

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: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

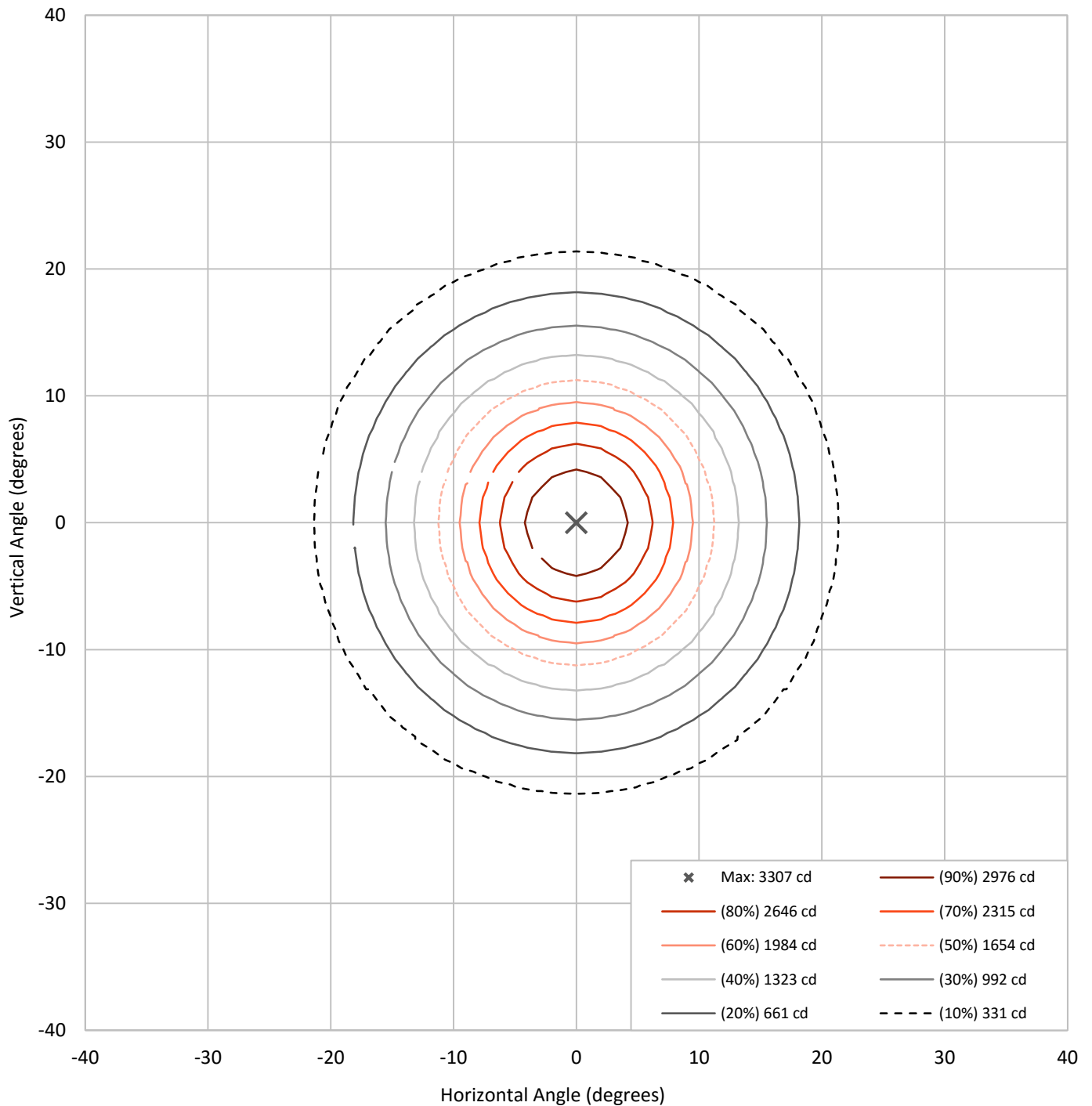
Test Method: LM-79-08
Report Number: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29550)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT OPTIC, WHITE HOUSING.
Light Source: (1) COLOR CHANGING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	672.7 lumens	Max Intensity:	3307 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	27.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	22.4°H x 22.4°V	Field Angle (10%):	42.6°H x 42.6°V
Beam Lumens:	285.1 lumens	Field Lumens:	548.4 lumens
Beam Efficiency:	42.4%	Field Efficiency:	81.5%
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





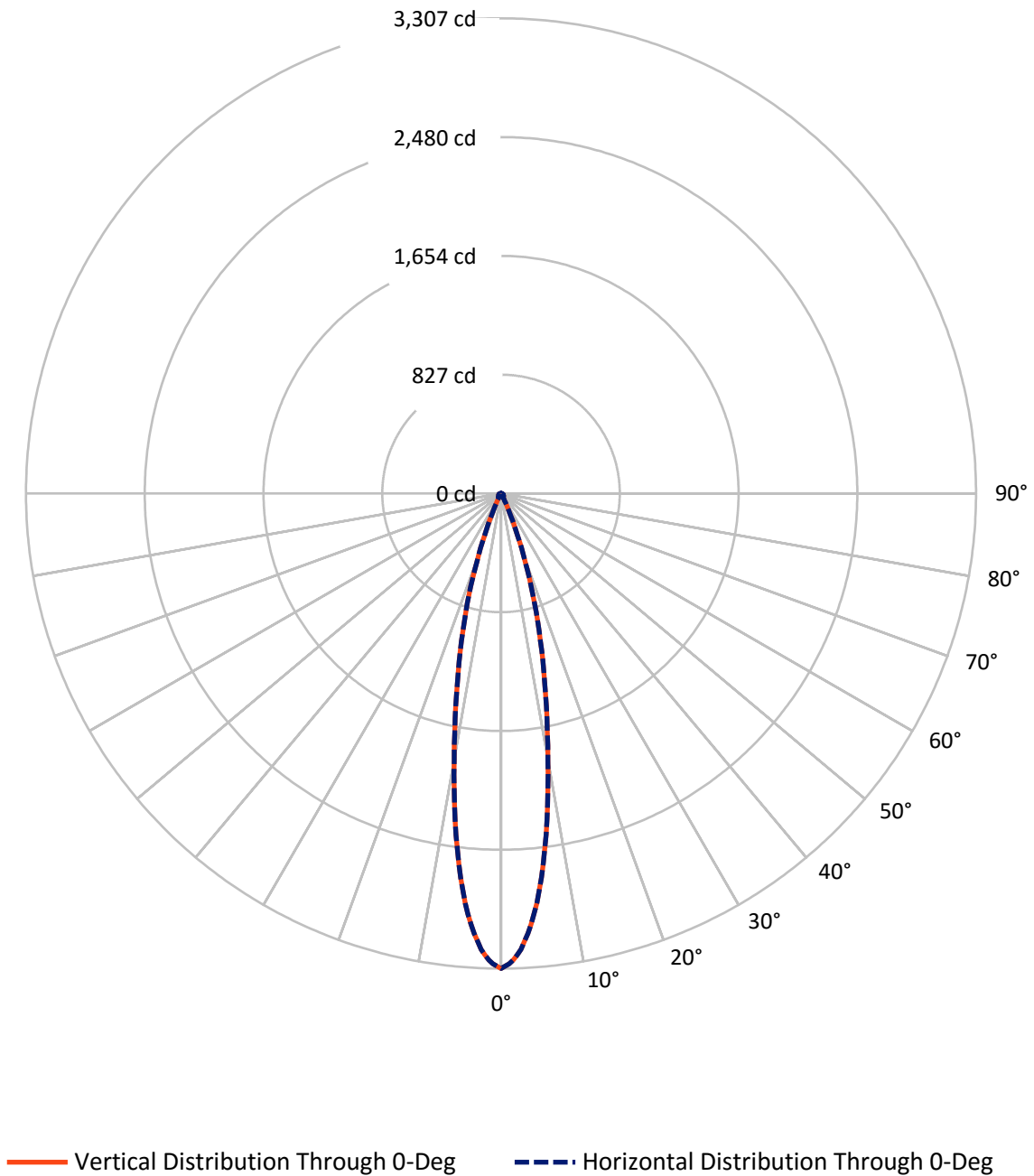
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Lumen Table

90																			
80	0.0	0.2		0.4		0.5		0.6		0.5		0.4		0.2		0.0			
70	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1				
50	0.1	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.1	0.1			
40		0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.1				
30	0.1	0.2	0.3	0.5	0.6	0.8	1.4	3.8	3.8	1.4	0.8	0.6	0.5	0.3	0.2	0.1			
20		0.2	0.3	0.5	0.7	1.4	11.2	28.8	28.8	11.2	1.4	0.7	0.5	0.3	0.2				
10	0.1	0.2	0.4	0.5	0.7	3.5	28.0	70.6	70.6	28.0	3.5	0.7	0.5	0.4	0.2	0.1			
0		0.2	0.4	0.5	0.7	3.5	28.0	70.6	70.6	28.0	3.5	0.7	0.5	0.4	0.2				
-10	0.1	0.2	0.3	0.5	0.7	1.4	11.2	28.8	28.8	11.2	1.4	0.7	0.5	0.3	0.2	0.1			
-20		0.2	0.3	0.5	0.6	0.8	1.4	3.8	3.8	1.4	0.8	0.6	0.5	0.3	0.2				
-30	0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.1	0.1			
-40		0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.1				
-50	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1				
-70																			
-80	0.0	0.2		0.4		0.5		0.6		0.5		0.4		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

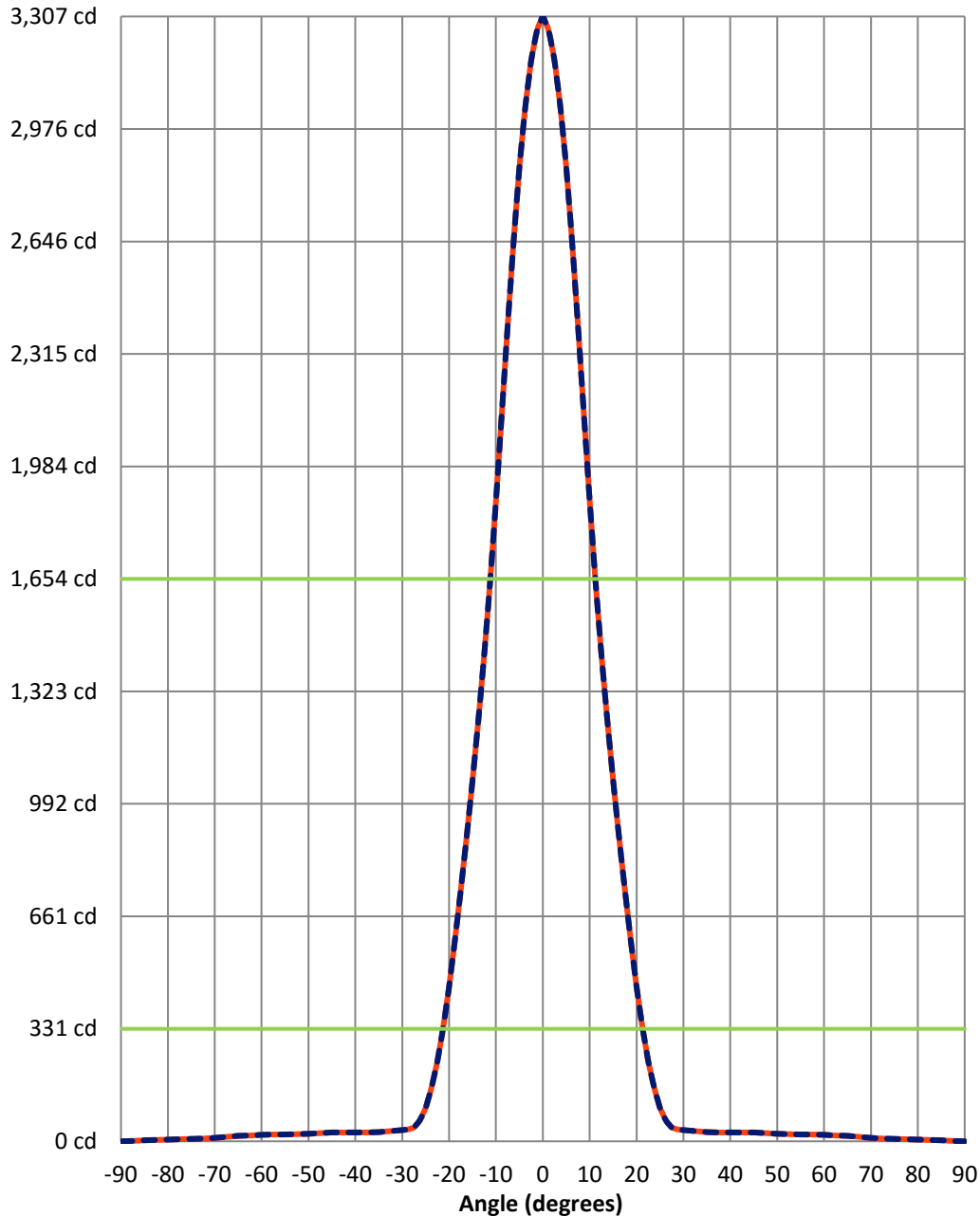
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 22.4°
 V Angle: 22.4°
 Lumens: 285.1
 Efficiency: 42.4%

Field:
 H Angle: 42.6°
 V Angle: 42.6°
 Lumens: 548.4
 Efficiency: 81.5%

Spill:
 Lumens: 124.3
 Efficiency: 18.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.4	0.8	1.5	2.3	3.1	3.5	3.9	4.3	4.7	5.1
32.5°	0.0	0.4	0.8	1.5	2.4	3.1	3.5	3.9	4.4	4.8	5.2
31.25°	0.0	0.4	0.9	1.6	2.4	3.1	3.6	4.0	4.4	4.8	5.3
30°	0.0	0.4	0.9	1.6	2.5	3.2	3.6	4.0	4.5	4.9	5.3
28.75°	0.0	0.4	0.9	1.6	2.5	3.2	3.6	4.1	4.5	4.9	5.4
27.5°	0.0	0.4	0.9	1.7	2.5	3.2	3.7	4.1	4.5	5.0	5.4
26.25°	0.0	0.4	0.9	1.7	2.6	3.2	3.7	4.1	4.6	5.0	5.5
25°	0.0	0.5	0.9	1.7	2.6	3.3	3.7	4.2	4.6	5.1	5.5
23.75°	0.0	0.5	0.9	1.7	2.7	3.3	3.7	4.2	4.7	5.1	5.6
22.5°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.2	4.7	5.2	5.6
21.25°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.3	4.7	5.2	5.7
20°	0.0	0.5	0.9	1.8	2.8	3.3	3.8	4.3	4.8	5.2	5.7
18.75°	0.0	0.5	0.9	1.8	2.8	3.4	3.8	4.3	4.8	5.3	5.7
17.5°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.3	4.8	5.3	5.8
16.25°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.4	4.8	5.3	5.8
15°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.3	5.8
13.75°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.4	5.9
12.5°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.4	5.9
11.25°	0.0	0.5	1.0	1.9	2.9	3.5	3.9	4.4	4.9	5.4	5.9
10°	0.0	0.5	1.0	2.0	2.9	3.5	4.0	4.4	4.9	5.4	5.9
8.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
7.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
6.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
3.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
2.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
1.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
0°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-1.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-2.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-3.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-6.25°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-7.5°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0
-8.75°	0.0	0.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.4	5.9
-10°	0.0	0.5	1.0	2.0	2.9	3.5	4.0	4.4	4.9	5.4	5.9
-11.25°	0.0	0.5	1.0	1.9	2.9	3.5	3.9	4.4	4.9	5.4	5.9
-12.5°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.4	5.9
-13.75°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.4	5.9
-15°	0.0	0.5	1.0	1.9	2.9	3.4	3.9	4.4	4.9	5.3	5.8
-16.25°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.4	4.8	5.3	5.8
-17.5°	0.0	0.5	1.0	1.9	2.8	3.4	3.9	4.3	4.8	5.3	5.8
-18.75°	0.0	0.5	0.9	1.8	2.8	3.4	3.8	4.3	4.8	5.3	5.7
-20°	0.0	0.5	0.9	1.8	2.8	3.3	3.8	4.3	4.8	5.2	5.7
-21.25°	0.0	0.5	0.9	1.8	2.7	3.3	3.8	4.3	4.7	5.2	5.7



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
86.25°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
85°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.2
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.2	1.3	1.4	1.5	1.6
81.25°	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	1.9	2.1
80°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
78.75°	1.1	1.3	1.5	1.7	1.9	2.1	2.2	2.4	2.6	2.8	3.0
77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.2
76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.1	3.2	3.3	3.4
75°	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.3	3.4	3.5	3.6
73.75°	2.1	2.3	2.6	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8
72.5°	2.3	2.6	2.9	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1
71.25°	2.5	2.8	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3
70°	2.7	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.2	4.3	4.5
68.75°	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.5	4.7
67.5°	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9
66.25°	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1
65°	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3
63.75°	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
62.5°	3.5	3.7	4.0	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.7
61.25°	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.9
60°	3.7	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.9	6.1
58.75°	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.3
57.5°	3.9	4.2	4.5	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5
56.25°	4.0	4.3	4.6	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7
55°	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.1	6.3	6.6	6.9
53.75°	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.2	6.5	6.8	7.1
52.5°	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
51.25°	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4
50°	4.5	4.8	5.1	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6
48.75°	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.2	7.5	7.8
47.5°	4.7	5.0	5.4	5.7	6.0	6.3	6.7	7.0	7.3	7.6	8.0
46.25°	4.8	5.1	5.5	5.8	6.1	6.5	6.8	7.1	7.5	7.8	8.2
45°	4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.3	7.6	8.0	8.6
43.75°	5.0	5.3	5.7	6.0	6.4	6.7	7.1	7.4	7.8	8.2	8.9
42.5°	5.0	5.4	5.8	6.1	6.5	6.8	7.2	7.6	7.9	8.5	9.2
41.25°	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.8	9.5
40°	5.2	5.6	6.0	6.3	6.7	7.1	7.4	7.8	8.4	9.1	9.8
38.75°	5.3	5.7	6.0	6.4	6.8	7.2	7.6	7.9	8.6	9.4	10.2
37.5°	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.9	9.7	10.7
36.25°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.4	9.2	9.9	11.1
35°	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.6	9.4	10.3	11.5



