8.9	8.9	8.9
35°	17.4	16.5	15.3	14.2	13.0	11.8	10.7	9.9	9.1	8.9	8.9



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	17.7	16.9	15.7	14.6	13.4	12.2	10.9	10.1	9.3	8.9	8.9
32.5°	17.9	17.1	16.1	14.9	13.7	12.5	11.3	10.3	9.5	8.9	8.9
31.25°	18.2	17.4	16.5	15.3	14.1	12.8	11.6	10.5	9.7	8.9	8.9
30°	18.5	17.7	16.8	15.6	14.4	13.1	11.9	10.7	9.8	9.0	8.9
28.75°	18.8	17.9	17.1	15.9	14.7	13.4	12.1	10.9	10.0	9.1	8.9
27.5°	19.1	18.1	17.3	16.2	15.0	13.7	12.4	11.1	10.2	9.3	8.9
26.25°	19.5	18.4	17.5	16.5	15.3	14.0	12.7	11.3	10.3	9.4	8.9
25°	19.8	18.6	17.7	16.8	15.5	14.2	12.9	11.6	10.4	9.6	8.9
23.75°	20.1	18.8	17.9	17.0	15.8	14.5	13.1	11.8	10.6	9.7	8.9
22.5°	20.5	19.1	18.1	17.2	16.0	14.7	13.4	12.0	10.7	9.8	8.9
21.25°	20.8	19.4	18.3	17.4	16.3	14.9	13.6	12.2	10.8	9.9	9.0
20°	21.0	19.7	18.4	17.5	16.5	15.1	13.8	12.4	11.0	10.0	9.1
18.75°	21.3	19.9	18.6	17.7	16.7	15.3	14.0	12.6	11.2	10.1	9.2
17.5°	21.6	20.2	18.8	17.8	16.9	15.5	14.2	12.7	11.3	10.2	9.3
16.25°	21.8	20.4	19.0	17.9	17.0	15.7	14.3	12.9	11.5	10.3	9.4
15°	21.9	20.6	19.1	18.1	17.1	15.9	14.5	13.0	11.6	10.4	9.4
13.75°	21.9	20.8	19.3	18.2	17.2	16.0	14.6	13.2	11.7	10.5	9.5
12.5°	22.0	21.0	19.5	18.3	17.3	16.1	14.7	13.3	11.8	10.6	9.6
11.25°	22.1	21.1	19.7	18.4	17.4	16.3	14.9	13.4	12.0	10.6	9.6
10°	22.1	21.3	19.8	18.5	17.5	16.4	15.0	13.5	12.0	10.7	9.7
8.75°	22.2	21.4	19.9	18.6	17.6	16.5	15.0	13.6	12.1	10.7	9.7
7.5°	22.2	21.5	20.0	18.6	17.6	16.6	15.1	13.7	12.2	10.8	9.8
6.25°	22.2	21.6	20.1	18.7	17.7	16.6	15.2	13.8	12.3	10.8	9.8
5°	22.3	21.7	20.2	18.7	17.7	16.7	15.3	13.8	12.3	10.8	9.8
3.75°	22.3	21.7	20.2	18.8	17.8	16.7	15.3	13.8	12.4	10.9	9.9
2.5°	22.3	21.8	20.3	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9
1.25°	22.3	21.8	20.3	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9
0°	22.3	21.8	20.3	18.8	17.8	16.8	15.4	13.9	12.4	10.9	9.9
-1.25°	22.3	21.8	20.3	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9
-2.5°	22.3	21.8	20.3	18.8	17.8	16.8	15.3	13.9	12.4	10.9	9.9
-3.75°	22.3	21.7	20.2	18.8	17.8	16.7	15.3	13.8	12.4	10.9	9.9
-5°	22.3	21.7	20.2	18.7	17.7	16.7	15.3	13.8	12.3	10.8	9.8
-6.25°	22.2	21.6	20.1	18.7	17.7	16.6	15.2	13.8	12.3	10.8	9.8
-7.5°	22.2	21.5	20.0	18.6	17.6	16.6	15.1	13.7	12.2	10.8	9.8
