

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: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

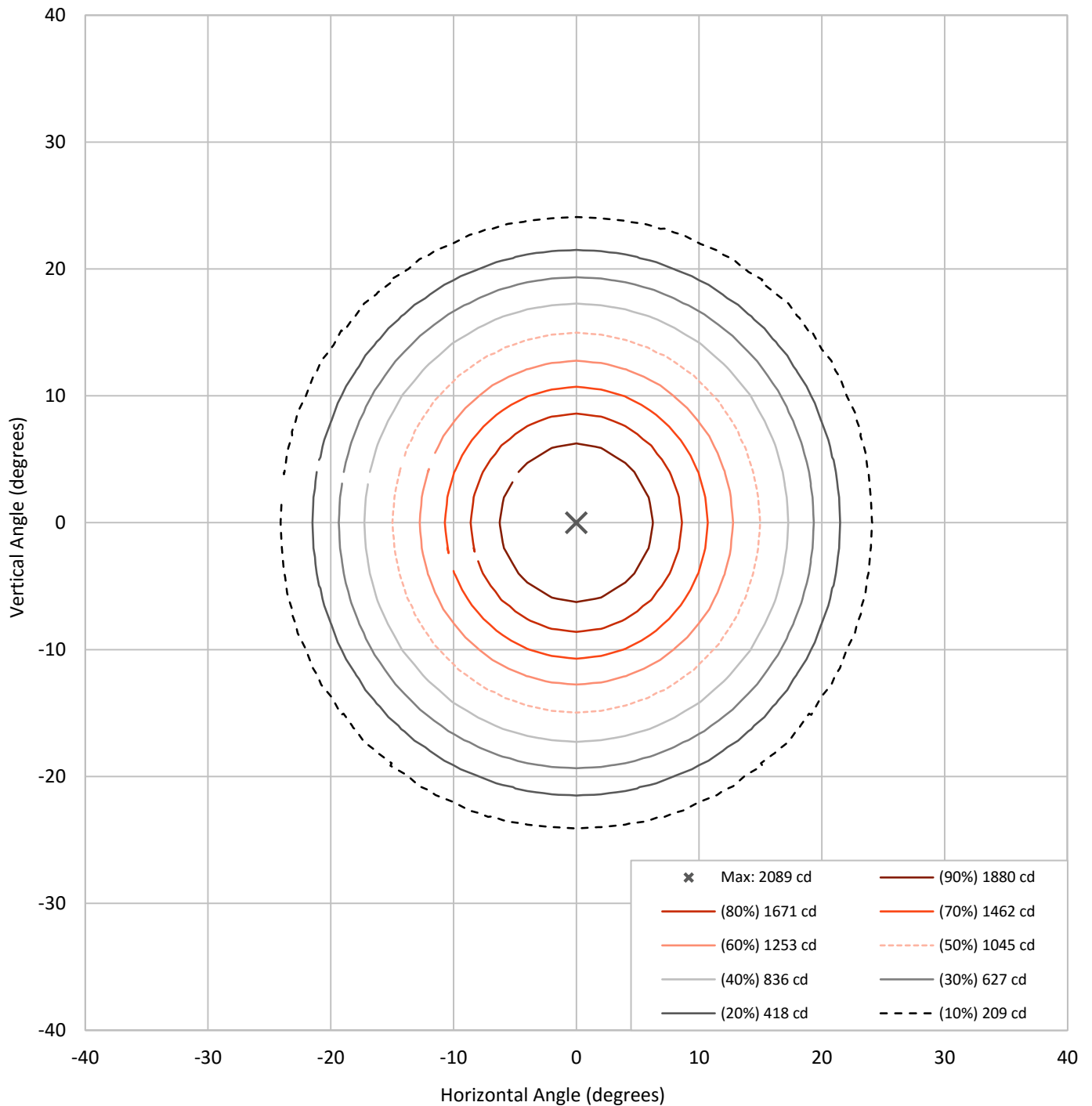
Test Method: LM-79-08
Report Number: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29551)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) COLOR CHANGING 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:	629.5 lumens	Max Intensity:	2089 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	29.9°H x 29.9°V	Field Angle (10%):	48.2°H x 48.2°V
Beam Lumens:	320.2 lumens	Field Lumens:	516.3 lumens
Beam Efficiency:	50.9%	Field Efficiency:	82.0%
Input Watts (W):	24.2		
Input Voltage (V):	120		
Input Current (A _{in}):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot



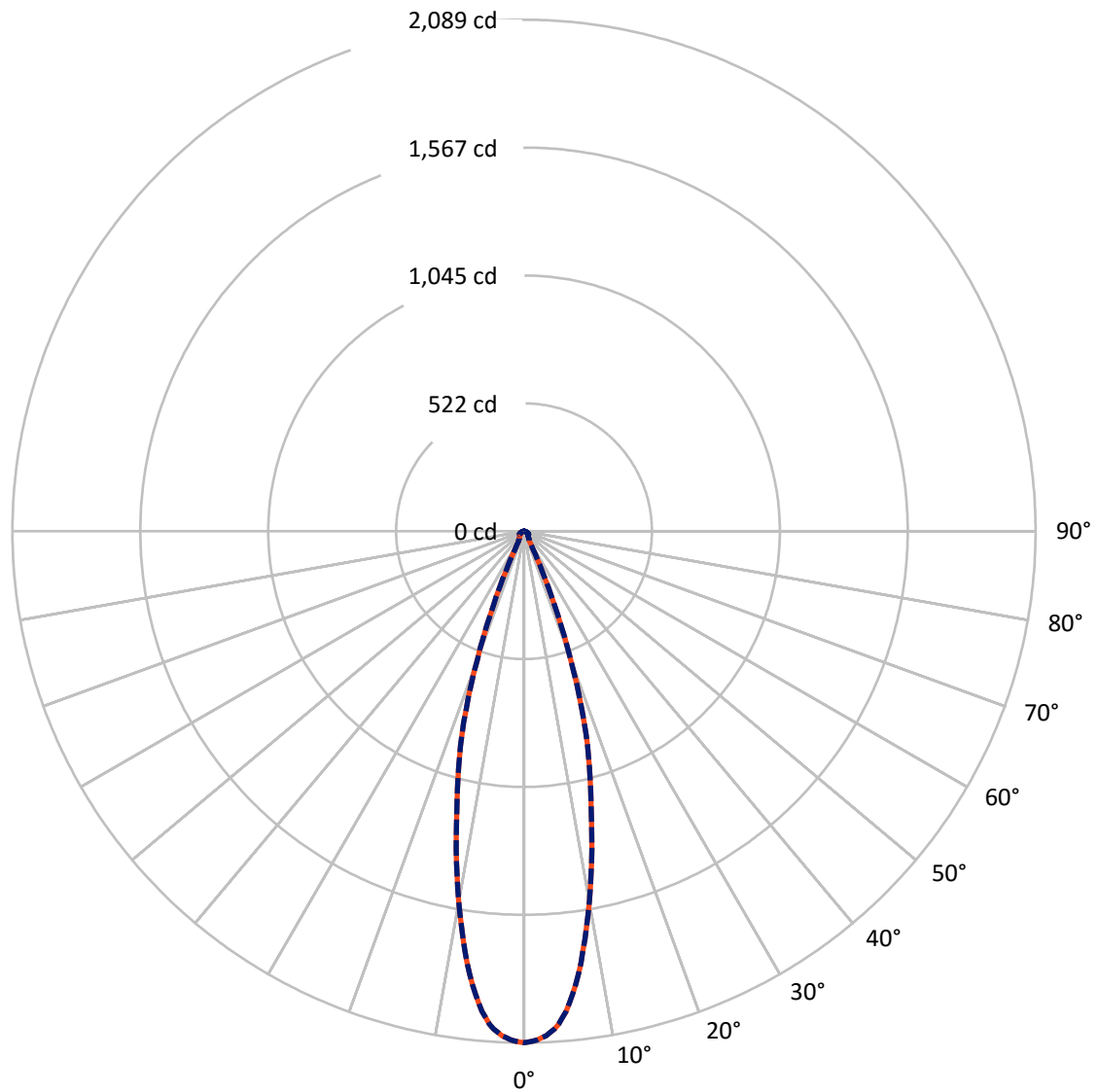
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Lumen Table

90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1				
50	0.1	0.1	0.3	0.4	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.3	0.1	0.1			
40		0.2	0.3	0.5	0.6	0.7	0.9	1.0	1.0	0.9	0.7	0.6	0.5	0.3	0.2				
30	0.1	0.2	0.4	0.5	0.6	0.9	2.1	5.3	5.3	2.1	0.9	0.6	0.5	0.4	0.2	0.1			
20		0.2	0.4	0.5	0.7	2.0	13.6	28.6	28.6	13.6	2.0	0.7	0.5	0.4	0.2				
10	0.1	0.2	0.4	0.5	0.8	4.9	27.8	52.4	52.4	27.8	4.9	0.8	0.5	0.4	0.2	0.1			
0		0.2	0.4	0.5	0.8	4.9	27.8	52.4	52.4	27.8	4.9	0.8	0.5	0.4	0.2				
-10	0.1	0.2	0.4	0.5	0.8	4.9	27.8	52.4	52.4	27.8	4.9	0.8	0.5	0.4	0.2	0.1			
-20		0.2	0.4	0.5	0.7	2.0	13.6	28.6	28.6	13.6	2.0	0.7	0.5	0.4	0.2				
-30	0.1	0.2	0.4	0.5	0.6	0.9	2.1	5.3	5.3	2.1	0.9	0.6	0.5	0.4	0.2	0.1			
-40		0.2	0.3	0.5	0.6	0.7	0.9	1.0	1.0	0.9	0.7	0.6	0.5	0.3	0.2				
-50	0.1	0.1	0.3	0.4	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.4	0.3	0.1	0.1			
-60		0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1				
-70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
-80		0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1				
-90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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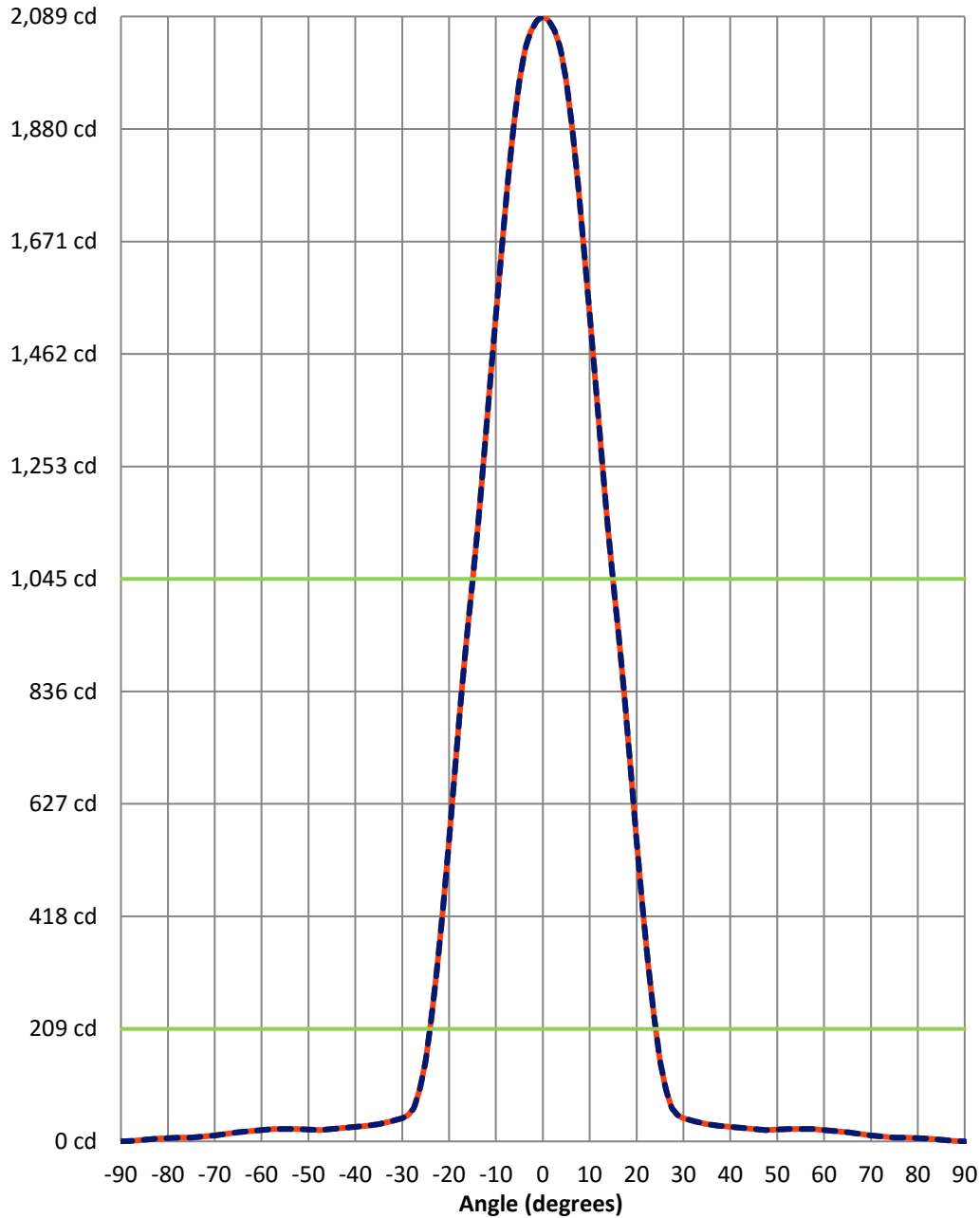
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 29.9°
 V Angle: 29.9°
 Lumens: 320.2
 Efficiency: 50.9%

Field:
 H Angle: 48.2°
 V Angle: 48.2°
 Lumens: 516.3
 Efficiency: 82.0%

Spill:
 Lumens: 113.3
 Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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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	0.4	0.8	1.5	2.3	3.2	4.0	4.8	5.3	5.7	6.1
32.5°	0.0	0.4	0.8	1.5	2.4	3.2	4.1	4.9	5.4	5.8	6.2
31.25°	0.0	0.4	0.9	1.6	2.4	3.3	4.1	5.0	5.4	5.8	6.3
30°	0.0	0.4	0.9	1.6	2.5	3.3	4.2	5.0	5.5	5.9	6.3
28.75°	0.0	0.4	0.9	1.6	2.5	3.4	4.3	5.1	5.5	5.9	6.4
27.5°	0.0	0.4	0.9	1.7	2.5	3.4	4.3	5.1	5.5	6.0	6.4
26.25°	0.0	0.4	0.9	1.7	2.6	3.5	4.4	5.1	5.6	6.0	6.5
25°	0.0	0.5	0.9	1.7	2.6	3.5	4.4	5.2	5.6	6.1	6.5
23.75°	0.0	0.5	0.9	1.7	2.7	3.6	4.5	5.2	5.7	6.1	6.6
22.5°	0.0	0.5	0.9	1.8	2.7	3.6	4.5	5.2	5.7	6.2	6.6
21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.3	5.7	6.2	6.7
20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.3	5.8	6.2	6.7
18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.3	5.8	6.3	6.7
17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.3	5.8	6.3	6.8
16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.4	5.8	6.3	6.8
15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.4	5.9	6.3	6.8
13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.4	5.9	6.4	6.9
12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.9	6.4	6.9
11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.9	6.4	6.9
10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.4	5.9	6.4	6.9
8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.5	6.0	6.4	6.9
7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.5	6.0	6.5	7.0
6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
0°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
-1.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
-2.5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
-3.75°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
-5°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
-6.25°	0.0	0.5	1.0	2.0	3.0	4.0	5.0	5.5	6.0	6.5	7.0
-7.5°	0.0	0.5	1.0	2.0	3.0	4.0	4.9	5.5	6.0	6.5	7.0
-8.75°	0.0	0.5	1.0	2.0	3.0	3.9	4.9	5.5	6.0	6.4	6.9
-10°	0.0	0.5	1.0	2.0	2.9	3.9	4.9	5.4	5.9	6.4	6.9
-11.25°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.9	6.4	6.9
-12.5°	0.0	0.5	1.0	1.9	2.9	3.9	4.9	5.4	5.9	6.4	6.9
-13.75°	0.0	0.5	1.0	1.9	2.9	3.9	4.8	5.4	5.9	6.4	6.9
-15°	0.0	0.5	1.0	1.9	2.9	3.8	4.8	5.4	5.9	6.3	6.8
-16.25°	0.0	0.5	1.0	1.9	2.8	3.8	4.8	5.4	5.8	6.3	6.8
-17.5°	0.0	0.5	1.0	1.9	2.8	3.8	4.7	5.3	5.8	6.3	6.8
-18.75°	0.0	0.5	0.9	1.8	2.8	3.7	4.7	5.3	5.8	6.3	6.7
-20°	0.0	0.5	0.9	1.8	2.8	3.7	4.6	5.3	5.8	6.2	6.7
-21.25°	0.0	0.5	0.9	1.8	2.7	3.7	4.6	5.3	5.7	6.2	6.7



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4
76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8
75°	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.3
73.75°	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7
72.5°	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.8	5.1
71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.1	5.3
70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.3	5.5
68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.2	5.4	5.5	5.7
67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.2	5.4	5.5	5.7	5.9
66.25°	3.4	3.8	4.2	4.6	5.0	5.2	5.4	5.5	5.7	5.9	6.1
65°	3.6	4.0	4.4	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.3
63.75°	3.8	4.3	4.7	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
62.5°	4.0	4.5	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.7
61.25°	4.3	4.7	5.1	5.3	5.6	5.8	6.0	6.2	6.5	6.7	6.9
60°	4.5	4.9	5.2	5.5	5.7	5.9	6.2	6.4	6.6	6.9	7.0
58.75°	4.7	5.1	5.3	5.6	5.8	6.1	6.3	6.6	6.8	7.0	7.0
57.5°	4.9	5.2	5.5	5.7	6.0	6.2	6.5	6.7	7.0	7.0	7.0
56.25°	5.0	5.3	5.6	5.8	6.1	6.4	6.6	6.9	7.0	7.0	7.0
55°	5.1	5.4	5.7	6.0	6.2	6.5	6.8	7.0	7.0	7.0	7.0
53.75°	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.0	7.0	7.0	7.1
52.5°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.0	7.0	7.0	7.5
51.25°	5.4	5.7	6.0	6.3	6.6	6.9	7.0	7.0	7.0	7.3	7.9
50°	5.5	5.8	6.1	6.5	6.8	7.0	7.0	7.0	7.0	7.6	8.2
48.75°	5.6	5.9	6.3	6.6	6.9	7.0	7.0	7.0	7.3	7.9	8.6
47.5°	5.7	6.0	6.4	6.7	7.0	7.0	7.0	7.0	7.6	8.3	8.9
46.25°	5.8	6.1	6.5	6.8	7.0	7.0	7.0	7.3	7.9	8.6	9.2
45°	5.9	6.2	6.6	6.9	7.0	7.0	7.0	7.6	8.2	8.9	9.6
43.75°	6.0	6.3	6.7	7.0	7.0	7.0	7.1	7.8	8.5	9.2	9.9
42.5°	6.0	6.4	6.8	7.0	7.0	7.0	7.4	8.1	8.8	9.5	10.2
41.25°	6.1	6.5	6.9	7.0	7.0	7.0	7.7	8.4	9.1	9.8	10.5
40°	6.2	6.6	7.0	7.0	7.0	7.2	7.9	8.6	9.4	10.1	10.8
38.75°	6.3	6.7	7.0	7.0	7.0	7.4	8.1	8.9	9.6	10.4	11.2
37.5°	6.3	6.7	7.0	7.0	7.0	7.6	8.4	9.1	9.9	10.7	11.7
36.25°	6.4	6.8	7.0	7.0	7.0	7.8	8.6	9.4	10.2	10.9	12.1
35°	6.5	6.9	7.0	7.0	7.2	8.0	8.8	9.6	10.4	11.3	12.5



