

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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-UNV**

Issue Date: 3/3/2020

Test Information

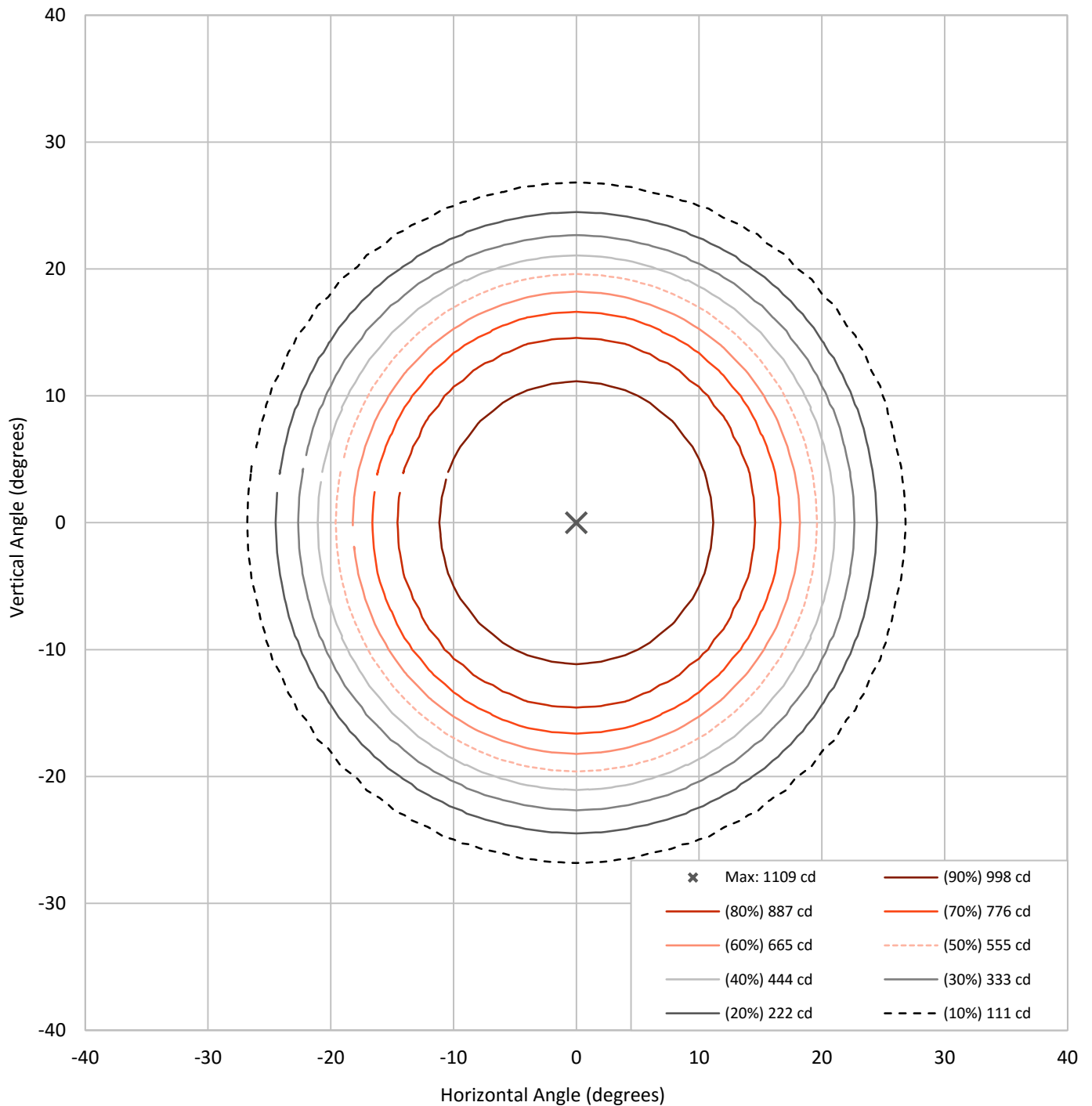
Test Method: LM-79-08
Report Number: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29544)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	488.5 lumens	Max Intensity:	1109 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	34.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	39.2°H x 39.2°V	Field Angle (10%):	53.4°H x 53.4°V
Beam Lumens:	324.5 lumens	Field Lumens:	415 lumens
Beam Efficiency:	66.4%	Field Efficiency:	85.0%
Input Watts (W):	14.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





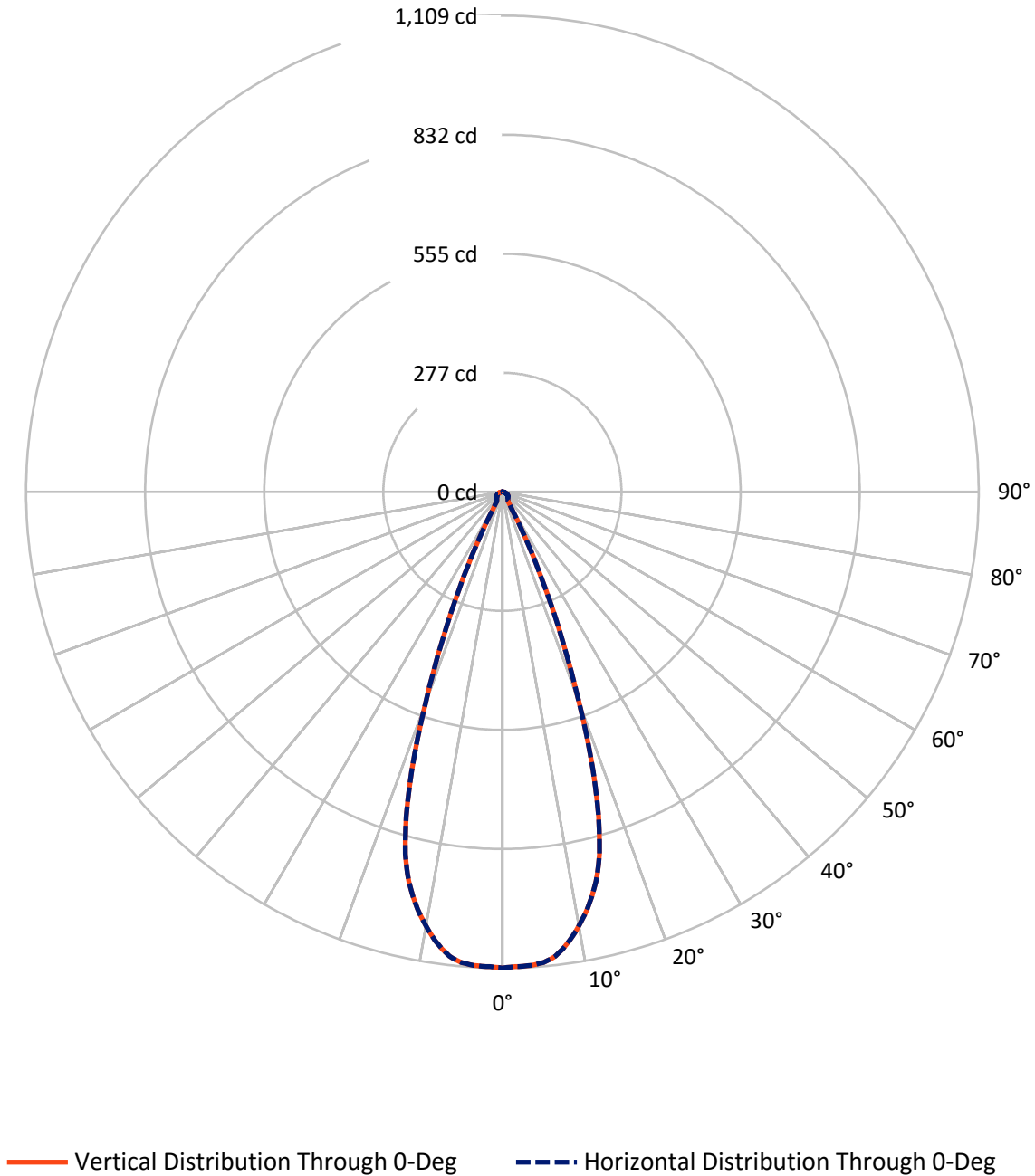
REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-UNV

Lumen Table

90	0.0	0.1	0.3	0.5	0.6	0.5	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.5	0.6	0.5	0.3	0.1	0.0										
70	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	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				
50	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1			
40		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1				
30	0.1	0.1	0.3	0.4	0.5	0.6	2.2	5.7	5.7	2.2	0.6	0.5	0.4	0.3	0.1	0.1			
20		0.1	0.3	0.4	0.5	2.1	13.0	23.7	23.7	13.0	2.1	0.5	0.4	0.3	0.1				
10	0.1	0.1	0.3	0.4	0.6	5.3	23.0	32.1	32.1	23.0	5.3	0.6	0.4	0.3	0.1	0.1			
0		0.1	0.3	0.4	0.6	5.3	23.0	32.1	32.1	23.0	5.3	0.6	0.4	0.3	0.1				
-10	0.1	0.1	0.3	0.4	0.6	5.3	23.0	32.1	32.1	23.0	5.3	0.6	0.4	0.3	0.1	0.1			
-20		0.1	0.3	0.4	0.6	5.3	23.0	32.1	32.1	23.0	5.3	0.6	0.4	0.3	0.1				
-30	0.1	0.1	0.3	0.4	0.5	0.6	2.2	5.7	5.7	2.2	0.6	0.5	0.4	0.3	0.1	0.1			
-40		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1				
-50	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1				
-70	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1			
-80		0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1				
-90	0.0	0.1	0.3	0.5	0.6	0.5	0.3	0.1	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

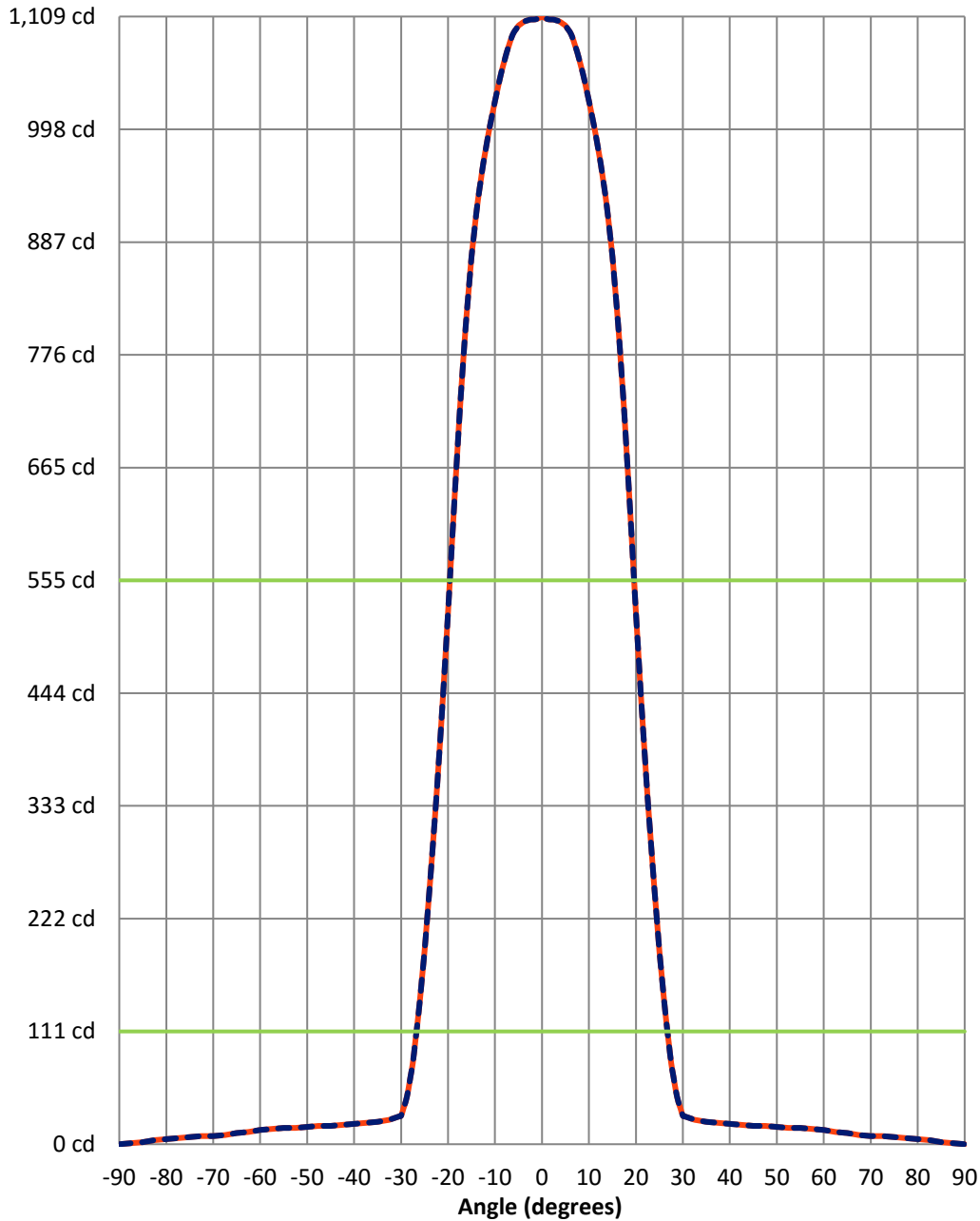
REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 39.2°
 V Angle: 39.2°
 Lumens: 324.5
 Efficiency: 66.4%

Field:
 H Angle: 53.4°
 V Angle: 53.4°
 Lumens: 415
 Efficiency: 85.0%

Spill:
 Lumens: 73.5
 Efficiency: 15.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.4	0.8	1.2	1.7	2.2	3.0	3.8	4.3	4.7	5.1
32.5°	0.0	0.4	0.8	1.3	1.7	2.2	3.1	3.9	4.4	4.8	5.2
31.25°	0.0	0.4	0.9	1.3	1.7	2.3	3.1	4.0	4.4	4.8	5.3
30°	0.0	0.4	0.9	1.3	1.7	2.3	3.2	4.0	4.5	4.9	5.3
28.75°	0.0	0.4	0.9	1.3	1.8	2.4	3.3	4.1	4.5	4.9	5.4
27.5°	0.0	0.4	0.9	1.3	1.8	2.4	3.3	4.1	4.5	5.0	5.4
26.25°	0.0	0.4	0.9	1.3	1.8	2.5	3.4	4.1	4.6	5.0	5.5
25°	0.0	0.5	0.9	1.4	1.8	2.5	3.4	4.2	4.6	5.1	5.5
23.75°	0.0	0.5	0.9	1.4	1.8	2.6	3.5	4.2	4.7	5.1	5.6
22.5°	0.0	0.5	0.9	1.4	1.8	2.6	3.5	4.2	4.7	5.2	5.6
21.25°	0.0	0.5	0.9	1.4	1.9	2.7	3.6	4.3	4.7	5.2	5.7
20°	0.0	0.5	0.9	1.4	1.9	2.7	3.6	4.3	4.8	5.2	5.7
18.75°	0.0	0.5	0.9	1.4	1.9	2.7	3.7	4.3	4.8	5.3	5.7
17.5°	0.0	0.5	1.0	1.4	1.9	2.8	3.7	4.3	4.8	5.3	5.8
16.25°	0.0	0.5	1.0	1.4	1.9	2.8	3.8	4.4	4.8	5.3	5.8
15°	0.0	0.5	1.0	1.4	1.9	2.8	3.8	4.4	4.9	5.3	5.8
13.75°	0.0	0.5	1.0	1.5	1.9	2.9	3.8	4.4	4.9	5.4	5.9
12.5°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.4	4.9	5.4	5.9
11.25°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.4	4.9	5.4	5.9
10°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.4	4.9	5.4	5.9
8.75°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.5	5.0	5.4	5.9
7.5°	0.0	0.5	1.0	1.5	2.0	3.0	3.9	4.5	5.0	5.5	6.0
6.25°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
3.75°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
2.5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
1.25°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
0°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
-1.25°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
-2.5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
-3.75°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
-5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
-6.25°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	5.5	6.0
-7.5°	0.0	0.5	1.0	1.5	2.0	3.0	3.9	4.5	5.0	5.5	6.0
-8.75°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.5	5.0	5.4	5.9
-10°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.4	4.9	5.4	5.9
-11.25°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.4	4.9	5.4	5.9
-12.5°	0.0	0.5	1.0	1.5	2.0	2.9	3.9	4.4	4.9	5.4	5.9
-13.75°	0.0	0.5	1.0	1.5	1.9	2.9	3.8	4.4	4.9	5.4	5.9
-15°	0.0	0.5	1.0	1.4	1.9	2.8	3.8	4.4	4.9	5.3	5.8
-16.25°	0.0	0.5	1.0	1.4	1.9	2.8	3.8	4.4	4.8	5.3	5.8
-17.5°	0.0	0.5	1.0	1.4	1.9	2.8	3.7	4.3	4.8	5.3	5.8
-18.75°	0.0	0.5	0.9	1.4	1.9	2.7	3.7	4.3	4.8	5.3	5.7
-20°	0.0	0.5	0.9	1.4	1.9	2.7	3.6	4.3	4.8	5.2	5.7
-21.25°	0.0	0.5	0.9	1.4	1.9	2.7	3.6	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	1.4	1.8	2.6	3.5	4.2	4.7	5.2	5.6
-23.75°	0.0	0.5	0.9	1.4	1.8	2.6	3.5	4.2	4.7	5.1	5.6
-25°	0.0	0.5	0.9	1.4	1.8	2.5	3.4	4.2	4.6	5.1	5.5
-26.25°	0.0	0.4	0.9	1.3	1.8	2.5	3.4	4.1	4.6	5.0	5.5
-27.5°	0.0	0.4	0.9	1.3	1.8	2.4	3.3	4.1	4.5	5.0	5.4
-28.75°	0.0	0.4	0.9	1.3	1.8	2.4	3.3	4.1	4.5	4.9	5.4
-30°	0.0	0.4	0.9	1.3	1.7	2.3	3.2	4.0	4.5	4.9	5.3
-31.25°	0.0	0.4	0.9	1.3	1.7	2.3	3.1	4.0	4.4	4.8	5.3
-32.5°	0.0	0.4	0.8	1.3	1.7	2.2	3.1	3.9	4.4	4.8	5.2
-33.75°	0.0	0.4	0.8	1.2	1.7	2.2	3.0	3.8	4.3	4.7	5.1
-35°	0.0	0.4	0.8	1.2	1.6	2.1	2.9	3.7	4.3	4.7	5.1
-36.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.8	3.6	4.2	4.6	5.0
-37.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.8	3.5	4.2	4.6	5.0
-38.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.7	3.5	4.1	4.5	4.9
-40°	0.0	0.4	0.8	1.1	1.5	1.9	2.6	3.4	4.1	4.4	4.8
-41.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.5	3.3	4.0	4.4	4.7
-42.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.4	3.2	3.9	4.3	4.7
-43.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	3.0	3.8	4.2	4.6
-45°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.9	3.6	4.2	4.5
-46.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.8	3.5	4.1	4.4
-47.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.7	3.4	4.0	4.4
-48.75°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.6	3.3	3.9	4.3
-50°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.5	3.1	3.8	4.2
-51.25°	0.0	0.3	0.6	0.9	1.3	1.6	1.9	2.4	3.0	3.6	4.1
-52.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.3	2.9	3.5	4.0
-53.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.7	3.3	3.9
-55°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.6	3.1	3.7
-56.25°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.4	3.0	3.5
-57.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.3	2.8	3.3
-58.75°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.6	3.2
-60°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.5	3.0
-61.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.3	2.8
-62.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.6
-63.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.4
-65°	0.0	0.2	0.4	0.6	0.8	1.1	1.3	1.5	1.7	1.9	2.2
-66.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-67.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-68.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-70°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-71.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
-72.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
-73.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.4
-75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
-76.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.2
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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	1.1
82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
81.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5
80°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
78.75°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
77.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.4
76.25°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.4	2.6	2.8
75°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.5	2.8	3.0	3.3
73.75°	1.5	1.7	1.8	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7
72.5°	1.6	1.8	1.9	2.2	2.4	2.7	3.0	3.3	3.6	3.8	4.1
71.25°	1.8	1.9	2.1	2.4	2.7	3.0	3.4	3.7	4.0	4.1	4.3
70°	1.9	2.1	2.4	2.7	3.0	3.4	3.7	4.0	4.2	4.3	4.5
68.75°	2.0	2.3	2.7	3.0	3.4	3.7	4.0	4.2	4.4	4.5	4.7
67.5°	2.2	2.5	2.9	3.3	3.7	4.0	4.2	4.4	4.5	4.7	4.9
66.25°	2.4	2.8	3.2	3.6	4.0	4.2	4.4	4.5	4.7	4.9	5.1
65°	2.6	3.0	3.4	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
63.75°	2.8	3.3	3.7	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
62.5°	3.0	3.5	3.9	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.7
61.25°	3.3	3.7	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.9
60°	3.5	3.9	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.9	6.1
58.75°	3.7	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	8.0
45°	4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.3	7.6	8.0	8.0
43.75°	5.0	5.3	5.7	6.0	6.4	6.7	7.1	7.4	7.8	8.0	8.0
42.5°	5.0	5.4	5.8	6.1	6.5	6.8	7.2	7.6	7.9	8.0	8.0
41.25°	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.0	8.0	8.0
40°	5.2	5.6	6.0	6.3	6.7	7.1	7.4	7.8	8.0	8.0	8.0
38.75°	5.3	5.7	6.0	6.4	6.8	7.2	7.6	7.9	8.0	8.0	8.1
37.5°	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.0	8.0	8.0	8.2
36.25°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.0	8.0	8.0	8.4
35°	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.0	8.0	8.1	8.5