-8.75°	22.2	21.4	19.9	18.6	17.6	16.5	15.0	13.6	12.1	10.7	9.7
-10°	22.1	21.3	19.8	18.5	17.5	16.4	15.0	13.5	12.0	10.7	9.7
-11.25°	22.1	21.1	19.7	18.4	17.4	16.3	14.9	13.4	12.0	10.6	9.6
-12.5°	22.0	21.0	19.5	18.3	17.3	16.1	14.7	13.3	11.8	10.6	9.6
-13.75°	21.9	20.8	19.3	18.2	17.2	16.0	14.6	13.2	11.7	10.5	9.5
-15°	21.9	20.6	19.1	18.1	17.1	15.9	14.5	13.0	11.6	10.4	9.4
-16.25°	21.8	20.4	19.0	17.9	17.0	15.7	14.3	12.9	11.5	10.3	9.4
-17.5°	21.6	20.2	18.8	17.8	16.9	15.5	14.2	12.7	11.3	10.2	9.3
-18.75°	21.3	19.9	18.6	17.7	16.7	15.3	14.0	12.6	11.2	10.1	9.2
-20°	21.0	19.7	18.4	17.5	16.5	15.1	13.8	12.4	11.0	10.0	9.1
-21.25°	20.8	19.4	18.3	17.4	16.3	14.9	13.6	12.2	10.8	9.9	9.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	20.5	19.1	18.1	17.2	16.0	14.7	13.4	12.0	10.7	9.8	8.9
-23.75°	20.1	18.8	17.9	17.0	15.8	14.5	13.1	11.8	10.6	9.7	8.9
-25°	19.8	18.6	17.7	16.8	15.5	14.2	12.9	11.6	10.4	9.6	8.9
-26.25°	19.5	18.4	17.5	16.5	15.3	14.0	12.7	11.3	10.3	9.4	8.9
-27.5°	19.1	18.1	17.3	16.2	15.0	13.7	12.4	11.1	10.2	9.3	8.9
-28.75°	18.8	17.9	17.1	15.9	14.7	13.4	12.1	10.9	10.0	9.1	8.9
-30°	18.5	17.7	16.8	15.6	14.4	13.1	11.9	10.7	9.8	9.0	8.9
-31.25°	18.2	17.4	16.5	15.3	14.1	12.8	11.6	10.5	9.7	8.9	8.9
-32.5°	17.9	17.1	16.1	14.9	13.7	12.5	11.3	10.3	9.5	8.9	8.9
-33.75°	17.7	16.9	15.7	14.6	13.4	12.2	10.9	10.1	9.3	8.9	8.9
-35°	17.4	16.5	15.3	14.2	13.0	11.8	10.7	9.9	9.1	8.9	8.9
-36.25°	17.1	16.1	14.9	13.8	12.6	11.5	10.5	9.7	8.9	8.9	8.9
-37.5°	16.7	15.6	14.5	13.4	12.3	11.1	10.3	9.5	8.9	8.9	8.9
-38.75°	16.3	15.2	14.1	13.0	11.9	10.8	10.0	9.3	8.9	8.9	8.9
-40°	15.8	14.7	13.7	12.6	11.5	10.5	9.8	9.1	8.9	8.9	8.8
-41.25°	15.3	14.3	13.2	12.1	11.1	10.3	9.6	8.9	8.9	8.9	8.6
-42.5°	14.8	13.8	12.7	11.7	10.7	10.0	9.3	8.9	8.9	8.9	8.4
-43.75°	14.3	13.3	12.3	11.2	10.4	9.7	9.0	8.9	8.9	8.9	8.2
-45°	13.8	12.8	11.8	10.8	10.1	9.5	8.9	8.9	8.9	8.7	8.0
-46.25°	13.2	12.2	11.3	10.5	9.8	9.2	8.9	8.9	8.9	8.5	7.8
-47.5°	12.7	11.7	10.8	10.2	9.5	8.9	8.9	8.9	8.9	8.3	7.6
-48.75°	12.1	11.2	10.5	9.8	9.2	8.9	8.9	8.9	8.7	8.0	7.4
-50°	11.5	10.7	10.1	9.5	8.9	8.9	8.9	8.9	8.4	7.8	7.2
-51.25°	10.9	10.3	9.8	9.2	8.9	8.9	8.9	8.8	8.2	7.6	7.0
-52.5°	10.5	10.0	9.4	8.9	8.9	8.9	8.9	8.5	7.9	7.3	6.8
-53.75°	10.1	9.6	9.0	8.9	8.9	8.9	8.8	8.2	7.7	7.1	6.7