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	6.6	7.0	7.0	7.0	7.4	8.2	9.0	9.8	10.7	11.7	12.9
32.5°	6.6	7.0	7.0	7.0	7.6	8.4	9.2	10.1	10.9	12.1	13.3
31.25°	6.7	7.0	7.0	7.0	7.8	8.6	9.4	10.3	11.2	12.4	13.7
30°	6.8	7.0	7.0	7.1	7.9	8.8	9.6	10.5	11.5	12.8	14.0
28.75°	6.8	7.0	7.0	7.2	8.1	9.0	9.8	10.7	11.8	13.1	14.4
27.5°	6.9	7.0	7.0	7.4	8.3	9.1	10.0	10.9	12.1	13.4	14.7
26.25°	6.9	7.0	7.0	7.5	8.4	9.3	10.2	11.1	12.4	13.7	15.0
25°	7.0	7.0	7.0	7.7	8.5	9.4	10.3	11.4	12.7	14.0	15.4
23.75°	7.0	7.0	7.0	7.8	8.7	9.6	10.5	11.6	13.0	14.3	15.7
22.5°	7.0	7.0	7.0	7.9	8.8	9.7	10.7	11.8	13.2	14.6	15.9
21.25°	7.0	7.0	7.1	8.0	8.9	9.9	10.8	12.1	13.5	14.8	16.2
20°	7.0	7.0	7.2	8.1	9.1	10.0	10.9	12.3	13.7	15.1	16.5
18.75°	7.0	7.0	7.3	8.2	9.2	10.1	11.1	12.5	13.9	15.3	16.7
17.5°	7.0	7.0	7.4	8.3	9.3	10.2	11.3	12.7	14.1	15.5	16.9
16.25°	7.0	7.0	7.5	8.4	9.4	10.3	11.4	12.9	14.3	15.7	17.1
15°	7.0	7.0	7.5	8.5	9.5	10.4	11.6	13.0	14.5	15.9	17.2
13.75°	7.0	7.0	7.6	8.6	9.6	10.5	11.7	13.2	14.6	16.1	17.4
12.5°	7.0	7.0	7.7	8.7	9.6	10.6	11.9	13.3	14.8	16.2	17.5
11.25°	7.0	7.0	7.7	8.7	9.7	10.7	12.0	13.5	14.9	16.4	17.6
10°	7.0	7.0	7.8	8.8	9.8	10.7	12.1	13.6	15.0	16.5	17.7
8.75°	7.0	7.0	7.8	8.8	9.8	10.8	12.2	13.7	15.1	16.6	17.7
7.5°	7.0	7.0	7.9	8.9	9.9	10.9	12.3	13.8	15.2	16.7	17.8
6.25°	7.0	7.0	7.9	8.9	9.9	10.9	12.3	13.8	15.3	16.8	17.9
5°	7.0	7.0	7.9	8.9	9.9	10.9	12.4	13.9	15.4	16.9	17.9
3.75°	7.0	7.0	8.0	9.0	10.0	11.0	12.4	13.9	15.4	16.9	18.0
2.5°	7.0	7.0	8.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0
1.25°	7.0	7.0	8.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0
0°	7.0	7.0	8.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0
-1.25°	7.0	7.0	8.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0
-2.5°	7.0	7.0	8.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0
-3.75°	7.0	7.0	8.0	9.0	10.0	11.0	12.4	13.9	15.4	16.9	18.0
-5°	7.0	7.0	7.9	8.9	9.9	10.9	12.4	13.9	15.4	16.9	17.9
-6.25°	7.0	7.0	7.9	8.9	9.9	10.9	12.3	13.8	15.3	16.8	17.9
-7.5°	7.0	7.0	7.9	8.9	9.9	10.9	12.3	13.8	15.2	16.7	17.8
-8.75°	7.0	7.0	7.8	8.8	9.8	10.8	12.2	13.7	15.1	16.6	17.7
-10°	7.0	7.0	7.8	8.8	9.8	10.7	12.1	13.6	15.0	16.5	17.7
-11.25°	7.0	7.0	7.7	8.7	9.7	10.7	12.0	13.5	14.9	16.4	17.6
-12.5°	7.0	7.0	7.7	8.7	9.6	10.6	11.9	13.3	14.8	16.2	17.5
-13.75°	7.0	7.0	7.6	8.6	9.6	10.5	11.7	13.2	14.6	16.1	17.4
-15°	7.0	7.0	7.5	8.5	9.5	10.4	11.6	13.0	14.5	15.9	17.2
-16.25°	7.0	7.0	7.5	8.4	9.4	10.3	11.4	12.9	14.3	15.7	17.1
-17.5°	7.0	7.0	7.4	8.3	9.3	10.2	11.3	12.7	14.1	15.5	16.9
-18.75°	7.0	7.0	7.3	8.2	9.2	10.1	11.1	12.5	13.9	15.3	16.7
-20°	7.0	7.0	7.2	8.1	9.1	10.0	10.9	12.3	13.7	15.1	16.5
-21.25°	7.0	7.0	7.1	8.0	8.9	9.9	10.8	12.1	13.5	14.8	16.2



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	7.0	7.0	7.0	7.9	8.8	9.7	10.7	11.8	13.2	14.6	15.9
-23.75°	7.0	7.0	7.0	7.8	8.7	9.6	10.5	11.6	13.0	14.3	15.7
-25°	7.0	7.0	7.0	7.7	8.5	9.4	10.3	11.4	12.7	14.0	15.4
-26.25°	6.9	7.0	7.0	7.5	8.4	9.3	10.2	11.1	12.4	13.7	15.0
-27.5°	6.9	7.0	7.0	7.4	8.3	9.1	10.0	10.9	12.1	13.4	14.7
-28.75°	6.8	7.0	7.0	7.2	8.1	9.0	9.8	10.7	11.8	13.1	14.4
-30°	6.8	7.0	7.0	7.1	7.9	8.8	9.6	10.5	11.5	12.8	14.0
-31.25°	6.7	7.0	7.0	7.0	7.8	8.6	9.4	10.3	11.2	12.4	13.7
-32.5°	6.6	7.0	7.0	7.0	7.6	8.4	9.2	10.1	10.9	12.1	13.3
-33.75°	6.6	7.0	7.0	7.0	7.4	8.2	9.0	9.8	10.7	11.7	12.9
-35°	6.5	6.9	7.0	7.0	7.2	8.0	8.8	9.6	10.4	11.3	12.5
-36.25°	6.4	6.8	7.0	7.0	7.0	7.8	8.6	9.4	10.2	10.9	12.1
-37.5°	6.3	6.7	7.0	7.0	7.0	7.6	8.4	9.1	9.9	10.7	11.7
-38.75°	6.3	6.7	7.0	7.0	7.0	7.4	8.1	8.9	9.6	10.4	11.2
-40°	6.2	6.6	7.0	7.0	7.0	7.2	7.9	8.6	9.4	10.1	10.8
-41.25°	6.1	6.5	6.9	7.0	7.0	7.0	7.7	8.4	9.1	9.8	10.5
-42.5°	6.0	6.4	6.8	7.0	7.0	7.0	7.4	8.1	8.8	9.5	10.2
-43.75°	6.0	6.3	6.7	7.0	7.0	7.0	7.1	7.8	8.5	9.2	9.9
-45°	5.9	6.2	6.6	6.9	7.0	7.0	7.0	7.6	8.2	8.9	9.6
-46.25°	5.8	6.1	6.5	6.8	7.0	7.0	7.0	7.3	7.9	8.6	9.2
-47.5°	5.7	6.0	6.4	6.7	7.0	7.0	7.0	7.0	7.6	8.3	8.9
-48.75°	5.6	5.9	6.3	6.6	6.9	7.0	7.0	7.0	7.3	7.9	8.6
-50°	5.5	5.8	6.1	6.5	6.8	7.0	7.0	7.0	7.0	7.6	8.2
-51.25°	5.4	5.7	6.0	6.3	6.6	6.9	7.0	7.0	7.0	7.3	7.9
-52.5°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.0	7.0	7.0	7.5
-53.75°	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.0	7.0	7.0	7.1
-55°	5.1	5.4	5.7	6.0	6.2	6.5	6.8	7.0	7.0	7.0	7.0
-56.25°	5.0	5.3	5.6	5.8	6.1	6.4	6.6	6.9	7.0	7.0	7.0
-57.5°	4.9	5.2	5.5	5.7	6.0	6.2	6.5	6.7	7.0	7.0	7.0
-58.75°	4.7	5.1	5.3	5.6	5.8	6.1	6.3	6.6	6.8	7.0	7.0
-60°	4.5	4.9	5.2	5.5	5.7	5.9	6.2	6.4	6.6	6.9	7.0
-61.25°	4.3	4.7	5.1	5.3	5.6	5.8	6.0	6.2	6.5	6.7	6.9
-62.5°	4.0	4.5	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.7
-63.75°	3.8	4.3	4.7	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
-65°	3.6	4.0	4.4	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.3
-66.25°	3.4	3.8	4.2	4.6	5.0	5.2	5.4	5.5	5.7	5.9	6.1
-67.5°	3.2	3.5	3.9	4.3	4.7	5.0	5.2	5.4	5.5	5.7	5.9
-68.75°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.2	5.4	5.5	5.7
-70°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.2	5.3	5.5
-71.25°	2.5	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.1	5.3
-72.5°	2.3	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.8	5.1
-73.75°	2.1	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7
-75°	1.8	2.1	2.3	2.6	2.8	3.1	3.3	3.5	3.8	4.0	4.3
-76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	3.6	3.8
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
-80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
-81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
-82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
-83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
-85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3	3.4	3.5
80°	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
78.75°	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8
77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.1	5.2
76.25°	4.0	4.3	4.5	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5
75°	4.5	4.7	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
73.75°	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1
72.5°	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5
71.25°	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.8
70°	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0
68.75°	5.9	6.0	6.2	6.3	6.5	6.6	6.8	7.0	7.0	7.0	7.0
67.5°	6.1	6.2	6.4	6.6	6.7	6.9	7.0	7.0	7.0	7.0	7.0
66.25°	6.3	6.5	6.6	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0
65°	6.5	6.7	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.6
63.75°	6.7	6.9	7.0	7.0	7.0	7.0	7.0	7.1	7.5	7.9	8.2
62.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.3	7.7	8.1	8.4	8.8
61.25°	7.0	7.0	7.0	7.0	7.0	7.4	7.8	8.2	8.6	9.0	9.4
60°	7.0	7.0	7.0	7.0	7.5	7.9	8.3	8.8	9.2	9.6	10.0
58.75°	7.0	7.0	7.0	7.5	7.9	8.4	8.8	9.3	9.7	10.2	10.6
57.5°	7.0	7.0	7.5	7.9	8.4	8.9	9.4	9.8	10.3	10.7	11.2
56.25°	7.0	7.4	7.9	8.4	8.9	9.4	9.9	10.3	10.8	11.4	12.1
55°	7.3	7.8	8.3	8.8	9.4	9.9	10.4	10.9	11.5	12.2	13.0
53.75°	7.7	8.2	8.8	9.3	9.8	10.3	10.9	11.6	12.3	13.1	13.8
52.5°	8.1	8.6	9.2	9.7	10.3	10.8	11.5	12.3	13.1	13.9	14.6
51.25°	8.4	9.0	9.6	10.2	10.7	11.4	12.2	13.1	13.9	14.7	15.5
50°	8.8	9.4	10.0	10.6	11.2	12.1	13.0	13.8	14.6	15.5	16.3
48.75°	9.2	9.8	10.4	11.0	11.9	12.8	13.7	14.5	15.4	16.2	17.1
47.5°	9.5	10.2	10.8	11.6	12.5	13.5	14.4	15.3	16.1	17.0	17.6
46.25°	9.9	10.5	11.3	12.2	13.2	14.1	15.0	16.0	16.9	17.5	18.1
45°	10.2	10.9	11.8	12.8	13.8	14.8	15.7	16.7	17.4	18.0	18.6
43.75°	10.6	11.4	12.4	13.4	14.4	15.4	16.4	17.2	17.9	18.5	19.1
42.5°	10.9	11.9	13.0	14.0	15.0	16.0	17.0	17.7	18.3	19.0	19.6
41.25°	11.4	12.4	13.5	14.5	15.6	16.6	17.4	18.1	18.8	19.5	20.1
40°	11.9	12.9	14.0	15.1	16.2	17.2	17.9	18.5	19.2	19.9	20.6
38.75°	12.3	13.4	14.5	15.6	16.7	17.5	18.3	19.0	19.7	20.4	21.1
37.5°	12.8	13.9	15.0	16.2	17.2	17.9	18.7	19.4	20.1	20.8	21.5
36.25°	13.2	14.4	15.5	16.7	17.5	18.3	19.0	19.8	20.5	21.3	22.0
35°	13.7	14.8	16.0	17.1	17.9	18.7	19.4	20.2	20.9	21.7	22.4



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	14.1	15.3	16.5	17.4	18.2	19.0	19.8	20.6	21.3	22.1	22.8
32.5°	14.5	15.7	16.9	17.8	18.6	19.4	20.1	20.9	21.7	22.5	23.0
31.25°	14.9	16.1	17.2	18.1	18.9	19.7	20.5	21.3	22.1	22.9	23.0
30°	15.3	16.5	17.5	18.4	19.2	20.0	20.8	21.6	22.5	23.0	23.0
28.75°	15.7	16.9	17.8	18.6	19.5	20.3	21.2	22.0	22.8	23.0	23.0
27.5°	16.0	17.2	18.1	18.9	19.8	20.6	21.5	22.3	23.0	23.0	23.0
26.25°	16.4	17.4	18.3	19.2	20.0	20.9	21.8	22.6	23.0	23.0	23.0
25°	16.7	17.7	18.6	19.4	20.3	21.2	22.1	22.9	23.0	23.0	23.0
23.75°	17.0	17.9	18.8	19.7	20.6	21.5	22.3	23.0	23.0	23.0	23.0
22.5°	17.2	18.1	19.0	19.9	20.8	21.7	22.6	23.0	23.0	23.0	23.0
21.25°	17.4	18.3	19.2	20.1	21.0	21.9	22.9	23.0	23.0	23.0	23.0
20°	17.6	18.5	19.4	20.3	21.3	22.2	23.0	23.0	23.0	23.0	23.0
18.75°	17.7	18.7	19.6	20.5	21.5	22.4	23.0	23.0	23.0	23.0	23.0
17.5°	17.9	18.8	19.8	20.7	21.7	22.6	23.0	23.0	23.0	23.0	22.9
16.25°	18.1	19.0	19.9	20.9	21.8	22.8	23.0	23.0	23.0	23.0	22.8
15°	18.2	19.1	20.1	21.1	22.0	23.0	23.0	23.0	23.0	23.0	22.6
13.75°	18.3	19.3	20.2	21.2	22.2	23.0	23.0	23.0	23.0	23.0	22.5
12.5°	18.4	19.4	20.4	21.3	22.3	23.0	23.0	23.0	23.0	22.9	22.5
11.25°	18.5	19.5	20.5	21.5	22.4	23.0	23.0	23.0	23.0	22.9	22.4
10°	18.6	19.6	20.6	21.6	22.6	23.0	23.0	23.0	23.0	22.8	22.3
8.75°	18.7	19.7	20.7	21.7	22.7	23.0	23.0	23.0	23.0	22.7	22.2
7.5°	18.8	19.8	20.8	21.8	22.8	23.0	23.0	23.0	23.0	22.7	22.2
6.25°	18.9	19.9	20.8	21.8	22.8	23.0	23.0	23.0	23.0	22.6	22.1
5°	18.9	19.9	20.9	21.9	22.9	23.0	23.0	23.0	23.0	22.6	22.1
3.75°	18.9	19.9	20.9	21.9	22.9	23.0	23.0	23.0	23.0	22.5	22.0
2.5°	19.0	20.0	21.0	22.0	23.0	23.0	23.0	23.0	23.0	22.5	22.0
1.25°	19.0	20.0	21.0	22.0	23.0	23.0	23.0	23.0	23.0	22.5	22.0
0°	19.0	20.0	21.0	22.0	23.0	23.0	23.0	23.0	23.0	22.5	22.0
-1.25°	19.0	20.0	21.0	22.0	23.0	23.0	23.0	23.0	23.0	22.5	22.0
-2.5°	19.0	20.0	21.0	22.0	23.0	23.0	23.0	23.0	23.0	22.5	22.0
-3.75°	18.9	19.9	20.9	21.9	22.9	23.0	23.0	23.0	23.0	22.5	22.0
-5°	18.9	19.9	20.9	21.9	22.9	23.0	23.0	23.0	23.0	22.6	22.1
-6.25°	18.9	19.9	20.8	21.8	22.8	23.0	23.0	23.0	23.0	22.6	22.1
-7.5°	18.8	19.8	20.8	21.8	22.8	23.0	23.0	23.0	23.0	22.7	22.2
-8.75°	18.7	19.7	20.7	21.7	22.7	23.0	23.0	23.0	23.0	22.7	22.2
-10°	18.6	19.6	20.6	21.6	22.6	23.0	23.0	23.0	23.0	22.8	22.3
-11.25°	18.5	19.5	20.5	21.5	22.4	23.0	23.0	23.0	23.0	22.9	22.4
-12.5°	18.4	19.4	20.4	21.3	22.3	23.0	23.0	23.0	23.0	22.9	22.5
-13.75°	18.3	19.3	20.2	21.2	22.2	23.0	23.0	23.0	23.0	23.0	22.5
-15°	18.2	19.1	20.1	21.1	22.0	23.0	23.0	23.0	23.0	23.0	22.6
-16.25°	18.1	19.0	19.9	20.9	21.8	22.8	23.0	23.0	23.0	23.0	22.8
-17.5°	17.9	18.8	19.8	20.7	21.7	22.6	23.0	23.0	23.0	23.0	22.9
-18.75°	17.7	18.7	19.6	20.5	21.5	22.4	23.0	23.0	23.0	23.0	23.0
-20°	17.6	18.5	19.4	20.3	21.3	22.2	23.0	23.0	23.0	23.0	23.0
-21.25°	17.4	18.3	19.2	20.1	21.0	21.9	22.9	23.0	23.0	23.0	23.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	17.2	18.1	19.0	19.9	20.8	21.7	22.6	23.0	23.0	23.0	23.0
-23.75°	17.0	17.9	18.8	19.7	20.6	21.5	22.3	23.0	23.0	23.0	23.0
-25°	16.7	17.7	18.6	19.4	20.3	21.2	22.1	22.9	23.0	23.0	23.0
-26.25°	16.4	17.4	18.3	19.2	20.0	20.9	21.8	22.6	23.0	23.0	23.0
-27.5°	16.0	17.2	18.1	18.9	19.8	20.6	21.5	22.3	23.0	23.0	23.0
-28.75°	15.7	16.9	17.8	18.6	19.5	20.3	21.2	22.0	22.8	23.0	23.0
-30°	15.3	16.5	17.5	18.4	19.2	20.0	20.8	21.6	22.5	23.0	23.0
-31.25°	14.9	16.1	17.2	18.1	18.9	19.7	20.5	21.3	22.1	22.9	23.0
-32.5°	14.5	15.7	16.9	17.8	18.6	19.4	20.1	20.9	21.7	22.5	23.0
-33.75°	14.1	15.3	16.5	17.4	18.2	19.0	19.8	20.6	21.3	22.1	22.8
-35°	13.7	14.8	16.0	17.1	17.9	18.7	19.4	20.2	20.9	21.7	22.4
-36.25°	13.2	14.4	15.5	16.7	17.5	18.3	19.0	19.8	20.5	21.3	22.0
-37.5°	12.8	13.9	15.0	16.2	17.2	17.9	18.7	19.4	20.1	20.8	21.5
-38.75°	12.3	13.4	14.5	15.6	16.7	17.5	18.3	19.0	19.7	20.4	21.1
-40°	11.9	12.9	14.0	15.1	16.2	17.2	17.9	18.5	19.2	19.9	20.6
-41.25°	11.4	12.4	13.5	14.5	15.6	16.6	17.4	18.1	18.8	19.5	20.1
-42.5°	10.9	11.9	13.0	14.0	15.0	16.0	17.0	17.7	18.3	19.0	19.6
-43.75°	10.6	11.4	12.4	13.4	14.4	15.4	16.4	17.2	17.9	18.5	19.1
-45°	10.2	10.9	11.8	12.8	13.8	14.8	15.7	16.7	17.4	18.0	18.6
-46.25°	9.9	10.5	11.3	12.2	13.2	14.1	15.0	16.0	16.9	17.5	18.1
-47.5°	9.5	10.2	10.8	11.6	12.5	13.5	14.4	15.3	16.1	17.0	17.6
-48.75°	9.2	9.8	10.4	11.0	11.9	12.8	13.7	14.5	15.4	16.2	17.1
-50°	8.8	9.4	10.0	10.6	11.2	12.1	13.0	13.8	14.6	15.5	16.3
-51.25°	8.4	9.0	9.6	10.2	10.7	11.4	12.2	13.1	13.9	14.7	15.5
-52.5°	8.1	8.6	9.2	9.7	10.3	10.8	11.5	12.3	13.1	13.9	14.6
-53.75°	7.7	8.2	8.8	9.3	9.8	10.3	10.9	11.6	12.3	13.1	13.8
-55°	7.3	7.8	8.3	8.8	9.4	9.9	10.4	10.9	11.5	12.2	13.0
-56.25°	7.0	7.4	7.9	8.4	8.9	9.4	9.9	10.3	10.8	11.4	12.1
-57.5°	7.0	7.0	7.5	7.9	8.4	8.9	9.4	9.8	10.3	10.7	11.2
-58.75°	7.0	7.0	7.0	7.5	7.9	8.4	8.8	9.3	9.7	10.2	10.6
-60°	7.0	7.0	7.0	7.0	7.5	7.9	8.3	8.8	9.2	9.6	10.0
-61.25°	7.0	7.0	7.0	7.0	7.0	7.4	7.8	8.2	8.6	9.0	9.4
-62.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.3	7.7	8.1	8.4	8.8
-63.75°	6.7	6.9	7.0	7.0	7.0	7.0	7.0	7.1	7.5	7.9	8.2
-65°	6.5	6.7	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.3	7.6
-66.25°	6.3	6.5	6.6	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-67.5°	6.1	6.2	6.4	6.6	6.7	6.9	7.0	7.0	7.0	7.0	7.0
-68.75°	5.9	6.0	6.2	6.3	6.5	6.6	6.8	7.0	7.0	7.0	7.0
-70°	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0
-71.25°	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.8
-72.5°	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5
-73.75°	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1
-75°	4.5	4.7	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
-76.25°	4.0	4.3	4.5	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-77.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.1	5.2