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.8	9.7	10.7	11.9
32.5°	5.6	6.0	6.5	6.9	7.3	7.7	8.2	9.1	9.9	11.1	12.3
31.25°	5.7	6.1	6.5	7.0	7.4	7.8	8.4	9.3	10.2	11.4	12.7
30°	5.8	6.2	6.6	7.0	7.5	7.9	8.6	9.5	10.5	11.8	13.0
28.75°	5.8	6.2	6.7	7.1	7.5	8.0	8.8	9.7	10.8	12.1	13.4
27.5°	5.9	6.3	6.7	7.2	7.6	8.1	9.0	9.9	11.1	12.4	13.7
26.25°	5.9	6.4	6.8	7.3	7.7	8.3	9.2	10.1	11.4	12.7	14.0
25°	6.0	6.4	6.9	7.3	7.8	8.4	9.3	10.4	11.7	13.0	14.4
23.75°	6.0	6.5	6.9	7.4	7.8	8.6	9.5	10.6	12.0	13.3	14.7
22.5°	6.1	6.5	7.0	7.5	7.9	8.7	9.7	10.8	12.2	13.6	14.9
21.25°	6.1	6.6	7.0	7.5	8.0	8.9	9.8	11.1	12.5	13.8	15.2
20°	6.2	6.6	7.1	7.6	8.1	9.0	9.9	11.3	12.7	14.1	15.5
18.75°	6.2	6.7	7.1	7.6	8.2	9.1	10.1	11.5	12.9	14.3	15.7
17.5°	6.2	6.7	7.2	7.7	8.3	9.2	10.3	11.7	13.1	14.5	15.9
16.25°	6.3	6.8	7.2	7.7	8.4	9.3	10.4	11.9	13.3	14.7	16.1
15°	6.3	6.8	7.3	7.8	8.5	9.4	10.6	12.0	13.5	14.9	16.1
13.75°	6.3	6.8	7.3	7.8	8.6	9.5	10.7	12.2	13.6	15.1	16.2
12.5°	6.4	6.9	7.3	7.8	8.6	9.6	10.9	12.3	13.8	15.2	16.2
11.25°	6.4	6.9	7.4	7.9	8.7	9.7	11.0	12.5	13.9	15.4	16.3
10°	6.4	6.9	7.4	7.9	8.8	9.7	11.1	12.6	14.0	15.5	16.3
8.75°	6.4	6.9	7.4	7.9	8.8	9.8	11.2	12.7	14.1	15.6	16.4
7.5°	6.5	6.9	7.4	7.9	8.9	9.9	11.3	12.8	14.2	15.7	16.4
6.25°	6.5	7.0	7.5	8.0	8.9	9.9	11.3	12.8	14.3	15.8	16.4
5°	6.5	7.0	7.5	8.0	8.9	9.9	11.4	12.9	14.4	15.9	16.5
3.75°	6.5	7.0	7.5	8.0	9.0	10.0	11.4	12.9	14.4	15.9	16.5
2.5°	6.5	7.0	7.5	8.0	9.0	10.0	11.5	13.0	14.5	16.0	16.5
1.25°	6.5	7.0	7.5	8.0	9.0	10.0	11.5	13.0	14.5	16.0	16.5
0°	6.5	7.0	7.5	8.0	9.0	10.0	11.5	13.0	14.5	16.0	16.5
-1.25°	6.5	7.0	7.5	8.0	9.0	10.0	11.5	13.0	14.5	16.0	16.5
-2.5°	6.5	7.0	7.5	8.0	9.0	10.0	11.5	13.0	14.5	16.0	16.5
-3.75°	6.5	7.0	7.5	8.0	9.0	10.0	11.4	12.9	14.4	15.9	16.5
-5°	6.5	7.0	7.5	8.0	8.9	9.9	11.4	12.9	14.4	15.9	16.5
-6.25°	6.5	7.0	7.5	8.0	8.9	9.9	11.3	12.8	14.3	15.8	16.4
-7.5°	6.5	6.9	7.4	7.9	8.9	9.9	11.3	12.8	14.2	15.7	16.4
-8.75°	6.4	6.9	7.4	7.9	8.8	9.8	11.2	12.7	14.1	15.6	16.4
-10°	6.4	6.9	7.4	7.9	8.8	9.7	11.1	12.6	14.0	15.5	16.3
-11.25°	6.4	6.9	7.4	7.9	8.7	9.7	11.0	12.5	13.9	15.4	16.3
-12.5°	6.4	6.9	7.3	7.8	8.6	9.6	10.9	12.3	13.8	15.2	16.2
-13.75°	6.3	6.8	7.3	7.8	8.6	9.5	10.7	12.2	13.6	15.1	16.2
-15°	6.3	6.8	7.3	7.8	8.5	9.4	10.6	12.0	13.5	14.9	16.1
-16.25°	6.3	6.8	7.2	7.7	8.4	9.3	10.4	11.9	13.3	14.7	16.1
-17.5°	6.2	6.7	7.2	7.7	8.3	9.2	10.3	11.7	13.1	14.5	15.9
-18.75°	6.2	6.7	7.1	7.6	8.2	9.1	10.1	11.5	12.9	14.3	15.7
-20°	6.2	6.6	7.1	7.6	8.1	9.0	9.9	11.3	12.7	14.1	15.5
-21.25°	6.1	6.6	7.0	7.5	8.0	8.9	9.8	11.1	12.5	13.8	15.2



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	6.1	6.5	7.0	7.5	7.9	8.7	9.7	10.8	12.2	13.6	14.9
-23.75°	6.0	6.5	6.9	7.4	7.8	8.6	9.5	10.6	12.0	13.3	14.7
-25°	6.0	6.4	6.9	7.3	7.8	8.4	9.3	10.4	11.7	13.0	14.4
-26.25°	5.9	6.4	6.8	7.3	7.7	8.3	9.2	10.1	11.4	12.7	14.0
-27.5°	5.9	6.3	6.7	7.2	7.6	8.1	9.0	9.9	11.1	12.4	13.7
-28.75°	5.8	6.2	6.7	7.1	7.5	8.0	8.8	9.7	10.8	12.1	13.4
-30°	5.8	6.2	6.6	7.0	7.5	7.9	8.6	9.5	10.5	11.8	13.0
-31.25°	5.7	6.1	6.5	7.0	7.4	7.8	8.4	9.3	10.2	11.4	12.7
-32.5°	5.6	6.0	6.5	6.9	7.3	7.7	8.2	9.1	9.9	11.1	12.3
-33.75°	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.8	9.7	10.7	11.9
-35°	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.6	9.4	10.3	11.5
-36.25°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.4	9.2	9.9	11.1
-37.5°	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.9	9.7	10.7
-38.75°	5.3	5.7	6.0	6.4	6.8	7.2	7.6	7.9	8.6	9.4	10.2
-40°	5.2	5.6	6.0	6.3	6.7	7.1	7.4	7.8	8.4	9.1	9.8
-41.25°	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.8	9.5
-42.5°	5.0	5.4	5.8	6.1	6.5	6.8	7.2	7.6	7.9	8.5	9.2
-43.75°	5.0	5.3	5.7	6.0	6.4	6.7	7.1	7.4	7.8	8.2	8.9
-45°	4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.3	7.6	8.0	8.6
-46.25°	4.8	5.1	5.5	5.8	6.1	6.5	6.8	7.1	7.5	7.8	8.2
-47.5°	4.7	5.0	5.4	5.7	6.0	6.3	6.7	7.0	7.3	7.6	8.0
-48.75°	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.2	7.5	7.8
-50°	4.5	4.8	5.1	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6
-51.25°	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4
-52.5°	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
-53.75°	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.2	6.5	6.8	7.1
-55°	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.1	6.3	6.6	6.9
-56.25°	4.0	4.3	4.6	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.7
-57.5°	3.9	4.2	4.5	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5
-58.75°	3.8	4.1	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.3
-60°	3.7	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.9	6.1
-61.25°	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.9
-62.5°	3.5	3.7	4.0	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.7
-63.75°	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
-65°	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-66.25°	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1
-67.5°	3.1	3.3	3.5	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9
-68.75°	3.0	3.2	3.3	3.5	3.7	3.8	4.0	4.2	4.4	4.5	4.7
-70°	2.7	3.0	3.2	3.4	3.5	3.7	3.8	4.0	4.2	4.3	4.5
-71.25°	2.5	2.8	3.1	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3
-72.5°	2.3	2.6	2.9	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1
-73.75°	2.1	2.3	2.6	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8
-75°	1.8	2.1	2.3	2.6	2.8	3.0	3.2	3.3	3.4	3.5	3.6
-76.25°	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.1	3.2	3.3	3.4
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.2



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.2
80°	2.7	2.8	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.6
78.75°	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9
77.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2
76.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
75°	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
73.75°	4.0	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1
72.5°	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5
71.25°	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.8
70°	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.9	6.1
68.75°	4.9	5.0	5.2	5.3	5.5	5.6	5.8	6.0	6.1	6.2	6.4
67.5°	5.1	5.2	5.4	5.6	5.7	5.9	6.1	6.2	6.4	6.5	6.7
66.25°	5.3	5.5	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0
65°	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.8	7.0	7.1	7.3
63.75°	5.7	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6
62.5°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9
61.25°	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.4
60°	6.3	6.6	6.8	7.0	7.2	7.5	7.7	7.9	8.2	8.6	9.0
58.75°	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.3	8.7	9.2	9.6
57.5°	6.7	7.0	7.2	7.5	7.7	7.9	8.4	8.8	9.3	9.7	10.2
56.25°	6.9	7.2	7.5	7.7	7.9	8.4	8.9	9.3	9.8	10.4	11.1
55°	7.1	7.4	7.7	7.9	8.4	8.9	9.4	9.9	10.5	11.2	12.0
53.75°	7.3	7.6	7.9	8.3	8.8	9.3	9.9	10.6	11.3	12.1	12.8
52.5°	7.5	7.8	8.2	8.7	9.3	9.8	10.5	11.3	12.1	12.9	13.6
51.25°	7.7	8.0	8.6	9.2	9.7	10.4	11.2	12.1	12.9	13.7	14.5
50°	7.9	8.4	9.0	9.6	10.2	11.1	12.0	12.8	13.6	14.5	15.3
48.75°	8.2	8.8	9.4	10.0	10.9	11.8	12.7	13.5	14.4	15.2	16.0
47.5°	8.5	9.2	9.8	10.6	11.5	12.5	13.4	14.3	15.1	16.0	16.3
46.25°	8.9	9.5	10.3	11.2	12.2	13.1	14.0	15.0	15.9	16.3	16.6
45°	9.2	9.9	10.8	11.8	12.8	13.8	14.7	15.7	16.2	16.5	16.8
43.75°	9.6	10.4	11.4	12.4	13.4	14.4	15.4	16.1	16.4	16.8	17.1
42.5°	9.9	10.9	12.0	13.0	14.0	15.0	16.0	16.3	16.7	17.0	17.6
41.25°	10.4	11.4	12.5	13.5	14.6	15.6	16.2	16.6	16.9	17.5	18.1
40°	10.9	11.9	13.0	14.1	15.2	16.1	16.4	16.8	17.2	17.9	18.6
38.75°	11.3	12.4	13.5	14.6	15.7	16.3	16.6	17.0	17.7	18.4	19.0
37.5°	11.8	12.9	14.0	15.2	16.1	16.5	16.8	17.4	18.1	18.8	19.3
36.25°	12.2	13.4	14.5	15.7	16.3	16.6	17.0	17.8	18.5	19.1	19.5
35°	12.7	13.8	15.0	16.1	16.4	16.8	17.4	18.2	18.9	19.3	19.7



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	13.1	14.3	15.5	16.2	16.6	17.0	17.8	18.6	19.2	19.5	19.9
32.5°	13.5	14.7	15.9	16.4	16.8	17.4	18.1	18.9	19.4	19.7	20.0
31.25°	13.9	15.1	16.1	16.5	16.9	17.7	18.5	19.1	19.5	19.9	20.0
30°	14.3	15.5	16.3	16.7	17.2	18.0	18.8	19.3	19.7	20.0	20.0
28.75°	14.7	15.9	16.4	16.8	17.5	18.3	19.1	19.5	19.9	20.0	20.0
27.5°	15.0	16.1	16.5	17.0	17.8	18.6	19.2	19.7	20.0	20.0	20.0
26.25°	15.4	16.2	16.7	17.2	18.0	18.9	19.4	19.8	20.0	20.0	20.1
25°	15.7	16.3	16.8	17.4	18.3	19.1	19.5	20.0	20.0	20.0	20.3
23.75°	16.0	16.4	16.9	17.7	18.6	19.2	19.7	20.0	20.0	20.0	20.4
22.5°	16.1	16.6	17.0	17.9	18.8	19.4	19.8	20.0	20.0	20.1	20.6
21.25°	16.2	16.7	17.2	18.1	19.0	19.5	19.9	20.0	20.0	20.3	20.7
20°	16.3	16.7	17.4	18.3	19.1	19.6	20.0	20.0	20.0	20.4	20.9
18.75°	16.4	16.8	17.6	18.5	19.2	19.7	20.0	20.0	20.1	20.5	21.0
17.5°	16.5	16.9	17.8	18.7	19.3	19.8	20.0	20.0	20.2	20.7	21.1
16.25°	16.5	17.0	17.9	18.9	19.4	19.9	20.0	20.0	20.3	20.8	21.2
15°	16.6	17.1	18.1	19.0	19.5	20.0	20.0	20.0	20.4	20.9	21.4
13.75°	16.7	17.3	18.2	19.1	19.6	20.0	20.0	20.0	20.5	21.0	21.5
12.5°	16.7	17.4	18.4	19.2	19.7	20.0	20.0	20.1	20.6	21.1	21.5
11.25°	16.8	17.5	18.5	19.2	19.7	20.0	20.0	20.2	20.7	21.1	21.6
10°	16.8	17.6	18.6	19.3	19.8	20.0	20.0	20.2	20.7	21.2	21.7
8.75°	16.9	17.7	18.7	19.3	19.8	20.0	20.0	20.3	20.8	21.3	21.8
7.5°	16.9	17.8	18.8	19.4	19.9	20.0	20.0	20.4	20.8	21.3	21.8
6.25°	16.9	17.9	18.8	19.4	19.9	20.0	20.0	20.4	20.9	21.4	21.9
5°	17.0	17.9	18.9	19.4	19.9	20.0	20.0	20.4	20.9	21.4	21.9
3.75°	17.0	17.9	18.9	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
2.5°	17.0	18.0	19.0	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
1.25°	17.0	18.0	19.0	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
0°	17.0	18.0	19.0	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
-1.25°	17.0	18.0	19.0	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
-2.5°	17.0	18.0	19.0	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
-3.75°	17.0	17.9	18.9	19.5	20.0	20.0	20.0	20.5	21.0	21.5	22.0
-5°	17.0	17.9	18.9	19.4	19.9	20.0	20.0	20.4	20.9	21.4	21.9
-6.25°	16.9	17.9	18.8	19.4	19.9	20.0	20.0	20.4	20.9	21.4	21.9
-7.5°	16.9	17.8	18.8	19.4	19.9	20.0	20.0	20.4	20.8	21.3	21.8
-8.75°	16.9	17.7	18.7	19.3	19.8	20.0	20.0	20.3	20.8	21.3	21.8
-10°	16.8	17.6	18.6	19.3	19.8	20.0	20.0	20.2	20.7	21.2	21.7
-11.25°	16.8	17.5	18.5	19.2	19.7	20.0	20.0	20.2	20.7	21.1	21.6
-12.5°	16.7	17.4	18.4	19.2	19.7	20.0	20.0	20.1	20.6	21.1	21.5
-13.75°	16.7	17.3	18.2	19.1	19.6	20.0	20.0	20.0	20.5	21.0	21.5
-15°	16.6	17.1	18.1	19.0	19.5	20.0	20.0	20.0	20.4	20.9	21.4
-16.25°	16.5	17.0	17.9	18.9	19.4	19.9	20.0	20.0	20.3	20.8	21.2
-17.5°	16.5	16.9	17.8	18.7	19.3	19.8	20.0	20.0	20.2	20.7	21.1
-18.75°	16.4	16.8	17.6	18.5	19.2	19.7	20.0	20.0	20.1	20.5	21.0
-20°	16.3	16.7	17.4	18.3	19.1	19.6	20.0	20.0	20.0	20.4	20.9
-21.25°	16.2	16.7	17.2	18.1	19.0	19.5	19.9	20.0	20.0	20.3	20.7