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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	8.0	8.0	8.2	8.6
32.5°	5.6	6.0	6.5	6.9	7.3	7.7	8.0	8.0	8.0	8.4	8.8
31.25°	5.7	6.1	6.5	7.0	7.4	7.8	8.0	8.0	8.1	8.5	8.9
30°	5.8	6.2	6.6	7.0	7.5	7.9	8.0	8.0	8.2	8.6	9.0
28.75°	5.8	6.2	6.7	7.1	7.5	8.0	8.0	8.0	8.3	8.7	9.3
27.5°	5.9	6.3	6.7	7.2	7.6	8.0	8.0	8.0	8.4	8.8	9.5
26.25°	5.9	6.4	6.8	7.3	7.7	8.0	8.0	8.0	8.5	8.9	9.7
25°	6.0	6.4	6.9	7.3	7.8	8.0	8.0	8.1	8.6	9.0	9.9
23.75°	6.0	6.5	6.9	7.4	7.8	8.0	8.0	8.2	8.7	9.2	10.1
22.5°	6.1	6.5	7.0	7.5	7.9	8.0	8.0	8.3	8.7	9.4	10.3
21.25°	6.1	6.6	7.0	7.5	8.0	8.0	8.0	8.4	8.8	9.6	10.5
20°	6.2	6.6	7.1	7.6	8.0	8.0	8.0	8.4	8.9	9.7	10.6
18.75°	6.2	6.7	7.1	7.6	8.0	8.0	8.0	8.5	9.0	9.9	10.8
17.5°	6.2	6.7	7.2	7.7	8.0	8.0	8.1	8.6	9.1	10.0	11.0
16.25°	6.3	6.8	7.2	7.7	8.0	8.0	8.1	8.6	9.2	10.1	11.1
15°	6.3	6.8	7.3	7.8	8.0	8.0	8.2	8.7	9.3	10.3	11.1
13.75°	6.3	6.8	7.3	7.8	8.0	8.0	8.2	8.7	9.4	10.4	11.2
12.5°	6.4	6.9	7.3	7.8	8.0	8.0	8.3	8.8	9.5	10.5	11.2
11.25°	6.4	6.9	7.4	7.9	8.0	8.0	8.3	8.8	9.6	10.6	11.3
10°	6.4	6.9	7.4	7.9	8.0	8.0	8.4	8.9	9.7	10.7	11.3
8.75°	6.4	6.9	7.4	7.9	8.0	8.0	8.4	8.9	9.8	10.8	11.4
7.5°	6.5	6.9	7.4	7.9	8.0	8.0	8.4	8.9	9.8	10.8	11.4
6.25°	6.5	7.0	7.5	8.0	8.0	8.0	8.4	8.9	9.9	10.9	11.4
5°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.9	10.9	11.5
3.75°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
2.5°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
1.25°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
0°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
-1.25°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
-2.5°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
-3.75°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	10.0	11.0	11.5
-5°	6.5	7.0	7.5	8.0	8.0	8.0	8.5	9.0	9.9	10.9	11.5
-6.25°	6.5	7.0	7.5	8.0	8.0	8.0	8.4	8.9	9.9	10.9	11.4
-7.5°	6.5	6.9	7.4	7.9	8.0	8.0	8.4	8.9	9.8	10.8	11.4
-8.75°	6.4	6.9	7.4	7.9	8.0	8.0	8.4	8.9	9.8	10.8	11.4
-10°	6.4	6.9	7.4	7.9	8.0	8.0	8.4	8.9	9.7	10.7	11.3
-11.25°	6.4	6.9	7.4	7.9	8.0	8.0	8.3	8.8	9.6	10.6	11.3
-12.5°	6.4	6.9	7.3	7.8	8.0	8.0	8.3	8.8	9.5	10.5	11.2
-13.75°	6.3	6.8	7.3	7.8	8.0	8.0	8.2	8.7	9.4	10.4	11.2
-15°	6.3	6.8	7.3	7.8	8.0	8.0	8.2	8.7	9.3	10.3	11.1
-16.25°	6.3	6.8	7.2	7.7	8.0	8.0	8.1	8.6	9.2	10.1	11.1
-17.5°	6.2	6.7	7.2	7.7	8.0	8.0	8.1	8.6	9.1	10.0	11.0
-18.75°	6.2	6.7	7.1	7.6	8.0	8.0	8.0	8.5	9.0	9.9	10.8
-20°	6.2	6.6	7.1	7.6	8.0	8.0	8.0	8.4	8.9	9.7	10.6
-21.25°	6.1	6.6	7.0	7.5	8.0	8.0	8.0	8.4	8.8	9.6	10.5



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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	8.0	8.0	8.3	8.7	9.4	10.3
-23.75°	6.0	6.5	6.9	7.4	7.8	8.0	8.0	8.2	8.7	9.2	10.1
-25°	6.0	6.4	6.9	7.3	7.8	8.0	8.0	8.1	8.6	9.0	9.9
-26.25°	5.9	6.4	6.8	7.3	7.7	8.0	8.0	8.0	8.5	8.9	9.7
-27.5°	5.9	6.3	6.7	7.2	7.6	8.0	8.0	8.0	8.4	8.8	9.5
-28.75°	5.8	6.2	6.7	7.1	7.5	8.0	8.0	8.0	8.3	8.7	9.3
-30°	5.8	6.2	6.6	7.0	7.5	7.9	8.0	8.0	8.2	8.6	9.0
-31.25°	5.7	6.1	6.5	7.0	7.4	7.8	8.0	8.0	8.1	8.5	8.9
-32.5°	5.6	6.0	6.5	6.9	7.3	7.7	8.0	8.0	8.0	8.4	8.8
-33.75°	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.0	8.0	8.2	8.6
-35°	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.0	8.0	8.1	8.5
-36.25°	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.0	8.0	8.0	8.4
-37.5°	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.0	8.0	8.0	8.2
-38.75°	5.3	5.7	6.0	6.4	6.8	7.2	7.6	7.9	8.0	8.0	8.1
-40°	5.2	5.6	6.0	6.3	6.7	7.1	7.4	7.8	8.0	8.0	8.0
-41.25°	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.0	8.0	8.0
-42.5°	5.0	5.4	5.8	6.1	6.5	6.8	7.2	7.6	7.9	8.0	8.0
-43.75°	5.0	5.3	5.7	6.0	6.4	6.7	7.1	7.4	7.8	8.0	8.0
-45°	4.9	5.2	5.6	5.9	6.3	6.6	6.9	7.3	7.6	8.0	8.0
-46.25°	4.8	5.1	5.5	5.8	6.1	6.5	6.8	7.1	7.5	7.8	8.0
-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°	3.7	4.1	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.3
-60°	3.5	3.9	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.9	6.1
-61.25°	3.3	3.7	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.9
-62.5°	3.0	3.5	3.9	4.2	4.4	4.6	4.9	5.1	5.3	5.5	5.7
-63.75°	2.8	3.3	3.7	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5
-65°	2.6	3.0	3.4	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-66.25°	2.4	2.8	3.2	3.6	4.0	4.2	4.4	4.5	4.7	4.9	5.1
-67.5°	2.2	2.5	2.9	3.3	3.7	4.0	4.2	4.4	4.5	4.7	4.9
-68.75°	2.0	2.3	2.7	3.0	3.4	3.7	4.0	4.2	4.4	4.5	4.7
-70°	1.9	2.1	2.4	2.7	3.0	3.4	3.7	4.0	4.2	4.3	4.5
-71.25°	1.8	1.9	2.1	2.4	2.7	3.0	3.4	3.7	4.0	4.1	4.3
-72.5°	1.6	1.8	1.9	2.2	2.4	2.7	3.0	3.3	3.6	3.8	4.1
-73.75°	1.5	1.7	1.8	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7
-75°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.5	2.8	3.0	3.3
-76.25°	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.4	2.6	2.8
-77.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.4



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-80°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-81.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5
-82.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-83.75°	0.6	0.6	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
83.75°	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
82.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
81.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.3	2.4	2.5
80°	1.8	1.9	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.1
78.75°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.6	3.8
77.5°	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.9	4.0	4.1	4.2
76.25°	3.0	3.3	3.5	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5
75°	3.5	3.7	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
73.75°	3.9	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	8.0
60°	6.3	6.6	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.0	8.0
58.75°	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.0	8.0	8.0
57.5°	6.7	7.0	7.2	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.1
56.25°	6.9	7.2	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.1	8.4
55°	7.1	7.4	7.7	7.9	8.0	8.0	8.0	8.0	8.2	8.4	8.7
53.75°	7.3	7.6	7.9	8.0	8.0	8.0	8.0	8.2	8.4	8.7	8.9
52.5°	7.5	7.8	8.0	8.0	8.0	8.0	8.2	8.4	8.7	9.0	9.4
51.25°	7.7	8.0	8.0	8.0	8.0	8.1	8.4	8.7	9.0	9.5	10.0
50°	7.9	8.0	8.0	8.0	8.1	8.4	8.7	8.9	9.4	10.0	10.5
48.75°	8.0	8.0	8.0	8.0	8.3	8.6	8.9	9.4	9.9	10.5	11.0
47.5°	8.0	8.0	8.0	8.2	8.5	8.8	9.2	9.8	10.4	11.0	11.3
46.25°	8.0	8.0	8.1	8.4	8.7	9.1	9.7	10.3	10.9	11.3	11.6
45°	8.0	8.0	8.3	8.6	8.9	9.5	10.1	10.8	11.2	11.5	11.8
43.75°	8.0	8.1	8.5	8.8	9.3	9.9	10.6	11.1	11.4	11.8	12.1
42.5°	8.0	8.3	8.7	9.0	9.7	10.3	11.0	11.3	11.7	12.0	12.6
41.25°	8.1	8.5	8.8	9.4	10.1	10.8	11.2	11.6	11.9	12.5	13.1
40°	8.3	8.6	9.0	9.7	10.4	11.1	11.4	11.8	12.2	12.9	13.6
38.75°	8.4	8.8	9.4	10.1	10.8	11.3	11.6	12.0	12.7	13.4	14.0
37.5°	8.6	9.0	9.7	10.4	11.1	11.5	11.8	12.4	13.1	13.8	14.3
36.25°	8.7	9.3	10.0	10.8	11.3	11.6	12.0	12.8	13.5	14.1	14.5
35°	8.9	9.6	10.3	11.1	11.4	11.8	12.4	13.2	13.9	14.3	14.7



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	9.1	9.9	10.7	11.2	11.6	12.0	12.8	13.6	14.2	14.5	14.9
32.5°	9.3	10.1	11.0	11.4	11.8	12.4	13.1	13.9	14.4	14.7	15.1
31.25°	9.6	10.4	11.1	11.5	11.9	12.7	13.5	14.1	14.5	14.9	15.3
30°	9.9	10.7	11.3	11.7	12.2	13.0	13.8	14.3	14.7	15.1	15.5
28.75°	10.1	11.0	11.4	11.8	12.5	13.3	14.1	14.5	14.9	15.3	15.7
27.5°	10.3	11.1	11.5	12.0	12.8	13.6	14.2	14.7	15.1	15.5	15.9
26.25°	10.6	11.2	11.7	12.2	13.0	13.9	14.4	14.8	15.2	15.7	16.0
25°	10.8	11.3	11.8	12.4	13.3	14.1	14.5	15.0	15.4	15.8	16.0
23.75°	11.0	11.4	11.9	12.7	13.6	14.2	14.7	15.1	15.5	16.0	16.0
22.5°	11.1	11.6	12.0	12.9	13.8	14.4	14.8	15.2	15.7	16.0	16.0
21.25°	11.2	11.7	12.2	13.1	14.0	14.5	14.9	15.4	15.8	16.0	16.0
20°	11.3	11.7	12.4	13.3	14.1	14.6	15.0	15.5	16.0	16.0	16.0
18.75°	11.4	11.8	12.6	13.5	14.2	14.7	15.2	15.6	16.0	16.0	16.0
17.5°	11.5	11.9	12.8	13.7	14.3	14.8	15.3	15.7	16.0	16.0	16.1
16.25°	11.5	12.0	12.9	13.9	14.4	14.9	15.4	15.8	16.0	16.0	16.2
15°	11.6	12.1	13.1	14.0	14.5	15.0	15.5	15.9	16.0	16.0	16.4
13.75°	11.7	12.3	13.2	14.1	14.6	15.1	15.5	16.0	16.0	16.0	16.5
12.5°	11.7	12.4	13.4	14.2	14.7	15.1	15.6	16.0	16.0	16.1	16.5
11.25°	11.8	12.5	13.5	14.2	14.7	15.2	15.7	16.0	16.0	16.1	16.6
10°	11.8	12.6	13.6	14.3	14.8	15.3	15.8	16.0	16.0	16.2	16.7
8.75°	11.9	12.7	13.7	14.3	14.8	15.3	15.8	16.0	16.0	16.3	16.8
7.5°	11.9	12.8	13.8	14.4	14.9	15.4	15.9	16.0	16.0	16.3	16.8
6.25°	11.9	12.9	13.8	14.4	14.9	15.4	15.9	16.0	16.0	16.4	16.9
5°	12.0	12.9	13.9	14.4	14.9	15.4	15.9	16.0	16.0	16.4	16.9
3.75°	12.0	12.9	13.9	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
2.5°	12.0	13.0	14.0	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
1.25°	12.0	13.0	14.0	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
0°	12.0	13.0	14.0	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
-1.25°	12.0	13.0	14.0	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
-2.5°	12.0	13.0	14.0	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
-3.75°	12.0	12.9	13.9	14.5	15.0	15.5	16.0	16.0	16.0	16.5	17.0
-5°	12.0	12.9	13.9	14.4	14.9	15.4	15.9	16.0	16.0	16.4	16.9
-6.25°	11.9	12.9	13.8	14.4	14.9	15.4	15.9	16.0	16.0	16.4	16.9
-7.5°	11.9	12.8	13.8	14.4	14.9	15.4	15.9	16.0	16.0	16.3	16.8
-8.75°	11.9	12.7	13.7	14.3	14.8	15.3	15.8	16.0	16.0	16.3	16.8
-10°	11.8	12.6	13.6	14.3	14.8	15.3	15.8	16.0	16.0	16.2	16.7
-11.25°	11.8	12.5	13.5	14.2	14.7	15.2	15.7	16.0	16.0	16.1	16.6
-12.5°	11.7	12.4	13.4	14.2	14.7	15.1	15.6	16.0	16.0	16.1	16.5
-13.75°	11.7	12.3	13.2	14.1	14.6	15.1	15.5	16.0	16.0	16.0	16.5
-15°	11.6	12.1	13.1	14.0	14.5	15.0	15.5	15.9	16.0	16.0	16.4
-16.25°	11.5	12.0	12.9	13.9	14.4	14.9	15.4	15.8	16.0	16.0	16.2
-17.5°	11.5	11.9	12.8	13.7	14.3	14.8	15.3	15.7	16.0	16.0	16.1
-18.75°	11.4	11.8	12.6	13.5	14.2	14.7	15.2	15.6	16.0	16.0	16.0
-20°	11.3	11.7	12.4	13.3	14.1	14.6	15.0	15.5	16.0	16.0	16.0
-21.25°	11.2	11.7	12.2	13.1	14.0	14.5	14.9	15.4	15.8	16.0	16.0



