

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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

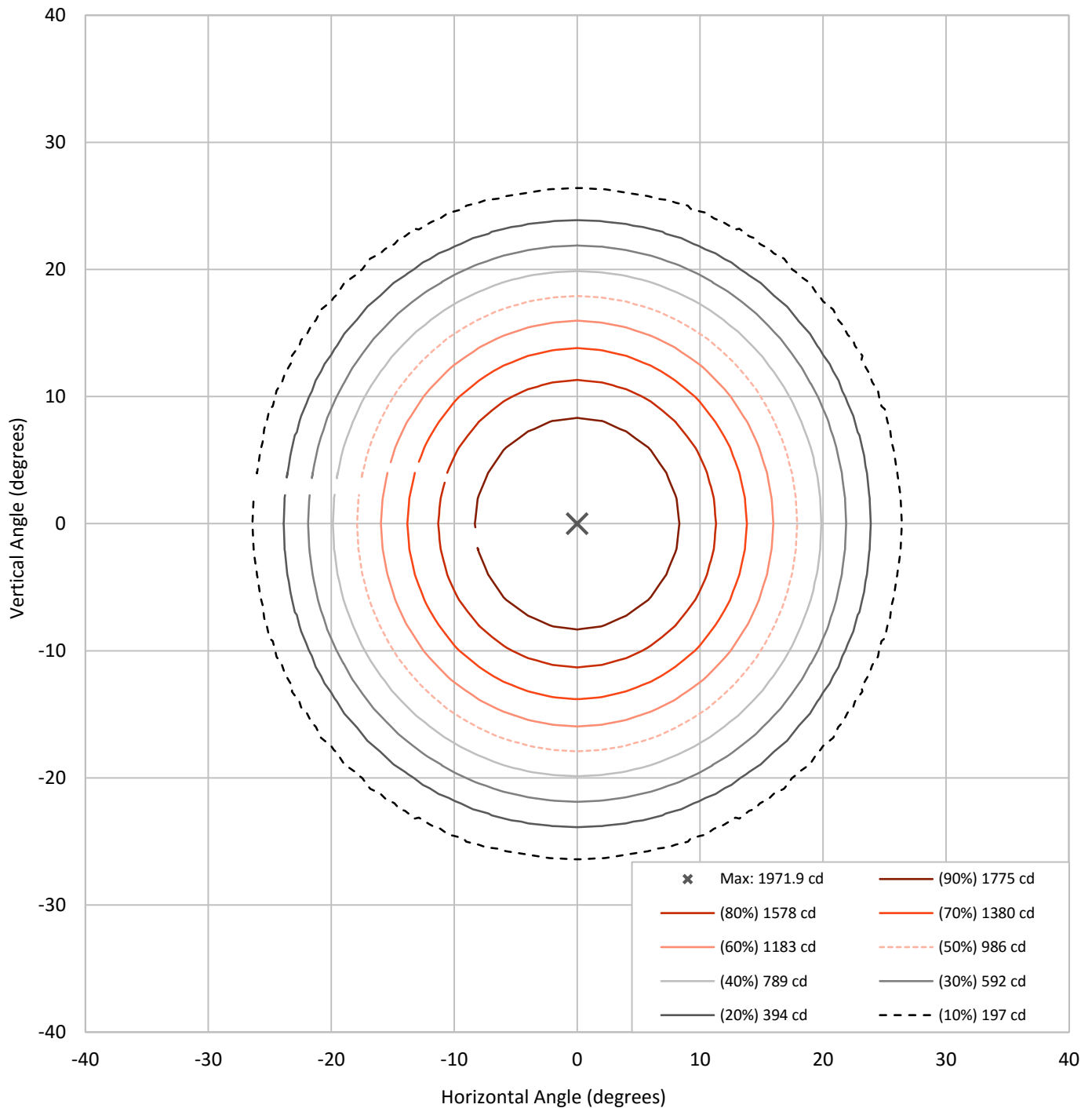
Test Method: LM-79-08
Report Number: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	767.7 lumens	Max Intensity:	1971.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	451.4 lumens	Field Lumens:	641.2 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





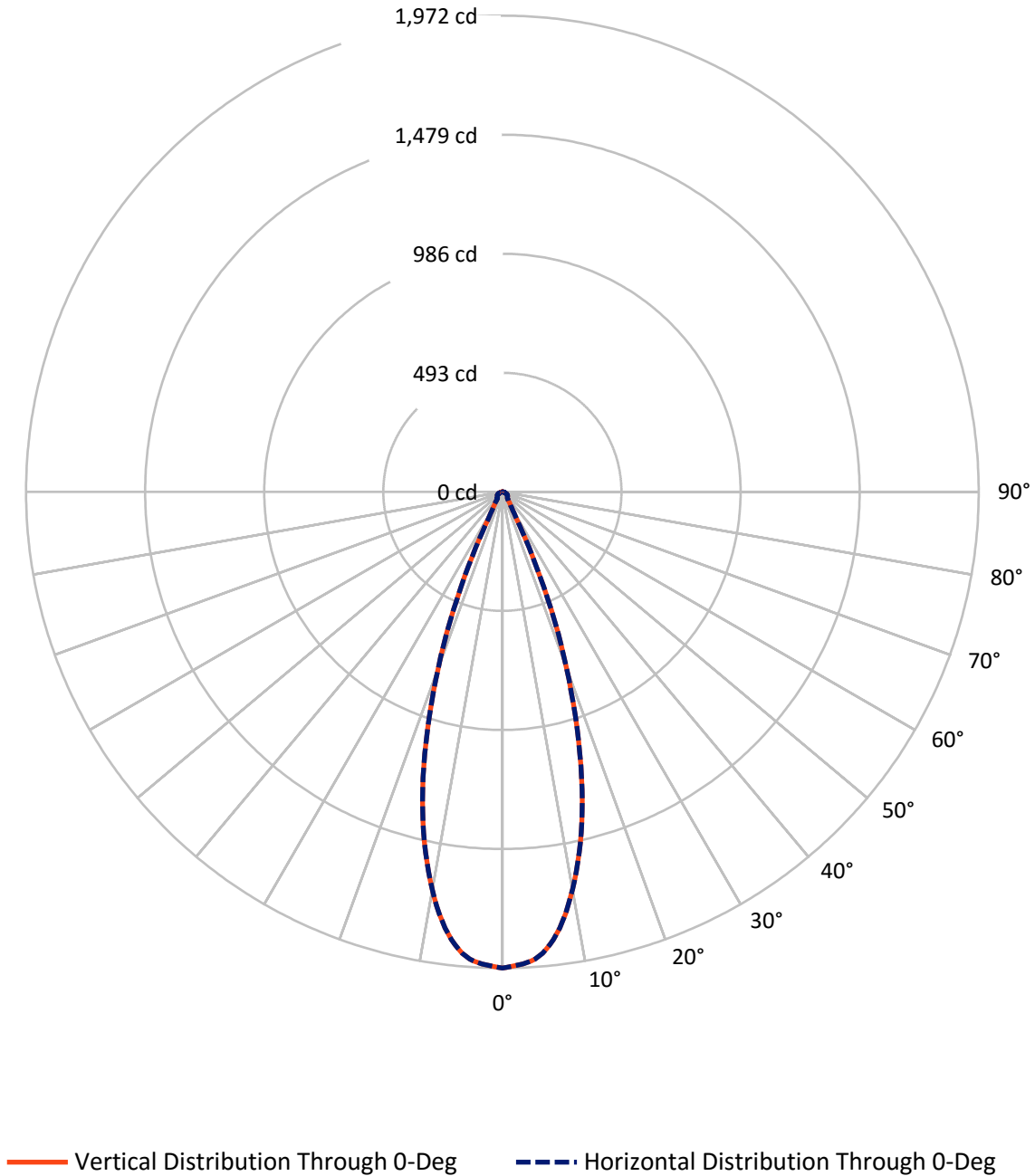
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Lumen Table

90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.7	0.9	1.1	1.4	1.4	1.1	0.9	0.7	0.6	0.4	0.2				
30	0.1	0.2	0.4	0.6	0.8	1.3	3.8	9.0	9.0	3.8	1.3	0.8	0.6	0.4	0.2	0.1			
20		0.2	0.4	0.6	0.9	3.6	19.3	35.1	35.1	19.3	3.6	0.9	0.6	0.4	0.2				
10	0.2	0.2	0.4	0.6	1.1	8.3	34.2	54.0	54.0	34.2	8.3	1.1	0.6	0.4	0.2	0.2			
0		0.2	0.4	0.6	1.1	8.3	34.2	54.0	54.0	34.2	8.3	1.1	0.6	0.4	0.2				
-10	0.1	0.2	0.4	0.6	0.9	3.6	19.3	35.1	35.1	19.3	3.6	0.9	0.6	0.4	0.2	0.1			
-20		0.2	0.4	0.6	0.8	1.3	3.8	9.0	9.0	3.8	1.3	0.8	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.6	0.7	0.9	1.1	1.4	1.4	1.1	0.9	0.7	0.6	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1				
-70																			
-80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
-90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

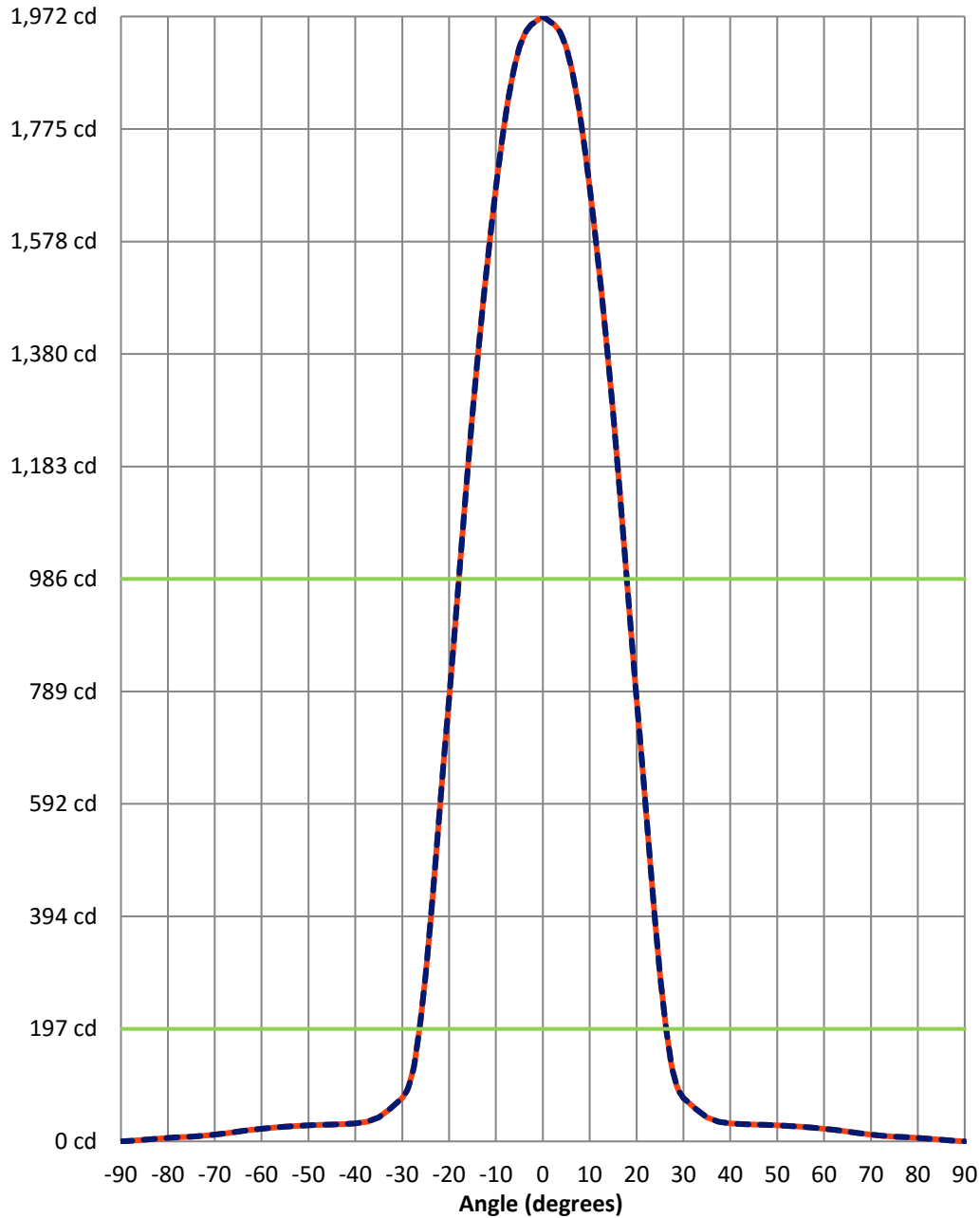
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 35.8°
 V Angle: 35.8°
 Lumens: 451.4
 Efficiency: 58.8%

Field:
 H Angle: 52.6°
 V Angle: 52.6°
 Lumens: 641.2
 Efficiency: 83.5%

Spill:
 Lumens: 126.5
 Efficiency: 16.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.5	1.0	1.6	2.3	3.0	3.7	4.4	5.0	5.7	6.3
32.5°	0.0	0.5	1.0	1.7	2.4	3.1	3.7	4.4	5.1	5.8	6.4
31.25°	0.0	0.5	1.0	1.7	2.4	3.1	3.8	4.5	5.2	5.8	6.4
30°	0.0	0.5	1.0	1.7	2.4	3.2	3.9	4.5	5.2	5.9	6.5
28.75°	0.0	0.5	1.1	1.7	2.5	3.2	3.9	4.6	5.3	6.0	6.6
27.5°	0.0	0.5	1.1	1.8	2.5	3.2	4.0	4.7	5.4	6.1	6.7
26.25°	0.0	0.5	1.1	1.8	2.5	3.3	4.0	4.7	5.4	6.1	6.7
25°	0.0	0.5	1.1	1.8	2.6	3.3	4.0	4.8	5.5	6.2	6.8
23.75°	0.0	0.5	1.1	1.8	2.6	3.4	4.1	4.8	5.6	6.2	6.8
22.5°	0.0	0.6	1.1	1.9	2.6	3.4	4.1	4.9	5.6	6.3	6.9
21.25°	0.0	0.6	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.3	7.0
20°	0.0	0.6	1.1	1.9	2.7	3.5	4.2	5.0	5.7	6.4	7.0
18.75°	0.0	0.6	1.1	1.9	2.7	3.5	4.2	5.0	5.8	6.4	7.0
17.5°	0.0	0.6	1.1	1.9	2.7	3.5	4.3	5.0	5.8	6.5	7.1
16.25°	0.0	0.6	1.2	1.9	2.8	3.5	4.3	5.1	5.8	6.5	7.1
15°	0.0	0.6	1.2	2.0	2.8	3.6	4.3	5.1	5.9	6.5	7.2
13.75°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.1	5.9	6.6	7.2
12.5°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	5.9	6.6	7.2
11.25°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.6	7.3
10°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.7	7.3
8.75°	0.0	0.6	1.2	2.0	2.9	3.7	4.4	5.2	6.0	6.7	7.3
7.5°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.0	6.7	7.3
6.25°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
5°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
3.75°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
2.5°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
1.25°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
0°	0.0	0.6	1.2	2.1	2.9	3.7	4.5	5.3	6.1	6.8	7.4
-1.25°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
-2.5°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
-3.75°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
-5°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
-6.25°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.1	6.7	7.4
-7.5°	0.0	0.6	1.2	2.0	2.9	3.7	4.5	5.3	6.0	6.7	7.3
-8.75°	0.0	0.6	1.2	2.0	2.9	3.7	4.4	5.2	6.0	6.7	7.3
-10°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.7	7.3
-11.25°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.6	7.3
-12.5°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.2	5.9	6.6	7.2
-13.75°	0.0	0.6	1.2	2.0	2.8	3.6	4.4	5.1	5.9	6.6	7.2
-15°	0.0	0.6	1.2	2.0	2.8	3.6	4.3	5.1	5.9	6.5	7.2
-16.25°	0.0	0.6	1.2	1.9	2.8	3.5	4.3	5.1	5.8	6.5	7.1
-17.5°	0.0	0.6	1.1	1.9	2.7	3.5	4.3	5.0	5.8	6.5	7.1
-18.75°	0.0	0.6	1.1	1.9	2.7	3.5	4.2	5.0	5.8	6.4	7.0
-20°	0.0	0.6	1.1	1.9	2.7	3.5	4.2	5.0	5.7	6.4	7.0
-21.25°	0.0	0.6	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.3	7.0



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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	0.6	1.1	1.9	2.6	3.4	4.1	4.9	5.6	6.3	6.9
-23.75°	0.0	0.5	1.1	1.8	2.6	3.4	4.1	4.8	5.6	6.2	6.8
-25°	0.0	0.5	1.1	1.8	2.6	3.3	4.0	4.8	5.5	6.2	6.8
-26.25°	0.0	0.5	1.1	1.8	2.5	3.3	4.0	4.7	5.4	6.1	6.7
-27.5°	0.0	0.5	1.1	1.8	2.5	3.2	4.0	4.7	5.4	6.1	6.7
-28.75°	0.0	0.5	1.1	1.7	2.5	3.2	3.9	4.6	5.3	6.0	6.6
-30°	0.0	0.5	1.0	1.7	2.4	3.2	3.9	4.5	5.2	5.9	6.5
-31.25°	0.0	0.5	1.0	1.7	2.4	3.1	3.8	4.5	5.2	5.8	6.4
-32.5°	0.0	0.5	1.0	1.7	2.4	3.1	3.7	4.4	5.1	5.8	6.4
-33.75°	0.0	0.5	1.0	1.6	2.3	3.0	3.7	4.4	5.0	5.7	6.3
-35°	0.0	0.5	1.0	1.6	2.3	3.0	3.6	4.3	4.9	5.6	6.2
-36.25°	0.0	0.5	1.0	1.6	2.2	2.9	3.6	4.2	4.9	5.5	6.1
-37.5°	0.0	0.5	1.0	1.5	2.2	2.9	3.5	4.1	4.8	5.4	6.0
-38.75°	0.0	0.5	0.9	1.5	2.2	2.8	3.4	4.1	4.7	5.3	5.9
-40°	0.0	0.5	0.9	1.5	2.1	2.8	3.4	4.0	4.6	5.2	5.8
-41.25°	0.0	0.5	0.9	1.4	2.1	2.7	3.3	3.9	4.5	5.1	5.7
-42.5°	0.0	0.4	0.9	1.4	2.0	2.6	3.2	3.8	4.4	5.0	5.6
-43.75°	0.0	0.4	0.9	1.3	2.0	2.6	3.2	3.7	4.3	4.9	5.5
-45°	0.0	0.4	0.8	1.3	1.9	2.5	3.1	3.7	4.2	4.8	5.3
-46.25°	0.0	0.4	0.8	1.3	1.8	2.4	3.0	3.6	4.1	4.7	5.2
-47.5°	0.0	0.4	0.8	1.2	1.8	2.4	2.9	3.5	4.0	4.5	5.1
-48.75°	0.0	0.4	0.8	1.2	1.7	2.3	2.9	3.4	3.9	4.4	5.0
-50°	0.0	0.4	0.8	1.2	1.7	2.2	2.8	3.3	3.8	4.3	4.8
-51.25°	0.0	0.4	0.8	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7
-52.5°	0.0	0.4	0.7	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.5
-53.75°	0.0	0.4	0.7	1.1	1.5	2.0	2.5	3.0	3.5	3.9	4.4
-55°	0.0	0.3	0.7	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3
-56.25°	0.0	0.3	0.7	1.0	1.4	1.9	2.3	2.8	3.2	3.7	4.1
-57.5°	0.0	0.3	0.6	1.0	1.3	1.8	2.2	2.7	3.1	3.6	4.0
-58.75°	0.0	0.3	0.6	0.9	1.3	1.7	2.1	2.6	3.0	3.4	3.8
-60°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.5	2.9	3.3	3.7
-61.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.4	2.8	3.1	3.5
-62.5°	0.0	0.3	0.6	0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.4
-63.75°	0.0	0.3	0.5	0.8	1.1	1.4	1.8	2.1	2.5	2.9	3.2
-65°	0.0	0.3	0.5	0.8	1.0	1.3	1.7	2.0	2.4	2.7	3.1
-66.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.9	2.2	2.6	2.9
-67.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.8	2.1	2.4	2.7
-68.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	2.0	2.3	2.6
-70°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.8	2.1	2.4
-71.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	1.9	2.2
-72.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.0
-73.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.9
-75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.7
-76.25°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.5
-77.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-81.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-83.75°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-88.75°	0.0	0.0	0.0	0.0	0.1	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
86.25°	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
83.75°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4
82.5°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.7	1.8
81.25°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1
80°	1.1	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.2	2.4	2.5
78.75°	1.3	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9
77.5°	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2
76.25°	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.6
75°	1.9	2.1	2.3	2.5	2.7	3.0	3.1	3.3	3.5	3.7	3.9
73.75°	2.1	2.3	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.3
72.5°	2.3	2.5	2.8	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6
71.25°	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9
70°	2.7	3.0	3.2	3.5	3.7	4.0	4.3	4.5	4.8	5.0	5.3
68.75°	2.9	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.1	5.3	5.6
67.5°	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	5.9
66.25°	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.2
65°	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.0	6.3	6.5
63.75°	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8
62.5°	3.7	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.8	7.0
61.25°	3.9	4.3	4.7	5.0	5.4	5.8	6.1	6.4	6.7	7.0	7.3
60°	4.1	4.5	4.8	5.2	5.6	6.0	6.3	6.6	6.9	7.2	7.5
58.75°	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.2	7.5	7.6
57.5°	4.4	4.8	5.2	5.7	6.1	6.4	6.7	7.1	7.4	7.6	7.8
56.25°	4.6	5.0	5.4	5.9	6.2	6.6	6.9	7.3	7.5	7.7	8.0
55°	4.7	5.2	5.6	6.1	6.4	6.8	7.1	7.5	7.7	7.9	8.1
53.75°	4.9	5.3	5.8	6.2	6.6	7.0	7.3	7.6	7.8	8.0	8.3
52.5°	5.0	5.5	6.0	6.4	6.8	7.1	7.5	7.7	7.9	8.2	8.6
51.25°	5.2	5.7	6.1	6.5	6.9	7.3	7.6	7.8	8.1	8.4	8.9
50°	5.3	5.8	6.3	6.7	7.1	7.5	7.7	8.0	8.2	8.7	9.2
48.75°	5.5	6.0	6.4	6.8	7.3	7.6	7.8	8.1	8.5	9.0	9.5
47.5°	5.6	6.1	6.6	7.0	7.4	7.7	7.9	8.2	8.7	9.2	9.7
46.25°	5.8	6.3	6.7	7.1	7.5	7.8	8.0	8.4	8.9	9.5	10.1
45°	5.9	6.4	6.8	7.3	7.6	7.9	8.2	8.6	9.2	9.7	10.4
43.75°	6.0	6.5	7.0	7.4	7.7	8.0	8.3	8.9	9.4	10.0	10.8
42.5°	6.1	6.6	7.1	7.5	7.8	8.1	8.5	9.1	9.7	10.4	11.1
41.25°	6.3	6.7	7.2	7.6	7.9	8.2	8.7	9.3	9.9	10.7	11.4
40°	6.4	6.8	7.3	7.7	8.0	8.3	8.9	9.5	10.2	11.0	11.7
38.75°	6.5	7.0	7.4	7.7	8.0	8.5	9.1	9.7	10.5	11.3	12.1
37.5°	6.6	7.1	7.5	7.8	8.1	8.7	9.3	9.9	10.8	11.6	12.4
36.25°	6.6	7.2	7.6	7.9	8.2	8.8	9.5	10.2	11.0	11.8	12.8
35°	6.7	7.3	7.6	8.0	8.4	9.0	9.7	10.4	11.3	12.1	13.1



