

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: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

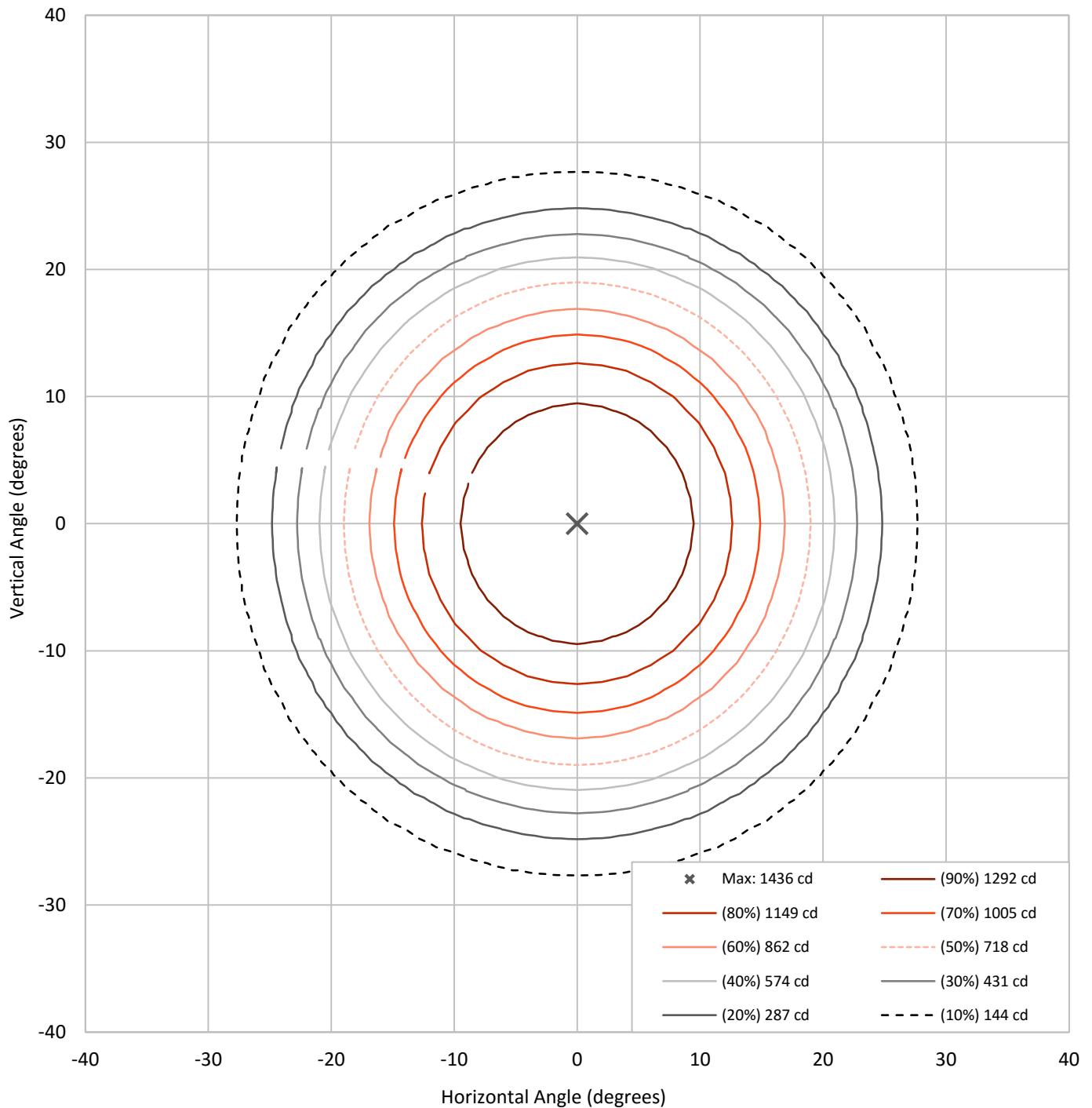
Test Method: LM-79-08
Report Number: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29552)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	631.4 lumens	Max Intensity:	1436 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	26.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	38°H x 38°V	Field Angle (10%):	55.2°H x 55.2°V
Beam Lumens:	374.8 lumens	Field Lumens:	518.4 lumens
Beam Efficiency:	59.4%	Field Efficiency:	82.1%
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





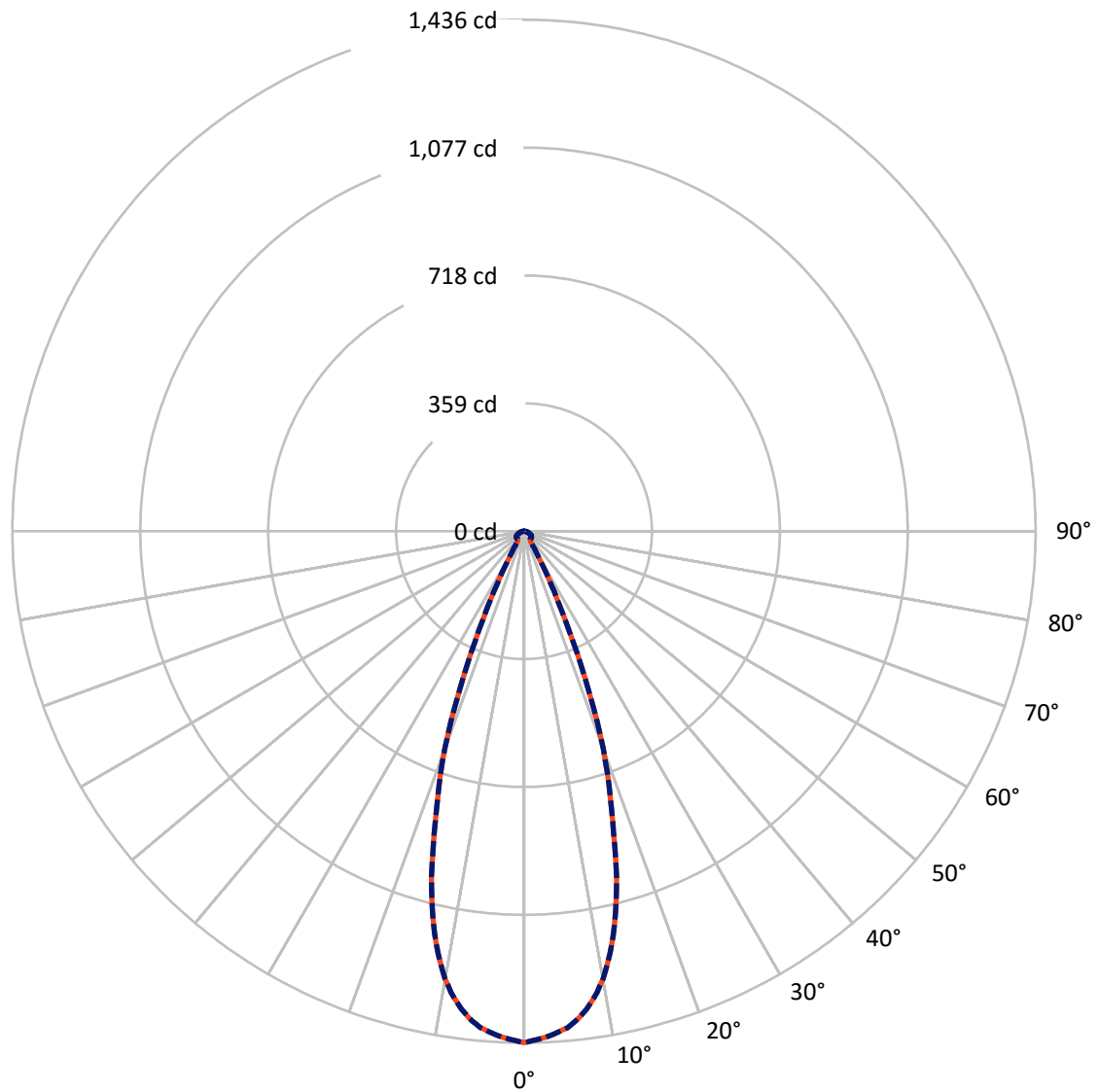
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Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.2	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.5	0.7	0.7	0.8	0.8	0.7	0.7	0.5	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.2				
30	0.2	0.2	0.4	0.6	0.7	1.0	3.6	8.2	8.2	3.6	1.0	0.7	0.6	0.4	0.2	0.2			
20		0.2	0.4	0.6	0.7	3.4	16.1	27.8	27.8	16.1	3.4	0.7	0.6	0.4	0.2				
10	0.2	0.2	0.4	0.6	0.9	7.5	27.0	40.3	40.3	27.0	7.5	0.9	0.6	0.4	0.2	0.2			
0		0.2	0.4	0.6	0.9	7.5	27.0	40.3	40.3	27.0	7.5	0.9	0.6	0.4	0.2				
-10	0.2	0.2	0.4	0.6	0.9	7.5	27.0	40.3	40.3	27.0	7.5	0.9	0.6	0.4	0.2	0.2			
-20		0.2	0.4	0.6	0.7	3.4	16.1	27.8	27.8	16.1	3.4	0.7	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.6	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.4	0.5	0.7	0.7	0.8	0.8	0.7	0.7	0.5	0.4	0.2	0.1	0.1			
-60		0.1	0.2	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.2	0.2	0.1				
-70	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0						0.0				
-80		0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0						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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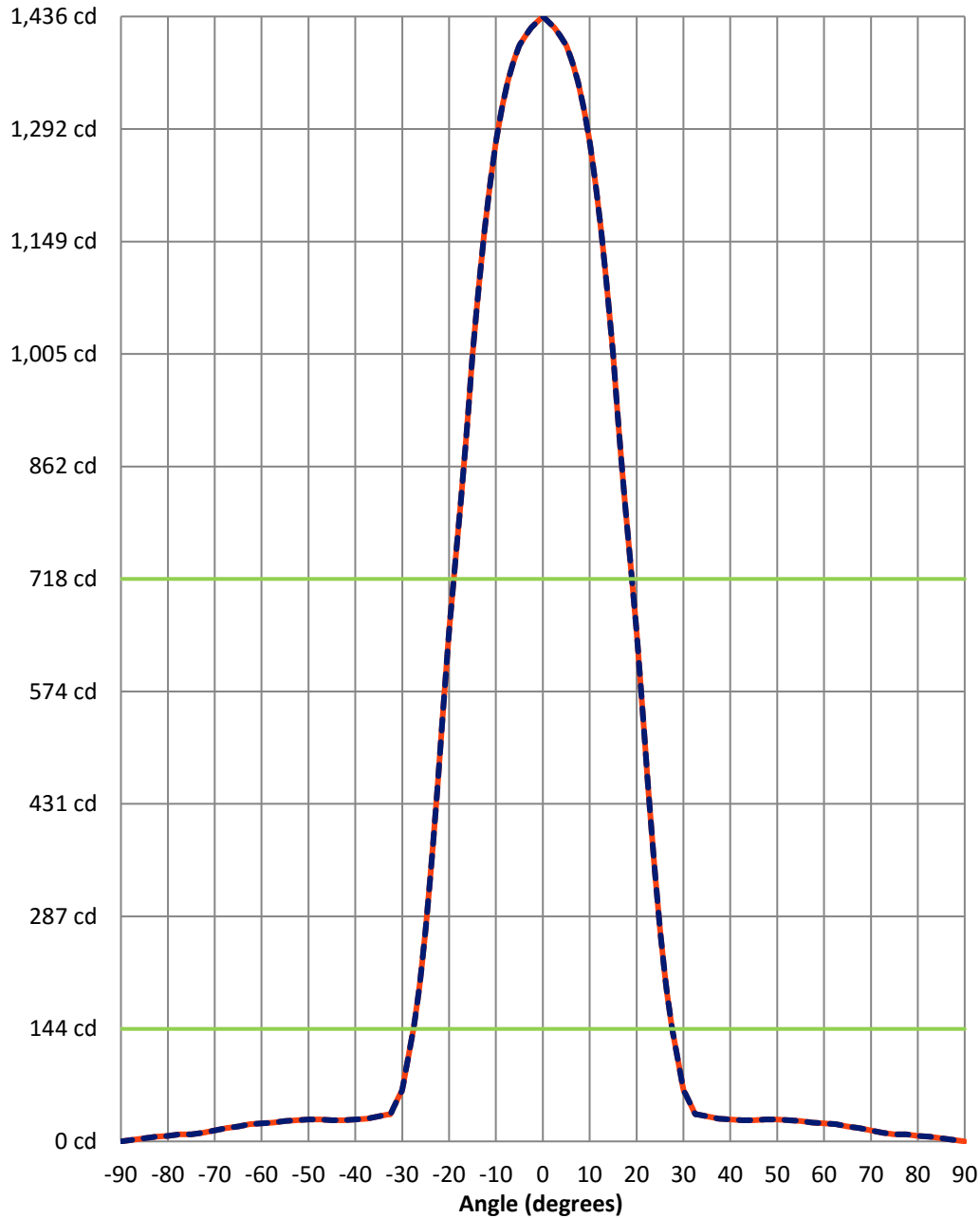
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 38°
 V Angle: 38°
 Lumens: 374.8
 Efficiency: 59.4%

Field:
 H Angle: 55.2°
 V Angle: 55.2°
 Lumens: 518.4
 Efficiency: 82.1%

Spill:
 Lumens: 113
 Efficiency: 17.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.7	1.9
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-81.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-82.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-86.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
82.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
81.25°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1
80°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.4	3.5
78.75°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
77.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4
76.25°	2.6	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8
75°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.8	5.0	5.3
73.75°	3.1	3.3	3.6	3.9	4.1	4.4	4.7	4.9	5.2	5.4	5.7
72.5°	3.3	3.6	3.9	4.2	4.4	4.7	5.0	5.3	5.6	5.8	6.1
71.25°	3.5	3.8	4.1	4.4	4.7	5.0	5.4	5.7	6.0	6.1	6.3
70°	3.7	4.1	4.4	4.7	5.0	5.4	5.7	6.0	6.2	6.3	6.5
68.75°	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.2	6.4	6.5	6.7
67.5°	4.2	4.5	4.9	5.3	5.7	6.0	6.2	6.4	6.5	6.7	6.9
66.25°	4.4	4.8	5.2	5.6	6.0	6.2	6.4	6.5	6.7	6.9	7.2
65°	4.6	5.0	5.4	5.8	6.1	6.3	6.5	6.7	6.9	7.2	7.6
63.75°	4.8	5.3	5.7	6.1	6.3	6.5	6.7	6.9	7.2	7.6	8.0
62.5°	5.0	5.5	5.9	6.2	6.4	6.6	6.9	7.1	7.6	8.0	8.4
61.25°	5.3	5.7	6.1	6.3	6.6	6.8	7.0	7.5	7.9	8.4	8.8
60°	5.5	5.9	6.2	6.5	6.7	6.9	7.4	7.8	8.3	8.8	9.0
58.75°	5.7	6.1	6.3	6.6	6.8	7.2	7.7	8.2	8.6	9.0	9.0
57.5°	5.9	6.2	6.5	6.7	7.0	7.5	8.0	8.5	9.0	9.0	9.0
56.25°	6.0	6.3	6.6	6.8	7.2	7.8	8.3	8.8	9.0	9.0	9.0
55°	6.1	6.4	6.7	7.0	7.5	8.1	8.6	9.0	9.0	9.0	9.0
53.75°	6.2	6.5	6.8	7.2	7.8	8.3	8.9	9.0	9.0	9.0	9.1
52.5°	6.3	6.6	6.9	7.4	8.0	8.6	9.0	9.0	9.0	9.0	9.5
51.25°	6.4	6.7	7.1	7.7	8.3	8.9	9.0	9.0	9.0	9.3	9.9
50°	6.5	6.8	7.3	7.9	8.5	9.0	9.0	9.0	9.0	9.6	10.2
48.75°	6.6	6.9	7.5	8.1	8.8	9.0	9.0	9.0	9.3	9.9	10.6
47.5°	6.7	7.1	7.7	8.4	9.0	9.0	9.0	9.0	9.6	10.3	10.9
46.25°	6.8	7.2	7.9	8.6	9.0	9.0	9.0	9.3	9.9	10.6	11.4
45°	6.9	7.4	8.1	8.8	9.0	9.0	9.0	9.6	10.2	10.9	11.9
43.75°	7.0	7.6	8.3	9.0	9.0	9.0	9.1	9.8	10.5	11.3	12.4
42.5°	7.1	7.8	8.5	9.0	9.0	9.0	9.4	10.1	10.8	11.8	12.8
41.25°	7.2	8.0	8.7	9.0	9.0	9.0	9.7	10.4	11.2	12.2	13.3
40°	7.4	8.1	8.9	9.0	9.0	9.2	9.9	10.6	11.6	12.7	13.8
38.75°	7.5	8.3	9.0	9.0	9.0	9.4	10.1	10.9	12.0	13.1	14.2
37.5°	7.7	8.5	9.0	9.0	9.0	9.6	10.4	11.2	12.4	13.5	14.7
36.25°	7.8	8.6	9.0	9.0	9.0	9.8	10.6	11.6	12.7	13.9	15.1
35°	8.0	8.8	9.0	9.0	9.2	10.0	10.8	11.9	13.1	14.3	15.5



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	8.1	8.9	9.0	9.0	9.4	10.2	11.0	12.3	13.5	14.7	15.9
32.5°	8.3	9.0	9.0	9.0	9.6	10.4	11.4	12.6	13.8	15.1	16.3
31.25°	8.4	9.0	9.0	9.0	9.8	10.6	11.7	12.9	14.2	15.4	16.7
30°	8.5	9.0	9.0	9.1	9.9	10.8	12.0	13.2	14.5	15.8	17.0
28.75°	8.6	9.0	9.0	9.2	10.1	11.0	12.2	13.5	14.8	16.1	17.3
27.5°	8.7	9.0	9.0	9.4	10.3	11.2	12.5	13.8	15.1	16.4	17.5
26.25°	8.8	9.0	9.0	9.5	10.4	11.4	12.8	14.1	15.4	16.7	17.7
25°	9.0	9.0	9.0	9.7	10.5	11.7	13.0	14.4	15.7	17.0	17.9
23.75°	9.0	9.0	9.0	9.8	10.7	11.9	13.2	14.6	16.0	17.2	18.1
22.5°	9.0	9.0	9.0	9.9	10.8	12.1	13.5	14.8	16.2	17.4	18.3
21.25°	9.0	9.0	9.1	10.0	10.9	12.3	13.7	15.1	16.5	17.6	18.5
20°	9.0	9.0	9.2	10.1	11.1	12.5	13.9	15.3	16.7	17.7	18.6
18.75°	9.0	9.0	9.3	10.2	11.3	12.7	14.1	15.5	16.9	17.9	18.8
17.5°	9.0	9.0	9.4	10.3	11.4	12.8	14.3	15.7	17.1	18.0	19.0
16.25°	9.0	9.0	9.5	10.4	11.6	13.0	14.4	15.9	17.2	18.1	19.2
15°	9.0	9.0	9.5	10.5	11.7	13.1	14.6	16.0	17.3	18.3	19.3
13.75°	9.0	9.0	9.6	10.6	11.8	13.3	14.7	16.2	17.4	18.4	19.5
12.5°	9.0	9.0	9.7	10.7	11.9	13.4	14.9	16.3	17.5	18.5	19.7
11.25°	9.0	9.0	9.7	10.7	12.1	13.5	15.0	16.5	17.6	18.6	19.9
10°	9.0	9.0	9.8	10.8	12.1	13.6	15.1	16.6	17.7	18.7	20.0
8.75°	9.0	9.0	9.8	10.8	12.2	13.7	15.2	16.7	17.8	18.8	20.1
7.5°	9.0	9.0	9.9	10.9	12.3	13.8	15.3	16.8	17.8	18.8	20.2
6.25°	9.0	9.0	9.9	10.9	12.4	13.9	15.3	16.8	17.9	18.9	20.3
5°	9.0	9.0	9.9	10.9	12.4	13.9	15.4	16.9	17.9	18.9	20.4
3.75°	9.0	9.0	10.0	11.0	12.5	13.9	15.4	16.9	18.0	19.0	20.4
2.5°	9.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0	19.0	20.5
1.25°	9.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0	19.0	20.5
0°	9.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0	19.0	20.5
-1.25°	9.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0	19.0	20.5
-2.5°	9.0	9.0	10.0	11.0	12.5	14.0	15.5	17.0	18.0	19.0	20.5
-3.75°	9.0	9.0	10.0	11.0	12.5	13.9	15.4	16.9	18.0	19.0	20.4
-5°	9.0	9.0	9.9	10.9	12.4	13.9	15.4	16.9	17.9	18.9	20.4
-6.25°	9.0	9.0	9.9	10.9	12.4	13.9	15.3	16.8	17.9	18.9	20.3
-7.5°	9.0	9.0	9.9	10.9	12.3	13.8	15.3	16.8	17.8	18.8	20.2
-8.75°	9.0	9.0	9.8	10.8	12.2	13.7	15.2	16.7	17.8	18.8	20.1
-10°	9.0	9.0	9.8	10.8	12.1	13.6	15.1	16.6	17.7	18.7	20.0
-11.25°	9.0	9.0	9.7	10.7	12.1	13.5	15.0	16.5	17.6	18.6	19.9
-12.5°	9.0	9.0	9.7	10.7	11.9	13.4	14.9	16.3	17.5	18.5	19.7
-13.75°	9.0	9.0	9.6	10.6	11.8	13.3	14.7	16.2	17.4	18.4	19.5
-15°	9.0	9.0	9.5	10.5	11.7	13.1	14.6	16.0	17.3	18.3	19.3
-16.25°	9.0	9.0	9.5	10.4	11.6	13.0	14.4	15.9	17.2	18.1	19.2
-17.5°	9.0	9.0	9.4	10.3	11.4	12.8	14.3	15.7	17.1	18.0	19.0
-18.75°	9.0	9.0	9.3	10.2	11.3	12.7	14.1	15.5	16.9	17.9	18.8
-20°	9.0	9.0	9.2	10.1	11.1	12.5	13.9	15.3	16.7	17.7	18.6
-21.25°	9.0	9.0	9.1	10.0	10.9	12.3	13.7	15.1	16.5	17.6	18.5