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	16.1	16.6	17.0	17.9	18.8	19.4	19.8	20.0	20.0	20.1	20.6
-23.75°	16.0	16.4	16.9	17.7	18.6	19.2	19.7	20.0	20.0	20.0	20.4
-25°	15.7	16.3	16.8	17.4	18.3	19.1	19.5	20.0	20.0	20.0	20.3
-26.25°	15.4	16.2	16.7	17.2	18.0	18.9	19.4	19.8	20.0	20.0	20.1
-27.5°	15.0	16.1	16.5	17.0	17.8	18.6	19.2	19.7	20.0	20.0	20.0
-28.75°	14.7	15.9	16.4	16.8	17.5	18.3	19.1	19.5	19.9	20.0	20.0
-30°	14.3	15.5	16.3	16.7	17.2	18.0	18.8	19.3	19.7	20.0	20.0
-31.25°	13.9	15.1	16.1	16.5	16.9	17.7	18.5	19.1	19.5	19.9	20.0
-32.5°	13.5	14.7	15.9	16.4	16.8	17.4	18.1	18.9	19.4	19.7	20.0
-33.75°	13.1	14.3	15.5	16.2	16.6	17.0	17.8	18.6	19.2	19.5	19.9
-35°	12.7	13.8	15.0	16.1	16.4	16.8	17.4	18.2	18.9	19.3	19.7
-36.25°	12.2	13.4	14.5	15.7	16.3	16.6	17.0	17.8	18.5	19.1	19.5
-37.5°	11.8	12.9	14.0	15.2	16.1	16.5	16.8	17.4	18.1	18.8	19.3
-38.75°	11.3	12.4	13.5	14.6	15.7	16.3	16.6	17.0	17.7	18.4	19.0
-40°	10.9	11.9	13.0	14.1	15.2	16.1	16.4	16.8	17.2	17.9	18.6
-41.25°	10.4	11.4	12.5	13.5	14.6	15.6	16.2	16.6	16.9	17.5	18.1
-42.5°	9.9	10.9	12.0	13.0	14.0	15.0	16.0	16.3	16.7	17.0	17.6
-43.75°	9.6	10.4	11.4	12.4	13.4	14.4	15.4	16.1	16.4	16.8	17.1
-45°	9.2	9.9	10.8	11.8	12.8	13.8	14.7	15.7	16.2	16.5	16.8
-46.25°	8.9	9.5	10.3	11.2	12.2	13.1	14.0	15.0	15.9	16.3	16.6
-47.5°	8.5	9.2	9.8	10.6	11.5	12.5	13.4	14.3	15.1	16.0	16.3
-48.75°	8.2	8.8	9.4	10.0	10.9	11.8	12.7	13.5	14.4	15.2	16.0
-50°	7.9	8.4	9.0	9.6	10.2	11.1	12.0	12.8	13.6	14.5	15.3
-51.25°	7.7	8.0	8.6	9.2	9.7	10.4	11.2	12.1	12.9	13.7	14.5
-52.5°	7.5	7.8	8.2	8.7	9.3	9.8	10.5	11.3	12.1	12.9	13.6
-53.75°	7.3	7.6	7.9	8.3	8.8	9.3	9.9	10.6	11.3	12.1	12.8
-55°	7.1	7.4	7.7	7.9	8.4	8.9	9.4	9.9	10.5	11.2	12.0
-56.25°	6.9	7.2	7.5	7.7	7.9	8.4	8.9	9.3	9.8	10.4	11.1
-57.5°	6.7	7.0	7.2	7.5	7.7	7.9	8.4	8.8	9.3	9.7	10.2
-58.75°	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.3	8.7	9.2	9.6
-60°	6.3	6.6	6.8	7.0	7.2	7.5	7.7	7.9	8.2	8.6	9.0
-61.25°	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.4
-62.5°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9
-63.75°	5.7	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6
-65°	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.8	7.0	7.1	7.3
-66.25°	5.3	5.5	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0
-67.5°	5.1	5.2	5.4	5.6	5.7	5.9	6.1	6.2	6.4	6.5	6.7
-68.75°	4.9	5.0	5.2	5.3	5.5	5.6	5.8	6.0	6.1	6.2	6.4
-70°	4.6	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.9	6.1
-71.25°	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.8
-72.5°	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5
-73.75°	4.0	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1
-75°	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
-76.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
-77.5°	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9
-80°	2.7	2.8	3.0	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.6
-81.25°	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.1	3.2	3.2
-82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.9
-83.75°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
-85°	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6
-86.25°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
82.5°	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
81.25°	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
80°	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.2
78.75°	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.6	4.6
77.5°	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0
76.25°	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.3	5.4
75°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
73.75°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2
72.5°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
71.25°	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
70°	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4
68.75°	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.6	7.7	7.8
67.5°	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.4
66.25°	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.4	8.6	8.9	9.2
65°	7.5	7.6	7.8	8.0	8.2	8.5	8.8	9.1	9.4	9.7	9.9
63.75°	7.8	8.0	8.2	8.6	8.9	9.2	9.5	9.8	10.2	10.7	11.1
62.5°	8.2	8.5	8.9	9.2	9.6	9.9	10.4	10.9	11.3	11.8	12.2
61.25°	8.8	9.2	9.5	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4
60°	9.4	9.8	10.3	10.8	11.4	12.0	12.5	13.0	13.5	14.0	14.5
58.75°	10.0	10.6	11.2	11.8	12.4	13.0	13.5	14.1	14.6	15.2	15.7
57.5°	10.9	11.5	12.2	12.8	13.4	14.0	14.6	15.2	15.7	16.1	16.3
56.25°	11.8	12.5	13.1	13.8	14.4	15.0	15.6	16.1	16.3	16.5	16.6
55°	12.7	13.4	14.0	14.7	15.4	16.0	16.2	16.4	16.6	16.8	17.0
53.75°	13.5	14.3	15.0	15.7	16.1	16.3	16.6	16.8	17.0	17.4	17.8
52.5°	14.4	15.1	15.9	16.2	16.4	16.7	16.9	17.2	17.7	18.1	18.5
51.25°	15.2	16.0	16.3	16.5	16.8	17.0	17.5	17.9	18.4	18.8	19.1
50°	16.0	16.3	16.6	16.8	17.1	17.6	18.1	18.6	19.0	19.3	19.5
48.75°	16.3	16.6	16.9	17.2	17.8	18.3	18.8	19.1	19.4	19.6	19.8
47.5°	16.6	16.9	17.3	17.8	18.4	18.9	19.2	19.5	19.7	20.0	20.0
46.25°	16.9	17.3	17.9	18.4	19.0	19.3	19.5	19.8	20.0	20.0	20.0
45°	17.2	17.8	18.4	19.0	19.3	19.6	19.8	20.0	20.0	20.0	20.0
43.75°	17.8	18.4	19.0	19.3	19.6	19.9	20.0	20.0	20.0	20.0	20.3
42.5°	18.3	18.9	19.3	19.6	19.9	20.0	20.0	20.0	20.0	20.3	20.6
41.25°	18.8	19.2	19.5	19.8	20.0	20.0	20.0	20.1	20.4	20.6	20.9
40°	19.1	19.5	19.8	20.0	20.0	20.0	20.1	20.4	20.7	21.0	21.3
38.75°	19.4	19.7	20.0	20.0	20.0	20.0	20.4	20.7	21.0	21.3	21.6
37.5°	19.6	20.0	20.0	20.0	20.0	20.3	20.6	21.0	21.3	21.6	21.9
36.25°	19.8	20.0	20.0	20.0	20.3	20.6	20.9	21.3	21.6	21.9	22.5
35°	20.0	20.0	20.0	20.2	20.5	20.9	21.2	21.5	21.9	22.4	23.1



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	20.0	20.0	20.0	20.4	20.8	21.1	21.5	21.8	22.3	23.0	23.7
32.5°	20.0	20.0	20.3	20.6	21.0	21.4	21.7	22.2	22.9	23.6	24.3
31.25°	20.0	20.1	20.5	20.9	21.3	21.6	22.0	22.7	23.5	24.2	24.9
30°	20.0	20.3	20.7	21.1	21.5	21.9	22.5	23.2	24.0	24.7	25.4
28.75°	20.1	20.5	20.9	21.3	21.7	22.2	23.0	23.8	24.5	25.3	26.0
27.5°	20.3	20.7	21.1	21.5	21.9	22.7	23.5	24.2	25.0	25.8	26.0
26.25°	20.5	20.9	21.3	21.7	22.3	23.1	23.9	24.7	25.5	26.0	26.0
25°	20.7	21.1	21.5	21.9	22.7	23.5	24.4	25.2	26.0	26.0	26.0
23.75°	20.8	21.3	21.7	22.3	23.1	24.0	24.8	25.6	26.0	26.0	26.0
22.5°	21.0	21.4	21.9	22.6	23.5	24.3	25.2	26.0	26.0	26.0	26.0
21.25°	21.2	21.6	22.1	23.0	23.9	24.7	25.6	26.0	26.0	26.0	26.0
20°	21.3	21.8	22.4	23.3	24.2	25.1	26.0	26.0	26.0	26.0	26.0
18.75°	21.5	21.9	22.7	23.6	24.5	25.4	26.0	26.0	26.0	26.0	26.0
17.5°	21.6	22.1	23.0	23.9	24.8	25.7	26.0	26.0	26.0	26.0	26.0
16.25°	21.7	22.3	23.3	24.2	25.1	26.0	26.0	26.0	26.0	26.0	26.0
15°	21.8	22.6	23.5	24.5	25.4	26.0	26.0	26.0	26.0	26.0	26.0
13.75°	21.9	22.8	23.8	24.7	25.6	26.0	26.0	26.0	26.0	26.0	26.0
12.5°	22.1	23.0	24.0	24.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0
11.25°	22.2	23.2	24.2	25.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0
10°	22.4	23.4	24.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
8.75°	22.5	23.5	24.5	25.5	26.0	26.0	26.0	26.0	26.0	26.0	26.1
7.5°	22.7	23.6	24.6	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.2
6.25°	22.8	23.8	24.7	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.3
5°	22.8	23.8	24.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.4
3.75°	22.9	23.9	24.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.4
2.5°	23.0	24.0	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.5
1.25°	23.0	24.0	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.5
0°	23.0	24.0	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.5
-1.25°	23.0	24.0	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.5
-2.5°	23.0	24.0	25.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.5
-3.75°	22.9	23.9	24.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.4
-5°	22.8	23.8	24.8	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.4
-6.25°	22.8	23.8	24.7	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.3
-7.5°	22.7	23.6	24.6	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.2
-8.75°	22.5	23.5	24.5	25.5	26.0	26.0	26.0	26.0	26.0	26.0	26.1
-10°	22.4	23.4	24.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-11.25°	22.2	23.2	24.2	25.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-12.5°	22.1	23.0	24.0	24.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0
-13.75°	21.9	22.8	23.8	24.7	25.6	26.0	26.0	26.0	26.0	26.0	26.0
-15°	21.8	22.6	23.5	24.5	25.4	26.0	26.0	26.0	26.0	26.0	26.0
-16.25°	21.7	22.3	23.3	24.2	25.1	26.0	26.0	26.0	26.0	26.0	26.0
-17.5°	21.6	22.1	23.0	23.9	24.8	25.7	26.0	26.0	26.0	26.0	26.0
-18.75°	21.5	21.9	22.7	23.6	24.5	25.4	26.0	26.0	26.0	26.0	26.0
-20°	21.3	21.8	22.4	23.3	24.2	25.1	26.0	26.0	26.0	26.0	26.0
-21.25°	21.2	21.6	22.1	23.0	23.9	24.7	25.6	26.0	26.0	26.0	26.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	21.0	21.4	21.9	22.6	23.5	24.3	25.2	26.0	26.0	26.0	26.0
-23.75°	20.8	21.3	21.7	22.3	23.1	24.0	24.8	25.6	26.0	26.0	26.0
-25°	20.7	21.1	21.5	21.9	22.7	23.5	24.4	25.2	26.0	26.0	26.0
-26.25°	20.5	20.9	21.3	21.7	22.3	23.1	23.9	24.7	25.5	26.0	26.0
-27.5°	20.3	20.7	21.1	21.5	21.9	22.7	23.5	24.2	25.0	25.8	26.0
-28.75°	20.1	20.5	20.9	21.3	21.7	22.2	23.0	23.8	24.5	25.3	26.0
-30°	20.0	20.3	20.7	21.1	21.5	21.9	22.5	23.2	24.0	24.7	25.4
-31.25°	20.0	20.1	20.5	20.9	21.3	21.6	22.0	22.7	23.5	24.2	24.9
-32.5°	20.0	20.0	20.3	20.6	21.0	21.4	21.7	22.2	22.9	23.6	24.3
-33.75°	20.0	20.0	20.0	20.4	20.8	21.1	21.5	21.8	22.3	23.0	23.7
-35°	20.0	20.0	20.0	20.2	20.5	20.9	21.2	21.5	21.9	22.4	23.1
-36.25°	19.8	20.0	20.0	20.0	20.3	20.6	20.9	21.3	21.6	21.9	22.5
-37.5°	19.6	20.0	20.0	20.0	20.0	20.3	20.6	21.0	21.3	21.6	21.9
-38.75°	19.4	19.7	20.0	20.0	20.0	20.0	20.4	20.7	21.0	21.3	21.6
-40°	19.1	19.5	19.8	20.0	20.0	20.0	20.1	20.4	20.7	21.0	21.3
-41.25°	18.8	19.2	19.5	19.8	20.0	20.0	20.0	20.1	20.4	20.6	20.9
-42.5°	18.3	18.9	19.3	19.6	19.9	20.0	20.0	20.0	20.0	20.3	20.6
-43.75°	17.8	18.4	19.0	19.3	19.6	19.9	20.0	20.0	20.0	20.0	20.3
-45°	17.2	17.8	18.4	19.0	19.3	19.6	19.8	20.0	20.0	20.0	20.0
-46.25°	16.9	17.3	17.9	18.4	19.0	19.3	19.5	19.8	20.0	20.0	20.0
-47.5°	16.6	16.9	17.3	17.8	18.4	18.9	19.2	19.5	19.7	20.0	20.0
-48.75°	16.3	16.6	16.9	17.2	17.8	18.3	18.8	19.1	19.4	19.6	19.8
-50°	16.0	16.3	16.6	16.8	17.1	17.6	18.1	18.6	19.0	19.3	19.5
-51.25°	15.2	16.0	16.3	16.5	16.8	17.0	17.5	17.9	18.4	18.8	19.1
-52.5°	14.4	15.1	15.9	16.2	16.4	16.7	16.9	17.2	17.7	18.1	18.5
-53.75°	13.5	14.3	15.0	15.7	16.1	16.3	16.6	16.8	17.0	17.4	17.8
-55°	12.7	13.4	14.0	14.7	15.4	16.0	16.2	16.4	16.6	16.8	17.0
-56.25°	11.8	12.5	13.1	13.8	14.4	15.0	15.6	16.1	16.3	16.5	16.6
-57.5°	10.9	11.5	12.2	12.8	13.4	14.0	14.6	15.2	15.7	16.1	16.3
-58.75°	10.0	10.6	11.2	11.8	12.4	13.0	13.5	14.1	14.6	15.2	15.7
-60°	9.4	9.8	10.3	10.8	11.4	12.0	12.5	13.0	13.5	14.0	14.5
-61.25°	8.8	9.2	9.5	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4
-62.5°	8.2	8.5	8.9	9.2	9.6	9.9	10.4	10.9	11.3	11.8	12.2
-63.75°	7.8	8.0	8.2	8.6	8.9	9.2	9.5	9.8	10.2	10.7	11.1
-65°	7.5	7.6	7.8	8.0	8.2	8.5	8.8	9.1	9.4	9.7	9.9
-66.25°	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.4	8.6	8.9	9.2
-67.5°	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.4
-68.75°	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.6	7.7	7.8
-70°	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4
-71.25°	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
-72.5°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
-73.75°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2
-75°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
-76.25°	4.6	4.7	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.3	5.4
-77.5°	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.6	4.6
-80°	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.2	4.2
-81.25°	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
-82.5°	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
-83.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.0
-85°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
-86.25°	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
83.75°	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3
82.5°	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8
81.25°	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2
80°	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7
78.75°	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2
77.5°	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6
76.25°	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1
75°	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.4	6.4	6.5	6.5
73.75°	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.9	6.9	7.0
72.5°	6.7	6.8	6.9	7.0	7.0	7.1	7.2	7.3	7.3	7.4	7.5
71.25°	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.8	7.8	7.9
70°	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.6	8.7
68.75°	7.9	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.3	9.5	9.7
67.5°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8
66.25°	9.4	9.7	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.2
65°	10.3	10.7	11.1	11.4	11.8	12.1	12.4	12.7	13.0	13.3	13.6
63.75°	11.5	11.9	12.3	12.7	13.0	13.4	13.7	14.0	14.4	14.7	14.9
62.5°	12.7	13.1	13.5	13.9	14.3	14.7	15.0	15.4	15.7	16.0	16.1
61.25°	13.8	14.3	14.7	15.1	15.5	15.9	16.1	16.2	16.3	16.4	16.6
60°	15.0	15.5	15.9	16.1	16.3	16.4	16.5	16.7	16.8	16.9	17.0
58.75°	16.1	16.2	16.4	16.5	16.7	16.8	17.0	17.2	17.4	17.7	17.9
57.5°	16.4	16.6	16.8	16.9	17.2	17.5	17.8	18.0	18.3	18.6	18.8
56.25°	16.8	17.0	17.4	17.7	18.0	18.3	18.6	18.9	19.1	19.2	19.4
55°	17.4	17.8	18.1	18.5	18.8	19.1	19.2	19.4	19.5	19.7	19.8
53.75°	18.2	18.6	18.9	19.1	19.3	19.5	19.7	19.8	20.0	20.0	20.0
52.5°	18.9	19.2	19.4	19.5	19.7	19.9	20.0	20.0	20.0	20.0	20.0
51.25°	19.3	19.5	19.7	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.1
50°	19.7	19.9	20.0	20.0	20.0	20.0	20.0	20.1	20.3	20.4	20.6
48.75°	20.0	20.0	20.0	20.0	20.0	20.1	20.3	20.5	20.7	20.8	21.0
47.5°	20.0	20.0	20.0	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.4
46.25°	20.0	20.0	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.9
45°	20.2	20.4	20.6	20.9	21.1	21.3	21.5	21.7	21.9	22.3	22.6
43.75°	20.5	20.8	21.0	21.3	21.5	21.7	21.9	22.3	22.7	23.1	23.5
42.5°	20.9	21.1	21.4	21.6	21.9	22.2	22.7	23.1	23.5	24.0	24.3
41.25°	21.2	21.5	21.7	22.0	22.5	23.0	23.5	23.9	24.4	24.8	25.2
40°	21.5	21.8	22.2	22.7	23.2	23.8	24.2	24.7	25.2	25.6	26.0
38.75°	21.9	22.3	22.9	23.5	24.0	24.5	25.0	25.5	26.0	26.0	26.0
37.5°	22.4	23.0	23.6	24.2	24.7	25.3	25.8	26.0	26.0	26.0	26.0
36.25°	23.1	23.7	24.3	24.9	25.4	26.0	26.0	26.0	26.0	26.0	26.0
35°	23.7	24.3	25.0	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	24.3	25.0	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
32.5°	25.0	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
31.25°	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
30°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.3
28.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.6
27.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.4	26.7	27.0
26.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.4	26.7	27.2	28.1
25°	26.0	26.0	26.0	26.0	26.0	26.0	26.4	26.7	27.3	28.3	29.2
23.75°	26.0	26.0	26.0	26.0	26.0	26.3	26.7	27.2	28.3	29.3	30.3
22.5°	26.0	26.0	26.0	26.0	26.3	26.6	27.0	28.1	29.2	30.3	31.3
21.25°	26.0	26.0	26.0	26.1	26.5	26.9	27.9	29.1	30.2	31.3	32.3
20°	26.0	26.0	26.0	26.4	26.8	27.6	28.8	29.9	31.1	32.2	33.2
18.75°	26.0	26.0	26.2	26.6	27.1	28.3	29.6	30.8	31.9	33.1	34.1
17.5°	26.0	26.0	26.4	26.8	27.8	29.1	30.3	31.6	32.8	33.8	36.3
16.25°	26.0	26.2	26.6	27.2	28.5	29.8	31.1	32.3	33.5	35.5	40.5
15°	26.0	26.4	26.8	27.8	29.1	30.4	31.7	33.0	34.3	38.0	47.9
13.75°	26.1	26.5	27.0	28.4	29.7	31.1	32.4	33.6	36.0	42.3	62.0
12.5°	26.2	26.7	27.5	28.9	30.3	31.6	33.0	34.4	38.6	51.3	79.4
11.25°	26.4	26.9	28.0	29.4	30.8	32.2	33.5	35.8	42.1	62.9	97.2
10°	26.5	27.0	28.4	29.8	31.2	32.6	33.9	37.3	48.3	77.0	119.8
8.75°	26.6	27.3	28.8	30.2	31.6	33.1	34.7	40.0	57.3	90.9	140.4
7.5°	26.7	27.6	29.1	30.5	32.0	33.4	35.7	42.4	65.3	105.2	162.3
6.25°	26.8	27.9	29.4	30.8	32.3	33.6	36.6	45.5	74.9	119.9	181.7
5°	26.9	28.1	29.6	31.1	32.5	33.9	37.6	50.8	83.2	132.2	197.8
3.75°	26.9	28.3	29.8	31.3	32.7	34.1	38.9	55.1	89.6	141.8	213.8
2.5°	27.0	28.4	29.9	31.4	32.9	34.5	39.8	58.1	94.3	150.1	225.5
1.25°	27.0	28.5	30.0	31.5	33.0	34.7	40.3	59.9	97.1	155.3	232.6
0°	27.0	28.5	30.0	31.5	33.0	34.7	40.3	59.9	97.1	155.3	232.6
-1.25°	27.0	28.4	29.9	31.4	32.9	34.5	39.8	58.1	94.3	150.1	225.5
-2.5°	27.0	28.4	29.9	31.4	32.9	34.5	39.8	58.1	94.3	150.1	225.5
-3.75°	26.9	28.3	29.8	31.3	32.7	34.1	38.9	55.1	89.6	141.8	213.8
-5°	26.9	28.1	29.6	31.1	32.5	33.9	37.6	50.8	83.2	132.2	197.8
-6.25°	26.8	27.9	29.4	30.8	32.3	33.6	36.6	45.5	74.9	119.9	181.7
-7.5°	26.7	27.6	29.1	30.5	32.0	33.4	35.7	42.4	65.3	105.2	162.3
-8.75°	26.6	27.3	28.8	30.2	31.6	33.1	34.7	40.0	57.3	90.9	140.4
-10°	26.5	27.0	28.4	29.8	31.2	32.6	33.9	37.3	48.3	77.0	119.8
-11.25°	26.4	26.9	28.0	29.4	30.8	32.2	33.5	35.8	42.1	62.9	97.2
-12.5°	26.2	26.7	27.5	28.9	30.3	31.6	33.0	34.4	38.6	51.3	79.4
-13.75°	26.1	26.5	27.0	28.4	29.7	31.1	32.4	33.6	36.0	42.3	62.0
-15°	26.0	26.4	26.8	27.8	29.1	30.4	31.7	33.0	34.3	38.0	47.9
-16.25°	26.0	26.2	26.6	27.2	28.5	29.8	31.1	32.3	33.5	35.5	40.5
-17.5°	26.0	26.0	26.4	26.8	27.8	29.1	30.3	31.6	32.8	33.8	36.3
-18.75°	26.0	26.0	26.2	26.6	27.1	28.3	29.6	30.8	31.9	33.1	34.1
-20°	26.0	26.0	26.0	26.4	26.8	27.6	28.8	29.9	31.1	32.2	33.2
-21.25°	26.0	26.0	26.0	26.1	26.5	26.9	27.9	29.1	30.2	31.3	32.3