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	6.8	7.4	7.7	8.0	8.5	9.2	9.8	10.7	11.5	12.4	13.4
32.5°	6.9	7.4	7.8	8.1	8.7	9.3	10.1	10.9	11.8	12.7	13.7
31.25°	7.0	7.5	7.8	8.2	8.8	9.5	10.3	11.1	12.0	13.0	14.0
30°	7.1	7.5	7.9	8.3	8.9	9.6	10.5	11.4	12.3	13.3	14.3
28.75°	7.2	7.6	7.9	8.4	9.1	9.8	10.7	11.6	12.5	13.6	14.7
27.5°	7.2	7.6	8.0	8.5	9.2	9.9	10.9	11.8	12.8	13.8	15.0
26.25°	7.3	7.7	8.1	8.6	9.3	10.1	11.0	12.0	13.0	14.1	15.3
25°	7.4	7.7	8.1	8.7	9.4	10.3	11.2	12.2	13.3	14.3	15.6
23.75°	7.4	7.8	8.1	8.8	9.6	10.4	11.4	12.4	13.5	14.6	15.9
22.5°	7.5	7.8	8.2	8.9	9.7	10.6	11.5	12.6	13.7	14.9	16.2
21.25°	7.5	7.9	8.3	9.0	9.8	10.7	11.7	12.8	13.9	15.1	16.4
20°	7.5	7.9	8.4	9.1	9.9	10.8	11.8	12.9	14.0	15.3	16.7
18.75°	7.6	7.9	8.4	9.2	10.0	11.0	12.0	13.1	14.2	15.6	16.9
17.5°	7.6	8.0	8.5	9.3	10.1	11.1	12.1	13.2	14.4	15.8	17.1
16.25°	7.6	8.0	8.6	9.3	10.2	11.2	12.2	13.4	14.6	16.0	17.3
15°	7.6	8.0	8.6	9.4	10.3	11.3	12.4	13.5	14.8	16.1	17.5
13.75°	7.7	8.1	8.7	9.5	10.4	11.4	12.5	13.6	14.9	16.3	17.7
12.5°	7.7	8.1	8.7	9.5	10.5	11.5	12.6	13.8	15.1	16.5	17.9
11.25°	7.7	8.1	8.8	9.6	10.5	11.6	12.7	13.9	15.2	16.6	18.0
10°	7.7	8.1	8.8	9.6	10.6	11.6	12.8	14.0	15.3	16.7	18.1
8.75°	7.7	8.1	8.9	9.7	10.7	11.7	12.9	14.0	15.4	16.8	18.2
7.5°	7.8	8.2	8.9	9.7	10.7	11.8	12.9	14.1	15.5	16.9	18.3
6.25°	7.8	8.2	8.9	9.7	10.8	11.8	13.0	14.2	15.6	17.0	18.4
5°	7.8	8.2	9.0	9.8	10.8	11.8	13.0	14.2	15.6	17.1	18.5
3.75°	7.8	8.2	9.0	9.8	10.8	11.9	13.1	14.3	15.7	17.1	18.5
2.5°	7.8	8.2	9.0	9.8	10.8	11.9	13.1	14.3	15.7	17.2	18.6
1.25°	7.8	8.2	9.0	9.8	10.8	11.9	13.1	14.3	15.7	17.2	18.6
0°	7.8	8.2	9.0	9.8	10.9	11.9	13.1	14.3	15.8	17.2	18.6
-1.25°	7.8	8.2	9.0	9.8	10.8	11.9	13.1	14.3	15.7	17.2	18.6
-2.5°	7.8	8.2	9.0	9.8	10.8	11.9	13.1	14.3	15.7	17.2	18.6
-3.75°	7.8	8.2	9.0	9.8	10.8	11.9	13.1	14.3	15.7	17.1	18.5
-5°	7.8	8.2	9.0	9.8	10.8	11.8	13.0	14.2	15.6	17.1	18.5
-6.25°	7.8	8.2	8.9	9.7	10.8	11.8	13.0	14.2	15.6	17.0	18.4
-7.5°	7.8	8.2	8.9	9.7	10.7	11.8	12.9	14.1	15.5	16.9	18.3
-8.75°	7.7	8.1	8.9	9.7	10.7	11.7	12.9	14.0	15.4	16.8	18.2
-10°	7.7	8.1	8.8	9.6	10.6	11.6	12.8	14.0	15.3	16.7	18.1
-11.25°	7.7	8.1	8.8	9.6	10.5	11.6	12.7	13.9	15.2	16.6	18.0
-12.5°	7.7	8.1	8.7	9.5	10.5	11.5	12.6	13.8	15.1	16.5	17.9
-13.75°	7.7	8.1	8.7	9.5	10.4	11.4	12.5	13.6	14.9	16.3	17.7
-15°	7.6	8.0	8.6	9.4	10.3	11.3	12.4	13.5	14.8	16.1	17.5
-16.25°	7.6	8.0	8.6	9.3	10.2	11.2	12.2	13.4	14.6	16.0	17.3
-17.5°	7.6	8.0	8.5	9.3	10.1	11.1	12.1	13.2	14.4	15.8	17.1
-18.75°	7.6	7.9	8.4	9.2	10.0	11.0	12.0	13.1	14.2	15.6	16.9
-20°	7.5	7.9	8.4	9.1	9.9	10.8	11.8	12.9	14.0	15.3	16.7
-21.25°	7.5	7.9	8.3	9.0	9.8	10.7	11.7	12.8	13.9	15.1	16.4



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	7.5	7.8	8.2	8.9	9.7	10.6	11.5	12.6	13.7	14.9	16.2
-23.75°	7.4	7.8	8.1	8.8	9.6	10.4	11.4	12.4	13.5	14.6	15.9
-25°	7.4	7.7	8.1	8.7	9.4	10.3	11.2	12.2	13.3	14.3	15.6
-26.25°	7.3	7.7	8.1	8.6	9.3	10.1	11.0	12.0	13.0	14.1	15.3
-27.5°	7.2	7.6	8.0	8.5	9.2	9.9	10.9	11.8	12.8	13.8	15.0
-28.75°	7.2	7.6	7.9	8.4	9.1	9.8	10.7	11.6	12.5	13.6	14.7
-30°	7.1	7.5	7.9	8.3	8.9	9.6	10.5	11.4	12.3	13.3	14.3
-31.25°	7.0	7.5	7.8	8.2	8.8	9.5	10.3	11.1	12.0	13.0	14.0
-32.5°	6.9	7.4	7.8	8.1	8.7	9.3	10.1	10.9	11.8	12.7	13.7
-33.75°	6.8	7.4	7.7	8.0	8.5	9.2	9.8	10.7	11.5	12.4	13.4
-35°	6.7	7.3	7.6	8.0	8.4	9.0	9.7	10.4	11.3	12.1	13.1
-36.25°	6.6	7.2	7.6	7.9	8.2	8.8	9.5	10.2	11.0	11.8	12.8
-37.5°	6.6	7.1	7.5	7.8	8.1	8.7	9.3	9.9	10.8	11.6	12.4
-38.75°	6.5	7.0	7.4	7.7	8.0	8.5	9.1	9.7	10.5	11.3	12.1
-40°	6.4	6.8	7.3	7.7	8.0	8.3	8.9	9.5	10.2	11.0	11.7
-41.25°	6.3	6.7	7.2	7.6	7.9	8.2	8.7	9.3	9.9	10.7	11.4
-42.5°	6.1	6.6	7.1	7.5	7.8	8.1	8.5	9.1	9.7	10.4	11.1
-43.75°	6.0	6.5	7.0	7.4	7.7	8.0	8.3	8.9	9.4	10.0	10.8
-45°	5.9	6.4	6.8	7.3	7.6	7.9	8.2	8.6	9.2	9.7	10.4
-46.25°	5.8	6.3	6.7	7.1	7.5	7.8	8.0	8.4	8.9	9.5	10.1
-47.5°	5.6	6.1	6.6	7.0	7.4	7.7	7.9	8.2	8.7	9.2	9.7
-48.75°	5.5	6.0	6.4	6.8	7.3	7.6	7.8	8.1	8.5	9.0	9.5
-50°	5.3	5.8	6.3	6.7	7.1	7.5	7.7	8.0	8.2	8.7	9.2
-51.25°	5.2	5.7	6.1	6.5	6.9	7.3	7.6	7.8	8.1	8.4	8.9
-52.5°	5.0	5.5	6.0	6.4	6.8	7.1	7.5	7.7	7.9	8.2	8.6
-53.75°	4.9	5.3	5.8	6.2	6.6	7.0	7.3	7.6	7.8	8.0	8.3
-55°	4.7	5.2	5.6	6.1	6.4	6.8	7.1	7.5	7.7	7.9	8.1
-56.25°	4.6	5.0	5.4	5.9	6.2	6.6	6.9	7.3	7.5	7.7	8.0
-57.5°	4.4	4.8	5.2	5.7	6.1	6.4	6.7	7.1	7.4	7.6	7.8
-58.75°	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.2	7.5	7.6
-60°	4.1	4.5	4.8	5.2	5.6	6.0	6.3	6.6	6.9	7.2	7.5
-61.25°	3.9	4.3	4.7	5.0	5.4	5.8	6.1	6.4	6.7	7.0	7.3
-62.5°	3.7	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.8	7.0
-63.75°	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8
-65°	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.0	6.3	6.5
-66.25°	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.2
-67.5°	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	5.9
-68.75°	2.9	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.1	5.3	5.6
-70°	2.7	3.0	3.2	3.5	3.7	4.0	4.3	4.5	4.8	5.0	5.3
-71.25°	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9
-72.5°	2.3	2.5	2.8	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6
-73.75°	2.1	2.3	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.3
-75°	1.9	2.1	2.3	2.5	2.7	3.0	3.1	3.3	3.5	3.7	3.9
-76.25°	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.6
-77.5°	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	1.3	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9
-80°	1.1	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.2	2.4	2.5
-81.25°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.1
-82.5°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.7	1.8
-83.75°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.4
-85°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
-86.25°	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-88.75°	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
87.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
86.25°	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7
83.75°	1.5	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.2
82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
81.25°	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
80°	2.6	2.8	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8
78.75°	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2	4.3
77.5°	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8
76.25°	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.0	5.2	5.3
75°	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.8
73.75°	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.1	6.3
72.5°	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.2	6.4	6.5	6.7
71.25°	5.2	5.4	5.6	5.8	6.1	6.2	6.4	6.6	6.8	6.9	7.1
70°	5.5	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.5
68.75°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.6	7.7
67.5°	6.2	6.4	6.6	6.9	7.1	7.3	7.5	7.6	7.7	7.8	8.0
66.25°	6.5	6.7	6.9	7.2	7.4	7.5	7.7	7.8	7.9	8.1	8.2
65°	6.8	7.0	7.2	7.5	7.6	7.7	7.9	8.0	8.2	8.4	8.7
63.75°	7.0	7.3	7.5	7.6	7.8	8.0	8.1	8.3	8.6	8.9	9.2
62.5°	7.3	7.5	7.7	7.8	8.0	8.2	8.4	8.7	9.0	9.4	9.7
61.25°	7.5	7.7	7.9	8.0	8.2	8.5	8.8	9.2	9.5	9.8	10.2
60°	7.7	7.9	8.0	8.2	8.6	8.9	9.3	9.6	10.0	10.4	10.8
58.75°	7.8	8.0	8.2	8.6	9.0	9.3	9.7	10.1	10.6	11.0	11.5
57.5°	8.0	8.2	8.6	9.0	9.3	9.7	10.2	10.7	11.1	11.6	12.1
56.25°	8.2	8.5	8.9	9.3	9.7	10.2	10.7	11.2	11.7	12.2	12.8
55°	8.4	8.8	9.3	9.7	10.2	10.7	11.2	11.8	12.3	12.9	13.5
53.75°	8.7	9.2	9.6	10.1	10.7	11.2	11.8	12.3	13.0	13.6	14.1
52.5°	9.0	9.5	10.0	10.6	11.1	11.7	12.3	13.0	13.6	14.2	14.9
51.25°	9.4	9.8	10.4	11.0	11.6	12.2	12.9	13.6	14.2	15.0	15.7
50°	9.7	10.2	10.8	11.5	12.1	12.8	13.5	14.1	14.9	15.7	16.5
48.75°	10.0	10.6	11.3	11.9	12.6	13.3	14.0	14.8	15.7	16.5	17.3
47.5°	10.4	11.0	11.7	12.4	13.1	13.9	14.6	15.5	16.4	17.2	18.0
46.25°	10.7	11.4	12.1	12.9	13.6	14.4	15.3	16.2	17.1	17.9	18.8
45°	11.1	11.8	12.6	13.4	14.1	15.0	16.0	16.9	17.8	18.6	19.5
43.75°	11.5	12.2	13.0	13.8	14.7	15.6	16.6	17.5	18.4	19.3	20.1
42.5°	11.8	12.6	13.5	14.3	15.3	16.2	17.2	18.1	19.1	20.0	20.7
41.25°	12.2	13.1	13.9	14.8	15.8	16.8	17.8	18.8	19.7	20.5	21.2
40°	12.6	13.5	14.3	15.4	16.4	17.4	18.4	19.4	20.2	21.0	21.7
38.75°	13.0	13.9	14.8	15.9	16.9	18.0	19.0	20.0	20.7	21.4	22.2
37.5°	13.3	14.2	15.3	16.4	17.5	18.5	19.5	20.4	21.2	21.9	22.6
36.25°	13.7	14.7	15.8	16.9	18.0	19.0	20.0	20.8	21.6	22.4	23.1
35°	14.0	15.1	16.2	17.4	18.4	19.5	20.4	21.2	22.0	22.8	23.5



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	14.4	15.5	16.7	17.8	18.9	20.0	20.8	21.6	22.4	23.2	23.9
32.5°	14.8	16.0	17.1	18.3	19.4	20.4	21.2	22.0	22.8	23.6	24.3
31.25°	15.2	16.4	17.5	18.7	19.8	20.7	21.6	22.4	23.2	24.0	24.7
30°	15.5	16.8	17.9	19.1	20.2	21.1	21.9	22.7	23.6	24.3	25.0
28.75°	15.9	17.1	18.3	19.5	20.5	21.4	22.3	23.1	23.9	24.6	25.3
27.5°	16.2	17.5	18.7	19.9	20.8	21.7	22.6	23.4	24.2	24.9	25.6
26.25°	16.6	17.8	19.0	20.2	21.1	22.0	22.9	23.7	24.5	25.2	25.9
25°	16.9	18.1	19.4	20.5	21.4	22.3	23.2	24.0	24.8	25.5	26.1
23.75°	17.2	18.5	19.7	20.7	21.6	22.6	23.4	24.3	25.0	25.8	26.3
22.5°	17.5	18.7	20.0	21.0	21.9	22.8	23.7	24.5	25.3	26.0	26.5
21.25°	17.7	19.0	20.2	21.2	22.1	23.0	24.0	24.7	25.5	26.1	26.7
20°	18.0	19.3	20.4	21.4	22.4	23.3	24.2	25.0	25.7	26.3	26.8
18.75°	18.2	19.5	20.6	21.6	22.6	23.5	24.4	25.2	25.9	26.4	27.0
17.5°	18.5	19.8	20.8	21.8	22.8	23.7	24.6	25.3	26.0	26.6	27.1
16.25°	18.7	20.0	21.0	22.0	22.9	23.9	24.7	25.5	26.2	26.7	27.3
15°	18.9	20.2	21.2	22.2	23.1	24.1	24.9	25.7	26.3	26.9	27.4
13.75°	19.0	20.3	21.3	22.3	23.3	24.2	25.0	25.8	26.4	27.0	27.5
12.5°	19.2	20.4	21.4	22.4	23.4	24.3	25.2	25.9	26.5	27.1	27.7
11.25°	19.4	20.5	21.6	22.6	23.5	24.5	25.3	26.0	26.6	27.2	27.8
10°	19.5	20.6	21.7	22.7	23.7	24.6	25.4	26.1	26.7	27.3	27.9
8.75°	19.6	20.7	21.8	22.8	23.8	24.6	25.5	26.2	26.8	27.3	27.9
7.5°	19.7	20.8	21.9	22.9	23.9	24.7	25.6	26.2	26.8	27.4	28.0
6.25°	19.8	20.9	21.9	22.9	23.9	24.8	25.6	26.3	26.9	27.5	28.1
5°	19.9	20.9	22.0	23.0	24.0	24.9	25.7	26.3	26.9	27.5	28.1
3.75°	19.9	21.0	22.0	23.0	24.0	24.9	25.7	26.4	27.0	27.6	28.2
2.5°	20.0	21.0	22.1	23.1	24.1	24.9	25.8	26.4	27.0	27.6	28.2
1.25°	20.0	21.0	22.1	23.1	24.1	24.9	25.8	26.4	27.0	27.6	28.2
0°	20.0	21.1	22.1	23.1	24.1	25.0	25.8	26.4	27.0	27.6	28.2
-1.25°	20.0	21.0	22.1	23.1	24.1	24.9	25.8	26.4	27.0	27.6	28.2
-2.5°	20.0	21.0	22.1	23.1	24.1	24.9	25.8	26.4	27.0	27.6	28.2
-3.75°	19.9	21.0	22.0	23.0	24.0	24.9	25.7	26.4	27.0	27.6	28.2
-5°	19.9	20.9	22.0	23.0	24.0	24.9	25.7	26.3	26.9	27.5	28.1
-6.25°	19.8	20.9	21.9	22.9	23.9	24.8	25.6	26.3	26.9	27.5	28.1
-7.5°	19.7	20.8	21.9	22.9	23.9	24.7	25.6	26.2	26.8	27.4	28.0
-8.75°	19.6	20.7	21.8	22.8	23.8	24.6	25.5	26.2	26.8	27.3	27.9
-10°	19.5	20.6	21.7	22.7	23.7	24.6	25.4	26.1	26.7	27.3	27.9
-11.25°	19.4	20.5	21.6	22.6	23.5	24.5	25.3	26.0	26.6	27.2	27.8
-12.5°	19.2	20.4	21.4	22.4	23.4	24.3	25.2	25.9	26.5	27.1	27.7
-13.75°	19.0	20.3	21.3	22.3	23.3	24.2	25.0	25.8	26.4	27.0	27.5
-15°	18.9	20.2	21.2	22.2	23.1	24.1	24.9	25.7	26.3	26.9	27.4
-16.25°	18.7	20.0	21.0	22.0	22.9	23.9	24.7	25.5	26.2	26.7	27.3
-17.5°	18.5	19.8	20.8	21.8	22.8	23.7	24.6	25.3	26.0	26.6	27.1
-18.75°	18.2	19.5	20.6	21.6	22.6	23.5	24.4	25.2	25.9	26.4	27.0
-20°	18.0	19.3	20.4	21.4	22.4	23.3	24.2	25.0	25.7	26.3	26.8
-21.25°	17.7	19.0	20.2	21.2	22.1	23.0	24.0	24.7	25.5	26.1	26.7