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	9.0	9.0	9.0	9.9	10.8	12.1	13.5	14.8	16.2	17.4	18.3
-23.75°	9.0	9.0	9.0	9.8	10.7	11.9	13.2	14.6	16.0	17.2	18.1
-25°	9.0	9.0	9.0	9.7	10.5	11.7	13.0	14.4	15.7	17.0	17.9
-26.25°	8.8	9.0	9.0	9.5	10.4	11.4	12.8	14.1	15.4	16.7	17.7
-27.5°	8.7	9.0	9.0	9.4	10.3	11.2	12.5	13.8	15.1	16.4	17.5
-28.75°	8.6	9.0	9.0	9.2	10.1	11.0	12.2	13.5	14.8	16.1	17.3
-30°	8.5	9.0	9.0	9.1	9.9	10.8	12.0	13.2	14.5	15.8	17.0
-31.25°	8.4	9.0	9.0	9.0	9.8	10.6	11.7	12.9	14.2	15.4	16.7
-32.5°	8.3	9.0	9.0	9.0	9.6	10.4	11.4	12.6	13.8	15.1	16.3
-33.75°	8.1	8.9	9.0	9.0	9.4	10.2	11.0	12.3	13.5	14.7	15.9
-35°	8.0	8.8	9.0	9.0	9.2	10.0	10.8	11.9	13.1	14.3	15.5
-36.25°	7.8	8.6	9.0	9.0	9.0	9.8	10.6	11.6	12.7	13.9	15.1
-37.5°	7.7	8.5	9.0	9.0	9.0	9.6	10.4	11.2	12.4	13.5	14.7
-38.75°	7.5	8.3	9.0	9.0	9.0	9.4	10.1	10.9	12.0	13.1	14.2
-40°	7.4	8.1	8.9	9.0	9.0	9.2	9.9	10.6	11.6	12.7	13.8
-41.25°	7.2	8.0	8.7	9.0	9.0	9.0	9.7	10.4	11.2	12.2	13.3
-42.5°	7.1	7.8	8.5	9.0	9.0	9.0	9.4	10.1	10.8	11.8	12.8
-43.75°	7.0	7.6	8.3	9.0	9.0	9.0	9.1	9.8	10.5	11.3	12.4
-45°	6.9	7.4	8.1	8.8	9.0	9.0	9.0	9.6	10.2	10.9	11.9
-46.25°	6.8	7.2	7.9	8.6	9.0	9.0	9.0	9.3	9.9	10.6	11.4
-47.5°	6.7	7.1	7.7	8.4	9.0	9.0	9.0	9.0	9.6	10.3	10.9
-48.75°	6.6	6.9	7.5	8.1	8.8	9.0	9.0	9.0	9.3	9.9	10.6
-50°	6.5	6.8	7.3	7.9	8.5	9.0	9.0	9.0	9.0	9.6	10.2
-51.25°	6.4	6.7	7.1	7.7	8.3	8.9	9.0	9.0	9.0	9.3	9.9
-52.5°	6.3	6.6	6.9	7.4	8.0	8.6	9.0	9.0	9.0	9.0	9.5
-53.75°	6.2	6.5	6.8	7.2	7.8	8.3	8.9	9.0	9.0	9.0	9.1
-55°	6.1	6.4	6.7	7.0	7.5	8.1	8.6	9.0	9.0	9.0	9.0
-56.25°	6.0	6.3	6.6	6.8	7.2	7.8	8.3	8.8	9.0	9.0	9.0
-57.5°	5.9	6.2	6.5	6.7	7.0	7.5	8.0	8.5	9.0	9.0	9.0
-58.75°	5.7	6.1	6.3	6.6	6.8	7.2	7.7	8.2	8.6	9.0	9.0
-60°	5.5	5.9	6.2	6.5	6.7	6.9	7.4	7.8	8.3	8.8	9.0
-61.25°	5.3	5.7	6.1	6.3	6.6	6.8	7.0	7.5	7.9	8.4	8.8
-62.5°	5.0	5.5	5.9	6.2	6.4	6.6	6.9	7.1	7.6	8.0	8.4
-63.75°	4.8	5.3	5.7	6.1	6.3	6.5	6.7	6.9	7.2	7.6	8.0
-65°	4.6	5.0	5.4	5.8	6.1	6.3	6.5	6.7	6.9	7.2	7.6
-66.25°	4.4	4.8	5.2	5.6	6.0	6.2	6.4	6.5	6.7	6.9	7.2
-67.5°	4.2	4.5	4.9	5.3	5.7	6.0	6.2	6.4	6.5	6.7	6.9
-68.75°	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.2	6.4	6.5	6.7
-70°	3.7	4.1	4.4	4.7	5.0	5.4	5.7	6.0	6.2	6.3	6.5
-71.25°	3.5	3.8	4.1	4.4	4.7	5.0	5.4	5.7	6.0	6.1	6.3
-72.5°	3.3	3.6	3.9	4.2	4.4	4.7	5.0	5.3	5.6	5.8	6.1
-73.75°	3.1	3.3	3.6	3.9	4.1	4.4	4.7	4.9	5.2	5.4	5.7
-75°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.8	5.0	5.3
-76.25°	2.6	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.8
-77.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
-80°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.4	3.5
-81.25°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1
-82.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
-83.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-85°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-86.25°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-87.5°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-88.75°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
85°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
83.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
82.5°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9
81.25°	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.5
80°	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1
78.75°	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.5	5.6	5.8
77.5°	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0	6.1	6.2
76.25°	5.0	5.3	5.5	5.7	5.9	6.0	6.1	6.2	6.3	6.4	6.5
75°	5.5	5.7	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8
73.75°	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.9	7.1	7.3
72.5°	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.2	7.4	7.7	7.9
71.25°	6.4	6.6	6.7	6.8	7.0	7.2	7.5	7.8	8.0	8.3	8.5
70°	6.6	6.8	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.0
68.75°	6.9	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.0	9.0	9.0
67.5°	7.1	7.5	7.8	8.2	8.5	8.8	9.0	9.0	9.0	9.0	9.0
66.25°	7.6	7.9	8.3	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0
65°	8.0	8.4	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.3	9.6
63.75°	8.4	8.8	9.0	9.0	9.0	9.0	9.0	9.1	9.5	9.9	10.2
62.5°	8.8	9.0	9.0	9.0	9.0	9.0	9.3	9.7	10.1	10.4	10.8
61.25°	9.0	9.0	9.0	9.0	9.0	9.4	9.8	10.2	10.6	11.0	11.6
60°	9.0	9.0	9.0	9.0	9.5	9.9	10.3	10.8	11.3	11.9	12.5
58.75°	9.0	9.0	9.0	9.5	9.9	10.4	10.8	11.4	12.1	12.7	13.4
57.5°	9.0	9.0	9.5	9.9	10.4	10.9	11.5	12.2	12.9	13.6	14.2
56.25°	9.0	9.4	9.9	10.4	10.9	11.6	12.3	13.0	13.7	14.4	15.1
55°	9.3	9.8	10.3	10.8	11.5	12.3	13.0	13.8	14.5	15.2	16.0
53.75°	9.7	10.2	10.8	11.4	12.2	13.0	13.8	14.6	15.3	16.1	16.8
52.5°	10.1	10.6	11.3	12.1	12.9	13.7	14.5	15.3	16.1	16.9	17.4
51.25°	10.4	11.0	11.9	12.7	13.6	14.4	15.2	16.1	16.9	17.5	18.0
50°	10.8	11.6	12.5	13.4	14.2	15.1	16.0	16.8	17.4	18.0	18.5
48.75°	11.3	12.2	13.1	14.0	14.9	15.8	16.7	17.4	17.9	18.5	19.1
47.5°	11.8	12.8	13.7	14.6	15.5	16.5	17.2	17.8	18.4	19.0	19.9
46.25°	12.3	13.3	14.3	15.2	16.2	17.1	17.7	18.3	18.9	19.8	20.7
45°	12.9	13.9	14.8	15.8	16.8	17.5	18.1	18.8	19.6	20.5	21.4
43.75°	13.4	14.4	15.4	16.4	17.3	17.9	18.6	19.3	20.3	21.3	22.1
42.5°	13.9	14.9	16.0	17.0	17.7	18.3	19.0	20.0	21.0	22.0	22.3
41.25°	14.4	15.4	16.5	17.4	18.1	18.8	19.7	20.7	21.7	22.2	22.6
40°	14.9	15.9	17.0	17.7	18.4	19.2	20.3	21.3	22.1	22.5	22.8
38.75°	15.3	16.4	17.4	18.1	18.8	19.8	20.9	22.0	22.3	22.7	23.0
37.5°	15.8	16.9	17.7	18.4	19.3	20.4	21.5	22.2	22.6	22.9	23.3
36.25°	16.2	17.3	18.0	18.8	19.8	20.9	22.0	22.4	22.8	23.1	23.5
35°	16.7	17.6	18.3	19.2	20.3	21.5	22.2	22.6	23.0	23.3	23.7



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	17.1	17.9	18.7	19.7	20.8	22.0	22.4	22.8	23.2	23.5	23.9
32.5°	17.3	18.1	19.0	20.1	21.3	22.2	22.6	23.0	23.4	23.7	24.3
31.25°	17.6	18.4	19.4	20.6	21.8	22.3	22.7	23.1	23.5	23.9	24.7
30°	17.9	18.7	19.8	21.0	22.1	22.5	22.9	23.3	23.7	24.3	25.1
28.75°	18.1	19.0	20.2	21.5	22.2	22.7	23.1	23.5	23.9	24.6	25.4
27.5°	18.3	19.3	20.6	21.9	22.4	22.8	23.2	23.7	24.1	25.0	25.8
26.25°	18.6	19.7	21.0	22.1	22.5	23.0	23.4	23.8	24.5	25.3	26.1
25°	18.8	20.0	21.3	22.2	22.7	23.1	23.5	24.0	24.8	25.6	26.3
23.75°	19.0	20.3	21.7	22.3	22.8	23.2	23.7	24.2	25.1	26.0	26.4
22.5°	19.3	20.7	22.0	22.5	22.9	23.4	23.8	24.5	25.4	26.1	26.6
21.25°	19.6	21.0	22.1	22.6	23.0	23.5	23.9	24.8	25.7	26.3	26.7
20°	19.9	21.2	22.2	22.7	23.1	23.6	24.1	25.0	25.9	26.4	26.9
18.75°	20.1	21.5	22.3	22.8	23.2	23.7	24.3	25.2	26.1	26.5	27.0
17.5°	20.4	21.8	22.4	22.9	23.3	23.8	24.5	25.5	26.2	26.7	27.1
16.25°	20.6	22.0	22.5	22.9	23.4	23.9	24.7	25.7	26.3	26.8	27.2
15°	20.8	22.1	22.6	23.0	23.5	24.0	24.9	25.9	26.4	26.9	27.4
13.75°	21.0	22.1	22.6	23.1	23.6	24.1	25.1	26.0	26.5	27.0	27.5
12.5°	21.2	22.2	22.7	23.2	23.7	24.3	25.2	26.1	26.6	27.1	27.5
11.25°	21.3	22.3	22.7	23.2	23.7	24.4	25.4	26.2	26.7	27.1	27.6
10°	21.5	22.3	22.8	23.3	23.8	24.5	25.5	26.2	26.7	27.2	27.7
8.75°	21.6	22.4	22.8	23.3	23.8	24.6	25.6	26.3	26.8	27.3	27.8
7.5°	21.7	22.4	22.9	23.4	23.9	24.7	25.7	26.4	26.8	27.3	27.8
6.25°	21.8	22.4	22.9	23.4	23.9	24.8	25.8	26.4	26.9	27.4	27.9
5°	21.9	22.5	22.9	23.4	23.9	24.9	25.9	26.4	26.9	27.4	27.9
3.75°	21.9	22.5	23.0	23.5	24.0	24.9	25.9	26.5	27.0	27.5	28.0
2.5°	22.0	22.5	23.0	23.5	24.0	25.0	26.0	26.5	27.0	27.5	28.0
1.25°	22.0	22.5	23.0	23.5	24.0	25.0	26.0	26.5	27.0	27.5	28.0
0°	22.0	22.5	23.0	23.5	24.0	25.0	26.0	26.5	27.0	27.5	28.0
-1.25°	22.0	22.5	23.0	23.5	24.0	25.0	26.0	26.5	27.0	27.5	28.0
-2.5°	22.0	22.5	23.0	23.5	24.0	25.0	26.0	26.5	27.0	27.5	28.0
-3.75°	21.9	22.5	23.0	23.5	24.0	24.9	25.9	26.5	27.0	27.5	28.0
-5°	21.9	22.5	22.9	23.4	23.9	24.9	25.9	26.4	26.9	27.4	27.9
-6.25°	21.8	22.4	22.9	23.4	23.9	24.8	25.8	26.4	26.9	27.4	27.9
-7.5°	21.7	22.4	22.9	23.4	23.9	24.7	25.7	26.4	26.8	27.3	27.8
-8.75°	21.6	22.4	22.8	23.3	23.8	24.6	25.6	26.3	26.8	27.3	27.8
-10°	21.5	22.3	22.8	23.3	23.8	24.5	25.5	26.2	26.7	27.2	27.7
-11.25°	21.3	22.3	22.7	23.2	23.7	24.4	25.4	26.2	26.7	27.1	27.6
-12.5°	21.2	22.2	22.7	23.2	23.7	24.3	25.2	26.1	26.6	27.1	27.5
-13.75°	21.0	22.1	22.6	23.1	23.6	24.1	25.1	26.0	26.5	27.0	27.5
-15°	20.8	22.1	22.6	23.0	23.5	24.0	24.9	25.9	26.4	26.9	27.4
-16.25°	20.6	22.0	22.5	22.9	23.4	23.9	24.7	25.7	26.3	26.8	27.2
-17.5°	20.4	21.8	22.4	22.9	23.3	23.8	24.5	25.5	26.2	26.7	27.1
-18.75°	20.1	21.5	22.3	22.8	23.2	23.7	24.3	25.2	26.1	26.5	27.0
-20°	19.9	21.2	22.2	22.7	23.1	23.6	24.1	25.0	25.9	26.4	26.9
-21.25°	19.6	21.0	22.1	22.6	23.0	23.5	23.9	24.8	25.7	26.3	26.7



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	19.3	20.7	22.0	22.5	22.9	23.4	23.8	24.5	25.4	26.1	26.6
-23.75°	19.0	20.3	21.7	22.3	22.8	23.2	23.7	24.2	25.1	26.0	26.4
-25°	18.8	20.0	21.3	22.2	22.7	23.1	23.5	24.0	24.8	25.6	26.3
-26.25°	18.6	19.7	21.0	22.1	22.5	23.0	23.4	23.8	24.5	25.3	26.1
-27.5°	18.3	19.3	20.6	21.9	22.4	22.8	23.2	23.7	24.1	25.0	25.8
-28.75°	18.1	19.0	20.2	21.5	22.2	22.7	23.1	23.5	23.9	24.6	25.4
-30°	17.9	18.7	19.8	21.0	22.1	22.5	22.9	23.3	23.7	24.3	25.1
-31.25°	17.6	18.4	19.4	20.6	21.8	22.3	22.7	23.1	23.5	23.9	24.7
-32.5°	17.3	18.1	19.0	20.1	21.3	22.2	22.6	23.0	23.4	23.7	24.3
-33.75°	17.1	17.9	18.7	19.7	20.8	22.0	22.4	22.8	23.2	23.5	23.9
-35°	16.7	17.6	18.3	19.2	20.3	21.5	22.2	22.6	23.0	23.3	23.7
-36.25°	16.2	17.3	18.0	18.8	19.8	20.9	22.0	22.4	22.8	23.1	23.5
-37.5°	15.8	16.9	17.7	18.4	19.3	20.4	21.5	22.2	22.6	22.9	23.3
-38.75°	15.3	16.4	17.4	18.1	18.8	19.8	20.9	22.0	22.3	22.7	23.0
-40°	14.9	15.9	17.0	17.7	18.4	19.2	20.3	21.3	22.1	22.5	22.8
-41.25°	14.4	15.4	16.5	17.4	18.1	18.8	19.7	20.7	21.7	22.2	22.6
-42.5°	13.9	14.9	16.0	17.0	17.7	18.3	19.0	20.0	21.0	22.0	22.3
-43.75°	13.4	14.4	15.4	16.4	17.3	17.9	18.6	19.3	20.3	21.3	22.1
-45°	12.9	13.9	14.8	15.8	16.8	17.5	18.1	18.8	19.6	20.5	21.4
-46.25°	12.3	13.3	14.3	15.2	16.2	17.1	17.7	18.3	18.9	19.8	20.7
-47.5°	11.8	12.8	13.7	14.6	15.5	16.5	17.2	17.8	18.4	19.0	19.9
-48.75°	11.3	12.2	13.1	14.0	14.9	15.8	16.7	17.4	17.9	18.5	19.1
-50°	10.8	11.6	12.5	13.4	14.2	15.1	16.0	16.8	17.4	18.0	18.5
-51.25°	10.4	11.0	11.9	12.7	13.6	14.4	15.2	16.1	16.9	17.5	18.0
-52.5°	10.1	10.6	11.3	12.1	12.9	13.7	14.5	15.3	16.1	16.9	17.4
-53.75°	9.7	10.2	10.8	11.4	12.2	13.0	13.8	14.6	15.3	16.1	16.8
-55°	9.3	9.8	10.3	10.8	11.5	12.3	13.0	13.8	14.5	15.2	16.0
-56.25°	9.0	9.4	9.9	10.4	10.9	11.6	12.3	13.0	13.7	14.4	15.1
-57.5°	9.0	9.0	9.5	9.9	10.4	10.9	11.5	12.2	12.9	13.6	14.2
-58.75°	9.0	9.0	9.0	9.5	9.9	10.4	10.8	11.4	12.1	12.7	13.4
-60°	9.0	9.0	9.0	9.0	9.5	9.9	10.3	10.8	11.3	11.9	12.5
-61.25°	9.0	9.0	9.0	9.0	9.0	9.4	9.8	10.2	10.6	11.0	11.6
-62.5°	8.8	9.0	9.0	9.0	9.0	9.0	9.3	9.7	10.1	10.4	10.8
-63.75°	8.4	8.8	9.0	9.0	9.0	9.0	9.0	9.1	9.5	9.9	10.2
-65°	8.0	8.4	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.3	9.6
-66.25°	7.6	7.9	8.3	8.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-67.5°	7.1	7.5	7.8	8.2	8.5	8.8	9.0	9.0	9.0	9.0	9.0
-68.75°	6.9	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.0	9.0	9.0
-70°	6.6	6.8	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.0
-71.25°	6.4	6.6	6.7	6.8	7.0	7.2	7.5	7.8	8.0	8.3	8.5
-72.5°	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.2	7.4	7.7	7.9
-73.75°	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.9	7.1	7.3
-75°	5.5	5.7	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8
-76.25°	5.0	5.3	5.5	5.7	5.9	6.0	6.1	6.2	6.3	6.4	6.5
-77.5°	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0	6.1	6.2