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	26.0	26.0	26.0	26.0	26.3	26.6	27.0	28.1	29.2	30.3	31.3
-23.75°	26.0	26.0	26.0	26.0	26.0	26.3	26.7	27.2	28.3	29.3	30.3
-25°	26.0	26.0	26.0	26.0	26.0	26.0	26.4	26.7	27.3	28.3	29.2
-26.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.4	26.7	27.2	28.1
-27.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.4	26.7	27.0
-28.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.3	26.6
-30°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.3
-31.25°	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-32.5°	25.0	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-33.75°	24.3	25.0	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-35°	23.7	24.3	25.0	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-36.25°	23.1	23.7	24.3	24.9	25.4	26.0	26.0	26.0	26.0	26.0	26.0
-37.5°	22.4	23.0	23.6	24.2	24.7	25.3	25.8	26.0	26.0	26.0	26.0
-38.75°	21.9	22.3	22.9	23.5	24.0	24.5	25.0	25.5	26.0	26.0	26.0
-40°	21.5	21.8	22.2	22.7	23.2	23.8	24.2	24.7	25.2	25.6	26.0
-41.25°	21.2	21.5	21.7	22.0	22.5	23.0	23.5	23.9	24.4	24.8	25.2
-42.5°	20.9	21.1	21.4	21.6	21.9	22.2	22.7	23.1	23.5	24.0	24.3
-43.75°	20.5	20.8	21.0	21.3	21.5	21.7	21.9	22.3	22.7	23.1	23.5
-45°	20.2	20.4	20.6	20.9	21.1	21.3	21.5	21.7	21.9	22.3	22.6
-46.25°	20.0	20.0	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.9
-47.5°	20.0	20.0	20.0	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.4
-48.75°	20.0	20.0	20.0	20.0	20.0	20.1	20.3	20.5	20.7	20.8	21.0
-50°	19.7	19.9	20.0	20.0	20.0	20.0	20.0	20.1	20.3	20.4	20.6
-51.25°	19.3	19.5	19.7	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.1
-52.5°	18.9	19.2	19.4	19.5	19.7	19.9	20.0	20.0	20.0	20.0	20.0
-53.75°	18.2	18.6	18.9	19.1	19.3	19.5	19.7	19.8	20.0	20.0	20.0
-55°	17.4	17.8	18.1	18.5	18.8	19.1	19.2	19.4	19.5	19.7	19.8
-56.25°	16.8	17.0	17.4	17.7	18.0	18.3	18.6	18.9	19.1	19.2	19.4
-57.5°	16.4	16.6	16.8	16.9	17.2	17.5	17.8	18.0	18.3	18.6	18.8
-58.75°	16.1	16.2	16.4	16.5	16.7	16.8	17.0	17.2	17.4	17.7	17.9
-60°	15.0	15.5	15.9	16.1	16.3	16.4	16.5	16.7	16.8	16.9	17.0
-61.25°	13.8	14.3	14.7	15.1	15.5	15.9	16.1	16.2	16.3	16.4	16.6
-62.5°	12.7	13.1	13.5	13.9	14.3	14.7	15.0	15.4	15.7	16.0	16.1
-63.75°	11.5	11.9	12.3	12.7	13.0	13.4	13.7	14.0	14.4	14.7	14.9
-65°	10.3	10.7	11.1	11.4	11.8	12.1	12.4	12.7	13.0	13.3	13.6
-66.25°	9.4	9.7	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.2
-67.5°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8
-68.75°	7.9	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.3	9.5	9.7
-70°	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.6	8.7
-71.25°	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7	7.8	7.8	7.9
-72.5°	6.7	6.8	6.9	7.0	7.0	7.1	7.2	7.3	7.3	7.4	7.5
-73.75°	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.9	6.9	7.0
-75°	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.4	6.4	6.5	6.5
-76.25°	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1
-77.5°	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2
-80°	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7
-81.25°	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2
-82.5°	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.8
-83.75°	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3
-85°	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
-86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
83.75°	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5
82.5°	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0
81.25°	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.5
80°	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0
78.75°	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4
77.5°	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9
76.25°	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4
75°	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9
73.75°	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.4
72.5°	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9
71.25°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.8	8.8
70°	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.7	9.8
68.75°	9.8	9.9	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.1	11.2
67.5°	11.1	11.3	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.6	12.7
66.25°	12.5	12.7	12.9	13.1	13.3	13.5	13.6	13.8	13.9	14.0	14.1
65°	13.8	14.1	14.3	14.5	14.7	14.9	15.1	15.2	15.4	15.5	15.6
63.75°	15.2	15.5	15.7	15.9	16.1	16.1	16.2	16.2	16.3	16.3	16.4
62.5°	16.2	16.3	16.4	16.5	16.5	16.6	16.7	16.7	16.8	16.8	16.9
61.25°	16.7	16.7	16.8	16.9	17.0	17.1	17.3	17.4	17.5	17.6	17.7
60°	17.2	17.4	17.6	17.8	17.9	18.1	18.2	18.4	18.5	18.6	18.7
58.75°	18.1	18.3	18.5	18.7	18.9	19.0	19.1	19.2	19.2	19.3	19.3
57.5°	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.7	19.8	19.8
56.25°	19.5	19.6	19.7	19.8	19.9	20.0	20.0	20.0	20.0	20.0	20.0
55°	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
53.75°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.1	20.2	20.2	20.3
52.5°	20.0	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.7	20.8
51.25°	20.3	20.4	20.5	20.7	20.8	20.9	21.0	21.1	21.1	21.2	21.3
50°	20.7	20.9	21.0	21.1	21.2	21.4	21.5	21.5	21.6	21.7	21.8
48.75°	21.2	21.3	21.5	21.6	21.7	21.8	21.9	22.1	22.2	22.4	22.5
47.5°	21.6	21.8	21.9	22.1	22.3	22.6	22.8	23.0	23.2	23.4	23.5
46.25°	22.1	22.4	22.7	23.0	23.3	23.5	23.8	24.0	24.2	24.3	24.5
45°	23.0	23.3	23.6	23.9	24.2	24.5	24.7	24.9	25.1	25.3	25.5
43.75°	23.9	24.2	24.5	24.8	25.1	25.4	25.6	25.9	26.0	26.0	26.0
42.5°	24.7	25.1	25.4	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0
41.25°	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
40°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
38.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
37.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
36.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1
35°	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.2	26.4	26.5	26.6



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	26.0	26.0	26.0	26.0	26.2	26.4	26.5	26.7	26.9	27.0	27.3
32.5°	26.0	26.0	26.2	26.4	26.6	26.8	27.0	27.5	28.0	28.4	28.8
31.25°	26.1	26.4	26.6	26.8	27.2	27.8	28.4	28.9	29.4	29.8	30.2
30°	26.5	26.8	27.1	27.8	28.5	29.1	29.7	30.3	30.8	31.2	31.6
28.75°	26.9	27.6	28.3	29.1	29.8	30.4	31.1	31.6	32.2	32.6	33.1
27.5°	27.9	28.8	29.6	30.3	31.1	31.7	32.4	33.0	33.5	33.9	34.7
26.25°	29.1	29.9	30.8	31.6	32.3	33.0	33.6	34.4	35.8	37.3	40.0
25°	30.2	31.1	31.9	32.8	33.5	34.3	36.0	38.6	42.1	48.3	57.3
23.75°	31.3	32.2	33.1	33.8	35.5	38.0	42.3	51.3	62.9	77.0	90.9
22.5°	32.3	33.2	34.1	36.3	40.5	47.9	62.0	79.4	97.2	119.8	140.4
21.25°	33.3	34.4	36.9	42.1	54.5	72.1	93.6	120.2	147.4	177.4	205.9
20°	34.4	37.1	43.0	58.6	80.2	106.4	138.1	173.9	211.0	251.7	291.3
18.75°	36.9	43.0	59.9	84.2	115.2	151.9	193.2	241.5	291.0	341.1	392.2
17.5°	42.1	58.6	84.2	118.1	159.4	206.6	262.2	322.1	383.9	446.3	507.5
16.25°	54.5	80.2	115.2	159.4	211.6	273.0	341.0	414.6	488.8	561.0	632.2
15°	72.1	106.4	151.9	206.6	273.0	347.4	430.1	515.2	600.4	683.4	761.9
13.75°	93.6	138.1	193.2	262.2	341.0	430.1	524.1	620.4	715.7	806.9	894.2
12.5°	120.2	173.9	241.5	322.1	414.6	515.2	620.4	726.6	830.6	931.7	1031.5
11.25°	147.4	211.0	291.0	383.9	488.8	600.4	715.7	830.6	945.1	1059.8	1170.6
10°	177.4	251.7	341.1	446.3	561.0	683.4	806.9	931.7	1059.8	1186.2	1311.5
8.75°	205.9	291.3	392.2	507.5	632.2	761.9	894.2	1031.5	1170.6	1311.5	1454.6
7.5°	236.7	329.3	439.7	562.8	696.6	833.8	976.3	1124.5	1276.4	1434.2	1598.1
6.25°	263.1	363.4	483.3	614.7	754.0	898.0	1050.4	1208.0	1374.2	1550.5	1737.9
5°	287.5	395.5	520.7	658.1	802.3	953.9	1115.0	1283.2	1463.0	1657.3	1868.7
3.75°	307.7	420.9	550.3	692.9	842.1	1000.1	1167.0	1343.8	1537.2	1750.7	1981.6
2.5°	322.3	439.2	572.5	718.7	871.1	1033.7	1205.3	1391.3	1595.3	1822.6	2067.0
1.25°	331.1	450.3	586.6	734.3	888.6	1054.1	1230.0	1420.6	1631.0	1867.0	2121.0
0°	334.0	454.0	591.3	739.5	894.5	1061.0	1238.3	1430.5	1643.0	1882.0	2139.5
-1.25°	331.1	450.3	586.6	734.3	888.6	1054.1	1230.0	1420.6	1631.0	1867.0	2121.0
-2.5°	322.3	439.2	572.5	718.7	871.1	1033.7	1205.3	1391.3	1595.3	1822.6	2067.0
-3.75°	307.7	420.9	550.3	692.9	842.1	1000.1	1167.0	1343.8	1537.2	1750.7	1981.6
-5°	287.5	395.5	520.7	658.1	802.3	953.9	1115.0	1283.2	1463.0	1657.3	1868.7
-6.25°	263.1	363.4	483.3	614.7	754.0	898.0	1050.4	1208.0	1374.2	1550.5	1737.9
-7.5°	236.7	329.3	439.7	562.8	696.6	833.8	976.3	1124.5	1276.4	1434.2	1598.1
-8.75°	205.9	291.3	392.2	507.5	632.2	761.9	894.2	1031.5	1170.6	1311.5	1454.6
-10°	177.4	251.7	341.1	446.3	561.0	683.4	806.9	931.7	1059.8	1186.2	1311.5
-11.25°	147.4	211.0	291.0	383.9	488.8	600.4	715.7	830.6	945.1	1059.8	1170.6
-12.5°	120.2	173.9	241.5	322.1	414.6	515.2	620.4	726.6	830.6	931.7	1031.5
-13.75°	93.6	138.1	193.2	262.2	341.0	430.1	524.1	620.4	715.7	806.9	894.2
-15°	72.1	106.4	151.9	206.6	273.0	347.4	430.1	515.2	600.4	683.4	761.9
-16.25°	54.5	80.2	115.2	159.4	211.6	273.0	341.0	414.6	488.8	561.0	632.2
-17.5°	42.1	58.6	84.2	118.1	159.4	206.6	262.2	322.1	383.9	446.3	507.5
-18.75°	36.9	43.0	59.9	84.2	115.2	151.9	193.2	241.5	291.0	341.1	392.2
-20°	34.4	37.1	43.0	58.6	80.2	106.4	138.1	173.9	211.0	251.7	291.3
-21.25°	33.3	34.4	36.9	42.1	54.5	72.1	93.6	120.2	147.4	177.4	205.9



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	32.3	33.2	34.1	36.3	40.5	47.9	62.0	79.4	97.2	119.8	140.4
-23.75°	31.3	32.2	33.1	33.8	35.5	38.0	42.3	51.3	62.9	77.0	90.9
-25°	30.2	31.1	31.9	32.8	33.5	34.3	36.0	38.6	42.1	48.3	57.3
-26.25°	29.1	29.9	30.8	31.6	32.3	33.0	33.6	34.4	35.8	37.3	40.0
-27.5°	27.9	28.8	29.6	30.3	31.1	31.7	32.4	33.0	33.5	33.9	34.7
-28.75°	26.9	27.6	28.3	29.1	29.8	30.4	31.1	31.6	32.2	32.6	33.1
-30°	26.5	26.8	27.1	27.8	28.5	29.1	29.7	30.3	30.8	31.2	31.6
-31.25°	26.1	26.4	26.6	26.8	27.2	27.8	28.4	28.9	29.4	29.8	30.2
-32.5°	26.0	26.0	26.2	26.4	26.6	26.8	27.0	27.5	28.0	28.4	28.8
-33.75°	26.0	26.0	26.0	26.0	26.2	26.4	26.5	26.7	26.9	27.0	27.3
-35°	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.2	26.4	26.5	26.6
-36.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1
-37.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-38.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-40°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-41.25°	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-42.5°	24.7	25.1	25.4	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-43.75°	23.9	24.2	24.5	24.8	25.1	25.4	25.6	25.9	26.0	26.0	26.0
-45°	23.0	23.3	23.6	23.9	24.2	24.5	24.7	24.9	25.1	25.3	25.5
-46.25°	22.1	22.4	22.7	23.0	23.3	23.5	23.8	24.0	24.2	24.3	24.5
-47.5°	21.6	21.8	21.9	22.1	22.3	22.6	22.8	23.0	23.2	23.4	23.5
-48.75°	21.2	21.3	21.5	21.6	21.7	21.8	21.9	22.1	22.2	22.4	22.5
-50°	20.7	20.9	21.0	21.1	21.2	21.4	21.5	21.5	21.6	21.7	21.8
-51.25°	20.3	20.4	20.5	20.7	20.8	20.9	21.0	21.1	21.1	21.2	21.3
-52.5°	20.0	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.7	20.8
-53.75°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.1	20.2	20.2	20.3
-55°	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
-56.25°	19.5	19.6	19.7	19.8	19.9	20.0	20.0	20.0	20.0	20.0	20.0
-57.5°	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.7	19.8	19.8
-58.75°	18.1	18.3	18.5	18.7	18.9	19.0	19.1	19.2	19.2	19.3	19.3
-60°	17.2	17.4	17.6	17.8	17.9	18.1	18.2	18.4	18.5	18.6	18.7
-61.25°	16.7	16.7	16.8	16.9	17.0	17.1	17.3	17.4	17.5	17.6	17.7
-62.5°	16.2	16.3	16.4	16.5	16.5	16.6	16.7	16.7	16.8	16.8	16.9
-63.75°	15.2	15.5	15.7	15.9	16.1	16.1	16.2	16.2	16.3	16.3	16.4
-65°	13.8	14.1	14.3	14.5	14.7	14.9	15.1	15.2	15.4	15.5	15.6
-66.25°	12.5	12.7	12.9	13.1	13.3	13.5	13.6	13.8	13.9	14.0	14.1
-67.5°	11.1	11.3	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.6	12.7
-68.75°	9.8	9.9	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.1	11.2
-70°	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.7	9.8
-71.25°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.8	8.8
-72.5°	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9
-73.75°	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.4
-75°	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9
-76.25°	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4
-77.5°	5.7	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4
-80°	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0
-81.25°	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.5
-82.5°	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0
-83.75°	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5
-85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
-86.25°	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
81.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
78.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
77.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
76.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
75°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
73.75°	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
72.5°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
71.25°	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
70°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
68.75°	11.3	11.3	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.4
67.5°	12.8	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9
66.25°	14.2	14.3	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.4	14.4
65°	15.7	15.8	15.9	15.9	16.0	16.0	16.0	16.0	16.0	15.9	15.9
63.75°	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
62.5°	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
61.25°	17.8	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.9
60°	18.8	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
58.75°	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.4
57.5°	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9
56.25°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
55°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
53.75°	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.4
52.5°	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.9
51.25°	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4
50°	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.9
48.75°	22.7	22.8	22.8	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.8
47.5°	23.6	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.8
46.25°	24.6	24.7	24.8	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.8
45°	25.6	25.7	25.8	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.8
43.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
42.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
41.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
40°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
38.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
37.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
36.25°	26.2	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.4	26.4
35°	26.7	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.9