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	17.5	18.7	20.0	21.0	21.9	22.8	23.7	24.5	25.3	26.0	26.5
-23.75°	17.2	18.5	19.7	20.7	21.6	22.6	23.4	24.3	25.0	25.8	26.3
-25°	16.9	18.1	19.4	20.5	21.4	22.3	23.2	24.0	24.8	25.5	26.1
-26.25°	16.6	17.8	19.0	20.2	21.1	22.0	22.9	23.7	24.5	25.2	25.9
-27.5°	16.2	17.5	18.7	19.9	20.8	21.7	22.6	23.4	24.2	24.9	25.6
-28.75°	15.9	17.1	18.3	19.5	20.5	21.4	22.3	23.1	23.9	24.6	25.3
-30°	15.5	16.8	17.9	19.1	20.2	21.1	21.9	22.7	23.6	24.3	25.0
-31.25°	15.2	16.4	17.5	18.7	19.8	20.7	21.6	22.4	23.2	24.0	24.7
-32.5°	14.8	16.0	17.1	18.3	19.4	20.4	21.2	22.0	22.8	23.6	24.3
-33.75°	14.4	15.5	16.7	17.8	18.9	20.0	20.8	21.6	22.4	23.2	23.9
-35°	14.0	15.1	16.2	17.4	18.4	19.5	20.4	21.2	22.0	22.8	23.5
-36.25°	13.7	14.7	15.8	16.9	18.0	19.0	20.0	20.8	21.6	22.4	23.1
-37.5°	13.3	14.2	15.3	16.4	17.5	18.5	19.5	20.4	21.2	21.9	22.6
-38.75°	13.0	13.9	14.8	15.9	16.9	18.0	19.0	20.0	20.7	21.4	22.2
-40°	12.6	13.5	14.3	15.4	16.4	17.4	18.4	19.4	20.2	21.0	21.7
-41.25°	12.2	13.1	13.9	14.8	15.8	16.8	17.8	18.8	19.7	20.5	21.2
-42.5°	11.8	12.6	13.5	14.3	15.3	16.2	17.2	18.1	19.1	20.0	20.7
-43.75°	11.5	12.2	13.0	13.8	14.7	15.6	16.6	17.5	18.4	19.3	20.1
-45°	11.1	11.8	12.6	13.4	14.1	15.0	16.0	16.9	17.8	18.6	19.5
-46.25°	10.7	11.4	12.1	12.9	13.6	14.4	15.3	16.2	17.1	17.9	18.8
-47.5°	10.4	11.0	11.7	12.4	13.1	13.9	14.6	15.5	16.4	17.2	18.0
-48.75°	10.0	10.6	11.3	11.9	12.6	13.3	14.0	14.8	15.7	16.5	17.3
-50°	9.7	10.2	10.8	11.5	12.1	12.8	13.5	14.1	14.9	15.7	16.5
-51.25°	9.4	9.8	10.4	11.0	11.6	12.2	12.9	13.6	14.2	15.0	15.7
-52.5°	9.0	9.5	10.0	10.6	11.1	11.7	12.3	13.0	13.6	14.2	14.9
-53.75°	8.7	9.2	9.6	10.1	10.7	11.2	11.8	12.3	13.0	13.6	14.1
-55°	8.4	8.8	9.3	9.7	10.2	10.7	11.2	11.8	12.3	12.9	13.5
-56.25°	8.2	8.5	8.9	9.3	9.7	10.2	10.7	11.2	11.7	12.2	12.8
-57.5°	8.0	8.2	8.6	9.0	9.3	9.7	10.2	10.7	11.1	11.6	12.1
-58.75°	7.8	8.0	8.2	8.6	9.0	9.3	9.7	10.1	10.6	11.0	11.5
-60°	7.7	7.9	8.0	8.2	8.6	8.9	9.3	9.6	10.0	10.4	10.8
-61.25°	7.5	7.7	7.9	8.0	8.2	8.5	8.8	9.2	9.5	9.8	10.2
-62.5°	7.3	7.5	7.7	7.8	8.0	8.2	8.4	8.7	9.0	9.4	9.7
-63.75°	7.0	7.3	7.5	7.6	7.8	8.0	8.1	8.3	8.6	8.9	9.2
-65°	6.8	7.0	7.2	7.5	7.6	7.7	7.9	8.0	8.2	8.4	8.7
-66.25°	6.5	6.7	6.9	7.2	7.4	7.5	7.7	7.8	7.9	8.1	8.2
-67.5°	6.2	6.4	6.6	6.9	7.1	7.3	7.5	7.6	7.7	7.8	8.0
-68.75°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.6	7.7
-70°	5.5	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.1	7.3	7.5
-71.25°	5.2	5.4	5.6	5.8	6.1	6.2	6.4	6.6	6.8	6.9	7.1
-72.5°	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.2	6.4	6.5	6.7
-73.75°	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.1	6.3
-75°	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.8
-76.25°	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.0	5.2	5.3
-77.5°	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2	4.3
-80°	2.6	2.8	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8
-81.25°	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
-82.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
-83.75°	1.5	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.2
-85°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7
-86.25°	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2
-87.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
86.25°	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6
85°	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2
83.75°	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9
82.5°	2.9	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6
81.25°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.1	4.2
80°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
78.75°	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
77.5°	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1
76.25°	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.6
75°	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8	7.0	7.1	7.2
73.75°	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6
72.5°	6.8	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9
71.25°	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2
70°	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.5	8.7	8.8
68.75°	7.8	7.9	8.0	8.2	8.3	8.5	8.7	8.9	9.1	9.3	9.5
67.5°	8.1	8.2	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.2
66.25°	8.5	8.7	8.9	9.2	9.4	9.7	9.9	10.2	10.5	10.8	11.0
65°	9.0	9.2	9.5	9.7	10.0	10.4	10.7	11.0	11.3	11.6	11.8
63.75°	9.5	9.7	10.1	10.4	10.8	11.1	11.4	11.7	12.1	12.4	12.8
62.5°	10.0	10.4	10.7	11.1	11.5	11.8	12.2	12.6	13.0	13.3	13.7
61.25°	10.6	11.0	11.4	11.8	12.2	12.6	13.1	13.5	13.9	14.2	14.7
60°	11.3	11.7	12.1	12.6	13.0	13.5	13.9	14.3	14.8	15.3	15.8
58.75°	11.9	12.4	12.9	13.4	13.8	14.3	14.8	15.4	15.9	16.4	16.9
57.5°	12.6	13.1	13.6	14.1	14.7	15.3	15.8	16.4	16.9	17.5	18.0
56.25°	13.3	13.9	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.5	19.0
55°	14.0	14.6	15.3	16.0	16.6	17.2	17.8	18.4	19.0	19.5	20.0
53.75°	14.8	15.5	16.2	16.9	17.5	18.1	18.8	19.4	20.0	20.4	20.8
52.5°	15.7	16.4	17.1	17.8	18.4	19.1	19.7	20.2	20.7	21.2	21.6
51.25°	16.5	17.2	17.9	18.6	19.3	20.0	20.5	21.0	21.4	21.9	22.4
50°	17.3	18.0	18.8	19.5	20.1	20.7	21.2	21.7	22.2	22.6	23.1
48.75°	18.1	18.8	19.6	20.2	20.8	21.3	21.9	22.4	22.9	23.3	23.8
47.5°	18.8	19.6	20.3	20.9	21.4	22.0	22.5	23.0	23.5	24.0	24.4
46.25°	19.6	20.3	20.9	21.5	22.1	22.6	23.2	23.7	24.2	24.6	25.0
45°	20.2	20.9	21.5	22.1	22.7	23.2	23.8	24.3	24.8	25.2	25.6
43.75°	20.8	21.4	22.1	22.7	23.3	23.8	24.4	24.8	25.3	25.8	26.1
42.5°	21.3	22.0	22.6	23.2	23.8	24.4	24.9	25.4	25.8	26.2	26.5
41.25°	21.9	22.5	23.2	23.8	24.4	24.9	25.4	25.9	26.2	26.6	26.9
40°	22.4	23.0	23.7	24.3	24.8	25.4	25.9	26.2	26.6	27.0	27.3
38.75°	22.9	23.5	24.2	24.8	25.3	25.8	26.2	26.6	27.0	27.3	27.7
37.5°	23.3	24.0	24.6	25.2	25.8	26.2	26.6	27.0	27.3	27.7	28.1
36.25°	23.8	24.4	25.0	25.6	26.1	26.5	26.9	27.3	27.7	28.1	28.4
35°	24.2	24.8	25.5	26.0	26.4	26.8	27.2	27.7	28.1	28.4	28.6



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	24.6	25.2	25.8	26.3	26.7	27.1	27.6	28.0	28.3	28.6	28.9
32.5°	25.0	25.6	26.1	26.6	27.0	27.5	27.9	28.3	28.6	28.8	29.1
31.25°	25.3	25.9	26.4	26.9	27.3	27.8	28.2	28.5	28.8	29.0	29.2
30°	25.7	26.2	26.7	27.1	27.6	28.0	28.4	28.7	29.0	29.2	29.4
28.75°	26.0	26.4	26.9	27.4	27.9	28.3	28.6	28.9	29.1	29.3	29.5
27.5°	26.2	26.7	27.2	27.6	28.1	28.5	28.8	29.1	29.3	29.4	29.7
26.25°	26.4	26.9	27.4	27.9	28.3	28.6	29.0	29.2	29.4	29.6	29.9
25°	26.6	27.1	27.6	28.1	28.5	28.8	29.1	29.3	29.5	29.8	30.1
23.75°	26.8	27.3	27.8	28.3	28.6	29.0	29.2	29.4	29.7	30.0	30.3
22.5°	27.0	27.5	28.1	28.5	28.8	29.1	29.3	29.5	29.9	30.2	30.6
21.25°	27.2	27.7	28.2	28.6	28.9	29.2	29.4	29.7	30.0	30.4	30.9
20°	27.4	27.9	28.4	28.7	29.0	29.3	29.5	29.8	30.2	30.6	31.2
18.75°	27.5	28.1	28.5	28.9	29.1	29.4	29.6	30.0	30.3	30.9	31.4
17.5°	27.7	28.2	28.6	29.0	29.2	29.4	29.8	30.1	30.6	31.1	31.8
16.25°	27.9	28.3	28.7	29.1	29.3	29.5	29.9	30.3	30.8	31.3	32.4
15°	28.0	28.4	28.8	29.1	29.3	29.6	30.0	30.4	31.0	31.5	32.9
13.75°	28.1	28.5	28.9	29.2	29.4	29.7	30.1	30.6	31.1	32.0	33.3
12.5°	28.2	28.6	29.0	29.2	29.5	29.8	30.2	30.7	31.3	32.4	33.7
11.25°	28.3	28.7	29.0	29.3	29.5	29.9	30.3	30.9	31.5	32.8	34.1
10°	28.4	28.7	29.1	29.3	29.6	30.0	30.4	31.0	31.7	33.1	34.6
8.75°	28.4	28.8	29.1	29.4	29.7	30.1	30.5	31.1	32.0	33.4	35.5
7.5°	28.5	28.9	29.2	29.4	29.7	30.1	30.6	31.2	32.2	33.7	36.2
6.25°	28.5	28.9	29.2	29.4	29.8	30.2	30.7	31.3	32.5	33.9	36.8
5°	28.5	28.9	29.2	29.5	29.8	30.2	30.8	31.4	32.6	34.1	37.3
3.75°	28.6	29.0	29.2	29.5	29.9	30.3	30.8	31.4	32.8	34.2	37.7
2.5°	28.6	29.0	29.2	29.5	29.9	30.3	30.9	31.5	32.9	34.3	38.0
1.25°	28.6	29.0	29.2	29.5	29.9	30.3	30.9	31.5	32.9	34.4	38.2
0°	28.6	29.0	29.3	29.5	29.9	30.3	30.9	31.5	33.0	34.4	38.3
-1.25°	28.6	29.0	29.2	29.5	29.9	30.3	30.9	31.5	32.9	34.4	38.2
-2.5°	28.6	29.0	29.2	29.5	29.9	30.3	30.9	31.5	32.9	34.3	38.0
-3.75°	28.6	29.0	29.2	29.5	29.9	30.3	30.8	31.4	32.8	34.2	37.7
-5°	28.5	28.9	29.2	29.5	29.8	30.2	30.8	31.4	32.6	34.1	37.3
-6.25°	28.5	28.9	29.2	29.4	29.8	30.2	30.7	31.3	32.5	33.9	36.8
-7.5°	28.5	28.9	29.2	29.4	29.7	30.1	30.6	31.2	32.2	33.7	36.2
-8.75°	28.4	28.8	29.1	29.4	29.7	30.1	30.5	31.1	32.0	33.4	35.5
-10°	28.4	28.7	29.1	29.3	29.6	30.0	30.4	31.0	31.7	33.1	34.6
-11.25°	28.3	28.7	29.0	29.3	29.5	29.9	30.3	30.9	31.5	32.8	34.1
-12.5°	28.2	28.6	29.0	29.2	29.5	29.8	30.2	30.7	31.3	32.4	33.7
-13.75°	28.1	28.5	28.9	29.2	29.4	29.7	30.1	30.6	31.1	32.0	33.3
-15°	28.0	28.4	28.8	29.1	29.3	29.6	30.0	30.4	31.0	31.5	32.9
-16.25°	27.9	28.3	28.7	29.1	29.3	29.5	29.9	30.3	30.8	31.3	32.4
-17.5°	27.7	28.2	28.6	29.0	29.2	29.4	29.8	30.1	30.6	31.1	31.8
-18.75°	27.5	28.1	28.5	28.9	29.1	29.4	29.6	30.0	30.3	30.9	31.4
-20°	27.4	27.9	28.4	28.7	29.0	29.3	29.5	29.8	30.2	30.6	31.2
-21.25°	27.2	27.7	28.2	28.6	28.9	29.2	29.4	29.7	30.0	30.4	30.9



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	27.0	27.5	28.1	28.5	28.8	29.1	29.3	29.5	29.9	30.2	30.6
-23.75°	26.8	27.3	27.8	28.3	28.6	29.0	29.2	29.4	29.7	30.0	30.3
-25°	26.6	27.1	27.6	28.1	28.5	28.8	29.1	29.3	29.5	29.8	30.1
-26.25°	26.4	26.9	27.4	27.9	28.3	28.6	29.0	29.2	29.4	29.6	29.9
-27.5°	26.2	26.7	27.2	27.6	28.1	28.5	28.8	29.1	29.3	29.4	29.7
-28.75°	26.0	26.4	26.9	27.4	27.9	28.3	28.6	28.9	29.1	29.3	29.5
-30°	25.7	26.2	26.7	27.1	27.6	28.0	28.4	28.7	29.0	29.2	29.4
-31.25°	25.3	25.9	26.4	26.9	27.3	27.8	28.2	28.5	28.8	29.0	29.2
-32.5°	25.0	25.6	26.1	26.6	27.0	27.5	27.9	28.3	28.6	28.8	29.1
-33.75°	24.6	25.2	25.8	26.3	26.7	27.1	27.6	28.0	28.3	28.6	28.9
-35°	24.2	24.8	25.5	26.0	26.4	26.8	27.2	27.7	28.1	28.4	28.6
-36.25°	23.8	24.4	25.0	25.6	26.1	26.5	26.9	27.3	27.7	28.1	28.4
-37.5°	23.3	24.0	24.6	25.2	25.8	26.2	26.6	27.0	27.3	27.7	28.1
-38.75°	22.9	23.5	24.2	24.8	25.3	25.8	26.2	26.6	27.0	27.3	27.7
-40°	22.4	23.0	23.7	24.3	24.8	25.4	25.9	26.2	26.6	27.0	27.3
-41.25°	21.9	22.5	23.2	23.8	24.4	24.9	25.4	25.9	26.2	26.6	26.9
-42.5°	21.3	22.0	22.6	23.2	23.8	24.4	24.9	25.4	25.8	26.2	26.5
-43.75°	20.8	21.4	22.1	22.7	23.3	23.8	24.4	24.8	25.3	25.8	26.1
-45°	20.2	20.9	21.5	22.1	22.7	23.2	23.8	24.3	24.8	25.2	25.6
-46.25°	19.6	20.3	20.9	21.5	22.1	22.6	23.2	23.7	24.2	24.6	25.0
-47.5°	18.8	19.6	20.3	20.9	21.4	22.0	22.5	23.0	23.5	24.0	24.4
-48.75°	18.1	18.8	19.6	20.2	20.8	21.3	21.9	22.4	22.9	23.3	23.8
-50°	17.3	18.0	18.8	19.5	20.1	20.7	21.2	21.7	22.2	22.6	23.1
-51.25°	16.5	17.2	17.9	18.6	19.3	20.0	20.5	21.0	21.4	21.9	22.4
-52.5°	15.7	16.4	17.1	17.8	18.4	19.1	19.7	20.2	20.7	21.2	21.6
-53.75°	14.8	15.5	16.2	16.9	17.5	18.1	18.8	19.4	20.0	20.4	20.8
-55°	14.0	14.6	15.3	16.0	16.6	17.2	17.8	18.4	19.0	19.5	20.0
-56.25°	13.3	13.9	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.5	19.0
-57.5°	12.6	13.1	13.6	14.1	14.7	15.3	15.8	16.4	16.9	17.5	18.0
-58.75°	11.9	12.4	12.9	13.4	13.8	14.3	14.8	15.4	15.9	16.4	16.9
-60°	11.3	11.7	12.1	12.6	13.0	13.5	13.9	14.3	14.8	15.3	15.8
-61.25°	10.6	11.0	11.4	11.8	12.2	12.6	13.1	13.5	13.9	14.2	14.7
-62.5°	10.0	10.4	10.7	11.1	11.5	11.8	12.2	12.6	13.0	13.3	13.7
-63.75°	9.5	9.7	10.1	10.4	10.8	11.1	11.4	11.7	12.1	12.4	12.8
-65°	9.0	9.2	9.5	9.7	10.0	10.4	10.7	11.0	11.3	11.6	11.8
-66.25°	8.5	8.7	8.9	9.2	9.4	9.7	9.9	10.2	10.5	10.8	11.0
-67.5°	8.1	8.2	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.2
-68.75°	7.8	7.9	8.0	8.2	8.3	8.5	8.7	8.9	9.1	9.3	9.5
-70°	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.5	8.7	8.8
-71.25°	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2
-72.5°	6.8	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9
-73.75°	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6
-75°	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8	7.0	7.1	7.2
-76.25°	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.6
-77.5°	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0	6.1



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-80°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
-81.25°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.1	4.2
-82.5°	2.9	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.6
-83.75°	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9
-85°	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2
-86.25°	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6
-87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9
85°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6
83.75°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.4
82.5°	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1
81.25°	4.3	4.4	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9
80°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6
78.75°	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.1	6.2	6.2	6.3
77.5°	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8	6.8	6.9
76.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5
75°	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8
73.75°	7.6	7.7	7.8	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.2
72.5°	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
71.25°	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.6	9.7
70°	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.3	10.4	10.6
68.75°	9.7	9.8	10.1	10.3	10.5	10.7	10.9	11.0	11.2	11.4	11.5
67.5°	10.4	10.7	10.9	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.6
66.25°	11.3	11.5	11.8	12.0	12.3	12.5	12.8	13.0	13.3	13.5	13.7
65°	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.1	14.3	14.6	14.9
63.75°	13.1	13.4	13.7	14.0	14.3	14.7	15.0	15.3	15.6	15.9	16.2
62.5°	14.0	14.4	14.8	15.2	15.5	15.9	16.2	16.6	16.9	17.2	17.5
61.25°	15.1	15.5	16.0	16.4	16.8	17.1	17.5	17.8	18.1	18.5	18.7
60°	16.2	16.7	17.1	17.5	17.9	18.3	18.7	19.0	19.4	19.7	20.0
58.75°	17.4	17.8	18.3	18.7	19.1	19.5	19.9	20.2	20.5	20.7	21.0
57.5°	18.4	18.9	19.4	19.8	20.2	20.5	20.8	21.1	21.4	21.6	21.9
56.25°	19.5	20.0	20.4	20.7	21.1	21.4	21.7	22.0	22.3	22.6	22.8
55°	20.4	20.8	21.2	21.6	21.9	22.3	22.6	22.9	23.2	23.4	23.7
53.75°	21.2	21.6	22.0	22.4	22.7	23.1	23.4	23.7	24.0	24.3	24.5
52.5°	22.0	22.4	22.8	23.2	23.6	23.9	24.2	24.5	24.8	25.0	25.3
51.25°	22.8	23.2	23.6	24.0	24.3	24.6	24.9	25.2	25.5	25.8	26.0
50°	23.5	23.9	24.3	24.7	25.0	25.3	25.6	25.9	26.1	26.3	26.5
48.75°	24.2	24.6	25.0	25.3	25.7	26.0	26.2	26.4	26.6	26.8	27.0
47.5°	24.8	25.2	25.6	25.9	26.2	26.4	26.7	26.9	27.1	27.3	27.5
46.25°	25.5	25.8	26.1	26.4	26.7	26.9	27.2	27.4	27.6	27.8	28.1
45°	26.0	26.3	26.6	26.9	27.1	27.4	27.6	27.9	28.1	28.3	28.5
43.75°	26.4	26.7	27.0	27.3	27.6	27.9	28.1	28.3	28.5	28.6	28.8
42.5°	26.8	27.1	27.5	27.8	28.0	28.3	28.5	28.6	28.8	29.0	29.1
41.25°	27.2	27.6	27.9	28.2	28.4	28.6	28.8	29.0	29.1	29.2	29.3
40°	27.7	28.0	28.3	28.5	28.7	28.9	29.1	29.2	29.3	29.4	29.5
38.75°	28.1	28.3	28.6	28.8	29.0	29.1	29.3	29.4	29.5	29.7	29.9
37.5°	28.4	28.6	28.8	29.0	29.2	29.3	29.4	29.6	29.8	30.0	30.2
36.25°	28.6	28.9	29.1	29.2	29.4	29.5	29.7	29.9	30.1	30.3	30.6
35°	28.9	29.1	29.2	29.4	29.6	29.8	30.0	30.2	30.5	30.8	31.1