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.3	5.5	5.6	5.8
-80°	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1
-81.25°	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.5
-82.5°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9
-83.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2
-85°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
-86.25°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-87.5°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-88.75°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
86.25°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
85°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
83.75°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0
82.5°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8
81.25°	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.5	5.6
80°	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.1	6.2	6.2
78.75°	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.4	6.5	6.6	6.6
77.5°	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0
76.25°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.8
75°	6.9	7.1	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.6
73.75°	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.0	9.0
72.5°	8.1	8.4	8.6	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0
71.25°	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
70°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.2	9.4	9.6	9.8
68.75°	9.0	9.0	9.0	9.0	9.1	9.4	9.7	9.9	10.1	10.4	10.6
67.5°	9.0	9.0	9.3	9.6	9.8	10.1	10.4	10.6	10.9	11.2	11.6
66.25°	9.3	9.6	9.9	10.2	10.5	10.8	11.2	11.6	12.0	12.4	12.7
65°	9.9	10.3	10.6	10.9	11.3	11.8	12.2	12.7	13.1	13.5	13.9
63.75°	10.6	10.9	11.4	11.9	12.4	12.8	13.3	13.8	14.2	14.7	15.1
62.5°	11.3	11.8	12.3	12.9	13.4	13.9	14.4	14.9	15.3	15.8	16.2
61.25°	12.2	12.8	13.3	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.3
60°	13.1	13.7	14.3	14.8	15.4	16.0	16.5	17.0	17.4	17.7	18.0
58.75°	14.0	14.6	15.2	15.8	16.4	17.0	17.4	17.7	18.1	18.4	18.8
57.5°	14.9	15.5	16.2	16.8	17.3	17.7	18.1	18.4	18.8	19.3	19.8
56.25°	15.8	16.5	17.1	17.5	17.9	18.3	18.8	19.2	19.8	20.4	20.9
55°	16.7	17.2	17.7	18.1	18.6	19.0	19.7	20.3	20.9	21.5	22.0
53.75°	17.4	17.8	18.3	18.8	19.3	20.0	20.7	21.3	22.0	22.2	22.4
52.5°	17.9	18.4	18.9	19.6	20.3	21.0	21.7	22.1	22.3	22.6	22.8
51.25°	18.5	19.0	19.8	20.5	21.3	22.0	22.2	22.5	22.7	22.9	23.1
50°	19.1	19.9	20.7	21.4	22.1	22.3	22.6	22.8	23.0	23.3	23.5
48.75°	19.9	20.7	21.6	22.1	22.4	22.6	22.9	23.1	23.4	23.6	23.8
47.5°	20.7	21.6	22.1	22.4	22.7	22.9	23.2	23.5	23.7	24.0	24.4
46.25°	21.6	22.1	22.4	22.7	23.0	23.3	23.5	23.8	24.1	24.6	25.1
45°	22.1	22.4	22.7	23.0	23.3	23.6	23.8	24.2	24.8	25.3	25.8
43.75°	22.4	22.7	23.0	23.3	23.6	23.9	24.3	24.9	25.4	26.0	26.3
42.5°	22.6	22.9	23.3	23.6	23.9	24.3	24.9	25.5	26.0	26.3	26.6
41.25°	22.9	23.2	23.5	23.8	24.3	24.9	25.5	26.1	26.4	26.6	26.9
40°	23.1	23.5	23.8	24.2	24.9	25.5	26.1	26.4	26.7	27.0	27.3
38.75°	23.4	23.7	24.1	24.8	25.4	26.0	26.4	26.7	27.0	27.3	27.6
37.5°	23.6	24.0	24.6	25.3	26.0	26.3	26.6	27.0	27.3	27.6	27.9
36.25°	23.8	24.4	25.1	25.8	26.3	26.6	26.9	27.3	27.6	27.9	28.0
35°	24.2	24.9	25.6	26.2	26.5	26.9	27.2	27.5	27.9	28.0	28.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	24.6	25.3	26.0	26.4	26.8	27.1	27.5	27.8	28.0	28.0	28.0
32.5°	25.0	25.8	26.3	26.6	27.0	27.4	27.7	28.0	28.0	28.0	27.9
31.25°	25.4	26.1	26.5	26.9	27.3	27.6	28.0	28.0	28.0	27.9	27.6
30°	25.9	26.3	26.7	27.1	27.5	27.9	28.0	28.0	28.0	27.6	27.3
28.75°	26.1	26.5	26.9	27.3	27.7	28.0	28.0	28.0	27.7	27.4	27.0
27.5°	26.3	26.7	27.1	27.5	27.9	28.0	28.0	27.9	27.5	27.1	27.0
26.25°	26.5	26.9	27.3	27.7	28.0	28.0	28.0	27.6	27.2	27.0	27.0
25°	26.7	27.1	27.5	27.9	28.0	28.0	27.8	27.4	27.0	27.0	27.0
23.75°	26.8	27.3	27.7	28.0	28.0	28.0	27.6	27.2	27.0	27.0	27.0
22.5°	27.0	27.4	27.9	28.0	28.0	27.8	27.4	27.0	27.0	27.0	27.3
21.25°	27.2	27.6	28.0	28.0	28.0	27.6	27.2	27.0	27.0	27.1	27.5
20°	27.3	27.8	28.0	28.0	27.9	27.5	27.0	27.0	27.0	27.3	27.7
18.75°	27.5	27.9	28.0	28.0	27.7	27.3	27.0	27.0	27.0	27.5	27.9
17.5°	27.6	28.0	28.0	28.0	27.6	27.1	27.0	27.0	27.2	27.7	28.1
16.25°	27.7	28.0	28.0	27.9	27.4	27.0	27.0	27.0	27.4	27.8	28.3
15°	27.8	28.0	28.0	27.8	27.3	27.0	27.0	27.1	27.6	28.0	28.5
13.75°	27.9	28.0	28.0	27.6	27.2	27.0	27.0	27.2	27.7	28.2	28.6
12.5°	28.0	28.0	28.0	27.5	27.1	27.0	27.0	27.4	27.8	28.3	28.8
11.25°	28.0	28.0	27.9	27.4	27.0	27.0	27.0	27.5	28.0	28.4	28.9
10°	28.0	28.0	27.8	27.3	27.0	27.0	27.1	27.6	28.1	28.6	29.1
8.75°	28.0	28.0	27.8	27.3	27.0	27.0	27.2	27.7	28.2	28.7	29.4
7.5°	28.0	28.0	27.7	27.2	27.0	27.0	27.3	27.8	28.3	28.7	29.7
6.25°	28.0	28.0	27.6	27.1	27.0	27.0	27.3	27.8	28.3	28.8	29.9
5°	28.0	28.0	27.6	27.1	27.0	27.0	27.4	27.9	28.4	28.9	30.1
3.75°	28.0	28.0	27.5	27.0	27.0	27.0	27.4	27.9	28.4	28.9	30.3
2.5°	28.0	28.0	27.5	27.0	27.0	27.0	27.5	28.0	28.5	29.0	30.4
1.25°	28.0	28.0	27.5	27.0	27.0	27.0	27.5	28.0	28.5	29.0	30.5
0°	28.0	28.0	27.5	27.0	27.0	27.0	27.5	28.0	28.5	29.0	30.5
-1.25°	28.0	28.0	27.5	27.0	27.0	27.0	27.5	28.0	28.5	29.0	30.5
-2.5°	28.0	28.0	27.5	27.0	27.0	27.0	27.5	28.0	28.5	29.0	30.4
-3.75°	28.0	28.0	27.5	27.0	27.0	27.0	27.4	27.9	28.4	28.9	30.3
-5°	28.0	28.0	27.6	27.1	27.0	27.0	27.4	27.9	28.4	28.9	30.1
-6.25°	28.0	28.0	27.6	27.1	27.0	27.0	27.3	27.8	28.3	28.8	29.9
-7.5°	28.0	28.0	27.7	27.2	27.0	27.0	27.3	27.8	28.3	28.7	29.7
-8.75°	28.0	28.0	27.8	27.3	27.0	27.0	27.2	27.7	28.2	28.7	29.4
-10°	28.0	28.0	27.8	27.3	27.0	27.0	27.1	27.6	28.1	28.6	29.1
-11.25°	28.0	28.0	27.9	27.4	27.0	27.0	27.0	27.5	28.0	28.4	28.9
-12.5°	28.0	28.0	28.0	27.5	27.1	27.0	27.0	27.4	27.8	28.3	28.8
-13.75°	27.9	28.0	28.0	27.6	27.2	27.0	27.0	27.2	27.7	28.2	28.6
-15°	27.8	28.0	28.0	27.8	27.3	27.0	27.0	27.1	27.6	28.0	28.5
-16.25°	27.7	28.0	28.0	27.9	27.4	27.0	27.0	27.0	27.4	27.8	28.3
-17.5°	27.6	28.0	28.0	28.0	27.6	27.1	27.0	27.0	27.2	27.7	28.1
-18.75°	27.5	27.9	28.0	28.0	27.7	27.3	27.0	27.0	27.0	27.5	27.9
-20°	27.3	27.8	28.0	28.0	27.9	27.5	27.0	27.0	27.0	27.3	27.7
-21.25°	27.2	27.6	28.0	28.0	28.0	27.6	27.2	27.0	27.0	27.1	27.5



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	27.0	27.4	27.9	28.0	28.0	27.8	27.4	27.0	27.0	27.0	27.3
-23.75°	26.8	27.3	27.7	28.0	28.0	28.0	27.6	27.2	27.0	27.0	27.0
-25°	26.7	27.1	27.5	27.9	28.0	28.0	27.8	27.4	27.0	27.0	27.0
-26.25°	26.5	26.9	27.3	27.7	28.0	28.0	28.0	27.6	27.2	27.0	27.0
-27.5°	26.3	26.7	27.1	27.5	27.9	28.0	28.0	27.9	27.5	27.1	27.0
-28.75°	26.1	26.5	26.9	27.3	27.7	28.0	28.0	28.0	27.7	27.4	27.0
-30°	25.9	26.3	26.7	27.1	27.5	27.9	28.0	28.0	28.0	27.6	27.3
-31.25°	25.4	26.1	26.5	26.9	27.3	27.6	28.0	28.0	28.0	27.9	27.6
-32.5°	25.0	25.8	26.3	26.6	27.0	27.4	27.7	28.0	28.0	28.0	27.9
-33.75°	24.6	25.3	26.0	26.4	26.8	27.1	27.5	27.8	28.0	28.0	28.0
-35°	24.2	24.9	25.6	26.2	26.5	26.9	27.2	27.5	27.9	28.0	28.0
-36.25°	23.8	24.4	25.1	25.8	26.3	26.6	26.9	27.3	27.6	27.9	28.0
-37.5°	23.6	24.0	24.6	25.3	26.0	26.3	26.6	27.0	27.3	27.6	27.9
-38.75°	23.4	23.7	24.1	24.8	25.4	26.0	26.4	26.7	27.0	27.3	27.6
-40°	23.1	23.5	23.8	24.2	24.9	25.5	26.1	26.4	26.7	27.0	27.3
-41.25°	22.9	23.2	23.5	23.8	24.3	24.9	25.5	26.1	26.4	26.6	26.9
-42.5°	22.6	22.9	23.3	23.6	23.9	24.3	24.9	25.5	26.0	26.3	26.6
-43.75°	22.4	22.7	23.0	23.3	23.6	23.9	24.3	24.9	25.4	26.0	26.3
-45°	22.1	22.4	22.7	23.0	23.3	23.6	23.8	24.2	24.8	25.3	25.8
-46.25°	21.6	22.1	22.4	22.7	23.0	23.3	23.5	23.8	24.1	24.6	25.1
-47.5°	20.7	21.6	22.1	22.4	22.7	22.9	23.2	23.5	23.7	24.0	24.4
-48.75°	19.9	20.7	21.6	22.1	22.4	22.6	22.9	23.1	23.4	23.6	23.8
-50°	19.1	19.9	20.7	21.4	22.1	22.3	22.6	22.8	23.0	23.3	23.5
-51.25°	18.5	19.0	19.8	20.5	21.3	22.0	22.2	22.5	22.7	22.9	23.1
-52.5°	17.9	18.4	18.9	19.6	20.3	21.0	21.7	22.1	22.3	22.6	22.8
-53.75°	17.4	17.8	18.3	18.8	19.3	20.0	20.7	21.3	22.0	22.2	22.4
-55°	16.7	17.2	17.7	18.1	18.6	19.0	19.7	20.3	20.9	21.5	22.0
-56.25°	15.8	16.5	17.1	17.5	17.9	18.3	18.8	19.2	19.8	20.4	20.9
-57.5°	14.9	15.5	16.2	16.8	17.3	17.7	18.1	18.4	18.8	19.3	19.8
-58.75°	14.0	14.6	15.2	15.8	16.4	17.0	17.4	17.7	18.1	18.4	18.8
-60°	13.1	13.7	14.3	14.8	15.4	16.0	16.5	17.0	17.4	17.7	18.0
-61.25°	12.2	12.8	13.3	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.3
-62.5°	11.3	11.8	12.3	12.9	13.4	13.9	14.4	14.9	15.3	15.8	16.2
-63.75°	10.6	10.9	11.4	11.9	12.4	12.8	13.3	13.8	14.2	14.7	15.1
-65°	9.9	10.3	10.6	10.9	11.3	11.8	12.2	12.7	13.1	13.5	13.9
-66.25°	9.3	9.6	9.9	10.2	10.5	10.8	11.2	11.6	12.0	12.4	12.7
-67.5°	9.0	9.0	9.3	9.6	9.8	10.1	10.4	10.6	10.9	11.2	11.6
-68.75°	9.0	9.0	9.0	9.0	9.1	9.4	9.7	9.9	10.1	10.4	10.6
-70°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.2	9.4	9.6	9.8
-71.25°	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-72.5°	8.1	8.4	8.6	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-73.75°	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.0	9.0	9.0
-75°	6.9	7.1	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.6
-76.25°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.4	7.5	7.7	7.8
-77.5°	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	5.9	6.0	6.1	6.2	6.2	6.3	6.4	6.4	6.5	6.6	6.6
-80°	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.1	6.2	6.2
-81.25°	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.5	5.6
-82.5°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8
-83.75°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0
-85°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
-86.25°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-87.5°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCE-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
86.25°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
85°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
83.75°	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6
82.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5
81.25°	5.7	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
80°	6.3	6.3	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.7	6.7
78.75°	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.1	7.1	7.2	7.3
77.5°	7.2	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.1	8.2
76.25°	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	9.0	9.0	9.0
75°	8.8	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
73.75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
72.5°	9.0	9.0	9.0	9.0	9.1	9.2	9.4	9.5	9.7	9.8	9.9
71.25°	9.2	9.4	9.6	9.8	9.9	10.1	10.3	10.4	10.5	10.7	10.8
70°	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.7	11.9	12.1
68.75°	10.8	11.0	11.4	11.7	12.0	12.2	12.5	12.8	13.0	13.2	13.5
67.5°	11.9	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.6	14.8
66.25°	13.1	13.5	13.8	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.2
65°	14.3	14.7	15.1	15.4	15.8	16.1	16.4	16.7	17.0	17.2	17.4
63.75°	15.5	15.9	16.3	16.7	17.0	17.3	17.5	17.7	17.9	18.1	18.3
62.5°	16.7	17.1	17.3	17.6	17.9	18.1	18.3	18.6	18.8	19.0	19.3
61.25°	17.6	17.9	18.1	18.4	18.7	19.0	19.3	19.7	20.0	20.3	20.7
60°	18.3	18.7	19.0	19.4	19.8	20.2	20.6	21.0	21.3	21.7	22.0
58.75°	19.2	19.7	20.1	20.6	21.0	21.5	21.9	22.1	22.2	22.3	22.5
57.5°	20.3	20.8	21.3	21.8	22.1	22.2	22.4	22.5	22.7	22.8	22.9
56.25°	21.5	22.0	22.2	22.3	22.5	22.7	22.8	23.0	23.1	23.2	23.4
55°	22.2	22.4	22.6	22.7	22.9	23.1	23.2	23.4	23.5	23.7	23.8
53.75°	22.6	22.8	23.0	23.1	23.3	23.5	23.7	23.8	24.0	24.2	24.5
52.5°	23.0	23.2	23.4	23.5	23.7	23.9	24.1	24.5	24.8	25.1	25.4
51.25°	23.3	23.5	23.7	23.9	24.3	24.6	25.0	25.3	25.6	26.0	26.1
50°	23.7	23.9	24.3	24.7	25.1	25.4	25.8	26.1	26.3	26.4	26.6
48.75°	24.2	24.6	25.0	25.4	25.9	26.1	26.3	26.5	26.7	26.8	27.0
47.5°	24.9	25.3	25.8	26.1	26.3	26.5	26.7	26.9	27.1	27.3	27.4
46.25°	25.6	26.0	26.3	26.5	26.7	26.9	27.1	27.3	27.5	27.7	27.9
45°	26.2	26.4	26.6	26.9	27.1	27.3	27.5	27.7	27.9	28.0	28.0
43.75°	26.5	26.8	27.0	27.3	27.5	27.7	27.9	28.0	28.0	28.0	28.0
42.5°	26.9	27.1	27.4	27.6	27.9	28.0	28.0	28.0	28.0	28.0	27.8
41.25°	27.2	27.5	27.7	28.0	28.0	28.0	28.0	28.0	27.8	27.6	27.4
40°	27.5	27.8	28.0	28.0	28.0	28.0	27.9	27.6	27.4	27.2	27.0
38.75°	27.9	28.0	28.0	28.0	28.0	27.7	27.5	27.2	27.0	27.0	27.0
37.5°	28.0	28.0	28.0	27.9	27.6	27.4	27.1	27.0	27.0	27.0	27.0
36.25°	28.0	28.0	27.9	27.6	27.3	27.0	27.0	27.0	27.0	27.0	27.3
35°	28.0	27.8	27.5	27.2	27.0	27.0	27.0	27.0	27.2	27.4	27.7