-55°	9.7	9.2	8.9	8.9	8.9	8.9	8.5	8.0	7.4	6.9	6.6
-56.25°	9.3	8.9	8.9	8.9	8.9	8.7	8.2	7.7	7.1	6.7	6.5
-57.5°	8.9	8.9	8.9	8.9	8.9	8.4	7.9	7.4	6.9	6.6	6.4
-58.75°	8.9	8.9	8.9	8.9	8.5	8.1	7.6	7.1	6.7	6.5	6.2
-60°	8.9	8.9	8.9	8.7	8.2	7.7	7.3	6.8	6.6	6.4	6.1
-61.25°	8.9	8.9	8.7	8.3	7.8	7.4	6.9	6.7	6.5	6.2	6.0
-62.5°	8.9	8.7	8.3	7.9	7.5	7.0	6.8	6.5	6.3	6.1	5.8
-63.75°	8.7	8.3	7.9	7.5	7.1	6.8	6.6	6.4	6.2	6.0	5.6
-65°	8.3	7.9	7.5	7.1	6.8	6.6	6.4	6.2	6.0	5.7	5.4
-66.25°	7.8	7.5	7.1	6.8	6.6	6.4	6.3	6.1	5.9	5.5	5.1
-67.5°	7.4	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.6	5.2	4.9
-68.75°	6.9	6.8	6.6	6.4	6.3	6.1	5.9	5.6	5.3	5.0	4.6
-70°	6.7	6.5	6.4	6.2	6.1	5.9	5.6	5.3	5.0	4.7	4.4
-71.25°	6.5	6.3	6.2	6.0	5.9	5.6	5.3	5.0	4.7	4.4	4.1
-72.5°	6.2	6.1	6.0	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.9
-73.75°	6.0	5.8	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.9	3.6
-75°	5.6	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.6	3.3
-76.25°	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.1
-77.5°	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
-80°	3.8	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.6	2.4	2.2
-81.25°	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1	2.0
-82.5°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-83.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	8.8	8.0	7.2	6.6	6.2	5.7	4.9	4.1	3.3	2.5	1.7
32.5°	8.9	8.2	7.3	6.7	6.3	5.8	5.0	4.2	3.4	2.5	1.7
31.25°	8.9	8.3	7.4	6.7	6.3	5.9	5.1	4.3	3.4	2.6	1.7
30°	8.9	8.4	7.5	6.8	6.4	5.9	5.1	4.3	3.5	2.6	1.7
28.75°	8.9	8.5	7.7	6.8	6.4	6.0	5.2	4.4	3.5	2.6	1.8
27.5°	8.9	8.6	7.8	6.9	6.4	6.0	5.3	4.4	3.5	2.7	1.8
26.25°	8.9	8.7	7.9	7.0	6.5	6.0	5.3	4.5	3.6	2.7	1.8
25°	8.9	8.9	8.0	7.0	6.5	6.1	5.4	4.5	3.6	2.7	1.8
23.75°	8.9	8.9	8.0	7.1	6.6	6.1	5.4	4.5	3.7	2.7	1.8
22.5°	8.9	8.9	8.1	7.2	6.6	6.1	5.5	4.6	3.7	2.8	1.8
21.25°	8.9	8.9	8.2	7.3	6.6	6.2	5.5	4.6	3.7	2.8	1.9
20°	8.9	8.9	8.3	7.4	6.7	6.2	5.6	4.7	3.8	2.8	1.9
18.75°	8.9	8.9	8.4	7.4	6.7	6.2	5.6	4.7	3.8	2.8	1.9
17.5°	8.9	8.9	8.4	7.5	6.7	6.2	5.6	4.7	3.8	2.9	1.9
16.25°	8.9	8.9	8.5	7.5	6.7	6.3	5.7	4.8	3.8	2.9	1.9
15°	8.9	8.9	8.6	7.6	6.8	6.3	5.7	4.8	3.9	2.9	1.9
13.75°	8.9	8.9	8.6	7.6	6.8	6.3	5.7	4.8	3.9	2.9	1.9