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
82.5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
81.25°	3.6	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6
80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.1	5.2	5.2
78.75°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6
77.5°	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8	5.9	6.0	6.0
76.25°	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.3	6.3	6.4
75°	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8
73.75°	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0	7.0
72.5°	6.6	6.7	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0
71.25°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
70°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.4	7.6	7.8
68.75°	7.0	7.0	7.0	7.0	7.1	7.4	7.7	7.9	8.1	8.4	8.6
67.5°	7.0	7.0	7.3	7.6	7.8	8.1	8.4	8.6	8.9	9.1	9.4
66.25°	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.6	9.9	10.2
65°	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	10.9
63.75°	8.6	8.9	9.2	9.6	9.9	10.2	10.5	10.8	11.2	11.7	12.1
62.5°	9.2	9.5	9.9	10.2	10.6	10.9	11.4	11.9	12.3	12.8	13.2
61.25°	9.8	10.2	10.5	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4
60°	10.4	10.8	11.3	11.8	12.4	13.0	13.5	14.0	14.5	15.0	15.5
58.75°	11.0	11.6	12.2	12.8	13.4	14.0	14.5	15.1	15.6	16.2	16.7
57.5°	11.9	12.5	13.2	13.8	14.4	15.0	15.6	16.2	16.7	17.2	17.5
56.25°	12.8	13.5	14.1	14.8	15.4	16.0	16.6	17.2	17.5	17.9	18.3
55°	13.7	14.4	15.0	15.7	16.4	17.0	17.4	17.9	18.3	18.7	19.0
53.75°	14.5	15.3	16.0	16.7	17.2	17.7	18.1	18.5	19.0	19.4	19.8
52.5°	15.4	16.1	16.9	17.4	17.9	18.3	18.8	19.2	19.7	20.1	20.5
51.25°	16.2	17.0	17.5	18.0	18.5	19.0	19.5	19.9	20.4	20.8	21.3
50°	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	21.1	21.5	22.0
48.75°	17.6	18.2	18.7	19.2	19.8	20.3	20.8	21.3	21.8	22.2	22.7
47.5°	18.2	18.7	19.3	19.8	20.4	20.9	21.4	21.9	22.4	22.9	23.0
46.25°	18.7	19.3	19.9	20.4	21.0	21.5	22.1	22.6	23.0	23.0	23.0
45°	19.2	19.8	20.4	21.0	21.6	22.1	22.7	23.0	23.0	23.0	23.0
43.75°	19.8	20.4	21.0	21.6	22.2	22.7	23.0	23.0	23.0	23.0	23.0
42.5°	20.3	20.9	21.5	22.1	22.7	23.0	23.0	23.0	23.0	23.0	23.0
41.25°	20.8	21.4	22.1	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
40°	21.3	21.9	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7
38.75°	21.8	22.4	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.4
37.5°	22.2	22.9	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.4	22.1
36.25°	22.7	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.4	22.1	21.8
35°	23.0	23.0	23.0	23.0	23.0	23.0	22.8	22.5	22.1	21.8	21.5



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	23.0	23.0	23.0	23.0	23.0	22.9	22.5	22.2	21.8	21.5	21.2
32.5°	23.0	23.0	23.0	23.0	23.0	22.6	22.3	21.9	21.5	21.2	21.3
31.25°	23.0	23.0	23.0	23.0	22.7	22.4	22.0	21.6	21.3	21.2	21.9
30°	23.0	23.0	23.0	22.9	22.5	22.1	21.7	21.4	21.0	21.7	22.4
28.75°	23.0	23.0	23.0	22.7	22.3	21.9	21.5	21.1	21.5	22.3	23.0
27.5°	23.0	23.0	22.9	22.5	22.1	21.7	21.3	21.2	22.0	22.8	23.5
26.25°	23.0	23.0	22.7	22.3	21.8	21.4	21.0	21.7	22.5	23.3	24.1
25°	23.0	22.9	22.5	22.1	21.6	21.2	21.4	22.2	23.0	23.8	24.6
23.75°	23.0	22.7	22.3	21.9	21.4	21.0	21.8	22.6	23.4	24.3	25.1
22.5°	23.0	22.6	22.1	21.7	21.3	21.3	22.2	23.0	23.9	24.7	25.5
21.25°	22.8	22.4	21.9	21.5	21.1	21.7	22.6	23.4	24.3	25.1	26.0
20°	22.7	22.2	21.8	21.3	21.2	22.1	23.0	23.8	24.7	25.6	26.4
18.75°	22.5	22.1	21.6	21.2	21.5	22.4	23.3	24.2	25.1	26.0	26.8
17.5°	22.4	22.0	21.5	21.0	21.8	22.7	23.6	24.5	25.4	26.3	27.2
16.25°	22.3	21.8	21.4	21.2	22.1	23.0	24.0	24.9	25.8	26.7	27.6
15°	22.2	21.7	21.2	21.5	22.4	23.3	24.3	25.2	26.1	27.0	27.9
13.75°	22.1	21.6	21.1	21.7	22.6	23.6	24.5	25.5	26.4	27.3	28.3
12.5°	22.0	21.5	21.0	21.9	22.9	23.8	24.8	25.7	26.7	27.6	28.5
11.25°	21.9	21.4	21.2	22.1	23.1	24.0	25.0	26.0	26.9	27.9	28.8
10°	21.8	21.3	21.3	22.3	23.3	24.2	25.2	26.2	27.1	28.1	29.1
8.75°	21.7	21.2	21.5	22.5	23.4	24.4	25.4	26.4	27.3	28.3	29.4
7.5°	21.7	21.2	21.6	22.6	23.6	24.6	25.6	26.5	27.5	28.5	29.7
6.25°	21.6	21.1	21.7	22.7	23.7	24.7	25.7	26.7	27.7	28.6	29.9
5°	21.6	21.1	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	30.1
3.75°	21.5	21.0	21.9	22.9	23.9	24.9	25.9	26.9	27.9	28.9	30.3
2.5°	21.5	21.0	22.0	23.0	24.0	25.0	26.0	26.9	27.9	28.9	30.4
1.25°	21.5	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.5
0°	21.5	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.5
-1.25°	21.5	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.5
-2.5°	21.5	21.0	22.0	23.0	24.0	25.0	26.0	26.9	27.9	28.9	30.4
-3.75°	21.5	21.0	21.9	22.9	23.9	24.9	25.9	26.9	27.9	28.9	30.3
-5°	21.6	21.1	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	30.1
-6.25°	21.6	21.1	21.7	22.7	23.7	24.7	25.7	26.7	27.7	28.6	29.9
-7.5°	21.7	21.2	21.6	22.6	23.6	24.6	25.6	26.5	27.5	28.5	29.7
-8.75°	21.7	21.2	21.5	22.5	23.4	24.4	25.4	26.4	27.3	28.3	29.4
-10°	21.8	21.3	21.3	22.3	23.3	24.2	25.2	26.2	27.1	28.1	29.1
-11.25°	21.9	21.4	21.2	22.1	23.1	24.0	25.0	26.0	26.9	27.9	28.8
-12.5°	22.0	21.5	21.0	21.9	22.9	23.8	24.8	25.7	26.7	27.6	28.5
-13.75°	22.1	21.6	21.1	21.7	22.6	23.6	24.5	25.5	26.4	27.3	28.3
-15°	22.2	21.7	21.2	21.5	22.4	23.3	24.3	25.2	26.1	27.0	27.9
-16.25°	22.3	21.8	21.4	21.2	22.1	23.0	24.0	24.9	25.8	26.7	27.6
-17.5°	22.4	22.0	21.5	21.0	21.8	22.7	23.6	24.5	25.4	26.3	27.2
-18.75°	22.5	22.1	21.6	21.2	21.5	22.4	23.3	24.2	25.1	26.0	26.8
-20°	22.7	22.2	21.8	21.3	21.2	22.1	23.0	23.8	24.7	25.6	26.4
-21.25°	22.8	22.4	21.9	21.5	21.1	21.7	22.6	23.4	24.3	25.1	26.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	23.0	22.6	22.1	21.7	21.3	21.3	22.2	23.0	23.9	24.7	25.5
-23.75°	23.0	22.7	22.3	21.9	21.4	21.0	21.8	22.6	23.4	24.3	25.1
-25°	23.0	22.9	22.5	22.1	21.6	21.2	21.4	22.2	23.0	23.8	24.6
-26.25°	23.0	23.0	22.7	22.3	21.8	21.4	21.0	21.7	22.5	23.3	24.1
-27.5°	23.0	23.0	22.9	22.5	22.1	21.7	21.3	21.2	22.0	22.8	23.5
-28.75°	23.0	23.0	23.0	22.7	22.3	21.9	21.5	21.1	21.5	22.3	23.0
-30°	23.0	23.0	23.0	22.9	22.5	22.1	21.7	21.4	21.0	21.7	22.4
-31.25°	23.0	23.0	23.0	23.0	22.7	22.4	22.0	21.6	21.3	21.2	21.9
-32.5°	23.0	23.0	23.0	23.0	23.0	22.6	22.3	21.9	21.5	21.2	21.3
-33.75°	23.0	23.0	23.0	23.0	23.0	22.9	22.5	22.2	21.8	21.5	21.2
-35°	23.0	23.0	23.0	23.0	23.0	23.0	22.8	22.5	22.1	21.8	21.5
-36.25°	22.7	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.4	22.1	21.8
-37.5°	22.2	22.9	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.4	22.1
-38.75°	21.8	22.4	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.4
-40°	21.3	21.9	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7
-41.25°	20.8	21.4	22.1	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-42.5°	20.3	20.9	21.5	22.1	22.7	23.0	23.0	23.0	23.0	23.0	23.0
-43.75°	19.8	20.4	21.0	21.6	22.2	22.7	23.0	23.0	23.0	23.0	23.0
-45°	19.2	19.8	20.4	21.0	21.6	22.1	22.7	23.0	23.0	23.0	23.0
-46.25°	18.7	19.3	19.9	20.4	21.0	21.5	22.1	22.6	23.0	23.0	23.0
-47.5°	18.2	18.7	19.3	19.8	20.4	20.9	21.4	21.9	22.4	22.9	23.0
-48.75°	17.6	18.2	18.7	19.2	19.8	20.3	20.8	21.3	21.8	22.2	22.7
-50°	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	21.1	21.5	22.0
-51.25°	16.2	17.0	17.5	18.0	18.5	19.0	19.5	19.9	20.4	20.8	21.3
-52.5°	15.4	16.1	16.9	17.4	17.9	18.3	18.8	19.2	19.7	20.1	20.5
-53.75°	14.5	15.3	16.0	16.7	17.2	17.7	18.1	18.5	19.0	19.4	19.8
-55°	13.7	14.4	15.0	15.7	16.4	17.0	17.4	17.9	18.3	18.7	19.0
-56.25°	12.8	13.5	14.1	14.8	15.4	16.0	16.6	17.2	17.5	17.9	18.3
-57.5°	11.9	12.5	13.2	13.8	14.4	15.0	15.6	16.2	16.7	17.2	17.5
-58.75°	11.0	11.6	12.2	12.8	13.4	14.0	14.5	15.1	15.6	16.2	16.7
-60°	10.4	10.8	11.3	11.8	12.4	13.0	13.5	14.0	14.5	15.0	15.5
-61.25°	9.8	10.2	10.5	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4
-62.5°	9.2	9.5	9.9	10.2	10.6	10.9	11.4	11.9	12.3	12.8	13.2
-63.75°	8.6	8.9	9.2	9.6	9.9	10.2	10.5	10.8	11.2	11.7	12.1
-65°	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	10.9
-66.25°	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.6	9.9	10.2
-67.5°	7.0	7.0	7.3	7.6	7.8	8.1	8.4	8.6	8.9	9.1	9.4
-68.75°	7.0	7.0	7.0	7.0	7.1	7.4	7.7	7.9	8.1	8.4	8.6
-70°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.4	7.6	7.8
-71.25°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-72.5°	6.6	6.7	6.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-73.75°	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.0	7.0	7.0
-75°	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8
-76.25°	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.3	6.3	6.4
-77.5°	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8	5.9	6.0	6.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6
-80°	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.1	5.2	5.2
-81.25°	3.6	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.5	4.6
-82.5°	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
-85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
-86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
83.75°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
82.5°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
81.25°	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
80°	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.7	5.7
78.75°	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2
77.5°	6.1	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5	6.6	6.6
76.25°	6.5	6.6	6.6	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0
75°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
73.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
72.5°	7.0	7.0	7.0	7.0	7.1	7.2	7.4	7.5	7.7	7.8	7.9
71.25°	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.5	8.7	8.8
70°	8.0	8.2	8.4	8.6	8.8	9.0	9.1	9.3	9.4	9.6	9.7
68.75°	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.3	10.5	10.7
67.5°	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.4	11.6	11.8
66.25°	10.4	10.7	10.9	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.2
65°	11.3	11.7	12.1	12.4	12.8	13.1	13.4	13.7	14.0	14.3	14.6
63.75°	12.5	12.9	13.3	13.7	14.0	14.4	14.7	15.0	15.4	15.7	15.9
62.5°	13.7	14.1	14.5	14.9	15.3	15.7	16.0	16.4	16.7	17.0	17.2
61.25°	14.8	15.3	15.7	16.1	16.5	16.9	17.2	17.4	17.7	17.9	18.1
60°	16.0	16.5	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.8	19.0
58.75°	17.1	17.4	17.8	18.1	18.4	18.6	18.9	19.2	19.4	19.7	19.9
57.5°	17.9	18.2	18.6	18.9	19.2	19.5	19.8	20.0	20.3	20.6	20.8
56.25°	18.7	19.0	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.7
55°	19.4	19.8	20.1	20.5	20.8	21.2	21.5	21.8	22.1	22.3	22.6
53.75°	20.2	20.6	20.9	21.3	21.6	22.0	22.3	22.6	22.9	23.0	23.0
52.5°	20.9	21.3	21.7	22.1	22.5	22.8	23.0	23.0	23.0	23.0	23.0
51.25°	21.7	22.1	22.5	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0
50°	22.4	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
48.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
47.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.7	22.6
46.25°	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.7	22.5	22.3	22.1
45°	23.0	23.0	23.0	23.0	22.9	22.7	22.5	22.3	22.1	21.9	21.7
43.75°	23.0	23.0	23.0	22.7	22.5	22.3	22.1	21.8	21.6	21.4	21.3
42.5°	23.0	22.9	22.6	22.4	22.1	21.9	21.7	21.4	21.2	21.0	21.3
41.25°	22.8	22.5	22.3	22.0	21.7	21.5	21.3	21.0	21.4	21.8	22.2
40°	22.5	22.2	21.9	21.6	21.4	21.1	21.2	21.7	22.2	22.6	23.0
38.75°	22.1	21.8	21.5	21.3	21.0	21.5	22.0	22.5	23.0	23.4	23.9
37.5°	21.8	21.5	21.2	21.2	21.7	22.3	22.8	23.3	23.8	24.3	24.7
36.25°	21.5	21.2	21.3	21.9	22.4	23.0	23.5	24.1	24.6	25.1	25.5
35°	21.1	21.3	22.0	22.6	23.1	23.7	24.3	24.8	25.3	25.9	26.3