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	29.1	29.2	29.4	29.6	29.8	30.1	30.3	30.6	31.0	31.3	31.7
32.5°	29.2	29.4	29.6	29.9	30.1	30.4	30.7	31.1	31.4	32.1	32.9
31.25°	29.4	29.6	29.9	30.1	30.4	30.8	31.2	31.6	32.4	33.2	34.0
30°	29.6	29.8	30.1	30.4	30.8	31.2	31.7	32.6	33.5	34.3	36.4
28.75°	29.8	30.1	30.4	30.8	31.2	31.8	32.7	33.6	34.8	37.1	39.3
27.5°	30.0	30.3	30.7	31.2	31.7	32.7	33.7	35.0	37.5	39.9	42.3
26.25°	30.2	30.6	31.1	31.6	32.6	33.6	35.0	37.6	40.2	43.2	48.1
25°	30.5	31.0	31.4	32.4	33.5	34.8	37.5	40.2	43.5	48.7	53.7
23.75°	30.8	31.3	32.1	33.2	34.3	37.1	39.9	43.2	48.7	54.0	59.5
22.5°	31.1	31.7	32.9	34.0	36.4	39.3	42.3	48.1	53.7	59.5	65.8
21.25°	31.4	32.4	33.6	35.4	38.5	41.5	46.9	52.8	58.7	65.4	72.0
20°	31.9	33.1	34.3	37.3	40.5	45.0	51.2	57.3	64.3	71.2	78.6
18.75°	32.5	33.7	35.9	39.2	42.7	49.1	55.4	62.4	69.6	76.9	86.9
17.5°	33.1	34.4	37.6	40.9	46.4	52.9	59.7	67.3	74.7	84.3	103.8
16.25°	33.6	35.8	39.2	43.1	49.9	56.6	64.2	71.9	80.9	97.4	130.5
15°	34.2	37.3	40.7	46.3	53.2	60.4	68.4	76.4	88.4	115.1	163.7
13.75°	35.1	38.6	42.1	49.2	56.3	64.2	72.4	82.2	101.7	142.0	204.2
12.5°	36.3	39.8	44.8	52.0	59.4	67.7	76.1	88.9	118.9	173.5	247.7
11.25°	37.3	41.0	47.2	54.5	62.4	71.0	80.7	99.8	141.0	206.8	290.2
10°	38.3	42.0	49.3	56.7	65.2	73.9	85.0	110.4	164.8	241.9	334.7
8.75°	39.2	43.8	51.3	58.9	67.7	76.7	91.8	127.6	190.8	275.1	374.9
7.5°	40.0	45.4	52.9	61.0	69.9	79.9	99.2	142.7	213.6	306.1	413.9
6.25°	40.6	46.7	54.4	62.8	71.8	82.6	105.5	156.9	237.0	335.0	448.0
5°	41.1	47.9	55.6	64.3	73.3	84.8	112.5	172.2	256.6	358.9	476.3
3.75°	41.6	48.8	56.5	65.4	74.5	86.9	120.4	184.2	272.1	377.7	499.5
2.5°	41.9	49.4	57.2	66.2	75.4	89.7	126.1	192.9	283.2	392.5	516.3
1.25°	42.0	49.8	57.6	66.7	75.9	91.4	129.6	198.1	289.9	401.6	526.4
0°	42.1	49.9	57.7	66.9	76.1	91.9	130.7	199.9	292.1	404.7	529.8
-1.25°	42.0	49.8	57.6	66.7	75.9	91.4	129.6	198.1	289.9	401.6	526.4
-2.5°	41.9	49.4	57.2	66.2	75.4	89.7	126.1	192.9	283.2	392.5	516.3
-3.75°	41.6	48.8	56.5	65.4	74.5	86.9	120.4	184.2	272.1	377.7	499.5
-5°	41.1	47.9	55.6	64.3	73.3	84.8	112.5	172.2	256.6	358.9	476.3
-6.25°	40.6	46.7	54.4	62.8	71.8	82.6	105.5	156.9	237.0	335.0	448.0
-7.5°	40.0	45.4	52.9	61.0	69.9	79.9	99.2	142.7	213.6	306.1	413.9
-8.75°	39.2	43.8	51.3	58.9	67.7	76.7	91.8	127.6	190.8	275.1	374.9
-10°	38.3	42.0	49.3	56.7	65.2	73.9	85.0	110.4	164.8	241.9	334.7
-11.25°	37.3	41.0	47.2	54.5	62.4	71.0	80.7	99.8	141.0	206.8	290.2
-12.5°	36.3	39.8	44.8	52.0	59.4	67.7	76.1	88.9	118.9	173.5	247.7
-13.75°	35.1	38.6	42.1	49.2	56.3	64.2	72.4	82.2	101.7	142.0	204.2
-15°	34.2	37.3	40.7	46.3	53.2	60.4	68.4	76.4	88.4	115.1	163.7
-16.25°	33.6	35.8	39.2	43.1	49.9	56.6	64.2	71.9	80.9	97.4	130.5
-17.5°	33.1	34.4	37.6	40.9	46.4	52.9	59.7	67.3	74.7	84.3	103.8
-18.75°	32.5	33.7	35.9	39.2	42.7	49.1	55.4	62.4	69.6	76.9	86.9
-20°	31.9	33.1	34.3	37.3	40.5	45.0	51.2	57.3	64.3	71.2	78.6
-21.25°	31.4	32.4	33.6	35.4	38.5	41.5	46.9	52.8	58.7	65.4	72.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	31.1	31.7	32.9	34.0	36.4	39.3	42.3	48.1	53.7	59.5	65.8
-23.75°	30.8	31.3	32.1	33.2	34.3	37.1	39.9	43.2	48.7	54.0	59.5
-25°	30.5	31.0	31.4	32.4	33.5	34.8	37.5	40.2	43.5	48.7	53.7
-26.25°	30.2	30.6	31.1	31.6	32.6	33.6	35.0	37.6	40.2	43.2	48.1
-27.5°	30.0	30.3	30.7	31.2	31.7	32.7	33.7	35.0	37.5	39.9	42.3
-28.75°	29.8	30.1	30.4	30.8	31.2	31.8	32.7	33.6	34.8	37.1	39.3
-30°	29.6	29.8	30.1	30.4	30.8	31.2	31.7	32.6	33.5	34.3	36.4
-31.25°	29.4	29.6	29.9	30.1	30.4	30.8	31.2	31.6	32.4	33.2	34.0
-32.5°	29.2	29.4	29.6	29.9	30.1	30.4	30.7	31.1	31.4	32.1	32.9
-33.75°	29.1	29.2	29.4	29.6	29.8	30.1	30.3	30.6	31.0	31.3	31.7
-35°	28.9	29.1	29.2	29.4	29.6	29.8	30.0	30.2	30.5	30.8	31.1
-36.25°	28.6	28.9	29.1	29.2	29.4	29.5	29.7	29.9	30.1	30.3	30.6
-37.5°	28.4	28.6	28.8	29.0	29.2	29.3	29.4	29.6	29.8	30.0	30.2
-38.75°	28.1	28.3	28.6	28.8	29.0	29.1	29.3	29.4	29.5	29.7	29.9
-40°	27.7	28.0	28.3	28.5	28.7	28.9	29.1	29.2	29.3	29.4	29.5
-41.25°	27.2	27.6	27.9	28.2	28.4	28.6	28.8	29.0	29.1	29.2	29.3
-42.5°	26.8	27.1	27.5	27.8	28.0	28.3	28.5	28.6	28.8	29.0	29.1
-43.75°	26.4	26.7	27.0	27.3	27.6	27.9	28.1	28.3	28.5	28.6	28.8
-45°	26.0	26.3	26.6	26.9	27.1	27.4	27.6	27.9	28.1	28.3	28.5
-46.25°	25.5	25.8	26.1	26.4	26.7	26.9	27.2	27.4	27.6	27.8	28.1
-47.5°	24.8	25.2	25.6	25.9	26.2	26.4	26.7	26.9	27.1	27.3	27.5
-48.75°	24.2	24.6	25.0	25.3	25.7	26.0	26.2	26.4	26.6	26.8	27.0
-50°	23.5	23.9	24.3	24.7	25.0	25.3	25.6	25.9	26.1	26.3	26.5
-51.25°	22.8	23.2	23.6	24.0	24.3	24.6	24.9	25.2	25.5	25.8	26.0
-52.5°	22.0	22.4	22.8	23.2	23.6	23.9	24.2	24.5	24.8	25.0	25.3
-53.75°	21.2	21.6	22.0	22.4	22.7	23.1	23.4	23.7	24.0	24.3	24.5
-55°	20.4	20.8	21.2	21.6	21.9	22.3	22.6	22.9	23.2	23.4	23.7
-56.25°	19.5	20.0	20.4	20.7	21.1	21.4	21.7	22.0	22.3	22.6	22.8
-57.5°	18.4	18.9	19.4	19.8	20.2	20.5	20.8	21.1	21.4	21.6	21.9
-58.75°	17.4	17.8	18.3	18.7	19.1	19.5	19.9	20.2	20.5	20.7	21.0
-60°	16.2	16.7	17.1	17.5	17.9	18.3	18.7	19.0	19.4	19.7	20.0
-61.25°	15.1	15.5	16.0	16.4	16.8	17.1	17.5	17.8	18.1	18.5	18.7
-62.5°	14.0	14.4	14.8	15.2	15.5	15.9	16.2	16.6	16.9	17.2	17.5
-63.75°	13.1	13.4	13.7	14.0	14.3	14.7	15.0	15.3	15.6	15.9	16.2
-65°	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.1	14.3	14.6	14.9
-66.25°	11.3	11.5	11.8	12.0	12.3	12.5	12.8	13.0	13.3	13.5	13.7
-67.5°	10.4	10.7	10.9	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.6
-68.75°	9.7	9.8	10.1	10.3	10.5	10.7	10.9	11.0	11.2	11.4	11.5
-70°	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.3	10.4	10.6
-71.25°	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.6	9.7
-72.5°	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
-73.75°	7.6	7.7	7.8	7.8	7.9	7.9	8.0	8.1	8.1	8.1	8.2
-75°	7.3	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8
-76.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5
-77.5°	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8	6.8	6.9



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.1	6.2	6.2	6.3
-80°	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6	5.6
-81.25°	4.3	4.4	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9
-82.5°	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1
-83.75°	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.4
-85°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6
-86.25°	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9
-87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
86.25°	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.9
83.75°	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.7
82.5°	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
81.25°	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
80°	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0
78.75°	6.3	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.7	6.7
77.5°	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.3	7.3	7.3
76.25°	7.5	7.5	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7
75°	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1
73.75°	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9
72.5°	9.0	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.7
71.25°	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7
70°	10.7	10.8	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7
68.75°	11.7	11.8	12.0	12.1	12.2	12.4	12.5	12.6	12.7	12.8	12.9
67.5°	12.8	12.9	13.1	13.2	13.4	13.5	13.6	13.8	13.9	14.0	14.0
66.25°	13.9	14.0	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.3	15.4
65°	15.1	15.3	15.6	15.8	16.0	16.1	16.3	16.5	16.6	16.7	16.8
63.75°	16.4	16.7	16.9	17.1	17.3	17.5	17.7	17.9	18.0	18.1	18.2
62.5°	17.7	18.0	18.2	18.5	18.7	18.9	19.0	19.2	19.4	19.5	19.6
61.25°	19.0	19.3	19.5	19.8	20.0	20.2	20.3	20.4	20.5	20.6	20.7
60°	20.2	20.4	20.6	20.8	21.0	21.2	21.3	21.4	21.6	21.7	21.8
58.75°	21.2	21.4	21.6	21.8	22.0	22.2	22.3	22.4	22.6	22.7	22.8
57.5°	22.1	22.4	22.6	22.8	22.9	23.1	23.3	23.4	23.5	23.7	23.8
56.25°	23.0	23.3	23.5	23.7	23.9	24.1	24.2	24.3	24.5	24.6	24.6
55°	24.0	24.2	24.4	24.6	24.7	24.9	25.0	25.2	25.3	25.4	25.5
53.75°	24.7	25.0	25.2	25.3	25.5	25.7	25.8	25.9	26.0	26.1	26.2
52.5°	25.5	25.7	25.9	26.0	26.2	26.3	26.4	26.5	26.6	26.7	26.8
51.25°	26.1	26.3	26.4	26.6	26.7	26.9	27.0	27.1	27.2	27.3	27.3
50°	26.7	26.8	27.0	27.1	27.3	27.4	27.5	27.7	27.8	27.9	27.9
48.75°	27.2	27.4	27.5	27.7	27.9	28.0	28.1	28.2	28.3	28.4	28.4
47.5°	27.7	27.9	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.7	28.8
46.25°	28.2	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.0	29.1	29.1
45°	28.6	28.7	28.9	29.0	29.1	29.1	29.2	29.2	29.3	29.3	29.4
43.75°	28.9	29.0	29.1	29.2	29.3	29.3	29.4	29.5	29.5	29.6	29.7
42.5°	29.2	29.3	29.4	29.4	29.5	29.6	29.7	29.8	29.9	30.0	30.1
41.25°	29.4	29.5	29.6	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5
40°	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	31.0	31.1
38.75°	30.0	30.2	30.3	30.6	30.8	31.0	31.1	31.3	31.5	31.7	32.0
37.5°	30.4	30.6	30.9	31.1	31.3	31.5	32.0	32.4	32.8	33.1	33.4
36.25°	30.9	31.2	31.4	31.8	32.4	32.9	33.3	33.7	34.1	34.6	35.5
35°	31.4	31.9	32.5	33.1	33.6	34.2	35.1	36.3	37.3	38.3	39.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	32.4	33.1	33.7	34.4	35.8	37.3	38.6	39.8	41.0	42.0	43.8
32.5°	33.6	34.3	35.9	37.6	39.2	40.7	42.1	44.8	47.2	49.3	51.3
31.25°	35.4	37.3	39.2	40.9	43.1	46.3	49.2	52.0	54.5	56.7	58.9
30°	38.5	40.5	42.7	46.4	49.9	53.2	56.3	59.4	62.4	65.2	67.7
28.75°	41.5	45.0	49.1	52.9	56.6	60.4	64.2	67.7	71.0	73.9	76.7
27.5°	46.9	51.2	55.4	59.7	64.2	68.4	72.4	76.1	80.7	85.0	91.8
26.25°	52.8	57.3	62.4	67.3	71.9	76.4	82.2	88.9	99.8	110.4	127.6
25°	58.7	64.3	69.6	74.7	80.9	88.4	101.7	118.9	141.0	164.8	190.8
23.75°	65.4	71.2	76.9	84.3	97.4	115.1	142.0	173.5	206.8	241.9	275.1
22.5°	72.0	78.6	86.9	103.8	130.5	163.7	204.2	247.7	290.2	334.7	374.9
21.25°	79.2	89.4	107.7	140.9	182.8	230.2	281.7	335.5	387.8	440.4	488.2
20°	89.4	109.2	146.1	194.4	249.4	308.4	370.4	434.3	495.5	553.6	605.6
18.75°	107.7	146.1	198.3	259.1	325.7	395.6	468.1	539.1	605.3	665.4	717.2
17.5°	140.9	194.4	259.1	331.4	408.9	489.1	568.8	642.6	709.3	768.4	824.6
16.25°	182.8	249.4	325.7	408.9	496.4	583.7	665.3	738.4	807.5	873.4	935.4
15°	230.2	308.4	395.6	489.1	583.7	672.9	753.1	831.6	907.7	979.9	1047.4
13.75°	281.7	370.4	468.1	568.8	665.3	753.1	839.7	925.1	1007.6	1085.6	1155.3
12.5°	335.5	434.3	539.1	642.6	738.4	831.6	925.1	1017.0	1104.6	1184.7	1255.5
11.25°	387.8	495.5	605.3	709.3	807.5	907.7	1007.6	1104.6	1194.2	1275.5	1346.5
10°	440.4	553.6	665.4	768.4	873.4	979.9	1085.6	1184.7	1275.5	1356.5	1427.9
8.75°	488.2	605.6	717.2	824.6	935.4	1047.4	1155.3	1255.5	1346.5	1427.9	1501.1
7.5°	532.2	651.2	762.2	875.0	991.2	1107.1	1216.3	1317.0	1408.3	1491.0	1565.1
6.25°	570.1	689.9	802.5	920.1	1040.6	1158.3	1268.9	1369.9	1461.4	1545.3	1620.5
5°	601.1	720.4	836.6	957.9	1081.9	1200.5	1311.0	1412.1	1505.2	1589.7	1667.7
3.75°	625.3	744.4	863.6	988.1	1113.7	1233.2	1344.3	1446.0	1539.8	1625.1	1704.5
2.5°	642.7	761.7	883.5	1010.2	1136.8	1257.1	1368.4	1469.9	1564.0	1651.1	1731.9
1.25°	653.3	772.2	895.7	1023.6	1150.9	1271.5	1382.2	1484.3	1578.8	1667.1	1747.6
0°	656.8	775.7	899.8	1028.1	1155.6	1276.4	1386.9	1489.2	1583.8	1672.5	1752.7
-1.25°	653.3	772.2	895.7	1023.6	1150.9	1271.5	1382.2	1484.3	1578.8	1667.1	1747.6
-2.5°	642.7	761.7	883.5	1010.2	1136.8	1257.1	1368.4	1469.9	1564.0	1651.1	1731.9
-3.75°	625.3	744.4	863.6	988.1	1113.7	1233.2	1344.3	1446.0	1539.8	1625.1	1704.5
-5°	601.1	720.4	836.6	957.9	1081.9	1200.5	1311.0	1412.1	1505.2	1589.7	1667.7
-6.25°	570.1	689.9	802.5	920.1	1040.6	1158.3	1268.9	1369.9	1461.4	1545.3	1620.5
-7.5°	532.2	651.2	762.2	875.0	991.2	1107.1	1216.3	1317.0	1408.3	1491.0	1565.1
-8.75°	488.2	605.6	717.2	824.6	935.4	1047.4	1155.3	1255.5	1346.5	1427.9	1501.1
-10°	440.4	553.6	665.4	768.4	873.4	979.9	1085.6	1184.7	1275.5	1356.5	1427.9
-11.25°	387.8	495.5	605.3	709.3	807.5	907.7	1007.6	1104.6	1194.2	1275.5	1346.5
-12.5°	335.5	434.3	539.1	642.6	738.4	831.6	925.1	1017.0	1104.6	1184.7	1255.5
-13.75°	281.7	370.4	468.1	568.8	665.3	753.1	839.7	925.1	1007.6	1085.6	1155.3
-15°	230.2	308.4	395.6	489.1	583.7	672.9	753.1	831.6	907.7	979.9	1047.4
-16.25°	182.8	249.4	325.7	408.9	496.4	583.7	665.3	738.4	807.5	873.4	935.4
-17.5°	140.9	194.4	259.1	331.4	408.9	489.1	568.8	642.6	709.3	768.4	824.6
-18.75°	107.7	146.1	198.3	259.1	325.7	395.6	468.1	539.1	605.3	665.4	717.2
-20°	89.4	109.2	146.1	194.4	249.4	308.4	370.4	434.3	495.5	553.6	605.6
-21.25°	79.2	89.4	107.7	140.9	182.8	230.2	281.7	335.5	387.8	440.4	488.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	72.0	78.6	86.9	103.8	130.5	163.7	204.2	247.7	290.2	334.7	374.9
-23.75°	65.4	71.2	76.9	84.3	97.4	115.1	142.0	173.5	206.8	241.9	275.1
-25°	58.7	64.3	69.6	74.7	80.9	88.4	101.7	118.9	141.0	164.8	190.8
-26.25°	52.8	57.3	62.4	67.3	71.9	76.4	82.2	88.9	99.8	110.4	127.6
-27.5°	46.9	51.2	55.4	59.7	64.2	68.4	72.4	76.1	80.7	85.0	91.8
-28.75°	41.5	45.0	49.1	52.9	56.6	60.4	64.2	67.7	71.0	73.9	76.7
-30°	38.5	40.5	42.7	46.4	49.9	53.2	56.3	59.4	62.4	65.2	67.7
-31.25°	35.4	37.3	39.2	40.9	43.1	46.3	49.2	52.0	54.5	56.7	58.9
-32.5°	33.6	34.3	35.9	37.6	39.2	40.7	42.1	44.8	47.2	49.3	51.3
-33.75°	32.4	33.1	33.7	34.4	35.8	37.3	38.6	39.8	41.0	42.0	43.8
-35°	31.4	31.9	32.5	33.1	33.6	34.2	35.1	36.3	37.3	38.3	39.2
-36.25°	30.9	31.2	31.4	31.8	32.4	32.9	33.3	33.7	34.1	34.6	35.5
-37.5°	30.4	30.6	30.9	31.1	31.3	31.5	32.0	32.4	32.8	33.1	33.4
-38.75°	30.0	30.2	30.3	30.6	30.8	31.0	31.1	31.3	31.5	31.7	32.0
-40°	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	31.0	31.1
-41.25°	29.4	29.5	29.6	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5
-42.5°	29.2	29.3	29.4	29.4	29.5	29.6	29.7	29.8	29.9	30.0	30.1
-43.75°	28.9	29.0	29.1	29.2	29.3	29.3	29.4	29.5	29.5	29.6	29.7
-45°	28.6	28.7	28.9	29.0	29.1	29.1	29.2	29.2	29.3	29.3	29.4
-46.25°	28.2	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.0	29.1	29.1
-47.5°	27.7	27.9	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.7	28.8
-48.75°	27.2	27.4	27.5	27.7	27.9	28.0	28.1	28.2	28.3	28.4	28.4
-50°	26.7	26.8	27.0	27.1	27.3	27.4	27.5	27.7	27.8	27.9	27.9
-51.25°	26.1	26.3	26.4	26.6	26.7	26.9	27.0	27.1	27.2	27.3	27.3
-52.5°	25.5	25.7	25.9	26.0	26.2	26.3	26.4	26.5	26.6	26.7	26.8
-53.75°	24.7	25.0	25.2	25.3	25.5	25.7	25.8	25.9	26.0	26.1	26.2
-55°	24.0	24.2	24.4	24.6	24.7	24.9	25.0	25.2	25.3	25.4	25.5
-56.25°	23.0	23.3	23.5	23.7	23.9	24.1	24.2	24.3	24.5	24.6	24.6
-57.5°	22.1	22.4	22.6	22.8	22.9	23.1	23.3	23.4	23.5	23.7	23.8
-58.75°	21.2	21.4	21.6	21.8	22.0	22.2	22.3	22.4	22.6	22.7	22.8
-60°	20.2	20.4	20.6	20.8	21.0	21.2	21.3	21.4	21.6	21.7	21.8
-61.25°	19.0	19.3	19.5	19.8	20.0	20.2	20.3	20.4	20.5	20.6	20.7
-62.5°	17.7	18.0	18.2	18.5	18.7	18.9	19.0	19.2	19.4	19.5	19.6
-63.75°	16.4	16.7	16.9	17.1	17.3	17.5	17.7	17.9	18.0	18.1	18.2
-65°	15.1	15.3	15.6	15.8	16.0	16.1	16.3	16.5	16.6	16.7	16.8
-66.25°	13.9	14.0	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.3	15.4
-67.5°	12.8	12.9	13.1	13.2	13.4	13.5	13.6	13.8	13.9	14.0	14.0
-68.75°	11.7	11.8	12.0	12.1	12.2	12.4	12.5	12.6	12.7	12.8	12.9
-70°	10.7	10.8	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7
-71.25°	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7
-72.5°	9.0	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.7
-73.75°	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9
-75°	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1
-76.25°	7.5	7.5	7.6	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7
-77.5°	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.3	7.3	7.3



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	6.3	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.7	6.7
-80°	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0
-81.25°	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
-82.5°	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
-83.75°	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.7
-85°	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.9
-86.25°	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
-87.5°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0
85°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
83.75°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
81.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
80°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
78.75°	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.7	6.7	6.7	6.7
77.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
76.25°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
75°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
73.75°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
72.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
71.25°	10.7	10.8	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.8	10.8
70°	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8
68.75°	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
67.5°	14.1	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.2
66.25°	15.5	15.6	15.6	15.7	15.7	15.7	15.8	15.7	15.7	15.7	15.6
65°	16.9	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.1	17.1
63.75°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
62.5°	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
61.25°	20.8	20.9	20.9	21.0	21.0	21.0	21.1	21.0	21.0	21.0	20.9
60°	21.9	21.9	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.0	22.0
58.75°	22.9	22.9	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0
57.5°	23.9	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.0	24.0
56.25°	24.7	24.8	24.9	24.9	24.9	24.9	25.0	24.9	24.9	24.9	24.9
55°	25.6	25.6	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.7
53.75°	26.2	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.3
52.5°	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.9
51.25°	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.5
50°	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.1
48.75°	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.5
47.5°	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.9
46.25°	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.2	29.2	29.2	29.2
45°	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
43.75°	29.7	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.8
42.5°	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.2
41.25°	30.6	30.7	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.8	30.8
40°	31.2	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.4	31.4
38.75°	32.2	32.5	32.6	32.8	32.9	32.9	33.0	32.9	32.9	32.8	32.6
37.5°	33.7	33.9	34.1	34.2	34.3	34.4	34.4	34.4	34.3	34.2	34.1
36.25°	36.2	36.8	37.3	37.7	38.0	38.2	38.3	38.2	38.0	37.7	37.3
35°	40.0	40.6	41.1	41.6	41.9	42.0	42.1	42.0	41.9	41.6	41.1