12.5°	8.9	8.9	8.7	7.7	6.8	6.3	5.8	4.8	3.9	2.9	2.0
11.25°	8.9	8.9	8.7	7.7	6.8	6.3	5.8	4.9	3.9	2.9	2.0
10°	8.9	8.9	8.7	7.8	6.8	6.3	5.8	4.9	3.9	3.0	2.0
8.75°	8.9	8.9	8.8	7.8	6.9	6.4	5.8	4.9	4.0	3.0	2.0
7.5°	8.9	8.9	8.8	7.8	6.9	6.4	5.9	4.9	4.0	3.0	2.0
6.25°	8.9	8.9	8.8	7.8	6.9	6.4	5.9	4.9	4.0	3.0	2.0
5°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
3.75°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
2.5°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
1.25°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
0°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	5.0	4.0	3.0	2.0
-1.25°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
-2.5°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
-3.75°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
-5°	8.9	8.9	8.9	7.9	6.9	6.4	5.9	4.9	4.0	3.0	2.0
-6.25°	8.9	8.9	8.8	7.8	6.9	6.4	5.9	4.9	4.0	3.0	2.0
-7.5°	8.9	8.9	8.8	7.8	6.9	6.4	5.9	4.9	4.0	3.0	2.0
-8.75°	8.9	8.9	8.8	7.8	6.9	6.4	5.8	4.9	4.0	3.0	2.0
-10°	8.9	8.9	8.7	7.8	6.8	6.3	5.8	4.9	3.9	3.0	2.0
-11.25°	8.9	8.9	8.7	7.7	6.8	6.3	5.8	4.9	3.9	2.9	2.0
-12.5°	8.9	8.9	8.7	7.7	6.8	6.3	5.8	4.8	3.9	2.9	2.0
-13.75°	8.9	8.9	8.6	7.6	6.8	6.3	5.7	4.8	3.9	2.9	1.9
-15°	8.9	8.9	8.6	7.6	6.8	6.3	5.7	4.8	3.9	2.9	1.9
-16.25°	8.9	8.9	8.5	7.5	6.7	6.3	5.7	4.8	3.8	2.9	1.9
-17.5°	8.9	8.9	8.4	7.5	6.7	6.2	5.6	4.7	3.8	2.9	1.9
-18.75°	8.9	8.9	8.4	7.4	6.7	6.2	5.6	4.7	3.8	2.8	1.9
-20°	8.9	8.9	8.3	7.4	6.7	6.2	5.6	4.7	3.8	2.8	1.9
-21.25°	8.9	8.9	8.2	7.3	6.6	6.2	5.5	4.6	3.7	2.8	1.9



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	8.9	8.9	8.1	7.2	6.6	6.1	5.5	4.6	3.7	2.8	1.8
-23.75°	8.9	8.9	8.0	7.1	6.6	6.1	5.4	4.5	3.7	2.7	1.8
-25°	8.9	8.9	8.0	7.0	6.5	6.1	5.4	4.5	3.6	2.7	1.8
-26.25°	8.9	8.7	7.9	7.0	6.5	6.0	5.3	4.5	3.6	2.7	1.8
-27.5°	8.9	8.6	7.8	6.9	6.4	6.0	5.3	4.4	3.5	2.7	1.8
-28.75°	8.9	8.5	7.7	6.8	6.4	6.0	5.2	4.4	3.5	2.6	1.8
-30°	8.9	8.4	7.5	6.8	6.4	5.9	5.1	4.3	3.5	2.6	1.7
-31.25°	8.9	8.3	7.4	6.7	6.3	5.9	5.1	4.3	3.4	2.6	1.7
-32.5°	8.9	8.2	7.3	6.7	6.3	5.8	5.0	4.2	3.4	2.5	1.7
-33.75°	8.8	8.0	7.2	6.6	6.2	5.7	4.9	4.1	3.3	2.5	1.7
-35°	8.7	7.9	7.1	6.6	6.2	5.6	4.9	4.1	3.3	2.5	1.6
-36.25°	8.5	7.7	6.9	6.5	6.1	5.6	4.8	4.0	3.2	2.4	1.6