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED-CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	27.8	27.5	27.2	27.0	27.0	27.0	27.0	27.3	27.6	27.8	28.1
32.5°	27.5	27.2	27.0	27.0	27.0	27.1	27.4	27.7	27.9	28.2	28.5
31.25°	27.2	27.0	27.0	27.0	27.1	27.4	27.7	28.0	28.3	28.6	28.9
30°	27.0	27.0	27.0	27.1	27.4	27.8	28.1	28.4	28.7	29.0	29.8
28.75°	27.0	27.0	27.1	27.4	27.8	28.1	28.4	28.7	29.1	30.0	30.9
27.5°	27.0	27.0	27.4	27.7	28.1	28.4	28.8	29.2	30.2	31.1	32.0
26.25°	27.0	27.3	27.7	28.0	28.4	28.7	29.2	30.3	31.2	32.2	33.1
25°	27.2	27.6	27.9	28.3	28.7	29.1	30.2	31.2	32.3	33.3	34.2
23.75°	27.4	27.8	28.2	28.6	29.0	30.0	31.1	32.2	33.3	34.3	38.0
22.5°	27.7	28.1	28.5	28.9	29.8	30.9	32.0	33.1	34.2	38.0	48.6
21.25°	27.9	28.3	28.7	29.4	30.6	31.8	32.9	34.1	36.7	48.0	59.0
20°	28.1	28.6	29.0	30.1	31.4	32.6	33.8	34.9	46.1	57.7	73.9
18.75°	28.3	28.8	29.6	30.9	32.1	33.3	34.6	42.8	55.0	68.6	98.9
17.5°	28.5	29.0	30.3	31.5	32.8	34.1	38.4	51.1	63.6	91.7	122.9
16.25°	28.7	29.6	30.9	32.2	33.5	34.8	46.0	59.0	81.1	113.7	146.8
15°	28.9	30.1	31.5	32.8	34.1	39.6	53.1	67.1	101.1	134.9	172.5
13.75°	29.3	30.6	32.0	33.4	34.7	46.0	59.7	85.0	119.8	155.8	203.3
12.5°	29.7	31.1	32.5	33.9	37.8	51.9	65.9	101.8	137.8	179.9	236.8
11.25°	30.1	31.6	33.0	34.4	43.0	57.4	80.6	117.2	155.0	205.3	269.6
10°	30.5	32.0	33.4	34.8	47.7	62.3	93.9	131.2	173.3	232.3	302.4
8.75°	30.9	32.3	33.8	37.1	51.9	67.8	105.8	144.6	193.1	257.9	332.2
7.5°	31.2	32.6	34.1	40.6	55.6	77.8	116.3	156.3	210.5	281.4	361.8
6.25°	31.4	32.9	34.4	43.6	58.7	86.3	125.3	167.2	228.5	302.7	387.9
5°	31.6	33.1	34.6	46.1	61.3	93.4	132.9	178.9	243.7	320.4	409.5
3.75°	31.8	33.3	34.8	48.0	63.4	98.9	139.0	188.1	255.6	334.2	426.8
2.5°	31.9	33.4	34.9	49.4	64.8	102.8	143.4	194.7	264.1	345.5	439.4
1.25°	32.0	33.5	35.0	50.2	65.7	105.2	146.1	198.7	269.3	352.4	447.0
0°	32.0	33.5	35.0	50.2	65.7	105.2	146.1	198.7	269.3	352.4	447.0
-1.25°	32.0	33.5	35.0	50.2	65.7	105.2	146.1	198.7	269.3	352.4	447.0
-2.5°	31.9	33.4	34.9	49.4	64.8	102.8	143.4	194.7	264.1	345.5	439.4
-3.75°	31.8	33.3	34.8	48.0	63.4	98.9	139.0	188.1	255.6	334.2	426.8
-5°	31.6	33.1	34.6	46.1	61.3	93.4	132.9	178.9	243.7	320.4	409.5
-6.25°	31.4	32.9	34.4	43.6	58.7	86.3	125.3	167.2	228.5	302.7	387.9
-7.5°	31.2	32.6	34.1	40.6	55.6	77.8	116.3	156.3	210.5	281.4	361.8
-8.75°	30.9	32.3	33.8	37.1	51.9	67.8	105.8	144.6	193.1	257.9	332.2
-10°	30.5	32.0	33.4	34.8	47.7	62.3	93.9	131.2	173.3	232.3	302.4
-11.25°	30.1	31.6	33.0	34.4	43.0	57.4	80.6	117.2	155.0	205.3	269.6
-12.5°	29.7	31.1	32.5	33.9	37.8	51.9	65.9	101.8	137.8	179.9	236.8
-13.75°	29.3	30.6	32.0	33.4	34.7	46.0	59.7	85.0	119.8	155.8	203.3
-15°	28.9	30.1	31.5	32.8	34.1	39.6	53.1	67.1	101.1	134.9	172.5
-16.25°	28.7	29.6	30.9	32.2	33.5	34.8	46.0	59.0	81.1	113.7	146.8
-17.5°	28.5	29.0	30.3	31.5	32.8	34.1	38.4	51.1	63.6	91.7	122.9
-18.75°	28.3	28.8	29.6	30.9	32.1	33.3	34.6	42.8	55.0	68.6	98.9
-20°	28.1	28.6	29.0	30.1	31.4	32.6	33.8	34.9	46.1	57.7	73.9
-21.25°	27.9	28.3	28.7	29.4	30.6	31.8	32.9	34.1	36.7	48.0	59.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	27.7	28.1	28.5	28.9	29.8	30.9	32.0	33.1	34.2	38.0	48.6
-23.75°	27.4	27.8	28.2	28.6	29.0	30.0	31.1	32.2	33.3	34.3	38.0
-25°	27.2	27.6	27.9	28.3	28.7	29.1	30.2	31.2	32.3	33.3	34.2
-26.25°	27.0	27.3	27.7	28.0	28.4	28.7	29.2	30.3	31.2	32.2	33.1
-27.5°	27.0	27.0	27.4	27.7	28.1	28.4	28.8	29.2	30.2	31.1	32.0
-28.75°	27.0	27.0	27.1	27.4	27.8	28.1	28.4	28.7	29.1	30.0	30.9
-30°	27.0	27.0	27.0	27.1	27.4	27.8	28.1	28.4	28.7	29.0	29.8
-31.25°	27.2	27.0	27.0	27.0	27.1	27.4	27.7	28.0	28.3	28.6	28.9
-32.5°	27.5	27.2	27.0	27.0	27.0	27.1	27.4	27.7	27.9	28.2	28.5
-33.75°	27.8	27.5	27.2	27.0	27.0	27.0	27.0	27.3	27.6	27.8	28.1
-35°	28.0	27.8	27.5	27.2	27.0	27.0	27.0	27.0	27.2	27.4	27.7
-36.25°	28.0	28.0	27.9	27.6	27.3	27.0	27.0	27.0	27.0	27.0	27.3
-37.5°	28.0	28.0	28.0	27.9	27.6	27.4	27.1	27.0	27.0	27.0	27.0
-38.75°	27.9	28.0	28.0	28.0	28.0	27.7	27.5	27.2	27.0	27.0	27.0
-40°	27.5	27.8	28.0	28.0	28.0	28.0	27.9	27.6	27.4	27.2	27.0
-41.25°	27.2	27.5	27.7	28.0	28.0	28.0	28.0	28.0	27.8	27.6	27.4
-42.5°	26.9	27.1	27.4	27.6	27.9	28.0	28.0	28.0	28.0	28.0	27.8
-43.75°	26.5	26.8	27.0	27.3	27.5	27.7	27.9	28.0	28.0	28.0	28.0
-45°	26.2	26.4	26.6	26.9	27.1	27.3	27.5	27.7	27.9	28.0	28.0
-46.25°	25.6	26.0	26.3	26.5	26.7	26.9	27.1	27.3	27.5	27.7	27.9
-47.5°	24.9	25.3	25.8	26.1	26.3	26.5	26.7	26.9	27.1	27.3	27.4
-48.75°	24.2	24.6	25.0	25.4	25.9	26.1	26.3	26.5	26.7	26.8	27.0
-50°	23.7	23.9	24.3	24.7	25.1	25.4	25.8	26.1	26.3	26.4	26.6
-51.25°	23.3	23.5	23.7	23.9	24.3	24.6	25.0	25.3	25.6	26.0	26.1
-52.5°	23.0	23.2	23.4	23.5	23.7	23.9	24.1	24.5	24.8	25.1	25.4
-53.75°	22.6	22.8	23.0	23.1	23.3	23.5	23.7	23.8	24.0	24.2	24.5
-55°	22.2	22.4	22.6	22.7	22.9	23.1	23.2	23.4	23.5	23.7	23.8
-56.25°	21.5	22.0	22.2	22.3	22.5	22.7	22.8	23.0	23.1	23.2	23.4
-57.5°	20.3	20.8	21.3	21.8	22.1	22.2	22.4	22.5	22.7	22.8	22.9
-58.75°	19.2	19.7	20.1	20.6	21.0	21.5	21.9	22.1	22.2	22.3	22.5
-60°	18.3	18.7	19.0	19.4	19.8	20.2	20.6	21.0	21.3	21.7	22.0
-61.25°	17.6	17.9	18.1	18.4	18.7	19.0	19.3	19.7	20.0	20.3	20.7
-62.5°	16.7	17.1	17.3	17.6	17.9	18.1	18.3	18.6	18.8	19.0	19.3
-63.75°	15.5	15.9	16.3	16.7	17.0	17.3	17.5	17.7	17.9	18.1	18.3
-65°	14.3	14.7	15.1	15.4	15.8	16.1	16.4	16.7	17.0	17.2	17.4
-66.25°	13.1	13.5	13.8	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.2
-67.5°	11.9	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.6	14.8
-68.75°	10.8	11.0	11.4	11.7	12.0	12.2	12.5	12.8	13.0	13.2	13.5
-70°	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.7	11.9	12.1
-71.25°	9.2	9.4	9.6	9.8	9.9	10.1	10.3	10.4	10.5	10.7	10.8
-72.5°	9.0	9.0	9.0	9.0	9.1	9.2	9.4	9.5	9.7	9.8	9.9
-73.75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-75°	8.8	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-76.25°	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	9.0	9.0	9.0
-77.5°	7.2	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.1	8.2



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.1	7.1	7.2	7.3
-80°	6.3	6.3	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.7	6.7
-81.25°	5.7	5.8	5.9	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
-82.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5
-83.75°	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6
-85°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
-86.25°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-87.5°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-88.75°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
86.25°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
85°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
83.75°	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9
82.5°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
81.25°	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.5
80°	6.7	6.8	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9	7.0
78.75°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9
77.5°	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.8	8.9
76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
73.75°	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8
72.5°	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8	10.8
71.25°	10.9	11.1	11.3	11.4	11.6	11.7	11.8	11.9	12.1	12.1	12.2
70°	12.3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.5	13.6	13.7
68.75°	13.7	13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.0	15.1	15.2
67.5°	15.1	15.3	15.5	15.7	15.9	16.0	16.2	16.3	16.5	16.6	16.7
66.25°	16.5	16.7	16.9	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8
65°	17.6	17.7	17.9	18.0	18.1	18.3	18.4	18.5	18.6	18.7	18.8
63.75°	18.5	18.6	18.8	19.0	19.2	19.3	19.5	19.7	19.9	20.0	20.1
62.5°	19.6	19.9	20.1	20.4	20.6	20.8	21.0	21.2	21.3	21.5	21.6
61.25°	21.0	21.2	21.5	21.8	22.0	22.1	22.1	22.2	22.3	22.3	22.4
60°	22.1	22.2	22.3	22.4	22.5	22.6	22.6	22.7	22.7	22.8	22.8
58.75°	22.6	22.7	22.8	22.9	22.9	23.0	23.1	23.2	23.2	23.3	23.3
57.5°	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.7	23.8	23.8
56.25°	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.3	24.4	24.5	24.6
55°	23.9	24.1	24.3	24.5	24.7	24.9	25.1	25.2	25.4	25.5	25.6
53.75°	24.8	25.0	25.2	25.5	25.7	25.9	26.0	26.1	26.2	26.2	26.3
52.5°	25.7	25.9	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.7	26.8
51.25°	26.3	26.4	26.5	26.7	26.8	26.9	27.0	27.1	27.1	27.2	27.3
50°	26.7	26.9	27.0	27.1	27.2	27.4	27.5	27.5	27.6	27.7	27.8
48.75°	27.2	27.3	27.5	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0
47.5°	27.6	27.8	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
46.25°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9	27.8	27.8
45°	28.0	28.0	28.0	28.0	27.9	27.8	27.6	27.5	27.4	27.3	27.3
43.75°	28.0	27.9	27.7	27.6	27.4	27.3	27.2	27.1	27.0	27.0	27.0
42.5°	27.6	27.5	27.3	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0
41.25°	27.2	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.2
40°	27.0	27.0	27.0	27.0	27.0	27.1	27.2	27.4	27.5	27.6	27.7
38.75°	27.0	27.0	27.0	27.2	27.4	27.6	27.7	27.8	28.0	28.1	28.2
37.5°	27.1	27.3	27.5	27.7	27.8	28.0	28.2	28.3	28.4	28.6	28.7
36.25°	27.5	27.7	27.9	28.1	28.3	28.5	28.6	28.8	28.9	29.1	29.4
35°	27.9	28.1	28.3	28.5	28.7	28.9	29.3	29.7	30.1	30.5	30.9



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	28.3	28.6	28.8	29.0	29.6	30.1	30.6	31.1	31.6	32.0	32.3
32.5°	28.7	29.0	29.6	30.3	30.9	31.5	32.0	32.5	33.0	33.4	33.8
31.25°	29.4	30.1	30.9	31.5	32.2	32.8	33.4	33.9	34.4	34.8	37.1
30°	30.6	31.4	32.1	32.8	33.5	34.1	34.7	37.8	43.0	47.7	51.9
28.75°	31.8	32.6	33.3	34.1	34.8	39.6	46.0	51.9	57.4	62.3	67.8
27.5°	32.9	33.8	34.6	38.4	46.0	53.1	59.7	65.9	80.6	93.9	105.8
26.25°	34.1	34.9	42.8	51.1	59.0	67.1	85.0	101.8	117.2	131.2	144.6
25°	36.7	46.1	55.0	63.6	81.1	101.1	119.8	137.8	155.0	173.3	193.1
23.75°	48.0	57.7	68.6	91.7	113.7	134.9	155.8	179.9	205.3	232.3	257.9
22.5°	59.0	73.9	98.9	122.9	146.8	172.5	203.3	236.8	269.6	302.4	332.2
21.25°	75.6	102.5	128.4	154.9	187.0	223.3	262.9	303.1	341.9	382.0	418.4
20°	102.5	130.3	158.9	195.8	238.1	283.1	328.9	377.4	423.8	467.3	508.8
18.75°	128.4	158.9	198.8	245.6	295.8	347.9	403.2	456.5	508.5	559.8	602.9
17.5°	154.9	195.8	245.6	300.0	358.0	419.1	478.6	540.3	596.4	645.0	684.2
16.25°	187.0	238.1	295.8	358.0	424.5	490.0	559.7	620.3	672.6	717.4	758.2
15°	223.3	283.1	347.9	419.1	490.0	566.2	632.4	689.0	740.0	787.3	828.2
13.75°	262.9	328.9	403.2	478.6	559.7	632.4	694.5	751.4	804.1	852.2	904.8
12.5°	303.1	377.4	456.5	540.3	620.3	689.0	751.4	809.8	866.5	927.4	986.5
11.25°	341.9	423.8	508.5	596.4	672.6	740.0	804.1	866.5	935.3	1003.3	1056.4
10°	382.0	467.3	559.8	645.0	717.4	787.3	852.2	927.4	1003.3	1063.9	1115.5
8.75°	418.4	508.8	602.9	684.2	758.2	828.2	904.8	986.5	1056.4	1115.5	1168.0
7.5°	451.3	547.7	639.9	718.5	794.1	868.4	953.8	1034.4	1101.4	1160.8	1210.8
6.25°	479.6	580.5	669.2	748.2	824.0	907.1	997.7	1073.8	1139.6	1198.3	1245.0
5°	504.9	605.5	692.4	773.0	849.4	940.5	1029.8	1104.1	1171.0	1226.2	1273.1
3.75°	525.6	625.3	710.8	792.2	873.4	967.9	1054.7	1128.5	1194.9	1247.7	1293.5
2.5°	540.5	639.5	724.0	805.7	890.9	987.8	1072.7	1145.6	1210.0	1263.2	1308.5
1.25°	549.5	648.1	732.1	813.8	901.4	999.9	1082.7	1156.0	1219.4	1272.8	1316.4
0°	552.5	651.0	734.8	816.5	905.0	1004.0	1086.0	1159.5	1222.5	1276.0	1318.8
-1.25°	549.5	648.1	732.1	813.8	901.4	999.9	1082.7	1156.0	1219.4	1272.8	1316.4
-2.5°	540.5	639.5	724.0	805.7	890.9	987.8	1072.7	1145.6	1210.0	1263.2	1308.5
-3.75°	525.6	625.3	710.8	792.2	873.4	967.9	1054.7	1128.5	1194.9	1247.7	1293.5
-5°	504.9	605.5	692.4	773.0	849.4	940.5	1029.8	1104.1	1171.0	1226.2	1273.1
-6.25°	479.6	580.5	669.2	748.2	824.0	907.1	997.7	1073.8	1139.6	1198.3	1245.0
-7.5°	451.3	547.7	639.9	718.5	794.1	868.4	953.8	1034.4	1101.4	1160.8	1210.8
-8.75°	418.4	508.8	602.9	684.2	758.2	828.2	904.8	986.5	1056.4	1115.5	1168.0
-10°	382.0	467.3	559.8	645.0	717.4	787.3	852.2	927.4	1003.3	1063.9	1115.5
-11.25°	341.9	423.8	508.5	596.4	672.6	740.0	804.1	866.5	935.3	1003.3	1056.4
-12.5°	303.1	377.4	456.5	540.3	620.3	689.0	751.4	809.8	866.5	927.4	986.5
-13.75°	262.9	328.9	403.2	478.6	559.7	632.4	694.5	751.4	804.1	852.2	904.8
-15°	223.3	283.1	347.9	419.1	490.0	566.2	632.4	689.0	740.0	787.3	828.2
-16.25°	187.0	238.1	295.8	358.0	424.5	490.0	559.7	620.3	672.6	717.4	758.2
-17.5°	154.9	195.8	245.6	300.0	358.0	419.1	478.6	540.3	596.4	645.0	684.2
-18.75°	128.4	158.9	198.8	245.6	295.8	347.9	403.2	456.5	508.5	559.8	602.9
-20°	102.5	130.3	158.9	195.8	238.1	283.1	328.9	377.4	423.8	467.3	508.8
-21.25°	75.6	102.5	128.4	154.9	187.0	223.3	262.9	303.1	341.9	382.0	418.4



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	59.0	73.9	98.9	122.9	146.8	172.5	203.3	236.8	269.6	302.4	332.2
-23.75°	48.0	57.7	68.6	91.7	113.7	134.9	155.8	179.9	205.3	232.3	257.9
-25°	36.7	46.1	55.0	63.6	81.1	101.1	119.8	137.8	155.0	173.3	193.1
-26.25°	34.1	34.9	42.8	51.1	59.0	67.1	85.0	101.8	117.2	131.2	144.6
-27.5°	32.9	33.8	34.6	38.4	46.0	53.1	59.7	65.9	80.6	93.9	105.8
-28.75°	31.8	32.6	33.3	34.1	34.8	39.6	46.0	51.9	57.4	62.3	67.8
-30°	30.6	31.4	32.1	32.8	33.5	34.1	34.7	37.8	43.0	47.7	51.9
-31.25°	29.4	30.1	30.9	31.5	32.2	32.8	33.4	33.9	34.4	34.8	37.1
-32.5°	28.7	29.0	29.6	30.3	30.9	31.5	32.0	32.5	33.0	33.4	33.8
-33.75°	28.3	28.6	28.8	29.0	29.6	30.1	30.6	31.1	31.6	32.0	32.3
-35°	27.9	28.1	28.3	28.5	28.7	28.9	29.3	29.7	30.1	30.5	30.9
-36.25°	27.5	27.7	27.9	28.1	28.3	28.5	28.6	28.8	28.9	29.1	29.4
-37.5°	27.1	27.3	27.5	27.7	27.8	28.0	28.2	28.3	28.4	28.6	28.7
-38.75°	27.0	27.0	27.0	27.2	27.4	27.6	27.7	27.8	28.0	28.1	28.2
-40°	27.0	27.0	27.0	27.0	27.0	27.1	27.2	27.4	27.5	27.6	27.7
-41.25°	27.2	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.2
-42.5°	27.6	27.5	27.3	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0
-43.75°	28.0	27.9	27.7	27.6	27.4	27.3	27.2	27.1	27.0	27.0	27.0
-45°	28.0	28.0	28.0	28.0	27.9	27.8	27.6	27.5	27.4	27.3	27.3
-46.25°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9	27.8	27.8
-47.5°	27.6	27.8	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
-48.75°	27.2	27.3	27.5	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0
-50°	26.7	26.9	27.0	27.1	27.2	27.4	27.5	27.5	27.6	27.7	27.8
-51.25°	26.3	26.4	26.5	26.7	26.8	26.9	27.0	27.1	27.1	27.2	27.3
-52.5°	25.7	25.9	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.7	26.8
-53.75°	24.8	25.0	25.2	25.5	25.7	25.9	26.0	26.1	26.2	26.2	26.3
-55°	23.9	24.1	24.3	24.5	24.7	24.9	25.1	25.2	25.4	25.5	25.6
-56.25°	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.3	24.4	24.5	24.6
-57.5°	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.7	23.8	23.8
-58.75°	22.6	22.7	22.8	22.9	22.9	23.0	23.1	23.2	23.2	23.3	23.3
-60°	22.1	22.2	22.3	22.4	22.5	22.6	22.6	22.7	22.7	22.8	22.8
-61.25°	21.0	21.2	21.5	21.8	22.0	22.1	22.1	22.2	22.3	22.3	22.4
-62.5°	19.6	19.9	20.1	20.4	20.6	20.8	21.0	21.2	21.3	21.5	21.6
-63.75°	18.5	18.6	18.8	19.0	19.2	19.3	19.5	19.7	19.9	20.0	20.1
-65°	17.6	17.7	17.9	18.0	18.1	18.3	18.4	18.5	18.6	18.7	18.8
-66.25°	16.5	16.7	16.9	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8
-67.5°	15.1	15.3	15.5	15.7	15.9	16.0	16.2	16.3	16.5	16.6	16.7
-68.75°	13.7	13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.0	15.1	15.2
-70°	12.3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.5	13.6	13.7
-71.25°	10.9	11.1	11.3	11.4	11.6	11.7	11.8	11.9	12.1	12.1	12.2
-72.5°	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8	10.8
-73.75°	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8
-75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-77.5°	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.8	8.9