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	45.4	46.7	47.9	48.8	49.4	49.8	49.9	49.8	49.4	48.8	47.9
32.5°	52.9	54.4	55.6	56.5	57.2	57.6	57.7	57.6	57.2	56.5	55.6
31.25°	61.0	62.8	64.3	65.4	66.2	66.7	66.9	66.7	66.2	65.4	64.3
30°	69.9	71.8	73.3	74.5	75.4	75.9	76.1	75.9	75.4	74.5	73.3
28.75°	79.9	82.6	84.8	86.9	89.7	91.4	91.9	91.4	89.7	86.9	84.8
27.5°	99.2	105.5	112.5	120.4	126.1	129.6	130.7	129.6	126.1	120.4	112.5
26.25°	142.7	156.9	172.2	184.2	192.9	198.1	199.9	198.1	192.9	184.2	172.2
25°	213.6	237.0	256.6	272.1	283.2	289.9	292.1	289.9	283.2	272.1	256.6
23.75°	306.1	335.0	358.9	377.7	392.5	401.6	404.7	401.6	392.5	377.7	358.9
22.5°	413.9	448.0	476.3	499.5	516.3	526.4	529.8	526.4	516.3	499.5	476.3
21.25°	532.2	570.1	601.1	625.3	642.7	653.3	656.8	653.3	642.7	625.3	601.1
20°	651.2	689.9	720.4	744.4	761.7	772.2	775.7	772.2	761.7	744.4	720.4
18.75°	762.2	802.5	836.6	863.6	883.5	895.7	899.8	895.7	883.5	863.6	836.6
17.5°	875.0	920.1	957.9	988.1	1010.2	1023.6	1028.1	1023.6	1010.2	988.1	957.9
16.25°	991.2	1040.6	1081.9	1113.7	1136.8	1150.9	1155.6	1150.9	1136.8	1113.7	1081.9
15°	1107.1	1158.3	1200.5	1233.2	1257.1	1271.5	1276.4	1271.5	1257.1	1233.2	1200.5
13.75°	1216.3	1268.9	1311.0	1344.3	1368.4	1382.2	1386.9	1382.2	1368.4	1344.3	1311.0
12.5°	1317.0	1369.9	1412.1	1446.0	1469.9	1484.3	1489.2	1484.3	1469.9	1446.0	1412.1
11.25°	1408.3	1461.4	1505.2	1539.8	1564.0	1578.8	1583.8	1578.8	1564.0	1539.8	1505.2
10°	1491.0	1545.3	1589.7	1625.1	1651.1	1667.1	1672.5	1667.1	1651.1	1625.1	1589.7
8.75°	1565.1	1620.5	1667.7	1704.5	1731.9	1747.6	1752.7	1747.6	1731.9	1704.5	1667.7
7.5°	1630.9	1688.9	1737.9	1774.0	1800.9	1816.3	1821.6	1816.3	1800.9	1774.0	1737.9
6.25°	1688.9	1748.1	1796.1	1832.5	1857.9	1872.2	1877.2	1872.2	1857.9	1832.5	1796.1
5°	1737.9	1796.1	1843.7	1877.3	1899.8	1913.2	1917.9	1913.2	1899.8	1877.3	1843.7
3.75°	1774.0	1832.5	1877.3	1908.6	1929.2	1941.4	1944.2	1941.4	1929.2	1908.6	1877.3
2.5°	1800.9	1857.9	1899.8	1929.2	1947.1	1955.5	1957.2	1955.5	1947.1	1929.2	1899.8
1.25°	1816.3	1872.2	1913.2	1941.4	1955.5	1961.5	1964.7	1961.5	1955.5	1941.4	1913.2
0°	1821.6	1877.2	1917.9	1944.2	1957.2	1964.7	1971.9	1964.7	1957.2	1944.2	1917.9
-1.25°	1816.3	1872.2	1913.2	1941.4	1955.5	1961.5	1964.7	1961.5	1955.5	1941.4	1913.2
-2.5°	1800.9	1857.9	1899.8	1929.2	1947.1	1955.5	1957.2	1955.5	1947.1	1929.2	1899.8
-3.75°	1774.0	1832.5	1877.3	1908.6	1929.2	1941.4	1944.2	1941.4	1929.2	1908.6	1877.3
-5°	1737.9	1796.1	1843.7	1877.3	1899.8	1913.2	1917.9	1913.2	1899.8	1877.3	1843.7
-6.25°	1688.9	1748.1	1796.1	1832.5	1857.9	1872.2	1877.2	1872.2	1857.9	1832.5	1796.1
-7.5°	1630.9	1688.9	1737.9	1774.0	1800.9	1816.3	1821.6	1816.3	1800.9	1774.0	1737.9
-8.75°	1565.1	1620.5	1667.7	1704.5	1731.9	1747.6	1752.7	1747.6	1731.9	1704.5	1667.7
-10°	1491.0	1545.3	1589.7	1625.1	1651.1	1667.1	1672.5	1667.1	1651.1	1625.1	1589.7
-11.25°	1408.3	1461.4	1505.2	1539.8	1564.0	1578.8	1583.8	1578.8	1564.0	1539.8	1505.2
-12.5°	1317.0	1369.9	1412.1	1446.0	1469.9	1484.3	1489.2	1484.3	1469.9	1446.0	1412.1
-13.75°	1216.3	1268.9	1311.0	1344.3	1368.4	1382.2	1386.9	1382.2	1368.4	1344.3	1311.0
-15°	1107.1	1158.3	1200.5	1233.2	1257.1	1271.5	1276.4	1271.5	1257.1	1233.2	1200.5
-16.25°	991.2	1040.6	1081.9	1113.7	1136.8	1150.9	1155.6	1150.9	1136.8	1113.7	1081.9
-17.5°	875.0	920.1	957.9	988.1	1010.2	1023.6	1028.1	1023.6	1010.2	988.1	957.9
-18.75°	762.2	802.5	836.6	863.6	883.5	895.7	899.8	895.7	883.5	863.6	836.6
-20°	651.2	689.9	720.4	744.4	761.7	772.2	775.7	772.2	761.7	744.4	720.4
-21.25°	532.2	570.1	601.1	625.3	642.7	653.3	656.8	653.3	642.7	625.3	601.1



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	413.9	448.0	476.3	499.5	516.3	526.4	529.8	526.4	516.3	499.5	476.3
-23.75°	306.1	335.0	358.9	377.7	392.5	401.6	404.7	401.6	392.5	377.7	358.9
-25°	213.6	237.0	256.6	272.1	283.2	289.9	292.1	289.9	283.2	272.1	256.6
-26.25°	142.7	156.9	172.2	184.2	192.9	198.1	199.9	198.1	192.9	184.2	172.2
-27.5°	99.2	105.5	112.5	120.4	126.1	129.6	130.7	129.6	126.1	120.4	112.5
-28.75°	79.9	82.6	84.8	86.9	89.7	91.4	91.9	91.4	89.7	86.9	84.8
-30°	69.9	71.8	73.3	74.5	75.4	75.9	76.1	75.9	75.4	74.5	73.3
-31.25°	61.0	62.8	64.3	65.4	66.2	66.7	66.9	66.7	66.2	65.4	64.3
-32.5°	52.9	54.4	55.6	56.5	57.2	57.6	57.7	57.6	57.2	56.5	55.6
-33.75°	45.4	46.7	47.9	48.8	49.4	49.8	49.9	49.8	49.4	48.8	47.9
-35°	40.0	40.6	41.1	41.6	41.9	42.0	42.1	42.0	41.9	41.6	41.1
-36.25°	36.2	36.8	37.3	37.7	38.0	38.2	38.3	38.2	38.0	37.7	37.3
-37.5°	33.7	33.9	34.1	34.2	34.3	34.4	34.4	34.4	34.3	34.2	34.1
-38.75°	32.2	32.5	32.6	32.8	32.9	32.9	33.0	32.9	32.9	32.8	32.6
-40°	31.2	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.4	31.4
-41.25°	30.6	30.7	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.8	30.8
-42.5°	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.2
-43.75°	29.7	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.8
-45°	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
-46.25°	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.2	29.2	29.2	29.2
-47.5°	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	28.9
-48.75°	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.5
-50°	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.1
-51.25°	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.5
-52.5°	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.9
-53.75°	26.2	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.3
-55°	25.6	25.6	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.7	25.7
-56.25°	24.7	24.8	24.9	24.9	24.9	24.9	25.0	24.9	24.9	24.9	24.9
-57.5°	23.9	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.0	24.0
-58.75°	22.9	22.9	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.0	23.0
-60°	21.9	21.9	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.0	22.0
-61.25°	20.8	20.9	20.9	21.0	21.0	21.0	21.1	21.0	21.0	21.0	20.9
-62.5°	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-63.75°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
-65°	16.9	17.0	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.1	17.1
-66.25°	15.5	15.6	15.6	15.7	15.7	15.7	15.8	15.7	15.7	15.7	15.6
-67.5°	14.1	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.2
-68.75°	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
-70°	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.8
-71.25°	10.7	10.8	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.8	10.8
-72.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-73.75°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-75°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
-76.25°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
-77.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.7	6.7	6.7	6.7
-80°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-81.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-82.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-83.75°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-85°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
85°	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
83.75°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5
82.5°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2
81.25°	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
80°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8
78.75°	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.5	6.4
77.5°	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0
76.25°	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.6
75°	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9
73.75°	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4
72.5°	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3	9.3	9.2
71.25°	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.1	10.0
70°	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3	11.2	11.1	11.0
68.75°	13.0	12.9	12.9	12.8	12.7	12.6	12.5	12.4	12.2	12.1	12.0
67.5°	14.2	14.1	14.0	14.0	13.9	13.8	13.6	13.5	13.4	13.2	13.1
66.25°	15.6	15.5	15.4	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.2
65°	17.0	16.9	16.8	16.7	16.6	16.5	16.3	16.1	16.0	15.8	15.6
63.75°	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.5	17.3	17.1	16.9
62.5°	19.8	19.7	19.6	19.5	19.4	19.2	19.0	18.9	18.7	18.5	18.2
61.25°	20.9	20.8	20.7	20.6	20.5	20.4	20.3	20.2	20.0	19.8	19.5
60°	21.9	21.9	21.8	21.7	21.6	21.4	21.3	21.2	21.0	20.8	20.6
58.75°	22.9	22.9	22.8	22.7	22.6	22.4	22.3	22.2	22.0	21.8	21.6
57.5°	23.9	23.9	23.8	23.7	23.5	23.4	23.3	23.1	22.9	22.8	22.6
56.25°	24.8	24.7	24.6	24.6	24.5	24.3	24.2	24.1	23.9	23.7	23.5
55°	25.6	25.6	25.5	25.4	25.3	25.2	25.0	24.9	24.7	24.6	24.4
53.75°	26.3	26.2	26.2	26.1	26.0	25.9	25.8	25.7	25.5	25.3	25.2
52.5°	26.9	26.8	26.8	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9
51.25°	27.5	27.4	27.3	27.3	27.2	27.1	27.0	26.9	26.7	26.6	26.4
50°	28.1	28.0	27.9	27.9	27.8	27.7	27.5	27.4	27.3	27.1	27.0
48.75°	28.5	28.5	28.4	28.4	28.3	28.2	28.1	28.0	27.9	27.7	27.5
47.5°	28.9	28.9	28.8	28.7	28.7	28.6	28.5	28.4	28.3	28.2	28.1
46.25°	29.2	29.2	29.1	29.1	29.0	29.0	28.9	28.8	28.7	28.6	28.5
45°	29.4	29.4	29.4	29.3	29.3	29.2	29.2	29.1	29.1	29.0	28.9
43.75°	29.8	29.7	29.7	29.6	29.5	29.5	29.4	29.3	29.3	29.2	29.1
42.5°	30.2	30.1	30.1	30.0	29.9	29.8	29.7	29.6	29.5	29.4	29.4
41.25°	30.7	30.6	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.6
40°	31.3	31.2	31.1	31.0	30.9	30.7	30.6	30.4	30.3	30.1	30.0
38.75°	32.5	32.2	32.0	31.7	31.5	31.3	31.1	31.0	30.8	30.6	30.3
37.5°	33.9	33.7	33.4	33.1	32.8	32.4	32.0	31.5	31.3	31.1	30.9
36.25°	36.8	36.2	35.5	34.6	34.1	33.7	33.3	32.9	32.4	31.8	31.4
35°	40.6	40.0	39.2	38.3	37.3	36.3	35.1	34.2	33.6	33.1	32.5



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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°	46.7	45.4	43.8	42.0	41.0	39.8	38.6	37.3	35.8	34.4	33.7
32.5°	54.4	52.9	51.3	49.3	47.2	44.8	42.1	40.7	39.2	37.6	35.9
31.25°	62.8	61.0	58.9	56.7	54.5	52.0	49.2	46.3	43.1	40.9	39.2
30°	71.8	69.9	67.7	65.2	62.4	59.4	56.3	53.2	49.9	46.4	42.7
28.75°	82.6	79.9	76.7	73.9	71.0	67.7	64.2	60.4	56.6	52.9	49.1
27.5°	105.5	99.2	91.8	85.0	80.7	76.1	72.4	68.4	64.2	59.7	55.4
26.25°	156.9	142.7	127.6	110.4	99.8	88.9	82.2	76.4	71.9	67.3	62.4
25°	237.0	213.6	190.8	164.8	141.0	118.9	101.7	88.4	80.9	74.7	69.6
23.75°	335.0	306.1	275.1	241.9	206.8	173.5	142.0	115.1	97.4	84.3	76.9
22.5°	448.0	413.9	374.9	334.7	290.2	247.7	204.2	163.7	130.5	103.8	86.9
21.25°	570.1	532.2	488.2	440.4	387.8	335.5	281.7	230.2	182.8	140.9	107.7
20°	689.9	651.2	605.6	553.6	495.5	434.3	370.4	308.4	249.4	194.4	146.1
18.75°	802.5	762.2	717.2	665.4	605.3	539.1	468.1	395.6	325.7	259.1	198.3
17.5°	920.1	875.0	824.6	768.4	709.3	642.6	568.8	489.1	408.9	331.4	259.1
16.25°	1040.6	991.2	935.4	873.4	807.5	738.4	665.3	583.7	496.4	408.9	325.7
15°	1158.3	1107.1	1047.4	979.9	907.7	831.6	753.1	672.9	583.7	489.1	395.6
13.75°	1268.9	1216.3	1155.3	1085.6	1007.6	925.1	839.7	753.1	665.3	568.8	468.1
12.5°	1369.9	1317.0	1255.5	1184.7	1104.6	1017.0	925.1	831.6	738.4	642.6	539.1
11.25°	1461.4	1408.3	1346.5	1275.5	1194.2	1104.6	1007.6	907.7	807.5	709.3	605.3
10°	1545.3	1491.0	1427.9	1356.5	1275.5	1184.7	1085.6	979.9	873.4	768.4	665.4
8.75°	1620.5	1565.1	1501.1	1427.9	1346.5	1255.5	1155.3	1047.4	935.4	824.6	717.2
7.5°	1688.9	1630.9	1565.1	1491.0	1408.3	1317.0	1216.3	1107.1	991.2	875.0	762.2
6.25°	1748.1	1688.9	1620.5	1545.3	1461.4	1369.9	1268.9	1158.3	1040.6	920.1	802.5
5°	1796.1	1737.9	1667.7	1589.7	1505.2	1412.1	1311.0	1200.5	1081.9	957.9	836.6
3.75°	1832.5	1774.0	1704.5	1625.1	1539.8	1446.0	1344.3	1233.2	1113.7	988.1	863.6
2.5°	1857.9	1800.9	1731.9	1651.1	1564.0	1469.9	1368.4	1257.1	1136.8	1010.2	883.5
1.25°	1872.2	1816.3	1747.6	1667.1	1578.8	1484.3	1382.2	1271.5	1150.9	1023.6	895.7
0°	1877.2	1821.6	1752.7	1672.5	1583.8	1489.2	1386.9	1276.4	1155.6	1028.1	899.8
-1.25°	1872.2	1816.3	1747.6	1667.1	1578.8	1484.3	1382.2	1271.5	1150.9	1023.6	895.7
-2.5°	1857.9	1800.9	1731.9	1651.1	1564.0	1469.9	1368.4	1257.1	1136.8	1010.2	883.5
-3.75°	1832.5	1774.0	1704.5	1625.1	1539.8	1446.0	1344.3	1233.2	1113.7	988.1	863.6
-5°	1796.1	1737.9	1667.7	1589.7	1505.2	1412.1	1311.0	1200.5	1081.9	957.9	836.6
-6.25°	1748.1	1688.9	1620.5	1545.3	1461.4	1369.9	1268.9	1158.3	1040.6	920.1	802.5
-7.5°	1688.9	1630.9	1565.1	1491.0	1408.3	1317.0	1216.3	1107.1	991.2	875.0	762.2
-8.75°	1620.5	1565.1	1501.1	1427.9	1346.5	1255.5	1155.3	1047.4	935.4	824.6	717.2
-10°	1545.3	1491.0	1427.9	1356.5	1275.5	1184.7	1085.6	979.9	873.4	768.4	665.4
-11.25°	1461.4	1408.3	1346.5	1275.5	1194.2	1104.6	1007.6	907.7	807.5	709.3	605.3
-12.5°	1369.9	1317.0	1255.5	1184.7	1104.6	1017.0	925.1	831.6	738.4	642.6	539.1
-13.75°	1268.9	1216.3	1155.3	1085.6	1007.6	925.1	839.7	753.1	665.3	568.8	468.1
-15°	1158.3	1107.1	1047.4	979.9	907.7	831.6	753.1	672.9	583.7	489.1	395.6
-16.25°	1040.6	991.2	935.4	873.4	807.5	738.4	665.3	583.7	496.4	408.9	325.7
-17.5°	920.1	875.0	824.6	768.4	709.3	642.6	568.8	489.1	408.9	331.4	259.1
-18.75°	802.5	762.2	717.2	665.4	605.3	539.1	468.1	395.6	325.7	259.1	198.3
-20°	689.9	651.2	605.6	553.6	495.5	434.3	370.4	308.4	249.4	194.4	146.1
-21.25°	570.1	532.2	488.2	440.4	387.8	335.5	281.7	230.2	182.8	140.9	107.7