-37.5°	8.4	7.6	6.9	6.5	6.1	5.5	4.7	4.0	3.2	2.4	1.6
-38.75°	8.2	7.4	6.8	6.4	6.0	5.4	4.6	3.9	3.1	2.3	1.6
-40°	8.0	7.3	6.7	6.3	6.0	5.3	4.6	3.8	3.1	2.3	1.5
-41.25°	7.9	7.1	6.6	6.3	5.9	5.2	4.5	3.8	3.0	2.3	1.5
-42.5°	7.7	7.0	6.6	6.2	5.8	5.1	4.4	3.7	2.9	2.2	1.5
-43.75°	7.5	6.9	6.5	6.1	5.7	5.0	4.3	3.6	2.9	2.2	1.4
-45°	7.3	6.8	6.4	6.1	5.6	4.9	4.2	3.5	2.8	2.1	1.4
-46.25°	7.1	6.7	6.3	6.0	5.4	4.8	4.1	3.5	2.8	2.1	1.4
-47.5°	7.0	6.6	6.3	5.9	5.3	4.7	4.0	3.4	2.7	2.0	1.4
-48.75°	6.8	6.5	6.2	5.8	5.2	4.6	3.9	3.3	2.6	2.0	1.3
-50°	6.7	6.4	6.1	5.7	5.1	4.5	3.9	3.2	2.6	1.9	1.3
-51.25°	6.6	6.3	6.0	5.5	4.9	4.4	3.7	3.1	2.5	1.9	1.3
-52.5°	6.5	6.2	5.9	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
-53.75°	6.4	6.1	5.8	5.2	4.7	4.1	3.5	3.0	2.4	1.8	1.2
-55°	6.3	6.0	5.6	5.1	4.5	4.0	3.4	2.9	2.3	1.7	1.1
-56.25°	6.2	5.9	5.4	4.9	4.4	3.9	3.3	2.8	2.2	1.7	1.1
-57.5°	6.1	5.8	5.3	4.8	4.3	3.8	3.2	2.7	2.1	1.6	1.1
-58.75°	6.0	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.0
-60°	5.9	5.4	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-61.25°	5.6	5.2	4.7	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
-62.5°	5.4	5.0	4.6	4.1	3.7	3.2	2.8	2.3	1.8	1.4	0.9
-63.75°	5.2	4.8	4.4	4.0	3.5	3.1	2.6	2.2	1.8	1.3	0.9
-65°	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.8
-66.25°	4.7	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-67.5°	4.5	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
-68.75°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-70°	4.1	3.7	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
-71.25°	3.8	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6
-72.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-73.75°	3.3	3.1	2.8	2.5	2.2	2.0	1.7	1.4	1.1	0.8	0.6
-75°	3.1	2.8	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-76.25°	2.8	2.6	2.4	2.1	1.9	1.7	1.4	1.2	0.9	0.7	0.5
-77.5°	2.6	2.4	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-80°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-81.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-82.5°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-83.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2