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	21.3	22.0	22.6	23.2	23.8	24.4	25.0	25.6	26.1	26.6	27.2
32.5°	22.0	22.6	23.3	23.9	24.5	25.1	25.7	26.3	26.9	27.4	27.9
31.25°	22.6	23.2	23.9	24.6	25.2	25.8	26.5	27.1	27.6	28.2	28.7
30°	23.1	23.8	24.5	25.2	25.9	26.5	27.2	27.8	28.4	28.9	29.8
28.75°	23.7	24.4	25.1	25.8	26.5	27.2	27.8	28.5	29.1	30.0	30.9
27.5°	24.3	25.0	25.7	26.5	27.2	27.8	28.5	29.2	30.2	31.1	32.1
26.25°	24.8	25.6	26.3	27.1	27.8	28.5	29.2	30.3	31.2	32.4	33.9
25°	25.3	26.1	26.9	27.6	28.4	29.1	30.2	31.2	32.4	34.1	35.7
23.75°	25.9	26.6	27.4	28.2	28.9	30.0	31.1	32.4	34.1	35.8	37.6
22.5°	26.3	27.2	27.9	28.7	29.8	30.9	32.1	33.9	35.7	37.6	39.6
21.25°	26.8	27.6	28.5	29.4	30.6	31.8	33.5	35.4	37.3	39.5	41.6
20°	27.3	28.1	28.9	30.1	31.4	32.9	34.9	36.9	39.1	41.4	44.0
18.75°	27.7	28.6	29.6	30.9	32.2	34.2	36.3	38.5	40.9	43.3	47.2
17.5°	28.1	29.0	30.3	31.5	33.4	35.5	37.7	40.1	42.5	46.2	51.7
16.25°	28.5	29.6	30.9	32.3	34.5	36.6	39.1	41.6	44.9	49.9	62.4
15°	28.8	30.1	31.5	33.3	35.5	37.9	40.5	43.1	47.6	55.7	77.6
13.75°	29.3	30.6	32.0	34.3	36.5	39.1	41.8	45.4	51.1	67.4	98.2
12.5°	29.7	31.1	32.9	35.2	37.5	40.3	43.0	47.7	57.4	82.6	123.3
11.25°	30.1	31.6	33.6	36.0	38.5	41.3	44.8	50.6	67.0	99.5	148.9
10°	30.5	32.0	34.3	36.7	39.5	42.3	46.5	53.7	78.2	119.8	180.0
8.75°	30.9	32.5	34.9	37.4	40.3	43.2	48.5	61.1	91.4	139.8	208.3
7.5°	31.2	33.0	35.5	38.1	41.0	44.5	50.4	67.7	103.0	159.9	236.8
6.25°	31.4	33.5	35.9	38.7	41.6	45.5	52.1	74.2	116.9	180.2	261.8
5°	31.6	33.9	36.3	39.1	42.1	46.4	54.6	82.0	128.7	197.1	282.5
3.75°	31.8	34.1	36.6	39.5	42.5	47.2	58.0	88.1	138.0	210.3	301.5
2.5°	31.9	34.3	36.8	39.8	42.8	47.9	60.5	92.5	144.6	221.1	315.3
1.25°	32.0	34.5	37.0	39.9	42.9	48.4	62.0	95.1	148.7	227.8	323.7
0°	32.0	34.5	37.0	40.0	43.0	48.5	62.5	96.0	150.0	230.0	326.5
-1.25°	32.0	34.5	37.0	39.9	42.9	48.4	62.0	95.1	148.7	227.8	323.7
-2.5°	31.9	34.3	36.8	39.8	42.8	47.9	60.5	92.5	144.6	221.1	315.3
-3.75°	31.8	34.1	36.6	39.5	42.5	47.2	58.0	88.1	138.0	210.3	301.5
-5°	31.6	33.9	36.3	39.1	42.1	46.4	54.6	82.0	128.7	197.1	282.5
-6.25°	31.4	33.5	35.9	38.7	41.6	45.5	52.1	74.2	116.9	180.2	261.8
-7.5°	31.2	33.0	35.5	38.1	41.0	44.5	50.4	67.7	103.0	159.9	236.8
-8.75°	30.9	32.5	34.9	37.4	40.3	43.2	48.5	61.1	91.4	139.8	208.3
-10°	30.5	32.0	34.3	36.7	39.5	42.3	46.5	53.7	78.2	119.8	180.0
-11.25°	30.1	31.6	33.6	36.0	38.5	41.3	44.8	50.6	67.0	99.5	148.9
-12.5°	29.7	31.1	32.9	35.2	37.5	40.3	43.0	47.7	57.4	82.6	123.3
-13.75°	29.3	30.6	32.0	34.3	36.5	39.1	41.8	45.4	51.1	67.4	98.2
-15°	28.8	30.1	31.5	33.3	35.5	37.9	40.5	43.1	47.6	55.7	77.6
-16.25°	28.5	29.6	30.9	32.3	34.5	36.6	39.1	41.6	44.9	49.9	62.4
-17.5°	28.1	29.0	30.3	31.5	33.4	35.5	37.7	40.1	42.5	46.2	51.7
-18.75°	27.7	28.6	29.6	30.9	32.2	34.2	36.3	38.5	40.9	43.3	47.2
-20°	27.3	28.1	28.9	30.1	31.4	32.9	34.9	36.9	39.1	41.4	44.0
-21.25°	26.8	27.6	28.5	29.4	30.6	31.8	33.5	35.4	37.3	39.5	41.6



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	26.3	27.2	27.9	28.7	29.8	30.9	32.1	33.9	35.7	37.6	39.6
-23.75°	25.9	26.6	27.4	28.2	28.9	30.0	31.1	32.4	34.1	35.8	37.6
-25°	25.3	26.1	26.9	27.6	28.4	29.1	30.2	31.2	32.4	34.1	35.7
-26.25°	24.8	25.6	26.3	27.1	27.8	28.5	29.2	30.3	31.2	32.4	33.9
-27.5°	24.3	25.0	25.7	26.5	27.2	27.8	28.5	29.2	30.2	31.1	32.1
-28.75°	23.7	24.4	25.1	25.8	26.5	27.2	27.8	28.5	29.1	30.0	30.9
-30°	23.1	23.8	24.5	25.2	25.9	26.5	27.2	27.8	28.4	28.9	29.8
-31.25°	22.6	23.2	23.9	24.6	25.2	25.8	26.5	27.1	27.6	28.2	28.7
-32.5°	22.0	22.6	23.3	23.9	24.5	25.1	25.7	26.3	26.9	27.4	27.9
-33.75°	21.3	22.0	22.6	23.2	23.8	24.4	25.0	25.6	26.1	26.6	27.2
-35°	21.1	21.3	22.0	22.6	23.1	23.7	24.3	24.8	25.3	25.9	26.3
-36.25°	21.5	21.2	21.3	21.9	22.4	23.0	23.5	24.1	24.6	25.1	25.5
-37.5°	21.8	21.5	21.2	21.2	21.7	22.3	22.8	23.3	23.8	24.3	24.7
-38.75°	22.1	21.8	21.5	21.3	21.0	21.5	22.0	22.5	23.0	23.4	23.9
-40°	22.5	22.2	21.9	21.6	21.4	21.1	21.2	21.7	22.2	22.6	23.0
-41.25°	22.8	22.5	22.3	22.0	21.7	21.5	21.3	21.0	21.4	21.8	22.2
-42.5°	23.0	22.9	22.6	22.4	22.1	21.9	21.7	21.4	21.2	21.0	21.3
-43.75°	23.0	23.0	23.0	22.7	22.5	22.3	22.1	21.8	21.6	21.4	21.3
-45°	23.0	23.0	23.0	23.0	22.9	22.7	22.5	22.3	22.1	21.9	21.7
-46.25°	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.7	22.5	22.3	22.1
-47.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.7	22.6
-48.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-50°	22.4	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-51.25°	21.7	22.1	22.5	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-52.5°	20.9	21.3	21.7	22.1	22.5	22.8	23.0	23.0	23.0	23.0	23.0
-53.75°	20.2	20.6	20.9	21.3	21.6	22.0	22.3	22.6	22.9	23.0	23.0
-55°	19.4	19.8	20.1	20.5	20.8	21.2	21.5	21.8	22.1	22.3	22.6
-56.25°	18.7	19.0	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.7
-57.5°	17.9	18.2	18.6	18.9	19.2	19.5	19.8	20.0	20.3	20.6	20.8
-58.75°	17.1	17.4	17.8	18.1	18.4	18.6	18.9	19.2	19.4	19.7	19.9
-60°	16.0	16.5	16.9	17.2	17.5	17.8	18.1	18.3	18.6	18.8	19.0
-61.25°	14.8	15.3	15.7	16.1	16.5	16.9	17.2	17.4	17.7	17.9	18.1
-62.5°	13.7	14.1	14.5	14.9	15.3	15.7	16.0	16.4	16.7	17.0	17.2
-63.75°	12.5	12.9	13.3	13.7	14.0	14.4	14.7	15.0	15.4	15.7	15.9
-65°	11.3	11.7	12.1	12.4	12.8	13.1	13.4	13.7	14.0	14.3	14.6
-66.25°	10.4	10.7	10.9	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.2
-67.5°	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.4	11.6	11.8
-68.75°	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.3	10.5	10.7
-70°	8.0	8.2	8.4	8.6	8.8	9.0	9.1	9.3	9.4	9.6	9.7
-71.25°	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.5	8.7	8.8
-72.5°	7.0	7.0	7.0	7.0	7.1	7.2	7.4	7.5	7.7	7.8	7.9
-73.75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-75°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-76.25°	6.5	6.6	6.6	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0
-77.5°	6.1	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5	6.6	6.6



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2
-80°	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.7	5.7
-81.25°	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
-82.5°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-83.75°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
-85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
-86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
83.75°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
82.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
81.25°	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.5
80°	5.7	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	6.0
78.75°	6.2	6.2	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4
77.5°	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9
76.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
73.75°	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8
72.5°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.7	8.8	8.8
71.25°	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.6	9.7	9.8	9.8
70°	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8
68.75°	10.8	10.9	11.1	11.3	11.4	11.6	11.7	11.9	12.0	12.1	12.2
67.5°	12.1	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.5	13.6	13.7
66.25°	13.5	13.7	13.9	14.1	14.3	14.5	14.6	14.8	14.9	15.0	15.1
65°	14.8	15.1	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5	16.6
63.75°	16.2	16.5	16.7	16.9	17.1	17.2	17.4	17.5	17.6	17.7	17.7
62.5°	17.4	17.6	17.7	17.9	18.1	18.2	18.3	18.4	18.5	18.6	18.7
61.25°	18.3	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.5	19.6	19.7
60°	19.2	19.4	19.6	19.8	19.9	20.1	20.2	20.4	20.5	20.6	20.7
58.75°	20.1	20.3	20.5	20.7	20.9	21.1	21.2	21.3	21.5	21.6	21.7
57.5°	21.0	21.3	21.5	21.7	21.8	22.0	22.2	22.3	22.4	22.6	22.7
56.25°	21.9	22.2	22.4	22.6	22.8	23.0	23.0	23.0	23.0	23.0	23.0
55°	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
53.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
51.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.9	22.8	22.7
50°	23.0	23.0	23.0	22.9	22.8	22.6	22.5	22.5	22.4	22.3	22.2
48.75°	22.8	22.7	22.5	22.4	22.3	22.2	22.1	22.0	21.9	21.8	21.7
47.5°	22.4	22.2	22.1	22.0	21.8	21.7	21.6	21.5	21.4	21.3	21.2
46.25°	21.9	21.8	21.6	21.5	21.4	21.2	21.1	21.0	21.2	21.3	21.5
45°	21.5	21.3	21.2	21.0	21.2	21.5	21.7	21.9	22.1	22.3	22.5
43.75°	21.1	21.2	21.5	21.8	22.1	22.4	22.6	22.9	23.1	23.3	23.4
42.5°	21.7	22.1	22.4	22.7	23.0	23.3	23.6	23.8	24.0	24.2	24.4
41.25°	22.6	23.0	23.3	23.6	24.0	24.3	24.5	24.8	25.0	25.2	25.4
40°	23.4	23.8	24.2	24.5	24.9	25.2	25.5	25.7	26.0	26.2	26.4
38.75°	24.3	24.7	25.1	25.4	25.8	26.1	26.4	26.7	26.9	27.1	27.3
37.5°	25.1	25.6	26.0	26.3	26.7	27.0	27.3	27.6	27.9	28.1	28.3
36.25°	26.0	26.4	26.8	27.2	27.6	27.9	28.3	28.5	28.8	29.1	29.4
35°	26.8	27.3	27.7	28.1	28.5	28.8	29.3	29.7	30.1	30.5	30.9



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	27.6	28.1	28.6	29.0	29.6	30.1	30.6	31.1	31.6	32.0	32.5
32.5°	28.5	28.9	29.6	30.3	30.9	31.5	32.0	32.9	33.6	34.3	34.9
31.25°	29.4	30.1	30.9	31.5	32.3	33.3	34.3	35.2	36.0	36.7	37.4
30°	30.6	31.4	32.2	33.4	34.5	35.5	36.5	37.5	38.5	39.5	40.3
28.75°	31.8	32.9	34.2	35.5	36.6	37.9	39.1	40.3	41.3	42.3	43.2
27.5°	33.5	34.9	36.3	37.7	39.1	40.5	41.8	43.0	44.8	46.5	48.5
26.25°	35.4	36.9	38.5	40.1	41.6	43.1	45.4	47.7	50.6	53.7	61.1
25°	37.3	39.1	40.9	42.5	44.9	47.6	51.1	57.4	67.0	78.2	91.4
23.75°	39.5	41.4	43.3	46.2	49.9	55.7	67.4	82.6	99.5	119.8	139.8
22.5°	41.6	44.0	47.2	51.7	62.4	77.6	98.2	123.3	148.9	180.0	208.3
21.25°	44.2	47.8	52.7	66.9	87.3	112.8	143.7	180.6	217.6	256.2	292.2
20°	47.8	53.2	69.2	93.2	124.3	161.5	205.2	251.7	298.2	346.2	390.8
18.75°	52.7	69.2	95.2	130.2	173.6	223.4	276.5	334.2	390.5	444.1	496.6
17.5°	66.9	93.2	130.2	177.7	233.1	292.9	358.6	423.8	488.1	551.2	610.6
16.25°	87.3	124.3	173.6	233.1	298.9	371.1	444.0	519.2	592.5	662.0	726.6
15°	112.8	161.5	223.4	292.9	371.1	450.8	534.9	617.9	697.7	772.5	836.1
13.75°	143.7	205.2	276.5	358.6	444.0	534.9	626.5	715.9	798.7	872.0	934.3
12.5°	180.6	251.7	334.2	423.8	519.2	617.9	715.9	807.5	888.9	960.5	1021.9
11.25°	217.6	298.2	390.5	488.1	592.5	697.7	798.7	888.9	968.7	1039.2	1107.3
10°	256.2	346.2	444.1	551.2	662.0	772.5	872.0	960.5	1039.2	1116.9	1200.2
8.75°	292.2	390.8	496.6	610.6	726.6	836.1	934.3	1021.9	1107.3	1200.2	1293.6
7.5°	328.5	431.5	544.6	663.7	783.2	891.1	987.9	1079.0	1176.6	1280.4	1381.4
6.25°	359.7	467.4	587.2	710.7	829.7	937.0	1033.5	1130.7	1241.6	1353.3	1460.4
5°	386.7	499.9	623.3	750.1	868.6	974.2	1073.2	1181.2	1299.0	1416.4	1528.1
3.75°	408.3	525.6	651.8	780.3	897.1	1002.6	1105.1	1221.8	1345.5	1467.0	1583.1
2.5°	423.9	544.1	672.5	801.1	917.8	1023.2	1128.9	1252.7	1379.8	1504.2	1624.4
1.25°	433.3	555.3	685.2	813.8	930.3	1035.8	1145.4	1271.6	1400.9	1527.2	1650.2
0°	436.5	559.0	689.5	818.0	934.5	1040.0	1151.0	1278.0	1408.0	1535.0	1659.0
-1.25°	433.3	555.3	685.2	813.8	930.3	1035.8	1145.4	1271.6	1400.9	1527.2	1650.2
-2.5°	423.9	544.1	672.5	801.1	917.8	1023.2	1128.9	1252.7	1379.8	1504.2	1624.4
-3.75°	408.3	525.6	651.8	780.3	897.1	1002.6	1105.1	1221.8	1345.5	1467.0	1583.1
-5°	386.7	499.9	623.3	750.1	868.6	974.2	1073.2	1181.2	1299.0	1416.4	1528.1
-6.25°	359.7	467.4	587.2	710.7	829.7	937.0	1033.5	1130.7	1241.6	1353.3	1460.4
-7.5°	328.5	431.5	544.6	663.7	783.2	891.1	987.9	1079.0	1176.6	1280.4	1381.4
-8.75°	292.2	390.8	496.6	610.6	726.6	836.1	934.3	1021.9	1107.3	1200.2	1293.6
-10°	256.2	346.2	444.1	551.2	662.0	772.5	872.0	960.5	1039.2	1116.9	1200.2
-11.25°	217.6	298.2	390.5	488.1	592.5	697.7	798.7	888.9	968.7	1039.2	1107.3
-12.5°	180.6	251.7	334.2	423.8	519.2	617.9	715.9	807.5	888.9	960.5	1021.9
-13.75°	143.7	205.2	276.5	358.6	444.0	534.9	626.5	715.9	798.7	872.0	934.3
-15°	112.8	161.5	223.4	292.9	371.1	450.8	534.9	617.9	697.7	772.5	836.1
-16.25°	87.3	124.3	173.6	233.1	298.9	371.1	444.0	519.2	592.5	662.0	726.6
-17.5°	66.9	93.2	130.2	177.7	233.1	292.9	358.6	423.8	488.1	551.2	610.6
-18.75°	52.7	69.2	95.2	130.2	173.6	223.4	276.5	334.2	390.5	444.1	496.6
-20°	47.8	53.2	69.2	93.2	124.3	161.5	205.2	251.7	298.2	346.2	390.8
-21.25°	44.2	47.8	52.7	66.9	87.3	112.8	143.7	180.6	217.6	256.2	292.2