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	448.0	413.9	374.9	334.7	290.2	247.7	204.2	163.7	130.5	103.8	86.9
-23.75°	335.0	306.1	275.1	241.9	206.8	173.5	142.0	115.1	97.4	84.3	76.9
-25°	237.0	213.6	190.8	164.8	141.0	118.9	101.7	88.4	80.9	74.7	69.6
-26.25°	156.9	142.7	127.6	110.4	99.8	88.9	82.2	76.4	71.9	67.3	62.4
-27.5°	105.5	99.2	91.8	85.0	80.7	76.1	72.4	68.4	64.2	59.7	55.4
-28.75°	82.6	79.9	76.7	73.9	71.0	67.7	64.2	60.4	56.6	52.9	49.1
-30°	71.8	69.9	67.7	65.2	62.4	59.4	56.3	53.2	49.9	46.4	42.7
-31.25°	62.8	61.0	58.9	56.7	54.5	52.0	49.2	46.3	43.1	40.9	39.2
-32.5°	54.4	52.9	51.3	49.3	47.2	44.8	42.1	40.7	39.2	37.6	35.9
-33.75°	46.7	45.4	43.8	42.0	41.0	39.8	38.6	37.3	35.8	34.4	33.7
-35°	40.6	40.0	39.2	38.3	37.3	36.3	35.1	34.2	33.6	33.1	32.5
-36.25°	36.8	36.2	35.5	34.6	34.1	33.7	33.3	32.9	32.4	31.8	31.4
-37.5°	33.9	33.7	33.4	33.1	32.8	32.4	32.0	31.5	31.3	31.1	30.9
-38.75°	32.5	32.2	32.0	31.7	31.5	31.3	31.1	31.0	30.8	30.6	30.3
-40°	31.3	31.2	31.1	31.0	30.9	30.7	30.6	30.4	30.3	30.1	30.0
-41.25°	30.7	30.6	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.6
-42.5°	30.2	30.1	30.1	30.0	29.9	29.8	29.7	29.6	29.5	29.4	29.4
-43.75°	29.8	29.7	29.7	29.6	29.5	29.5	29.4	29.3	29.3	29.2	29.1
-45°	29.4	29.4	29.4	29.3	29.3	29.2	29.2	29.1	29.1	29.0	28.9
-46.25°	29.2	29.2	29.1	29.1	29.0	29.0	28.9	28.8	28.7	28.6	28.5
-47.5°	28.9	28.9	28.8	28.7	28.7	28.6	28.5	28.4	28.3	28.2	28.1
-48.75°	28.5	28.5	28.4	28.4	28.3	28.2	28.1	28.0	27.9	27.7	27.5
-50°	28.1	28.0	27.9	27.9	27.8	27.7	27.5	27.4	27.3	27.1	27.0
-51.25°	27.5	27.4	27.3	27.3	27.2	27.1	27.0	26.9	26.7	26.6	26.4
-52.5°	26.9	26.8	26.8	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9
-53.75°	26.3	26.2	26.2	26.1	26.0	25.9	25.8	25.7	25.5	25.3	25.2
-55°	25.6	25.6	25.5	25.4	25.3	25.2	25.0	24.9	24.7	24.6	24.4
-56.25°	24.8	24.7	24.6	24.6	24.5	24.3	24.2	24.1	23.9	23.7	23.5
-57.5°	23.9	23.9	23.8	23.7	23.5	23.4	23.3	23.1	22.9	22.8	22.6
-58.75°	22.9	22.9	22.8	22.7	22.6	22.4	22.3	22.2	22.0	21.8	21.6
-60°	21.9	21.9	21.8	21.7	21.6	21.4	21.3	21.2	21.0	20.8	20.6
-61.25°	20.9	20.8	20.7	20.6	20.5	20.4	20.3	20.2	20.0	19.8	19.5
-62.5°	19.8	19.7	19.6	19.5	19.4	19.2	19.0	18.9	18.7	18.5	18.2
-63.75°	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.5	17.3	17.1	16.9
-65°	17.0	16.9	16.8	16.7	16.6	16.5	16.3	16.1	16.0	15.8	15.6
-66.25°	15.6	15.5	15.4	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.2
-67.5°	14.2	14.1	14.0	14.0	13.9	13.8	13.6	13.5	13.4	13.2	13.1
-68.75°	13.0	12.9	12.9	12.8	12.7	12.6	12.5	12.4	12.2	12.1	12.0
-70°	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3	11.2	11.1	11.0
-71.25°	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.1	10.0
-72.5°	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3	9.3	9.2
-73.75°	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4
-75°	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9
-76.25°	7.8	7.8	7.7	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.6
-77.5°	7.4	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.5	6.4
-80°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8
-81.25°	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
-82.5°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2
-83.75°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5
-85°	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
86.25°	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
85°	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4
83.75°	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.1
82.5°	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.7
81.25°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4
80°	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1
78.75°	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.8
77.5°	7.0	7.0	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.4	6.4
76.25°	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9
75°	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
73.75°	8.4	8.3	8.2	8.1	8.1	8.1	8.0	7.9	7.9	7.8	7.8
72.5°	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
71.25°	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1	8.9	8.8	8.7
70°	10.8	10.7	10.6	10.4	10.3	10.1	9.9	9.8	9.6	9.5	9.3
68.75°	11.8	11.7	11.5	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.1
67.5°	12.9	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.1	10.9
66.25°	14.0	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.3	12.0	11.8
65°	15.3	15.1	14.9	14.6	14.3	14.1	13.8	13.6	13.3	13.0	12.7
63.75°	16.7	16.4	16.2	15.9	15.6	15.3	15.0	14.7	14.3	14.0	13.7
62.5°	18.0	17.7	17.5	17.2	16.9	16.6	16.2	15.9	15.5	15.2	14.8
61.25°	19.3	19.0	18.7	18.5	18.1	17.8	17.5	17.1	16.8	16.4	16.0
60°	20.4	20.2	20.0	19.7	19.4	19.0	18.7	18.3	17.9	17.5	17.1
58.75°	21.4	21.2	21.0	20.7	20.5	20.2	19.9	19.5	19.1	18.7	18.3
57.5°	22.4	22.1	21.9	21.6	21.4	21.1	20.8	20.5	20.2	19.8	19.4
56.25°	23.3	23.0	22.8	22.6	22.3	22.0	21.7	21.4	21.1	20.7	20.4
55°	24.2	24.0	23.7	23.4	23.2	22.9	22.6	22.3	21.9	21.6	21.2
53.75°	25.0	24.7	24.5	24.3	24.0	23.7	23.4	23.1	22.7	22.4	22.0
52.5°	25.7	25.5	25.3	25.0	24.8	24.5	24.2	23.9	23.6	23.2	22.8
51.25°	26.3	26.1	26.0	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.6
50°	26.8	26.7	26.5	26.3	26.1	25.9	25.6	25.3	25.0	24.7	24.3
48.75°	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0	25.7	25.3	25.0
47.5°	27.9	27.7	27.5	27.3	27.1	26.9	26.7	26.4	26.2	25.9	25.6
46.25°	28.4	28.2	28.1	27.8	27.6	27.4	27.2	26.9	26.7	26.4	26.1
45°	28.7	28.6	28.5	28.3	28.1	27.9	27.6	27.4	27.1	26.9	26.6
43.75°	29.0	28.9	28.8	28.6	28.5	28.3	28.1	27.9	27.6	27.3	27.0
42.5°	29.3	29.2	29.1	29.0	28.8	28.6	28.5	28.3	28.0	27.8	27.5
41.25°	29.5	29.4	29.3	29.2	29.1	29.0	28.8	28.6	28.4	28.2	27.9
40°	29.8	29.7	29.5	29.4	29.3	29.2	29.1	28.9	28.7	28.5	28.3
38.75°	30.2	30.0	29.9	29.7	29.5	29.4	29.3	29.1	29.0	28.8	28.6
37.5°	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.3	29.2	29.0	28.8
36.25°	31.2	30.9	30.6	30.3	30.1	29.9	29.7	29.5	29.4	29.2	29.1
35°	31.9	31.4	31.1	30.8	30.5	30.2	30.0	29.8	29.6	29.4	29.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	33.1	32.4	31.7	31.3	31.0	30.6	30.3	30.1	29.8	29.6	29.4
32.5°	34.3	33.6	32.9	32.1	31.4	31.1	30.7	30.4	30.1	29.9	29.6
31.25°	37.3	35.4	34.0	33.2	32.4	31.6	31.2	30.8	30.4	30.1	29.9
30°	40.5	38.5	36.4	34.3	33.5	32.6	31.7	31.2	30.8	30.4	30.1
28.75°	45.0	41.5	39.3	37.1	34.8	33.6	32.7	31.8	31.2	30.8	30.4
27.5°	51.2	46.9	42.3	39.9	37.5	35.0	33.7	32.7	31.7	31.2	30.7
26.25°	57.3	52.8	48.1	43.2	40.2	37.6	35.0	33.6	32.6	31.6	31.1
25°	64.3	58.7	53.7	48.7	43.5	40.2	37.5	34.8	33.5	32.4	31.4
23.75°	71.2	65.4	59.5	54.0	48.7	43.2	39.9	37.1	34.3	33.2	32.1
22.5°	78.6	72.0	65.8	59.5	53.7	48.1	42.3	39.3	36.4	34.0	32.9
21.25°	89.4	79.2	72.0	65.4	58.7	52.8	46.9	41.5	38.5	35.4	33.6
20°	109.2	89.4	78.6	71.2	64.3	57.3	51.2	45.0	40.5	37.3	34.3
18.75°	146.1	107.7	86.9	76.9	69.6	62.4	55.4	49.1	42.7	39.2	35.9
17.5°	194.4	140.9	103.8	84.3	74.7	67.3	59.7	52.9	46.4	40.9	37.6
16.25°	249.4	182.8	130.5	97.4	80.9	71.9	64.2	56.6	49.9	43.1	39.2
15°	308.4	230.2	163.7	115.1	88.4	76.4	68.4	60.4	53.2	46.3	40.7
13.75°	370.4	281.7	204.2	142.0	101.7	82.2	72.4	64.2	56.3	49.2	42.1
12.5°	434.3	335.5	247.7	173.5	118.9	88.9	76.1	67.7	59.4	52.0	44.8
11.25°	495.5	387.8	290.2	206.8	141.0	99.8	80.7	71.0	62.4	54.5	47.2
10°	553.6	440.4	334.7	241.9	164.8	110.4	85.0	73.9	65.2	56.7	49.3
8.75°	605.6	488.2	374.9	275.1	190.8	127.6	91.8	76.7	67.7	58.9	51.3
7.5°	651.2	532.2	413.9	306.1	213.6	142.7	99.2	79.9	69.9	61.0	52.9
6.25°	689.9	570.1	448.0	335.0	237.0	156.9	105.5	82.6	71.8	62.8	54.4
5°	720.4	601.1	476.3	358.9	256.6	172.2	112.5	84.8	73.3	64.3	55.6
3.75°	744.4	625.3	499.5	377.7	272.1	184.2	120.4	86.9	74.5	65.4	56.5
2.5°	761.7	642.7	516.3	392.5	283.2	192.9	126.1	89.7	75.4	66.2	57.2
1.25°	772.2	653.3	526.4	401.6	289.9	198.1	129.6	91.4	75.9	66.7	57.6
0°	775.7	656.8	529.8	404.7	292.1	199.9	130.7	91.9	76.1	66.9	57.7
-1.25°	772.2	653.3	526.4	401.6	289.9	198.1	129.6	91.4	75.9	66.7	57.6
-2.5°	761.7	642.7	516.3	392.5	283.2	192.9	126.1	89.7	75.4	66.2	57.2
-3.75°	744.4	625.3	499.5	377.7	272.1	184.2	120.4	86.9	74.5	65.4	56.5
-5°	720.4	601.1	476.3	358.9	256.6	172.2	112.5	84.8	73.3	64.3	55.6
-6.25°	689.9	570.1	448.0	335.0	237.0	156.9	105.5	82.6	71.8	62.8	54.4
-7.5°	651.2	532.2	413.9	306.1	213.6	142.7	99.2	79.9	69.9	61.0	52.9
-8.75°	605.6	488.2	374.9	275.1	190.8	127.6	91.8	76.7	67.7	58.9	51.3
-10°	553.6	440.4	334.7	241.9	164.8	110.4	85.0	73.9	65.2	56.7	49.3
-11.25°	495.5	387.8	290.2	206.8	141.0	99.8	80.7	71.0	62.4	54.5	47.2
-12.5°	434.3	335.5	247.7	173.5	118.9	88.9	76.1	67.7	59.4	52.0	44.8
-13.75°	370.4	281.7	204.2	142.0	101.7	82.2	72.4	64.2	56.3	49.2	42.1
-15°	308.4	230.2	163.7	115.1	88.4	76.4	68.4	60.4	53.2	46.3	40.7
-16.25°	249.4	182.8	130.5	97.4	80.9	71.9	64.2	56.6	49.9	43.1	39.2
-17.5°	194.4	140.9	103.8	84.3	74.7	67.3	59.7	52.9	46.4	40.9	37.6
-18.75°	146.1	107.7	86.9	76.9	69.6	62.4	55.4	49.1	42.7	39.2	35.9
-20°	109.2	89.4	78.6	71.2	64.3	57.3	51.2	45.0	40.5	37.3	34.3
-21.25°	89.4	79.2	72.0	65.4	58.7	52.8	46.9	41.5	38.5	35.4	33.6



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	78.6	72.0	65.8	59.5	53.7	48.1	42.3	39.3	36.4	34.0	32.9
-23.75°	71.2	65.4	59.5	54.0	48.7	43.2	39.9	37.1	34.3	33.2	32.1
-25°	64.3	58.7	53.7	48.7	43.5	40.2	37.5	34.8	33.5	32.4	31.4
-26.25°	57.3	52.8	48.1	43.2	40.2	37.6	35.0	33.6	32.6	31.6	31.1
-27.5°	51.2	46.9	42.3	39.9	37.5	35.0	33.7	32.7	31.7	31.2	30.7
-28.75°	45.0	41.5	39.3	37.1	34.8	33.6	32.7	31.8	31.2	30.8	30.4
-30°	40.5	38.5	36.4	34.3	33.5	32.6	31.7	31.2	30.8	30.4	30.1
-31.25°	37.3	35.4	34.0	33.2	32.4	31.6	31.2	30.8	30.4	30.1	29.9
-32.5°	34.3	33.6	32.9	32.1	31.4	31.1	30.7	30.4	30.1	29.9	29.6
-33.75°	33.1	32.4	31.7	31.3	31.0	30.6	30.3	30.1	29.8	29.6	29.4
-35°	31.9	31.4	31.1	30.8	30.5	30.2	30.0	29.8	29.6	29.4	29.2
-36.25°	31.2	30.9	30.6	30.3	30.1	29.9	29.7	29.5	29.4	29.2	29.1
-37.5°	30.6	30.4	30.2	30.0	29.8	29.6	29.4	29.3	29.2	29.0	28.8
-38.75°	30.2	30.0	29.9	29.7	29.5	29.4	29.3	29.1	29.0	28.8	28.6
-40°	29.8	29.7	29.5	29.4	29.3	29.2	29.1	28.9	28.7	28.5	28.3
-41.25°	29.5	29.4	29.3	29.2	29.1	29.0	28.8	28.6	28.4	28.2	27.9
-42.5°	29.3	29.2	29.1	29.0	28.8	28.6	28.5	28.3	28.0	27.8	27.5
-43.75°	29.0	28.9	28.8	28.6	28.5	28.3	28.1	27.9	27.6	27.3	27.0
-45°	28.7	28.6	28.5	28.3	28.1	27.9	27.6	27.4	27.1	26.9	26.6
-46.25°	28.4	28.2	28.1	27.8	27.6	27.4	27.2	26.9	26.7	26.4	26.1
-47.5°	27.9	27.7	27.5	27.3	27.1	26.9	26.7	26.4	26.2	25.9	25.6
-48.75°	27.4	27.2	27.0	26.8	26.6	26.4	26.2	26.0	25.7	25.3	25.0
-50°	26.8	26.7	26.5	26.3	26.1	25.9	25.6	25.3	25.0	24.7	24.3
-51.25°	26.3	26.1	26.0	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.6
-52.5°	25.7	25.5	25.3	25.0	24.8	24.5	24.2	23.9	23.6	23.2	22.8
-53.75°	25.0	24.7	24.5	24.3	24.0	23.7	23.4	23.1	22.7	22.4	22.0
-55°	24.2	24.0	23.7	23.4	23.2	22.9	22.6	22.3	21.9	21.6	21.2
-56.25°	23.3	23.0	22.8	22.6	22.3	22.0	21.7	21.4	21.1	20.7	20.4
-57.5°	22.4	22.1	21.9	21.6	21.4	21.1	20.8	20.5	20.2	19.8	19.4
-58.75°	21.4	21.2	21.0	20.7	20.5	20.2	19.9	19.5	19.1	18.7	18.3
-60°	20.4	20.2	20.0	19.7	19.4	19.0	18.7	18.3	17.9	17.5	17.1
-61.25°	19.3	19.0	18.7	18.5	18.1	17.8	17.5	17.1	16.8	16.4	16.0
-62.5°	18.0	17.7	17.5	17.2	16.9	16.6	16.2	15.9	15.5	15.2	14.8
-63.75°	16.7	16.4	16.2	15.9	15.6	15.3	15.0	14.7	14.3	14.0	13.7
-65°	15.3	15.1	14.9	14.6	14.3	14.1	13.8	13.6	13.3	13.0	12.7
-66.25°	14.0	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.3	12.0	11.8
-67.5°	12.9	12.8	12.6	12.4	12.2	12.0	11.8	11.6	11.4	11.1	10.9
-68.75°	11.8	11.7	11.5	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.1
-70°	10.8	10.7	10.6	10.4	10.3	10.1	9.9	9.8	9.6	9.5	9.3
-71.25°	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1	8.9	8.8	8.7
-72.5°	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
-73.75°	8.4	8.3	8.2	8.1	8.1	8.1	8.0	7.9	7.9	7.8	7.8
-75°	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5	7.4
-76.25°	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9
-77.5°	7.0	7.0	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.4	6.4



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.8	5.8
-80°	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1
-81.25°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4
-82.5°	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.7
-83.75°	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1	3.1
-85°	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4
-86.25°	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
-88.75°	0.6	0.6	0.6	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
87.5°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
86.25°	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3
85°	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8
83.75°	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.4
82.5°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0
81.25°	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.7	3.6
80°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
78.75°	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7
77.5°	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2
76.25°	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8
75°	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.4	6.3
73.75°	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7
72.5°	8.0	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.1
71.25°	8.5	8.4	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.6	7.5
70°	9.2	9.0	8.8	8.7	8.5	8.3	8.2	8.1	8.0	7.9	7.8
68.75°	9.8	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.2	8.0
67.5°	10.7	10.4	10.2	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4
66.25°	11.5	11.3	11.0	10.8	10.5	10.2	9.9	9.7	9.4	9.2	8.9
65°	12.4	12.1	11.8	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.5
63.75°	13.4	13.1	12.8	12.4	12.1	11.7	11.4	11.1	10.8	10.4	10.1
62.5°	14.4	14.0	13.7	13.3	13.0	12.6	12.2	11.8	11.5	11.1	10.7
61.25°	15.5	15.1	14.7	14.2	13.9	13.5	13.1	12.6	12.2	11.8	11.4
60°	16.7	16.2	15.8	15.3	14.8	14.3	13.9	13.5	13.0	12.6	12.1
58.75°	17.8	17.4	16.9	16.4	15.9	15.4	14.8	14.3	13.8	13.4	12.9
57.5°	18.9	18.4	18.0	17.5	16.9	16.4	15.8	15.3	14.7	14.1	13.6
56.25°	20.0	19.5	19.0	18.5	18.0	17.4	16.8	16.2	15.6	15.0	14.4
55°	20.8	20.4	20.0	19.5	19.0	18.4	17.8	17.2	16.6	16.0	15.3
53.75°	21.6	21.2	20.8	20.4	20.0	19.4	18.8	18.1	17.5	16.9	16.2
52.5°	22.4	22.0	21.6	21.2	20.7	20.2	19.7	19.1	18.4	17.8	17.1
51.25°	23.2	22.8	22.4	21.9	21.4	21.0	20.5	20.0	19.3	18.6	17.9
50°	23.9	23.5	23.1	22.6	22.2	21.7	21.2	20.7	20.1	19.5	18.8
48.75°	24.6	24.2	23.8	23.3	22.9	22.4	21.9	21.3	20.8	20.2	19.6
47.5°	25.2	24.8	24.4	24.0	23.5	23.0	22.5	22.0	21.4	20.9	20.3
46.25°	25.8	25.5	25.0	24.6	24.2	23.7	23.2	22.6	22.1	21.5	20.9
45°	26.3	26.0	25.6	25.2	24.8	24.3	23.8	23.2	22.7	22.1	21.5
43.75°	26.7	26.4	26.1	25.8	25.3	24.8	24.4	23.8	23.3	22.7	22.1
42.5°	27.1	26.8	26.5	26.2	25.8	25.4	24.9	24.4	23.8	23.2	22.6
41.25°	27.6	27.2	26.9	26.6	26.2	25.9	25.4	24.9	24.4	23.8	23.2
40°	28.0	27.7	27.3	27.0	26.6	26.2	25.9	25.4	24.8	24.3	23.7
38.75°	28.3	28.1	27.7	27.3	27.0	26.6	26.2	25.8	25.3	24.8	24.2
37.5°	28.6	28.4	28.1	27.7	27.3	27.0	26.6	26.2	25.8	25.2	24.6
36.25°	28.9	28.6	28.4	28.1	27.7	27.3	26.9	26.5	26.1	25.6	25.0
35°	29.1	28.9	28.6	28.4	28.1	27.7	27.2	26.8	26.4	26.0	25.5