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	11.1	11.6	12.0	12.9	13.8	14.4	14.8	15.2	15.7	16.0	16.0
-23.75°	11.0	11.4	11.9	12.7	13.6	14.2	14.7	15.1	15.5	16.0	16.0
-25°	10.8	11.3	11.8	12.4	13.3	14.1	14.5	15.0	15.4	15.8	16.0
-26.25°	10.6	11.2	11.7	12.2	13.0	13.9	14.4	14.8	15.2	15.7	16.0
-27.5°	10.3	11.1	11.5	12.0	12.8	13.6	14.2	14.7	15.1	15.5	15.9
-28.75°	10.1	11.0	11.4	11.8	12.5	13.3	14.1	14.5	14.9	15.3	15.7
-30°	9.9	10.7	11.3	11.7	12.2	13.0	13.8	14.3	14.7	15.1	15.5
-31.25°	9.6	10.4	11.1	11.5	11.9	12.7	13.5	14.1	14.5	14.9	15.3
-32.5°	9.3	10.1	11.0	11.4	11.8	12.4	13.1	13.9	14.4	14.7	15.1
-33.75°	9.1	9.9	10.7	11.2	11.6	12.0	12.8	13.6	14.2	14.5	14.9
-35°	8.9	9.6	10.3	11.1	11.4	11.8	12.4	13.2	13.9	14.3	14.7
-36.25°	8.7	9.3	10.0	10.8	11.3	11.6	12.0	12.8	13.5	14.1	14.5
-37.5°	8.6	9.0	9.7	10.4	11.1	11.5	11.8	12.4	13.1	13.8	14.3
-38.75°	8.4	8.8	9.4	10.1	10.8	11.3	11.6	12.0	12.7	13.4	14.0
-40°	8.3	8.6	9.0	9.7	10.4	11.1	11.4	11.8	12.2	12.9	13.6
-41.25°	8.1	8.5	8.8	9.4	10.1	10.8	11.2	11.6	11.9	12.5	13.1
-42.5°	8.0	8.3	8.7	9.0	9.7	10.3	11.0	11.3	11.7	12.0	12.6
-43.75°	8.0	8.1	8.5	8.8	9.3	9.9	10.6	11.1	11.4	11.8	12.1
-45°	8.0	8.0	8.3	8.6	8.9	9.5	10.1	10.8	11.2	11.5	11.8
-46.25°	8.0	8.0	8.1	8.4	8.7	9.1	9.7	10.3	10.9	11.3	11.6
-47.5°	8.0	8.0	8.0	8.2	8.5	8.8	9.2	9.8	10.4	11.0	11.3
-48.75°	8.0	8.0	8.0	8.0	8.3	8.6	8.9	9.4	9.9	10.5	11.0
-50°	7.9	8.0	8.0	8.0	8.1	8.4	8.7	8.9	9.4	10.0	10.5
-51.25°	7.7	8.0	8.0	8.0	8.0	8.1	8.4	8.7	9.0	9.5	10.0
-52.5°	7.5	7.8	8.0	8.0	8.0	8.0	8.2	8.4	8.7	9.0	9.4
-53.75°	7.3	7.6	7.9	8.0	8.0	8.0	8.0	8.2	8.4	8.7	8.9
-55°	7.1	7.4	7.7	7.9	8.0	8.0	8.0	8.0	8.2	8.4	8.7
-56.25°	6.9	7.2	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.1	8.4
-57.5°	6.7	7.0	7.2	7.5	7.7	7.9	8.0	8.0	8.0	8.0	8.1
-58.75°	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.0	8.0	8.0
-60°	6.3	6.6	6.8	7.0	7.2	7.5	7.7	7.9	8.0	8.0	8.0
-61.25°	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.0
-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°	3.9	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1
-75°	3.5	3.7	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
-76.25°	3.0	3.3	3.5	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5
-77.5°	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.9	4.0	4.1	4.2



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.6	3.8
-80°	1.8	1.9	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.1
-81.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.3	2.4	2.5
-82.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-83.75°	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6
-85°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDRCR-F-WT-LC1-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	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
83.75°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
82.5°	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8
81.25°	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.5	3.6
80°	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.1	4.2	4.2
78.75°	3.9	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	8.0	8.0
66.25°	7.2	7.3	7.5	7.6	7.8	7.9	8.0	8.0	8.0	8.0	8.0
65°	7.5	7.6	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
63.75°	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.4
62.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.4	8.6	8.7
61.25°	8.0	8.0	8.0	8.0	8.1	8.3	8.5	8.6	8.8	9.0	9.3
60°	8.0	8.0	8.1	8.3	8.5	8.7	8.8	9.0	9.4	9.7	10.0
58.75°	8.0	8.2	8.4	8.6	8.8	9.0	9.4	9.7	10.1	10.4	10.8
57.5°	8.3	8.5	8.7	8.9	9.3	9.7	10.1	10.4	10.8	11.1	11.3
56.25°	8.6	8.8	9.1	9.5	9.9	10.3	10.8	11.1	11.3	11.5	11.6
55°	8.9	9.2	9.7	10.1	10.6	11.0	11.2	11.4	11.6	11.8	12.0
53.75°	9.4	9.8	10.3	10.8	11.1	11.3	11.6	11.8	12.0	12.4	12.8
52.5°	9.9	10.4	10.9	11.2	11.4	11.7	11.9	12.2	12.7	13.1	13.5
51.25°	10.5	11.0	11.3	11.5	11.8	12.0	12.5	12.9	13.4	13.8	14.1
50°	11.0	11.3	11.6	11.8	12.1	12.6	13.1	13.6	14.0	14.3	14.5
48.75°	11.3	11.6	11.9	12.2	12.8	13.3	13.8	14.1	14.4	14.6	14.8
47.5°	11.6	11.9	12.3	12.8	13.4	13.9	14.2	14.5	14.7	15.0	15.2
46.25°	11.9	12.3	12.9	13.4	14.0	14.3	14.5	14.8	15.1	15.3	15.6
45°	12.2	12.8	13.4	14.0	14.3	14.6	14.8	15.1	15.4	15.6	15.9
43.75°	12.8	13.4	14.0	14.3	14.6	14.9	15.2	15.4	15.7	16.0	16.0
42.5°	13.3	13.9	14.3	14.6	14.9	15.2	15.5	15.8	16.0	16.0	16.0
41.25°	13.8	14.2	14.5	14.8	15.2	15.5	15.8	16.0	16.0	16.0	16.0
40°	14.1	14.5	14.8	15.1	15.4	15.8	16.0	16.0	16.0	16.0	16.3
38.75°	14.4	14.7	15.1	15.4	15.7	16.0	16.0	16.0	16.0	16.3	16.6
37.5°	14.6	15.0	15.3	15.6	16.0	16.0	16.0	16.0	16.3	16.6	16.9
36.25°	14.8	15.2	15.6	15.9	16.0	16.0	16.0	16.3	16.6	16.9	17.2
35°	15.1	15.4	15.8	16.0	16.0	16.0	16.2	16.5	16.9	17.2	17.5



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	15.3	15.7	16.0	16.0	16.0	16.1	16.5	16.8	17.2	17.5	17.8
32.5°	15.5	15.9	16.0	16.0	16.0	16.4	16.7	17.1	17.5	17.8	18.0
31.25°	15.7	16.0	16.0	16.0	16.3	16.6	17.0	17.4	17.7	18.0	18.0
30°	15.9	16.0	16.0	16.1	16.5	16.9	17.3	17.6	18.0	18.0	18.0
28.75°	16.0	16.0	16.0	16.3	16.7	17.1	17.5	17.9	18.0	18.0	18.0
27.5°	16.0	16.0	16.1	16.5	16.9	17.3	17.7	18.0	18.0	18.0	18.3
26.25°	16.0	16.0	16.3	16.7	17.2	17.6	18.0	18.0	18.0	18.1	18.5
25°	16.0	16.1	16.5	16.9	17.4	17.8	18.0	18.0	18.0	18.4	18.8
23.75°	16.0	16.3	16.7	17.1	17.6	18.0	18.0	18.0	18.2	18.6	19.0
22.5°	16.0	16.4	16.9	17.3	17.7	18.0	18.0	18.0	18.4	18.9	19.3
21.25°	16.2	16.6	17.1	17.5	17.9	18.0	18.0	18.2	18.6	19.1	19.5
20°	16.3	16.8	17.2	17.7	18.0	18.0	18.0	18.4	18.9	19.3	19.7
18.75°	16.5	16.9	17.4	17.8	18.0	18.0	18.2	18.6	19.0	19.5	19.9
17.5°	16.6	17.0	17.5	18.0	18.0	18.0	18.3	18.8	19.2	19.7	20.1
16.25°	16.7	17.2	17.6	18.0	18.0	18.0	18.5	18.9	19.4	19.8	20.3
15°	16.8	17.3	17.8	18.0	18.0	18.2	18.6	19.1	19.6	20.0	20.5
13.75°	16.9	17.4	17.9	18.0	18.0	18.3	18.8	19.2	19.7	20.2	20.6
12.5°	17.0	17.5	18.0	18.0	18.0	18.4	18.9	19.4	19.8	20.3	20.8
11.25°	17.1	17.6	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.4	20.9
10°	17.2	17.7	18.0	18.0	18.1	18.6	19.1	19.6	20.1	20.6	21.0
8.75°	17.3	17.8	18.0	18.0	18.2	18.7	19.2	19.7	20.2	20.7	21.1
7.5°	17.3	17.8	18.0	18.0	18.3	18.8	19.3	19.8	20.3	20.7	21.2
6.25°	17.4	17.9	18.0	18.0	18.4	18.9	19.3	19.8	20.3	20.8	21.3
5°	17.4	17.9	18.0	18.0	18.4	18.9	19.4	19.9	20.4	20.9	21.4
3.75°	17.5	18.0	18.0	18.0	18.4	18.9	19.4	19.9	20.4	20.9	21.4
2.5°	17.5	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5
1.25°	17.5	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5
0°	17.5	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5
-1.25°	17.5	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5
-2.5°	17.5	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5
-3.75°	17.5	18.0	18.0	18.0	18.4	18.9	19.4	19.9	20.4	20.9	21.4
-5°	17.4	17.9	18.0	18.0	18.4	18.9	19.4	19.9	20.4	20.9	21.4
-6.25°	17.4	17.9	18.0	18.0	18.4	18.9	19.3	19.8	20.3	20.8	21.3
-7.5°	17.3	17.8	18.0	18.0	18.3	18.8	19.3	19.8	20.3	20.7	21.2
-8.75°	17.3	17.8	18.0	18.0	18.2	18.7	19.2	19.7	20.2	20.7	21.1
-10°	17.2	17.7	18.0	18.0	18.1	18.6	19.1	19.6	20.1	20.6	21.0
-11.25°	17.1	17.6	18.0	18.0	18.0	18.5	19.0	19.5	20.0	20.4	20.9
-12.5°	17.0	17.5	18.0	18.0	18.0	18.4	18.9	19.4	19.8	20.3	20.8
-13.75°	16.9	17.4	17.9	18.0	18.0	18.3	18.8	19.2	19.7	20.2	20.6
-15°	16.8	17.3	17.8	18.0	18.0	18.2	18.6	19.1	19.6	20.0	20.5
-16.25°	16.7	17.2	17.6	18.0	18.0	18.0	18.5	18.9	19.4	19.8	20.3
-17.5°	16.6	17.0	17.5	18.0	18.0	18.0	18.3	18.8	19.2	19.7	20.1
-18.75°	16.5	16.9	17.4	17.8	18.0	18.0	18.2	18.6	19.0	19.5	19.9
-20°	16.3	16.8	17.2	17.7	18.0	18.0	18.0	18.4	18.9	19.3	19.7
-21.25°	16.2	16.6	17.1	17.5	17.9	18.0	18.0	18.2	18.6	19.1	19.5



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	16.0	16.4	16.9	17.3	17.7	18.0	18.0	18.0	18.4	18.9	19.3
-23.75°	16.0	16.3	16.7	17.1	17.6	18.0	18.0	18.0	18.2	18.6	19.0
-25°	16.0	16.1	16.5	16.9	17.4	17.8	18.0	18.0	18.0	18.4	18.8
-26.25°	16.0	16.0	16.3	16.7	17.2	17.6	18.0	18.0	18.0	18.1	18.5
-27.5°	16.0	16.0	16.1	16.5	16.9	17.3	17.7	18.0	18.0	18.0	18.3
-28.75°	16.0	16.0	16.0	16.3	16.7	17.1	17.5	17.9	18.0	18.0	18.0
-30°	15.9	16.0	16.0	16.1	16.5	16.9	17.3	17.6	18.0	18.0	18.0
-31.25°	15.7	16.0	16.0	16.0	16.3	16.6	17.0	17.4	17.7	18.0	18.0
-32.5°	15.5	15.9	16.0	16.0	16.0	16.4	16.7	17.1	17.5	17.8	18.0
-33.75°	15.3	15.7	16.0	16.0	16.0	16.1	16.5	16.8	17.2	17.5	17.8
-35°	15.1	15.4	15.8	16.0	16.0	16.0	16.2	16.5	16.9	17.2	17.5
-36.25°	14.8	15.2	15.6	15.9	16.0	16.0	16.0	16.3	16.6	16.9	17.2
-37.5°	14.6	15.0	15.3	15.6	16.0	16.0	16.0	16.0	16.3	16.6	16.9
-38.75°	14.4	14.7	15.1	15.4	15.7	16.0	16.0	16.0	16.0	16.3	16.6
-40°	14.1	14.5	14.8	15.1	15.4	15.8	16.0	16.0	16.0	16.0	16.3
-41.25°	13.8	14.2	14.5	14.8	15.2	15.5	15.8	16.0	16.0	16.0	16.0
-42.5°	13.3	13.9	14.3	14.6	14.9	15.2	15.5	15.8	16.0	16.0	16.0
-43.75°	12.8	13.4	14.0	14.3	14.6	14.9	15.2	15.4	15.7	16.0	16.0
-45°	12.2	12.8	13.4	14.0	14.3	14.6	14.8	15.1	15.4	15.6	15.9
-46.25°	11.9	12.3	12.9	13.4	14.0	14.3	14.5	14.8	15.1	15.3	15.6
-47.5°	11.6	11.9	12.3	12.8	13.4	13.9	14.2	14.5	14.7	15.0	15.2
-48.75°	11.3	11.6	11.9	12.2	12.8	13.3	13.8	14.1	14.4	14.6	14.8
-50°	11.0	11.3	11.6	11.8	12.1	12.6	13.1	13.6	14.0	14.3	14.5
-51.25°	10.5	11.0	11.3	11.5	11.8	12.0	12.5	12.9	13.4	13.8	14.1
-52.5°	9.9	10.4	10.9	11.2	11.4	11.7	11.9	12.2	12.7	13.1	13.5
-53.75°	9.4	9.8	10.3	10.8	11.1	11.3	11.6	11.8	12.0	12.4	12.8
-55°	8.9	9.2	9.7	10.1	10.6	11.0	11.2	11.4	11.6	11.8	12.0
-56.25°	8.6	8.8	9.1	9.5	9.9	10.3	10.8	11.1	11.3	11.5	11.6
-57.5°	8.3	8.5	8.7	8.9	9.3	9.7	10.1	10.4	10.8	11.1	11.3
-58.75°	8.0	8.2	8.4	8.6	8.8	9.0	9.4	9.7	10.1	10.4	10.8
-60°	8.0	8.0	8.1	8.3	8.5	8.7	8.8	9.0	9.4	9.7	10.0
-61.25°	8.0	8.0	8.0	8.0	8.1	8.3	8.5	8.6	8.8	9.0	9.3
-62.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.3	8.4	8.6	8.7
-63.75°	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.4
-65°	7.5	7.6	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-66.25°	7.2	7.3	7.5	7.6	7.8	7.9	8.0	8.0	8.0	8.0	8.0
-67.5°	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.6	4.6
-80°	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.1	4.2	4.2
-81.25°	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.5	3.6
-82.5°	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8
-83.75°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-85°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-86.25°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
83.75°	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6
82.5°	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5
81.25°	3.7	3.8	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	8.0	8.0	8.0	8.0	8.0
68.75°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
67.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.3
66.25°	8.0	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.7
65°	8.1	8.2	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.2	9.4
63.75°	8.5	8.6	8.8	8.9	9.0	9.3	9.5	9.7	9.9	10.1	10.3
62.5°	8.9	9.1	9.3	9.6	9.9	10.1	10.3	10.6	10.8	11.0	11.1
61.25°	9.6	9.9	10.1	10.4	10.7	11.0	11.1	11.2	11.3	11.4	11.6
60°	10.3	10.7	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9	12.0
58.75°	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.2	12.4	12.7	12.9
57.5°	11.4	11.6	11.8	11.9	12.2	12.5	12.8	13.0	13.3	13.6	13.8
56.25°	11.8	12.0	12.4	12.7	13.0	13.3	13.6	13.9	14.1	14.2	14.4
55°	12.4	12.8	13.1	13.5	13.8	14.1	14.2	14.4	14.5	14.7	14.8
53.75°	13.2	13.6	13.9	14.1	14.3	14.5	14.7	14.8	15.0	15.1	15.2
52.5°	13.9	14.2	14.4	14.5	14.7	14.9	15.1	15.2	15.4	15.5	15.7
51.25°	14.3	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.0
50°	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.0	16.0	16.0	16.0
48.75°	15.1	15.3	15.5	15.7	15.9	16.0	16.0	16.0	16.0	16.0	16.0
47.5°	15.4	15.7	15.9	16.0	16.0	16.0	16.0	16.0	16.1	16.3	16.4
46.25°	15.8	16.0	16.0	16.0	16.0	16.0	16.1	16.3	16.5	16.7	16.9
45°	16.0	16.0	16.0	16.0	16.1	16.3	16.5	16.7	16.9	17.1	17.3
43.75°	16.0	16.0	16.0	16.3	16.5	16.7	16.9	17.2	17.4	17.6	17.7
42.5°	16.0	16.1	16.4	16.6	16.9	17.1	17.3	17.6	17.8	18.0	18.0
41.25°	16.2	16.5	16.7	17.0	17.3	17.5	17.7	18.0	18.0	18.0	18.0
40°	16.5	16.8	17.1	17.4	17.6	17.9	18.0	18.0	18.0	18.0	18.0
38.75°	16.9	17.2	17.5	17.7	18.0	18.0	18.0	18.0	18.0	18.2	18.4
37.5°	17.2	17.5	17.8	18.0	18.0	18.0	18.0	18.1	18.4	18.6	18.9
36.25°	17.5	17.8	18.0	18.0	18.0	18.0	18.3	18.5	18.8	19.0	19.3
35°	17.9	18.0	18.0	18.0	18.1	18.4	18.6	18.9	19.2	19.4	19.7