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	27.6	27.9	28.1	28.3	28.4	28.5	28.5	28.5	28.4	28.3	28.1
32.5°	29.1	29.4	29.6	29.8	29.9	30.0	30.0	30.0	29.9	29.8	29.6
31.25°	30.5	30.8	31.1	31.3	31.4	31.5	31.5	31.5	31.4	31.3	31.1
30°	32.0	32.3	32.5	32.7	32.9	33.0	33.0	33.0	32.9	32.7	32.5
28.75°	33.4	33.6	33.9	34.1	34.5	34.7	34.7	34.7	34.5	34.1	33.9
27.5°	35.7	36.6	37.6	38.9	39.8	40.3	40.5	40.3	39.8	38.9	37.6
26.25°	42.4	45.5	50.8	55.1	58.1	59.9	60.5	59.9	58.1	55.1	50.8
25°	65.3	74.9	83.2	89.6	94.3	97.1	98.0	97.1	94.3	89.6	83.2
23.75°	105.2	119.9	132.2	141.8	150.1	155.3	157.0	155.3	150.1	141.8	132.2
22.5°	162.3	181.7	197.8	213.8	225.5	232.6	235.0	232.6	225.5	213.8	197.8
21.25°	236.7	263.1	287.5	307.7	322.3	331.1	334.0	331.1	322.3	307.7	287.5
20°	329.3	363.4	395.5	420.9	439.2	450.3	454.0	450.3	439.2	420.9	395.5
18.75°	439.7	483.3	520.7	550.3	572.5	586.6	591.3	586.6	572.5	550.3	520.7
17.5°	562.8	614.7	658.1	692.9	718.7	734.3	739.5	734.3	718.7	692.9	658.1
16.25°	696.6	754.0	802.3	842.1	871.1	888.6	894.5	888.6	871.1	842.1	802.3
15°	833.8	898.0	953.9	1000.1	1033.7	1054.1	1061.0	1054.1	1033.7	1000.1	953.9
13.75°	976.3	1050.4	1115.0	1167.0	1205.3	1230.0	1238.3	1230.0	1205.3	1167.0	1115.0
12.5°	1124.5	1208.0	1283.2	1343.8	1391.3	1420.6	1430.5	1420.6	1391.3	1343.8	1283.2
11.25°	1276.4	1374.2	1463.0	1537.2	1595.3	1631.0	1643.0	1631.0	1595.3	1537.2	1463.0
10°	1434.2	1550.5	1657.3	1750.7	1822.6	1867.0	1882.0	1867.0	1822.6	1750.7	1657.3
8.75°	1598.1	1737.9	1868.7	1981.6	2067.0	2121.0	2139.5	2121.0	2067.0	1981.6	1868.7
7.5°	1766.7	1933.0	2085.8	2217.1	2316.6	2377.6	2398.5	2377.6	2316.6	2217.1	2085.8
6.25°	1933.0	2122.7	2297.5	2442.2	2552.2	2621.0	2644.8	2621.0	2552.2	2442.2	2297.5
5°	2085.8	2297.5	2486.5	2645.3	2762.9	2836.9	2863.0	2836.9	2762.9	2645.3	2486.5
3.75°	2217.1	2442.2	2645.3	2811.8	2936.6	3017.7	3042.3	3017.7	2936.6	2811.8	2645.3
2.5°	2316.6	2552.2	2762.9	2936.6	3068.3	3150.8	3176.5	3150.8	3068.3	2936.6	2762.9
1.25°	2377.6	2621.0	2836.9	3017.7	3150.8	3234.9	3268.0	3234.9	3150.8	3017.7	2836.9
0°	2398.5	2644.8	2863.0	3042.3	3176.5	3268.0	3307.0	3268.0	3176.5	3042.3	2863.0
-1.25°	2377.6	2621.0	2836.9	3017.7	3150.8	3234.9	3268.0	3234.9	3150.8	3017.7	2836.9
-2.5°	2316.6	2552.2	2762.9	2936.6	3068.3	3150.8	3176.5	3150.8	3068.3	2936.6	2762.9
-3.75°	2217.1	2442.2	2645.3	2811.8	2936.6	3017.7	3042.3	3017.7	2936.6	2811.8	2645.3
-5°	2085.8	2297.5	2486.5	2645.3	2762.9	2836.9	2863.0	2836.9	2762.9	2645.3	2486.5
-6.25°	1933.0	2122.7	2297.5	2442.2	2552.2	2621.0	2644.8	2621.0	2552.2	2442.2	2297.5
-7.5°	1766.7	1933.0	2085.8	2217.1	2316.6	2377.6	2398.5	2377.6	2316.6	2217.1	2085.8
-8.75°	1598.1	1737.9	1868.7	1981.6	2067.0	2121.0	2139.5	2121.0	2067.0	1981.6	1868.7
-10°	1434.2	1550.5	1657.3	1750.7	1822.6	1867.0	1882.0	1867.0	1822.6	1750.7	1657.3
-11.25°	1276.4	1374.2	1463.0	1537.2	1595.3	1631.0	1643.0	1631.0	1595.3	1537.2	1463.0
-12.5°	1124.5	1208.0	1283.2	1343.8	1391.3	1420.6	1430.5	1420.6	1391.3	1343.8	1283.2
-13.75°	976.3	1050.4	1115.0	1167.0	1205.3	1230.0	1238.3	1230.0	1205.3	1167.0	1115.0
-15°	833.8	898.0	953.9	1000.1	1033.7	1054.1	1061.0	1054.1	1033.7	1000.1	953.9
-16.25°	696.6	754.0	802.3	842.1	871.1	888.6	894.5	888.6	871.1	842.1	802.3
-17.5°	562.8	614.7	658.1	692.9	718.7	734.3	739.5	734.3	718.7	692.9	658.1
-18.75°	439.7	483.3	520.7	550.3	572.5	586.6	591.3	586.6	572.5	550.3	520.7
-20°	329.3	363.4	395.5	420.9	439.2	450.3	454.0	450.3	439.2	420.9	395.5
-21.25°	236.7	263.1	287.5	307.7	322.3	331.1	334.0	331.1	322.3	307.7	287.5



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	162.3	181.7	197.8	213.8	225.5	232.6	235.0	232.6	225.5	213.8	197.8
-23.75°	105.2	119.9	132.2	141.8	150.1	155.3	157.0	155.3	150.1	141.8	132.2
-25°	65.3	74.9	83.2	89.6	94.3	97.1	98.0	97.1	94.3	89.6	83.2
-26.25°	42.4	45.5	50.8	55.1	58.1	59.9	60.5	59.9	58.1	55.1	50.8
-27.5°	35.7	36.6	37.6	38.9	39.8	40.3	40.5	40.3	39.8	38.9	37.6
-28.75°	33.4	33.6	33.9	34.1	34.5	34.7	34.8	34.7	34.5	34.1	33.9
-30°	32.0	32.3	32.5	32.7	32.9	33.0	33.0	33.0	32.9	32.7	32.5
-31.25°	30.5	30.8	31.1	31.3	31.4	31.5	31.5	31.5	31.4	31.3	31.1
-32.5°	29.1	29.4	29.6	29.8	29.9	30.0	30.0	30.0	29.9	29.8	29.6
-33.75°	27.6	27.9	28.1	28.3	28.4	28.5	28.5	28.5	28.4	28.3	28.1
-35°	26.7	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.9
-36.25°	26.2	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.4	26.4
-37.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-38.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-40°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-41.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-42.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-43.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-45°	25.6	25.7	25.8	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.8
-46.25°	24.6	24.7	24.8	24.9	25.0	25.0	25.0	25.0	25.0	24.9	24.8
-47.5°	23.6	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.8
-48.75°	22.7	22.8	22.8	22.9	23.0	23.0	23.0	23.0	23.0	22.9	22.8
-50°	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.9
-51.25°	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.4
-52.5°	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.9
-53.75°	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.4
-55°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
-56.25°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
-57.5°	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9
-58.75°	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.4
-60°	18.8	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
-61.25°	17.8	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.9
-62.5°	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
-63.75°	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
-65°	15.7	15.8	15.9	15.9	16.0	16.0	16.0	16.0	16.0	15.9	15.9
-66.25°	14.2	14.3	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.4	14.4
-67.5°	12.8	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9
-68.75°	11.3	11.3	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.4	11.4
-70°	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-71.25°	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9
-72.5°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-73.75°	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
-75°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-76.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-77.5°	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-80°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-81.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-83.75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
83.75°	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4
82.5°	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8
81.25°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3
80°	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8
78.75°	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
77.5°	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7
76.25°	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2
75°	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
73.75°	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.1
72.5°	8.0	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6
71.25°	8.9	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.4	8.3	8.2
70°	9.9	9.9	9.8	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.1
68.75°	11.3	11.3	11.2	11.1	11.0	10.9	10.7	10.6	10.4	10.3	10.1
67.5°	12.8	12.8	12.7	12.6	12.5	12.3	12.2	12.0	11.9	11.7	11.5
66.25°	14.3	14.2	14.1	14.0	13.9	13.8	13.6	13.5	13.3	13.1	12.9
65°	15.8	15.7	15.6	15.5	15.4	15.2	15.1	14.9	14.7	14.5	14.3
63.75°	16.4	16.4	16.4	16.3	16.3	16.2	16.2	16.1	16.1	15.9	15.7
62.5°	16.9	16.9	16.9	16.8	16.8	16.7	16.7	16.6	16.5	16.5	16.4
61.25°	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.1	17.0	16.9	16.8
60°	18.8	18.8	18.7	18.6	18.5	18.4	18.2	18.1	17.9	17.8	17.6
58.75°	19.4	19.4	19.3	19.3	19.2	19.2	19.1	19.0	18.9	18.7	18.5
57.5°	19.9	19.9	19.8	19.8	19.7	19.7	19.6	19.5	19.4	19.3	19.2
56.25°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.8	19.7
55°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
53.75°	20.4	20.4	20.3	20.2	20.2	20.1	20.0	20.0	20.0	20.0	20.0
52.5°	20.9	20.8	20.8	20.7	20.7	20.6	20.5	20.4	20.3	20.2	20.1
51.25°	21.4	21.3	21.3	21.2	21.1	21.1	21.0	20.9	20.8	20.7	20.5
50°	21.9	21.8	21.8	21.7	21.6	21.5	21.5	21.4	21.2	21.1	21.0
48.75°	22.8	22.7	22.5	22.4	22.2	22.1	21.9	21.8	21.7	21.6	21.5
47.5°	23.8	23.6	23.5	23.4	23.2	23.0	22.8	22.6	22.3	22.1	21.9
46.25°	24.7	24.6	24.5	24.3	24.2	24.0	23.8	23.5	23.3	23.0	22.7
45°	25.7	25.6	25.5	25.3	25.1	24.9	24.7	24.5	24.2	23.9	23.6
43.75°	26.0	26.0	26.0	26.0	26.0	25.9	25.6	25.4	25.1	24.8	24.5
42.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.4
41.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
40°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
38.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
37.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
36.25°	26.3	26.2	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
35°	26.8	26.7	26.6	26.5	26.4	26.2	26.1	26.0	26.0	26.0	26.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	27.9	27.6	27.3	27.0	26.9	26.7	26.5	26.4	26.2	26.0	26.0
32.5°	29.4	29.1	28.8	28.4	28.0	27.5	27.0	26.8	26.6	26.4	26.2
31.25°	30.8	30.5	30.2	29.8	29.4	28.9	28.4	27.8	27.2	26.8	26.6
30°	32.3	32.0	31.6	31.2	30.8	30.3	29.7	29.1	28.5	27.8	27.1
28.75°	33.6	33.4	33.1	32.6	32.2	31.6	31.1	30.4	29.8	29.1	28.3
27.5°	36.6	35.7	34.7	33.9	33.5	33.0	32.4	31.7	31.1	30.3	29.6
26.25°	45.5	42.4	40.0	37.3	35.8	34.4	33.6	33.0	32.3	31.6	30.8
25°	74.9	65.3	57.3	48.3	42.1	38.6	36.0	34.3	33.5	32.8	31.9
23.75°	119.9	105.2	90.9	77.0	62.9	51.3	42.3	38.0	35.5	33.8	33.1
22.5°	181.7	162.3	140.4	119.8	97.2	79.4	62.0	47.9	40.5	36.3	34.1
21.25°	263.1	236.7	205.9	177.4	147.4	120.2	93.6	72.1	54.5	42.1	36.9
20°	363.4	329.3	291.3	251.7	211.0	173.9	138.1	106.4	80.2	58.6	43.0
18.75°	483.3	439.7	392.2	341.1	291.0	241.5	193.2	151.9	115.2	84.2	59.9
17.5°	614.7	562.8	507.5	446.3	383.9	322.1	262.2	206.6	159.4	118.1	84.2
16.25°	754.0	696.6	632.2	561.0	488.8	414.6	341.0	273.0	211.6	159.4	115.2
15°	898.0	833.8	761.9	683.4	600.4	515.2	430.1	347.4	273.0	206.6	151.9
13.75°	1050.4	976.3	894.2	806.9	715.7	620.4	524.1	430.1	341.0	262.2	193.2
12.5°	1208.0	1124.5	1031.5	931.7	830.6	726.6	620.4	515.2	414.6	322.1	241.5
11.25°	1374.2	1276.4	1170.6	1059.8	945.1	830.6	715.7	600.4	488.8	383.9	291.0
10°	1550.5	1434.2	1311.5	1186.2	1059.8	931.7	806.9	683.4	561.0	446.3	341.1
8.75°	1737.9	1598.1	1454.6	1311.5	1170.6	1031.5	894.2	761.9	632.2	507.5	392.2
7.5°	1933.0	1766.7	1598.1	1434.2	1276.4	1124.5	976.3	833.8	696.6	562.8	439.7
6.25°	2122.7	1933.0	1737.9	1550.5	1374.2	1208.0	1050.4	898.0	754.0	614.7	483.3
5°	2297.5	2085.8	1868.7	1657.3	1463.0	1283.2	1115.0	953.9	802.3	658.1	520.7
3.75°	2442.2	2217.1	1981.6	1750.7	1537.2	1343.8	1167.0	1000.1	842.1	692.9	550.3
2.5°	2552.2	2316.6	2067.0	1822.6	1595.3	1391.3	1205.3	1033.7	871.1	718.7	572.5
1.25°	2621.0	2377.6	2121.0	1867.0	1631.0	1420.6	1230.0	1054.1	888.6	734.3	586.6
0°	2644.8	2398.5	2139.5	1882.0	1643.0	1430.5	1238.3	1061.0	894.5	739.5	591.3
-1.25°	2621.0	2377.6	2121.0	1867.0	1631.0	1420.6	1230.0	1054.1	888.6	734.3	586.6
-2.5°	2552.2	2316.6	2067.0	1822.6	1595.3	1391.3	1205.3	1033.7	871.1	718.7	572.5
-3.75°	2442.2	2217.1	1981.6	1750.7	1537.2	1343.8	1167.0	1000.1	842.1	692.9	550.3
-5°	2297.5	2085.8	1868.7	1657.3	1463.0	1283.2	1115.0	953.9	802.3	658.1	520.7
-6.25°	2122.7	1933.0	1737.9	1550.5	1374.2	1208.0	1050.4	898.0	754.0	614.7	483.3
-7.5°	1933.0	1766.7	1598.1	1434.2	1276.4	1124.5	976.3	833.8	696.6	562.8	439.7
-8.75°	1737.9	1598.1	1454.6	1311.5	1170.6	1031.5	894.2	761.9	632.2	507.5	392.2
-10°	1550.5	1434.2	1311.5	1186.2	1059.8	931.7	806.9	683.4	561.0	446.3	341.1
-11.25°	1374.2	1276.4	1170.6	1059.8	945.1	830.6	715.7	600.4	488.8	383.9	291.0
-12.5°	1208.0	1124.5	1031.5	931.7	830.6	726.6	620.4	515.2	414.6	322.1	241.5
-13.75°	1050.4	976.3	894.2	806.9	715.7	620.4	524.1	430.1	341.0	262.2	193.2
-15°	898.0	833.8	761.9	683.4	600.4	515.2	430.1	347.4	273.0	206.6	151.9
-16.25°	754.0	696.6	632.2	561.0	488.8	414.6	341.0	273.0	211.6	159.4	115.2
-17.5°	614.7	562.8	507.5	446.3	383.9	322.1	262.2	206.6	159.4	118.1	84.2
-18.75°	483.3	439.7	392.2	341.1	291.0	241.5	193.2	151.9	115.2	84.2	59.9
-20°	363.4	329.3	291.3	251.7	211.0	173.9	138.1	106.4	80.2	58.6	43.0
-21.25°	263.1	236.7	205.9	177.4	147.4	120.2	93.6	72.1	54.5	42.1	36.9