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	29.2	29.1	28.9	28.6	28.3	28.0	27.6	27.1	26.7	26.3	25.8
32.5°	29.4	29.2	29.1	28.8	28.6	28.3	27.9	27.5	27.0	26.6	26.1
31.25°	29.6	29.4	29.2	29.0	28.8	28.5	28.2	27.8	27.3	26.9	26.4
30°	29.8	29.6	29.4	29.2	29.0	28.7	28.4	28.0	27.6	27.1	26.7
28.75°	30.1	29.8	29.5	29.3	29.1	28.9	28.6	28.3	27.9	27.4	26.9
27.5°	30.3	30.0	29.7	29.4	29.3	29.1	28.8	28.5	28.1	27.6	27.2
26.25°	30.6	30.2	29.9	29.6	29.4	29.2	29.0	28.6	28.3	27.9	27.4
25°	31.0	30.5	30.1	29.8	29.5	29.3	29.1	28.8	28.5	28.1	27.6
23.75°	31.3	30.8	30.3	30.0	29.7	29.4	29.2	29.0	28.6	28.3	27.8
22.5°	31.7	31.1	30.6	30.2	29.9	29.5	29.3	29.1	28.8	28.5	28.1
21.25°	32.4	31.4	30.9	30.4	30.0	29.7	29.4	29.2	28.9	28.6	28.2
20°	33.1	31.9	31.2	30.6	30.2	29.8	29.5	29.3	29.0	28.7	28.4
18.75°	33.7	32.5	31.4	30.9	30.3	30.0	29.6	29.4	29.1	28.9	28.5
17.5°	34.4	33.1	31.8	31.1	30.6	30.1	29.8	29.4	29.2	29.0	28.6
16.25°	35.8	33.6	32.4	31.3	30.8	30.3	29.9	29.5	29.3	29.1	28.7
15°	37.3	34.2	32.9	31.5	31.0	30.4	30.0	29.6	29.3	29.1	28.8
13.75°	38.6	35.1	33.3	32.0	31.1	30.6	30.1	29.7	29.4	29.2	28.9
12.5°	39.8	36.3	33.7	32.4	31.3	30.7	30.2	29.8	29.5	29.2	29.0
11.25°	41.0	37.3	34.1	32.8	31.5	30.9	30.3	29.9	29.5	29.3	29.0
10°	42.0	38.3	34.6	33.1	31.7	31.0	30.4	30.0	29.6	29.3	29.1
8.75°	43.8	39.2	35.5	33.4	32.0	31.1	30.5	30.1	29.7	29.4	29.1
7.5°	45.4	40.0	36.2	33.7	32.2	31.2	30.6	30.1	29.7	29.4	29.2
6.25°	46.7	40.6	36.8	33.9	32.5	31.3	30.7	30.2	29.8	29.4	29.2
5°	47.9	41.1	37.3	34.1	32.6	31.4	30.8	30.2	29.8	29.5	29.2
3.75°	48.8	41.6	37.7	34.2	32.8	31.4	30.8	30.3	29.9	29.5	29.2
2.5°	49.4	41.9	38.0	34.3	32.9	31.5	30.9	30.3	29.9	29.5	29.2
1.25°	49.8	42.0	38.2	34.4	32.9	31.5	30.9	30.3	29.9	29.5	29.2
0°	49.9	42.1	38.3	34.4	33.0	31.5	30.9	30.3	29.9	29.5	29.3
-1.25°	49.8	42.0	38.2	34.4	32.9	31.5	30.9	30.3	29.9	29.5	29.2
-2.5°	49.4	41.9	38.0	34.3	32.9	31.5	30.9	30.3	29.9	29.5	29.2
-3.75°	48.8	41.6	37.7	34.2	32.8	31.4	30.8	30.3	29.9	29.5	29.2
-5°	47.9	41.1	37.3	34.1	32.6	31.4	30.8	30.2	29.8	29.5	29.2
-6.25°	46.7	40.6	36.8	33.9	32.5	31.3	30.7	30.2	29.8	29.4	29.2
-7.5°	45.4	40.0	36.2	33.7	32.2	31.2	30.6	30.1	29.7	29.4	29.2
-8.75°	43.8	39.2	35.5	33.4	32.0	31.1	30.5	30.1	29.7	29.4	29.1
-10°	42.0	38.3	34.6	33.1	31.7	31.0	30.4	30.0	29.6	29.3	29.1
-11.25°	41.0	37.3	34.1	32.8	31.5	30.9	30.3	29.9	29.5	29.3	29.0
-12.5°	39.8	36.3	33.7	32.4	31.3	30.7	30.2	29.8	29.5	29.2	29.0
-13.75°	38.6	35.1	33.3	32.0	31.1	30.6	30.1	29.7	29.4	29.2	28.9
-15°	37.3	34.2	32.9	31.5	31.0	30.4	30.0	29.6	29.3	29.1	28.8
-16.25°	35.8	33.6	32.4	31.3	30.8	30.3	29.9	29.5	29.3	29.1	28.7
-17.5°	34.4	33.1	31.8	31.1	30.6	30.1	29.8	29.4	29.2	29.0	28.6
-18.75°	33.7	32.5	31.4	30.9	30.3	30.0	29.6	29.4	29.1	28.9	28.5
-20°	33.1	31.9	31.2	30.6	30.2	29.8	29.5	29.3	29.0	28.7	28.4
-21.25°	32.4	31.4	30.9	30.4	30.0	29.7	29.4	29.2	28.9	28.6	28.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	31.7	31.1	30.6	30.2	29.9	29.5	29.3	29.1	28.8	28.5	28.1
-23.75°	31.3	30.8	30.3	30.0	29.7	29.4	29.2	29.0	28.6	28.3	27.8
-25°	31.0	30.5	30.1	29.8	29.5	29.3	29.1	28.8	28.5	28.1	27.6
-26.25°	30.6	30.2	29.9	29.6	29.4	29.2	29.0	28.6	28.3	27.9	27.4
-27.5°	30.3	30.0	29.7	29.4	29.3	29.1	28.8	28.5	28.1	27.6	27.2
-28.75°	30.1	29.8	29.5	29.3	29.1	28.9	28.6	28.3	27.9	27.4	26.9
-30°	29.8	29.6	29.4	29.2	29.0	28.7	28.4	28.0	27.6	27.1	26.7
-31.25°	29.6	29.4	29.2	29.0	28.8	28.5	28.2	27.8	27.3	26.9	26.4
-32.5°	29.4	29.2	29.1	28.8	28.6	28.3	27.9	27.5	27.0	26.6	26.1
-33.75°	29.2	29.1	28.9	28.6	28.3	28.0	27.6	27.1	26.7	26.3	25.8
-35°	29.1	28.9	28.6	28.4	28.1	27.7	27.2	26.8	26.4	26.0	25.5
-36.25°	28.9	28.6	28.4	28.1	27.7	27.3	26.9	26.5	26.1	25.6	25.0
-37.5°	28.6	28.4	28.1	27.7	27.3	27.0	26.6	26.2	25.8	25.2	24.6
-38.75°	28.3	28.1	27.7	27.3	27.0	26.6	26.2	25.8	25.3	24.8	24.2
-40°	28.0	27.7	27.3	27.0	26.6	26.2	25.9	25.4	24.8	24.3	23.7
-41.25°	27.6	27.2	26.9	26.6	26.2	25.9	25.4	24.9	24.4	23.8	23.2
-42.5°	27.1	26.8	26.5	26.2	25.8	25.4	24.9	24.4	23.8	23.2	22.6
-43.75°	26.7	26.4	26.1	25.8	25.3	24.8	24.4	23.8	23.3	22.7	22.1
-45°	26.3	26.0	25.6	25.2	24.8	24.3	23.8	23.2	22.7	22.1	21.5
-46.25°	25.8	25.5	25.0	24.6	24.2	23.7	23.2	22.6	22.1	21.5	20.9
-47.5°	25.2	24.8	24.4	24.0	23.5	23.0	22.5	22.0	21.4	20.9	20.3
-48.75°	24.6	24.2	23.8	23.3	22.9	22.4	21.9	21.3	20.8	20.2	19.6
-50°	23.9	23.5	23.1	22.6	22.2	21.7	21.2	20.7	20.1	19.5	18.8
-51.25°	23.2	22.8	22.4	21.9	21.4	21.0	20.5	20.0	19.3	18.6	17.9
-52.5°	22.4	22.0	21.6	21.2	20.7	20.2	19.7	19.1	18.4	17.8	17.1
-53.75°	21.6	21.2	20.8	20.4	20.0	19.4	18.8	18.1	17.5	16.9	16.2
-55°	20.8	20.4	20.0	19.5	19.0	18.4	17.8	17.2	16.6	16.0	15.3
-56.25°	20.0	19.5	19.0	18.5	18.0	17.4	16.8	16.2	15.6	15.0	14.4
-57.5°	18.9	18.4	18.0	17.5	16.9	16.4	15.8	15.3	14.7	14.1	13.6
-58.75°	17.8	17.4	16.9	16.4	15.9	15.4	14.8	14.3	13.8	13.4	12.9
-60°	16.7	16.2	15.8	15.3	14.8	14.3	13.9	13.5	13.0	12.6	12.1
-61.25°	15.5	15.1	14.7	14.2	13.9	13.5	13.1	12.6	12.2	11.8	11.4
-62.5°	14.4	14.0	13.7	13.3	13.0	12.6	12.2	11.8	11.5	11.1	10.7
-63.75°	13.4	13.1	12.8	12.4	12.1	11.7	11.4	11.1	10.8	10.4	10.1
-65°	12.4	12.1	11.8	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.5
-66.25°	11.5	11.3	11.0	10.8	10.5	10.2	9.9	9.7	9.4	9.2	8.9
-67.5°	10.7	10.4	10.2	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4
-68.75°	9.8	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.2	8.0
-70°	9.2	9.0	8.8	8.7	8.5	8.3	8.2	8.1	8.0	7.9	7.8
-71.25°	8.5	8.4	8.2	8.1	8.0	8.0	7.9	7.8	7.7	7.6	7.5
-72.5°	8.0	8.0	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.1
-73.75°	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7
-75°	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.4	6.3
-76.25°	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8
-77.5°	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7
-80°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-81.25°	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.7	3.6
-82.5°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0
-83.75°	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.4
-85°	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8
-86.25°	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3
-87.5°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
87.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
86.25°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
85°	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2
83.75°	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6
82.5°	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
81.25°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
80°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.9
78.75°	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.4	3.3
77.5°	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.8	3.7
76.25°	5.6	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.2	4.1
75°	6.1	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.5
73.75°	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4	5.2	5.0	4.8
72.5°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.4	5.2
71.25°	7.4	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.1	5.8	5.6
70°	7.7	7.6	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0
68.75°	7.9	7.8	7.7	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.3
67.5°	8.2	8.1	8.0	7.8	7.7	7.6	7.5	7.3	7.1	6.9	6.6
66.25°	8.7	8.5	8.2	8.1	7.9	7.8	7.7	7.5	7.4	7.2	6.9
65°	9.2	9.0	8.7	8.4	8.2	8.0	7.9	7.7	7.6	7.5	7.2
63.75°	9.7	9.5	9.2	8.9	8.6	8.3	8.1	8.0	7.8	7.6	7.5
62.5°	10.4	10.0	9.7	9.4	9.0	8.7	8.4	8.2	8.0	7.8	7.7
61.25°	11.0	10.6	10.2	9.8	9.5	9.2	8.8	8.5	8.2	8.0	7.9
60°	11.7	11.3	10.8	10.4	10.0	9.6	9.3	8.9	8.6	8.2	8.0
58.75°	12.4	11.9	11.5	11.0	10.6	10.1	9.7	9.3	9.0	8.6	8.2
57.5°	13.1	12.6	12.1	11.6	11.1	10.7	10.2	9.7	9.3	9.0	8.6
56.25°	13.9	13.3	12.8	12.2	11.7	11.2	10.7	10.2	9.7	9.3	8.9
55°	14.6	14.0	13.5	12.9	12.3	11.8	11.2	10.7	10.2	9.7	9.3
53.75°	15.5	14.8	14.1	13.6	13.0	12.3	11.8	11.2	10.7	10.1	9.6
52.5°	16.4	15.7	14.9	14.2	13.6	13.0	12.3	11.7	11.1	10.6	10.0
51.25°	17.2	16.5	15.7	15.0	14.2	13.6	12.9	12.2	11.6	11.0	10.4
50°	18.0	17.3	16.5	15.7	14.9	14.1	13.5	12.8	12.1	11.5	10.8
48.75°	18.8	18.1	17.3	16.5	15.7	14.8	14.0	13.3	12.6	11.9	11.3
47.5°	19.6	18.8	18.0	17.2	16.4	15.5	14.6	13.9	13.1	12.4	11.7
46.25°	20.3	19.6	18.8	17.9	17.1	16.2	15.3	14.4	13.6	12.9	12.1
45°	20.9	20.2	19.5	18.6	17.8	16.9	16.0	15.0	14.1	13.4	12.6
43.75°	21.4	20.8	20.1	19.3	18.4	17.5	16.6	15.6	14.7	13.8	13.0
42.5°	22.0	21.3	20.7	20.0	19.1	18.1	17.2	16.2	15.3	14.3	13.5
41.25°	22.5	21.9	21.2	20.5	19.7	18.8	17.8	16.8	15.8	14.8	13.9
40°	23.0	22.4	21.7	21.0	20.2	19.4	18.4	17.4	16.4	15.4	14.3
38.75°	23.5	22.9	22.2	21.4	20.7	20.0	19.0	18.0	16.9	15.9	14.8
37.5°	24.0	23.3	22.6	21.9	21.2	20.4	19.5	18.5	17.5	16.4	15.3
36.25°	24.4	23.8	23.1	22.4	21.6	20.8	20.0	19.0	18.0	16.9	15.8
35°	24.8	24.2	23.5	22.8	22.0	21.2	20.4	19.5	18.4	17.4	16.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	25.2	24.6	23.9	23.2	22.4	21.6	20.8	20.0	18.9	17.8	16.7
32.5°	25.6	25.0	24.3	23.6	22.8	22.0	21.2	20.4	19.4	18.3	17.1
31.25°	25.9	25.3	24.7	24.0	23.2	22.4	21.6	20.7	19.8	18.7	17.5
30°	26.2	25.7	25.0	24.3	23.6	22.7	21.9	21.1	20.2	19.1	17.9
28.75°	26.4	26.0	25.3	24.6	23.9	23.1	22.3	21.4	20.5	19.5	18.3
27.5°	26.7	26.2	25.6	24.9	24.2	23.4	22.6	21.7	20.8	19.9	18.7
26.25°	26.9	26.4	25.9	25.2	24.5	23.7	22.9	22.0	21.1	20.2	19.0
25°	27.1	26.6	26.1	25.5	24.8	24.0	23.2	22.3	21.4	20.5	19.4
23.75°	27.3	26.8	26.3	25.8	25.0	24.3	23.4	22.6	21.6	20.7	19.7
22.5°	27.5	27.0	26.5	26.0	25.3	24.5	23.7	22.8	21.9	21.0	20.0
21.25°	27.7	27.2	26.7	26.1	25.5	24.7	24.0	23.0	22.1	21.2	20.2
20°	27.9	27.4	26.8	26.3	25.7	25.0	24.2	23.3	22.4	21.4	20.4
18.75°	28.1	27.5	27.0	26.4	25.9	25.2	24.4	23.5	22.6	21.6	20.6
17.5°	28.2	27.7	27.1	26.6	26.0	25.3	24.6	23.7	22.8	21.8	20.8
16.25°	28.3	27.9	27.3	26.7	26.2	25.5	24.7	23.9	22.9	22.0	21.0
15°	28.4	28.0	27.4	26.9	26.3	25.7	24.9	24.1	23.1	22.2	21.2
13.75°	28.5	28.1	27.5	27.0	26.4	25.8	25.0	24.2	23.3	22.3	21.3
12.5°	28.6	28.2	27.7	27.1	26.5	25.9	25.2	24.3	23.4	22.4	21.4
11.25°	28.7	28.3	27.8	27.2	26.6	26.0	25.3	24.5	23.5	22.6	21.6
10°	28.7	28.4	27.9	27.3	26.7	26.1	25.4	24.6	23.7	22.7	21.7
8.75°	28.8	28.4	27.9	27.3	26.8	26.2	25.5	24.6	23.8	22.8	21.8
7.5°	28.9	28.5	28.0	27.4	26.8	26.2	25.6	24.7	23.9	22.9	21.9
6.25°	28.9	28.5	28.1	27.5	26.9	26.3	25.6	24.8	23.9	22.9	21.9
5°	28.9	28.5	28.1	27.5	26.9	26.3	25.7	24.9	24.0	23.0	22.0
3.75°	29.0	28.6	28.2	27.6	27.0	26.4	25.7	24.9	24.0	23.0	22.0
2.5°	29.0	28.6	28.2	27.6	27.0	26.4	25.8	24.9	24.1	23.1	22.1
1.25°	29.0	28.6	28.2	27.6	27.0	26.4	25.8	24.9	24.1	23.1	22.1
0°	29.0	28.6	28.2	27.6	27.0	26.4	25.8	25.0	24.1	23.1	22.1
-1.25°	29.0	28.6	28.2	27.6	27.0	26.4	25.8	24.9	24.1	23.1	22.1
-2.5°	29.0	28.6	28.2	27.6	27.0	26.4	25.8	24.9	24.1	23.1	22.1
-3.75°	29.0	28.6	28.2	27.6	27.0	26.4	25.7	24.9	24.0	23.0	22.0
-5°	28.9	28.5	28.1	27.5	26.9	26.3	25.7	24.9	24.0	23.0	22.0
-6.25°	28.9	28.5	28.1	27.5	26.9	26.3	25.6	24.8	23.9	22.9	21.9
-7.5°	28.9	28.5	28.0	27.4	26.8	26.2	25.6	24.7	23.9	22.9	21.9
-8.75°	28.8	28.4	27.9	27.3	26.8	26.2	25.5	24.6	23.8	22.8	21.8
-10°	28.7	28.4	27.9	27.3	26.7	26.1	25.4	24.6	23.7	22.7	21.7
-11.25°	28.7	28.3	27.8	27.2	26.6	26.0	25.3	24.5	23.5	22.6	21.6
-12.5°	28.6	28.2	27.7	27.1	26.5	25.9	25.2	24.3	23.4	22.4	21.4
-13.75°	28.5	28.1	27.5	27.0	26.4	25.8	25.0	24.2	23.3	22.3	21.3
-15°	28.4	28.0	27.4	26.9	26.3	25.7	24.9	24.1	23.1	22.2	21.2
-16.25°	28.3	27.9	27.3	26.7	26.2	25.5	24.7	23.9	22.9	22.0	21.0
-17.5°	28.2	27.7	27.1	26.6	26.0	25.3	24.6	23.7	22.8	21.8	20.8
-18.75°	28.1	27.5	27.0	26.4	25.9	25.2	24.4	23.5	22.6	21.6	20.6
-20°	27.9	27.4	26.8	26.3	25.7	25.0	24.2	23.3	22.4	21.4	20.4
-21.25°	27.7	27.2	26.7	26.1	25.5	24.7	24.0	23.0	22.1	21.2	20.2



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	27.5	27.0	26.5	26.0	25.3	24.5	23.7	22.8	21.9	21.0	20.0
-23.75°	27.3	26.8	26.3	25.8	25.0	24.3	23.4	22.6	21.6	20.7	19.7
-25°	27.1	26.6	26.1	25.5	24.8	24.0	23.2	22.3	21.4	20.5	19.4
-26.25°	26.9	26.4	25.9	25.2	24.5	23.7	22.9	22.0	21.1	20.2	19.0
-27.5°	26.7	26.2	25.6	24.9	24.2	23.4	22.6	21.7	20.8	19.9	18.7
-28.75°	26.4	26.0	25.3	24.6	23.9	23.1	22.3	21.4	20.5	19.5	18.3
-30°	26.2	25.7	25.0	24.3	23.6	22.7	21.9	21.1	20.2	19.1	17.9
-31.25°	25.9	25.3	24.7	24.0	23.2	22.4	21.6	20.7	19.8	18.7	17.5
-32.5°	25.6	25.0	24.3	23.6	22.8	22.0	21.2	20.4	19.4	18.3	17.1
-33.75°	25.2	24.6	23.9	23.2	22.4	21.6	20.8	20.0	18.9	17.8	16.7
-35°	24.8	24.2	23.5	22.8	22.0	21.2	20.4	19.5	18.4	17.4	16.2
-36.25°	24.4	23.8	23.1	22.4	21.6	20.8	20.0	19.0	18.0	16.9	15.8
-37.5°	24.0	23.3	22.6	21.9	21.2	20.4	19.5	18.5	17.5	16.4	15.3
-38.75°	23.5	22.9	22.2	21.4	20.7	20.0	19.0	18.0	16.9	15.9	14.8
-40°	23.0	22.4	21.7	21.0	20.2	19.4	18.4	17.4	16.4	15.4	14.3
-41.25°	22.5	21.9	21.2	20.5	19.7	18.8	17.8	16.8	15.8	14.8	13.9
-42.5°	22.0	21.3	20.7	20.0	19.1	18.1	17.2	16.2	15.3	14.3	13.5
-43.75°	21.4	20.8	20.1	19.3	18.4	17.5	16.6	15.6	14.7	13.8	13.0
-45°	20.9	20.2	19.5	18.6	17.8	16.9	16.0	15.0	14.1	13.4	12.6
-46.25°	20.3	19.6	18.8	17.9	17.1	16.2	15.3	14.4	13.6	12.9	12.1
-47.5°	19.6	18.8	18.0	17.2	16.4	15.5	14.6	13.9	13.1	12.4	11.7
-48.75°	18.8	18.1	17.3	16.5	15.7	14.8	14.0	13.3	12.6	11.9	11.3
-50°	18.0	17.3	16.5	15.7	14.9	14.1	13.5	12.8	12.1	11.5	10.8
-51.25°	17.2	16.5	15.7	15.0	14.2	13.6	12.9	12.2	11.6	11.0	10.4
-52.5°	16.4	15.7	14.9	14.2	13.6	13.0	12.3	11.7	11.1	10.6	10.0
-53.75°	15.5	14.8	14.1	13.6	13.0	12.3	11.8	11.2	10.7	10.1	9.6
-55°	14.6	14.0	13.5	12.9	12.3	11.8	11.2	10.7	10.2	9.7	9.3
-56.25°	13.9	13.3	12.8	12.2	11.7	11.2	10.7	10.2	9.7	9.3	8.9
-57.5°	13.1	12.6	12.1	11.6	11.1	10.7	10.2	9.7	9.3	9.0	8.6
-58.75°	12.4	11.9	11.5	11.0	10.6	10.1	9.7	9.3	9.0	8.6	8.2
-60°	11.7	11.3	10.8	10.4	10.0	9.6	9.3	8.9	8.6	8.2	8.0
-61.25°	11.0	10.6	10.2	9.8	9.5	9.2	8.8	8.5	8.2	8.0	7.9
-62.5°	10.4	10.0	9.7	9.4	9.0	8.7	8.4	8.2	8.0	7.8	7.7
-63.75°	9.7	9.5	9.2	8.9	8.6	8.3	8.1	8.0	7.8	7.6	7.5
-65°	9.2	9.0	8.7	8.4	8.2	8.0	7.9	7.7	7.6	7.5	7.2
-66.25°	8.7	8.5	8.2	8.1	7.9	7.8	7.7	7.5	7.4	7.2	6.9
-67.5°	8.2	8.1	8.0	7.8	7.7	7.6	7.5	7.3	7.1	6.9	6.6
-68.75°	7.9	7.8	7.7	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.3
-70°	7.7	7.6	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0
-71.25°	7.4	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.1	5.8	5.6
-72.5°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.4	5.2
-73.75°	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.4	5.2	5.0	4.8
-75°	6.1	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.5
-76.25°	5.6	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.2	4.1
-77.5°	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.8	3.7



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.4	3.3
-80°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.9
-81.25°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
-82.5°	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0
-83.75°	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6
-85°	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2
-86.25°	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9
-87.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
86.25°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
85°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
83.75°	1.5	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
82.5°	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.0
81.25°	2.4	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.2
80°	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.4
78.75°	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6
77.5°	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.9
76.25°	3.9	3.7	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1
75°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.7	2.5	2.3
73.75°	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
72.5°	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0	2.8
71.25°	5.4	5.2	4.9	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0
70°	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.7	3.5	3.2
68.75°	6.1	5.9	5.6	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.4
67.5°	6.4	6.2	5.9	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6
66.25°	6.7	6.5	6.2	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.8
65°	7.0	6.8	6.5	6.3	6.0	5.7	5.3	5.0	4.7	4.4	4.0
63.75°	7.3	7.0	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.3
62.5°	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.5
61.25°	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.8	5.4	5.0	4.7
60°	7.9	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.6	5.2	4.8
58.75°	8.0	7.8	7.6	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
57.5°	8.2	8.0	7.8	7.6	7.4	7.1	6.7	6.4	6.1	5.7	5.2
56.25°	8.5	8.2	8.0	7.7	7.5	7.3	6.9	6.6	6.2	5.9	5.4
55°	8.8	8.4	8.1	7.9	7.7	7.5	7.1	6.8	6.4	6.1	5.6
53.75°	9.2	8.7	8.3	8.0	7.8	7.6	7.3	7.0	6.6	6.2	5.8
52.5°	9.5	9.0	8.6	8.2	7.9	7.7	7.5	7.1	6.8	6.4	6.0
51.25°	9.8	9.4	8.9	8.4	8.1	7.8	7.6	7.3	6.9	6.5	6.1
50°	10.2	9.7	9.2	8.7	8.2	8.0	7.7	7.5	7.1	6.7	6.3
48.75°	10.6	10.0	9.5	9.0	8.5	8.1	7.8	7.6	7.3	6.8	6.4
47.5°	11.0	10.4	9.7	9.2	8.7	8.2	7.9	7.7	7.4	7.0	6.6
46.25°	11.4	10.7	10.1	9.5	8.9	8.4	8.0	7.8	7.5	7.1	6.7
45°	11.8	11.1	10.4	9.7	9.2	8.6	8.2	7.9	7.6	7.3	6.8
43.75°	12.2	11.5	10.8	10.0	9.4	8.9	8.3	8.0	7.7	7.4	7.0
42.5°	12.6	11.8	11.1	10.4	9.7	9.1	8.5	8.1	7.8	7.5	7.1
41.25°	13.1	12.2	11.4	10.7	9.9	9.3	8.7	8.2	7.9	7.6	7.2
40°	13.5	12.6	11.7	11.0	10.2	9.5	8.9	8.3	8.0	7.7	7.3
38.75°	13.9	13.0	12.1	11.3	10.5	9.7	9.1	8.5	8.0	7.7	7.4
37.5°	14.2	13.3	12.4	11.6	10.8	9.9	9.3	8.7	8.1	7.8	7.5
36.25°	14.7	13.7	12.8	11.8	11.0	10.2	9.5	8.8	8.2	7.9	7.6
35°	15.1	14.0	13.1	12.1	11.3	10.4	9.7	9.0	8.4	8.0	7.6



