

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: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

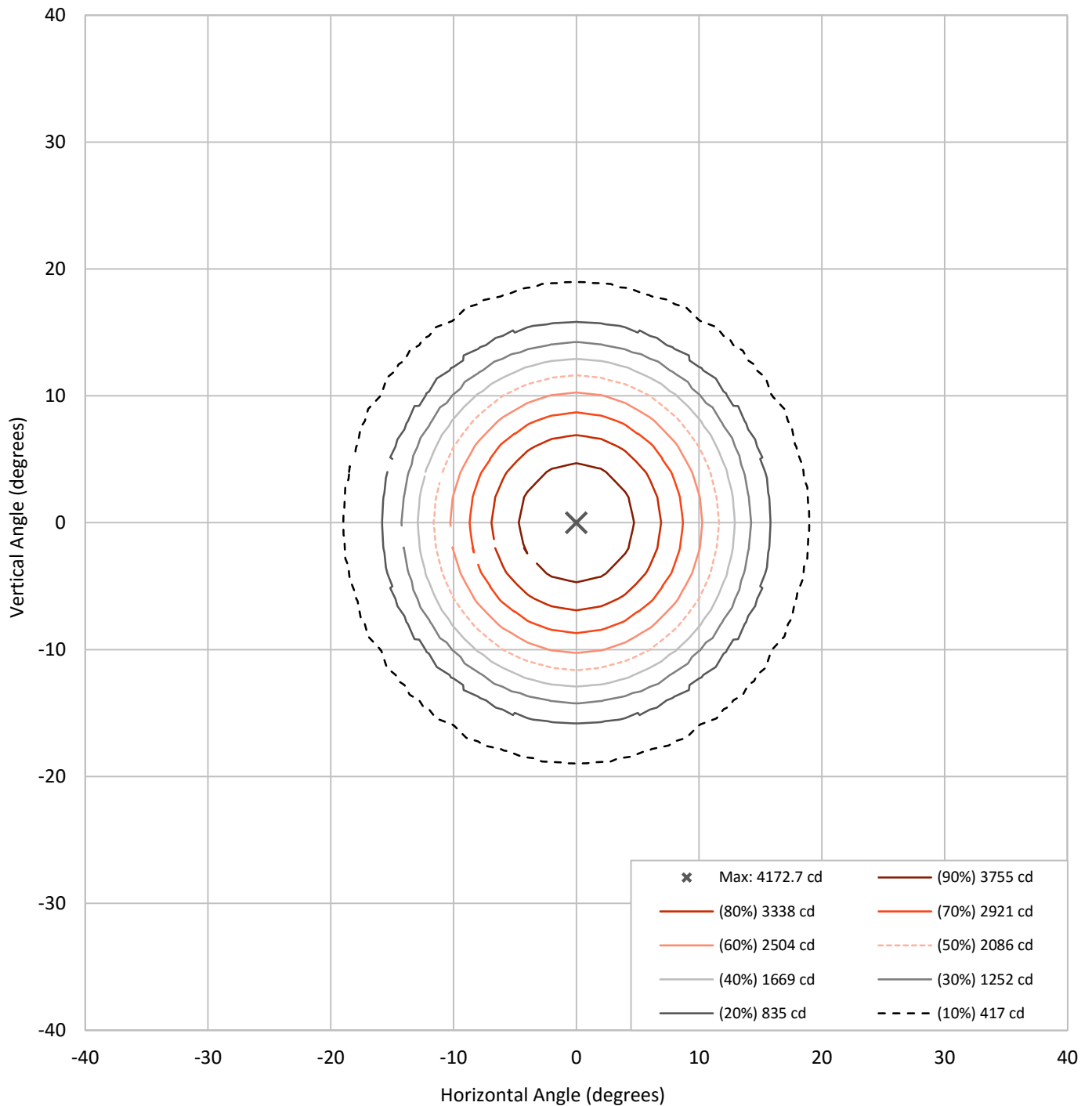
Test Method: LM-79-08
Report Number: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29410)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	744.9 lumens	Max Intensity:	4172.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.3°H x 23.3°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	399 lumens	Field Lumens:	603.7 lumens
Beam Efficiency:	53.6%	Field Efficiency:	81.0%
Input Watts (W):	10		
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