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	18.0	18.0	18.0	18.1	18.4	18.7	19.0	19.3	19.6	19.8	20.1
32.5°	18.0	18.0	18.1	18.5	18.8	19.1	19.4	19.7	19.9	20.2	20.5
31.25°	18.0	18.1	18.5	18.8	19.1	19.4	19.7	20.0	20.3	20.6	20.9
30°	18.1	18.4	18.8	19.1	19.4	19.8	20.1	20.4	20.7	21.0	21.3
28.75°	18.4	18.7	19.1	19.4	19.8	20.1	20.4	20.7	21.0	21.3	21.6
27.5°	18.6	19.0	19.4	19.7	20.1	20.4	20.8	21.1	21.4	21.7	22.0
26.25°	18.9	19.3	19.7	20.0	20.4	20.7	21.1	21.4	21.7	22.1	22.8
25°	19.2	19.6	19.9	20.3	20.7	21.0	21.4	21.7	22.2	22.8	23.5
23.75°	19.4	19.8	20.2	20.6	21.0	21.3	21.7	22.1	22.8	23.5	24.4
22.5°	19.7	20.1	20.5	20.9	21.3	21.6	22.0	22.8	23.5	24.4	25.8
21.25°	19.9	20.3	20.7	21.1	21.5	21.9	22.6	23.4	24.2	25.7	27.1
20°	20.1	20.6	21.0	21.4	21.8	22.4	23.2	23.9	25.4	26.9	31.0
18.75°	20.3	20.8	21.2	21.6	22.1	22.9	23.7	25.0	26.6	29.0	40.6
17.5°	20.5	21.0	21.4	21.8	22.5	23.4	24.4	26.1	27.7	37.6	57.9
16.25°	20.7	21.2	21.6	22.1	23.0	23.9	25.4	27.1	33.6	51.3	79.8
15°	20.9	21.4	21.8	22.5	23.4	24.6	26.3	28.4	42.2	67.9	104.6
13.75°	21.1	21.5	22.0	22.9	23.8	25.4	27.2	35.1	55.7	88.8	132.2
12.5°	21.2	21.7	22.3	23.3	24.4	26.2	28.0	42.7	70.8	111.2	161.0
11.25°	21.4	21.9	22.6	23.6	25.0	26.9	33.5	53.8	88.0	134.0	188.8
10°	21.5	22.0	22.9	23.9	25.6	27.5	38.5	64.2	105.3	157.2	217.6
8.75°	21.6	22.2	23.2	24.3	26.2	28.7	45.6	77.6	123.1	178.9	243.6
7.5°	21.7	22.4	23.4	24.7	26.7	32.4	53.2	89.3	138.7	199.1	267.7
6.25°	21.8	22.6	23.6	25.1	27.1	35.6	59.6	99.9	154.0	217.8	288.5
5°	21.9	22.7	23.7	25.4	27.4	38.3	65.9	110.4	166.8	233.3	305.8
3.75°	21.9	22.9	23.8	25.7	27.7	40.6	72.0	118.6	176.9	245.4	320.6
2.5°	22.0	22.9	23.9	25.9	27.8	43.5	76.4	124.5	184.2	254.6	331.3
1.25°	22.0	23.0	24.0	26.0	28.0	45.2	79.1	128.1	188.5	260.1	337.8
0°	22.0	23.0	24.0	26.0	28.0	45.8	80.0	129.3	190.0	262.0	340.0
-1.25°	22.0	23.0	24.0	26.0	28.0	45.2	79.1	128.1	188.5	260.1	337.8
-2.5°	22.0	22.9	23.9	25.9	27.8	43.5	76.4	124.5	184.2	254.6	331.3
-3.75°	21.9	22.9	23.8	25.7	27.7	40.6	72.0	118.6	176.9	245.4	320.6
-5°	21.9	22.7	23.7	25.4	27.4	38.3	65.9	110.4	166.8	233.3	305.8
-6.25°	21.8	22.6	23.6	25.1	27.1	35.6	59.6	99.9	154.0	217.8	288.5
-7.5°	21.7	22.4	23.4	24.7	26.7	32.4	53.2	89.3	138.7	199.1	267.7
-8.75°	21.6	22.2	23.2	24.3	26.2	28.7	45.6	77.6	123.1	178.9	243.6
-10°	21.5	22.0	22.9	23.9	25.6	27.5	38.5	64.2	105.3	157.2	217.6
-11.25°	21.4	21.9	22.6	23.6	25.0	26.9	33.5	53.8	88.0	134.0	188.8
-12.5°	21.2	21.7	22.3	23.3	24.4	26.2	28.0	42.7	70.8	111.2	161.0
-13.75°	21.1	21.5	22.0	22.9	23.8	25.4	27.2	35.1	55.7	88.8	132.2
-15°	20.9	21.4	21.8	22.5	23.4	24.6	26.3	28.4	42.2	67.9	104.6
-16.25°	20.7	21.2	21.6	22.1	23.0	23.9	25.4	27.1	33.6	51.3	79.8
-17.5°	20.5	21.0	21.4	21.8	22.5	23.4	24.4	26.1	27.7	37.6	57.9
-18.75°	20.3	20.8	21.2	21.6	22.1	22.9	23.7	25.0	26.6	29.0	40.6
-20°	20.1	20.6	21.0	21.4	21.8	22.4	23.2	23.9	25.4	26.9	31.0
-21.25°	19.9	20.3	20.7	21.1	21.5	21.9	22.6	23.4	24.2	25.7	27.1



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	19.7	20.1	20.5	20.9	21.3	21.6	22.0	22.8	23.5	24.4	25.8
-23.75°	19.4	19.8	20.2	20.6	21.0	21.3	21.7	22.1	22.8	23.5	24.4
-25°	19.2	19.6	19.9	20.3	20.7	21.0	21.4	21.7	22.2	22.8	23.5
-26.25°	18.9	19.3	19.7	20.0	20.4	20.7	21.1	21.4	21.7	22.1	22.8
-27.5°	18.6	19.0	19.4	19.7	20.1	20.4	20.8	21.1	21.4	21.7	22.0
-28.75°	18.4	18.7	19.1	19.4	19.8	20.1	20.4	20.7	21.0	21.3	21.6
-30°	18.1	18.4	18.8	19.1	19.4	19.8	20.1	20.4	20.7	21.0	21.3
-31.25°	18.0	18.1	18.5	18.8	19.1	19.4	19.7	20.0	20.3	20.6	20.9
-32.5°	18.0	18.0	18.1	18.5	18.8	19.1	19.4	19.7	19.9	20.2	20.5
-33.75°	18.0	18.0	18.0	18.1	18.4	18.7	19.0	19.3	19.6	19.8	20.1
-35°	17.9	18.0	18.0	18.0	18.1	18.4	18.6	18.9	19.2	19.4	19.7
-36.25°	17.5	17.8	18.0	18.0	18.0	18.0	18.3	18.5	18.8	19.0	19.3
-37.5°	17.2	17.5	17.8	18.0	18.0	18.0	18.0	18.1	18.4	18.6	18.9
-38.75°	16.9	17.2	17.5	17.7	18.0	18.0	18.0	18.0	18.0	18.2	18.4
-40°	16.5	16.8	17.1	17.4	17.6	17.9	18.0	18.0	18.0	18.0	18.0
-41.25°	16.2	16.5	16.7	17.0	17.3	17.5	17.7	18.0	18.0	18.0	18.0
-42.5°	16.0	16.1	16.4	16.6	16.9	17.1	17.3	17.6	17.8	18.0	18.0
-43.75°	16.0	16.0	16.0	16.3	16.5	16.7	16.9	17.2	17.4	17.6	17.7
-45°	16.0	16.0	16.0	16.0	16.1	16.3	16.5	16.7	16.9	17.1	17.3
-46.25°	15.8	16.0	16.0	16.0	16.0	16.0	16.1	16.3	16.5	16.7	16.9
-47.5°	15.4	15.7	15.9	16.0	16.0	16.0	16.0	16.0	16.1	16.3	16.4
-48.75°	15.1	15.3	15.5	15.7	15.9	16.0	16.0	16.0	16.0	16.0	16.0
-50°	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.0	16.0	16.0	16.0
-51.25°	14.3	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.0
-52.5°	13.9	14.2	14.4	14.5	14.7	14.9	15.1	15.2	15.4	15.5	15.7
-53.75°	13.2	13.6	13.9	14.1	14.3	14.5	14.7	14.8	15.0	15.1	15.2
-55°	12.4	12.8	13.1	13.5	13.8	14.1	14.2	14.4	14.5	14.7	14.8
-56.25°	11.8	12.0	12.4	12.7	13.0	13.3	13.6	13.9	14.1	14.2	14.4
-57.5°	11.4	11.6	11.8	11.9	12.2	12.5	12.8	13.0	13.3	13.6	13.8
-58.75°	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.2	12.4	12.7	12.9
-60°	10.3	10.7	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9	12.0
-61.25°	9.6	9.9	10.1	10.4	10.7	11.0	11.1	11.2	11.3	11.4	11.6
-62.5°	8.9	9.1	9.3	9.6	9.9	10.1	10.3	10.6	10.8	11.0	11.1
-63.75°	8.5	8.6	8.8	8.9	9.0	9.3	9.5	9.7	9.9	10.1	10.3
-65°	8.1	8.2	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.2	9.4
-66.25°	8.0	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.7
-67.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.2	8.3
-68.75°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-70°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2
-82.5°	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5
-83.75°	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6
-85°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-86.25°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
83.75°	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9
82.5°	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9
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	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
68.75°	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4	8.4
67.5°	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9	8.9
66.25°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8
65°	9.6	9.7	9.9	10.0	10.1	10.3	10.4	10.5	10.6	10.7	10.8
63.75°	10.5	10.6	10.8	11.0	11.1	11.1	11.2	11.2	11.3	11.3	11.4
62.5°	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7	11.8	11.8	11.9
61.25°	11.7	11.7	11.8	11.9	12.0	12.1	12.3	12.4	12.5	12.6	12.7
60°	12.2	12.4	12.6	12.8	12.9	13.1	13.2	13.4	13.5	13.6	13.7
58.75°	13.1	13.3	13.5	13.7	13.9	14.0	14.1	14.2	14.2	14.3	14.3
57.5°	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.7	14.8	14.8
56.25°	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.1	15.2	15.3	15.3
55°	14.9	15.0	15.2	15.3	15.4	15.5	15.5	15.6	15.7	15.8	15.8
53.75°	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.0	16.0	16.0	16.0
52.5°	15.8	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
51.25°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.2	16.3
50°	16.0	16.0	16.0	16.1	16.2	16.4	16.5	16.5	16.6	16.7	16.8
48.75°	16.2	16.3	16.5	16.6	16.7	16.8	16.9	17.0	17.1	17.2	17.3
47.5°	16.6	16.8	16.9	17.0	17.2	17.3	17.4	17.5	17.6	17.7	17.8
46.25°	17.1	17.2	17.4	17.5	17.6	17.8	17.9	18.0	18.0	18.0	18.0
45°	17.5	17.7	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
43.75°	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.2
42.5°	18.0	18.0	18.0	18.0	18.0	18.2	18.3	18.4	18.5	18.6	18.7
41.25°	18.0	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2
40°	18.2	18.4	18.6	18.8	18.9	19.1	19.2	19.4	19.5	19.6	19.7
38.75°	18.6	18.9	19.0	19.2	19.4	19.6	19.7	19.8	20.0	20.1	20.2
37.5°	19.1	19.3	19.5	19.7	19.8	20.0	20.2	20.3	20.4	20.6	20.7
36.25°	19.5	19.7	19.9	20.1	20.3	20.5	20.6	20.8	20.9	21.0	21.1
35°	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.2	21.4	21.5	21.6

REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	20.3	20.6	20.8	21.0	21.2	21.4	21.5	21.7	21.9	22.0	22.2
32.5°	20.7	21.0	21.2	21.4	21.6	21.8	22.0	22.3	22.6	22.9	23.2
31.25°	21.1	21.4	21.6	21.8	22.1	22.5	22.9	23.3	23.6	23.9	24.3
30°	21.5	21.8	22.1	22.5	23.0	23.4	23.8	24.4	25.0	25.6	26.2
28.75°	21.9	22.4	22.9	23.4	23.9	24.6	25.4	26.2	26.9	27.5	28.7
27.5°	22.6	23.2	23.7	24.4	25.4	26.3	27.2	28.0	33.5	38.5	45.6
26.25°	23.4	23.9	25.0	26.1	27.1	28.4	35.1	42.7	53.8	64.2	77.6
25°	24.2	25.4	26.6	27.7	33.6	42.2	55.7	70.8	88.0	105.3	123.1
23.75°	25.7	26.9	29.0	37.6	51.3	67.9	88.8	111.2	134.0	157.2	178.9
22.5°	27.1	31.0	40.6	57.9	79.8	104.6	132.2	161.0	188.8	217.6	243.6
21.25°	31.6	43.2	61.9	87.9	117.6	149.6	183.2	218.1	251.7	283.8	313.4
20°	43.2	63.3	91.9	125.5	162.1	200.6	240.7	280.1	318.0	355.3	390.4
18.75°	61.9	91.9	128.2	168.5	211.7	256.5	300.8	346.0	390.2	433.1	474.3
17.5°	87.9	125.5	168.5	215.5	264.6	313.9	365.0	416.8	467.7	516.9	563.7
16.25°	117.6	162.1	211.7	264.6	318.6	374.7	433.0	491.9	549.4	604.2	653.0
15°	149.6	200.6	256.5	313.9	374.7	438.5	504.2	569.5	631.2	687.6	734.3
13.75°	183.2	240.7	300.8	365.0	433.0	504.2	576.2	644.9	706.8	760.5	804.8
12.5°	218.1	280.1	346.0	416.8	491.9	569.5	644.9	713.3	772.6	823.2	861.7
11.25°	251.7	318.0	390.2	467.7	549.4	631.2	706.8	772.6	828.4	872.5	907.4
10°	283.8	355.3	433.1	516.9	604.2	687.6	760.5	823.2	872.5	912.3	941.5
8.75°	313.4	390.4	474.3	563.7	653.0	734.3	804.8	861.7	907.4	941.5	968.8
7.5°	341.5	423.0	511.8	605.6	695.5	774.2	840.4	892.9	933.7	965.2	991.4
6.25°	365.8	451.6	545.3	641.0	729.6	806.8	868.9	918.5	954.4	984.6	1009.7
5°	387.1	476.9	573.7	670.7	758.2	831.8	890.0	935.2	970.4	999.8	1024.5
3.75°	404.4	496.9	596.1	693.3	778.4	849.5	906.3	948.6	982.7	1011.2	1036.7
2.5°	416.9	511.4	612.2	708.6	793.1	862.5	918.0	957.4	991.0	1019.3	1045.9
1.25°	424.5	520.1	621.8	717.9	802.0	870.4	923.4	962.7	996.0	1024.3	1050.9
0°	427.0	523.0	625.0	721.0	805.0	873.0	925.3	964.5	997.8	1026.0	1052.5
-1.25°	424.5	520.1	621.8	717.9	802.0	870.4	923.4	962.7	996.0	1024.3	1050.9
-2.5°	416.9	511.4	612.2	708.6	793.1	862.5	918.0	957.4	991.0	1019.3	1045.9
-3.75°	404.4	496.9	596.1	693.3	778.4	849.5	906.3	948.6	982.7	1011.2	1036.7
-5°	387.1	476.9	573.7	670.7	758.2	831.8	890.0	935.2	970.4	999.8	1024.5
-6.25°	365.8	451.6	545.3	641.0	729.6	806.8	868.9	918.5	954.4	984.6	1009.7
-7.5°	341.5	423.0	511.8	605.6	695.5	774.2	840.4	892.9	933.7	965.2	991.4
-8.75°	313.4	390.4	474.3	563.7	653.0	734.3	804.8	861.7	907.4	941.5	968.8
-10°	283.8	355.3	433.1	516.9	604.2	687.6	760.5	823.2	872.5	912.3	941.5
-11.25°	251.7	318.0	390.2	467.7	549.4	631.2	706.8	772.6	828.4	872.5	907.4
-12.5°	218.1	280.1	346.0	416.8	491.9	569.5	644.9	713.3	772.6	823.2	861.7
-13.75°	183.2	240.7	300.8	365.0	433.0	504.2	576.2	644.9	706.8	760.5	804.8
-15°	149.6	200.6	256.5	313.9	374.7	438.5	504.2	569.5	631.2	687.6	734.3
-16.25°	117.6	162.1	211.7	264.6	318.6	374.7	433.0	491.9	549.4	604.2	653.0
-17.5°	87.9	125.5	168.5	215.5	264.6	313.9	365.0	416.8	467.7	516.9	563.7
-18.75°	61.9	91.9	128.2	168.5	211.7	256.5	300.8	346.0	390.2	433.1	474.3
-20°	43.2	63.3	91.9	125.5	162.1	200.6	240.7	280.1	318.0	355.3	390.4
-21.25°	31.6	43.2	61.9	87.9	117.6	149.6	183.2	218.1	251.7	283.8	313.4