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	41.6	44.0	47.2	51.7	62.4	77.6	98.2	123.3	148.9	180.0	208.3
-23.75°	39.5	41.4	43.3	46.2	49.9	55.7	67.4	82.6	99.5	119.8	139.8
-25°	37.3	39.1	40.9	42.5	44.9	47.6	51.1	57.4	67.0	78.2	91.4
-26.25°	35.4	36.9	38.5	40.1	41.6	43.1	45.4	47.7	50.6	53.7	61.1
-27.5°	33.5	34.9	36.3	37.7	39.1	40.5	41.8	43.0	44.8	46.5	48.5
-28.75°	31.8	32.9	34.2	35.5	36.6	37.9	39.1	40.3	41.3	42.3	43.2
-30°	30.6	31.4	32.2	33.4	34.5	35.5	36.5	37.5	38.5	39.5	40.3
-31.25°	29.4	30.1	30.9	31.5	32.3	33.3	34.3	35.2	36.0	36.7	37.4
-32.5°	28.5	28.9	29.6	30.3	30.9	31.5	32.0	32.9	33.6	34.3	34.9
-33.75°	27.6	28.1	28.6	29.0	29.6	30.1	30.6	31.1	31.6	32.0	32.5
-35°	26.8	27.3	27.7	28.1	28.5	28.8	29.3	29.7	30.1	30.5	30.9
-36.25°	26.0	26.4	26.8	27.2	27.6	27.9	28.3	28.5	28.8	29.1	29.4
-37.5°	25.1	25.6	26.0	26.3	26.7	27.0	27.3	27.6	27.9	28.1	28.3
-38.75°	24.3	24.7	25.1	25.4	25.8	26.1	26.4	26.7	26.9	27.1	27.3
-40°	23.4	23.8	24.2	24.5	24.9	25.2	25.5	25.7	26.0	26.2	26.4
-41.25°	22.6	23.0	23.3	23.6	24.0	24.3	24.5	24.8	25.0	25.2	25.4
-42.5°	21.7	22.1	22.4	22.7	23.0	23.3	23.6	23.8	24.0	24.2	24.4
-43.75°	21.1	21.2	21.5	21.8	22.1	22.4	22.6	22.9	23.1	23.3	23.4
-45°	21.5	21.3	21.2	21.0	21.2	21.5	21.7	21.9	22.1	22.3	22.5
-46.25°	21.9	21.8	21.6	21.5	21.4	21.2	21.1	21.0	21.2	21.3	21.5
-47.5°	22.4	22.2	22.1	22.0	21.8	21.7	21.6	21.5	21.4	21.3	21.2
-48.75°	22.8	22.7	22.5	22.4	22.3	22.2	22.1	22.0	21.9	21.8	21.7
-50°	23.0	23.0	23.0	22.9	22.8	22.6	22.5	22.5	22.4	22.3	22.2
-51.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.9	22.8	22.7
-52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-53.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-55°	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-56.25°	21.9	22.2	22.4	22.6	22.8	23.0	23.0	23.0	23.0	23.0	23.0
-57.5°	21.0	21.3	21.5	21.7	21.8	22.0	22.2	22.3	22.4	22.6	22.7
-58.75°	20.1	20.3	20.5	20.7	20.9	21.1	21.2	21.3	21.5	21.6	21.7
-60°	19.2	19.4	19.6	19.8	19.9	20.1	20.2	20.4	20.5	20.6	20.7
-61.25°	18.3	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.5	19.6	19.7
-62.5°	17.4	17.6	17.7	17.9	18.1	18.2	18.3	18.4	18.5	18.6	18.7
-63.75°	16.2	16.5	16.7	16.9	17.1	17.2	17.4	17.5	17.6	17.7	17.7
-65°	14.8	15.1	15.3	15.5	15.7	15.9	16.1	16.2	16.4	16.5	16.6
-66.25°	13.5	13.7	13.9	14.1	14.3	14.5	14.6	14.8	14.9	15.0	15.1
-67.5°	12.1	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.5	13.6	13.7
-68.75°	10.8	10.9	11.1	11.3	11.4	11.6	11.7	11.9	12.0	12.1	12.2
-70°	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8
-71.25°	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.6	9.7	9.8	9.8
-72.5°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.7	8.8	8.8
-73.75°	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8
-75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-76.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-77.5°	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	6.2	6.2	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4
-80°	5.7	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	6.0
-81.25°	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.5
-82.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-83.75°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
-85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
-86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
82.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
81.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
80°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
78.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
77.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
76.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
73.75°	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9
72.5°	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
71.25°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
70°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
68.75°	12.3	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.4
67.5°	13.8	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
66.25°	15.2	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
65°	16.7	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
63.75°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
62.5°	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
61.25°	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
60°	20.8	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9
58.75°	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
57.5°	22.8	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.9
56.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
55°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
53.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
51.25°	22.7	22.6	22.6	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6
50°	22.2	22.1	22.1	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1
48.75°	21.7	21.6	21.6	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6
47.5°	21.2	21.1	21.1	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1
46.25°	21.6	21.7	21.8	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.8
45°	22.6	22.7	22.8	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.8
43.75°	23.6	23.7	23.8	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.8
42.5°	24.6	24.7	24.8	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.8
41.25°	25.6	25.7	25.8	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.8
40°	26.5	26.7	26.8	26.9	26.9	27.0	27.0	27.0	26.9	26.9	26.8
38.75°	27.5	27.7	27.8	27.9	27.9	28.0	28.0	28.0	27.9	27.9	27.8
37.5°	28.5	28.6	28.8	28.9	28.9	29.0	29.0	29.0	28.9	28.9	28.8
36.25°	29.7	29.9	30.1	30.3	30.4	30.5	30.5	30.5	30.4	30.3	30.1
35°	31.2	31.4	31.6	31.8	31.9	32.0	32.0	32.0	31.9	31.8	31.6



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	33.0	33.5	33.9	34.1	34.3	34.5	34.5	34.5	34.3	34.1	33.9
32.5°	35.5	35.9	36.3	36.6	36.8	37.0	37.0	37.0	36.8	36.6	36.3
31.25°	38.1	38.7	39.1	39.5	39.8	39.9	40.0	39.9	39.8	39.5	39.1
30°	41.0	41.6	42.1	42.5	42.8	42.9	43.0	42.9	42.8	42.5	42.1
28.75°	44.5	45.5	46.4	47.2	47.9	48.4	48.5	48.4	47.9	47.2	46.4
27.5°	50.4	52.1	54.6	58.0	60.5	62.0	62.5	62.0	60.5	58.0	54.6
26.25°	67.7	74.2	82.0	88.1	92.5	95.1	96.0	95.1	92.5	88.1	82.0
25°	103.0	116.9	128.7	138.0	144.6	148.7	150.0	148.7	144.6	138.0	128.7
23.75°	159.9	180.2	197.1	210.3	221.1	227.8	230.0	227.8	221.1	210.3	197.1
22.5°	236.8	261.8	282.5	301.5	315.3	323.7	326.5	323.7	315.3	301.5	282.5
21.25°	328.5	359.7	386.7	408.3	423.9	433.3	436.5	433.3	423.9	408.3	386.7
20°	431.5	467.4	499.9	525.6	544.1	555.3	559.0	555.3	544.1	525.6	499.9
18.75°	544.6	587.2	623.3	651.8	672.5	685.2	689.5	685.2	672.5	651.8	623.3
17.5°	663.7	710.7	750.1	780.3	801.1	813.8	818.0	813.8	801.1	780.3	750.1
16.25°	783.2	829.7	868.6	897.1	917.8	930.3	934.5	930.3	917.8	897.1	868.6
15°	891.1	937.0	974.2	1002.6	1023.2	1035.8	1040.0	1035.8	1023.2	1002.6	974.2
13.75°	987.9	1033.5	1073.2	1105.1	1128.9	1145.4	1151.0	1145.4	1128.9	1105.1	1073.2
12.5°	1079.0	1130.7	1181.2	1221.8	1252.7	1271.6	1278.0	1271.6	1252.7	1221.8	1181.2
11.25°	1176.6	1241.6	1299.0	1345.5	1379.8	1400.9	1408.0	1400.9	1379.8	1345.5	1299.0
10°	1280.4	1353.3	1416.4	1467.0	1504.2	1527.2	1535.0	1527.2	1504.2	1467.0	1416.4
8.75°	1381.4	1460.4	1528.1	1583.1	1624.4	1650.2	1659.0	1650.2	1624.4	1583.1	1528.1
7.5°	1475.3	1559.6	1633.4	1696.0	1742.7	1769.7	1779.0	1769.7	1742.7	1696.0	1633.4
6.25°	1559.6	1651.0	1734.2	1798.4	1845.6	1874.1	1884.0	1874.1	1845.6	1798.4	1734.2
5°	1633.4	1734.2	1818.0	1884.2	1930.7	1959.0	1969.0	1959.0	1930.7	1884.2	1818.0
3.75°	1696.0	1798.4	1884.2	1949.4	1995.7	2024.4	2030.5	2024.4	1995.7	1949.4	1884.2
2.5°	1742.7	1845.6	1930.7	1995.7	2037.0	2056.9	2062.5	2056.9	2037.0	1995.7	1930.7
1.25°	1769.7	1874.1	1959.0	2024.4	2056.9	2075.0	2081.8	2075.0	2056.9	2024.4	1959.0
0°	1779.0	1884.0	1969.0	2030.5	2062.5	2081.8	2089.0	2081.8	2062.5	2030.5	1969.0
-1.25°	1769.7	1874.1	1959.0	2024.4	2056.9	2075.0	2081.8	2075.0	2056.9	2024.4	1959.0
-2.5°	1742.7	1845.6	1930.7	1995.7	2037.0	2056.9	2062.5	2056.9	2037.0	1995.7	1930.7
-3.75°	1696.0	1798.4	1884.2	1949.4	1995.7	2024.4	2030.5	2024.4	1995.7	1949.4	1884.2
-5°	1633.4	1734.2	1818.0	1884.2	1930.7	1959.0	1969.0	1959.0	1930.7	1884.2	1818.0
-6.25°	1559.6	1651.0	1734.2	1798.4	1845.6	1874.1	1884.0	1874.1	1845.6	1798.4	1734.2
-7.5°	1475.3	1559.6	1633.4	1696.0	1742.7	1769.7	1779.0	1769.7	1742.7	1696.0	1633.4
-8.75°	1381.4	1460.4	1528.1	1583.1	1624.4	1650.2	1659.0	1650.2	1624.4	1583.1	1528.1
-10°	1280.4	1353.3	1416.4	1467.0	1504.2	1527.2	1535.0	1527.2	1504.2	1467.0	1416.4
-11.25°	1176.6	1241.6	1299.0	1345.5	1379.8	1400.9	1408.0	1400.9	1379.8	1345.5	1299.0
-12.5°	1079.0	1130.7	1181.2	1221.8	1252.7	1271.6	1278.0	1271.6	1252.7	1221.8	1181.2
-13.75°	987.9	1033.5	1073.2	1105.1	1128.9	1145.4	1151.0	1145.4	1128.9	1105.1	1073.2
-15°	891.1	937.0	974.2	1002.6	1023.2	1035.8	1040.0	1035.8	1023.2	1002.6	974.2
-16.25°	783.2	829.7	868.6	897.1	917.8	930.3	934.5	930.3	917.8	897.1	868.6
-17.5°	663.7	710.7	750.1	780.3	801.1	813.8	818.0	813.8	801.1	780.3	750.1
-18.75°	544.6	587.2	623.3	651.8	672.5	685.2	689.5	685.2	672.5	651.8	623.3
-20°	431.5	467.4	499.9	525.6	544.1	555.3	559.0	555.3	544.1	525.6	499.9
-21.25°	328.5	359.7	386.7	408.3	423.9	433.3	436.5	433.3	423.9	408.3	386.7



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	236.8	261.8	282.5	301.5	315.3	323.7	326.5	323.7	315.3	301.5	282.5
-23.75°	159.9	180.2	197.1	210.3	221.1	227.8	230.0	227.8	221.1	210.3	197.1
-25°	103.0	116.9	128.7	138.0	144.6	148.7	150.0	148.7	144.6	138.0	128.7
-26.25°	67.7	74.2	82.0	88.1	92.5	95.1	96.0	95.1	92.5	88.1	82.0
-27.5°	50.4	52.1	54.6	58.0	60.5	62.0	62.5	62.0	60.5	58.0	54.6
-28.75°	44.5	45.5	46.4	47.2	47.9	48.4	48.5	48.4	47.9	47.2	46.4
-30°	41.0	41.6	42.1	42.5	42.8	42.9	43.0	42.9	42.8	42.5	42.1
-31.25°	38.1	38.7	39.1	39.5	39.8	39.9	40.0	39.9	39.8	39.5	39.1
-32.5°	35.5	35.9	36.3	36.6	36.8	37.0	37.0	37.0	36.8	36.6	36.3
-33.75°	33.0	33.5	33.9	34.1	34.3	34.5	34.5	34.5	34.3	34.1	33.9
-35°	31.2	31.4	31.6	31.8	31.9	32.0	32.0	32.0	31.9	31.8	31.6
-36.25°	29.7	29.9	30.1	30.3	30.4	30.5	30.5	30.5	30.4	30.3	30.1
-37.5°	28.5	28.6	28.8	28.9	28.9	29.0	29.0	29.0	28.9	28.9	28.8
-38.75°	27.5	27.7	27.8	27.9	27.9	28.0	28.0	28.0	27.9	27.9	27.8
-40°	26.5	26.7	26.8	26.9	26.9	27.0	27.0	27.0	26.9	26.9	26.8
-41.25°	25.6	25.7	25.8	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.8
-42.5°	24.6	24.7	24.8	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.8
-43.75°	23.6	23.7	23.8	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.8
-45°	22.6	22.7	22.8	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.8
-46.25°	21.6	21.7	21.8	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.8
-47.5°	21.2	21.1	21.1	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1
-48.75°	21.7	21.6	21.6	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6
-50°	22.2	22.1	22.1	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1
-51.25°	22.7	22.6	22.6	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6
-52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-53.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-55°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-56.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-57.5°	22.8	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.9
-58.75°	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
-60°	20.8	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9
-61.25°	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-62.5°	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
-63.75°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
-65°	16.7	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
-66.25°	15.2	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
-67.5°	13.8	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
-68.75°	12.3	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.4	12.4
-70°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-71.25°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-72.5°	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
-73.75°	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9
-75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-76.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-77.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-80°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-81.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-82.5°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-83.75°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
83.75°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
82.5°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
81.25°	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3
80°	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8
78.75°	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3
77.5°	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7
76.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
73.75°	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3
72.5°	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.4	8.3	8.2
71.25°	9.9	9.9	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2
70°	10.9	10.9	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1
68.75°	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.6	11.4	11.3	11.1
67.5°	13.8	13.8	13.7	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.5
66.25°	15.3	15.2	15.1	15.0	14.9	14.8	14.6	14.5	14.3	14.1	13.9
65°	16.8	16.7	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.5	15.3
63.75°	17.9	17.8	17.7	17.7	17.6	17.5	17.4	17.2	17.1	16.9	16.7
62.5°	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.2	18.1	17.9	17.7
61.25°	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.1	19.0	18.8	18.7
60°	20.8	20.8	20.7	20.6	20.5	20.4	20.2	20.1	19.9	19.8	19.6
58.75°	21.8	21.8	21.7	21.6	21.5	21.3	21.2	21.1	20.9	20.7	20.5
57.5°	22.8	22.8	22.7	22.6	22.4	22.3	22.2	22.0	21.8	21.7	21.5
56.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.8	22.6	22.4
55°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
53.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
51.25°	22.6	22.7	22.7	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0
50°	22.1	22.2	22.2	22.3	22.4	22.5	22.5	22.6	22.8	22.9	23.0
48.75°	21.6	21.7	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5
47.5°	21.1	21.2	21.2	21.3	21.4	21.5	21.6	21.7	21.8	22.0	22.1
46.25°	21.7	21.6	21.5	21.3	21.2	21.0	21.1	21.2	21.4	21.5	21.6
45°	22.7	22.6	22.5	22.3	22.1	21.9	21.7	21.5	21.2	21.0	21.2
43.75°	23.7	23.6	23.4	23.3	23.1	22.9	22.6	22.4	22.1	21.8	21.5
42.5°	24.7	24.6	24.4	24.2	24.0	23.8	23.6	23.3	23.0	22.7	22.4
41.25°	25.7	25.6	25.4	25.2	25.0	24.8	24.5	24.3	24.0	23.6	23.3
40°	26.7	26.5	26.4	26.2	26.0	25.7	25.5	25.2	24.9	24.5	24.2
38.75°	27.7	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.8	25.4	25.1
37.5°	28.6	28.5	28.3	28.1	27.9	27.6	27.3	27.0	26.7	26.3	26.0
36.25°	29.9	29.7	29.4	29.1	28.8	28.5	28.3	27.9	27.6	27.2	26.8
35°	31.4	31.2	30.9	30.5	30.1	29.7	29.3	28.8	28.5	28.1	27.7

REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	33.5	33.0	32.5	32.0	31.6	31.1	30.6	30.1	29.6	29.0	28.6
32.5°	35.9	35.5	34.9	34.3	33.6	32.9	32.0	31.5	30.9	30.3	29.6
31.25°	38.7	38.1	37.4	36.7	36.0	35.2	34.3	33.3	32.3	31.5	30.9
30°	41.6	41.0	40.3	39.5	38.5	37.5	36.5	35.5	34.5	33.4	32.2
28.75°	45.5	44.5	43.2	42.3	41.3	40.3	39.1	37.9	36.6	35.5	34.2
27.5°	52.1	50.4	48.5	46.5	44.8	43.0	41.8	40.5	39.1	37.7	36.3
26.25°	74.2	67.7	61.1	53.7	50.6	47.7	45.4	43.1	41.6	40.1	38.5
25°	116.9	103.0	91.4	78.2	67.0	57.4	51.1	47.6	44.9	42.5	40.9
23.75°	180.2	159.9	139.8	119.8	99.5	82.6	67.4	55.7	49.9	46.2	43.3
22.5°	261.8	236.8	208.3	180.0	148.9	123.3	98.2	77.6	62.4	51.7	47.2
21.25°	359.7	328.5	292.2	256.2	217.6	180.6	143.7	112.8	87.3	66.9	52.7
20°	467.4	431.5	390.8	346.2	298.2	251.7	205.2	161.5	124.3	93.2	69.2
18.75°	587.2	544.6	496.6	444.1	390.5	334.2	276.5	223.4	173.6	130.2	95.2
17.5°	710.7	663.7	610.6	551.2	488.1	423.8	358.6	292.9	233.1	177.7	130.2
16.25°	829.7	783.2	726.6	662.0	592.5	519.2	444.0	371.1	298.9	233.1	173.6
15°	937.0	891.1	836.1	772.5	697.7	617.9	534.9	450.8	371.1	292.9	223.4
13.75°	1033.5	987.9	934.3	872.0	798.7	715.9	626.5	534.9	444.0	358.6	276.5
12.5°	1130.7	1079.0	1021.9	960.5	888.9	807.5	715.9	617.9	519.2	423.8	334.2
11.25°	1241.6	1176.6	1107.3	1039.2	968.7	888.9	798.7	697.7	592.5	488.1	390.5
10°	1353.3	1280.4	1200.2	1116.9	1039.2	960.5	872.0	772.5	662.0	551.2	444.1
8.75°	1460.4	1381.4	1293.6	1200.2	1107.3	1021.9	934.3	836.1	726.6	610.6	496.6
7.5°	1559.6	1475.3	1381.4	1280.4	1176.6	1079.0	987.9	891.1	783.2	663.7	544.6
6.25°	1651.0	1559.6	1460.4	1353.3	1241.6	1130.7	1033.5	937.0	829.7	710.7	587.2
5°	1734.2	1633.4	1528.1	1416.4	1299.0	1181.2	1073.2	974.2	868.6	750.1	623.3
3.75°	1798.4	1696.0	1583.1	1467.0	1345.5	1221.8	1105.1	1002.6	897.1	780.3	651.8
2.5°	1845.6	1742.7	1624.4	1504.2	1379.8	1252.7	1128.9	1023.2	917.8	801.1	672.5
1.25°	1874.1	1769.7	1650.2	1527.2	1400.9	1271.6	1145.4	1035.8	930.3	813.8	685.2
0°	1884.0	1779.0	1659.0	1535.0	1408.0	1278.0	1151.0	1040.0	934.5	818.0	689.5
-1.25°	1874.1	1769.7	1650.2	1527.2	1400.9	1271.6	1145.4	1035.8	930.3	813.8	685.2
-2.5°	1845.6	1742.7	1624.4	1504.2	1379.8	1252.7	1128.9	1023.2	917.8	801.1	672.5
-3.75°	1798.4	1696.0	1583.1	1467.0	1345.5	1221.8	1105.1	1002.6	897.1	780.3	651.8
-5°	1734.2	1633.4	1528.1	1416.4	1299.0	1181.2	1073.2	974.2	868.6	750.1	623.3
-6.25°	1651.0	1559.6	1460.4	1353.3	1241.6	1130.7	1033.5	937.0	829.7	710.7	587.2
-7.5°	1559.6	1475.3	1381.4	1280.4	1176.6	1079.0	987.9	891.1	783.2	663.7	544.6
-8.75°	1460.4	1381.4	1293.6	1200.2	1107.3	1021.9	934.3	836.1	726.6	610.6	496.6
-10°	1353.3	1280.4	1200.2	1116.9	1039.2	960.5	872.0	772.5	662.0	551.2	444.1
-11.25°	1241.6	1176.6	1107.3	1039.2	968.7	888.9	798.7	697.7	592.5	488.1	390.5
-12.5°	1130.7	1079.0	1021.9	960.5	888.9	807.5	715.9	617.9	519.2	423.8	334.2
-13.75°	1033.5	987.9	934.3	872.0	798.7	715.9	626.5	534.9	444.0	358.6	276.5
-15°	937.0	891.1	836.1	772.5	697.7	617.9	534.9	450.8	371.1	292.9	223.4
-16.25°	829.7	783.2	726.6	662.0	592.5	519.2	444.0	371.1	298.9	233.1	173.6
-17.5°	710.7	663.7	610.6	551.2	488.1	423.8	358.6	292.9	233.1	177.7	130.2
-18.75°	587.2	544.6	496.6	444.1	390.5	334.2	276.5	223.4	173.6	130.2	95.2
-20°	467.4	431.5	390.8	346.2	298.2	251.7	205.2	161.5	124.3	93.2	69.2
-21.25°	359.7	328.5	292.2	256.2	217.6	180.6	143.7	112.8	87.3	66.9	52.7