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	15.5	14.4	13.4	12.4	11.5	10.7	9.8	9.2	8.5	8.0	7.7
32.5°	16.0	14.8	13.7	12.7	11.8	10.9	10.1	9.3	8.7	8.1	7.8
31.25°	16.4	15.2	14.0	13.0	12.0	11.1	10.3	9.5	8.8	8.2	7.8
30°	16.8	15.5	14.3	13.3	12.3	11.4	10.5	9.6	8.9	8.3	7.9
28.75°	17.1	15.9	14.7	13.6	12.5	11.6	10.7	9.8	9.1	8.4	7.9
27.5°	17.5	16.2	15.0	13.8	12.8	11.8	10.9	9.9	9.2	8.5	8.0
26.25°	17.8	16.6	15.3	14.1	13.0	12.0	11.0	10.1	9.3	8.6	8.1
25°	18.1	16.9	15.6	14.3	13.3	12.2	11.2	10.3	9.4	8.7	8.1
23.75°	18.5	17.2	15.9	14.6	13.5	12.4	11.4	10.4	9.6	8.8	8.1
22.5°	18.7	17.5	16.2	14.9	13.7	12.6	11.5	10.6	9.7	8.9	8.2
21.25°	19.0	17.7	16.4	15.1	13.9	12.8	11.7	10.7	9.8	9.0	8.3
20°	19.3	18.0	16.7	15.3	14.0	12.9	11.8	10.8	9.9	9.1	8.4
18.75°	19.5	18.2	16.9	15.6	14.2	13.1	12.0	11.0	10.0	9.2	8.4
17.5°	19.8	18.5	17.1	15.8	14.4	13.2	12.1	11.1	10.1	9.3	8.5
16.25°	20.0	18.7	17.3	16.0	14.6	13.4	12.2	11.2	10.2	9.3	8.6
15°	20.2	18.9	17.5	16.1	14.8	13.5	12.4	11.3	10.3	9.4	8.6
13.75°	20.3	19.0	17.7	16.3	14.9	13.6	12.5	11.4	10.4	9.5	8.7
12.5°	20.4	19.2	17.9	16.5	15.1	13.8	12.6	11.5	10.5	9.5	8.7
11.25°	20.5	19.4	18.0	16.6	15.2	13.9	12.7	11.6	10.5	9.6	8.8
10°	20.6	19.5	18.1	16.7	15.3	14.0	12.8	11.6	10.6	9.6	8.8
8.75°	20.7	19.6	18.2	16.8	15.4	14.0	12.9	11.7	10.7	9.7	8.9
7.5°	20.8	19.7	18.3	16.9	15.5	14.1	12.9	11.8	10.7	9.7	8.9
6.25°	20.9	19.8	18.4	17.0	15.6	14.2	13.0	11.8	10.8	9.7	8.9
5°	20.9	19.9	18.5	17.1	15.6	14.2	13.0	11.8	10.8	9.8	9.0
3.75°	21.0	19.9	18.5	17.1	15.7	14.3	13.1	11.9	10.8	9.8	9.0
2.5°	21.0	20.0	18.6	17.2	15.7	14.3	13.1	11.9	10.8	9.8	9.0
1.25°	21.0	20.0	18.6	17.2	15.7	14.3	13.1	11.9	10.8	9.8	9.0
0°	21.1	20.0	18.6	17.2	15.8	14.3	13.1	11.9	10.9	9.8	9.0
-1.25°	21.0	20.0	18.6	17.2	15.7	14.3	13.1	11.9	10.8	9.8	9.0
-2.5°	21.0	20.0	18.6	17.2	15.7	14.3	13.1	11.9	10.8	9.8	9.0
-3.75°	21.0	19.9	18.5	17.1	15.7	14.3	13.1	11.9	10.8	9.8	9.0
-5°	20.9	19.9	18.5	17.1	15.6	14.2	13.0	11.8	10.8	9.8	9.0
-6.25°	20.9	19.8	18.4	17.0	15.6	14.2	13.0	11.8	10.8	9.7	8.9
-7.5°	20.8	19.7	18.3	16.9	15.5	14.1	12.9	11.8	10.7	9.7	8.9
-8.75°	20.7	19.6	18.2	16.8	15.4	14.0	12.9	11.7	10.7	9.7	8.9
-10°	20.6	19.5	18.1	16.7	15.3	14.0	12.8	11.6	10.6	9.6	8.8
-11.25°	20.5	19.4	18.0	16.6	15.2	13.9	12.7	11.6	10.5	9.6	8.8
-12.5°	20.4	19.2	17.9	16.5	15.1	13.8	12.6	11.5	10.5	9.5	8.7
-13.75°	20.3	19.0	17.7	16.3	14.9	13.6	12.5	11.4	10.4	9.5	8.7
-15°	20.2	18.9	17.5	16.1	14.8	13.5	12.4	11.3	10.3	9.4	8.6
-16.25°	20.0	18.7	17.3	16.0	14.6	13.4	12.2	11.2	10.2	9.3	8.6
-17.5°	19.8	18.5	17.1	15.8	14.4	13.2	12.1	11.1	10.1	9.3	8.5
-18.75°	19.5	18.2	16.9	15.6	14.2	13.1	12.0	11.0	10.0	9.2	8.4
-20°	19.3	18.0	16.7	15.3	14.0	12.9	11.8	10.8	9.9	9.1	8.4
-21.25°	19.0	17.7	16.4	15.1	13.9	12.8	11.7	10.7	9.8	9.0	8.3



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	18.7	17.5	16.2	14.9	13.7	12.6	11.5	10.6	9.7	8.9	8.2
-23.75°	18.5	17.2	15.9	14.6	13.5	12.4	11.4	10.4	9.6	8.8	8.1
-25°	18.1	16.9	15.6	14.3	13.3	12.2	11.2	10.3	9.4	8.7	8.1
-26.25°	17.8	16.6	15.3	14.1	13.0	12.0	11.0	10.1	9.3	8.6	8.1
-27.5°	17.5	16.2	15.0	13.8	12.8	11.8	10.9	9.9	9.2	8.5	8.0
-28.75°	17.1	15.9	14.7	13.6	12.5	11.6	10.7	9.8	9.1	8.4	7.9
-30°	16.8	15.5	14.3	13.3	12.3	11.4	10.5	9.6	8.9	8.3	7.9
-31.25°	16.4	15.2	14.0	13.0	12.0	11.1	10.3	9.5	8.8	8.2	7.8
-32.5°	16.0	14.8	13.7	12.7	11.8	10.9	10.1	9.3	8.7	8.1	7.8
-33.75°	15.5	14.4	13.4	12.4	11.5	10.7	9.8	9.2	8.5	8.0	7.7
-35°	15.1	14.0	13.1	12.1	11.3	10.4	9.7	9.0	8.4	8.0	7.6
-36.25°	14.7	13.7	12.8	11.8	11.0	10.2	9.5	8.8	8.2	7.9	7.6
-37.5°	14.2	13.3	12.4	11.6	10.8	9.9	9.3	8.7	8.1	7.8	7.5
-38.75°	13.9	13.0	12.1	11.3	10.5	9.7	9.1	8.5	8.0	7.7	7.4
-40°	13.5	12.6	11.7	11.0	10.2	9.5	8.9	8.3	8.0	7.7	7.3
-41.25°	13.1	12.2	11.4	10.7	9.9	9.3	8.7	8.2	7.9	7.6	7.2
-42.5°	12.6	11.8	11.1	10.4	9.7	9.1	8.5	8.1	7.8	7.5	7.1
-43.75°	12.2	11.5	10.8	10.0	9.4	8.9	8.3	8.0	7.7	7.4	7.0
-45°	11.8	11.1	10.4	9.7	9.2	8.6	8.2	7.9	7.6	7.3	6.8
-46.25°	11.4	10.7	10.1	9.5	8.9	8.4	8.0	7.8	7.5	7.1	6.7
-47.5°	11.0	10.4	9.7	9.2	8.7	8.2	7.9	7.7	7.4	7.0	6.6
-48.75°	10.6	10.0	9.5	9.0	8.5	8.1	7.8	7.6	7.3	6.8	6.4
-50°	10.2	9.7	9.2	8.7	8.2	8.0	7.7	7.5	7.1	6.7	6.3
-51.25°	9.8	9.4	8.9	8.4	8.1	7.8	7.6	7.3	6.9	6.5	6.1
-52.5°	9.5	9.0	8.6	8.2	7.9	7.7	7.5	7.1	6.8	6.4	6.0
-53.75°	9.2	8.7	8.3	8.0	7.8	7.6	7.3	7.0	6.6	6.2	5.8
-55°	8.8	8.4	8.1	7.9	7.7	7.5	7.1	6.8	6.4	6.1	5.6
-56.25°	8.5	8.2	8.0	7.7	7.5	7.3	6.9	6.6	6.2	5.9	5.4
-57.5°	8.2	8.0	7.8	7.6	7.4	7.1	6.7	6.4	6.1	5.7	5.2
-58.75°	8.0	7.8	7.6	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
-60°	7.9	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.6	5.2	4.8
-61.25°	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.8	5.4	5.0	4.7
-62.5°	7.5	7.3	7.0	6.8	6.5	6.2	5.9	5.5	5.2	4.8	4.5
-63.75°	7.3	7.0	6.8	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.3
-65°	7.0	6.8	6.5	6.3	6.0	5.7	5.3	5.0	4.7	4.4	4.0
-66.25°	6.7	6.5	6.2	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.8
-67.5°	6.4	6.2	5.9	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6
-68.75°	6.1	5.9	5.6	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.4
-70°	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.7	3.5	3.2
-71.25°	5.4	5.2	4.9	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0
-72.5°	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0	2.8
-73.75°	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
-75°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.7	2.5	2.3
-76.25°	3.9	3.7	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1
-77.5°	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.9



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6
-80°	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.4
-81.25°	2.4	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.2
-82.5°	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.0
-83.75°	1.5	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-85°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-86.25°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
-87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-88.75°	0.3	0.3	0.3	0.3	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: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
87.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
86.25°	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
85°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
83.75°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
82.5°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
81.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
80°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
78.75°	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
77.5°	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
76.25°	1.9	1.7	1.5	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
75°	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8	0.6	0.5	0.3
73.75°	2.3	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.3
72.5°	2.5	2.3	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.5	0.4
71.25°	2.7	2.5	2.2	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.4
70°	3.0	2.7	2.4	2.1	1.8	1.5	1.2	1.0	0.8	0.6	0.4
68.75°	3.1	2.9	2.6	2.3	2.0	1.6	1.3	1.1	0.9	0.7	0.4
67.5°	3.3	3.0	2.7	2.4	2.1	1.8	1.4	1.1	0.9	0.7	0.5
66.25°	3.5	3.2	2.9	2.6	2.2	1.9	1.5	1.2	1.0	0.7	0.5
65°	3.7	3.4	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.8	0.5
63.75°	3.9	3.6	3.2	2.9	2.5	2.1	1.8	1.4	1.1	0.8	0.5
62.5°	4.1	3.7	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.8	0.6
61.25°	4.3	3.9	3.5	3.1	2.8	2.4	1.9	1.5	1.2	0.9	0.6
60°	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.9	0.6
58.75°	4.6	4.2	3.8	3.4	3.0	2.6	2.1	1.7	1.3	0.9	0.6
57.5°	4.8	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.3	1.0	0.6
56.25°	5.0	4.6	4.1	3.7	3.2	2.8	2.3	1.9	1.4	1.0	0.7
55°	5.2	4.7	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0	0.7
53.75°	5.3	4.9	4.4	3.9	3.5	3.0	2.5	2.0	1.5	1.1	0.7
52.5°	5.5	5.0	4.5	4.1	3.6	3.1	2.6	2.1	1.6	1.1	0.7
51.25°	5.7	5.2	4.7	4.2	3.7	3.2	2.7	2.2	1.6	1.1	0.8
50°	5.8	5.3	4.8	4.3	3.8	3.3	2.8	2.2	1.7	1.2	0.8
48.75°	6.0	5.5	5.0	4.4	3.9	3.4	2.9	2.3	1.7	1.2	0.8
47.5°	6.1	5.6	5.1	4.5	4.0	3.5	2.9	2.4	1.8	1.2	0.8
46.25°	6.3	5.8	5.2	4.7	4.1	3.6	3.0	2.4	1.8	1.3	0.8
45°	6.4	5.9	5.3	4.8	4.2	3.7	3.1	2.5	1.9	1.3	0.8
43.75°	6.5	6.0	5.5	4.9	4.3	3.7	3.2	2.6	2.0	1.3	0.9
42.5°	6.6	6.1	5.6	5.0	4.4	3.8	3.2	2.6	2.0	1.4	0.9
41.25°	6.7	6.3	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.4	0.9
40°	6.8	6.4	5.8	5.2	4.6	4.0	3.4	2.8	2.1	1.5	0.9
38.75°	7.0	6.5	5.9	5.3	4.7	4.1	3.4	2.8	2.2	1.5	0.9
37.5°	7.1	6.6	6.0	5.4	4.8	4.1	3.5	2.9	2.2	1.5	1.0
36.25°	7.2	6.6	6.1	5.5	4.9	4.2	3.6	2.9	2.2	1.6	1.0
35°	7.3	6.7	6.2	5.6	4.9	4.3	3.6	3.0	2.3	1.6	1.0



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	7.4	6.8	6.3	5.7	5.0	4.4	3.7	3.0	2.3	1.6	1.0
32.5°	7.4	6.9	6.4	5.8	5.1	4.4	3.7	3.1	2.4	1.7	1.0
31.25°	7.5	7.0	6.4	5.8	5.2	4.5	3.8	3.1	2.4	1.7	1.0
30°	7.5	7.1	6.5	5.9	5.2	4.5	3.9	3.2	2.4	1.7	1.0
28.75°	7.6	7.2	6.6	6.0	5.3	4.6	3.9	3.2	2.5	1.7	1.1
27.5°	7.6	7.2	6.7	6.1	5.4	4.7	4.0	3.2	2.5	1.8	1.1
26.25°	7.7	7.3	6.7	6.1	5.4	4.7	4.0	3.3	2.5	1.8	1.1
25°	7.7	7.4	6.8	6.2	5.5	4.8	4.0	3.3	2.6	1.8	1.1
23.75°	7.8	7.4	6.8	6.2	5.6	4.8	4.1	3.4	2.6	1.8	1.1
22.5°	7.8	7.5	6.9	6.3	5.6	4.9	4.1	3.4	2.6	1.9	1.1
21.25°	7.9	7.5	7.0	6.3	5.7	4.9	4.2	3.4	2.7	1.9	1.1
20°	7.9	7.5	7.0	6.4	5.7	5.0	4.2	3.5	2.7	1.9	1.1
18.75°	7.9	7.6	7.0	6.4	5.8	5.0	4.2	3.5	2.7	1.9	1.1
17.5°	8.0	7.6	7.1	6.5	5.8	5.0	4.3	3.5	2.7	1.9	1.1
16.25°	8.0	7.6	7.1	6.5	5.8	5.1	4.3	3.5	2.8	1.9	1.2
15°	8.0	7.6	7.2	6.5	5.9	5.1	4.3	3.6	2.8	2.0	1.2
13.75°	8.1	7.7	7.2	6.6	5.9	5.1	4.4	3.6	2.8	2.0	1.2
12.5°	8.1	7.7	7.2	6.6	5.9	5.2	4.4	3.6	2.8	2.0	1.2
11.25°	8.1	7.7	7.3	6.6	6.0	5.2	4.4	3.6	2.8	2.0	1.2
10°	8.1	7.7	7.3	6.7	6.0	5.2	4.4	3.6	2.8	2.0	1.2
8.75°	8.1	7.7	7.3	6.7	6.0	5.2	4.4	3.7	2.9	2.0	1.2
7.5°	8.2	7.8	7.3	6.7	6.0	5.3	4.5	3.7	2.9	2.0	1.2
6.25°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
5°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
3.75°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
2.5°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
1.25°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
0°	8.2	7.8	7.4	6.8	6.1	5.3	4.5	3.7	2.9	2.1	1.2
-1.25°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
-2.5°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
-3.75°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
-5°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
-6.25°	8.2	7.8	7.4	6.7	6.1	5.3	4.5	3.7	2.9	2.0	1.2
-7.5°	8.2	7.8	7.3	6.7	6.0	5.3	4.5	3.7	2.9	2.0	1.2
-8.75°	8.1	7.7	7.3	6.7	6.0	5.2	4.4	3.7	2.9	2.0	1.2
-10°	8.1	7.7	7.3	6.7	6.0	5.2	4.4	3.6	2.8	2.0	1.2
-11.25°	8.1	7.7	7.3	6.6	6.0	5.2	4.4	3.6	2.8	2.0	1.2
-12.5°	8.1	7.7	7.2	6.6	5.9	5.2	4.4	3.6	2.8	2.0	1.2
-13.75°	8.1	7.7	7.2	6.6	5.9	5.1	4.4	3.6	2.8	2.0	1.2
-15°	8.0	7.6	7.2	6.5	5.9	5.1	4.3	3.6	2.8	2.0	1.2
-16.25°	8.0	7.6	7.1	6.5	5.8	5.1	4.3	3.5	2.8	1.9	1.2
-17.5°	8.0	7.6	7.1	6.5	5.8	5.0	4.3	3.5	2.7	1.9	1.1
-18.75°	7.9	7.6	7.0	6.4	5.8	5.0	4.2	3.5	2.7	1.9	1.1
-20°	7.9	7.5	7.0	6.4	5.7	5.0	4.2	3.5	2.7	1.9	1.1
-21.25°	7.9	7.5	7.0	6.3	5.7	4.9	4.2	3.4	2.7	1.9	1.1



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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°	7.8	7.5	6.9	6.3	5.6	4.9	4.1	3.4	2.6	1.9	1.1
-23.75°	7.8	7.4	6.8	6.2	5.6	4.8	4.1	3.4	2.6	1.8	1.1
-25°	7.7	7.4	6.8	6.2	5.5	4.8	4.0	3.3	2.6	1.8	1.1
-26.25°	7.7	7.3	6.7	6.1	5.4	4.7	4.0	3.3	2.5	1.8	1.1
-27.5°	7.6	7.2	6.7	6.1	5.4	4.7	4.0	3.2	2.5	1.8	1.1
-28.75°	7.6	7.2	6.6	6.0	5.3	4.6	3.9	3.2	2.5	1.7	1.1
-30°	7.5	7.1	6.5	5.9	5.2	4.5	3.9	3.2	2.4	1.7	1.0
-31.25°	7.5	7.0	6.4	5.8	5.2	4.5	3.8	3.1	2.4	1.7	1.0
-32.5°	7.4	6.9	6.4	5.8	5.1	4.4	3.7	3.1	2.4	1.7	1.0
-33.75°	7.4	6.8	6.3	5.7	5.0	4.4	3.7	3.0	2.3	1.6	1.0
-35°	7.3	6.7	6.2	5.6	4.9	4.3	3.6	3.0	2.3	1.6	1.0
-36.25°	7.2	6.6	6.1	5.5	4.9	4.2	3.6	2.9	2.2	1.6	1.0
-37.5°	7.1	6.6	6.0	5.4	4.8	4.1	3.5	2.9	2.2	1.5	1.0
-38.75°	7.0	6.5	5.9	5.3	4.7	4.1	3.4	2.8	2.2	1.5	0.9
-40°	6.8	6.4	5.8	5.2	4.6	4.0	3.4	2.8	2.1	1.5	0.9
-41.25°	6.7	6.3	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.4	0.9
-42.5°	6.6	6.1	5.6	5.0	4.4	3.8	3.2	2.6	2.0	1.4	0.9
-43.75°	6.5	6.0	5.5	4.9	4.3	3.7	3.2	2.6	2.0	1.3	0.9
-45°	6.4	5.9	5.3	4.8	4.2	3.7	3.1	2.5	1.9	1.3	0.8
-46.25°	6.3	5.8	5.2	4.7	4.1	3.6	3.0	2.4	1.8	1.3	0.8
-47.5°	6.1	5.6	5.1	4.5	4.0	3.5	2.9	2.4	1.8	1.2	0.8
-48.75°	6.0	5.5	5.0	4.4	3.9	3.4	2.9	2.3	1.7	1.2	0.8
-50°	5.8	5.3	4.8	4.3	3.8	3.3	2.8	2.2	1.7	1.2	0.8
-51.25°	5.7	5.2	4.7	4.2	3.7	3.2	2.7	2.2	1.6	1.1	0.8
-52.5°	5.5	5.0	4.5	4.1	3.6	3.1	2.6	2.1	1.6	1.1	0.7
-53.75°	5.3	4.9	4.4	3.9	3.5	3.0	2.5	2.0	1.5	1.1	0.7
-55°	5.2	4.7	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0	0.7
-56.25°	5.0	4.6	4.1	3.7	3.2	2.8	2.3	1.9	1.4	1.0	0.7
-57.5°	4.8	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.3	1.0	0.6
-58.75°	4.6	4.2	3.8	3.4	3.0	2.6	2.1	1.7	1.3	0.9	0.6
-60°	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.9	0.6
-61.25°	4.3	3.9	3.5	3.1	2.8	2.4	1.9	1.5	1.2	0.9	0.6
-62.5°	4.1	3.7	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.8	0.6
-63.75°	3.9	3.6	3.2	2.9	2.5	2.1	1.8	1.4	1.1	0.8	0.5
-65°	3.7	3.4	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.8	0.5
-66.25°	3.5	3.2	2.9	2.6	2.2	1.9	1.5	1.2	1.0	0.7	0.5
-67.5°	3.3	3.0	2.7	2.4	2.1	1.8	1.4	1.1	0.9	0.7	0.5
-68.75°	3.1	2.9	2.6	2.3	2.0	1.6	1.3	1.1	0.9	0.7	0.4
-70°	3.0	2.7	2.4	2.1	1.8	1.5	1.2	1.0	0.8	0.6	0.4
-71.25°	2.7	2.5	2.2	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.4
-72.5°	2.5	2.3	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-73.75°	2.3	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.3
-75°	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8	0.6	0.5	0.3
-76.25°	1.9	1.7	1.5	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
-77.5°	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3



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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°	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-80°	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-81.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
-82.5°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-83.75°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-85°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-86.25°	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
-87.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-88.75°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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°	0.1	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°	0.2	0.0
73.75°	0.2	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°	0.3	0.0
63.75°	0.3	0.0
62.5°	0.3	0.0
61.25°	0.3	0.0
60°	0.3	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°	0.4	0.0
52.5°	0.4	0.0
51.25°	0.4	0.0
50°	0.4	0.0
48.75°	0.4	0.0
47.5°	0.4	0.0
46.25°	0.4	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.5	0.0
40°	0.5	0.0
38.75°	0.5	0.0
37.5°	0.5	0.0
36.25°	0.5	0.0
35°	0.5	0.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.5	0.0
32.5°	0.5	0.0
31.25°	0.5	0.0
30°	0.5	0.0
28.75°	0.5	0.0
27.5°	0.5	0.0
26.25°	0.5	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.6	0.0
21.25°	0.6	0.0
20°	0.6	0.0
18.75°	0.6	0.0
17.5°	0.6	0.0
16.25°	0.6	0.0
15°	0.6	0.0
13.75°	0.6	0.0
12.5°	0.6	0.0
11.25°	0.6	0.0
10°	0.6	0.0
8.75°	0.6	0.0
7.5°	0.6	0.0
6.25°	0.6	0.0
5°	0.6	0.0
3.75°	0.6	0.0
2.5°	0.6	0.0
1.25°	0.6	0.0
0°	0.6	0.0
-1.25°	0.6	0.0
-2.5°	0.6	0.0
-3.75°	0.6	0.0
-5°	0.6	0.0
-6.25°	0.6	0.0
-7.5°	0.6	0.0
-8.75°	0.6	0.0
-10°	0.6	0.0
-11.25°	0.6	0.0
-12.5°	0.6	0.0
-13.75°	0.6	0.0
-15°	0.6	0.0
-16.25°	0.6	0.0
-17.5°	0.6	0.0
-18.75°	0.6	0.0
-20°	0.6	0.0
-21.25°	0.6	0.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.6	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.5	0.0
-27.5°	0.5	0.0
-28.75°	0.5	0.0
-30°	0.5	0.0
-31.25°	0.5	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.5	0.0
-37.5°	0.5	0.0
-38.75°	0.5	0.0
-40°	0.5	0.0
-41.25°	0.5	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.4	0.0
-52.5°	0.4	0.0
-53.75°	0.4	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°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	0.0
-63.75°	0.3	0.0
-65°	0.3	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°	0.2	0.0
-75°	0.2	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P220467 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-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°	0.1	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)