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	181.7	162.3	140.4	119.8	97.2	79.4	62.0	47.9	40.5	36.3	34.1
-23.75°	119.9	105.2	90.9	77.0	62.9	51.3	42.3	38.0	35.5	33.8	33.1
-25°	74.9	65.3	57.3	48.3	42.1	38.6	36.0	34.3	33.5	32.8	31.9
-26.25°	45.5	42.4	40.0	37.3	35.8	34.4	33.6	33.0	32.3	31.6	30.8
-27.5°	36.6	35.7	34.7	33.9	33.5	33.0	32.4	31.7	31.1	30.3	29.6
-28.75°	33.6	33.4	33.1	32.6	32.2	31.6	31.1	30.4	29.8	29.1	28.3
-30°	32.3	32.0	31.6	31.2	30.8	30.3	29.7	29.1	28.5	27.8	27.1
-31.25°	30.8	30.5	30.2	29.8	29.4	28.9	28.4	27.8	27.2	26.8	26.6
-32.5°	29.4	29.1	28.8	28.4	28.0	27.5	27.0	26.8	26.6	26.4	26.2
-33.75°	27.9	27.6	27.3	27.0	26.9	26.7	26.5	26.4	26.2	26.0	26.0
-35°	26.8	26.7	26.6	26.5	26.4	26.2	26.1	26.0	26.0	26.0	26.0
-36.25°	26.3	26.2	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-37.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-38.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-40°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-41.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-42.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	25.4
-43.75°	26.0	26.0	26.0	26.0	26.0	25.9	25.6	25.4	25.1	24.8	24.5
-45°	25.7	25.6	25.5	25.3	25.1	24.9	24.7	24.5	24.2	23.9	23.6
-46.25°	24.7	24.6	24.5	24.3	24.2	24.0	23.8	23.5	23.3	23.0	22.7
-47.5°	23.8	23.6	23.5	23.4	23.2	23.0	22.8	22.6	22.3	22.1	21.9
-48.75°	22.8	22.7	22.5	22.4	22.2	22.1	21.9	21.8	21.7	21.6	21.5
-50°	21.9	21.8	21.8	21.7	21.6	21.5	21.5	21.4	21.2	21.1	21.0
-51.25°	21.4	21.3	21.3	21.2	21.1	21.1	21.0	20.9	20.8	20.7	20.5
-52.5°	20.9	20.8	20.8	20.7	20.7	20.6	20.5	20.4	20.3	20.2	20.1
-53.75°	20.4	20.4	20.3	20.2	20.2	20.1	20.0	20.0	20.0	20.0	20.0
-55°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
-56.25°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.8	19.7
-57.5°	19.9	19.9	19.8	19.8	19.7	19.7	19.6	19.5	19.4	19.3	19.2
-58.75°	19.4	19.4	19.3	19.3	19.2	19.2	19.1	19.0	18.9	18.7	18.5
-60°	18.8	18.8	18.7	18.6	18.5	18.4	18.2	18.1	17.9	17.8	17.6
-61.25°	17.9	17.8	17.7	17.6	17.5	17.4	17.3	17.1	17.0	16.9	16.8
-62.5°	16.9	16.9	16.9	16.8	16.8	16.7	16.7	16.6	16.5	16.5	16.4
-63.75°	16.4	16.4	16.4	16.3	16.3	16.2	16.2	16.1	16.1	15.9	15.7
-65°	15.8	15.7	15.6	15.5	15.4	15.2	15.1	14.9	14.7	14.5	14.3
-66.25°	14.3	14.2	14.1	14.0	13.9	13.8	13.6	13.5	13.3	13.1	12.9
-67.5°	12.8	12.8	12.7	12.6	12.5	12.3	12.2	12.0	11.9	11.7	11.5
-68.75°	11.3	11.3	11.2	11.1	11.0	10.9	10.7	10.6	10.4	10.3	10.1
-70°	9.9	9.9	9.8	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.1
-71.25°	8.9	8.9	8.8	8.8	8.7	8.6	8.6	8.5	8.4	8.3	8.2
-72.5°	8.0	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6
-73.75°	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2	7.1
-75°	7.0	6.9	6.9	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
-76.25°	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2
-77.5°	6.0	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
-80°	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8
-81.25°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3
-82.5°	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.8
-83.75°	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-86.25°	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
83.75°	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1
82.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
81.25°	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9
80°	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4
78.75°	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8
77.5°	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2
76.25°	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6
75°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.2	6.1	6.0
73.75°	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.5	6.5
72.5°	7.6	7.5	7.5	7.4	7.3	7.3	7.2	7.1	7.0	7.0	6.9
71.25°	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.3
70°	9.0	8.9	8.7	8.6	8.4	8.3	8.1	8.0	7.9	7.8	7.7
68.75°	9.9	9.8	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2
67.5°	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3	9.1
66.25°	12.7	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.2	9.9
65°	14.1	13.8	13.6	13.3	13.0	12.7	12.4	12.1	11.8	11.4	11.1
63.75°	15.5	15.2	14.9	14.7	14.4	14.0	13.7	13.4	13.0	12.7	12.3
62.5°	16.3	16.2	16.1	16.0	15.7	15.4	15.0	14.7	14.3	13.9	13.5
61.25°	16.7	16.7	16.6	16.4	16.3	16.2	16.1	15.9	15.5	15.1	14.7
60°	17.4	17.2	17.0	16.9	16.8	16.7	16.5	16.4	16.3	16.1	15.9
58.75°	18.3	18.1	17.9	17.7	17.4	17.2	17.0	16.8	16.7	16.5	16.4
57.5°	19.1	19.0	18.8	18.6	18.3	18.0	17.8	17.5	17.2	16.9	16.8
56.25°	19.6	19.5	19.4	19.2	19.1	18.9	18.6	18.3	18.0	17.7	17.4
55°	20.0	19.9	19.8	19.7	19.5	19.4	19.2	19.1	18.8	18.5	18.1
53.75°	20.0	20.0	20.0	20.0	20.0	19.8	19.7	19.5	19.3	19.1	18.9
52.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.7	19.5	19.4
51.25°	20.4	20.3	20.1	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.7
50°	20.9	20.7	20.6	20.4	20.3	20.1	20.0	20.0	20.0	20.0	20.0
48.75°	21.3	21.2	21.0	20.8	20.7	20.5	20.3	20.1	20.0	20.0	20.0
47.5°	21.8	21.6	21.4	21.3	21.1	20.9	20.7	20.5	20.3	20.1	20.0
46.25°	22.4	22.1	21.9	21.7	21.5	21.3	21.1	20.9	20.7	20.5	20.3
45°	23.3	23.0	22.6	22.3	21.9	21.7	21.5	21.3	21.1	20.9	20.6
43.75°	24.2	23.9	23.5	23.1	22.7	22.3	21.9	21.7	21.5	21.3	21.0
42.5°	25.1	24.7	24.3	24.0	23.5	23.1	22.7	22.2	21.9	21.6	21.4
41.25°	26.0	25.6	25.2	24.8	24.4	23.9	23.5	23.0	22.5	22.0	21.7
40°	26.0	26.0	26.0	25.6	25.2	24.7	24.2	23.8	23.2	22.7	22.2
38.75°	26.0	26.0	26.0	26.0	26.0	25.5	25.0	24.5	24.0	23.5	22.9
37.5°	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.3	24.7	24.2	23.6
36.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.4	24.9	24.3
35°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.6	25.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.6
32.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
31.25°	26.4	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
30°	26.8	26.5	26.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
28.75°	27.6	26.9	26.6	26.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
27.5°	28.8	27.9	27.0	26.7	26.4	26.1	26.0	26.0	26.0	26.0	26.0
26.25°	29.9	29.1	28.1	27.2	26.7	26.4	26.1	26.0	26.0	26.0	26.0
25°	31.1	30.2	29.2	28.3	27.3	26.7	26.4	26.0	26.0	26.0	26.0
23.75°	32.2	31.3	30.3	29.3	28.3	27.2	26.7	26.3	26.0	26.0	26.0
22.5°	33.2	32.3	31.3	30.3	29.2	28.1	27.0	26.6	26.3	26.0	26.0
21.25°	34.4	33.3	32.3	31.3	30.2	29.1	27.9	26.9	26.5	26.1	26.0
20°	37.1	34.4	33.2	32.2	31.1	29.9	28.8	27.6	26.8	26.4	26.0
18.75°	43.0	36.9	34.1	33.1	31.9	30.8	29.6	28.3	27.1	26.6	26.2
17.5°	58.6	42.1	36.3	33.8	32.8	31.6	30.3	29.1	27.8	26.8	26.4
16.25°	80.2	54.5	40.5	35.5	33.5	32.3	31.1	29.8	28.5	27.2	26.6
15°	106.4	72.1	47.9	38.0	34.3	33.0	31.7	30.4	29.1	27.8	26.8
13.75°	138.1	93.6	62.0	42.3	36.0	33.6	32.4	31.1	29.7	28.4	27.0
12.5°	173.9	120.2	79.4	51.3	38.6	34.4	33.0	31.6	30.3	28.9	27.5
11.25°	211.0	147.4	97.2	62.9	42.1	35.8	33.5	32.2	30.8	29.4	28.0
10°	251.7	177.4	119.8	77.0	48.3	37.3	33.9	32.6	31.2	29.8	28.4
8.75°	291.3	205.9	140.4	90.9	57.3	40.0	34.7	33.1	31.6	30.2	28.8
7.5°	329.3	236.7	162.3	105.2	65.3	42.4	35.7	33.4	32.0	30.5	29.1
6.25°	363.4	263.1	181.7	119.9	74.9	45.5	36.6	33.6	32.3	30.8	29.4
5°	395.5	287.5	197.8	132.2	83.2	50.8	37.6	33.9	32.5	31.1	29.6
3.75°	420.9	307.7	213.8	141.8	89.6	55.1	38.9	34.1	32.7	31.3	29.8
2.5°	439.2	322.3	225.5	150.1	94.3	58.1	39.8	34.5	32.9	31.4	29.9
1.25°	450.3	331.1	232.6	155.3	97.1	59.9	40.3	34.7	33.0	31.5	30.0
0°	454.0	334.0	235.0	157.0	98.0	60.5	40.5	34.8	33.0	31.5	30.0
-1.25°	450.3	331.1	232.6	155.3	97.1	59.9	40.3	34.7	33.0	31.5	30.0
-2.5°	439.2	322.3	225.5	150.1	94.3	58.1	39.8	34.5	32.9	31.4	29.9
-3.75°	420.9	307.7	213.8	141.8	89.6	55.1	38.9	34.1	32.7	31.3	29.8
-5°	395.5	287.5	197.8	132.2	83.2	50.8	37.6	33.9	32.5	31.1	29.6
-6.25°	363.4	263.1	181.7	119.9	74.9	45.5	36.6	33.6	32.3	30.8	29.4
-7.5°	329.3	236.7	162.3	105.2	65.3	42.4	35.7	33.4	32.0	30.5	29.1
-8.75°	291.3	205.9	140.4	90.9	57.3	40.0	34.7	33.1	31.6	30.2	28.8
-10°	251.7	177.4	119.8	77.0	48.3	37.3	33.9	32.6	31.2	29.8	28.4
-11.25°	211.0	147.4	97.2	62.9	42.1	35.8	33.5	32.2	30.8	29.4	28.0
-12.5°	173.9	120.2	79.4	51.3	38.6	34.4	33.0	31.6	30.3	28.9	27.5
-13.75°	138.1	93.6	62.0	42.3	36.0	33.6	32.4	31.1	29.7	28.4	27.0
-15°	106.4	72.1	47.9	38.0	34.3	33.0	31.7	30.4	29.1	27.8	26.8
-16.25°	80.2	54.5	40.5	35.5	33.5	32.3	31.1	29.8	28.5	27.2	26.6
-17.5°	58.6	42.1	36.3	33.8	32.8	31.6	30.3	29.1	27.8	26.8	26.4
-18.75°	43.0	36.9	34.1	33.1	31.9	30.8	29.6	28.3	27.1	26.6	26.2
-20°	37.1	34.4	33.2	32.2	31.1	29.9	28.8	27.6	26.8	26.4	26.0
-21.25°	34.4	33.3	32.3	31.3	30.2	29.1	27.9	26.9	26.5	26.1	26.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	33.2	32.3	31.3	30.3	29.2	28.1	27.0	26.6	26.3	26.0	26.0
-23.75°	32.2	31.3	30.3	29.3	28.3	27.2	26.7	26.3	26.0	26.0	26.0
-25°	31.1	30.2	29.2	28.3	27.3	26.7	26.4	26.0	26.0	26.0	26.0
-26.25°	29.9	29.1	28.1	27.2	26.7	26.4	26.1	26.0	26.0	26.0	26.0
-27.5°	28.8	27.9	27.0	26.7	26.4	26.1	26.0	26.0	26.0	26.0	26.0
-28.75°	27.6	26.9	26.6	26.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-30°	26.8	26.5	26.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-31.25°	26.4	26.1	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-32.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
-33.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.6
-35°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.6	25.0
-36.25°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.4	24.9	24.3
-37.5°	26.0	26.0	26.0	26.0	26.0	26.0	25.8	25.3	24.7	24.2	23.6
-38.75°	26.0	26.0	26.0	26.0	26.0	25.5	25.0	24.5	24.0	23.5	22.9
-40°	26.0	26.0	26.0	25.6	25.2	24.7	24.2	23.8	23.2	22.7	22.2
-41.25°	26.0	25.6	25.2	24.8	24.4	23.9	23.5	23.0	22.5	22.0	21.7
-42.5°	25.1	24.7	24.3	24.0	23.5	23.1	22.7	22.2	21.9	21.6	21.4
-43.75°	24.2	23.9	23.5	23.1	22.7	22.3	21.9	21.7	21.5	21.3	21.0
-45°	23.3	23.0	22.6	22.3	21.9	21.7	21.5	21.3	21.1	20.9	20.6
-46.25°	22.4	22.1	21.9	21.7	21.5	21.3	21.1	20.9	20.7	20.5	20.3
-47.5°	21.8	21.6	21.4	21.3	21.1	20.9	20.7	20.5	20.3	20.1	20.0
-48.75°	21.3	21.2	21.0	20.8	20.7	20.5	20.3	20.1	20.0	20.0	20.0
-50°	20.9	20.7	20.6	20.4	20.3	20.1	20.0	20.0	20.0	20.0	20.0
-51.25°	20.4	20.3	20.1	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.7
-52.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.7	19.5	19.4
-53.75°	20.0	20.0	20.0	20.0	20.0	19.8	19.7	19.5	19.3	19.1	18.9
-55°	20.0	19.9	19.8	19.7	19.5	19.4	19.2	19.1	18.8	18.5	18.1
-56.25°	19.6	19.5	19.4	19.2	19.1	18.9	18.6	18.3	18.0	17.7	17.4
-57.5°	19.1	19.0	18.8	18.6	18.3	18.0	17.8	17.5	17.2	16.9	16.8
-58.75°	18.3	18.1	17.9	17.7	17.4	17.2	17.0	16.8	16.7	16.5	16.4
-60°	17.4	17.2	17.0	16.9	16.8	16.7	16.5	16.4	16.3	16.1	15.9
-61.25°	16.7	16.7	16.6	16.4	16.3	16.2	16.1	15.9	15.5	15.1	14.7
-62.5°	16.3	16.2	16.1	16.0	15.7	15.4	15.0	14.7	14.3	13.9	13.5
-63.75°	15.5	15.2	14.9	14.7	14.4	14.0	13.7	13.4	13.0	12.7	12.3
-65°	14.1	13.8	13.6	13.3	13.0	12.7	12.4	12.1	11.8	11.4	11.1
-66.25°	12.7	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.2	9.9
-67.5°	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3	9.1
-68.75°	9.9	9.8	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2
-70°	9.0	8.9	8.7	8.6	8.4	8.3	8.1	8.0	7.9	7.8	7.7
-71.25°	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.3
-72.5°	7.6	7.5	7.5	7.4	7.3	7.3	7.2	7.1	7.0	7.0	6.9
-73.75°	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.5	6.5
-75°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.2	6.1	6.0
-76.25°	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6
-77.5°	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.2