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9
-80°	6.7	6.8	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9	7.0
-81.25°	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.5
-82.5°	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9
-83.75°	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9
-85°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
-86.25°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-88.75°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
83.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
82.5°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
81.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
80°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
78.75°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
77.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
73.75°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
72.5°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
71.25°	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
70°	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
68.75°	15.3	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
67.5°	16.8	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
66.25°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
65°	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	18.9
63.75°	20.2	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
62.5°	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
61.25°	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
60°	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9
58.75°	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.4
57.5°	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
56.25°	24.7	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
55°	25.7	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9
53.75°	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.4
52.5°	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.9
51.25°	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4
50°	27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9
48.75°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
47.5°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
46.25°	27.7	27.6	27.6	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.6
45°	27.2	27.1	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1
43.75°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
42.5°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
41.25°	27.3	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.4	27.4
40°	27.8	27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.9
38.75°	28.3	28.3	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.4	28.4
37.5°	28.7	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.9
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: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	32.6	32.9	33.1	33.3	33.4	33.5	33.5	33.5	33.4	33.3	33.1
32.5°	34.1	34.4	34.6	34.8	34.9	35.0	35.0	35.0	34.9	34.8	34.6
31.25°	40.6	43.6	46.1	48.0	49.4	50.2	50.5	50.2	49.4	48.0	46.1
30°	55.6	58.7	61.3	63.4	64.8	65.7	66.0	65.7	64.8	63.4	61.3
28.75°	77.8	86.3	93.4	98.9	102.8	105.2	106.0	105.2	102.8	98.9	93.4
27.5°	116.3	125.3	132.9	139.0	143.4	146.1	147.0	146.1	143.4	139.0	132.9
26.25°	156.3	167.2	178.9	188.1	194.7	198.7	200.0	198.7	194.7	188.1	178.9
25°	210.5	228.5	243.7	255.6	264.1	269.3	271.0	269.3	264.1	255.6	243.7
23.75°	281.4	302.7	320.4	334.2	345.5	352.4	354.8	352.4	345.5	334.2	320.4
22.5°	361.8	387.9	409.5	426.8	439.4	447.0	449.5	447.0	439.4	426.8	409.5
21.25°	451.3	479.6	504.9	525.6	540.5	549.5	552.5	549.5	540.5	525.6	504.9
20°	547.7	580.5	605.5	625.3	639.5	648.1	651.0	648.1	639.5	625.3	605.5
18.75°	639.9	669.2	692.4	710.8	724.0	732.1	734.8	732.1	724.0	710.8	692.4
17.5°	718.5	748.2	773.0	792.2	805.7	813.8	816.5	813.8	805.7	792.2	773.0
16.25°	794.1	824.0	849.4	873.4	890.9	901.4	905.0	901.4	890.9	873.4	849.4
15°	868.4	907.1	940.5	967.9	987.8	999.9	1004.0	999.9	987.8	967.9	940.5
13.75°	953.8	997.7	1029.8	1054.7	1072.7	1082.7	1086.0	1082.7	1072.7	1054.7	1029.8
12.5°	1034.4	1073.8	1104.1	1128.5	1145.6	1156.0	1159.5	1156.0	1145.6	1128.5	1104.1
11.25°	1101.4	1139.6	1171.0	1194.9	1210.0	1219.4	1222.5	1219.4	1210.0	1194.9	1171.0
10°	1160.8	1198.3	1226.2	1247.7	1263.2	1272.8	1276.0	1272.8	1263.2	1247.7	1226.2
8.75°	1210.8	1245.0	1273.1	1293.5	1308.5	1316.4	1318.8	1316.4	1308.5	1293.5	1273.1
7.5°	1251.2	1285.0	1311.8	1328.7	1341.6	1349.7	1352.5	1349.7	1341.6	1328.7	1311.8
6.25°	1285.0	1316.6	1339.1	1358.3	1370.6	1376.7	1378.8	1376.7	1370.6	1358.3	1339.1
5°	1311.8	1339.1	1364.2	1378.8	1389.6	1396.5	1399.0	1396.5	1389.6	1378.8	1364.2
3.75°	1328.7	1358.3	1378.8	1394.2	1403.9	1409.4	1411.0	1409.4	1403.9	1394.2	1378.8
2.5°	1341.6	1370.6	1389.6	1403.9	1412.7	1418.8	1421.5	1418.8	1412.7	1403.9	1389.6
1.25°	1349.7	1376.7	1396.5	1409.4	1418.8	1426.9	1429.0	1426.9	1418.8	1409.4	1396.5
0°	1352.5	1378.8	1399.0	1411.0	1421.5	1429.0	1436.0	1429.0	1421.5	1411.0	1399.0
-1.25°	1349.7	1376.7	1396.5	1409.4	1418.8	1426.9	1429.0	1426.9	1418.8	1409.4	1396.5
-2.5°	1341.6	1370.6	1389.6	1403.9	1412.7	1418.8	1421.5	1418.8	1412.7	1403.9	1389.6
-3.75°	1328.7	1358.3	1378.8	1394.2	1403.9	1409.4	1411.0	1409.4	1403.9	1394.2	1378.8
-5°	1311.8	1339.1	1364.2	1378.8	1389.6	1396.5	1399.0	1396.5	1389.6	1378.8	1364.2
-6.25°	1285.0	1316.6	1339.1	1358.3	1370.6	1376.7	1378.8	1376.7	1370.6	1358.3	1339.1
-7.5°	1251.2	1285.0	1311.8	1328.7	1341.6	1349.7	1352.5	1349.7	1341.6	1328.7	1311.8
-8.75°	1210.8	1245.0	1273.1	1293.5	1308.5	1316.4	1318.8	1316.4	1308.5	1293.5	1273.1
-10°	1160.8	1198.3	1226.2	1247.7	1263.2	1272.8	1276.0	1272.8	1263.2	1247.7	1226.2
-11.25°	1101.4	1139.6	1171.0	1194.9	1210.0	1219.4	1222.5	1219.4	1210.0	1194.9	1171.0
-12.5°	1034.4	1073.8	1104.1	1128.5	1145.6	1156.0	1159.5	1156.0	1145.6	1128.5	1104.1
-13.75°	953.8	997.7	1029.8	1054.7	1072.7	1082.7	1086.0	1082.7	1072.7	1054.7	1029.8
-15°	868.4	907.1	940.5	967.9	987.8	999.9	1004.0	999.9	987.8	967.9	940.5
-16.25°	794.1	824.0	849.4	873.4	890.9	901.4	905.0	901.4	890.9	873.4	849.4
-17.5°	718.5	748.2	773.0	792.2	805.7	813.8	816.5	813.8	805.7	792.2	773.0
-18.75°	639.9	669.2	692.4	710.8	724.0	732.1	734.8	732.1	724.0	710.8	692.4
-20°	547.7	580.5	605.5	625.3	639.5	648.1	651.0	648.1	639.5	625.3	605.5
-21.25°	451.3	479.6	504.9	525.6	540.5	549.5	552.5	549.5	540.5	525.6	504.9



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	361.8	387.9	409.5	426.8	439.4	447.0	449.5	447.0	439.4	426.8	409.5
-23.75°	281.4	302.7	320.4	334.2	345.5	352.4	354.8	352.4	345.5	334.2	320.4
-25°	210.5	228.5	243.7	255.6	264.1	269.3	271.0	269.3	264.1	255.6	243.7
-26.25°	156.3	167.2	178.9	188.1	194.7	198.7	200.0	198.7	194.7	188.1	178.9
-27.5°	116.3	125.3	132.9	139.0	143.4	146.1	147.0	146.1	143.4	139.0	132.9
-28.75°	77.8	86.3	93.4	98.9	102.8	105.2	106.0	105.2	102.8	98.9	93.4
-30°	55.6	58.7	61.3	63.4	64.8	65.7	66.0	65.7	64.8	63.4	61.3
-31.25°	40.6	43.6	46.1	48.0	49.4	50.2	50.5	50.2	49.4	48.0	46.1
-32.5°	34.1	34.4	34.6	34.8	34.9	35.0	35.0	35.0	34.9	34.8	34.6
-33.75°	32.6	32.9	33.1	33.3	33.4	33.5	33.5	33.5	33.4	33.3	33.1
-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°	28.7	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.9
-38.75°	28.3	28.3	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.4	28.4
-40°	27.8	27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.9
-41.25°	27.3	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.4	27.4
-42.5°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
-43.75°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
-45°	27.2	27.1	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1
-46.25°	27.7	27.6	27.6	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.6
-47.5°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
-48.75°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
-50°	27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9
-51.25°	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.4
-52.5°	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.9
-53.75°	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.4
-55°	25.7	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9
-56.25°	24.7	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.9
-57.5°	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
-58.75°	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.4
-60°	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.9
-61.25°	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
-62.5°	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
-63.75°	20.2	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
-65°	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	18.9
-66.25°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
-67.5°	16.8	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	16.9	16.9
-68.75°	15.3	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.4
-70°	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
-71.25°	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
-72.5°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-73.75°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-77.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-80°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-81.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-82.5°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-83.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
86.25°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
85°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
83.75°	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7
82.5°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
81.25°	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3
80°	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8
78.75°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
77.5°	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5
76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
73.75°	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3
72.5°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2
71.25°	12.4	12.3	12.2	12.1	12.1	11.9	11.8	11.7	11.6	11.4	11.3
70°	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.1	13.0	12.8	12.7
68.75°	15.3	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.4	14.3	14.1
67.5°	16.8	16.8	16.7	16.6	16.5	16.3	16.2	16.0	15.9	15.7	15.5
66.25°	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.1	16.9
65°	18.9	18.8	18.8	18.7	18.6	18.5	18.4	18.3	18.1	18.0	17.9
63.75°	20.3	20.2	20.1	20.0	19.9	19.7	19.5	19.3	19.2	19.0	18.8
62.5°	21.8	21.7	21.6	21.5	21.3	21.2	21.0	20.8	20.6	20.4	20.1
61.25°	22.4	22.4	22.4	22.3	22.3	22.2	22.1	22.1	22.0	21.8	21.5
60°	22.9	22.9	22.8	22.8	22.7	22.7	22.6	22.6	22.5	22.4	22.3
58.75°	23.4	23.4	23.3	23.3	23.2	23.2	23.1	23.0	22.9	22.9	22.8
57.5°	23.9	23.9	23.8	23.8	23.7	23.7	23.6	23.5	23.4	23.3	23.2
56.25°	24.8	24.7	24.6	24.5	24.4	24.3	24.1	24.0	23.9	23.8	23.7
55°	25.8	25.7	25.6	25.5	25.4	25.2	25.1	24.9	24.7	24.5	24.3
53.75°	26.4	26.4	26.3	26.2	26.2	26.1	26.0	25.9	25.7	25.5	25.2
52.5°	26.9	26.8	26.8	26.7	26.7	26.6	26.5	26.4	26.3	26.2	26.1
51.25°	27.4	27.3	27.3	27.2	27.1	27.1	27.0	26.9	26.8	26.7	26.5
50°	27.9	27.8	27.8	27.7	27.6	27.5	27.5	27.4	27.2	27.1	27.0
48.75°	28.0	28.0	28.0	28.0	28.0	28.0	27.9	27.8	27.7	27.6	27.5
47.5°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9
46.25°	27.6	27.7	27.8	27.8	27.9	28.0	28.0	28.0	28.0	28.0	28.0
45°	27.1	27.2	27.3	27.3	27.4	27.5	27.6	27.8	27.9	28.0	28.0
43.75°	27.0	27.0	27.0	27.0	27.0	27.1	27.2	27.3	27.4	27.6	27.7
42.5°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.3
41.25°	27.3	27.3	27.2	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0
40°	27.8	27.8	27.7	27.6	27.5	27.4	27.2	27.1	27.0	27.0	27.0
38.75°	28.3	28.3	28.2	28.1	28.0	27.8	27.7	27.6	27.4	27.2	27.0
37.5°	28.8	28.7	28.7	28.6	28.4	28.3	28.2	28.0	27.8	27.7	27.5
36.25°	29.9	29.7	29.4	29.1	28.9	28.8	28.6	28.5	28.3	28.1	27.9
35°	31.4	31.2	30.9	30.5	30.1	29.7	29.3	28.9	28.7	28.5	28.3

REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	32.9	32.6	32.3	32.0	31.6	31.1	30.6	30.1	29.6	29.0	28.8
32.5°	34.4	34.1	33.8	33.4	33.0	32.5	32.0	31.5	30.9	30.3	29.6
31.25°	43.6	40.6	37.1	34.8	34.4	33.9	33.4	32.8	32.2	31.5	30.9
30°	58.7	55.6	51.9	47.7	43.0	37.8	34.7	34.1	33.5	32.8	32.1
28.75°	86.3	77.8	67.8	62.3	57.4	51.9	46.0	39.6	34.8	34.1	33.3
27.5°	125.3	116.3	105.8	93.9	80.6	65.9	59.7	53.1	46.0	38.4	34.6
26.25°	167.2	156.3	144.6	131.2	117.2	101.8	85.0	67.1	59.0	51.1	42.8
25°	228.5	210.5	193.1	173.3	155.0	137.8	119.8	101.1	81.1	63.6	55.0
23.75°	302.7	281.4	257.9	232.3	205.3	179.9	155.8	134.9	113.7	91.7	68.6
22.5°	387.9	361.8	332.2	302.4	269.6	236.8	203.3	172.5	146.8	122.9	98.9
21.25°	479.6	451.3	418.4	382.0	341.9	303.1	262.9	223.3	187.0	154.9	128.4
20°	580.5	547.7	508.8	467.3	423.8	377.4	328.9	283.1	238.1	195.8	158.9
18.75°	669.2	639.9	602.9	559.8	508.5	456.5	403.2	347.9	295.8	245.6	198.8
17.5°	748.2	718.5	684.2	645.0	596.4	540.3	478.6	419.1	358.0	300.0	245.6
16.25°	824.0	794.1	758.2	717.4	672.6	620.3	559.7	490.0	424.5	358.0	295.8
15°	907.1	868.4	828.2	787.3	740.0	689.0	632.4	566.2	490.0	419.1	347.9
13.75°	997.7	953.8	904.8	852.2	804.1	751.4	694.5	632.4	559.7	478.6	403.2
12.5°	1073.8	1034.4	986.5	927.4	866.5	809.8	751.4	689.0	620.3	540.3	456.5
11.25°	1139.6	1101.4	1056.4	1003.3	935.3	866.5	804.1	740.0	672.6	596.4	508.5
10°	1198.3	1160.8	1115.5	1063.9	1003.3	927.4	852.2	787.3	717.4	645.0	559.8
8.75°	1245.0	1210.8	1168.0	1115.5	1056.4	986.5	904.8	828.2	758.2	684.2	602.9
7.5°	1285.0	1251.2	1210.8	1160.8	1101.4	1034.4	953.8	868.4	794.1	718.5	639.9
6.25°	1316.6	1285.0	1245.0	1198.3	1139.6	1073.8	997.7	907.1	824.0	748.2	669.2
5°	1339.1	1311.8	1273.1	1226.2	1171.0	1104.1	1029.8	940.5	849.4	773.0	692.4
3.75°	1358.3	1328.7	1293.5	1247.7	1194.9	1128.5	1054.7	967.9	873.4	792.2	710.8
2.5°	1370.6	1341.6	1308.5	1263.2	1210.0	1145.6	1072.7	987.8	890.9	805.7	724.0
1.25°	1376.7	1349.7	1316.4	1272.8	1219.4	1156.0	1082.7	999.9	901.4	813.8	732.1
0°	1378.8	1352.5	1318.8	1276.0	1222.5	1159.5	1086.0	1004.0	905.0	816.5	734.8
-1.25°	1376.7	1349.7	1316.4	1272.8	1219.4	1156.0	1082.7	999.9	901.4	813.8	732.1
-2.5°	1370.6	1341.6	1308.5	1263.2	1210.0	1145.6	1072.7	987.8	890.9	805.7	724.0
-3.75°	1358.3	1328.7	1293.5	1247.7	1194.9	1128.5	1054.7	967.9	873.4	792.2	710.8
-5°	1339.1	1311.8	1273.1	1226.2	1171.0	1104.1	1029.8	940.5	849.4	773.0	692.4
-6.25°	1316.6	1285.0	1245.0	1198.3	1139.6	1073.8	997.7	907.1	824.0	748.2	669.2
-7.5°	1285.0	1251.2	1210.8	1160.8	1101.4	1034.4	953.8	868.4	794.1	718.5	639.9
-8.75°	1245.0	1210.8	1168.0	1115.5	1056.4	986.5	904.8	828.2	758.2	684.2	602.9
-10°	1198.3	1160.8	1115.5	1063.9	1003.3	927.4	852.2	787.3	717.4	645.0	559.8
-11.25°	1139.6	1101.4	1056.4	1003.3	935.3	866.5	804.1	740.0	672.6	596.4	508.5
-12.5°	1073.8	1034.4	986.5	927.4	866.5	809.8	751.4	689.0	620.3	540.3	456.5
-13.75°	997.7	953.8	904.8	852.2	804.1	751.4	694.5	632.4	559.7	478.6	403.2
-15°	907.1	868.4	828.2	787.3	740.0	689.0	632.4	566.2	490.0	419.1	347.9
-16.25°	824.0	794.1	758.2	717.4	672.6	620.3	559.7	490.0	424.5	358.0	295.8
-17.5°	748.2	718.5	684.2	645.0	596.4	540.3	478.6	419.1	358.0	300.0	245.6
-18.75°	669.2	639.9	602.9	559.8	508.5	456.5	403.2	347.9	295.8	245.6	198.8
-20°	580.5	547.7	508.8	467.3	423.8	377.4	328.9	283.1	238.1	195.8	158.9
-21.25°	479.6	451.3	418.4	382.0	341.9	303.1	262.9	223.3	187.0	154.9	128.4

REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDGR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	387.9	361.8	332.2	302.4	269.6	236.8	203.3	172.5	146.8	122.9	98.9
-23.75°	302.7	281.4	257.9	232.3	205.3	179.9	155.8	134.9	113.7	91.7	68.6
-25°	228.5	210.5	193.1	173.3	155.0	137.8	119.8	101.1	81.1	63.6	55.0
-26.25°	167.2	156.3	144.6	131.2	117.2	101.8	85.0	67.1	59.0	51.1	42.8
-27.5°	125.3	116.3	105.8	93.9	80.6	65.9	59.7	53.1	46.0	38.4	34.6
-28.75°	86.3	77.8	67.8	62.3	57.4	51.9	46.0	39.6	34.8	34.1	33.3
-30°	58.7	55.6	51.9	47.7	43.0	37.8	34.7	34.1	33.5	32.8	32.1
-31.25°	43.6	40.6	37.1	34.8	34.4	33.9	33.4	32.8	32.2	31.5	30.9
-32.5°	34.4	34.1	33.8	33.4	33.0	32.5	32.0	31.5	30.9	30.3	29.6
-33.75°	32.9	32.6	32.3	32.0	31.6	31.1	30.6	30.1	29.6	29.0	28.8
-35°	31.4	31.2	30.9	30.5	30.1	29.7	29.3	28.9	28.7	28.5	28.3
-36.25°	29.9	29.7	29.4	29.1	28.9	28.8	28.6	28.5	28.3	28.1	27.9
-37.5°	28.8	28.7	28.7	28.6	28.4	28.3	28.2	28.0	27.8	27.7	27.5
-38.75°	28.3	28.3	28.2	28.1	28.0	27.8	27.7	27.6	27.4	27.2	27.0
-40°	27.8	27.8	27.7	27.6	27.5	27.4	27.2	27.1	27.0	27.0	27.0
-41.25°	27.3	27.3	27.2	27.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0
-42.5°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.3
-43.75°	27.0	27.0	27.0	27.0	27.0	27.1	27.2	27.3	27.4	27.6	27.7
-45°	27.1	27.2	27.3	27.3	27.4	27.5	27.6	27.8	27.9	28.0	28.0
-46.25°	27.6	27.7	27.8	27.8	27.9	28.0	28.0	28.0	28.0	28.0	28.0
-47.5°	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9
-48.75°	28.0	28.0	28.0	28.0	28.0	28.0	27.9	27.8	27.7	27.6	27.5
-50°	27.9	27.8	27.8	27.7	27.6	27.5	27.5	27.4	27.2	27.1	27.0
-51.25°	27.4	27.3	27.3	27.2	27.1	27.1	27.0	26.9	26.8	26.7	26.5
-52.5°	26.9	26.8	26.8	26.7	26.7	26.6	26.5	26.4	26.3	26.2	26.1
-53.75°	26.4	26.4	26.3	26.2	26.2	26.1	26.0	25.9	25.7	25.5	25.2
-55°	25.8	25.7	25.6	25.5	25.4	25.2	25.1	24.9	24.7	24.5	24.3
-56.25°	24.8	24.7	24.6	24.5	24.4	24.3	24.1	24.0	23.9	23.8	23.7
-57.5°	23.9	23.9	23.8	23.8	23.7	23.7	23.6	23.5	23.4	23.3	23.2
-58.75°	23.4	23.4	23.3	23.3	23.2	23.2	23.1	23.0	22.9	22.9	22.8
-60°	22.9	22.9	22.8	22.8	22.7	22.7	22.6	22.6	22.5	22.4	22.3
-61.25°	22.4	22.4	22.4	22.3	22.3	22.2	22.1	22.1	22.0	21.8	21.5
-62.5°	21.8	21.7	21.6	21.5	21.3	21.2	21.0	20.8	20.6	20.4	20.1
-63.75°	20.3	20.2	20.1	20.0	19.9	19.7	19.5	19.3	19.2	19.0	18.8
-65°	18.9	18.8	18.8	18.7	18.6	18.5	18.4	18.3	18.1	18.0	17.9
-66.25°	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.1	16.9
-67.5°	16.8	16.8	16.7	16.6	16.5	16.3	16.2	16.0	15.9	15.7	15.5
-68.75°	15.3	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.4	14.3	14.1
-70°	13.9	13.8	13.7	13.6	13.5	13.4	13.3	13.1	13.0	12.8	12.7
-71.25°	12.4	12.3	12.2	12.1	12.1	11.9	11.8	11.7	11.6	11.4	11.3
-72.5°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2
-73.75°	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.5	9.4	9.3
-75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-76.25°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-77.5°	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5
-80°	7.0	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8
-81.25°	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3
-82.5°	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
-83.75°	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7
-85°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
-86.25°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-88.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
85°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
83.75°	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2
82.5°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1
81.25°	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	5.9
80°	6.8	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.4
78.75°	7.5	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.8
77.5°	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.6	7.5	7.4
76.25°	9.0	9.0	9.0	9.0	9.0	8.8	8.7	8.6	8.5	8.4	8.3
75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
73.75°	9.2	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
72.5°	10.1	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	9.0	9.0
71.25°	11.1	10.9	10.8	10.7	10.5	10.4	10.3	10.1	9.9	9.8	9.6
70°	12.5	12.3	12.1	11.9	11.7	11.4	11.2	11.0	10.8	10.6	10.4
68.75°	13.9	13.7	13.5	13.2	13.0	12.8	12.5	12.2	12.0	11.7	11.4
67.5°	15.3	15.1	14.8	14.6	14.4	14.1	13.8	13.5	13.2	12.9	12.6
66.25°	16.7	16.5	16.2	16.0	15.7	15.4	15.1	14.8	14.5	14.2	13.8
65°	17.7	17.6	17.4	17.2	17.0	16.7	16.4	16.1	15.8	15.4	15.1
63.75°	18.6	18.5	18.3	18.1	17.9	17.7	17.5	17.3	17.0	16.7	16.3
62.5°	19.9	19.6	19.3	19.0	18.8	18.6	18.3	18.1	17.9	17.6	17.3
61.25°	21.2	21.0	20.7	20.3	20.0	19.7	19.3	19.0	18.7	18.4	18.1
60°	22.2	22.1	22.0	21.7	21.3	21.0	20.6	20.2	19.8	19.4	19.0
58.75°	22.7	22.6	22.5	22.3	22.2	22.1	21.9	21.5	21.0	20.6	20.1
57.5°	23.1	23.0	22.9	22.8	22.7	22.5	22.4	22.2	22.1	21.8	21.3
56.25°	23.6	23.5	23.4	23.2	23.1	23.0	22.8	22.7	22.5	22.3	22.2
55°	24.1	23.9	23.8	23.7	23.5	23.4	23.2	23.1	22.9	22.7	22.6
53.75°	25.0	24.8	24.5	24.2	24.0	23.8	23.7	23.5	23.3	23.1	23.0
52.5°	25.9	25.7	25.4	25.1	24.8	24.5	24.1	23.9	23.7	23.5	23.4
51.25°	26.4	26.3	26.1	26.0	25.6	25.3	25.0	24.6	24.3	23.9	23.7
50°	26.9	26.7	26.6	26.4	26.3	26.1	25.8	25.4	25.1	24.7	24.3
48.75°	27.3	27.2	27.0	26.8	26.7	26.5	26.3	26.1	25.9	25.4	25.0
47.5°	27.8	27.6	27.4	27.3	27.1	26.9	26.7	26.5	26.3	26.1	25.8
46.25°	28.0	28.0	27.9	27.7	27.5	27.3	27.1	26.9	26.7	26.5	26.3
45°	28.0	28.0	28.0	28.0	27.9	27.7	27.5	27.3	27.1	26.9	26.6
43.75°	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.7	27.5	27.3	27.0
42.5°	27.5	27.6	27.8	28.0	28.0	28.0	28.0	28.0	27.9	27.6	27.4
41.25°	27.0	27.2	27.4	27.6	27.8	28.0	28.0	28.0	28.0	28.0	27.7
40°	27.0	27.0	27.0	27.2	27.4	27.6	27.9	28.0	28.0	28.0	28.0
38.75°	27.0	27.0	27.0	27.0	27.0	27.2	27.5	27.7	28.0	28.0	28.0
37.5°	27.3	27.1	27.0	27.0	27.0	27.0	27.1	27.4	27.6	27.9	28.0
36.25°	27.7	27.5	27.3	27.0	27.0	27.0	27.0	27.0	27.3	27.6	27.9
35°	28.1	27.9	27.7	27.4	27.2	27.0	27.0	27.0	27.0	27.2	27.5

REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCE-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	28.6	28.3	28.1	27.8	27.6	27.3	27.0	27.0	27.0	27.0	27.2
32.5°	29.0	28.7	28.5	28.2	27.9	27.7	27.4	27.1	27.0	27.0	27.0
31.25°	30.1	29.4	28.9	28.6	28.3	28.0	27.7	27.4	27.1	27.0	27.0
30°	31.4	30.6	29.8	29.0	28.7	28.4	28.1	27.8	27.4	27.1	27.0
28.75°	32.6	31.8	30.9	30.0	29.1	28.7	28.4	28.1	27.8	27.4	27.1
27.5°	33.8	32.9	32.0	31.1	30.2	29.2	28.8	28.4	28.1	27.7	27.4
26.25°	34.9	34.1	33.1	32.2	31.2	30.3	29.2	28.7	28.4	28.0	27.7
25°	46.1	36.7	34.2	33.3	32.3	31.2	30.2	29.1	28.7	28.3	27.9
23.75°	57.7	48.0	38.0	34.3	33.3	32.2	31.1	30.0	29.0	28.6	28.2
22.5°	73.9	59.0	48.6	38.0	34.2	33.1	32.0	30.9	29.8	28.9	28.5
21.25°	102.5	75.6	59.0	48.0	36.7	34.1	32.9	31.8	30.6	29.4	28.7
20°	130.3	102.5	73.9	57.7	46.1	34.9	33.8	32.6	31.4	30.1	29.0
18.75°	158.9	128.4	98.9	68.6	55.0	42.8	34.6	33.3	32.1	30.9	29.6
17.5°	195.8	154.9	122.9	91.7	63.6	51.1	38.4	34.1	32.8	31.5	30.3
16.25°	238.1	187.0	146.8	113.7	81.1	59.0	46.0	34.8	33.5	32.2	30.9
15°	283.1	223.3	172.5	134.9	101.1	67.1	53.1	39.6	34.1	32.8	31.5
13.75°	328.9	262.9	203.3	155.8	119.8	85.0	59.7	46.0	34.7	33.4	32.0
12.5°	377.4	303.1	236.8	179.9	137.8	101.8	65.9	51.9	37.8	33.9	32.5
11.25°	423.8	341.9	269.6	205.3	155.0	117.2	80.6	57.4	43.0	34.4	33.0
10°	467.3	382.0	302.4	232.3	173.3	131.2	93.9	62.3	47.7	34.8	33.4
8.75°	508.8	418.4	332.2	257.9	193.1	144.6	105.8	67.8	51.9	37.1	33.8
7.5°	547.7	451.3	361.8	281.4	210.5	156.3	116.3	77.8	55.6	40.6	34.1
6.25°	580.5	479.6	387.9	302.7	228.5	167.2	125.3	86.3	58.7	43.6	34.4
5°	605.5	504.9	409.5	320.4	243.7	178.9	132.9	93.4	61.3	46.1	34.6
3.75°	625.3	525.6	426.8	334.2	255.6	188.1	139.0	98.9	63.4	48.0	34.8
2.5°	639.5	540.5	439.4	345.5	264.1	194.7	143.4	102.8	64.8	49.4	34.9
1.25°	648.1	549.5	447.0	352.4	269.3	198.7	146.1	105.2	65.7	50.2	35.0
0°	651.0	552.5	449.5	354.8	271.0	200.0	147.0	106.0	66.0	50.5	35.0
-1.25°	648.1	549.5	447.0	352.4	269.3	198.7	146.1	105.2	65.7	50.2	35.0
-2.5°	639.5	540.5	439.4	345.5	264.1	194.7	143.4	102.8	64.8	49.4	34.9
-3.75°	625.3	525.6	426.8	334.2	255.6	188.1	139.0	98.9	63.4	48.0	34.8
-5°	605.5	504.9	409.5	320.4	243.7	178.9	132.9	93.4	61.3	46.1	34.6
-6.25°	580.5	479.6	387.9	302.7	228.5	167.2	125.3	86.3	58.7	43.6	34.4
-7.5°	547.7	451.3	361.8	281.4	210.5	156.3	116.3	77.8	55.6	40.6	34.1
-8.75°	508.8	418.4	332.2	257.9	193.1	144.6	105.8	67.8	51.9	37.1	33.8
-10°	467.3	382.0	302.4	232.3	173.3	131.2	93.9	62.3	47.7	34.8	33.4
-11.25°	423.8	341.9	269.6	205.3	155.0	117.2	80.6	57.4	43.0	34.4	33.0
-12.5°	377.4	303.1	236.8	179.9	137.8	101.8	65.9	51.9	37.8	33.9	32.5
-13.75°	328.9	262.9	203.3	155.8	119.8	85.0	59.7	46.0	34.7	33.4	32.0
-15°	283.1	223.3	172.5	134.9	101.1	67.1	53.1	39.6	34.1	32.8	31.5
-16.25°	238.1	187.0	146.8	113.7	81.1	59.0	46.0	34.8	33.5	32.2	30.9
-17.5°	195.8	154.9	122.9	91.7	63.6	51.1	38.4	34.1	32.8	31.5	30.3
-18.75°	158.9	128.4	98.9	68.6	55.0	42.8	34.6	33.3	32.1	30.9	29.6
-20°	130.3	102.5	73.9	57.7	46.1	34.9	33.8	32.6	31.4	30.1	29.0
-21.25°	102.5	75.6	59.0	48.0	36.7	34.1	32.9	31.8	30.6	29.4	28.7



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	73.9	59.0	48.6	38.0	34.2	33.1	32.0	30.9	29.8	28.9	28.5
-23.75°	57.7	48.0	38.0	34.3	33.3	32.2	31.1	30.0	29.0	28.6	28.2
-25°	46.1	36.7	34.2	33.3	32.3	31.2	30.2	29.1	28.7	28.3	27.9
-26.25°	34.9	34.1	33.1	32.2	31.2	30.3	29.2	28.7	28.4	28.0	27.7
-27.5°	33.8	32.9	32.0	31.1	30.2	29.2	28.8	28.4	28.1	27.7	27.4
-28.75°	32.6	31.8	30.9	30.0	29.1	28.7	28.4	28.1	27.8	27.4	27.1
-30°	31.4	30.6	29.8	29.0	28.7	28.4	28.1	27.8	27.4	27.1	27.0
-31.25°	30.1	29.4	28.9	28.6	28.3	28.0	27.7	27.4	27.1	27.0	27.0
-32.5°	29.0	28.7	28.5	28.2	27.9	27.7	27.4	27.1	27.0	27.0	27.0
-33.75°	28.6	28.3	28.1	27.8	27.6	27.3	27.0	27.0	27.0	27.0	27.2
-35°	28.1	27.9	27.7	27.4	27.2	27.0	27.0	27.0	27.0	27.2	27.5
-36.25°	27.7	27.5	27.3	27.0	27.0	27.0	27.0	27.0	27.3	27.6	27.9
-37.5°	27.3	27.1	27.0	27.0	27.0	27.0	27.1	27.4	27.6	27.9	28.0
-38.75°	27.0	27.0	27.0	27.0	27.0	27.2	27.5	27.7	28.0	28.0	28.0
-40°	27.0	27.0	27.0	27.2	27.4	27.6	27.9	28.0	28.0	28.0	28.0
-41.25°	27.0	27.2	27.4	27.6	27.8	28.0	28.0	28.0	28.0	28.0	27.7
-42.5°	27.5	27.6	27.8	28.0	28.0	28.0	28.0	28.0	27.9	27.6	27.4
-43.75°	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.7	27.5	27.3	27.0
-45°	28.0	28.0	28.0	28.0	27.9	27.7	27.5	27.3	27.1	26.9	26.6
-46.25°	28.0	28.0	27.9	27.7	27.5	27.3	27.1	26.9	26.7	26.5	26.3
-47.5°	27.8	27.6	27.4	27.3	27.1	26.9	26.7	26.5	26.3	26.1	25.8
-48.75°	27.3	27.2	27.0	26.8	26.7	26.5	26.3	26.1	25.9	25.4	25.0
-50°	26.9	26.7	26.6	26.4	26.3	26.1	25.8	25.4	25.1	24.7	24.3
-51.25°	26.4	26.3	26.1	26.0	25.6	25.3	25.0	24.6	24.3	23.9	23.7
-52.5°	25.9	25.7	25.4	25.1	24.8	24.5	24.1	23.9	23.7	23.5	23.4
-53.75°	25.0	24.8	24.5	24.2	24.0	23.8	23.7	23.5	23.3	23.1	23.0
-55°	24.1	23.9	23.8	23.7	23.5	23.4	23.2	23.1	22.9	22.7	22.6
-56.25°	23.6	23.5	23.4	23.2	23.1	23.0	22.8	22.7	22.5	22.3	22.2
-57.5°	23.1	23.0	22.9	22.8	22.7	22.5	22.4	22.2	22.1	21.8	21.3
-58.75°	22.7	22.6	22.5	22.3	22.2	22.1	21.9	21.5	21.0	20.6	20.1
-60°	22.2	22.1	22.0	21.7	21.3	21.0	20.6	20.2	19.8	19.4	19.0
-61.25°	21.2	21.0	20.7	20.3	20.0	19.7	19.3	19.0	18.7	18.4	18.1
-62.5°	19.9	19.6	19.3	19.0	18.8	18.6	18.3	18.1	17.9	17.6	17.3
-63.75°	18.6	18.5	18.3	18.1	17.9	17.7	17.5	17.3	17.0	16.7	16.3
-65°	17.7	17.6	17.4	17.2	17.0	16.7	16.4	16.1	15.8	15.4	15.1
-66.25°	16.7	16.5	16.2	16.0	15.7	15.4	15.1	14.8	14.5	14.2	13.8
-67.5°	15.3	15.1	14.8	14.6	14.4	14.1	13.8	13.5	13.2	12.9	12.6
-68.75°	13.9	13.7	13.5	13.2	13.0	12.8	12.5	12.2	12.0	11.7	11.4
-70°	12.5	12.3	12.1	11.9	11.7	11.4	11.2	11.0	10.8	10.6	10.4
-71.25°	11.1	10.9	10.8	10.7	10.5	10.4	10.3	10.1	9.9	9.8	9.6
-72.5°	10.1	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	9.0	9.0
-73.75°	9.2	9.1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-75°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-76.25°	9.0	9.0	9.0	9.0	9.0	8.8	8.7	8.6	8.5	8.4	8.3
-77.5°	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.6	7.5	7.4



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	7.5	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.9	6.8	6.8
-80°	6.8	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.4
-81.25°	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	5.9
-82.5°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2	5.1	5.1
-83.75°	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2
-85°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
-86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-87.5°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
86.25°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
85°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
83.75°	4.2	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5
82.5°	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
81.25°	5.8	5.7	5.6	5.5	5.5	5.4	5.3	5.2	5.0	4.9	4.8
80°	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.6	5.5
78.75°	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.3	6.2	6.2	6.1
77.5°	7.3	7.2	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4
76.25°	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1	7.0	6.9	6.8
75°	8.9	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.2
73.75°	9.0	9.0	9.0	9.0	9.0	8.9	8.7	8.5	8.3	8.1	7.9
72.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.6
71.25°	9.4	9.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
70°	10.2	10.0	9.8	9.6	9.4	9.2	9.0	9.0	9.0	9.0	9.0
68.75°	11.0	10.8	10.6	10.4	10.1	9.9	9.7	9.4	9.1	9.0	9.0
67.5°	12.3	11.9	11.6	11.2	10.9	10.6	10.4	10.1	9.8	9.6	9.3
66.25°	13.5	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.5	10.2	9.9
65°	14.7	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.9	10.6
63.75°	15.9	15.5	15.1	14.7	14.2	13.8	13.3	12.8	12.4	11.9	11.4
62.5°	17.1	16.7	16.2	15.8	15.3	14.9	14.4	13.9	13.4	12.9	12.3
61.25°	17.9	17.6	17.3	16.9	16.4	15.9	15.4	14.9	14.4	13.9	13.3
60°	18.7	18.3	18.0	17.7	17.4	17.0	16.5	16.0	15.4	14.8	14.3
58.75°	19.7	19.2	18.8	18.4	18.1	17.7	17.4	17.0	16.4	15.8	15.2
57.5°	20.8	20.3	19.8	19.3	18.8	18.4	18.1	17.7	17.3	16.8	16.2
56.25°	22.0	21.5	20.9	20.4	19.8	19.2	18.8	18.3	17.9	17.5	17.1
55°	22.4	22.2	22.0	21.5	20.9	20.3	19.7	19.0	18.6	18.1	17.7
53.75°	22.8	22.6	22.4	22.2	22.0	21.3	20.7	20.0	19.3	18.8	18.3
52.5°	23.2	23.0	22.8	22.6	22.3	22.1	21.7	21.0	20.3	19.6	18.9
51.25°	23.5	23.3	23.1	22.9	22.7	22.5	22.2	22.0	21.3	20.5	19.8
50°	23.9	23.7	23.5	23.3	23.0	22.8	22.6	22.3	22.1	21.4	20.7
48.75°	24.6	24.2	23.8	23.6	23.4	23.1	22.9	22.6	22.4	22.1	21.6
47.5°	25.3	24.9	24.4	24.0	23.7	23.5	23.2	22.9	22.7	22.4	22.1
46.25°	26.0	25.6	25.1	24.6	24.1	23.8	23.5	23.3	23.0	22.7	22.4
45°	26.4	26.2	25.8	25.3	24.8	24.2	23.8	23.6	23.3	23.0	22.7
43.75°	26.8	26.5	26.3	26.0	25.4	24.9	24.3	23.9	23.6	23.3	23.0
42.5°	27.1	26.9	26.6	26.3	26.0	25.5	24.9	24.3	23.9	23.6	23.3
41.25°	27.5	27.2	26.9	26.6	26.4	26.1	25.5	24.9	24.3	23.8	23.5
40°	27.8	27.5	27.3	27.0	26.7	26.4	26.1	25.5	24.9	24.2	23.8
38.75°	28.0	27.9	27.6	27.3	27.0	26.7	26.4	26.0	25.4	24.8	24.1
37.5°	28.0	28.0	27.9	27.6	27.3	27.0	26.6	26.3	26.0	25.3	24.6
36.25°	28.0	28.0	28.0	27.9	27.6	27.3	26.9	26.6	26.3	25.8	25.1
35°	27.8	28.0	28.0	28.0	27.9	27.5	27.2	26.9	26.5	26.2	25.6