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	261.8	236.8	208.3	180.0	148.9	123.3	98.2	77.6	62.4	51.7	47.2
-23.75°	180.2	159.9	139.8	119.8	99.5	82.6	67.4	55.7	49.9	46.2	43.3
-25°	116.9	103.0	91.4	78.2	67.0	57.4	51.1	47.6	44.9	42.5	40.9
-26.25°	74.2	67.7	61.1	53.7	50.6	47.7	45.4	43.1	41.6	40.1	38.5
-27.5°	52.1	50.4	48.5	46.5	44.8	43.0	41.8	40.5	39.1	37.7	36.3
-28.75°	45.5	44.5	43.2	42.3	41.3	40.3	39.1	37.9	36.6	35.5	34.2
-30°	41.6	41.0	40.3	39.5	38.5	37.5	36.5	35.5	34.5	33.4	32.2
-31.25°	38.7	38.1	37.4	36.7	36.0	35.2	34.3	33.3	32.3	31.5	30.9
-32.5°	35.9	35.5	34.9	34.3	33.6	32.9	32.0	31.5	30.9	30.3	29.6
-33.75°	33.5	33.0	32.5	32.0	31.6	31.1	30.6	30.1	29.6	29.0	28.6
-35°	31.4	31.2	30.9	30.5	30.1	29.7	29.3	28.8	28.5	28.1	27.7
-36.25°	29.9	29.7	29.4	29.1	28.8	28.5	28.3	27.9	27.6	27.2	26.8
-37.5°	28.6	28.5	28.3	28.1	27.9	27.6	27.3	27.0	26.7	26.3	26.0
-38.75°	27.7	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.8	25.4	25.1
-40°	26.7	26.5	26.4	26.2	26.0	25.7	25.5	25.2	24.9	24.5	24.2
-41.25°	25.7	25.6	25.4	25.2	25.0	24.8	24.5	24.3	24.0	23.6	23.3
-42.5°	24.7	24.6	24.4	24.2	24.0	23.8	23.6	23.3	23.0	22.7	22.4
-43.75°	23.7	23.6	23.4	23.3	23.1	22.9	22.6	22.4	22.1	21.8	21.5
-45°	22.7	22.6	22.5	22.3	22.1	21.9	21.7	21.5	21.2	21.0	21.2
-46.25°	21.7	21.6	21.5	21.3	21.2	21.0	21.1	21.2	21.4	21.5	21.6
-47.5°	21.1	21.2	21.2	21.3	21.4	21.5	21.6	21.7	21.8	22.0	22.1
-48.75°	21.6	21.7	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5
-50°	22.1	22.2	22.2	22.3	22.4	22.5	22.5	22.6	22.8	22.9	23.0
-51.25°	22.6	22.7	22.7	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.0
-52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-53.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-55°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-56.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.8	22.6	22.4
-57.5°	22.8	22.8	22.7	22.6	22.4	22.3	22.2	22.0	21.8	21.7	21.5
-58.75°	21.8	21.8	21.7	21.6	21.5	21.3	21.2	21.1	20.9	20.7	20.5
-60°	20.8	20.8	20.7	20.6	20.5	20.4	20.2	20.1	19.9	19.8	19.6
-61.25°	19.9	19.8	19.7	19.6	19.5	19.4	19.3	19.1	19.0	18.8	18.7
-62.5°	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.2	18.1	17.9	17.7
-63.75°	17.9	17.8	17.7	17.7	17.6	17.5	17.4	17.2	17.1	16.9	16.7
-65°	16.8	16.7	16.6	16.5	16.4	16.2	16.1	15.9	15.7	15.5	15.3
-66.25°	15.3	15.2	15.1	15.0	14.9	14.8	14.6	14.5	14.3	14.1	13.9
-67.5°	13.8	13.8	13.7	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.5
-68.75°	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.6	11.4	11.3	11.1
-70°	10.9	10.9	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1
-71.25°	9.9	9.9	9.8	9.8	9.7	9.6	9.6	9.5	9.4	9.3	9.2
-72.5°	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5	8.4	8.3	8.2
-73.75°	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3
-75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-76.25°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-77.5°	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3
-80°	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8
-81.25°	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3
-82.5°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-83.75°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
83.75°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
81.25°	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
80°	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4
78.75°	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8
77.5°	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2
76.25°	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.6
75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
73.75°	7.2	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
72.5°	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0	7.0
71.25°	9.1	8.9	8.8	8.7	8.5	8.4	8.3	8.1	7.9	7.8	7.6
70°	10.0	9.9	9.7	9.6	9.4	9.3	9.1	9.0	8.8	8.6	8.4
68.75°	10.9	10.8	10.7	10.5	10.3	10.2	10.0	9.8	9.6	9.4	9.2
67.5°	12.3	12.1	11.8	11.6	11.4	11.1	10.9	10.7	10.5	10.3	10.1
66.25°	13.7	13.5	13.2	13.0	12.7	12.4	12.1	11.8	11.5	11.2	10.9
65°	15.1	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.8	12.4	12.1
63.75°	16.5	16.2	15.9	15.7	15.4	15.0	14.7	14.4	14.0	13.7	13.3
62.5°	17.6	17.4	17.2	17.0	16.7	16.4	16.0	15.7	15.3	14.9	14.5
61.25°	18.5	18.3	18.1	17.9	17.7	17.4	17.2	16.9	16.5	16.1	15.7
60°	19.4	19.2	19.0	18.8	18.6	18.3	18.1	17.8	17.5	17.2	16.9
58.75°	20.3	20.1	19.9	19.7	19.4	19.2	18.9	18.6	18.4	18.1	17.8
57.5°	21.3	21.0	20.8	20.6	20.3	20.0	19.8	19.5	19.2	18.9	18.6
56.25°	22.2	21.9	21.7	21.5	21.2	20.9	20.6	20.3	20.0	19.7	19.4
55°	23.0	22.9	22.6	22.3	22.1	21.8	21.5	21.2	20.8	20.5	20.1
53.75°	23.0	23.0	23.0	23.0	22.9	22.6	22.3	22.0	21.6	21.3	20.9
52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.8	22.5	22.1	21.7
51.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.5
50°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
48.75°	22.7	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
47.5°	22.2	22.4	22.6	22.7	22.9	23.0	23.0	23.0	23.0	23.0	23.0
46.25°	21.8	21.9	22.1	22.3	22.5	22.7	22.9	23.0	23.0	23.0	23.0
45°	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.0	23.0
43.75°	21.2	21.1	21.3	21.4	21.6	21.8	22.1	22.3	22.5	22.7	23.0
42.5°	22.1	21.7	21.3	21.0	21.2	21.4	21.7	21.9	22.1	22.4	22.6
41.25°	23.0	22.6	22.2	21.8	21.4	21.0	21.3	21.5	21.7	22.0	22.3
40°	23.8	23.4	23.0	22.6	22.2	21.7	21.2	21.1	21.4	21.6	21.9
38.75°	24.7	24.3	23.9	23.4	23.0	22.5	22.0	21.5	21.0	21.3	21.5
37.5°	25.6	25.1	24.7	24.3	23.8	23.3	22.8	22.3	21.7	21.2	21.2
36.25°	26.4	26.0	25.5	25.1	24.6	24.1	23.5	23.0	22.4	21.9	21.3
35°	27.3	26.8	26.3	25.9	25.3	24.8	24.3	23.7	23.1	22.6	22.0

REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	28.1	27.6	27.2	26.6	26.1	25.6	25.0	24.4	23.8	23.2	22.6
32.5°	28.9	28.5	27.9	27.4	26.9	26.3	25.7	25.1	24.5	23.9	23.3
31.25°	30.1	29.4	28.7	28.2	27.6	27.1	26.5	25.8	25.2	24.6	23.9
30°	31.4	30.6	29.8	28.9	28.4	27.8	27.2	26.5	25.9	25.2	24.5
28.75°	32.9	31.8	30.9	30.0	29.1	28.5	27.8	27.2	26.5	25.8	25.1
27.5°	34.9	33.5	32.1	31.1	30.2	29.2	28.5	27.8	27.2	26.5	25.7
26.25°	36.9	35.4	33.9	32.4	31.2	30.3	29.2	28.5	27.8	27.1	26.3
25°	39.1	37.3	35.7	34.1	32.4	31.2	30.2	29.1	28.4	27.6	26.9
23.75°	41.4	39.5	37.6	35.8	34.1	32.4	31.1	30.0	28.9	28.2	27.4
22.5°	44.0	41.6	39.6	37.6	35.7	33.9	32.1	30.9	29.8	28.7	27.9
21.25°	47.8	44.2	41.6	39.5	37.3	35.4	33.5	31.8	30.6	29.4	28.5
20°	53.2	47.8	44.0	41.4	39.1	36.9	34.9	32.9	31.4	30.1	28.9
18.75°	69.2	52.7	47.2	43.3	40.9	38.5	36.3	34.2	32.2	30.9	29.6
17.5°	93.2	66.9	51.7	46.2	42.5	40.1	37.7	35.5	33.4	31.5	30.3
16.25°	124.3	87.3	62.4	49.9	44.9	41.6	39.1	36.6	34.5	32.3	30.9
15°	161.5	112.8	77.6	55.7	47.6	43.1	40.5	37.9	35.5	33.3	31.5
13.75°	205.2	143.7	98.2	67.4	51.1	45.4	41.8	39.1	36.5	34.3	32.0
12.5°	251.7	180.6	123.3	82.6	57.4	47.7	43.0	40.3	37.5	35.2	32.9
11.25°	298.2	217.6	148.9	99.5	67.0	50.6	44.8	41.3	38.5	36.0	33.6
10°	346.2	256.2	180.0	119.8	78.2	53.7	46.5	42.3	39.5	36.7	34.3
8.75°	390.8	292.2	208.3	139.8	91.4	61.1	48.5	43.2	40.3	37.4	34.9
7.5°	431.5	328.5	236.8	159.9	103.0	67.7	50.4	44.5	41.0	38.1	35.5
6.25°	467.4	359.7	261.8	180.2	116.9	74.2	52.1	45.5	41.6	38.7	35.9
5°	499.9	386.7	282.5	197.1	128.7	82.0	54.6	46.4	42.1	39.1	36.3
3.75°	525.6	408.3	301.5	210.3	138.0	88.1	58.0	47.2	42.5	39.5	36.6
2.5°	544.1	423.9	315.3	221.1	144.6	92.5	60.5	47.9	42.8	39.8	36.8
1.25°	555.3	433.3	323.7	227.8	148.7	95.1	62.0	48.4	42.9	39.9	37.0
0°	559.0	436.5	326.5	230.0	150.0	96.0	62.5	48.5	43.0	40.0	37.0
-1.25°	555.3	433.3	323.7	227.8	148.7	95.1	62.0	48.4	42.9	39.9	37.0
-2.5°	544.1	423.9	315.3	221.1	144.6	92.5	60.5	47.9	42.8	39.8	36.8
-3.75°	525.6	408.3	301.5	210.3	138.0	88.1	58.0	47.2	42.5	39.5	36.6
-5°	499.9	386.7	282.5	197.1	128.7	82.0	54.6	46.4	42.1	39.1	36.3
-6.25°	467.4	359.7	261.8	180.2	116.9	74.2	52.1	45.5	41.6	38.7	35.9
-7.5°	431.5	328.5	236.8	159.9	103.0	67.7	50.4	44.5	41.0	38.1	35.5
-8.75°	390.8	292.2	208.3	139.8	91.4	61.1	48.5	43.2	40.3	37.4	34.9
-10°	346.2	256.2	180.0	119.8	78.2	53.7	46.5	42.3	39.5	36.7	34.3
-11.25°	298.2	217.6	148.9	99.5	67.0	50.6	44.8	41.3	38.5	36.0	33.6
-12.5°	251.7	180.6	123.3	82.6	57.4	47.7	43.0	40.3	37.5	35.2	32.9
-13.75°	205.2	143.7	98.2	67.4	51.1	45.4	41.8	39.1	36.5	34.3	32.0
-15°	161.5	112.8	77.6	55.7	47.6	43.1	40.5	37.9	35.5	33.3	31.5
-16.25°	124.3	87.3	62.4	49.9	44.9	41.6	39.1	36.6	34.5	32.3	30.9
-17.5°	93.2	66.9	51.7	46.2	42.5	40.1	37.7	35.5	33.4	31.5	30.3
-18.75°	69.2	52.7	47.2	43.3	40.9	38.5	36.3	34.2	32.2	30.9	29.6
-20°	53.2	47.8	44.0	41.4	39.1	36.9	34.9	32.9	31.4	30.1	28.9
-21.25°	47.8	44.2	41.6	39.5	37.3	35.4	33.5	31.8	30.6	29.4	28.5