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	27.1	31.0	40.6	57.9	79.8	104.6	132.2	161.0	188.8	217.6	243.6
-23.75°	25.7	26.9	29.0	37.6	51.3	67.9	88.8	111.2	134.0	157.2	178.9
-25°	24.2	25.4	26.6	27.7	33.6	42.2	55.7	70.8	88.0	105.3	123.1
-26.25°	23.4	23.9	25.0	26.1	27.1	28.4	35.1	42.7	53.8	64.2	77.6
-27.5°	22.6	23.2	23.7	24.4	25.4	26.3	27.2	28.0	33.5	38.5	45.6
-28.75°	21.9	22.4	22.9	23.4	23.9	24.6	25.4	26.2	26.9	27.5	28.7
-30°	21.5	21.8	22.1	22.5	23.0	23.4	23.8	24.4	25.0	25.6	26.2
-31.25°	21.1	21.4	21.6	21.8	22.1	22.5	22.9	23.3	23.6	23.9	24.3
-32.5°	20.7	21.0	21.2	21.4	21.6	21.8	22.0	22.3	22.6	22.9	23.2
-33.75°	20.3	20.6	20.8	21.0	21.2	21.4	21.5	21.7	21.9	22.0	22.2
-35°	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.2	21.4	21.5	21.6
-36.25°	19.5	19.7	19.9	20.1	20.3	20.5	20.6	20.8	20.9	21.0	21.1
-37.5°	19.1	19.3	19.5	19.7	19.8	20.0	20.2	20.3	20.4	20.6	20.7
-38.75°	18.6	18.9	19.0	19.2	19.4	19.6	19.7	19.8	20.0	20.1	20.2
-40°	18.2	18.4	18.6	18.8	18.9	19.1	19.2	19.4	19.5	19.6	19.7
-41.25°	18.0	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.0	19.1	19.2
-42.5°	18.0	18.0	18.0	18.0	18.0	18.2	18.3	18.4	18.5	18.6	18.7
-43.75°	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.2
-45°	17.5	17.7	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
-46.25°	17.1	17.2	17.4	17.5	17.6	17.8	17.9	18.0	18.0	18.0	18.0
-47.5°	16.6	16.8	16.9	17.0	17.2	17.3	17.4	17.5	17.6	17.7	17.8
-48.75°	16.2	16.3	16.5	16.6	16.7	16.8	16.9	17.0	17.1	17.2	17.3
-50°	16.0	16.0	16.0	16.1	16.2	16.4	16.5	16.5	16.6	16.7	16.8
-51.25°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.2	16.3
-52.5°	15.8	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-53.75°	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.0	16.0	16.0	16.0
-55°	14.9	15.0	15.2	15.3	15.4	15.5	15.5	15.6	15.7	15.8	15.8
-56.25°	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.1	15.2	15.3	15.3
-57.5°	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.7	14.8	14.8
-58.75°	13.1	13.3	13.5	13.7	13.9	14.0	14.1	14.2	14.2	14.3	14.3
-60°	12.2	12.4	12.6	12.8	12.9	13.1	13.2	13.4	13.5	13.6	13.7
-61.25°	11.7	11.7	11.8	11.9	12.0	12.1	12.3	12.4	12.5	12.6	12.7
-62.5°	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7	11.8	11.8	11.9
-63.75°	10.5	10.6	10.8	11.0	11.1	11.1	11.2	11.2	11.3	11.3	11.4
-65°	9.6	9.7	9.9	10.0	10.1	10.3	10.4	10.5	10.6	10.7	10.8
-66.25°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8
-67.5°	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9	8.9
-68.75°	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4	8.4
-70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-71.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9
-83.75°	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9
-85°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
83.75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
82.5°	3.9	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°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
68.75°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
67.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
66.25°	9.8	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
65°	10.8	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
63.75°	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
62.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
61.25°	12.8	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9
60°	13.8	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
58.75°	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4
57.5°	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.9
56.25°	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4
55°	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9
53.75°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
52.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
51.25°	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.4
50°	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9
48.75°	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4
47.5°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
46.25°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
45°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
43.75°	18.3	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.4	18.4
42.5°	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
41.25°	19.3	19.3	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.4	19.4
40°	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
38.75°	20.3	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
37.5°	20.7	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9
36.25°	21.2	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.4	21.4
35°	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9

REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	22.4	22.6	22.7	22.9	22.9	23.0	23.0	23.0	22.9	22.9	22.7
32.5°	23.4	23.6	23.7	23.8	23.9	24.0	24.0	24.0	23.9	23.8	23.7
31.25°	24.7	25.1	25.4	25.7	25.9	26.0	26.0	26.0	25.9	25.7	25.4
30°	26.7	27.1	27.4	27.7	27.8	28.0	28.0	28.0	27.8	27.7	27.4
28.75°	32.4	35.6	38.3	40.6	43.5	45.2	45.8	45.2	43.5	40.6	38.3
27.5°	53.2	59.6	65.9	72.0	76.4	79.1	80.0	79.1	76.4	72.0	65.9
26.25°	89.3	99.9	110.4	118.6	124.5	128.1	129.3	128.1	124.5	118.6	110.4
25°	138.7	154.0	166.8	176.9	184.2	188.5	190.0	188.5	184.2	176.9	166.8
23.75°	199.1	217.8	233.3	245.4	254.6	260.1	262.0	260.1	254.6	245.4	233.3
22.5°	267.7	288.5	305.8	320.6	331.3	337.8	340.0	337.8	331.3	320.6	305.8
21.25°	341.5	365.8	387.1	404.4	416.9	424.5	427.0	424.5	416.9	404.4	387.1
20°	423.0	451.6	476.9	496.9	511.4	520.1	523.0	520.1	511.4	496.9	476.9
18.75°	511.8	545.3	573.7	596.1	612.2	621.8	625.0	621.8	612.2	596.1	573.7
17.5°	605.6	641.0	670.7	693.3	708.6	717.9	721.0	717.9	708.6	693.3	670.7
16.25°	695.5	729.6	758.2	778.4	793.1	802.0	805.0	802.0	793.1	778.4	758.2
15°	774.2	806.8	831.8	849.5	862.5	870.4	873.0	870.4	862.5	849.5	831.8
13.75°	840.4	868.9	890.0	906.3	918.0	923.4	925.3	923.4	918.0	906.3	890.0
12.5°	892.9	918.5	935.2	948.6	957.4	962.7	964.5	962.7	957.4	948.6	935.2
11.25°	933.7	954.4	970.4	982.7	991.0	996.0	997.8	996.0	991.0	982.7	970.4
10°	965.2	984.6	999.8	1011.2	1019.3	1024.3	1026.0	1024.3	1019.3	1011.2	999.8
8.75°	991.4	1009.7	1024.5	1036.7	1045.9	1050.9	1052.5	1050.9	1045.9	1036.7	1024.5
7.5°	1013.0	1031.5	1047.9	1059.2	1067.5	1072.4	1074.0	1072.4	1067.5	1059.2	1047.9
6.25°	1031.5	1051.1	1066.0	1077.4	1085.5	1090.1	1091.8	1090.1	1085.5	1077.4	1066.0
5°	1047.9	1066.0	1080.9	1091.8	1097.1	1099.2	1100.0	1099.2	1097.1	1091.8	1080.9
3.75°	1059.2	1077.4	1091.8	1098.5	1102.0	1104.0	1104.3	1104.0	1102.0	1098.5	1091.8
2.5°	1067.5	1085.5	1097.1	1102.0	1104.5	1105.4	1106.0	1105.4	1104.5	1102.0	1097.1
1.25°	1072.4	1090.1	1099.2	1104.0	1105.4	1106.8	1106.3	1106.8	1105.4	1104.0	1099.2
0°	1074.0	1091.8	1100.0	1104.3	1106.0	1106.3	1109.0	1106.3	1106.0	1104.3	1100.0
-1.25°	1072.4	1090.1	1099.2	1104.0	1105.4	1106.8	1106.3	1106.8	1105.4	1104.0	1099.2
-2.5°	1067.5	1085.5	1097.1	1102.0	1104.5	1105.4	1106.0	1105.4	1104.5	1102.0	1097.1
-3.75°	1059.2	1077.4	1091.8	1098.5	1102.0	1104.0	1104.3	1104.0	1102.0	1098.5	1091.8
-5°	1047.9	1066.0	1080.9	1091.8	1097.1	1099.2	1100.0	1099.2	1097.1	1091.8	1080.9
-6.25°	1031.5	1051.1	1066.0	1077.4	1085.5	1090.1	1091.8	1090.1	1085.5	1077.4	1066.0
-7.5°	1013.0	1031.5	1047.9	1059.2	1067.5	1072.4	1074.0	1072.4	1067.5	1059.2	1047.9
-8.75°	991.4	1009.7	1024.5	1036.7	1045.9	1050.9	1052.5	1050.9	1045.9	1036.7	1024.5
-10°	965.2	984.6	999.8	1011.2	1019.3	1024.3	1026.0	1024.3	1019.3	1011.2	999.8
-11.25°	933.7	954.4	970.4	982.7	991.0	996.0	997.8	996.0	991.0	982.7	970.4
-12.5°	892.9	918.5	935.2	948.6	957.4	962.7	964.5	962.7	957.4	948.6	935.2
-13.75°	840.4	868.9	890.0	906.3	918.0	923.4	925.3	923.4	918.0	906.3	890.0
-15°	774.2	806.8	831.8	849.5	862.5	870.4	873.0	870.4	862.5	849.5	831.8
-16.25°	695.5	729.6	758.2	778.4	793.1	802.0	805.0	802.0	793.1	778.4	758.2
-17.5°	605.6	641.0	670.7	693.3	708.6	717.9	721.0	717.9	708.6	693.3	670.7
-18.75°	511.8	545.3	573.7	596.1	612.2	621.8	625.0	621.8	612.2	596.1	573.7
-20°	423.0	451.6	476.9	496.9	511.4	520.1	523.0	520.1	511.4	496.9	476.9
-21.25°	341.5	365.8	387.1	404.4	416.9	424.5	427.0	424.5	416.9	404.4	387.1



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	267.7	288.5	305.8	320.6	331.3	337.8	340.0	337.8	331.3	320.6	305.8
-23.75°	199.1	217.8	233.3	245.4	254.6	260.1	262.0	260.1	254.6	245.4	233.3
-25°	138.7	154.0	166.8	176.9	184.2	188.5	190.0	188.5	184.2	176.9	166.8
-26.25°	89.3	99.9	110.4	118.6	124.5	128.1	129.3	128.1	124.5	118.6	110.4
-27.5°	53.2	59.6	65.9	72.0	76.4	79.1	80.0	79.1	76.4	72.0	65.9
-28.75°	32.4	35.6	38.3	40.6	43.5	45.2	45.8	45.2	43.5	40.6	38.3
-30°	26.7	27.1	27.4	27.7	27.8	28.0	28.0	28.0	27.8	27.7	27.4
-31.25°	24.7	25.1	25.4	25.7	25.9	26.0	26.0	26.0	25.9	25.7	25.4
-32.5°	23.4	23.6	23.7	23.8	23.9	24.0	24.0	24.0	23.9	23.8	23.7
-33.75°	22.4	22.6	22.7	22.9	22.9	23.0	23.0	23.0	22.9	22.9	22.7
-35°	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
-36.25°	21.2	21.3	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.4	21.4
-37.5°	20.7	20.8	20.9	20.9	21.0	21.0	21.0	21.0	21.0	20.9	20.9
-38.75°	20.3	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
-40°	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-41.25°	19.3	19.3	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.4	19.4
-42.5°	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	18.9	18.9
-43.75°	18.3	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.4	18.4
-45°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
-46.25°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
-47.5°	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
-48.75°	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.4
-50°	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.9
-51.25°	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.4
-52.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-53.75°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-55°	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9
-56.25°	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.4
-57.5°	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.9
-58.75°	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4
-60°	13.8	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	13.9	13.9
-61.25°	12.8	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	12.9	12.9
-62.5°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-63.75°	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
-65°	10.8	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-66.25°	9.8	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-67.5°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-68.75°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-71.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-83.75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
85°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
83.75°	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7
82.5°	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7
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°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
68.75°	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0
67.5°	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.6	8.5
66.25°	9.9	9.8	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0
65°	10.9	10.8	10.8	10.7	10.6	10.5	10.4	10.3	10.1	10.0	9.9
63.75°	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.8
62.5°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.5	11.5	11.4
61.25°	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.1	12.0	11.9	11.8
60°	13.8	13.8	13.7	13.6	13.5	13.4	13.2	13.1	12.9	12.8	12.6
58.75°	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.9	13.7	13.5
57.5°	14.9	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.4	14.3	14.2
56.25°	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	14.9	14.8	14.7
55°	15.9	15.9	15.8	15.8	15.7	15.6	15.5	15.5	15.4	15.3	15.2
53.75°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.8	15.7	15.6
52.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
51.25°	16.4	16.3	16.3	16.2	16.1	16.1	16.0	16.0	16.0	16.0	16.0
50°	16.9	16.8	16.8	16.7	16.6	16.5	16.5	16.4	16.2	16.1	16.0
48.75°	17.4	17.3	17.3	17.2	17.1	17.0	16.9	16.8	16.7	16.6	16.5
47.5°	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.0	16.9
46.25°	18.0	18.0	18.0	18.0	18.0	18.0	17.9	17.8	17.6	17.5	17.4
45°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.8
43.75°	18.4	18.3	18.2	18.1	18.0	18.0	18.0	18.0	18.0	18.0	18.0
42.5°	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.2	18.0	18.0	18.0
41.25°	19.3	19.3	19.2	19.1	19.0	18.9	18.8	18.6	18.5	18.3	18.2
40°	19.8	19.8	19.7	19.6	19.5	19.4	19.2	19.1	18.9	18.8	18.6
38.75°	20.3	20.3	20.2	20.1	20.0	19.8	19.7	19.6	19.4	19.2	19.0
37.5°	20.8	20.7	20.7	20.6	20.4	20.3	20.2	20.0	19.8	19.7	19.5
36.25°	21.3	21.2	21.1	21.0	20.9	20.8	20.6	20.5	20.3	20.1	19.9
35°	21.8	21.7	21.6	21.5	21.4	21.2	21.1	20.9	20.7	20.5	20.3



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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°	22.6	22.4	22.2	22.0	21.9	21.7	21.5	21.4	21.2	21.0	20.8
32.5°	23.6	23.4	23.2	22.9	22.6	22.3	22.0	21.8	21.6	21.4	21.2
31.25°	25.1	24.7	24.3	23.9	23.6	23.3	22.9	22.5	22.1	21.8	21.6
30°	27.1	26.7	26.2	25.6	25.0	24.4	23.8	23.4	23.0	22.5	22.1
28.75°	35.6	32.4	28.7	27.5	26.9	26.2	25.4	24.6	23.9	23.4	22.9
27.5°	59.6	53.2	45.6	38.5	33.5	28.0	27.2	26.3	25.4	24.4	23.7
26.25°	99.9	89.3	77.6	64.2	53.8	42.7	35.1	28.4	27.1	26.1	25.0
25°	154.0	138.7	123.1	105.3	88.0	70.8	55.7	42.2	33.6	27.7	26.6
23.75°	217.8	199.1	178.9	157.2	134.0	111.2	88.8	67.9	51.3	37.6	29.0
22.5°	288.5	267.7	243.6	217.6	188.8	161.0	132.2	104.6	79.8	57.9	40.6
21.25°	365.8	341.5	313.4	283.8	251.7	218.1	183.2	149.6	117.6	87.9	61.9
20°	451.6	423.0	390.4	355.3	318.0	280.1	240.7	200.6	162.1	125.5	91.9
18.75°	545.3	511.8	474.3	433.1	390.2	346.0	300.8	256.5	211.7	168.5	128.2
17.5°	641.0	605.6	563.7	516.9	467.7	416.8	365.0	313.9	264.6	215.5	168.5
16.25°	729.6	695.5	653.0	604.2	549.4	491.9	433.0	374.7	318.6	264.6	211.7
15°	806.8	774.2	734.3	687.6	631.2	569.5	504.2	438.5	374.7	313.9	256.5
13.75°	868.9	840.4	804.8	760.5	706.8	644.9	576.2	504.2	433.0	365.0	300.8
12.5°	918.5	892.9	861.7	823.2	772.6	713.3	644.9	569.5	491.9	416.8	346.0
11.25°	954.4	933.7	907.4	872.5	828.4	772.6	706.8	631.2	549.4	467.7	390.2
10°	984.6	965.2	941.5	912.3	872.5	823.2	760.5	687.6	604.2	516.9	433.1
8.75°	1009.7	991.4	968.8	941.5	907.4	861.7	804.8	734.3	653.0	563.7	474.3
7.5°	1031.5	1013.0	991.4	965.2	933.7	892.9	840.4	774.2	695.5	605.6	511.8
6.25°	1051.1	1031.5	1009.7	984.6	954.4	918.5	868.9	806.8	729.6	641.0	545.3
5°	1066.0	1047.9	1024.5	999.8	970.4	935.2	890.0	831.8	758.2	670.7	573.7
3.75°	1077.4	1059.2	1036.7	1011.2	982.7	948.6	906.3	849.5	778.4	693.3	596.1
2.5°	1085.5	1067.5	1045.9	1019.3	991.0	957.4	918.0	862.5	793.1	708.6	612.2
1.25°	1090.1	1072.4	1050.9	1024.3	996.0	962.7	923.4	870.4	802.0	717.9	621.8
0°	1091.8	1074.0	1052.5	1026.0	997.8	964.5	925.3	873.0	805.0	721.0	625.0
-1.25°	1090.1	1072.4	1050.9	1024.3	996.0	962.7	923.4	870.4	802.0	717.9	621.8
-2.5°	1085.5	1067.5	1045.9	1019.3	991.0	957.4	918.0	862.5	793.1	708.6	612.2
-3.75°	1077.4	1059.2	1036.7	1011.2	982.7	948.6	906.3	849.5	778.4	693.3	596.1
-5°	1066.0	1047.9	1024.5	999.8	970.4	935.2	890.0	831.8	758.2	670.7	573.7
-6.25°	1051.1	1031.5	1009.7	984.6	954.4	918.5	868.9	806.8	729.6	641.0	545.3
-7.5°	1031.5	1013.0	991.4	965.2	933.7	892.9	840.4	774.2	695.5	605.6	511.8
-8.75°	1009.7	991.4	968.8	941.5	907.4	861.7	804.8	734.3	653.0	563.7	474.3
-10°	984.6	965.2	941.5	912.3	872.5	823.2	760.5	687.6	604.2	516.9	433.1
-11.25°	954.4	933.7	907.4	872.5	828.4	772.6	706.8	631.2	549.4	467.7	390.2
-12.5°	918.5	892.9	861.7	823.2	772.6	713.3	644.9	569.5	491.9	416.8	346.0
-13.75°	868.9	840.4	804.8	760.5	706.8	644.9	576.2	504.2	433.0	365.0	300.8
-15°	806.8	774.2	734.3	687.6	631.2	569.5	504.2	438.5	374.7	313.9	256.5
-16.25°	729.6	695.5	653.0	604.2	549.4	491.9	433.0	374.7	318.6	264.6	211.7
-17.5°	641.0	605.6	563.7	516.9	467.7	416.8	365.0	313.9	264.6	215.5	168.5
-18.75°	545.3	511.8	474.3	433.1	390.2	346.0	300.8	256.5	211.7	168.5	128.2
-20°	451.6	423.0	390.4	355.3	318.0	280.1	240.7	200.6	162.1	125.5	91.9
-21.25°	365.8	341.5	313.4	283.8	251.7	218.1	183.2	149.6	117.6	87.9	61.9