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	27.5	27.8	28.0	28.0	28.0	27.8	27.5	27.1	26.8	26.4	26.0
32.5°	27.2	27.5	27.9	28.0	28.0	28.0	27.7	27.4	27.0	26.6	26.3
31.25°	27.0	27.2	27.6	27.9	28.0	28.0	28.0	27.6	27.3	26.9	26.5
30°	27.0	27.0	27.3	27.6	28.0	28.0	28.0	27.9	27.5	27.1	26.7
28.75°	27.0	27.0	27.0	27.4	27.7	28.0	28.0	28.0	27.7	27.3	26.9
27.5°	27.0	27.0	27.0	27.1	27.5	27.9	28.0	28.0	27.9	27.5	27.1
26.25°	27.3	27.0	27.0	27.0	27.2	27.6	28.0	28.0	28.0	27.7	27.3
25°	27.6	27.2	27.0	27.0	27.0	27.4	27.8	28.0	28.0	27.9	27.5
23.75°	27.8	27.4	27.0	27.0	27.0	27.2	27.6	28.0	28.0	28.0	27.7
22.5°	28.1	27.7	27.3	27.0	27.0	27.0	27.4	27.8	28.0	28.0	27.9
21.25°	28.3	27.9	27.5	27.1	27.0	27.0	27.2	27.6	28.0	28.0	28.0
20°	28.6	28.1	27.7	27.3	27.0	27.0	27.0	27.5	27.9	28.0	28.0
18.75°	28.8	28.3	27.9	27.5	27.0	27.0	27.0	27.3	27.7	28.0	28.0
17.5°	29.0	28.5	28.1	27.7	27.2	27.0	27.0	27.1	27.6	28.0	28.0
16.25°	29.6	28.7	28.3	27.8	27.4	27.0	27.0	27.0	27.4	27.9	28.0
15°	30.1	28.9	28.5	28.0	27.6	27.1	27.0	27.0	27.3	27.8	28.0
13.75°	30.6	29.3	28.6	28.2	27.7	27.2	27.0	27.0	27.2	27.6	28.0
12.5°	31.1	29.7	28.8	28.3	27.8	27.4	27.0	27.0	27.1	27.5	28.0
11.25°	31.6	30.1	28.9	28.4	28.0	27.5	27.0	27.0	27.0	27.4	27.9
10°	32.0	30.5	29.1	28.6	28.1	27.6	27.1	27.0	27.0	27.3	27.8
8.75°	32.3	30.9	29.4	28.7	28.2	27.7	27.2	27.0	27.0	27.3	27.8
7.5°	32.6	31.2	29.7	28.7	28.3	27.8	27.3	27.0	27.0	27.2	27.7
6.25°	32.9	31.4	29.9	28.8	28.3	27.8	27.3	27.0	27.0	27.1	27.6
5°	33.1	31.6	30.1	28.9	28.4	27.9	27.4	27.0	27.0	27.1	27.6
3.75°	33.3	31.8	30.3	28.9	28.4	27.9	27.4	27.0	27.0	27.0	27.5
2.5°	33.4	31.9	30.4	29.0	28.5	28.0	27.5	27.0	27.0	27.0	27.5
1.25°	33.5	32.0	30.5	29.0	28.5	28.0	27.5	27.0	27.0	27.0	27.5
0°	33.5	32.0	30.5	29.0	28.5	28.0	27.5	27.0	27.0	27.0	27.5
-1.25°	33.5	32.0	30.5	29.0	28.5	28.0	27.5	27.0	27.0	27.0	27.5
-2.5°	33.4	31.9	30.4	29.0	28.5	28.0	27.5	27.0	27.0	27.0	27.5
-3.75°	33.3	31.8	30.3	28.9	28.4	27.9	27.4	27.0	27.0	27.0	27.5
-5°	33.1	31.6	30.1	28.9	28.4	27.9	27.4	27.0	27.0	27.1	27.6
-6.25°	32.9	31.4	29.9	28.8	28.3	27.8	27.3	27.0	27.0	27.1	27.6
-7.5°	32.6	31.2	29.7	28.7	28.3	27.8	27.3	27.0	27.0	27.2	27.7
-8.75°	32.3	30.9	29.4	28.7	28.2	27.7	27.2	27.0	27.0	27.3	27.8
-10°	32.0	30.5	29.1	28.6	28.1	27.6	27.1	27.0	27.0	27.3	27.8
-11.25°	31.6	30.1	28.9	28.4	28.0	27.5	27.0	27.0	27.0	27.4	27.9
-12.5°	31.1	29.7	28.8	28.3	27.8	27.4	27.0	27.0	27.1	27.5	28.0
-13.75°	30.6	29.3	28.6	28.2	27.7	27.2	27.0	27.0	27.2	27.6	28.0
-15°	30.1	28.9	28.5	28.0	27.6	27.1	27.0	27.0	27.3	27.8	28.0
-16.25°	29.6	28.7	28.3	27.8	27.4	27.0	27.0	27.0	27.4	27.9	28.0
-17.5°	29.0	28.5	28.1	27.7	27.2	27.0	27.0	27.1	27.6	28.0	28.0
-18.75°	28.8	28.3	27.9	27.5	27.0	27.0	27.0	27.3	27.7	28.0	28.0
-20°	28.6	28.1	27.7	27.3	27.0	27.0	27.0	27.5	27.9	28.0	28.0
-21.25°	28.3	27.9	27.5	27.1	27.0	27.0	27.2	27.6	28.0	28.0	28.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	28.1	27.7	27.3	27.0	27.0	27.0	27.4	27.8	28.0	28.0	27.9
-23.75°	27.8	27.4	27.0	27.0	27.0	27.2	27.6	28.0	28.0	28.0	27.7
-25°	27.6	27.2	27.0	27.0	27.0	27.4	27.8	28.0	28.0	27.9	27.5
-26.25°	27.3	27.0	27.0	27.0	27.2	27.6	28.0	28.0	28.0	27.7	27.3
-27.5°	27.0	27.0	27.0	27.1	27.5	27.9	28.0	28.0	27.9	27.5	27.1
-28.75°	27.0	27.0	27.0	27.4	27.7	28.0	28.0	28.0	27.7	27.3	26.9
-30°	27.0	27.0	27.3	27.6	28.0	28.0	28.0	27.9	27.5	27.1	26.7
-31.25°	27.0	27.2	27.6	27.9	28.0	28.0	28.0	27.6	27.3	26.9	26.5
-32.5°	27.2	27.5	27.9	28.0	28.0	28.0	27.7	27.4	27.0	26.6	26.3
-33.75°	27.5	27.8	28.0	28.0	28.0	27.8	27.5	27.1	26.8	26.4	26.0
-35°	27.8	28.0	28.0	28.0	27.9	27.5	27.2	26.9	26.5	26.2	25.6
-36.25°	28.0	28.0	28.0	27.9	27.6	27.3	26.9	26.6	26.3	25.8	25.1
-37.5°	28.0	28.0	27.9	27.6	27.3	27.0	26.6	26.3	26.0	25.3	24.6
-38.75°	28.0	27.9	27.6	27.3	27.0	26.7	26.4	26.0	25.4	24.8	24.1
-40°	27.8	27.5	27.3	27.0	26.7	26.4	26.1	25.5	24.9	24.2	23.8
-41.25°	27.5	27.2	26.9	26.6	26.4	26.1	25.5	24.9	24.3	23.8	23.5
-42.5°	27.1	26.9	26.6	26.3	26.0	25.5	24.9	24.3	23.9	23.6	23.3
-43.75°	26.8	26.5	26.3	26.0	25.4	24.9	24.3	23.9	23.6	23.3	23.0
-45°	26.4	26.2	25.8	25.3	24.8	24.2	23.8	23.6	23.3	23.0	22.7
-46.25°	26.0	25.6	25.1	24.6	24.1	23.8	23.5	23.3	23.0	22.7	22.4
-47.5°	25.3	24.9	24.4	24.0	23.7	23.5	23.2	22.9	22.7	22.4	22.1
-48.75°	24.6	24.2	23.8	23.6	23.4	23.1	22.9	22.6	22.4	22.1	21.6
-50°	23.9	23.7	23.5	23.3	23.0	22.8	22.6	22.3	22.1	21.4	20.7
-51.25°	23.5	23.3	23.1	22.9	22.7	22.5	22.2	22.0	21.3	20.5	19.8
-52.5°	23.2	23.0	22.8	22.6	22.3	22.1	21.7	21.0	20.3	19.6	18.9
-53.75°	22.8	22.6	22.4	22.2	22.0	21.3	20.7	20.0	19.3	18.8	18.3
-55°	22.4	22.2	22.0	21.5	20.9	20.3	19.7	19.0	18.6	18.1	17.7
-56.25°	22.0	21.5	20.9	20.4	19.8	19.2	18.8	18.3	17.9	17.5	17.1
-57.5°	20.8	20.3	19.8	19.3	18.8	18.4	18.1	17.7	17.3	16.8	16.2
-58.75°	19.7	19.2	18.8	18.4	18.1	17.7	17.4	17.0	16.4	15.8	15.2
-60°	18.7	18.3	18.0	17.7	17.4	17.0	16.5	16.0	15.4	14.8	14.3
-61.25°	17.9	17.6	17.3	16.9	16.4	15.9	15.4	14.9	14.4	13.9	13.3
-62.5°	17.1	16.7	16.2	15.8	15.3	14.9	14.4	13.9	13.4	12.9	12.3
-63.75°	15.9	15.5	15.1	14.7	14.2	13.8	13.3	12.8	12.4	11.9	11.4
-65°	14.7	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.9	10.6
-66.25°	13.5	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.5	10.2	9.9
-67.5°	12.3	11.9	11.6	11.2	10.9	10.6	10.4	10.1	9.8	9.6	9.3
-68.75°	11.0	10.8	10.6	10.4	10.1	9.9	9.7	9.4	9.1	9.0	9.0
-70°	10.2	10.0	9.8	9.6	9.4	9.2	9.0	9.0	9.0	9.0	9.0
-71.25°	9.4	9.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-72.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.6
-73.75°	9.0	9.0	9.0	9.0	9.0	8.9	8.7	8.5	8.3	8.1	7.9
-75°	8.9	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.6	7.4	7.2
-76.25°	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.1	7.0	6.9	6.8
-77.5°	7.3	7.2	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.3	6.2	6.2	6.1
-80°	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.6	5.5
-81.25°	5.8	5.7	5.6	5.5	5.5	5.4	5.3	5.2	5.0	4.9	4.8
-82.5°	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-83.75°	4.2	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5
-85°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
-86.25°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-87.5°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
85°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
83.75°	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
82.5°	4.0	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
81.25°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5
80°	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0
78.75°	6.0	5.9	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.5
77.5°	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.5	5.3	5.2	5.0
76.25°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.5
75°	7.1	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9
73.75°	7.7	7.5	7.3	7.1	6.9	6.8	6.7	6.6	6.5	6.3	6.2
72.5°	8.4	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.7	6.6	6.5
71.25°	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.8	6.7
70°	9.0	9.0	9.0	8.9	8.6	8.3	8.1	7.8	7.5	7.2	6.9
68.75°	9.0	9.0	9.0	9.0	9.0	8.9	8.6	8.3	8.0	7.7	7.4
67.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.5	8.2	7.8
66.25°	9.6	9.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6	8.3
65°	10.3	9.9	9.6	9.3	9.0	9.0	9.0	9.0	9.0	9.0	8.8
63.75°	10.9	10.6	10.2	9.9	9.5	9.1	9.0	9.0	9.0	9.0	9.0
62.5°	11.8	11.3	10.8	10.4	10.1	9.7	9.3	9.0	9.0	9.0	9.0
61.25°	12.8	12.2	11.6	11.0	10.6	10.2	9.8	9.4	9.0	9.0	9.0
60°	13.7	13.1	12.5	11.9	11.3	10.8	10.3	9.9	9.5	9.0	9.0
58.75°	14.6	14.0	13.4	12.7	12.1	11.4	10.8	10.4	9.9	9.5	9.0
57.5°	15.5	14.9	14.2	13.6	12.9	12.2	11.5	10.9	10.4	9.9	9.5
56.25°	16.5	15.8	15.1	14.4	13.7	13.0	12.3	11.6	10.9	10.4	9.9
55°	17.2	16.7	16.0	15.2	14.5	13.8	13.0	12.3	11.5	10.8	10.3
53.75°	17.8	17.4	16.8	16.1	15.3	14.6	13.8	13.0	12.2	11.4	10.8
52.5°	18.4	17.9	17.4	16.9	16.1	15.3	14.5	13.7	12.9	12.1	11.3
51.25°	19.0	18.5	18.0	17.5	16.9	16.1	15.2	14.4	13.6	12.7	11.9
50°	19.9	19.1	18.5	18.0	17.4	16.8	16.0	15.1	14.2	13.4	12.5
48.75°	20.7	19.9	19.1	18.5	17.9	17.4	16.7	15.8	14.9	14.0	13.1
47.5°	21.6	20.7	19.9	19.0	18.4	17.8	17.2	16.5	15.5	14.6	13.7
46.25°	22.1	21.6	20.7	19.8	18.9	18.3	17.7	17.1	16.2	15.2	14.3
45°	22.4	22.1	21.4	20.5	19.6	18.8	18.1	17.5	16.8	15.8	14.8
43.75°	22.7	22.4	22.1	21.3	20.3	19.3	18.6	17.9	17.3	16.4	15.4
42.5°	22.9	22.6	22.3	22.0	21.0	20.0	19.0	18.3	17.7	17.0	16.0
41.25°	23.2	22.9	22.6	22.2	21.7	20.7	19.7	18.8	18.1	17.4	16.5
40°	23.5	23.1	22.8	22.5	22.1	21.3	20.3	19.2	18.4	17.7	17.0
38.75°	23.7	23.4	23.0	22.7	22.3	22.0	20.9	19.8	18.8	18.1	17.4
37.5°	24.0	23.6	23.3	22.9	22.6	22.2	21.5	20.4	19.3	18.4	17.7
36.25°	24.4	23.8	23.5	23.1	22.8	22.4	22.0	20.9	19.8	18.8	18.0
35°	24.9	24.2	23.7	23.3	23.0	22.6	22.2	21.5	20.3	19.2	18.3



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	25.3	24.6	23.9	23.5	23.2	22.8	22.4	22.0	20.8	19.7	18.7
32.5°	25.8	25.0	24.3	23.7	23.4	23.0	22.6	22.2	21.3	20.1	19.0
31.25°	26.1	25.4	24.7	23.9	23.5	23.1	22.7	22.3	21.8	20.6	19.4
30°	26.3	25.9	25.1	24.3	23.7	23.3	22.9	22.5	22.1	21.0	19.8
28.75°	26.5	26.1	25.4	24.6	23.9	23.5	23.1	22.7	22.2	21.5	20.2
27.5°	26.7	26.3	25.8	25.0	24.1	23.7	23.2	22.8	22.4	21.9	20.6
26.25°	26.9	26.5	26.1	25.3	24.5	23.8	23.4	23.0	22.5	22.1	21.0
25°	27.1	26.7	26.3	25.6	24.8	24.0	23.5	23.1	22.7	22.2	21.3
23.75°	27.3	26.8	26.4	26.0	25.1	24.2	23.7	23.2	22.8	22.3	21.7
22.5°	27.4	27.0	26.6	26.1	25.4	24.5	23.8	23.4	22.9	22.5	22.0
21.25°	27.6	27.2	26.7	26.3	25.7	24.8	23.9	23.5	23.0	22.6	22.1
20°	27.8	27.3	26.9	26.4	25.9	25.0	24.1	23.6	23.1	22.7	22.2
18.75°	27.9	27.5	27.0	26.5	26.1	25.2	24.3	23.7	23.2	22.8	22.3
17.5°	28.0	27.6	27.1	26.7	26.2	25.5	24.5	23.8	23.3	22.9	22.4
16.25°	28.0	27.7	27.2	26.8	26.3	25.7	24.7	23.9	23.4	22.9	22.5
15°	28.0	27.8	27.4	26.9	26.4	25.9	24.9	24.0	23.5	23.0	22.6
13.75°	28.0	27.9	27.5	27.0	26.5	26.0	25.1	24.1	23.6	23.1	22.6
12.5°	28.0	28.0	27.5	27.1	26.6	26.1	25.2	24.3	23.7	23.2	22.7
11.25°	28.0	28.0	27.6	27.1	26.7	26.2	25.4	24.4	23.7	23.2	22.7
10°	28.0	28.0	27.7	27.2	26.7	26.2	25.5	24.5	23.8	23.3	22.8
8.75°	28.0	28.0	27.8	27.3	26.8	26.3	25.6	24.6	23.8	23.3	22.8
7.5°	28.0	28.0	27.8	27.3	26.8	26.4	25.7	24.7	23.9	23.4	22.9
6.25°	28.0	28.0	27.9	27.4	26.9	26.4	25.8	24.8	23.9	23.4	22.9
5°	28.0	28.0	27.9	27.4	26.9	26.4	25.9	24.9	23.9	23.4	22.9
3.75°	28.0	28.0	28.0	27.5	27.0	26.5	25.9	24.9	24.0	23.5	23.0
2.5°	28.0	28.0	28.0	27.5	27.0	26.5	26.0	25.0	24.0	23.5	23.0
1.25°	28.0	28.0	28.0	27.5	27.0	26.5	26.0	25.0	24.0	23.5	23.0
0°	28.0	28.0	28.0	27.5	27.0	26.5	26.0	25.0	24.0	23.5	23.0
-1.25°	28.0	28.0	28.0	27.5	27.0	26.5	26.0	25.0	24.0	23.5	23.0
-2.5°	28.0	28.0	28.0	27.5	27.0	26.5	26.0	25.0	24.0	23.5	23.0
-3.75°	28.0	28.0	28.0	27.5	27.0	26.5	25.9	24.9	24.0	23.5	23.0
-5°	28.0	28.0	27.9	27.4	26.9	26.4	25.9	24.9	23.9	23.4	22.9
-6.25°	28.0	28.0	27.9	27.4	26.9	26.4	25.8	24.8	23.9	23.4	22.9
-7.5°	28.0	28.0	27.8	27.3	26.8	26.4	25.7	24.7	23.9	23.4	22.9
-8.75°	28.0	28.0	27.8	27.3	26.8	26.3	25.6	24.6	23.8	23.3	22.8
-10°	28.0	28.0	27.7	27.2	26.7	26.2	25.5	24.5	23.8	23.3	22.8
-11.25°	28.0	28.0	27.6	27.1	26.7	26.2	25.4	24.4	23.7	23.2	22.7
-12.5°	28.0	28.0	27.5	27.1	26.6	26.1	25.2	24.3	23.7	23.2	22.7
-13.75°	28.0	27.9	27.5	27.0	26.5	26.0	25.1	24.1	23.6	23.1	22.6
-15°	28.0	27.8	27.4	26.9	26.4	25.9	24.9	24.0	23.5	23.0	22.6
-16.25°	28.0	27.7	27.2	26.8	26.3	25.7	24.7	23.9	23.4	22.9	22.5
-17.5°	28.0	27.6	27.1	26.7	26.2	25.5	24.5	23.8	23.3	22.9	22.4
-18.75°	27.9	27.5	27.0	26.5	26.1	25.2	24.3	23.7	23.2	22.8	22.3
-20°	27.8	27.3	26.9	26.4	25.9	25.0	24.1	23.6	23.1	22.7	22.2
-21.25°	27.6	27.2	26.7	26.3	25.7	24.8	23.9	23.5	23.0	22.6	22.1