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	44.0	41.6	39.6	37.6	35.7	33.9	32.1	30.9	29.8	28.7	27.9
-23.75°	41.4	39.5	37.6	35.8	34.1	32.4	31.1	30.0	28.9	28.2	27.4
-25°	39.1	37.3	35.7	34.1	32.4	31.2	30.2	29.1	28.4	27.6	26.9
-26.25°	36.9	35.4	33.9	32.4	31.2	30.3	29.2	28.5	27.8	27.1	26.3
-27.5°	34.9	33.5	32.1	31.1	30.2	29.2	28.5	27.8	27.2	26.5	25.7
-28.75°	32.9	31.8	30.9	30.0	29.1	28.5	27.8	27.2	26.5	25.8	25.1
-30°	31.4	30.6	29.8	28.9	28.4	27.8	27.2	26.5	25.9	25.2	24.5
-31.25°	30.1	29.4	28.7	28.2	27.6	27.1	26.5	25.8	25.2	24.6	23.9
-32.5°	28.9	28.5	27.9	27.4	26.9	26.3	25.7	25.1	24.5	23.9	23.3
-33.75°	28.1	27.6	27.2	26.6	26.1	25.6	25.0	24.4	23.8	23.2	22.6
-35°	27.3	26.8	26.3	25.9	25.3	24.8	24.3	23.7	23.1	22.6	22.0
-36.25°	26.4	26.0	25.5	25.1	24.6	24.1	23.5	23.0	22.4	21.9	21.3
-37.5°	25.6	25.1	24.7	24.3	23.8	23.3	22.8	22.3	21.7	21.2	21.2
-38.75°	24.7	24.3	23.9	23.4	23.0	22.5	22.0	21.5	21.0	21.3	21.5
-40°	23.8	23.4	23.0	22.6	22.2	21.7	21.2	21.1	21.4	21.6	21.9
-41.25°	23.0	22.6	22.2	21.8	21.4	21.0	21.3	21.5	21.7	22.0	22.3
-42.5°	22.1	21.7	21.3	21.0	21.2	21.4	21.7	21.9	22.1	22.4	22.6
-43.75°	21.2	21.1	21.3	21.4	21.6	21.8	22.1	22.3	22.5	22.7	23.0
-45°	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.0	23.0
-46.25°	21.8	21.9	22.1	22.3	22.5	22.7	22.9	23.0	23.0	23.0	23.0
-47.5°	22.2	22.4	22.6	22.7	22.9	23.0	23.0	23.0	23.0	23.0	23.0
-48.75°	22.7	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-50°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-51.25°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9	22.5
-52.5°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.8	22.5	22.1	21.7
-53.75°	23.0	23.0	23.0	23.0	22.9	22.6	22.3	22.0	21.6	21.3	20.9
-55°	23.0	22.9	22.6	22.3	22.1	21.8	21.5	21.2	20.8	20.5	20.1
-56.25°	22.2	21.9	21.7	21.5	21.2	20.9	20.6	20.3	20.0	19.7	19.4
-57.5°	21.3	21.0	20.8	20.6	20.3	20.0	19.8	19.5	19.2	18.9	18.6
-58.75°	20.3	20.1	19.9	19.7	19.4	19.2	18.9	18.6	18.4	18.1	17.8
-60°	19.4	19.2	19.0	18.8	18.6	18.3	18.1	17.8	17.5	17.2	16.9
-61.25°	18.5	18.3	18.1	17.9	17.7	17.4	17.2	16.9	16.5	16.1	15.7
-62.5°	17.6	17.4	17.2	17.0	16.7	16.4	16.0	15.7	15.3	14.9	14.5
-63.75°	16.5	16.2	15.9	15.7	15.4	15.0	14.7	14.4	14.0	13.7	13.3
-65°	15.1	14.8	14.6	14.3	14.0	13.7	13.4	13.1	12.8	12.4	12.1
-66.25°	13.7	13.5	13.2	13.0	12.7	12.4	12.1	11.8	11.5	11.2	10.9
-67.5°	12.3	12.1	11.8	11.6	11.4	11.1	10.9	10.7	10.5	10.3	10.1
-68.75°	10.9	10.8	10.7	10.5	10.3	10.2	10.0	9.8	9.6	9.4	9.2
-70°	10.0	9.9	9.7	9.6	9.4	9.3	9.1	9.0	8.8	8.6	8.4
-71.25°	9.1	8.9	8.8	8.7	8.5	8.4	8.3	8.1	7.9	7.8	7.6
-72.5°	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0	7.0
-73.75°	7.2	7.1	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-75°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-76.25°	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.6
-77.5°	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8
-80°	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.4	5.4
-81.25°	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
-82.5°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
-83.75°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
-85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
-86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
83.75°	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
82.5°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8
80°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.6	4.5
78.75°	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1
77.5°	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4
76.25°	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8
75°	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1
73.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.5
72.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8
71.25°	7.4	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
70°	8.2	8.0	7.8	7.6	7.4	7.2	7.0	7.0	7.0	7.0	7.0
68.75°	9.0	8.8	8.6	8.4	8.1	7.9	7.7	7.4	7.1	7.0	7.0
67.5°	9.8	9.6	9.4	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.3
66.25°	10.7	10.4	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9
65°	11.7	11.3	10.9	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6
63.75°	12.9	12.5	12.1	11.7	11.2	10.8	10.5	10.2	9.9	9.6	9.2
62.5°	14.1	13.7	13.2	12.8	12.3	11.9	11.4	10.9	10.6	10.2	9.9
61.25°	15.3	14.8	14.4	13.9	13.4	12.9	12.4	11.9	11.4	10.9	10.5
60°	16.5	16.0	15.5	15.0	14.5	14.0	13.5	13.0	12.4	11.8	11.3
58.75°	17.4	17.1	16.7	16.2	15.6	15.1	14.5	14.0	13.4	12.8	12.2
57.5°	18.2	17.9	17.5	17.2	16.7	16.2	15.6	15.0	14.4	13.8	13.2
56.25°	19.0	18.7	18.3	17.9	17.5	17.2	16.6	16.0	15.4	14.8	14.1
55°	19.8	19.4	19.0	18.7	18.3	17.9	17.4	17.0	16.4	15.7	15.0
53.75°	20.6	20.2	19.8	19.4	19.0	18.5	18.1	17.7	17.2	16.7	16.0
52.5°	21.3	20.9	20.5	20.1	19.7	19.2	18.8	18.3	17.9	17.4	16.9
51.25°	22.1	21.7	21.3	20.8	20.4	19.9	19.5	19.0	18.5	18.0	17.5
50°	22.8	22.4	22.0	21.5	21.1	20.6	20.1	19.6	19.1	18.6	18.1
48.75°	23.0	23.0	22.7	22.2	21.8	21.3	20.8	20.3	19.8	19.2	18.7
47.5°	23.0	23.0	23.0	22.9	22.4	21.9	21.4	20.9	20.4	19.8	19.3
46.25°	23.0	23.0	23.0	23.0	23.0	22.6	22.1	21.5	21.0	20.4	19.9
45°	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.1	21.6	21.0	20.4
43.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.2	21.6	21.0
42.5°	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.1	21.5
41.25°	22.5	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.1
40°	22.2	22.5	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.6
38.75°	21.8	22.1	22.4	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
37.5°	21.5	21.8	22.1	22.4	22.7	23.0	23.0	23.0	23.0	23.0	23.0
36.25°	21.2	21.5	21.8	22.1	22.4	22.7	23.0	23.0	23.0	23.0	23.0
35°	21.3	21.1	21.5	21.8	22.1	22.5	22.8	23.0	23.0	23.0	23.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	22.0	21.3	21.2	21.5	21.8	22.2	22.5	22.9	23.0	23.0	23.0
32.5°	22.6	22.0	21.3	21.2	21.5	21.9	22.3	22.6	23.0	23.0	23.0
31.25°	23.2	22.6	21.9	21.2	21.3	21.6	22.0	22.4	22.7	23.0	23.0
30°	23.8	23.1	22.4	21.7	21.0	21.4	21.7	22.1	22.5	22.9	23.0
28.75°	24.4	23.7	23.0	22.3	21.5	21.1	21.5	21.9	22.3	22.7	23.0
27.5°	25.0	24.3	23.5	22.8	22.0	21.2	21.3	21.7	22.1	22.5	22.9
26.25°	25.6	24.8	24.1	23.3	22.5	21.7	21.0	21.4	21.8	22.3	22.7
25°	26.1	25.3	24.6	23.8	23.0	22.2	21.4	21.2	21.6	22.1	22.5
23.75°	26.6	25.9	25.1	24.3	23.4	22.6	21.8	21.0	21.4	21.9	22.3
22.5°	27.2	26.3	25.5	24.7	23.9	23.0	22.2	21.3	21.3	21.7	22.1
21.25°	27.6	26.8	26.0	25.1	24.3	23.4	22.6	21.7	21.1	21.5	21.9
20°	28.1	27.3	26.4	25.6	24.7	23.8	23.0	22.1	21.2	21.3	21.8
18.75°	28.6	27.7	26.8	26.0	25.1	24.2	23.3	22.4	21.5	21.2	21.6
17.5°	29.0	28.1	27.2	26.3	25.4	24.5	23.6	22.7	21.8	21.0	21.5
16.25°	29.6	28.5	27.6	26.7	25.8	24.9	24.0	23.0	22.1	21.2	21.4
15°	30.1	28.8	27.9	27.0	26.1	25.2	24.3	23.3	22.4	21.5	21.2
13.75°	30.6	29.3	28.3	27.3	26.4	25.5	24.5	23.6	22.6	21.7	21.1
12.5°	31.1	29.7	28.5	27.6	26.7	25.7	24.8	23.8	22.9	21.9	21.0
11.25°	31.6	30.1	28.8	27.9	26.9	26.0	25.0	24.0	23.1	22.1	21.2
10°	32.0	30.5	29.1	28.1	27.1	26.2	25.2	24.2	23.3	22.3	21.3
8.75°	32.5	30.9	29.4	28.3	27.3	26.4	25.4	24.4	23.4	22.5	21.5
7.5°	33.0	31.2	29.7	28.5	27.5	26.5	25.6	24.6	23.6	22.6	21.6
6.25°	33.5	31.4	29.9	28.6	27.7	26.7	25.7	24.7	23.7	22.7	21.7
5°	33.9	31.6	30.1	28.8	27.8	26.8	25.8	24.8	23.8	22.8	21.8
3.75°	34.1	31.8	30.3	28.9	27.9	26.9	25.9	24.9	23.9	22.9	21.9
2.5°	34.3	31.9	30.4	28.9	27.9	26.9	26.0	25.0	24.0	23.0	22.0
1.25°	34.5	32.0	30.5	29.0	28.0	27.0	26.0	25.0	24.0	23.0	22.0
0°	34.5	32.0	30.5	29.0	28.0	27.0	26.0	25.0	24.0	23.0	22.0
-1.25°	34.5	32.0	30.5	29.0	28.0	27.0	26.0	25.0	24.0	23.0	22.0
-2.5°	34.3	31.9	30.4	28.9	27.9	26.9	26.0	25.0	24.0	23.0	22.0
-3.75°	34.1	31.8	30.3	28.9	27.9	26.9	25.9	24.9	23.9	22.9	21.9
-5°	33.9	31.6	30.1	28.8	27.8	26.8	25.8	24.8	23.8	22.8	21.8
-6.25°	33.5	31.4	29.9	28.6	27.7	26.7	25.7	24.7	23.7	22.7	21.7
-7.5°	33.0	31.2	29.7	28.5	27.5	26.5	25.6	24.6	23.6	22.6	21.6
-8.75°	32.5	30.9	29.4	28.3	27.3	26.4	25.4	24.4	23.4	22.5	21.5
-10°	32.0	30.5	29.1	28.1	27.1	26.2	25.2	24.2	23.3	22.3	21.3
-11.25°	31.6	30.1	28.8	27.9	26.9	26.0	25.0	24.0	23.1	22.1	21.2
-12.5°	31.1	29.7	28.5	27.6	26.7	25.7	24.8	23.8	22.9	21.9	21.0
-13.75°	30.6	29.3	28.3	27.3	26.4	25.5	24.5	23.6	22.6	21.7	21.1
-15°	30.1	28.8	27.9	27.0	26.1	25.2	24.3	23.3	22.4	21.5	21.2
-16.25°	29.6	28.5	27.6	26.7	25.8	24.9	24.0	23.0	22.1	21.2	21.4
-17.5°	29.0	28.1	27.2	26.3	25.4	24.5	23.6	22.7	21.8	21.0	21.5
-18.75°	28.6	27.7	26.8	26.0	25.1	24.2	23.3	22.4	21.5	21.2	21.6
-20°	28.1	27.3	26.4	25.6	24.7	23.8	23.0	22.1	21.2	21.3	21.8
-21.25°	27.6	26.8	26.0	25.1	24.3	23.4	22.6	21.7	21.1	21.5	21.9



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	27.2	26.3	25.5	24.7	23.9	23.0	22.2	21.3	21.3	21.7	22.1
-23.75°	26.6	25.9	25.1	24.3	23.4	22.6	21.8	21.0	21.4	21.9	22.3
-25°	26.1	25.3	24.6	23.8	23.0	22.2	21.4	21.2	21.6	22.1	22.5
-26.25°	25.6	24.8	24.1	23.3	22.5	21.7	21.0	21.4	21.8	22.3	22.7
-27.5°	25.0	24.3	23.5	22.8	22.0	21.2	21.3	21.7	22.1	22.5	22.9
-28.75°	24.4	23.7	23.0	22.3	21.5	21.1	21.5	21.9	22.3	22.7	23.0
-30°	23.8	23.1	22.4	21.7	21.0	21.4	21.7	22.1	22.5	22.9	23.0
-31.25°	23.2	22.6	21.9	21.2	21.3	21.6	22.0	22.4	22.7	23.0	23.0
-32.5°	22.6	22.0	21.3	21.2	21.5	21.9	22.3	22.6	23.0	23.0	23.0
-33.75°	22.0	21.3	21.2	21.5	21.8	22.2	22.5	22.9	23.0	23.0	23.0
-35°	21.3	21.1	21.5	21.8	22.1	22.5	22.8	23.0	23.0	23.0	23.0
-36.25°	21.2	21.5	21.8	22.1	22.4	22.7	23.0	23.0	23.0	23.0	23.0
-37.5°	21.5	21.8	22.1	22.4	22.7	23.0	23.0	23.0	23.0	23.0	23.0
-38.75°	21.8	22.1	22.4	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0
-40°	22.2	22.5	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.6
-41.25°	22.5	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.1
-42.5°	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.1	21.5
-43.75°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.2	21.6	21.0
-45°	23.0	23.0	23.0	23.0	23.0	23.0	22.7	22.1	21.6	21.0	20.4
-46.25°	23.0	23.0	23.0	23.0	23.0	22.6	22.1	21.5	21.0	20.4	19.9
-47.5°	23.0	23.0	23.0	22.9	22.4	21.9	21.4	20.9	20.4	19.8	19.3
-48.75°	23.0	23.0	22.7	22.2	21.8	21.3	20.8	20.3	19.8	19.2	18.7
-50°	22.8	22.4	22.0	21.5	21.1	20.6	20.1	19.6	19.1	18.6	18.1
-51.25°	22.1	21.7	21.3	20.8	20.4	19.9	19.5	19.0	18.5	18.0	17.5
-52.5°	21.3	20.9	20.5	20.1	19.7	19.2	18.8	18.3	17.9	17.4	16.9
-53.75°	20.6	20.2	19.8	19.4	19.0	18.5	18.1	17.7	17.2	16.7	16.0
-55°	19.8	19.4	19.0	18.7	18.3	17.9	17.4	17.0	16.4	15.7	15.0
-56.25°	19.0	18.7	18.3	17.9	17.5	17.2	16.6	16.0	15.4	14.8	14.1
-57.5°	18.2	17.9	17.5	17.2	16.7	16.2	15.6	15.0	14.4	13.8	13.2
-58.75°	17.4	17.1	16.7	16.2	15.6	15.1	14.5	14.0	13.4	12.8	12.2
-60°	16.5	16.0	15.5	15.0	14.5	14.0	13.5	13.0	12.4	11.8	11.3
-61.25°	15.3	14.8	14.4	13.9	13.4	12.9	12.4	11.9	11.4	10.9	10.5
-62.5°	14.1	13.7	13.2	12.8	12.3	11.9	11.4	10.9	10.6	10.2	9.9
-63.75°	12.9	12.5	12.1	11.7	11.2	10.8	10.5	10.2	9.9	9.6	9.2
-65°	11.7	11.3	10.9	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6
-66.25°	10.7	10.4	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9
-67.5°	9.8	9.6	9.4	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.3
-68.75°	9.0	8.8	8.6	8.4	8.1	7.9	7.7	7.4	7.1	7.0	7.0
-70°	8.2	8.0	7.8	7.6	7.4	7.2	7.0	7.0	7.0	7.0	7.0
-71.25°	7.4	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-72.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8
-73.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.6	6.5
-75°	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.1
-76.25°	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8
-77.5°	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1
-80°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.6	4.5
-81.25°	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8
-82.5°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-83.75°	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
-85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
-86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
81.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5
80°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
78.75°	5.0	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
77.5°	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5	4.3	4.2	4.0
76.25°	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5
75°	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	4.9
73.75°	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2
72.5°	6.7	6.6	6.5	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5
71.25°	7.0	6.9	6.8	6.6	6.5	6.4	6.2	6.1	6.0	5.8	5.7
70°	7.0	7.0	7.0	6.9	6.8	6.7	6.5	6.4	6.2	6.1	5.9
68.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.6	6.5	6.3	6.2
67.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.6	6.4
66.25°	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.6
65°	8.3	7.9	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	6.9
63.75°	8.9	8.6	8.2	7.9	7.5	7.1	7.0	7.0	7.0	7.0	7.0
62.5°	9.5	9.2	8.8	8.4	8.1	7.7	7.3	7.0	7.0	7.0	7.0
61.25°	10.2	9.8	9.4	9.0	8.6	8.2	7.8	7.4	7.0	7.0	7.0
60°	10.8	10.4	10.0	9.6	9.2	8.8	8.3	7.9	7.5	7.0	7.0
58.75°	11.6	11.0	10.6	10.2	9.7	9.3	8.8	8.4	7.9	7.5	7.0
57.5°	12.5	11.9	11.2	10.7	10.3	9.8	9.4	8.9	8.4	7.9	7.5
56.25°	13.5	12.8	12.1	11.4	10.8	10.3	9.9	9.4	8.9	8.4	7.9
55°	14.4	13.7	13.0	12.2	11.5	10.9	10.4	9.9	9.4	8.8	8.3
53.75°	15.3	14.5	13.8	13.1	12.3	11.6	10.9	10.3	9.8	9.3	8.8
52.5°	16.1	15.4	14.6	13.9	13.1	12.3	11.5	10.8	10.3	9.7	9.2
51.25°	17.0	16.2	15.5	14.7	13.9	13.1	12.2	11.4	10.7	10.2	9.6
50°	17.6	17.1	16.3	15.5	14.6	13.8	13.0	12.1	11.2	10.6	10.0
48.75°	18.2	17.6	17.1	16.2	15.4	14.5	13.7	12.8	11.9	11.0	10.4
47.5°	18.7	18.2	17.6	17.0	16.1	15.3	14.4	13.5	12.5	11.6	10.8
46.25°	19.3	18.7	18.1	17.5	16.9	16.0	15.0	14.1	13.2	12.2	11.3
45°	19.8	19.2	18.6	18.0	17.4	16.7	15.7	14.8	13.8	12.8	11.8
43.75°	20.4	19.8	19.1	18.5	17.9	17.2	16.4	15.4	14.4	13.4	12.4
42.5°	20.9	20.3	19.6	19.0	18.3	17.7	17.0	16.0	15.0	14.0	13.0
41.25°	21.4	20.8	20.1	19.5	18.8	18.1	17.4	16.6	15.6	14.5	13.5
40°	21.9	21.3	20.6	19.9	19.2	18.5	17.9	17.2	16.2	15.1	14.0
38.75°	22.4	21.8	21.1	20.4	19.7	19.0	18.3	17.5	16.7	15.6	14.5
37.5°	22.9	22.2	21.5	20.8	20.1	19.4	18.7	17.9	17.2	16.2	15.0
36.25°	23.0	22.7	22.0	21.3	20.5	19.8	19.0	18.3	17.5	16.7	15.5
35°	23.0	23.0	22.4	21.7	20.9	20.2	19.4	18.7	17.9	17.1	16.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	23.0	23.0	22.8	22.1	21.3	20.6	19.8	19.0	18.2	17.4	16.5
32.5°	23.0	23.0	23.0	22.5	21.7	20.9	20.1	19.4	18.6	17.8	16.9
31.25°	23.0	23.0	23.0	22.9	22.1	21.3	20.5	19.7	18.9	18.1	17.2
30°	23.0	23.0	23.0	23.0	22.5	21.6	20.8	20.0	19.2	18.4	17.5
28.75°	23.0	23.0	23.0	23.0	22.8	22.0	21.2	20.3	19.5	18.6	17.8
27.5°	23.0	23.0	23.0	23.0	23.0	22.3	21.5	20.6	19.8	18.9	18.1
26.25°	23.0	23.0	23.0	23.0	23.0	22.6	21.8	20.9	20.0	19.2	18.3
25°	22.9	23.0	23.0	23.0	23.0	22.9	22.1	21.2	20.3	19.4	18.6
23.75°	22.7	23.0	23.0	23.0	23.0	23.0	22.3	21.5	20.6	19.7	18.8
22.5°	22.6	23.0	23.0	23.0	23.0	23.0	22.6	21.7	20.8	19.9	19.0
21.25°	22.4	22.8	23.0	23.0	23.0	23.0	22.9	21.9	21.0	20.1	19.2
20°	22.2	22.7	23.0	23.0	23.0	23.0	23.0	22.2	21.3	20.3	19.4
18.75°	22.1	22.5	23.0	23.0	23.0	23.0	23.0	22.4	21.5	20.5	19.6
17.5°	22.0	22.4	22.9	23.0	23.0	23.0	23.0	22.6	21.7	20.7	19.8
16.25°	21.8	22.3	22.8	23.0	23.0	23.0	23.0	22.8	21.8	20.9	19.9
15°	21.7	22.2	22.6	23.0	23.0	23.0	23.0	23.0	22.0	21.1	20.1
13.75°	21.6	22.1	22.5	23.0	23.0	23.0	23.0	23.0	22.2	21.2	20.2
12.5°	21.5	22.0	22.5	22.9	23.0	23.0	23.0	23.0	22.3	21.3	20.4
11.25°	21.4	21.9	22.4	22.9	23.0	23.0	23.0	23.0	22.4	21.5	20.5
10°	21.3	21.8	22.3	22.8	23.0	23.0	23.0	23.0	22.6	21.6	20.6
8.75°	21.2	21.7	22.2	22.7	23.0	23.0	23.0	23.0	22.7	21.7	20.7
7.5°	21.2	21.7	22.2	22.7	23.0	23.0	23.0	23.0	22.8	21.8	20.8
6.25°	21.1	21.6	22.1	22.6	23.0	23.0	23.0	23.0	22.8	21.8	20.8
5°	21.1	21.6	22.1	22.6	23.0	23.0	23.0	23.0	22.9	21.9	20.9
3.75°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	22.9	21.9	20.9
2.5°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	23.0	22.0	21.0
1.25°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	23.0	22.0	21.0
0°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	23.0	22.0	21.0
-1.25°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	23.0	22.0	21.0
-2.5°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	23.0	22.0	21.0
-3.75°	21.0	21.5	22.0	22.5	23.0	23.0	23.0	23.0	22.9	21.9	20.9
-5°	21.1	21.6	22.1	22.6	23.0	23.0	23.0	23.0	22.9	21.9	20.9
-6.25°	21.1	21.6	22.1	22.6	23.0	23.0	23.0	23.0	22.8	21.8	20.8
-7.5°	21.2	21.7	22.2	22.7	23.0	23.0	23.0	23.0	22.8	21.8	20.8
-8.75°	21.2	21.7	22.2	22.7	23.0	23.0	23.0	23.0	22.7	21.7	20.7
-10°	21.3	21.8	22.3	22.8	23.0	23.0	23.0	23.0	22.6	21.6	20.6
-11.25°	21.4	21.9	22.4	22.9	23.0	23.0	23.0	23.0	22.4	21.5	20.5
-12.5°	21.5	22.0	22.5	22.9	23.0	23.0	23.0	23.0	22.3	21.3	20.4
-13.75°	21.6	22.1	22.5	23.0	23.0	23.0	23.0	23.0	22.2	21.2	20.2
-15°	21.7	22.2	22.6	23.0	23.0	23.0	23.0	23.0	22.0	21.1	20.1
-16.25°	21.8	22.3	22.8	23.0	23.0	23.0	23.0	22.8	21.8	20.9	19.9
-17.5°	22.0	22.4	22.9	23.0	23.0	23.0	23.0	22.6	21.7	20.7	19.8
-18.75°	22.1	22.5	23.0	23.0	23.0	23.0	23.0	22.4	21.5	20.5	19.6
-20°	22.2	22.7	23.0	23.0	23.0	23.0	23.0	22.2	21.3	20.3	19.4
-21.25°	22.4	22.8	23.0	23.0	23.0	23.0	22.9	21.9	21.0	20.1	19.2