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	288.5	267.7	243.6	217.6	188.8	161.0	132.2	104.6	79.8	57.9	40.6
-23.75°	217.8	199.1	178.9	157.2	134.0	111.2	88.8	67.9	51.3	37.6	29.0
-25°	154.0	138.7	123.1	105.3	88.0	70.8	55.7	42.2	33.6	27.7	26.6
-26.25°	99.9	89.3	77.6	64.2	53.8	42.7	35.1	28.4	27.1	26.1	25.0
-27.5°	59.6	53.2	45.6	38.5	33.5	28.0	27.2	26.3	25.4	24.4	23.7
-28.75°	35.6	32.4	28.7	27.5	26.9	26.2	25.4	24.6	23.9	23.4	22.9
-30°	27.1	26.7	26.2	25.6	25.0	24.4	23.8	23.4	23.0	22.5	22.1
-31.25°	25.1	24.7	24.3	23.9	23.6	23.3	22.9	22.5	22.1	21.8	21.6
-32.5°	23.6	23.4	23.2	22.9	22.6	22.3	22.0	21.8	21.6	21.4	21.2
-33.75°	22.6	22.4	22.2	22.0	21.9	21.7	21.5	21.4	21.2	21.0	20.8
-35°	21.8	21.7	21.6	21.5	21.4	21.2	21.1	20.9	20.7	20.5	20.3
-36.25°	21.3	21.2	21.1	21.0	20.9	20.8	20.6	20.5	20.3	20.1	19.9
-37.5°	20.8	20.7	20.7	20.6	20.4	20.3	20.2	20.0	19.8	19.7	19.5
-38.75°	20.3	20.3	20.2	20.1	20.0	19.8	19.7	19.6	19.4	19.2	19.0
-40°	19.8	19.8	19.7	19.6	19.5	19.4	19.2	19.1	18.9	18.8	18.6
-41.25°	19.3	19.3	19.2	19.1	19.0	18.9	18.8	18.6	18.5	18.3	18.2
-42.5°	18.9	18.8	18.7	18.6	18.5	18.4	18.3	18.2	18.0	18.0	18.0
-43.75°	18.4	18.3	18.2	18.1	18.0	18.0	18.0	18.0	18.0	18.0	18.0
-45°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.8
-46.25°	18.0	18.0	18.0	18.0	18.0	18.0	17.9	17.8	17.6	17.5	17.4
-47.5°	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2	17.0	16.9
-48.75°	17.4	17.3	17.3	17.2	17.1	17.0	16.9	16.8	16.7	16.6	16.5
-50°	16.9	16.8	16.8	16.7	16.6	16.5	16.5	16.4	16.2	16.1	16.0
-51.25°	16.4	16.3	16.3	16.2	16.1	16.1	16.0	16.0	16.0	16.0	16.0
-52.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-53.75°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.8	15.7	15.6
-55°	15.9	15.9	15.8	15.8	15.7	15.6	15.5	15.5	15.4	15.3	15.2
-56.25°	15.4	15.4	15.3	15.3	15.2	15.1	15.1	15.0	14.9	14.8	14.7
-57.5°	14.9	14.9	14.8	14.8	14.7	14.7	14.6	14.5	14.4	14.3	14.2
-58.75°	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0	13.9	13.7	13.5
-60°	13.8	13.8	13.7	13.6	13.5	13.4	13.2	13.1	12.9	12.8	12.6
-61.25°	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.1	12.0	11.9	11.8
-62.5°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.5	11.5	11.4
-63.75°	11.4	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.8
-65°	10.9	10.8	10.8	10.7	10.6	10.5	10.4	10.3	10.1	10.0	9.9
-66.25°	9.9	9.8	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0
-67.5°	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.6	8.5
-68.75°	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0
-70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-71.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7
-83.75°	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7
-85°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
85°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
83.75°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2
82.5°	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1
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°	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.3
70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7
68.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
67.5°	8.4	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0
66.25°	8.9	8.8	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0
65°	9.7	9.6	9.4	9.2	9.0	8.9	8.8	8.7	8.6	8.5	8.4
63.75°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.0	8.9	8.8
62.5°	11.3	11.2	11.1	11.0	10.8	10.6	10.3	10.1	9.9	9.6	9.3
61.25°	11.7	11.7	11.6	11.4	11.3	11.2	11.1	11.0	10.7	10.4	10.1
60°	12.4	12.2	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0
58.75°	13.3	13.1	12.9	12.7	12.4	12.2	12.0	11.8	11.7	11.5	11.4
57.5°	14.1	14.0	13.8	13.6	13.3	13.0	12.8	12.5	12.2	11.9	11.8
56.25°	14.6	14.5	14.4	14.2	14.1	13.9	13.6	13.3	13.0	12.7	12.4
55°	15.0	14.9	14.8	14.7	14.5	14.4	14.2	14.1	13.8	13.5	13.1
53.75°	15.5	15.4	15.2	15.1	15.0	14.8	14.7	14.5	14.3	14.1	13.9
52.5°	16.0	15.8	15.7	15.5	15.4	15.2	15.1	14.9	14.7	14.5	14.4
51.25°	16.0	16.0	16.0	16.0	15.8	15.7	15.5	15.3	15.1	14.9	14.7
50°	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.7	15.5	15.3	15.1
48.75°	16.3	16.2	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.7	15.5
47.5°	16.8	16.6	16.4	16.3	16.1	16.0	16.0	16.0	16.0	16.0	15.9
46.25°	17.2	17.1	16.9	16.7	16.5	16.3	16.1	16.0	16.0	16.0	16.0
45°	17.7	17.5	17.3	17.1	16.9	16.7	16.5	16.3	16.1	16.0	16.0
43.75°	18.0	17.9	17.7	17.6	17.4	17.2	16.9	16.7	16.5	16.3	16.0
42.5°	18.0	18.0	18.0	18.0	17.8	17.6	17.3	17.1	16.9	16.6	16.4
41.25°	18.0	18.0	18.0	18.0	18.0	18.0	17.7	17.5	17.3	17.0	16.7
40°	18.4	18.2	18.0	18.0	18.0	18.0	18.0	17.9	17.6	17.4	17.1
38.75°	18.9	18.6	18.4	18.2	18.0	18.0	18.0	18.0	18.0	17.7	17.5
37.5°	19.3	19.1	18.9	18.6	18.4	18.1	18.0	18.0	18.0	18.0	17.8
36.25°	19.7	19.5	19.3	19.0	18.8	18.5	18.3	18.0	18.0	18.0	18.0
35°	20.1	19.9	19.7	19.4	19.2	18.9	18.6	18.4	18.1	18.0	18.0



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDRCR-F-WT-LC1-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°	20.6	20.3	20.1	19.8	19.6	19.3	19.0	18.7	18.4	18.1	18.0
32.5°	21.0	20.7	20.5	20.2	19.9	19.7	19.4	19.1	18.8	18.5	18.1
31.25°	21.4	21.1	20.9	20.6	20.3	20.0	19.7	19.4	19.1	18.8	18.5
30°	21.8	21.5	21.3	21.0	20.7	20.4	20.1	19.8	19.4	19.1	18.8
28.75°	22.4	21.9	21.6	21.3	21.0	20.7	20.4	20.1	19.8	19.4	19.1
27.5°	23.2	22.6	22.0	21.7	21.4	21.1	20.8	20.4	20.1	19.7	19.4
26.25°	23.9	23.4	22.8	22.1	21.7	21.4	21.1	20.7	20.4	20.0	19.7
25°	25.4	24.2	23.5	22.8	22.2	21.7	21.4	21.0	20.7	20.3	19.9
23.75°	26.9	25.7	24.4	23.5	22.8	22.1	21.7	21.3	21.0	20.6	20.2
22.5°	31.0	27.1	25.8	24.4	23.5	22.8	22.0	21.6	21.3	20.9	20.5
21.25°	43.2	31.6	27.1	25.7	24.2	23.4	22.6	21.9	21.5	21.1	20.7
20°	63.3	43.2	31.0	26.9	25.4	23.9	23.2	22.4	21.8	21.4	21.0
18.75°	91.9	61.9	40.6	29.0	26.6	25.0	23.7	22.9	22.1	21.6	21.2
17.5°	125.5	87.9	57.9	37.6	27.7	26.1	24.4	23.4	22.5	21.8	21.4
16.25°	162.1	117.6	79.8	51.3	33.6	27.1	25.4	23.9	23.0	22.1	21.6
15°	200.6	149.6	104.6	67.9	42.2	28.4	26.3	24.6	23.4	22.5	21.8
13.75°	240.7	183.2	132.2	88.8	55.7	35.1	27.2	25.4	23.8	22.9	22.0
12.5°	280.1	218.1	161.0	111.2	70.8	42.7	28.0	26.2	24.4	23.3	22.3
11.25°	318.0	251.7	188.8	134.0	88.0	53.8	33.5	26.9	25.0	23.6	22.6
10°	355.3	283.8	217.6	157.2	105.3	64.2	38.5	27.5	25.6	23.9	22.9
8.75°	390.4	313.4	243.6	178.9	123.1	77.6	45.6	28.7	26.2	24.3	23.2
7.5°	423.0	341.5	267.7	199.1	138.7	89.3	53.2	32.4	26.7	24.7	23.4
6.25°	451.6	365.8	288.5	217.8	154.0	99.9	59.6	35.6	27.1	25.1	23.6
5°	476.9	387.1	305.8	233.3	166.8	110.4	65.9	38.3	27.4	25.4	23.7
3.75°	496.9	404.4	320.6	245.4	176.9	118.6	72.0	40.6	27.7	25.7	23.8
2.5°	511.4	416.9	331.3	254.6	184.2	124.5	76.4	43.5	27.8	25.9	23.9
1.25°	520.1	424.5	337.8	260.1	188.5	128.1	79.1	45.2	28.0	26.0	24.0
0°	523.0	427.0	340.0	262.0	190.0	129.3	80.0	45.8	28.0	26.0	24.0
-1.25°	520.1	424.5	337.8	260.1	188.5	128.1	79.1	45.2	28.0	26.0	24.0
-2.5°	511.4	416.9	331.3	254.6	184.2	124.5	76.4	43.5	27.8	25.9	23.9
-3.75°	496.9	404.4	320.6	245.4	176.9	118.6	72.0	40.6	27.7	25.7	23.8
-5°	476.9	387.1	305.8	233.3	166.8	110.4	65.9	38.3	27.4	25.4	23.7
-6.25°	451.6	365.8	288.5	217.8	154.0	99.9	59.6	35.6	27.1	25.1	23.6
-7.5°	423.0	341.5	267.7	199.1	138.7	89.3	53.2	32.4	26.7	24.7	23.4
-8.75°	390.4	313.4	243.6	178.9	123.1	77.6	45.6	28.7	26.2	24.3	23.2
-10°	355.3	283.8	217.6	157.2	105.3	64.2	38.5	27.5	25.6	23.9	22.9
-11.25°	318.0	251.7	188.8	134.0	88.0	53.8	33.5	26.9	25.0	23.6	22.6
-12.5°	280.1	218.1	161.0	111.2	70.8	42.7	28.0	26.2	24.4	23.3	22.3
-13.75°	240.7	183.2	132.2	88.8	55.7	35.1	27.2	25.4	23.8	22.9	22.0
-15°	200.6	149.6	104.6	67.9	42.2	28.4	26.3	24.6	23.4	22.5	21.8
-16.25°	162.1	117.6	79.8	51.3	33.6	27.1	25.4	23.9	23.0	22.1	21.6
-17.5°	125.5	87.9	57.9	37.6	27.7	26.1	24.4	23.4	22.5	21.8	21.4
-18.75°	91.9	61.9	40.6	29.0	26.6	25.0	23.7	22.9	22.1	21.6	21.2
-20°	63.3	43.2	31.0	26.9	25.4	23.9	23.2	22.4	21.8	21.4	21.0
-21.25°	43.2	31.6	27.1	25.7	24.2	23.4	22.6	21.9	21.5	21.1	20.7



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	31.0	27.1	25.8	24.4	23.5	22.8	22.0	21.6	21.3	20.9	20.5
-23.75°	26.9	25.7	24.4	23.5	22.8	22.1	21.7	21.3	21.0	20.6	20.2
-25°	25.4	24.2	23.5	22.8	22.2	21.7	21.4	21.0	20.7	20.3	19.9
-26.25°	23.9	23.4	22.8	22.1	21.7	21.4	21.1	20.7	20.4	20.0	19.7
-27.5°	23.2	22.6	22.0	21.7	21.4	21.1	20.8	20.4	20.1	19.7	19.4
-28.75°	22.4	21.9	21.6	21.3	21.0	20.7	20.4	20.1	19.8	19.4	19.1
-30°	21.8	21.5	21.3	21.0	20.7	20.4	20.1	19.8	19.4	19.1	18.8
-31.25°	21.4	21.1	20.9	20.6	20.3	20.0	19.7	19.4	19.1	18.8	18.5
-32.5°	21.0	20.7	20.5	20.2	19.9	19.7	19.4	19.1	18.8	18.5	18.1
-33.75°	20.6	20.3	20.1	19.8	19.6	19.3	19.0	18.7	18.4	18.1	18.0
-35°	20.1	19.9	19.7	19.4	19.2	18.9	18.6	18.4	18.1	18.0	18.0
-36.25°	19.7	19.5	19.3	19.0	18.8	18.5	18.3	18.0	18.0	18.0	18.0
-37.5°	19.3	19.1	18.9	18.6	18.4	18.1	18.0	18.0	18.0	18.0	17.8
-38.75°	18.9	18.6	18.4	18.2	18.0	18.0	18.0	18.0	18.0	17.7	17.5
-40°	18.4	18.2	18.0	18.0	18.0	18.0	18.0	17.9	17.6	17.4	17.1
-41.25°	18.0	18.0	18.0	18.0	18.0	18.0	17.7	17.5	17.3	17.0	16.7
-42.5°	18.0	18.0	18.0	18.0	17.8	17.6	17.3	17.1	16.9	16.6	16.4
-43.75°	18.0	17.9	17.7	17.6	17.4	17.2	16.9	16.7	16.5	16.3	16.0
-45°	17.7	17.5	17.3	17.1	16.9	16.7	16.5	16.3	16.1	16.0	16.0
-46.25°	17.2	17.1	16.9	16.7	16.5	16.3	16.1	16.0	16.0	16.0	16.0
-47.5°	16.8	16.6	16.4	16.3	16.1	16.0	16.0	16.0	16.0	16.0	15.9
-48.75°	16.3	16.2	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.7	15.5
-50°	16.0	16.0	16.0	16.0	16.0	16.0	15.9	15.7	15.5	15.3	15.1
-51.25°	16.0	16.0	16.0	16.0	15.8	15.7	15.5	15.3	15.1	14.9	14.7
-52.5°	16.0	15.8	15.7	15.5	15.4	15.2	15.1	14.9	14.7	14.5	14.4
-53.75°	15.5	15.4	15.2	15.1	15.0	14.8	14.7	14.5	14.3	14.1	13.9
-55°	15.0	14.9	14.8	14.7	14.5	14.4	14.2	14.1	13.8	13.5	13.1
-56.25°	14.6	14.5	14.4	14.2	14.1	13.9	13.6	13.3	13.0	12.7	12.4
-57.5°	14.1	14.0	13.8	13.6	13.3	13.0	12.8	12.5	12.2	11.9	11.8
-58.75°	13.3	13.1	12.9	12.7	12.4	12.2	12.0	11.8	11.7	11.5	11.4
-60°	12.4	12.2	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0
-61.25°	11.7	11.7	11.6	11.4	11.3	11.2	11.1	11.0	10.7	10.4	10.1
-62.5°	11.3	11.2	11.1	11.0	10.8	10.6	10.3	10.1	9.9	9.6	9.3
-63.75°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.0	8.9	8.8
-65°	9.7	9.6	9.4	9.2	9.0	8.9	8.8	8.7	8.6	8.5	8.4
-66.25°	8.9	8.8	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0
-67.5°	8.4	8.4	8.3	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0
-68.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-70°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7
-71.25°	8.0	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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1
-83.75°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2
-85°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-86.25°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
85°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
83.75°	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
82.5°	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
81.25°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.0	2.9	2.8
80°	4.3	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.8	3.6	3.5
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°	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.4	7.3	7.1
66.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.6	7.5
65°	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8
63.75°	8.6	8.5	8.4	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0
62.5°	9.1	8.9	8.7	8.6	8.4	8.3	8.1	8.0	8.0	8.0	8.0
61.25°	9.9	9.6	9.3	9.0	8.8	8.6	8.5	8.3	8.1	8.0	8.0
60°	10.7	10.3	10.0	9.7	9.4	9.0	8.8	8.7	8.5	8.3	8.1
58.75°	11.2	11.1	10.8	10.4	10.1	9.7	9.4	9.0	8.8	8.6	8.4
57.5°	11.6	11.4	11.3	11.1	10.8	10.4	10.1	9.7	9.3	8.9	8.7
56.25°	12.0	11.8	11.6	11.5	11.3	11.1	10.8	10.3	9.9	9.5	9.1
55°	12.8	12.4	12.0	11.8	11.6	11.4	11.2	11.0	10.6	10.1	9.7
53.75°	13.6	13.2	12.8	12.4	12.0	11.8	11.6	11.3	11.1	10.8	10.3
52.5°	14.2	13.9	13.5	13.1	12.7	12.2	11.9	11.7	11.4	11.2	10.9
51.25°	14.5	14.3	14.1	13.8	13.4	12.9	12.5	12.0	11.8	11.5	11.3
50°	14.9	14.7	14.5	14.3	14.0	13.6	13.1	12.6	12.1	11.8	11.6
48.75°	15.3	15.1	14.8	14.6	14.4	14.1	13.8	13.3	12.8	12.2	11.9
47.5°	15.7	15.4	15.2	15.0	14.7	14.5	14.2	13.9	13.4	12.8	12.3
46.25°	16.0	15.8	15.6	15.3	15.1	14.8	14.5	14.3	14.0	13.4	12.9
45°	16.0	16.0	15.9	15.6	15.4	15.1	14.8	14.6	14.3	14.0	13.4
43.75°	16.0	16.0	16.0	16.0	15.7	15.4	15.2	14.9	14.6	14.3	14.0
42.5°	16.1	16.0	16.0	16.0	16.0	15.8	15.5	15.2	14.9	14.6	14.3
41.25°	16.5	16.2	16.0	16.0	16.0	16.0	15.8	15.5	15.2	14.8	14.5
40°	16.8	16.5	16.3	16.0	16.0	16.0	16.0	15.8	15.4	15.1	14.8
38.75°	17.2	16.9	16.6	16.3	16.0	16.0	16.0	16.0	15.7	15.4	15.1
37.5°	17.5	17.2	16.9	16.6	16.3	16.0	16.0	16.0	16.0	15.6	15.3
36.25°	17.8	17.5	17.2	16.9	16.6	16.3	16.0	16.0	16.0	15.9	15.6
35°	18.0	17.9	17.5	17.2	16.9	16.5	16.2	16.0	16.0	16.0	15.8