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.8	4.8
-80°	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.4	4.4
-81.25°	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9
-82.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-83.75°	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1
-85°	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4
-86.25°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
83.75°	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
82.5°	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1
81.25°	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4
80°	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8
78.75°	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.2	4.1
77.5°	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4
76.25°	5.6	5.5	5.4	5.3	5.3	5.2	5.1	5.0	5.0	4.9	4.8
75°	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
73.75°	6.4	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.5
72.5°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
71.25°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1
70°	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5
68.75°	8.0	7.9	7.8	7.7	7.6	7.4	7.3	7.2	7.1	6.9	6.8
67.5°	8.8	8.6	8.4	8.1	7.9	7.8	7.7	7.6	7.4	7.3	7.1
66.25°	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.9	7.8	7.6	7.5
65°	10.7	10.3	9.9	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.8
63.75°	11.9	11.5	11.1	10.7	10.2	9.8	9.5	9.2	8.9	8.6	8.2
62.5°	13.1	12.7	12.2	11.8	11.3	10.9	10.4	9.9	9.6	9.2	8.9
61.25°	14.3	13.8	13.4	12.9	12.4	11.9	11.4	10.9	10.4	9.9	9.5
60°	15.5	15.0	14.5	14.0	13.5	13.0	12.5	12.0	11.4	10.8	10.3
58.75°	16.2	16.1	15.7	15.2	14.6	14.1	13.5	13.0	12.4	11.8	11.2
57.5°	16.6	16.4	16.3	16.1	15.7	15.2	14.6	14.0	13.4	12.8	12.2
56.25°	17.0	16.8	16.6	16.5	16.3	16.1	15.6	15.0	14.4	13.8	13.1
55°	17.8	17.4	17.0	16.8	16.6	16.4	16.2	16.0	15.4	14.7	14.0
53.75°	18.6	18.2	17.8	17.4	17.0	16.8	16.6	16.3	16.1	15.7	15.0
52.5°	19.2	18.9	18.5	18.1	17.7	17.2	16.9	16.7	16.4	16.2	15.9
51.25°	19.5	19.3	19.1	18.8	18.4	17.9	17.5	17.0	16.8	16.5	16.3
50°	19.9	19.7	19.5	19.3	19.0	18.6	18.1	17.6	17.1	16.8	16.6
48.75°	20.0	20.0	19.8	19.6	19.4	19.1	18.8	18.3	17.8	17.2	16.9
47.5°	20.0	20.0	20.0	20.0	19.7	19.5	19.2	18.9	18.4	17.8	17.3
46.25°	20.0	20.0	20.0	20.0	20.0	19.8	19.5	19.3	19.0	18.4	17.9
45°	20.4	20.2	20.0	20.0	20.0	20.0	19.8	19.6	19.3	19.0	18.4
43.75°	20.8	20.5	20.3	20.0	20.0	20.0	20.0	19.9	19.6	19.3	19.0
42.5°	21.1	20.9	20.6	20.3	20.0	20.0	20.0	20.0	19.9	19.6	19.3
41.25°	21.5	21.2	20.9	20.6	20.4	20.1	20.0	20.0	20.0	19.8	19.5
40°	21.8	21.5	21.3	21.0	20.7	20.4	20.1	20.0	20.0	20.0	19.8
38.75°	22.3	21.9	21.6	21.3	21.0	20.7	20.4	20.0	20.0	20.0	20.0
37.5°	23.0	22.4	21.9	21.6	21.3	21.0	20.6	20.3	20.0	20.0	20.0
36.25°	23.7	23.1	22.5	21.9	21.6	21.3	20.9	20.6	20.3	20.0	20.0
35°	24.3	23.7	23.1	22.4	21.9	21.5	21.2	20.9	20.5	20.2	20.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	25.0	24.3	23.7	23.0	22.3	21.8	21.5	21.1	20.8	20.4	20.0
32.5°	25.6	25.0	24.3	23.6	22.9	22.2	21.7	21.4	21.0	20.6	20.3
31.25°	26.0	25.6	24.9	24.2	23.5	22.7	22.0	21.6	21.3	20.9	20.5
30°	26.0	26.0	25.4	24.7	24.0	23.2	22.5	21.9	21.5	21.1	20.7
28.75°	26.0	26.0	26.0	25.3	24.5	23.8	23.0	22.2	21.7	21.3	20.9
27.5°	26.0	26.0	26.0	25.8	25.0	24.2	23.5	22.7	21.9	21.5	21.1
26.25°	26.0	26.0	26.0	26.0	25.5	24.7	23.9	23.1	22.3	21.7	21.3
25°	26.0	26.0	26.0	26.0	26.0	25.2	24.4	23.5	22.7	21.9	21.5
23.75°	26.0	26.0	26.0	26.0	26.0	25.6	24.8	24.0	23.1	22.3	21.7
22.5°	26.0	26.0	26.0	26.0	26.0	26.0	25.2	24.3	23.5	22.6	21.9
21.25°	26.0	26.0	26.0	26.0	26.0	26.0	25.6	24.7	23.9	23.0	22.1
20°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.1	24.2	23.3	22.4
18.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.4	24.5	23.6	22.7
17.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	24.8	23.9	23.0
16.25°	26.2	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.1	24.2	23.3
15°	26.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.4	24.5	23.5
13.75°	26.5	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.6	24.7	23.8
12.5°	26.7	26.2	26.0	26.0	26.0	26.0	26.0	26.0	25.9	24.9	24.0
11.25°	26.9	26.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.1	24.2
10°	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.3	24.3
8.75°	27.3	26.6	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.5	24.5
7.5°	27.6	26.7	26.2	26.0	26.0	26.0	26.0	26.0	26.0	25.6	24.6
6.25°	27.9	26.8	26.3	26.0	26.0	26.0	26.0	26.0	26.0	25.7	24.7
5°	28.1	26.9	26.4	26.0	26.0	26.0	26.0	26.0	26.0	25.8	24.8
3.75°	28.3	26.9	26.4	26.0	26.0	26.0	26.0	26.0	26.0	25.9	24.9
2.5°	28.4	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0
1.25°	28.5	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0
0°	28.5	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0
-1.25°	28.5	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0
-2.5°	28.4	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.0
-3.75°	28.3	26.9	26.4	26.0	26.0	26.0	26.0	26.0	26.0	25.9	24.9
-5°	28.1	26.9	26.4	26.0	26.0	26.0	26.0	26.0	26.0	25.8	24.8
-6.25°	27.9	26.8	26.3	26.0	26.0	26.0	26.0	26.0	26.0	25.7	24.7
-7.5°	27.6	26.7	26.2	26.0	26.0	26.0	26.0	26.0	26.0	25.6	24.6
-8.75°	27.3	26.6	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.5	24.5
-10°	27.0	26.5	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.3	24.3
-11.25°	26.9	26.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.1	24.2
-12.5°	26.7	26.2	26.0	26.0	26.0	26.0	26.0	26.0	25.9	24.9	24.0
-13.75°	26.5	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.6	24.7	23.8
-15°	26.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.4	24.5	23.5
-16.25°	26.2	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.1	24.2	23.3
-17.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.7	24.8	23.9	23.0
-18.75°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.4	24.5	23.6	22.7
-20°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.1	24.2	23.3	22.4
-21.25°	26.0	26.0	26.0	26.0	26.0	26.0	25.6	24.7	23.9	23.0	22.1



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	26.0	26.0	26.0	26.0	26.0	26.0	25.2	24.3	23.5	22.6	21.9
-23.75°	26.0	26.0	26.0	26.0	26.0	25.6	24.8	24.0	23.1	22.3	21.7
-25°	26.0	26.0	26.0	26.0	26.0	25.2	24.4	23.5	22.7	21.9	21.5
-26.25°	26.0	26.0	26.0	26.0	25.5	24.7	23.9	23.1	22.3	21.7	21.3
-27.5°	26.0	26.0	26.0	25.8	25.0	24.2	23.5	22.7	21.9	21.5	21.1
-28.75°	26.0	26.0	26.0	25.3	24.5	23.8	23.0	22.2	21.7	21.3	20.9
-30°	26.0	26.0	25.4	24.7	24.0	23.2	22.5	21.9	21.5	21.1	20.7
-31.25°	26.0	25.6	24.9	24.2	23.5	22.7	22.0	21.6	21.3	20.9	20.5
-32.5°	25.6	25.0	24.3	23.6	22.9	22.2	21.7	21.4	21.0	20.6	20.3
-33.75°	25.0	24.3	23.7	23.0	22.3	21.8	21.5	21.1	20.8	20.4	20.0
-35°	24.3	23.7	23.1	22.4	21.9	21.5	21.2	20.9	20.5	20.2	20.0
-36.25°	23.7	23.1	22.5	21.9	21.6	21.3	20.9	20.6	20.3	20.0	20.0
-37.5°	23.0	22.4	21.9	21.6	21.3	21.0	20.6	20.3	20.0	20.0	20.0
-38.75°	22.3	21.9	21.6	21.3	21.0	20.7	20.4	20.0	20.0	20.0	20.0
-40°	21.8	21.5	21.3	21.0	20.7	20.4	20.1	20.0	20.0	20.0	19.8
-41.25°	21.5	21.2	20.9	20.6	20.4	20.1	20.0	20.0	20.0	19.8	19.5
-42.5°	21.1	20.9	20.6	20.3	20.0	20.0	20.0	20.0	19.9	19.6	19.3
-43.75°	20.8	20.5	20.3	20.0	20.0	20.0	20.0	19.9	19.6	19.3	19.0
-45°	20.4	20.2	20.0	20.0	20.0	20.0	19.8	19.6	19.3	19.0	18.4
-46.25°	20.0	20.0	20.0	20.0	20.0	19.8	19.5	19.3	19.0	18.4	17.9
-47.5°	20.0	20.0	20.0	20.0	19.7	19.5	19.2	18.9	18.4	17.8	17.3
-48.75°	20.0	20.0	19.8	19.6	19.4	19.1	18.8	18.3	17.8	17.2	16.9
-50°	19.9	19.7	19.5	19.3	19.0	18.6	18.1	17.6	17.1	16.8	16.6
-51.25°	19.5	19.3	19.1	18.8	18.4	17.9	17.5	17.0	16.8	16.5	16.3
-52.5°	19.2	18.9	18.5	18.1	17.7	17.2	16.9	16.7	16.4	16.2	15.9
-53.75°	18.6	18.2	17.8	17.4	17.0	16.8	16.6	16.3	16.1	15.7	15.0
-55°	17.8	17.4	17.0	16.8	16.6	16.4	16.2	16.0	15.4	14.7	14.0
-56.25°	17.0	16.8	16.6	16.5	16.3	16.1	15.6	15.0	14.4	13.8	13.1
-57.5°	16.6	16.4	16.3	16.1	15.7	15.2	14.6	14.0	13.4	12.8	12.2
-58.75°	16.2	16.1	15.7	15.2	14.6	14.1	13.5	13.0	12.4	11.8	11.2
-60°	15.5	15.0	14.5	14.0	13.5	13.0	12.5	12.0	11.4	10.8	10.3
-61.25°	14.3	13.8	13.4	12.9	12.4	11.9	11.4	10.9	10.4	9.9	9.5
-62.5°	13.1	12.7	12.2	11.8	11.3	10.9	10.4	9.9	9.6	9.2	8.9
-63.75°	11.9	11.5	11.1	10.7	10.2	9.8	9.5	9.2	8.9	8.6	8.2
-65°	10.7	10.3	9.9	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.8
-66.25°	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.9	7.8	7.6	7.5
-67.5°	8.8	8.6	8.4	8.1	7.9	7.8	7.7	7.6	7.4	7.3	7.1
-68.75°	8.0	7.9	7.8	7.7	7.6	7.4	7.3	7.2	7.1	6.9	6.8
-70°	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5
-71.25°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1
-72.5°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
-73.75°	6.4	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.5
-75°	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
-76.25°	5.6	5.5	5.4	5.3	5.3	5.2	5.1	5.0	5.0	4.9	4.8
-77.5°	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2	4.2	4.1
-80°	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.8
-81.25°	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4
-82.5°	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1
-83.75°	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5
-85°	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8
-86.25°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
81.25°	3.4	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.8	2.6	2.5
80°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.1	3.0
78.75°	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2
77.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5
76.25°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7
75°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
73.75°	5.4	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2
72.5°	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5
71.25°	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.0	4.8	4.7
70°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9
68.75°	6.7	6.5	6.4	6.2	6.1	6.0	5.8	5.6	5.5	5.3	5.2
67.5°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4
66.25°	7.3	7.2	7.0	6.8	6.7	6.5	6.3	6.2	6.0	5.8	5.6
65°	7.6	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.1	5.9
63.75°	8.0	7.8	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.1
62.5°	8.5	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3
61.25°	9.2	8.8	8.4	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
60°	9.8	9.4	9.0	8.6	8.2	7.9	7.7	7.5	7.2	7.0	6.8
58.75°	10.6	10.0	9.6	9.2	8.7	8.3	7.9	7.7	7.5	7.2	7.0
57.5°	11.5	10.9	10.2	9.7	9.3	8.8	8.4	7.9	7.7	7.5	7.2
56.25°	12.5	11.8	11.1	10.4	9.8	9.3	8.9	8.4	7.9	7.7	7.5
55°	13.4	12.7	12.0	11.2	10.5	9.9	9.4	8.9	8.4	7.9	7.7
53.75°	14.3	13.5	12.8	12.1	11.3	10.6	9.9	9.3	8.8	8.3	7.9
52.5°	15.1	14.4	13.6	12.9	12.1	11.3	10.5	9.8	9.3	8.7	8.2
51.25°	16.0	15.2	14.5	13.7	12.9	12.1	11.2	10.4	9.7	9.2	8.6
50°	16.3	16.0	15.3	14.5	13.6	12.8	12.0	11.1	10.2	9.6	9.0
48.75°	16.6	16.3	16.0	15.2	14.4	13.5	12.7	11.8	10.9	10.0	9.4
47.5°	16.9	16.6	16.3	16.0	15.1	14.3	13.4	12.5	11.5	10.6	9.8
46.25°	17.3	16.9	16.6	16.3	15.9	15.0	14.0	13.1	12.2	11.2	10.3
45°	17.8	17.2	16.8	16.5	16.2	15.7	14.7	13.8	12.8	11.8	10.8
43.75°	18.4	17.8	17.1	16.8	16.4	16.1	15.4	14.4	13.4	12.4	11.4
42.5°	18.9	18.3	17.6	17.0	16.7	16.3	16.0	15.0	14.0	13.0	12.0
41.25°	19.2	18.8	18.1	17.5	16.9	16.6	16.2	15.6	14.6	13.5	12.5
40°	19.5	19.1	18.6	17.9	17.2	16.8	16.4	16.1	15.2	14.1	13.0
38.75°	19.7	19.4	19.0	18.4	17.7	17.0	16.6	16.3	15.7	14.6	13.5
37.5°	20.0	19.6	19.3	18.8	18.1	17.4	16.8	16.5	16.1	15.2	14.0
36.25°	20.0	19.8	19.5	19.1	18.5	17.8	17.0	16.6	16.3	15.7	14.5
35°	20.0	20.0	19.7	19.3	18.9	18.2	17.4	16.8	16.4	16.1	15.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDGR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	20.0	20.0	19.9	19.5	19.2	18.6	17.8	17.0	16.6	16.2	15.5
32.5°	20.0	20.0	20.0	19.7	19.4	18.9	18.1	17.4	16.8	16.4	15.9
31.25°	20.1	20.0	20.0	19.9	19.5	19.1	18.5	17.7	16.9	16.5	16.1
30°	20.3	20.0	20.0	20.0	19.7	19.3	18.8	18.0	17.2	16.7	16.3
28.75°	20.5	20.1	20.0	20.0	19.9	19.5	19.1	18.3	17.5	16.8	16.4
27.5°	20.7	20.3	20.0	20.0	20.0	19.7	19.2	18.6	17.8	17.0	16.5
26.25°	20.9	20.5	20.1	20.0	20.0	19.8	19.4	18.9	18.0	17.2	16.7
25°	21.1	20.7	20.3	20.0	20.0	20.0	19.5	19.1	18.3	17.4	16.8
23.75°	21.3	20.8	20.4	20.0	20.0	20.0	19.7	19.2	18.6	17.7	16.9
22.5°	21.4	21.0	20.6	20.1	20.0	20.0	19.8	19.4	18.8	17.9	17.0
21.25°	21.6	21.2	20.7	20.3	20.0	20.0	19.9	19.5	19.0	18.1	17.2
20°	21.8	21.3	20.9	20.4	20.0	20.0	20.0	19.6	19.1	18.3	17.4
18.75°	21.9	21.5	21.0	20.5	20.1	20.0	20.0	19.7	19.2	18.5	17.6
17.5°	22.1	21.6	21.1	20.7	20.2	20.0	20.0	19.8	19.3	18.7	17.8
16.25°	22.3	21.7	21.2	20.8	20.3	20.0	20.0	19.9	19.4	18.9	17.9
15°	22.6	21.8	21.4	20.9	20.4	20.0	20.0	20.0	19.5	19.0	18.1
13.75°	22.8	21.9	21.5	21.0	20.5	20.0	20.0	20.0	19.6	19.1	18.2
12.5°	23.0	22.1	21.5	21.1	20.6	20.1	20.0	20.0	19.7	19.2	18.4
11.25°	23.2	22.2	21.6	21.1	20.7	20.2	20.0	20.0	19.7	19.2	18.5
10°	23.4	22.4	21.7	21.2	20.7	20.2	20.0	20.0	19.8	19.3	18.6
8.75°	23.5	22.5	21.8	21.3	20.8	20.3	20.0	20.0	19.8	19.3	18.7
7.5°	23.6	22.7	21.8	21.3	20.8	20.4	20.0	20.0	19.9	19.4	18.8
6.25°	23.8	22.8	21.9	21.4	20.9	20.4	20.0	20.0	19.9	19.4	18.8
5°	23.8	22.8	21.9	21.4	20.9	20.4	20.0	20.0	19.9	19.4	18.9
3.75°	23.9	22.9	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	18.9
2.5°	24.0	23.0	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	19.0
1.25°	24.0	23.0	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	19.0
0°	24.0	23.0	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	19.0
-1.25°	24.0	23.0	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	19.0
-2.5°	24.0	23.0	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	19.0
-3.75°	23.9	22.9	22.0	21.5	21.0	20.5	20.0	20.0	20.0	19.5	18.9
-5°	23.8	22.8	21.9	21.4	20.9	20.4	20.0	20.0	19.9	19.4	18.9
-6.25°	23.8	22.8	21.9	21.4	20.9	20.4	20.0	20.0	19.9	19.4	18.8
-7.5°	23.6	22.7	21.8	21.3	20.8	20.4	20.0	20.0	19.9	19.4	18.8
-8.75°	23.5	22.5	21.8	21.3	20.8	20.3	20.0	20.0	19.8	19.3	18.7
-10°	23.4	22.4	21.7	21.2	20.7	20.2	20.0	20.0	19.8	19.3	18.6
-11.25°	23.2	22.2	21.6	21.1	20.7	20.2	20.0	20.0	19.7	19.2	18.5
-12.5°	23.0	22.1	21.5	21.1	20.6	20.1	20.0	20.0	19.7	19.2	18.4
-13.75°	22.8	21.9	21.5	21.0	20.5	20.0	20.0	20.0	19.6	19.1	18.2
-15°	22.6	21.8	21.4	20.9	20.4	20.0	20.0	20.0	19.5	19.0	18.1
-16.25°	22.3	21.7	21.2	20.8	20.3	20.0	20.0	19.9	19.4	18.9	17.9
-17.5°	22.1	21.6	21.1	20.7	20.2	20.0	20.0	19.8	19.3	18.7	17.8
-18.75°	21.9	21.5	21.0	20.5	20.1	20.0	20.0	19.7	19.2	18.5	17.6
-20°	21.8	21.3	20.9	20.4	20.0	20.0	20.0	19.6	19.1	18.3	17.4
-21.25°	21.6	21.2	20.7	20.3	20.0	20.0	19.9	19.5	19.0	18.1	17.2