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	22.6	23.0	23.0	23.0	23.0	23.0	22.6	21.7	20.8	19.9	19.0
-23.75°	22.7	23.0	23.0	23.0	23.0	23.0	22.3	21.5	20.6	19.7	18.8
-25°	22.9	23.0	23.0	23.0	23.0	22.9	22.1	21.2	20.3	19.4	18.6
-26.25°	23.0	23.0	23.0	23.0	23.0	22.6	21.8	20.9	20.0	19.2	18.3
-27.5°	23.0	23.0	23.0	23.0	23.0	22.3	21.5	20.6	19.8	18.9	18.1
-28.75°	23.0	23.0	23.0	23.0	22.8	22.0	21.2	20.3	19.5	18.6	17.8
-30°	23.0	23.0	23.0	23.0	22.5	21.6	20.8	20.0	19.2	18.4	17.5
-31.25°	23.0	23.0	23.0	22.9	22.1	21.3	20.5	19.7	18.9	18.1	17.2
-32.5°	23.0	23.0	23.0	22.5	21.7	20.9	20.1	19.4	18.6	17.8	16.9
-33.75°	23.0	23.0	22.8	22.1	21.3	20.6	19.8	19.0	18.2	17.4	16.5
-35°	23.0	23.0	22.4	21.7	20.9	20.2	19.4	18.7	17.9	17.1	16.0
-36.25°	23.0	22.7	22.0	21.3	20.5	19.8	19.0	18.3	17.5	16.7	15.5
-37.5°	22.9	22.2	21.5	20.8	20.1	19.4	18.7	17.9	17.2	16.2	15.0
-38.75°	22.4	21.8	21.1	20.4	19.7	19.0	18.3	17.5	16.7	15.6	14.5
-40°	21.9	21.3	20.6	19.9	19.2	18.5	17.9	17.2	16.2	15.1	14.0
-41.25°	21.4	20.8	20.1	19.5	18.8	18.1	17.4	16.6	15.6	14.5	13.5
-42.5°	20.9	20.3	19.6	19.0	18.3	17.7	17.0	16.0	15.0	14.0	13.0
-43.75°	20.4	19.8	19.1	18.5	17.9	17.2	16.4	15.4	14.4	13.4	12.4
-45°	19.8	19.2	18.6	18.0	17.4	16.7	15.7	14.8	13.8	12.8	11.8
-46.25°	19.3	18.7	18.1	17.5	16.9	16.0	15.0	14.1	13.2	12.2	11.3
-47.5°	18.7	18.2	17.6	17.0	16.1	15.3	14.4	13.5	12.5	11.6	10.8
-48.75°	18.2	17.6	17.1	16.2	15.4	14.5	13.7	12.8	11.9	11.0	10.4
-50°	17.6	17.1	16.3	15.5	14.6	13.8	13.0	12.1	11.2	10.6	10.0
-51.25°	17.0	16.2	15.5	14.7	13.9	13.1	12.2	11.4	10.7	10.2	9.6
-52.5°	16.1	15.4	14.6	13.9	13.1	12.3	11.5	10.8	10.3	9.7	9.2
-53.75°	15.3	14.5	13.8	13.1	12.3	11.6	10.9	10.3	9.8	9.3	8.8
-55°	14.4	13.7	13.0	12.2	11.5	10.9	10.4	9.9	9.4	8.8	8.3
-56.25°	13.5	12.8	12.1	11.4	10.8	10.3	9.9	9.4	8.9	8.4	7.9
-57.5°	12.5	11.9	11.2	10.7	10.3	9.8	9.4	8.9	8.4	7.9	7.5
-58.75°	11.6	11.0	10.6	10.2	9.7	9.3	8.8	8.4	7.9	7.5	7.0
-60°	10.8	10.4	10.0	9.6	9.2	8.8	8.3	7.9	7.5	7.0	7.0
-61.25°	10.2	9.8	9.4	9.0	8.6	8.2	7.8	7.4	7.0	7.0	7.0
-62.5°	9.5	9.2	8.8	8.4	8.1	7.7	7.3	7.0	7.0	7.0	7.0
-63.75°	8.9	8.6	8.2	7.9	7.5	7.1	7.0	7.0	7.0	7.0	7.0
-65°	8.3	7.9	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	6.9
-66.25°	7.6	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.6
-67.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.7	6.6	6.4
-68.75°	7.0	7.0	7.0	7.0	7.0	7.0	6.8	6.6	6.5	6.3	6.2
-70°	7.0	7.0	7.0	6.9	6.8	6.7	6.5	6.4	6.2	6.1	5.9
-71.25°	7.0	6.9	6.8	6.6	6.5	6.4	6.2	6.1	6.0	5.8	5.7
-72.5°	6.7	6.6	6.5	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5
-73.75°	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2
-75°	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	4.9
-76.25°	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5
-77.5°	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.5	4.3	4.2	4.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	5.0	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5
-80°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
-81.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.6	2.5
-82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
-85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
-86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
78.75°	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
77.5°	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8
76.25°	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.1
75°	4.7	4.5	4.3	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.3
73.75°	5.1	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6
72.5°	5.3	5.2	5.1	4.8	4.6	4.3	4.0	3.7	3.4	3.2	2.9
71.25°	5.6	5.4	5.3	5.1	5.0	4.7	4.4	4.0	3.7	3.4	3.1
70°	5.8	5.6	5.5	5.3	5.2	5.0	4.7	4.4	4.0	3.7	3.4
68.75°	6.0	5.9	5.7	5.5	5.4	5.2	5.0	4.7	4.4	4.0	3.7
67.5°	6.2	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.7	4.3	3.9
66.25°	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.6	4.2
65°	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.4
63.75°	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.7
62.5°	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2	4.9
61.25°	7.0	7.0	6.9	6.7	6.5	6.2	6.0	5.8	5.6	5.3	5.1
60°	7.0	7.0	7.0	6.9	6.6	6.4	6.2	5.9	5.7	5.5	5.2
58.75°	7.0	7.0	7.0	7.0	6.8	6.6	6.3	6.1	5.8	5.6	5.3
57.5°	7.0	7.0	7.0	7.0	7.0	6.7	6.5	6.2	6.0	5.7	5.5
56.25°	7.4	7.0	7.0	7.0	7.0	6.9	6.6	6.4	6.1	5.8	5.6
55°	7.8	7.3	7.0	7.0	7.0	7.0	6.8	6.5	6.2	6.0	5.7
53.75°	8.2	7.7	7.1	7.0	7.0	7.0	7.0	6.7	6.4	6.1	5.8
52.5°	8.6	8.1	7.5	7.0	7.0	7.0	7.0	6.8	6.5	6.2	5.9
51.25°	9.0	8.4	7.9	7.3	7.0	7.0	7.0	6.9	6.6	6.3	6.0
50°	9.4	8.8	8.2	7.6	7.0	7.0	7.0	7.0	6.8	6.5	6.1
48.75°	9.8	9.2	8.6	7.9	7.3	7.0	7.0	7.0	6.9	6.6	6.3
47.5°	10.2	9.5	8.9	8.3	7.6	7.0	7.0	7.0	7.0	6.7	6.4
46.25°	10.5	9.9	9.2	8.6	7.9	7.3	7.0	7.0	7.0	6.8	6.5
45°	10.9	10.2	9.6	8.9	8.2	7.6	7.0	7.0	7.0	6.9	6.6
43.75°	11.4	10.6	9.9	9.2	8.5	7.8	7.1	7.0	7.0	7.0	6.7
42.5°	11.9	10.9	10.2	9.5	8.8	8.1	7.4	7.0	7.0	7.0	6.8
41.25°	12.4	11.4	10.5	9.8	9.1	8.4	7.7	7.0	7.0	7.0	6.9
40°	12.9	11.9	10.8	10.1	9.4	8.6	7.9	7.2	7.0	7.0	7.0
38.75°	13.4	12.3	11.2	10.4	9.6	8.9	8.1	7.4	7.0	7.0	7.0
37.5°	13.9	12.8	11.7	10.7	9.9	9.1	8.4	7.6	7.0	7.0	7.0
36.25°	14.4	13.2	12.1	10.9	10.2	9.4	8.6	7.8	7.0	7.0	7.0
35°	14.8	13.7	12.5	11.3	10.4	9.6	8.8	8.0	7.2	7.0	7.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	15.3	14.1	12.9	11.7	10.7	9.8	9.0	8.2	7.4	7.0	7.0
32.5°	15.7	14.5	13.3	12.1	10.9	10.1	9.2	8.4	7.6	7.0	7.0
31.25°	16.1	14.9	13.7	12.4	11.2	10.3	9.4	8.6	7.8	7.0	7.0
30°	16.5	15.3	14.0	12.8	11.5	10.5	9.6	8.8	7.9	7.1	7.0
28.75°	16.9	15.7	14.4	13.1	11.8	10.7	9.8	9.0	8.1	7.2	7.0
27.5°	17.2	16.0	14.7	13.4	12.1	10.9	10.0	9.1	8.3	7.4	7.0
26.25°	17.4	16.4	15.0	13.7	12.4	11.1	10.2	9.3	8.4	7.5	7.0
25°	17.7	16.7	15.4	14.0	12.7	11.4	10.3	9.4	8.5	7.7	7.0
23.75°	17.9	17.0	15.7	14.3	13.0	11.6	10.5	9.6	8.7	7.8	7.0
22.5°	18.1	17.2	15.9	14.6	13.2	11.8	10.7	9.7	8.8	7.9	7.0
21.25°	18.3	17.4	16.2	14.8	13.5	12.1	10.8	9.9	8.9	8.0	7.1
20°	18.5	17.6	16.5	15.1	13.7	12.3	10.9	10.0	9.1	8.1	7.2
18.75°	18.7	17.7	16.7	15.3	13.9	12.5	11.1	10.1	9.2	8.2	7.3
17.5°	18.8	17.9	16.9	15.5	14.1	12.7	11.3	10.2	9.3	8.3	7.4
16.25°	19.0	18.1	17.1	15.7	14.3	12.9	11.4	10.3	9.4	8.4	7.5
15°	19.1	18.2	17.2	15.9	14.5	13.0	11.6	10.4	9.5	8.5	7.5
13.75°	19.3	18.3	17.4	16.1	14.6	13.2	11.7	10.5	9.6	8.6	7.6
12.5°	19.4	18.4	17.5	16.2	14.8	13.3	11.9	10.6	9.6	8.7	7.7
11.25°	19.5	18.5	17.6	16.4	14.9	13.5	12.0	10.7	9.7	8.7	7.7
10°	19.6	18.6	17.7	16.5	15.0	13.6	12.1	10.7	9.8	8.8	7.8
8.75°	19.7	18.7	17.7	16.6	15.1	13.7	12.2	10.8	9.8	8.8	7.8
7.5°	19.8	18.8	17.8	16.7	15.2	13.8	12.3	10.9	9.9	8.9	7.9
6.25°	19.9	18.9	17.9	16.8	15.3	13.8	12.3	10.9	9.9	8.9	7.9
5°	19.9	18.9	17.9	16.9	15.4	13.9	12.4	10.9	9.9	8.9	7.9
3.75°	19.9	18.9	18.0	16.9	15.4	13.9	12.4	11.0	10.0	9.0	8.0
2.5°	20.0	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0	9.0	8.0
1.25°	20.0	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0	9.0	8.0
0°	20.0	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0	9.0	8.0
-1.25°	20.0	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0	9.0	8.0
-2.5°	20.0	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0	9.0	8.0
-3.75°	19.9	18.9	18.0	16.9	15.4	13.9	12.4	11.0	10.0	9.0	8.0
-5°	19.9	18.9	17.9	16.9	15.4	13.9	12.4	10.9	9.9	8.9	7.9
-6.25°	19.9	18.9	17.9	16.8	15.3	13.8	12.3	10.9	9.9	8.9	7.9
-7.5°	19.8	18.8	17.8	16.7	15.2	13.8	12.3	10.9	9.9	8.9	7.9
-8.75°	19.7	18.7	17.7	16.6	15.1	13.7	12.2	10.8	9.8	8.8	7.8
-10°	19.6	18.6	17.7	16.5	15.0	13.6	12.1	10.7	9.8	8.8	7.8
-11.25°	19.5	18.5	17.6	16.4	14.9	13.5	12.0	10.7	9.7	8.7	7.7
-12.5°	19.4	18.4	17.5	16.2	14.8	13.3	11.9	10.6	9.6	8.7	7.7
-13.75°	19.3	18.3	17.4	16.1	14.6	13.2	11.7	10.5	9.6	8.6	7.6
-15°	19.1	18.2	17.2	15.9	14.5	13.0	11.6	10.4	9.5	8.5	7.5
-16.25°	19.0	18.1	17.1	15.7	14.3	12.9	11.4	10.3	9.4	8.4	7.5
-17.5°	18.8	17.9	16.9	15.5	14.1	12.7	11.3	10.2	9.3	8.3	7.4
-18.75°	18.7	17.7	16.7	15.3	13.9	12.5	11.1	10.1	9.2	8.2	7.3
-20°	18.5	17.6	16.5	15.1	13.7	12.3	10.9	10.0	9.1	8.1	7.2
-21.25°	18.3	17.4	16.2	14.8	13.5	12.1	10.8	9.9	8.9	8.0	7.1



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
-80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
-82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
-83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	7.0	6.6	6.1	5.7	5.3	4.8	4.0	3.2	2.3	1.5	0.8
32.5°	7.0	6.6	6.2	5.8	5.4	4.9	4.1	3.2	2.4	1.5	0.8
31.25°	7.0	6.7	6.3	5.8	5.4	5.0	4.1	3.3	2.4	1.6	0.9
30°	7.0	6.8	6.3	5.9	5.5	5.0	4.2	3.3	2.5	1.6	0.9
28.75°	7.0	6.8	6.4	5.9	5.5	5.1	4.3	3.4	2.5	1.6	0.9
27.5°	7.0	6.9	6.4	6.0	5.5	5.1	4.3	3.4	2.5	1.7	0.9
26.25°	7.0	6.9	6.5	6.0	5.6	5.1	4.4	3.5	2.6	1.7	0.9
25°	7.0	7.0	6.5	6.1	5.6	5.2	4.4	3.5	2.6	1.7	0.9
23.75°	7.0	7.0	6.6	6.1	5.7	5.2	4.5	3.6	2.7	1.7	0.9
22.5°	7.0	7.0	6.6	6.2	5.7	5.2	4.5	3.6	2.7	1.8	0.9
21.25°	7.0	7.0	6.7	6.2	5.7	5.3	4.6	3.7	2.7	1.8	0.9
20°	7.0	7.0	6.7	6.2	5.8	5.3	4.6	3.7	2.8	1.8	0.9
18.75°	7.0	7.0	6.7	6.3	5.8	5.3	4.7	3.7	2.8	1.8	0.9
17.5°	7.0	7.0	6.8	6.3	5.8	5.3	4.7	3.8	2.8	1.9	1.0
16.25°	7.0	7.0	6.8	6.3	5.8	5.4	4.8	3.8	2.8	1.9	1.0
15°	7.0	7.0	6.8	6.3	5.9	5.4	4.8	3.8	2.9	1.9	1.0
13.75°	7.0	7.0	6.9	6.4	5.9	5.4	4.8	3.9	2.9	1.9	1.0
12.5°	7.0	7.0	6.9	6.4	5.9	5.4	4.9	3.9	2.9	1.9	1.0
11.25°	7.0	7.0	6.9	6.4	5.9	5.4	4.9	3.9	2.9	1.9	1.0
10°	7.0	7.0	6.9	6.4	5.9	5.4	4.9	3.9	2.9	2.0	1.0
8.75°	7.0	7.0	6.9	6.4	6.0	5.5	4.9	3.9	3.0	2.0	1.0
7.5°	7.0	7.0	7.0	6.5	6.0	5.5	4.9	4.0	3.0	2.0	1.0
6.25°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
5°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
3.75°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
2.5°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
1.25°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
0°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
-1.25°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
-2.5°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
-3.75°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
-5°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
-6.25°	7.0	7.0	7.0	6.5	6.0	5.5	5.0	4.0	3.0	2.0	1.0
-7.5°	7.0	7.0	7.0	6.5	6.0	5.5	4.9	4.0	3.0	2.0	1.0
-8.75°	7.0	7.0	6.9	6.4	6.0	5.5	4.9	3.9	3.0	2.0	1.0
-10°	7.0	7.0	6.9	6.4	5.9	5.4	4.9	3.9	2.9	2.0	1.0
-11.25°	7.0	7.0	6.9	6.4	5.9	5.4	4.9	3.9	2.9	1.9	1.0
-12.5°	7.0	7.0	6.9	6.4	5.9	5.4	4.9	3.9	2.9	1.9	1.0
-13.75°	7.0	7.0	6.9	6.4	5.9	5.4	4.8	3.9	2.9	1.9	1.0
-15°	7.0	7.0	6.8	6.3	5.9	5.4	4.8	3.8	2.9	1.9	1.0
-16.25°	7.0	7.0	6.8	6.3	5.8	5.4	4.8	3.8	2.8	1.9	1.0
-17.5°	7.0	7.0	6.8	6.3	5.8	5.3	4.7	3.8	2.8	1.9	1.0
-18.75°	7.0	7.0	6.7	6.3	5.8	5.3	4.7	3.7	2.8	1.8	0.9
-20°	7.0	7.0	6.7	6.2	5.8	5.3	4.6	3.7	2.8	1.8	0.9
-21.25°	7.0	7.0	6.7	6.2	5.7	5.3	4.6	3.7	2.7	1.8	0.9



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCCR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221148 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCCR-M-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)