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	18.0	18.0	17.8	17.5	17.2	16.8	16.5	16.1	16.0	16.0	16.0
32.5°	18.0	18.0	18.0	17.8	17.5	17.1	16.7	16.4	16.0	16.0	16.0
31.25°	18.1	18.0	18.0	18.0	17.7	17.4	17.0	16.6	16.3	16.0	16.0
30°	18.4	18.1	18.0	18.0	18.0	17.6	17.3	16.9	16.5	16.1	16.0
28.75°	18.7	18.4	18.0	18.0	18.0	17.9	17.5	17.1	16.7	16.3	16.0
27.5°	19.0	18.6	18.3	18.0	18.0	18.0	17.7	17.3	16.9	16.5	16.1
26.25°	19.3	18.9	18.5	18.1	18.0	18.0	18.0	17.6	17.2	16.7	16.3
25°	19.6	19.2	18.8	18.4	18.0	18.0	18.0	17.8	17.4	16.9	16.5
23.75°	19.8	19.4	19.0	18.6	18.2	18.0	18.0	18.0	17.6	17.1	16.7
22.5°	20.1	19.7	19.3	18.9	18.4	18.0	18.0	18.0	17.7	17.3	16.9
21.25°	20.3	19.9	19.5	19.1	18.6	18.2	18.0	18.0	17.9	17.5	17.1
20°	20.6	20.1	19.7	19.3	18.9	18.4	18.0	18.0	18.0	17.7	17.2
18.75°	20.8	20.3	19.9	19.5	19.0	18.6	18.2	18.0	18.0	17.8	17.4
17.5°	21.0	20.5	20.1	19.7	19.2	18.8	18.3	18.0	18.0	18.0	17.5
16.25°	21.2	20.7	20.3	19.8	19.4	18.9	18.5	18.0	18.0	18.0	17.6
15°	21.4	20.9	20.5	20.0	19.6	19.1	18.6	18.2	18.0	18.0	17.8
13.75°	21.5	21.1	20.6	20.2	19.7	19.2	18.8	18.3	18.0	18.0	17.9
12.5°	21.7	21.2	20.8	20.3	19.8	19.4	18.9	18.4	18.0	18.0	18.0
11.25°	21.9	21.4	20.9	20.4	20.0	19.5	19.0	18.5	18.0	18.0	18.0
10°	22.0	21.5	21.0	20.6	20.1	19.6	19.1	18.6	18.1	18.0	18.0
8.75°	22.2	21.6	21.1	20.7	20.2	19.7	19.2	18.7	18.2	18.0	18.0
7.5°	22.4	21.7	21.2	20.7	20.3	19.8	19.3	18.8	18.3	18.0	18.0
6.25°	22.6	21.8	21.3	20.8	20.3	19.8	19.3	18.9	18.4	18.0	18.0
5°	22.7	21.9	21.4	20.9	20.4	19.9	19.4	18.9	18.4	18.0	18.0
3.75°	22.9	21.9	21.4	20.9	20.4	19.9	19.4	18.9	18.4	18.0	18.0
2.5°	22.9	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.5	18.0	18.0
1.25°	23.0	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.5	18.0	18.0
0°	23.0	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.5	18.0	18.0
-1.25°	23.0	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.5	18.0	18.0
-2.5°	22.9	22.0	21.5	21.0	20.5	20.0	19.5	19.0	18.5	18.0	18.0
-3.75°	22.9	21.9	21.4	20.9	20.4	19.9	19.4	18.9	18.4	18.0	18.0
-5°	22.7	21.9	21.4	20.9	20.4	19.9	19.4	18.9	18.4	18.0	18.0
-6.25°	22.6	21.8	21.3	20.8	20.3	19.8	19.3	18.9	18.4	18.0	18.0
-7.5°	22.4	21.7	21.2	20.7	20.3	19.8	19.3	18.8	18.3	18.0	18.0
-8.75°	22.2	21.6	21.1	20.7	20.2	19.7	19.2	18.7	18.2	18.0	18.0
-10°	22.0	21.5	21.0	20.6	20.1	19.6	19.1	18.6	18.1	18.0	18.0
-11.25°	21.9	21.4	20.9	20.4	20.0	19.5	19.0	18.5	18.0	18.0	18.0
-12.5°	21.7	21.2	20.8	20.3	19.8	19.4	18.9	18.4	18.0	18.0	18.0
-13.75°	21.5	21.1	20.6	20.2	19.7	19.2	18.8	18.3	18.0	18.0	17.9
-15°	21.4	20.9	20.5	20.0	19.6	19.1	18.6	18.2	18.0	18.0	17.8
-16.25°	21.2	20.7	20.3	19.8	19.4	18.9	18.5	18.0	18.0	18.0	17.6
-17.5°	21.0	20.5	20.1	19.7	19.2	18.8	18.3	18.0	18.0	18.0	17.5
-18.75°	20.8	20.3	19.9	19.5	19.0	18.6	18.2	18.0	18.0	17.8	17.4
-20°	20.6	20.1	19.7	19.3	18.9	18.4	18.0	18.0	18.0	17.7	17.2
-21.25°	20.3	19.9	19.5	19.1	18.6	18.2	18.0	18.0	17.9	17.5	17.1



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	20.1	19.7	19.3	18.9	18.4	18.0	18.0	18.0	17.7	17.3	16.9
-23.75°	19.8	19.4	19.0	18.6	18.2	18.0	18.0	18.0	17.6	17.1	16.7
-25°	19.6	19.2	18.8	18.4	18.0	18.0	18.0	17.8	17.4	16.9	16.5
-26.25°	19.3	18.9	18.5	18.1	18.0	18.0	18.0	17.6	17.2	16.7	16.3
-27.5°	19.0	18.6	18.3	18.0	18.0	18.0	17.7	17.3	16.9	16.5	16.1
-28.75°	18.7	18.4	18.0	18.0	18.0	17.9	17.5	17.1	16.7	16.3	16.0
-30°	18.4	18.1	18.0	18.0	18.0	17.6	17.3	16.9	16.5	16.1	16.0
-31.25°	18.1	18.0	18.0	18.0	17.7	17.4	17.0	16.6	16.3	16.0	16.0
-32.5°	18.0	18.0	18.0	17.8	17.5	17.1	16.7	16.4	16.0	16.0	16.0
-33.75°	18.0	18.0	17.8	17.5	17.2	16.8	16.5	16.1	16.0	16.0	16.0
-35°	18.0	17.9	17.5	17.2	16.9	16.5	16.2	16.0	16.0	16.0	15.8
-36.25°	17.8	17.5	17.2	16.9	16.6	16.3	16.0	16.0	16.0	15.9	15.6
-37.5°	17.5	17.2	16.9	16.6	16.3	16.0	16.0	16.0	16.0	15.6	15.3
-38.75°	17.2	16.9	16.6	16.3	16.0	16.0	16.0	16.0	15.7	15.4	15.1
-40°	16.8	16.5	16.3	16.0	16.0	16.0	16.0	15.8	15.4	15.1	14.8
-41.25°	16.5	16.2	16.0	16.0	16.0	16.0	15.8	15.5	15.2	14.8	14.5
-42.5°	16.1	16.0	16.0	16.0	16.0	15.8	15.5	15.2	14.9	14.6	14.3
-43.75°	16.0	16.0	16.0	16.0	15.7	15.4	15.2	14.9	14.6	14.3	14.0
-45°	16.0	16.0	15.9	15.6	15.4	15.1	14.8	14.6	14.3	14.0	13.4
-46.25°	16.0	15.8	15.6	15.3	15.1	14.8	14.5	14.3	14.0	13.4	12.9
-47.5°	15.7	15.4	15.2	15.0	14.7	14.5	14.2	13.9	13.4	12.8	12.3
-48.75°	15.3	15.1	14.8	14.6	14.4	14.1	13.8	13.3	12.8	12.2	11.9
-50°	14.9	14.7	14.5	14.3	14.0	13.6	13.1	12.6	12.1	11.8	11.6
-51.25°	14.5	14.3	14.1	13.8	13.4	12.9	12.5	12.0	11.8	11.5	11.3
-52.5°	14.2	13.9	13.5	13.1	12.7	12.2	11.9	11.7	11.4	11.2	10.9
-53.75°	13.6	13.2	12.8	12.4	12.0	11.8	11.6	11.3	11.1	10.8	10.3
-55°	12.8	12.4	12.0	11.8	11.6	11.4	11.2	11.0	10.6	10.1	9.7
-56.25°	12.0	11.8	11.6	11.5	11.3	11.1	10.8	10.3	9.9	9.5	9.1
-57.5°	11.6	11.4	11.3	11.1	10.8	10.4	10.1	9.7	9.3	8.9	8.7
-58.75°	11.2	11.1	10.8	10.4	10.1	9.7	9.4	9.0	8.8	8.6	8.4
-60°	10.7	10.3	10.0	9.7	9.4	9.0	8.8	8.7	8.5	8.3	8.1
-61.25°	9.9	9.6	9.3	9.0	8.8	8.6	8.5	8.3	8.1	8.0	8.0
-62.5°	9.1	8.9	8.7	8.6	8.4	8.3	8.1	8.0	8.0	8.0	8.0
-63.75°	8.6	8.5	8.4	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0
-65°	8.2	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8
-66.25°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.6	7.5
-67.5°	8.0	8.0	8.0	8.0	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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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	3.8	3.6	3.5
-81.25°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.0	2.9	2.8
-82.5°	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1
-83.75°	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
-85°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-86.25°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
83.75°	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
82.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
81.25°	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.9	1.8	1.7
80°	3.4	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0
78.75°	4.0	3.9	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.6	2.5
77.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5	3.3	3.2	3.0
76.25°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5
75°	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	3.9
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°	8.0	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3
61.25°	8.0	8.0	8.0	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
60°	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.2	7.0	6.8
58.75°	8.2	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.2	7.0
57.5°	8.5	8.3	8.1	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.2
56.25°	8.8	8.6	8.4	8.1	8.0	8.0	8.0	8.0	7.9	7.7	7.5
55°	9.2	8.9	8.7	8.4	8.2	8.0	8.0	8.0	8.0	7.9	7.7
53.75°	9.8	9.4	8.9	8.7	8.4	8.2	8.0	8.0	8.0	8.0	7.9
52.5°	10.4	9.9	9.4	9.0	8.7	8.4	8.2	8.0	8.0	8.0	8.0
51.25°	11.0	10.5	10.0	9.5	9.0	8.7	8.4	8.1	8.0	8.0	8.0
50°	11.3	11.0	10.5	10.0	9.4	8.9	8.7	8.4	8.1	8.0	8.0
48.75°	11.6	11.3	11.0	10.5	9.9	9.4	8.9	8.6	8.3	8.0	8.0
47.5°	11.9	11.6	11.3	11.0	10.4	9.8	9.2	8.8	8.5	8.2	8.0
46.25°	12.3	11.9	11.6	11.3	10.9	10.3	9.7	9.1	8.7	8.4	8.1
45°	12.8	12.2	11.8	11.5	11.2	10.8	10.1	9.5	8.9	8.6	8.3
43.75°	13.4	12.8	12.1	11.8	11.4	11.1	10.6	9.9	9.3	8.8	8.5
42.5°	13.9	13.3	12.6	12.0	11.7	11.3	11.0	10.3	9.7	9.0	8.7
41.25°	14.2	13.8	13.1	12.5	11.9	11.6	11.2	10.8	10.1	9.4	8.8
40°	14.5	14.1	13.6	12.9	12.2	11.8	11.4	11.1	10.4	9.7	9.0
38.75°	14.7	14.4	14.0	13.4	12.7	12.0	11.6	11.3	10.8	10.1	9.4
37.5°	15.0	14.6	14.3	13.8	13.1	12.4	11.8	11.5	11.1	10.4	9.7
36.25°	15.2	14.8	14.5	14.1	13.5	12.8	12.0	11.6	11.3	10.8	10.0
35°	15.4	15.1	14.7	14.3	13.9	13.2	12.4	11.8	11.4	11.1	10.3



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	15.7	15.3	14.9	14.5	14.2	13.6	12.8	12.0	11.6	11.2	10.7
32.5°	15.9	15.5	15.1	14.7	14.4	13.9	13.1	12.4	11.8	11.4	11.0
31.25°	16.0	15.7	15.3	14.9	14.5	14.1	13.5	12.7	11.9	11.5	11.1
30°	16.0	15.9	15.5	15.1	14.7	14.3	13.8	13.0	12.2	11.7	11.3
28.75°	16.0	16.0	15.7	15.3	14.9	14.5	14.1	13.3	12.5	11.8	11.4
27.5°	16.0	16.0	15.9	15.5	15.1	14.7	14.2	13.6	12.8	12.0	11.5
26.25°	16.0	16.0	16.0	15.7	15.2	14.8	14.4	13.9	13.0	12.2	11.7
25°	16.1	16.0	16.0	15.8	15.4	15.0	14.5	14.1	13.3	12.4	11.8
23.75°	16.3	16.0	16.0	16.0	15.5	15.1	14.7	14.2	13.6	12.7	11.9
22.5°	16.4	16.0	16.0	16.0	15.7	15.2	14.8	14.4	13.8	12.9	12.0
21.25°	16.6	16.2	16.0	16.0	15.8	15.4	14.9	14.5	14.0	13.1	12.2
20°	16.8	16.3	16.0	16.0	16.0	15.5	15.0	14.6	14.1	13.3	12.4
18.75°	16.9	16.5	16.0	16.0	16.0	15.6	15.2	14.7	14.2	13.5	12.6
17.5°	17.0	16.6	16.1	16.0	16.0	15.7	15.3	14.8	14.3	13.7	12.8
16.25°	17.2	16.7	16.2	16.0	16.0	15.8	15.4	14.9	14.4	13.9	12.9
15°	17.3	16.8	16.4	16.0	16.0	15.9	15.5	15.0	14.5	14.0	13.1
13.75°	17.4	16.9	16.5	16.0	16.0	16.0	15.5	15.1	14.6	14.1	13.2
12.5°	17.5	17.0	16.5	16.1	16.0	16.0	15.6	15.1	14.7	14.2	13.4
11.25°	17.6	17.1	16.6	16.1	16.0	16.0	15.7	15.2	14.7	14.2	13.5
10°	17.7	17.2	16.7	16.2	16.0	16.0	15.8	15.3	14.8	14.3	13.6
8.75°	17.8	17.3	16.8	16.3	16.0	16.0	15.8	15.3	14.8	14.3	13.7
7.5°	17.8	17.3	16.8	16.3	16.0	16.0	15.9	15.4	14.9	14.4	13.8
6.25°	17.9	17.4	16.9	16.4	16.0	16.0	15.9	15.4	14.9	14.4	13.8
5°	17.9	17.4	16.9	16.4	16.0	16.0	15.9	15.4	14.9	14.4	13.9
3.75°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	13.9
2.5°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	14.0
1.25°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	14.0
0°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	14.0
-1.25°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	14.0
-2.5°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	14.0
-3.75°	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.5	15.0	14.5	13.9
-5°	17.9	17.4	16.9	16.4	16.0	16.0	15.9	15.4	14.9	14.4	13.9
-6.25°	17.9	17.4	16.9	16.4	16.0	16.0	15.9	15.4	14.9	14.4	13.8
-7.5°	17.8	17.3	16.8	16.3	16.0	16.0	15.9	15.4	14.9	14.4	13.8
-8.75°	17.8	17.3	16.8	16.3	16.0	16.0	15.8	15.3	14.8	14.3	13.7
-10°	17.7	17.2	16.7	16.2	16.0	16.0	15.8	15.3	14.8	14.3	13.6
-11.25°	17.6	17.1	16.6	16.1	16.0	16.0	15.7	15.2	14.7	14.2	13.5
-12.5°	17.5	17.0	16.5	16.1	16.0	16.0	15.6	15.1	14.7	14.2	13.4
-13.75°	17.4	16.9	16.5	16.0	16.0	16.0	15.5	15.1	14.6	14.1	13.2
-15°	17.3	16.8	16.4	16.0	16.0	15.9	15.5	15.0	14.5	14.0	13.1
-16.25°	17.2	16.7	16.2	16.0	16.0	15.8	15.4	14.9	14.4	13.9	12.9
-17.5°	17.0	16.6	16.1	16.0	16.0	15.7	15.3	14.8	14.3	13.7	12.8
-18.75°	16.9	16.5	16.0	16.0	16.0	15.6	15.2	14.7	14.2	13.5	12.6
-20°	16.8	16.3	16.0	16.0	16.0	15.5	15.0	14.6	14.1	13.3	12.4
-21.25°	16.6	16.2	16.0	16.0	15.8	15.4	14.9	14.5	14.0	13.1	12.2