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCE-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	27.4	27.0	26.6	26.1	25.4	24.5	23.8	23.4	22.9	22.5	22.0
-23.75°	27.3	26.8	26.4	26.0	25.1	24.2	23.7	23.2	22.8	22.3	21.7
-25°	27.1	26.7	26.3	25.6	24.8	24.0	23.5	23.1	22.7	22.2	21.3
-26.25°	26.9	26.5	26.1	25.3	24.5	23.8	23.4	23.0	22.5	22.1	21.0
-27.5°	26.7	26.3	25.8	25.0	24.1	23.7	23.2	22.8	22.4	21.9	20.6
-28.75°	26.5	26.1	25.4	24.6	23.9	23.5	23.1	22.7	22.2	21.5	20.2
-30°	26.3	25.9	25.1	24.3	23.7	23.3	22.9	22.5	22.1	21.0	19.8
-31.25°	26.1	25.4	24.7	23.9	23.5	23.1	22.7	22.3	21.8	20.6	19.4
-32.5°	25.8	25.0	24.3	23.7	23.4	23.0	22.6	22.2	21.3	20.1	19.0
-33.75°	25.3	24.6	23.9	23.5	23.2	22.8	22.4	22.0	20.8	19.7	18.7
-35°	24.9	24.2	23.7	23.3	23.0	22.6	22.2	21.5	20.3	19.2	18.3
-36.25°	24.4	23.8	23.5	23.1	22.8	22.4	22.0	20.9	19.8	18.8	18.0
-37.5°	24.0	23.6	23.3	22.9	22.6	22.2	21.5	20.4	19.3	18.4	17.7
-38.75°	23.7	23.4	23.0	22.7	22.3	22.0	20.9	19.8	18.8	18.1	17.4
-40°	23.5	23.1	22.8	22.5	22.1	21.3	20.3	19.2	18.4	17.7	17.0
-41.25°	23.2	22.9	22.6	22.2	21.7	20.7	19.7	18.8	18.1	17.4	16.5
-42.5°	22.9	22.6	22.3	22.0	21.0	20.0	19.0	18.3	17.7	17.0	16.0
-43.75°	22.7	22.4	22.1	21.3	20.3	19.3	18.6	17.9	17.3	16.4	15.4
-45°	22.4	22.1	21.4	20.5	19.6	18.8	18.1	17.5	16.8	15.8	14.8
-46.25°	22.1	21.6	20.7	19.8	18.9	18.3	17.7	17.1	16.2	15.2	14.3
-47.5°	21.6	20.7	19.9	19.0	18.4	17.8	17.2	16.5	15.5	14.6	13.7
-48.75°	20.7	19.9	19.1	18.5	17.9	17.4	16.7	15.8	14.9	14.0	13.1
-50°	19.9	19.1	18.5	18.0	17.4	16.8	16.0	15.1	14.2	13.4	12.5
-51.25°	19.0	18.5	18.0	17.5	16.9	16.1	15.2	14.4	13.6	12.7	11.9
-52.5°	18.4	17.9	17.4	16.9	16.1	15.3	14.5	13.7	12.9	12.1	11.3
-53.75°	17.8	17.4	16.8	16.1	15.3	14.6	13.8	13.0	12.2	11.4	10.8
-55°	17.2	16.7	16.0	15.2	14.5	13.8	13.0	12.3	11.5	10.8	10.3
-56.25°	16.5	15.8	15.1	14.4	13.7	13.0	12.3	11.6	10.9	10.4	9.9
-57.5°	15.5	14.9	14.2	13.6	12.9	12.2	11.5	10.9	10.4	9.9	9.5
-58.75°	14.6	14.0	13.4	12.7	12.1	11.4	10.8	10.4	9.9	9.5	9.0
-60°	13.7	13.1	12.5	11.9	11.3	10.8	10.3	9.9	9.5	9.0	9.0
-61.25°	12.8	12.2	11.6	11.0	10.6	10.2	9.8	9.4	9.0	9.0	9.0
-62.5°	11.8	11.3	10.8	10.4	10.1	9.7	9.3	9.0	9.0	9.0	9.0
-63.75°	10.9	10.6	10.2	9.9	9.5	9.1	9.0	9.0	9.0	9.0	9.0
-65°	10.3	9.9	9.6	9.3	9.0	9.0	9.0	9.0	9.0	9.0	8.8
-66.25°	9.6	9.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.6	8.3
-67.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.8	8.5	8.2	7.8
-68.75°	9.0	9.0	9.0	9.0	9.0	8.9	8.6	8.3	8.0	7.7	7.4
-70°	9.0	9.0	9.0	8.9	8.6	8.3	8.1	7.8	7.5	7.2	6.9
-71.25°	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.8	6.7
-72.5°	8.4	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.7	6.6	6.5
-73.75°	7.7	7.5	7.3	7.1	6.9	6.8	6.7	6.6	6.5	6.3	6.2
-75°	7.1	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9
-76.25°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.5
-77.5°	6.4	6.3	6.2	6.1	6.0	5.9	5.7	5.5	5.3	5.2	5.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	6.0	5.9	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.5
-80°	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0
-81.25°	4.7	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5
-82.5°	4.0	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-83.75°	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5
-85°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-86.25°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-87.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-88.75°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCE-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
83.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
82.5°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
81.25°	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1	2.0
80°	3.8	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.6	2.4	2.2
78.75°	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
77.5°	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8
76.25°	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.1
75°	5.7	5.5	5.3	5.0	4.8	4.5	4.3	4.1	3.8	3.6	3.3
73.75°	6.1	5.9	5.7	5.4	5.2	4.9	4.7	4.4	4.1	3.9	3.6
72.5°	6.3	6.2	6.1	5.8	5.6	5.3	5.0	4.7	4.4	4.2	3.9
71.25°	6.6	6.4	6.3	6.1	6.0	5.7	5.4	5.0	4.7	4.4	4.1
70°	6.8	6.6	6.5	6.3	6.2	6.0	5.7	5.4	5.0	4.7	4.4
68.75°	7.0	6.9	6.7	6.5	6.4	6.2	6.0	5.7	5.4	5.0	4.7
67.5°	7.5	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.7	5.3	4.9
66.25°	7.9	7.6	7.2	6.9	6.7	6.5	6.4	6.2	6.0	5.6	5.2
65°	8.4	8.0	7.6	7.2	6.9	6.7	6.5	6.3	6.1	5.8	5.4
63.75°	8.8	8.4	8.0	7.6	7.2	6.9	6.7	6.5	6.3	6.1	5.7
62.5°	9.0	8.8	8.4	8.0	7.6	7.1	6.9	6.6	6.4	6.2	5.9
61.25°	9.0	9.0	8.8	8.4	7.9	7.5	7.0	6.8	6.6	6.3	6.1
60°	9.0	9.0	9.0	8.8	8.3	7.8	7.4	6.9	6.7	6.5	6.2
58.75°	9.0	9.0	9.0	9.0	8.6	8.2	7.7	7.2	6.8	6.6	6.3
57.5°	9.0	9.0	9.0	9.0	9.0	8.5	8.0	7.5	7.0	6.7	6.5
56.25°	9.4	9.0	9.0	9.0	9.0	8.8	8.3	7.8	7.2	6.8	6.6
55°	9.8	9.3	9.0	9.0	9.0	9.0	8.6	8.1	7.5	7.0	6.7
53.75°	10.2	9.7	9.1	9.0	9.0	9.0	8.9	8.3	7.8	7.2	6.8
52.5°	10.6	10.1	9.5	9.0	9.0	9.0	9.0	8.6	8.0	7.4	6.9
51.25°	11.0	10.4	9.9	9.3	9.0	9.0	9.0	8.9	8.3	7.7	7.1
50°	11.6	10.8	10.2	9.6	9.0	9.0	9.0	9.0	8.5	7.9	7.3
48.75°	12.2	11.3	10.6	9.9	9.3	9.0	9.0	9.0	8.8	8.1	7.5
47.5°	12.8	11.8	10.9	10.3	9.6	9.0	9.0	9.0	9.0	8.4	7.7
46.25°	13.3	12.3	11.4	10.6	9.9	9.3	9.0	9.0	9.0	8.6	7.9
45°	13.9	12.9	11.9	10.9	10.2	9.6	9.0	9.0	9.0	8.8	8.1
43.75°	14.4	13.4	12.4	11.3	10.5	9.8	9.1	9.0	9.0	9.0	8.3
42.5°	14.9	13.9	12.8	11.8	10.8	10.1	9.4	9.0	9.0	9.0	8.5
41.25°	15.4	14.4	13.3	12.2	11.2	10.4	9.7	9.0	9.0	9.0	8.7
40°	15.9	14.9	13.8	12.7	11.6	10.6	9.9	9.2	9.0	9.0	8.9
38.75°	16.4	15.3	14.2	13.1	12.0	10.9	10.1	9.4	9.0	9.0	9.0
37.5°	16.9	15.8	14.7	13.5	12.4	11.2	10.4	9.6	9.0	9.0	9.0
36.25°	17.3	16.2	15.1	13.9	12.7	11.6	10.6	9.8	9.0	9.0	9.0
35°	17.6	16.7	15.5	14.3	13.1	11.9	10.8	10.0	9.2	9.0	9.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	17.9	17.1	15.9	14.7	13.5	12.3	11.0	10.2	9.4	9.0	9.0
32.5°	18.1	17.3	16.3	15.1	13.8	12.6	11.4	10.4	9.6	9.0	9.0
31.25°	18.4	17.6	16.7	15.4	14.2	12.9	11.7	10.6	9.8	9.0	9.0
30°	18.7	17.9	17.0	15.8	14.5	13.2	12.0	10.8	9.9	9.1	9.0
28.75°	19.0	18.1	17.3	16.1	14.8	13.5	12.2	11.0	10.1	9.2	9.0
27.5°	19.3	18.3	17.5	16.4	15.1	13.8	12.5	11.2	10.3	9.4	9.0
26.25°	19.7	18.6	17.7	16.7	15.4	14.1	12.8	11.4	10.4	9.5	9.0
25°	20.0	18.8	17.9	17.0	15.7	14.4	13.0	11.7	10.5	9.7	9.0
23.75°	20.3	19.0	18.1	17.2	16.0	14.6	13.2	11.9	10.7	9.8	9.0
22.5°	20.7	19.3	18.3	17.4	16.2	14.8	13.5	12.1	10.8	9.9	9.0
21.25°	21.0	19.6	18.5	17.6	16.5	15.1	13.7	12.3	10.9	10.0	9.1
20°	21.2	19.9	18.6	17.7	16.7	15.3	13.9	12.5	11.1	10.1	9.2
18.75°	21.5	20.1	18.8	17.9	16.9	15.5	14.1	12.7	11.3	10.2	9.3
17.5°	21.8	20.4	19.0	18.0	17.1	15.7	14.3	12.8	11.4	10.3	9.4
16.25°	22.0	20.6	19.2	18.1	17.2	15.9	14.4	13.0	11.6	10.4	9.5
15°	22.1	20.8	19.3	18.3	17.3	16.0	14.6	13.1	11.7	10.5	9.5
13.75°	22.1	21.0	19.5	18.4	17.4	16.2	14.7	13.3	11.8	10.6	9.6
12.5°	22.2	21.2	19.7	18.5	17.5	16.3	14.9	13.4	11.9	10.7	9.7
11.25°	22.3	21.3	19.9	18.6	17.6	16.5	15.0	13.5	12.1	10.7	9.7
10°	22.3	21.5	20.0	18.7	17.7	16.6	15.1	13.6	12.1	10.8	9.8
8.75°	22.4	21.6	20.1	18.8	17.8	16.7	15.2	13.7	12.2	10.8	9.8
7.5°	22.4	21.7	20.2	18.8	17.8	16.8	15.3	13.8	12.3	10.9	9.9
6.25°	22.4	21.8	20.3	18.9	17.9	16.8	15.3	13.9	12.4	10.9	9.9
5°	22.5	21.9	20.4	18.9	17.9	16.9	15.4	13.9	12.4	10.9	9.9
3.75°	22.5	21.9	20.4	19.0	18.0	16.9	15.4	13.9	12.5	11.0	10.0
2.5°	22.5	22.0	20.5	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0
1.25°	22.5	22.0	20.5	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0
0°	22.5	22.0	20.5	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0
-1.25°	22.5	22.0	20.5	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0
-2.5°	22.5	22.0	20.5	19.0	18.0	17.0	15.5	14.0	12.5	11.0	10.0
-3.75°	22.5	21.9	20.4	19.0	18.0	16.9	15.4	13.9	12.5	11.0	10.0
-5°	22.5	21.9	20.4	18.9	17.9	16.9	15.4	13.9	12.4	10.9	9.9
-6.25°	22.4	21.8	20.3	18.9	17.9	16.8	15.3	13.9	12.4	10.9	9.9
-7.5°	22.4	21.7	20.2	18.8	17.8	16.8	15.3	13.8	12.3	10.9	9.9
-8.75°	22.4	21.6	20.1	18.8	17.8	16.7	15.2	13.7	12.2	10.8	9.8
-10°	22.3	21.5	20.0	18.7	17.7	16.6	15.1	13.6	12.1	10.8	9.8
-11.25°	22.3	21.3	19.9	18.6	17.6	16.5	15.0	13.5	12.1	10.7	9.7
-12.5°	22.2	21.2	19.7	18.5	17.5	16.3	14.9	13.4	11.9	10.7	9.7
-13.75°	22.1	21.0	19.5	18.4	17.4	16.2	14.7	13.3	11.8	10.6	9.6
-15°	22.1	20.8	19.3	18.3	17.3	16.0	14.6	13.1	11.7	10.5	9.5
-16.25°	22.0	20.6	19.2	18.1	17.2	15.9	14.4	13.0	11.6	10.4	9.5
-17.5°	21.8	20.4	19.0	18.0	17.1	15.7	14.3	12.8	11.4	10.3	9.4
-18.75°	21.5	20.1	18.8	17.9	16.9	15.5	14.1	12.7	11.3	10.2	9.3
-20°	21.2	19.9	18.6	17.7	16.7	15.3	13.9	12.5	11.1	10.1	9.2
-21.25°	21.0	19.6	18.5	17.6	16.5	15.1	13.7	12.3	10.9	10.0	9.1



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	20.7	19.3	18.3	17.4	16.2	14.8	13.5	12.1	10.8	9.9	9.0
-23.75°	20.3	19.0	18.1	17.2	16.0	14.6	13.2	11.9	10.7	9.8	9.0
-25°	20.0	18.8	17.9	17.0	15.7	14.4	13.0	11.7	10.5	9.7	9.0
-26.25°	19.7	18.6	17.7	16.7	15.4	14.1	12.8	11.4	10.4	9.5	9.0
-27.5°	19.3	18.3	17.5	16.4	15.1	13.8	12.5	11.2	10.3	9.4	9.0
-28.75°	19.0	18.1	17.3	16.1	14.8	13.5	12.2	11.0	10.1	9.2	9.0
-30°	18.7	17.9	17.0	15.8	14.5	13.2	12.0	10.8	9.9	9.1	9.0
-31.25°	18.4	17.6	16.7	15.4	14.2	12.9	11.7	10.6	9.8	9.0	9.0
-32.5°	18.1	17.3	16.3	15.1	13.8	12.6	11.4	10.4	9.6	9.0	9.0
-33.75°	17.9	17.1	15.9	14.7	13.5	12.3	11.0	10.2	9.4	9.0	9.0
-35°	17.6	16.7	15.5	14.3	13.1	11.9	10.8	10.0	9.2	9.0	9.0
-36.25°	17.3	16.2	15.1	13.9	12.7	11.6	10.6	9.8	9.0	9.0	9.0
-37.5°	16.9	15.8	14.7	13.5	12.4	11.2	10.4	9.6	9.0	9.0	9.0
-38.75°	16.4	15.3	14.2	13.1	12.0	10.9	10.1	9.4	9.0	9.0	9.0
-40°	15.9	14.9	13.8	12.7	11.6	10.6	9.9	9.2	9.0	9.0	8.9
-41.25°	15.4	14.4	13.3	12.2	11.2	10.4	9.7	9.0	9.0	9.0	8.7
-42.5°	14.9	13.9	12.8	11.8	10.8	10.1	9.4	9.0	9.0	9.0	8.5
-43.75°	14.4	13.4	12.4	11.3	10.5	9.8	9.1	9.0	9.0	9.0	8.3
-45°	13.9	12.9	11.9	10.9	10.2	9.6	9.0	9.0	9.0	8.8	8.1
-46.25°	13.3	12.3	11.4	10.6	9.9	9.3	9.0	9.0	9.0	8.6	7.9
-47.5°	12.8	11.8	10.9	10.3	9.6	9.0	9.0	9.0	9.0	8.4	7.7
-48.75°	12.2	11.3	10.6	9.9	9.3	9.0	9.0	9.0	8.8	8.1	7.5
-50°	11.6	10.8	10.2	9.6	9.0	9.0	9.0	9.0	8.5	7.9	7.3
-51.25°	11.0	10.4	9.9	9.3	9.0	9.0	9.0	8.9	8.3	7.7	7.1
-52.5°	10.6	10.1	9.5	9.0	9.0	9.0	9.0	8.6	8.0	7.4	6.9
-53.75°	10.2	9.7	9.1	9.0	9.0	9.0	8.9	8.3	7.8	7.2	6.8
-55°	9.8	9.3	9.0	9.0	9.0	9.0	8.6	8.1	7.5	7.0	6.7
-56.25°	9.4	9.0	9.0	9.0	9.0	8.8	8.3	7.8	7.2	6.8	6.6
-57.5°	9.0	9.0	9.0	9.0	9.0	8.5	8.0	7.5	7.0	6.7	6.5
-58.75°	9.0	9.0	9.0	9.0	8.6	8.2	7.7	7.2	6.8	6.6	6.3
-60°	9.0	9.0	9.0	8.8	8.3	7.8	7.4	6.9	6.7	6.5	6.2
-61.25°	9.0	9.0	8.8	8.4	7.9	7.5	7.0	6.8	6.6	6.3	6.1
-62.5°	9.0	8.8	8.4	8.0	7.6	7.1	6.9	6.6	6.4	6.2	5.9
-63.75°	8.8	8.4	8.0	7.6	7.2	6.9	6.7	6.5	6.3	6.1	5.7
-65°	8.4	8.0	7.6	7.2	6.9	6.7	6.5	6.3	6.1	5.8	5.4
-66.25°	7.9	7.6	7.2	6.9	6.7	6.5	6.4	6.2	6.0	5.6	5.2
-67.5°	7.5	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.7	5.3	4.9
-68.75°	7.0	6.9	6.7	6.5	6.4	6.2	6.0	5.7	5.4	5.0	4.7
-70°	6.8	6.6	6.5	6.3	6.2	6.0	5.7	5.4	5.0	4.7	4.4
-71.25°	6.6	6.4	6.3	6.1	6.0	5.7	5.4	5.0	4.7	4.4	4.1
-72.5°	6.3	6.2	6.1	5.8	5.6	5.3	5.0	4.7	4.4	4.2	3.9
-73.75°	6.1	5.9	5.7	5.4	5.2	4.9	4.7	4.4	4.1	3.9	3.6
-75°	5.7	5.5	5.3	5.0	4.8	4.5	4.3	4.1	3.8	3.6	3.3
-76.25°	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.1
-77.5°	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
-80°	3.8	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.6	2.4	2.2
-81.25°	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1	2.0
-82.5°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-83.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-85°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-86.25°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-87.5°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	8.9	8.1	7.3	6.7	6.3	5.8	5.0	4.2	3.3	2.5	1.7
32.5°	9.0	8.3	7.4	6.8	6.4	5.9	5.1	4.2	3.4	2.5	1.7
31.25°	9.0	8.4	7.5	6.8	6.4	6.0	5.1	4.3	3.4	2.6	1.7
30°	9.0	8.5	7.6	6.9	6.5	6.0	5.2	4.3	3.5	2.6	1.7
28.75°	9.0	8.6	7.8	6.9	6.5	6.1	5.3	4.4	3.5	2.6	1.8
27.5°	9.0	8.7	7.9	7.0	6.5	6.1	5.3	4.4	3.5	2.7	1.8
26.25°	9.0	8.8	8.0	7.1	6.6	6.1	5.4	4.5	3.6	2.7	1.8
25°	9.0	9.0	8.1	7.1	6.6	6.2	5.4	4.5	3.6	2.7	1.8
23.75°	9.0	9.0	8.1	7.2	6.7	6.2	5.5	4.6	3.7	2.7	1.8
22.5°	9.0	9.0	8.2	7.3	6.7	6.2	5.5	4.6	3.7	2.8	1.8
21.25°	9.0	9.0	8.3	7.4	6.7	6.3	5.6	4.7	3.7	2.8	1.9
20°	9.0	9.0	8.4	7.5	6.8	6.3	5.6	4.7	3.8	2.8	1.9
18.75°	9.0	9.0	8.5	7.5	6.8	6.3	5.7	4.7	3.8	2.8	1.9
17.5°	9.0	9.0	8.5	7.6	6.8	6.3	5.7	4.8	3.8	2.9	1.9
16.25°	9.0	9.0	8.6	7.6	6.8	6.4	5.8	4.8	3.8	2.9	1.9
15°	9.0	9.0	8.7	7.7	6.9	6.4	5.8	4.8	3.9	2.9	1.9
13.75°	9.0	9.0	8.7	7.7	6.9	6.4	5.8	4.9	3.9	2.9	1.9
12.5°	9.0	9.0	8.8	7.8	6.9	6.4	5.9	4.9	3.9	2.9	2.0
11.25°	9.0	9.0	8.8	7.8	6.9	6.4	5.9	4.9	3.9	2.9	2.0
10°	9.0	9.0	8.8	7.9	6.9	6.4	5.9	4.9	3.9	3.0	2.0
8.75°	9.0	9.0	8.9	7.9	7.0	6.5	5.9	4.9	4.0	3.0	2.0
7.5°	9.0	9.0	8.9	7.9	7.0	6.5	5.9	5.0	4.0	3.0	2.0
6.25°	9.0	9.0	8.9	7.9	7.0	6.5	6.0	5.0	4.0	3.0	2.0
5°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
3.75°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
2.5°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
1.25°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
0°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
-1.25°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
-2.5°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
-3.75°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
-5°	9.0	9.0	9.0	8.0	7.0	6.5	6.0	5.0	4.0	3.0	2.0
-6.25°	9.0	9.0	8.9	7.9	7.0	6.5	6.0	5.0	4.0	3.0	2.0
-7.5°	9.0	9.0	8.9	7.9	7.0	6.5	5.9	5.0	4.0	3.0	2.0
-8.75°	9.0	9.0	8.9	7.9	7.0	6.5	5.9	4.9	4.0	3.0	2.0
-10°	9.0	9.0	8.8	7.9	6.9	6.4	5.9	4.9	3.9	3.0	2.0
-11.25°	9.0	9.0	8.8	7.8	6.9	6.4	5.9	4.9	3.9	2.9	2.0
-12.5°	9.0	9.0	8.8	7.8	6.9	6.4	5.9	4.9	3.9	2.9	2.0
-13.75°	9.0	9.0	8.7	7.7	6.9	6.4	5.8	4.9	3.9	2.9	1.9
-15°	9.0	9.0	8.7	7.7	6.9	6.4	5.8	4.8	3.9	2.9	1.9
-16.25°	9.0	9.0	8.6	7.6	6.8	6.4	5.8	4.8	3.8	2.9	1.9
-17.5°	9.0	9.0	8.5	7.6	6.8	6.3	5.7	4.8	3.8	2.9	1.9
-18.75°	9.0	9.0	8.5	7.5	6.8	6.3	5.7	4.7	3.8	2.8	1.9
-20°	9.0	9.0	8.4	7.5	6.8	6.3	5.6	4.7	3.8	2.8	1.9
-21.25°	9.0	9.0	8.3	7.4	6.7	6.3	5.6	4.7	3.7	2.8	1.9



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-80°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-81.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-82.5°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-83.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3	0.2
-85°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-86.25°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-88.75°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.1	0.0
85°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.2	0.0
75°	0.3	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.3	0.0
70°	0.3	0.0
68.75°	0.4	0.0
67.5°	0.4	0.0
66.25°	0.4	0.0
65°	0.4	0.0
63.75°	0.4	0.0
62.5°	0.5	0.0
61.25°	0.5	0.0
60°	0.5	0.0
58.75°	0.5	0.0
57.5°	0.5	0.0
56.25°	0.6	0.0
55°	0.6	0.0
53.75°	0.6	0.0
52.5°	0.6	0.0
51.25°	0.6	0.0
50°	0.6	0.0
48.75°	0.7	0.0
47.5°	0.7	0.0
46.25°	0.7	0.0
45°	0.7	0.0
43.75°	0.7	0.0
42.5°	0.7	0.0
41.25°	0.8	0.0
40°	0.8	0.0
38.75°	0.8	0.0
37.5°	0.8	0.0
36.25°	0.8	0.0
35°	0.8	0.0



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221150 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)