-85°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-86.25°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	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: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-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°	0.1	0.0
85°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.2	0.0
75°	0.3	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.3	0.0
70°	0.3	0.0
68.75°	0.4	0.0
67.5°	0.4	0.0
66.25°	0.4	0.0
65°	0.4	0.0
63.75°	0.4	0.0
62.5°	0.5	0.0
61.25°	0.5	0.0
60°	0.5	0.0
58.75°	0.5	0.0
57.5°	0.5	0.0
56.25°	0.6	0.0
55°	0.6	0.0
53.75°	0.6	0.0
52.5°	0.6	0.0
51.25°	0.6	0.0
50°	0.6	0.0
48.75°	0.7	0.0
47.5°	0.7	0.0
46.25°	0.7	0.0
45°	0.7	0.0
43.75°	0.7	0.0
42.5°	0.7	0.0
41.25°	0.8	0.0
40°	0.8	0.0
38.75°	0.8	0.0
37.5°	0.8	0.0
36.25°	0.8	0.0
35°	0.8	0.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.8	0.0
32.5°	0.8	0.0
31.25°	0.9	0.0
30°	0.9	0.0
28.75°	0.9	0.0
27.5°	0.9	0.0
26.25°	0.9	0.0
25°	0.9	0.0
23.75°	0.9	0.0
22.5°	0.9	0.0
21.25°	0.9	0.0
20°	0.9	0.0
18.75°	0.9	0.0
17.5°	1.0	0.0
16.25°	1.0	0.0
15°	1.0	0.0
13.75°	1.0	0.0
12.5°	1.0	0.0
11.25°	1.0	0.0
10°	1.0	0.0
8.75°	1.0	0.0
7.5°	1.0	0.0
6.25°	1.0	0.0
5°	1.0	0.0
3.75°	1.0	0.0
2.5°	1.0	0.0
1.25°	1.0	0.0
0°	1.0	0.0
-1.25°	1.0	0.0
-2.5°	1.0	0.0
-3.75°	1.0	0.0
-5°	1.0	0.0
-6.25°	1.0	0.0
-7.5°	1.0	0.0
-8.75°	1.0	0.0
-10°	1.0	0.0
-11.25°	1.0	0.0
-12.5°	1.0	0.0
-13.75°	1.0	0.0
-15°	1.0	0.0
-16.25°	1.0	0.0
-17.5°	1.0	0.0
-18.75°	0.9	0.0
-20°	0.9	0.0
-21.25°	0.9	0.0



REPORT NUMBER: P221151 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCW-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.9	0.0
-23.75°	0.9	0.0
-25°	0.9	0.0
-26.25°	0.9	0.0
-27.5°	0.9	0.0
-28.75°	0.9	0.0
-30°	0.9	0.0
-31.25°	0.9	0.0
-32.5°	0.8	0.0
-33.75°	0.8	0.0
-35°	0.8	0.0
-36.25°	0.8	0.0
-37.5°	0.8	0.0
-38.75°	0.8	0.0
-40°	0.8	0.0
-41.25°	0.8	0.0
-42.5°	0.7	0.0
-43.75°	0.7	0.0
-45°	0.7	0.0
-46.25°	0.7	0.0
-47.5°	0.7	0.0
-48.75°	0.7	0.0
-50°	0.6	0.0
-51.25°	0.6	0.0
-52.5°	0.6	0.0
-53.75°	0.6	0.0
-55°	0.6	0.0
-56.25°	0.6	0.0
-57.5°	0.5	0.0
-58.75°	0.5	0.0
-60°	0.5	0.0
-61.25°	0.5	0.0
-62.5°	0.5	0.0
-63.75°	0.4	0.0
-65°	0.4	0.0
-66.25°	0.4	0.0
-67.5°	0.4	0.0
-68.75°	0.4	0.0
-70°	0.3	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)