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	16.4	16.0	16.0	16.0	15.7	15.2	14.8	14.4	13.8	12.9	12.0
-23.75°	16.3	16.0	16.0	16.0	15.5	15.1	14.7	14.2	13.6	12.7	11.9
-25°	16.1	16.0	16.0	15.8	15.4	15.0	14.5	14.1	13.3	12.4	11.8
-26.25°	16.0	16.0	16.0	15.7	15.2	14.8	14.4	13.9	13.0	12.2	11.7
-27.5°	16.0	16.0	15.9	15.5	15.1	14.7	14.2	13.6	12.8	12.0	11.5
-28.75°	16.0	16.0	15.7	15.3	14.9	14.5	14.1	13.3	12.5	11.8	11.4
-30°	16.0	15.9	15.5	15.1	14.7	14.3	13.8	13.0	12.2	11.7	11.3
-31.25°	16.0	15.7	15.3	14.9	14.5	14.1	13.5	12.7	11.9	11.5	11.1
-32.5°	15.9	15.5	15.1	14.7	14.4	13.9	13.1	12.4	11.8	11.4	11.0
-33.75°	15.7	15.3	14.9	14.5	14.2	13.6	12.8	12.0	11.6	11.2	10.7
-35°	15.4	15.1	14.7	14.3	13.9	13.2	12.4	11.8	11.4	11.1	10.3
-36.25°	15.2	14.8	14.5	14.1	13.5	12.8	12.0	11.6	11.3	10.8	10.0
-37.5°	15.0	14.6	14.3	13.8	13.1	12.4	11.8	11.5	11.1	10.4	9.7
-38.75°	14.7	14.4	14.0	13.4	12.7	12.0	11.6	11.3	10.8	10.1	9.4
-40°	14.5	14.1	13.6	12.9	12.2	11.8	11.4	11.1	10.4	9.7	9.0
-41.25°	14.2	13.8	13.1	12.5	11.9	11.6	11.2	10.8	10.1	9.4	8.8
-42.5°	13.9	13.3	12.6	12.0	11.7	11.3	11.0	10.3	9.7	9.0	8.7
-43.75°	13.4	12.8	12.1	11.8	11.4	11.1	10.6	9.9	9.3	8.8	8.5
-45°	12.8	12.2	11.8	11.5	11.2	10.8	10.1	9.5	8.9	8.6	8.3
-46.25°	12.3	11.9	11.6	11.3	10.9	10.3	9.7	9.1	8.7	8.4	8.1
-47.5°	11.9	11.6	11.3	11.0	10.4	9.8	9.2	8.8	8.5	8.2	8.0
-48.75°	11.6	11.3	11.0	10.5	9.9	9.4	8.9	8.6	8.3	8.0	8.0
-50°	11.3	11.0	10.5	10.0	9.4	8.9	8.7	8.4	8.1	8.0	8.0
-51.25°	11.0	10.5	10.0	9.5	9.0	8.7	8.4	8.1	8.0	8.0	8.0
-52.5°	10.4	9.9	9.4	9.0	8.7	8.4	8.2	8.0	8.0	8.0	8.0
-53.75°	9.8	9.4	8.9	8.7	8.4	8.2	8.0	8.0	8.0	8.0	7.9
-55°	9.2	8.9	8.7	8.4	8.2	8.0	8.0	8.0	8.0	7.9	7.7
-56.25°	8.8	8.6	8.4	8.1	8.0	8.0	8.0	8.0	7.9	7.7	7.5
-57.5°	8.5	8.3	8.1	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.2
-58.75°	8.2	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.2	7.0
-60°	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.5	7.2	7.0	6.8
-61.25°	8.0	8.0	8.0	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6
-62.5°	8.0	8.0	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	3.9
-76.25°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5
-77.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.5	3.3	3.2	3.0



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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	3.9	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.6	2.5
-80°	3.4	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0
-81.25°	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.9	1.8	1.7
-82.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-83.75°	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2
-85°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
82.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
81.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0	1.0
80°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
78.75°	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
77.5°	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4
76.25°	3.3	3.0	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.6	1.5
75°	3.7	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.8	1.7
73.75°	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.1	1.9	1.8
72.5°	4.3	4.2	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.2	1.9
71.25°	4.6	4.4	4.3	4.1	4.0	3.7	3.4	3.0	2.7	2.4	2.1
70°	4.8	4.6	4.5	4.3	4.2	4.0	3.7	3.4	3.0	2.7	2.4
68.75°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.7	3.4	3.0	2.7
67.5°	5.2	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.7	3.3	2.9
66.25°	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.6	3.2
65°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.8	3.4
63.75°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.7
62.5°	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.4	4.2	3.9
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°	8.0	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.1
48.75°	8.0	8.0	7.8	7.5	7.2	6.8	6.5	6.2	5.9	5.6	5.3
47.5°	8.0	8.0	8.0	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.4
46.25°	8.0	8.0	8.0	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.5
45°	8.0	8.0	8.0	8.0	7.6	7.3	6.9	6.6	6.3	5.9	5.6
43.75°	8.1	8.0	8.0	8.0	7.8	7.4	7.1	6.7	6.4	6.0	5.7
42.5°	8.3	8.0	8.0	8.0	7.9	7.6	7.2	6.8	6.5	6.1	5.8
41.25°	8.5	8.1	8.0	8.0	8.0	7.7	7.3	7.0	6.6	6.2	5.9
40°	8.6	8.3	8.0	8.0	8.0	7.8	7.4	7.1	6.7	6.3	6.0
38.75°	8.8	8.4	8.1	8.0	8.0	7.9	7.6	7.2	6.8	6.4	6.0
37.5°	9.0	8.6	8.2	8.0	8.0	8.0	7.7	7.3	6.9	6.5	6.1
36.25°	9.3	8.7	8.4	8.0	8.0	8.0	7.8	7.4	7.0	6.6	6.2
35°	9.6	8.9	8.5	8.1	8.0	8.0	7.9	7.5	7.1	6.7	6.3



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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°	9.9	9.1	8.6	8.2	8.0	8.0	8.0	7.6	7.2	6.8	6.4
32.5°	10.1	9.3	8.8	8.4	8.0	8.0	8.0	7.7	7.3	6.9	6.5
31.25°	10.4	9.6	8.9	8.5	8.1	8.0	8.0	7.8	7.4	7.0	6.5
30°	10.7	9.9	9.0	8.6	8.2	8.0	8.0	7.9	7.5	7.0	6.6
28.75°	11.0	10.1	9.3	8.7	8.3	8.0	8.0	8.0	7.5	7.1	6.7
27.5°	11.1	10.3	9.5	8.8	8.4	8.0	8.0	8.0	7.6	7.2	6.7
26.25°	11.2	10.6	9.7	8.9	8.5	8.0	8.0	8.0	7.7	7.3	6.8
25°	11.3	10.8	9.9	9.0	8.6	8.1	8.0	8.0	7.8	7.3	6.9
23.75°	11.4	11.0	10.1	9.2	8.7	8.2	8.0	8.0	7.8	7.4	6.9
22.5°	11.6	11.1	10.3	9.4	8.7	8.3	8.0	8.0	7.9	7.5	7.0
21.25°	11.7	11.2	10.5	9.6	8.8	8.4	8.0	8.0	8.0	7.5	7.0
20°	11.7	11.3	10.6	9.7	8.9	8.4	8.0	8.0	8.0	7.6	7.1
18.75°	11.8	11.4	10.8	9.9	9.0	8.5	8.0	8.0	8.0	7.6	7.1
17.5°	11.9	11.5	11.0	10.0	9.1	8.6	8.1	8.0	8.0	7.7	7.2
16.25°	12.0	11.5	11.1	10.1	9.2	8.6	8.1	8.0	8.0	7.7	7.2
15°	12.1	11.6	11.1	10.3	9.3	8.7	8.2	8.0	8.0	7.8	7.3
13.75°	12.3	11.7	11.2	10.4	9.4	8.7	8.2	8.0	8.0	7.8	7.3
12.5°	12.4	11.7	11.2	10.5	9.5	8.8	8.3	8.0	8.0	7.8	7.3
11.25°	12.5	11.8	11.3	10.6	9.6	8.8	8.3	8.0	8.0	7.9	7.4
10°	12.6	11.8	11.3	10.7	9.7	8.9	8.4	8.0	8.0	7.9	7.4
8.75°	12.7	11.9	11.4	10.8	9.8	8.9	8.4	8.0	8.0	7.9	7.4
7.5°	12.8	11.9	11.4	10.8	9.8	8.9	8.4	8.0	8.0	7.9	7.4
6.25°	12.9	11.9	11.4	10.9	9.9	8.9	8.4	8.0	8.0	8.0	7.5
5°	12.9	12.0	11.5	10.9	9.9	9.0	8.5	8.0	8.0	8.0	7.5
3.75°	12.9	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
2.5°	13.0	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
1.25°	13.0	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
0°	13.0	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
-1.25°	13.0	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
-2.5°	13.0	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
-3.75°	12.9	12.0	11.5	11.0	10.0	9.0	8.5	8.0	8.0	8.0	7.5
-5°	12.9	12.0	11.5	10.9	9.9	9.0	8.5	8.0	8.0	8.0	7.5
-6.25°	12.9	11.9	11.4	10.9	9.9	8.9	8.4	8.0	8.0	8.0	7.5
-7.5°	12.8	11.9	11.4	10.8	9.8	8.9	8.4	8.0	8.0	7.9	7.4
-8.75°	12.7	11.9	11.4	10.8	9.8	8.9	8.4	8.0	8.0	7.9	7.4
-10°	12.6	11.8	11.3	10.7	9.7	8.9	8.4	8.0	8.0	7.9	7.4
-11.25°	12.5	11.8	11.3	10.6	9.6	8.8	8.3	8.0	8.0	7.9	7.4
-12.5°	12.4	11.7	11.2	10.5	9.5	8.8	8.3	8.0	8.0	7.8	7.3
-13.75°	12.3	11.7	11.2	10.4	9.4	8.7	8.2	8.0	8.0	7.8	7.3
-15°	12.1	11.6	11.1	10.3	9.3	8.7	8.2	8.0	8.0	7.8	7.3
-16.25°	12.0	11.5	11.1	10.1	9.2	8.6	8.1	8.0	8.0	7.7	7.2
-17.5°	11.9	11.5	11.0	10.0	9.1	8.6	8.1	8.0	8.0	7.7	7.2
-18.75°	11.8	11.4	10.8	9.9	9.0	8.5	8.0	8.0	8.0	7.6	7.1
-20°	11.7	11.3	10.6	9.7	8.9	8.4	8.0	8.0	8.0	7.6	7.1
-21.25°	11.7	11.2	10.5	9.6	8.8	8.4	8.0	8.0	8.0	7.5	7.0



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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°	11.6	11.1	10.3	9.4	8.7	8.3	8.0	8.0	7.9	7.5	7.0
-23.75°	11.4	11.0	10.1	9.2	8.7	8.2	8.0	8.0	7.8	7.4	6.9
-25°	11.3	10.8	9.9	9.0	8.6	8.1	8.0	8.0	7.8	7.3	6.9
-26.25°	11.2	10.6	9.7	8.9	8.5	8.0	8.0	8.0	7.7	7.3	6.8
-27.5°	11.1	10.3	9.5	8.8	8.4	8.0	8.0	8.0	7.6	7.2	6.7
-28.75°	11.0	10.1	9.3	8.7	8.3	8.0	8.0	8.0	7.5	7.1	6.7
-30°	10.7	9.9	9.0	8.6	8.2	8.0	8.0	7.9	7.5	7.0	6.6
-31.25°	10.4	9.6	8.9	8.5	8.1	8.0	8.0	7.8	7.4	7.0	6.5
-32.5°	10.1	9.3	8.8	8.4	8.0	8.0	8.0	7.7	7.3	6.9	6.5
-33.75°	9.9	9.1	8.6	8.2	8.0	8.0	8.0	7.6	7.2	6.8	6.4
-35°	9.6	8.9	8.5	8.1	8.0	8.0	7.9	7.5	7.1	6.7	6.3
-36.25°	9.3	8.7	8.4	8.0	8.0	8.0	7.8	7.4	7.0	6.6	6.2
-37.5°	9.0	8.6	8.2	8.0	8.0	8.0	7.7	7.3	6.9	6.5	6.1
-38.75°	8.8	8.4	8.1	8.0	8.0	7.9	7.6	7.2	6.8	6.4	6.0
-40°	8.6	8.3	8.0	8.0	8.0	7.8	7.4	7.1	6.7	6.3	6.0
-41.25°	8.5	8.1	8.0	8.0	8.0	7.7	7.3	7.0	6.6	6.2	5.9
-42.5°	8.3	8.0	8.0	8.0	7.9	7.6	7.2	6.8	6.5	6.1	5.8
-43.75°	8.1	8.0	8.0	8.0	7.8	7.4	7.1	6.7	6.4	6.0	5.7
-45°	8.0	8.0	8.0	8.0	7.6	7.3	6.9	6.6	6.3	5.9	5.6
-46.25°	8.0	8.0	8.0	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.5
-47.5°	8.0	8.0	8.0	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.4
-48.75°	8.0	8.0	7.8	7.5	7.2	6.8	6.5	6.2	5.9	5.6	5.3
-50°	8.0	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	3.9
-63.75°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.7
-65°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.8	3.4
-66.25°	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.6	3.2
-67.5°	5.2	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.7	3.3	2.9
-68.75°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.7	3.4	3.0	2.7
-70°	4.8	4.6	4.5	4.3	4.2	4.0	3.7	3.4	3.0	2.7	2.4
-71.25°	4.6	4.4	4.3	4.1	4.0	3.7	3.4	3.0	2.7	2.4	2.1
-72.5°	4.3	4.2	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.2	1.9
-73.75°	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.1	1.9	1.8
-75°	3.7	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.8	1.7
-76.25°	3.3	3.0	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.6	1.5
-77.5°	2.8	2.6	2.4	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.4



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
-80°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-81.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.0	1.0
-82.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-83.75°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-85°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-86.25°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	6.0	5.6	5.1	4.7	4.3	3.8	3.0	2.2	1.7	1.2	0.8
32.5°	6.0	5.6	5.2	4.8	4.4	3.9	3.1	2.2	1.7	1.3	0.8
31.25°	6.1	5.7	5.3	4.8	4.4	4.0	3.1	2.3	1.7	1.3	0.9
30°	6.2	5.8	5.3	4.9	4.5	4.0	3.2	2.3	1.7	1.3	0.9
28.75°	6.2	5.8	5.4	4.9	4.5	4.1	3.3	2.4	1.8	1.3	0.9
27.5°	6.3	5.9	5.4	5.0	4.5	4.1	3.3	2.4	1.8	1.3	0.9
26.25°	6.4	5.9	5.5	5.0	4.6	4.1	3.4	2.5	1.8	1.3	0.9
25°	6.4	6.0	5.5	5.1	4.6	4.2	3.4	2.5	1.8	1.4	0.9
23.75°	6.5	6.0	5.6	5.1	4.7	4.2	3.5	2.6	1.8	1.4	0.9
22.5°	6.5	6.1	5.6	5.2	4.7	4.2	3.5	2.6	1.8	1.4	0.9
21.25°	6.6	6.1	5.7	5.2	4.7	4.3	3.6	2.7	1.9	1.4	0.9
20°	6.6	6.2	5.7	5.2	4.8	4.3	3.6	2.7	1.9	1.4	0.9
18.75°	6.7	6.2	5.7	5.3	4.8	4.3	3.7	2.7	1.9	1.4	0.9
17.5°	6.7	6.2	5.8	5.3	4.8	4.3	3.7	2.8	1.9	1.4	1.0
16.25°	6.8	6.3	5.8	5.3	4.8	4.4	3.8	2.8	1.9	1.4	1.0
15°	6.8	6.3	5.8	5.3	4.9	4.4	3.8	2.8	1.9	1.4	1.0
13.75°	6.8	6.3	5.9	5.4	4.9	4.4	3.8	2.9	1.9	1.5	1.0
12.5°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	2.9	2.0	1.5	1.0
11.25°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	2.9	2.0	1.5	1.0
10°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	2.9	2.0	1.5	1.0
8.75°	6.9	6.4	5.9	5.4	5.0	4.5	3.9	2.9	2.0	1.5	1.0
7.5°	6.9	6.5	6.0	5.5	5.0	4.5	3.9	3.0	2.0	1.5	1.0
6.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
3.75°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
2.5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
1.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
0°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
-1.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
-2.5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
-3.75°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
-5°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
-6.25°	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.0	2.0	1.5	1.0
-7.5°	6.9	6.5	6.0	5.5	5.0	4.5	3.9	3.0	2.0	1.5	1.0
-8.75°	6.9	6.4	5.9	5.4	5.0	4.5	3.9	2.9	2.0	1.5	1.0
-10°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	2.9	2.0	1.5	1.0
-11.25°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	2.9	2.0	1.5	1.0
-12.5°	6.9	6.4	5.9	5.4	4.9	4.4	3.9	2.9	2.0	1.5	1.0
-13.75°	6.8	6.3	5.9	5.4	4.9	4.4	3.8	2.9	1.9	1.5	1.0
-15°	6.8	6.3	5.8	5.3	4.9	4.4	3.8	2.8	1.9	1.4	1.0
-16.25°	6.8	6.3	5.8	5.3	4.8	4.4	3.8	2.8	1.9	1.4	1.0
-17.5°	6.7	6.2	5.8	5.3	4.8	4.3	3.7	2.8	1.9	1.4	1.0
-18.75°	6.7	6.2	5.7	5.3	4.8	4.3	3.7	2.7	1.9	1.4	0.9
-20°	6.6	6.2	5.7	5.2	4.8	4.3	3.6	2.7	1.9	1.4	0.9
-21.25°	6.6	6.1	5.7	5.2	4.7	4.3	3.6	2.7	1.9	1.4	0.9



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



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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°
-78.75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.0	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



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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



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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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LEDCR-F-WT-LC1-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: P221128 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED CR-F-WT-LC1-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)