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	21.4	21.0	20.6	20.1	20.0	20.0	19.8	19.4	18.8	17.9	17.0
-23.75°	21.3	20.8	20.4	20.0	20.0	20.0	19.7	19.2	18.6	17.7	16.9
-25°	21.1	20.7	20.3	20.0	20.0	20.0	19.5	19.1	18.3	17.4	16.8
-26.25°	20.9	20.5	20.1	20.0	20.0	19.8	19.4	18.9	18.0	17.2	16.7
-27.5°	20.7	20.3	20.0	20.0	20.0	19.7	19.2	18.6	17.8	17.0	16.5
-28.75°	20.5	20.1	20.0	20.0	19.9	19.5	19.1	18.3	17.5	16.8	16.4
-30°	20.3	20.0	20.0	20.0	19.7	19.3	18.8	18.0	17.2	16.7	16.3
-31.25°	20.1	20.0	20.0	19.9	19.5	19.1	18.5	17.7	16.9	16.5	16.1
-32.5°	20.0	20.0	20.0	19.7	19.4	18.9	18.1	17.4	16.8	16.4	15.9
-33.75°	20.0	20.0	19.9	19.5	19.2	18.6	17.8	17.0	16.6	16.2	15.5
-35°	20.0	20.0	19.7	19.3	18.9	18.2	17.4	16.8	16.4	16.1	15.0
-36.25°	20.0	19.8	19.5	19.1	18.5	17.8	17.0	16.6	16.3	15.7	14.5
-37.5°	20.0	19.6	19.3	18.8	18.1	17.4	16.8	16.5	16.1	15.2	14.0
-38.75°	19.7	19.4	19.0	18.4	17.7	17.0	16.6	16.3	15.7	14.6	13.5
-40°	19.5	19.1	18.6	17.9	17.2	16.8	16.4	16.1	15.2	14.1	13.0
-41.25°	19.2	18.8	18.1	17.5	16.9	16.6	16.2	15.6	14.6	13.5	12.5
-42.5°	18.9	18.3	17.6	17.0	16.7	16.3	16.0	15.0	14.0	13.0	12.0
-43.75°	18.4	17.8	17.1	16.8	16.4	16.1	15.4	14.4	13.4	12.4	11.4
-45°	17.8	17.2	16.8	16.5	16.2	15.7	14.7	13.8	12.8	11.8	10.8
-46.25°	17.3	16.9	16.6	16.3	15.9	15.0	14.0	13.1	12.2	11.2	10.3
-47.5°	16.9	16.6	16.3	16.0	15.1	14.3	13.4	12.5	11.5	10.6	9.8
-48.75°	16.6	16.3	16.0	15.2	14.4	13.5	12.7	11.8	10.9	10.0	9.4
-50°	16.3	16.0	15.3	14.5	13.6	12.8	12.0	11.1	10.2	9.6	9.0
-51.25°	16.0	15.2	14.5	13.7	12.9	12.1	11.2	10.4	9.7	9.2	8.6
-52.5°	15.1	14.4	13.6	12.9	12.1	11.3	10.5	9.8	9.3	8.7	8.2
-53.75°	14.3	13.5	12.8	12.1	11.3	10.6	9.9	9.3	8.8	8.3	7.9
-55°	13.4	12.7	12.0	11.2	10.5	9.9	9.4	8.9	8.4	7.9	7.7
-56.25°	12.5	11.8	11.1	10.4	9.8	9.3	8.9	8.4	7.9	7.7	7.5
-57.5°	11.5	10.9	10.2	9.7	9.3	8.8	8.4	7.9	7.7	7.5	7.2
-58.75°	10.6	10.0	9.6	9.2	8.7	8.3	7.9	7.7	7.5	7.2	7.0
-60°	9.8	9.4	9.0	8.6	8.2	7.9	7.7	7.5	7.2	7.0	6.8
-61.25°	9.2	8.8	8.4	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
-62.5°	8.5	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3
-63.75°	8.0	7.8	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.1
-65°	7.6	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.1	5.9
-66.25°	7.3	7.2	7.0	6.8	6.7	6.5	6.3	6.2	6.0	5.8	5.6
-67.5°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.4
-68.75°	6.7	6.5	6.4	6.2	6.1	6.0	5.8	5.6	5.5	5.3	5.2
-70°	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.2	5.1	4.9
-71.25°	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.0	4.8	4.7
-72.5°	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5
-73.75°	5.4	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.2
-75°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
-76.25°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7
-77.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	4.0	4.0	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2
-80°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.1	3.0
-81.25°	3.4	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.8	2.6	2.5
-82.5°	3.0	2.9	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-83.75°	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
-85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0
-86.25°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
78.75°	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
77.5°	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8
76.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.5	2.3	2.1
75°	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.6	2.3
73.75°	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.6
72.5°	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	3.1	2.9
71.25°	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1
70°	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.4	3.2
68.75°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.5	3.3
67.5°	5.2	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6	3.5
66.25°	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6
65°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7
63.75°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.8
62.5°	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4	4.2	4.0
61.25°	6.4	6.1	5.9	5.7	5.5	5.2	5.0	4.8	4.6	4.3	4.1
60°	6.6	6.3	6.1	5.9	5.6	5.4	5.2	4.9	4.7	4.5	4.2
58.75°	6.8	6.5	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.6	4.3
57.5°	7.0	6.7	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.7	4.5
56.25°	7.2	6.9	6.7	6.4	6.2	5.9	5.6	5.4	5.1	4.8	4.6
55°	7.4	7.1	6.9	6.6	6.3	6.1	5.8	5.5	5.2	5.0	4.7
53.75°	7.6	7.3	7.1	6.8	6.5	6.2	6.0	5.7	5.4	5.1	4.8
52.5°	7.8	7.5	7.2	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9
51.25°	8.0	7.7	7.4	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0
50°	8.4	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.1
48.75°	8.8	8.2	7.8	7.5	7.2	6.8	6.5	6.2	5.9	5.6	5.3
47.5°	9.2	8.5	8.0	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.4
46.25°	9.5	8.9	8.2	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.5
45°	9.9	9.2	8.6	8.0	7.6	7.3	6.9	6.6	6.3	5.9	5.6
43.75°	10.4	9.6	8.9	8.2	7.8	7.4	7.1	6.7	6.4	6.0	5.7
42.5°	10.9	9.9	9.2	8.5	7.9	7.6	7.2	6.8	6.5	6.1	5.8
41.25°	11.4	10.4	9.5	8.8	8.1	7.7	7.3	7.0	6.6	6.2	5.9
40°	11.9	10.9	9.8	9.1	8.4	7.8	7.4	7.1	6.7	6.3	6.0
38.75°	12.4	11.3	10.2	9.4	8.6	7.9	7.6	7.2	6.8	6.4	6.0
37.5°	12.9	11.8	10.7	9.7	8.9	8.1	7.7	7.3	6.9	6.5	6.1
36.25°	13.4	12.2	11.1	9.9	9.2	8.4	7.8	7.4	7.0	6.6	6.2
35°	13.8	12.7	11.5	10.3	9.4	8.6	7.9	7.5	7.1	6.7	6.3



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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	14.3	13.1	11.9	10.7	9.7	8.8	8.0	7.6	7.2	6.8	6.4
32.5°	14.7	13.5	12.3	11.1	9.9	9.1	8.2	7.7	7.3	6.9	6.5
31.25°	15.1	13.9	12.7	11.4	10.2	9.3	8.4	7.8	7.4	7.0	6.5
30°	15.5	14.3	13.0	11.8	10.5	9.5	8.6	7.9	7.5	7.0	6.6
28.75°	15.9	14.7	13.4	12.1	10.8	9.7	8.8	8.0	7.5	7.1	6.7
27.5°	16.1	15.0	13.7	12.4	11.1	9.9	9.0	8.1	7.6	7.2	6.7
26.25°	16.2	15.4	14.0	12.7	11.4	10.1	9.2	8.3	7.7	7.3	6.8
25°	16.3	15.7	14.4	13.0	11.7	10.4	9.3	8.4	7.8	7.3	6.9
23.75°	16.4	16.0	14.7	13.3	12.0	10.6	9.5	8.6	7.8	7.4	6.9
22.5°	16.6	16.1	14.9	13.6	12.2	10.8	9.7	8.7	7.9	7.5	7.0
21.25°	16.7	16.2	15.2	13.8	12.5	11.1	9.8	8.9	8.0	7.5	7.0
20°	16.7	16.3	15.5	14.1	12.7	11.3	9.9	9.0	8.1	7.6	7.1
18.75°	16.8	16.4	15.7	14.3	12.9	11.5	10.1	9.1	8.2	7.6	7.1
17.5°	16.9	16.5	15.9	14.5	13.1	11.7	10.3	9.2	8.3	7.7	7.2
16.25°	17.0	16.5	16.1	14.7	13.3	11.9	10.4	9.3	8.4	7.7	7.2
15°	17.1	16.6	16.1	14.9	13.5	12.0	10.6	9.4	8.5	7.8	7.3
13.75°	17.3	16.7	16.2	15.1	13.6	12.2	10.7	9.5	8.6	7.8	7.3
12.5°	17.4	16.7	16.2	15.2	13.8	12.3	10.9	9.6	8.6	7.8	7.3
11.25°	17.5	16.8	16.3	15.4	13.9	12.5	11.0	9.7	8.7	7.9	7.4
10°	17.6	16.8	16.3	15.5	14.0	12.6	11.1	9.7	8.8	7.9	7.4
8.75°	17.7	16.9	16.4	15.6	14.1	12.7	11.2	9.8	8.8	7.9	7.4
7.5°	17.8	16.9	16.4	15.7	14.2	12.8	11.3	9.9	8.9	7.9	7.4
6.25°	17.9	16.9	16.4	15.8	14.3	12.8	11.3	9.9	8.9	8.0	7.5
5°	17.9	17.0	16.5	15.9	14.4	12.9	11.4	9.9	8.9	8.0	7.5
3.75°	17.9	17.0	16.5	15.9	14.4	12.9	11.4	10.0	9.0	8.0	7.5
2.5°	18.0	17.0	16.5	16.0	14.5	13.0	11.5	10.0	9.0	8.0	7.5
1.25°	18.0	17.0	16.5	16.0	14.5	13.0	11.5	10.0	9.0	8.0	7.5
0°	18.0	17.0	16.5	16.0	14.5	13.0	11.5	10.0	9.0	8.0	7.5
-1.25°	18.0	17.0	16.5	16.0	14.5	13.0	11.5	10.0	9.0	8.0	7.5
-2.5°	18.0	17.0	16.5	16.0	14.5	13.0	11.5	10.0	9.0	8.0	7.5
-3.75°	17.9	17.0	16.5	15.9	14.4	12.9	11.4	10.0	9.0	8.0	7.5
-5°	17.9	17.0	16.5	15.9	14.4	12.9	11.4	9.9	8.9	8.0	7.5
-6.25°	17.9	16.9	16.4	15.8	14.3	12.8	11.3	9.9	8.9	8.0	7.5
-7.5°	17.8	16.9	16.4	15.7	14.2	12.8	11.3	9.9	8.9	7.9	7.4
-8.75°	17.7	16.9	16.4	15.6	14.1	12.7	11.2	9.8	8.8	7.9	7.4
-10°	17.6	16.8	16.3	15.5	14.0	12.6	11.1	9.7	8.8	7.9	7.4
-11.25°	17.5	16.8	16.3	15.4	13.9	12.5	11.0	9.7	8.7	7.9	7.4
-12.5°	17.4	16.7	16.2	15.2	13.8	12.3	10.9	9.6	8.6	7.8	7.3
-13.75°	17.3	16.7	16.2	15.1	13.6	12.2	10.7	9.5	8.6	7.8	7.3
-15°	17.1	16.6	16.1	14.9	13.5	12.0	10.6	9.4	8.5	7.8	7.3
-16.25°	17.0	16.5	16.1	14.7	13.3	11.9	10.4	9.3	8.4	7.7	7.2
-17.5°	16.9	16.5	15.9	14.5	13.1	11.7	10.3	9.2	8.3	7.7	7.2
-18.75°	16.8	16.4	15.7	14.3	12.9	11.5	10.1	9.1	8.2	7.6	7.1
-20°	16.7	16.3	15.5	14.1	12.7	11.3	9.9	9.0	8.1	7.6	7.1
-21.25°	16.7	16.2	15.2	13.8	12.5	11.1	9.8	8.9	8.0	7.5	7.0



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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	16.6	16.1	14.9	13.6	12.2	10.8	9.7	8.7	7.9	7.5	7.0
-23.75°	16.4	16.0	14.7	13.3	12.0	10.6	9.5	8.6	7.8	7.4	6.9
-25°	16.3	15.7	14.4	13.0	11.7	10.4	9.3	8.4	7.8	7.3	6.9
-26.25°	16.2	15.4	14.0	12.7	11.4	10.1	9.2	8.3	7.7	7.3	6.8
-27.5°	16.1	15.0	13.7	12.4	11.1	9.9	9.0	8.1	7.6	7.2	6.7
-28.75°	15.9	14.7	13.4	12.1	10.8	9.7	8.8	8.0	7.5	7.1	6.7
-30°	15.5	14.3	13.0	11.8	10.5	9.5	8.6	7.9	7.5	7.0	6.6
-31.25°	15.1	13.9	12.7	11.4	10.2	9.3	8.4	7.8	7.4	7.0	6.5
-32.5°	14.7	13.5	12.3	11.1	9.9	9.1	8.2	7.7	7.3	6.9	6.5
-33.75°	14.3	13.1	11.9	10.7	9.7	8.8	8.0	7.6	7.2	6.8	6.4
-35°	13.8	12.7	11.5	10.3	9.4	8.6	7.9	7.5	7.1	6.7	6.3
-36.25°	13.4	12.2	11.1	9.9	9.2	8.4	7.8	7.4	7.0	6.6	6.2
-37.5°	12.9	11.8	10.7	9.7	8.9	8.1	7.7	7.3	6.9	6.5	6.1
-38.75°	12.4	11.3	10.2	9.4	8.6	7.9	7.6	7.2	6.8	6.4	6.0
-40°	11.9	10.9	9.8	9.1	8.4	7.8	7.4	7.1	6.7	6.3	6.0
-41.25°	11.4	10.4	9.5	8.8	8.1	7.7	7.3	7.0	6.6	6.2	5.9
-42.5°	10.9	9.9	9.2	8.5	7.9	7.6	7.2	6.8	6.5	6.1	5.8
-43.75°	10.4	9.6	8.9	8.2	7.8	7.4	7.1	6.7	6.4	6.0	5.7
-45°	9.9	9.2	8.6	8.0	7.6	7.3	6.9	6.6	6.3	5.9	5.6
-46.25°	9.5	8.9	8.2	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.5
-47.5°	9.2	8.5	8.0	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.4
-48.75°	8.8	8.2	7.8	7.5	7.2	6.8	6.5	6.2	5.9	5.6	5.3
-50°	8.4	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.1
-51.25°	8.0	7.7	7.4	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0
-52.5°	7.8	7.5	7.2	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9
-53.75°	7.6	7.3	7.1	6.8	6.5	6.2	6.0	5.7	5.4	5.1	4.8
-55°	7.4	7.1	6.9	6.6	6.3	6.1	5.8	5.5	5.2	5.0	4.7
-56.25°	7.2	6.9	6.7	6.4	6.2	5.9	5.6	5.4	5.1	4.8	4.6
-57.5°	7.0	6.7	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.7	4.5
-58.75°	6.8	6.5	6.3	6.1	5.8	5.6	5.3	5.1	4.8	4.6	4.3
-60°	6.6	6.3	6.1	5.9	5.6	5.4	5.2	4.9	4.7	4.5	4.2
-61.25°	6.4	6.1	5.9	5.7	5.5	5.2	5.0	4.8	4.6	4.3	4.1
-62.5°	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4	4.2	4.0
-63.75°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.8
-65°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7
-66.25°	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6
-67.5°	5.2	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.6	3.5
-68.75°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.5	3.3
-70°	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.5	3.4	3.2
-71.25°	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1
-72.5°	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	3.1	2.9
-73.75°	4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.6
-75°	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.6	2.3
-76.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.5	2.3	2.1
-77.5°	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8



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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5
-80°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
-81.25°	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0
-82.5°	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	1.0	0.9	0.8
-83.75°	1.4	1.3	1.2	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	6.0	5.6	5.1	4.7	4.3	3.9	3.5	3.1	2.3	1.5	0.8
32.5°	6.0	5.6	5.2	4.8	4.4	3.9	3.5	3.1	2.4	1.5	0.8
31.25°	6.1	5.7	5.3	4.8	4.4	4.0	3.6	3.1	2.4	1.6	0.9
30°	6.2	5.8	5.3	4.9	4.5	4.0	3.6	3.2	2.5	1.6	0.9
28.75°	6.2	5.8	5.4	4.9	4.5	4.1	3.6	3.2	2.5	1.6	0.9
27.5°	6.3	5.9	5.4	5.0	4.5	4.1	3.7	3.2	2.5	1.7	0.9
26.25°	6.4	5.9	5.5	5.0	4.6	4.1	3.7	3.2	2.6	1.7	0.9
25°	6.4	6.0	5.5	5.1	4.6	4.2	3.7	3.3	2.6	1.7	0.9
23.75°	6.5	6.0	5.6	5.1	4.7	4.2	3.7	3.3	2.7	1.7	0.9
22.5°	6.5	6.1	5.6	5.2	4.7	4.2	3.8	3.3	2.7	1.8	0.9
21.25°	6.6	6.1	5.7	5.2	4.7	4.3	3.8	3.3	2.7	1.8	0.9
20°	6.6	6.2	5.7	5.2	4.8	4.3	3.8	3.3	2.8	1.8	0.9
18.75°	6.7	6.2	5.7	5.3	4.8	4.3	3.8	3.4	2.8	1.8	0.9
17.5°	6.7	6.2	5.8	5.3	4.8	4.3	3.9	3.4	2.8	1.9	1.0
16.25°	6.8	6.3	5.8	5.3	4.8	4.4	3.9	3.4	2.8	1.9	1.0
15°	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4	2.9	1.9	1.0
13.75°	6.8	6.3	5.9	5.4	4.9	4.4	3.9	3.4	2.9	1.9	1.0
12.5°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	2.9	1.9	1.0
11.25°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.5	2.9	1.9	1.0
10°	6.9	6.4	5.9	5.4	4.9	4.4	4.0	3.5	2.9	2.0	1.0
8.75°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
7.5°	6.9	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
6.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
3.75°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
2.5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
1.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
0°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-1.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-2.5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-3.75°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-6.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-7.5°	6.9	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-8.75°	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.0	1.0
-10°	6.9	6.4	5.9	5.4	4.9	4.4	4.0	3.5	2.9	2.0	1.0
-11.25°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.5	2.9	1.9	1.0
-12.5°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	2.9	1.9	1.0
-13.75°	6.8	6.3	5.9	5.4	4.9	4.4	3.9	3.4	2.9	1.9	1.0
-15°	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4	2.9	1.9	1.0
-16.25°	6.8	6.3	5.8	5.3	4.8	4.4	3.9	3.4	2.8	1.9	1.0
-17.5°	6.7	6.2	5.8	5.3	4.8	4.3	3.9	3.4	2.8	1.9	1.0
-18.75°	6.7	6.2	5.7	5.3	4.8	4.3	3.8	3.4	2.8	1.8	0.9
-20°	6.6	6.2	5.7	5.2	4.8	4.3	3.8	3.3	2.8	1.8	0.9
-21.25°	6.6	6.1	5.7	5.2	4.7	4.3	3.8	3.3	2.7	1.8	0.9



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221146 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-S-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)