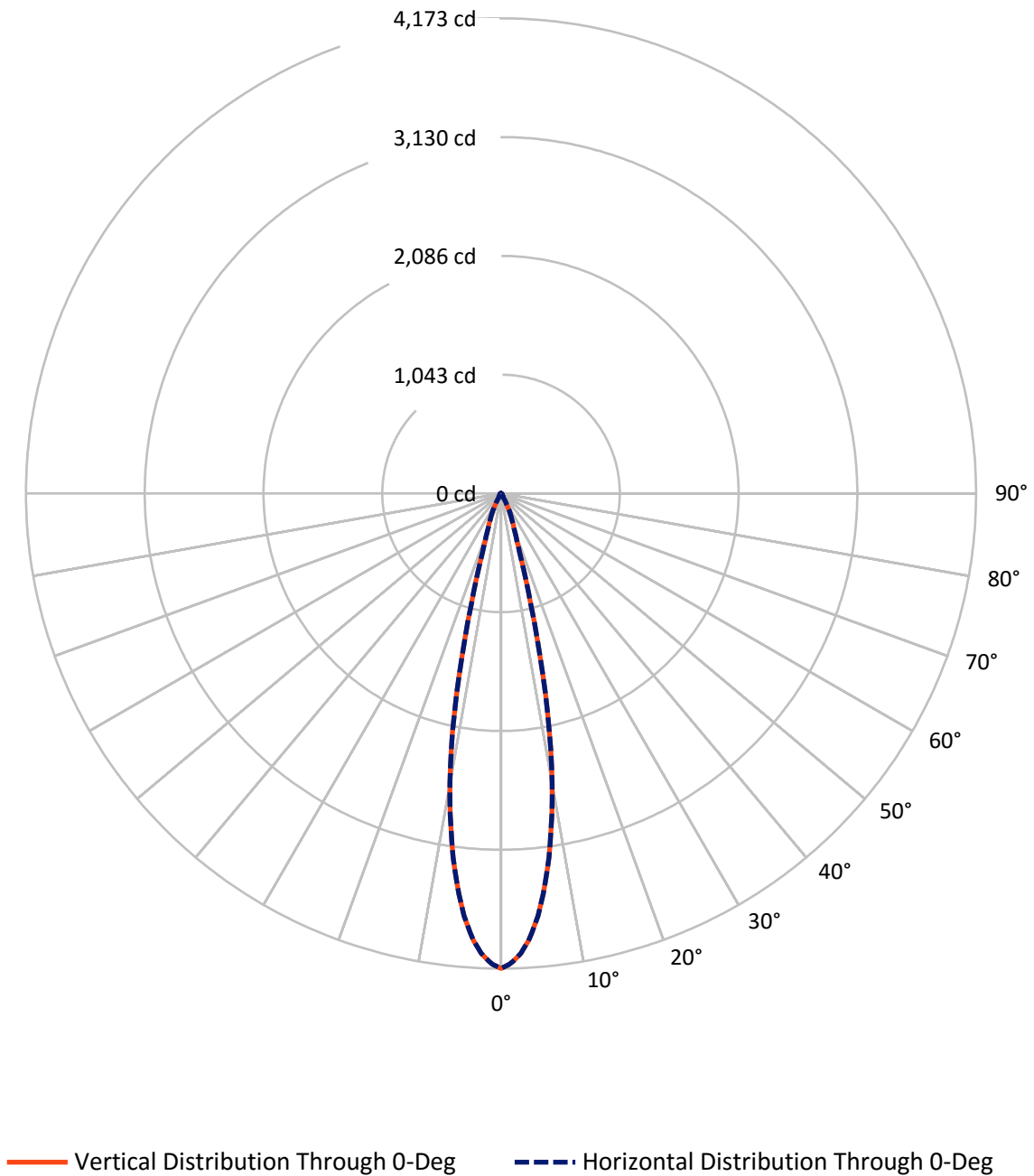
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Lumen Table

90																			
80	0.0	0.1		0.2		0.3		0.4		0.3		0.2		0.1		0.0			
70																			
60	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0			
50		0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1				
40	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1			
30		0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.7	0.5	0.4	0.3	0.2	0.1	0.1				
20	0.1	0.1	0.2	0.3	0.4	0.7	2.3	4.8	4.8	2.3	0.7	0.4	0.3	0.2	0.1	0.1			
10		0.1	0.2	0.3	0.5	2.2	9.9	29.3	29.3	9.9	2.2	0.5	0.3	0.2	0.1				
0	0.1	0.1	0.2	0.3	0.6	4.4	28.6	93.6	93.6	28.6	4.4	0.6	0.3	0.2	0.1	0.1			
-10		0.1	0.2	0.3	0.6	4.4	28.6	93.6	93.6	28.6	4.4	0.6	0.3	0.2	0.1				
-20	0.1	0.1	0.2	0.3	0.5	2.2	9.9	29.3	29.3	9.9	2.2	0.5	0.3	0.2	0.1	0.1			
-30		0.1	0.2	0.3	0.4	0.7	2.3	4.8	4.8	2.3	0.7	0.4	0.3	0.2	0.1				
-40	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.7	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
-50		0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1				
-60	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0			
-70		0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0				
-80	0.0	0.1		0.2		0.3		0.4		0.3		0.2		0.1		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

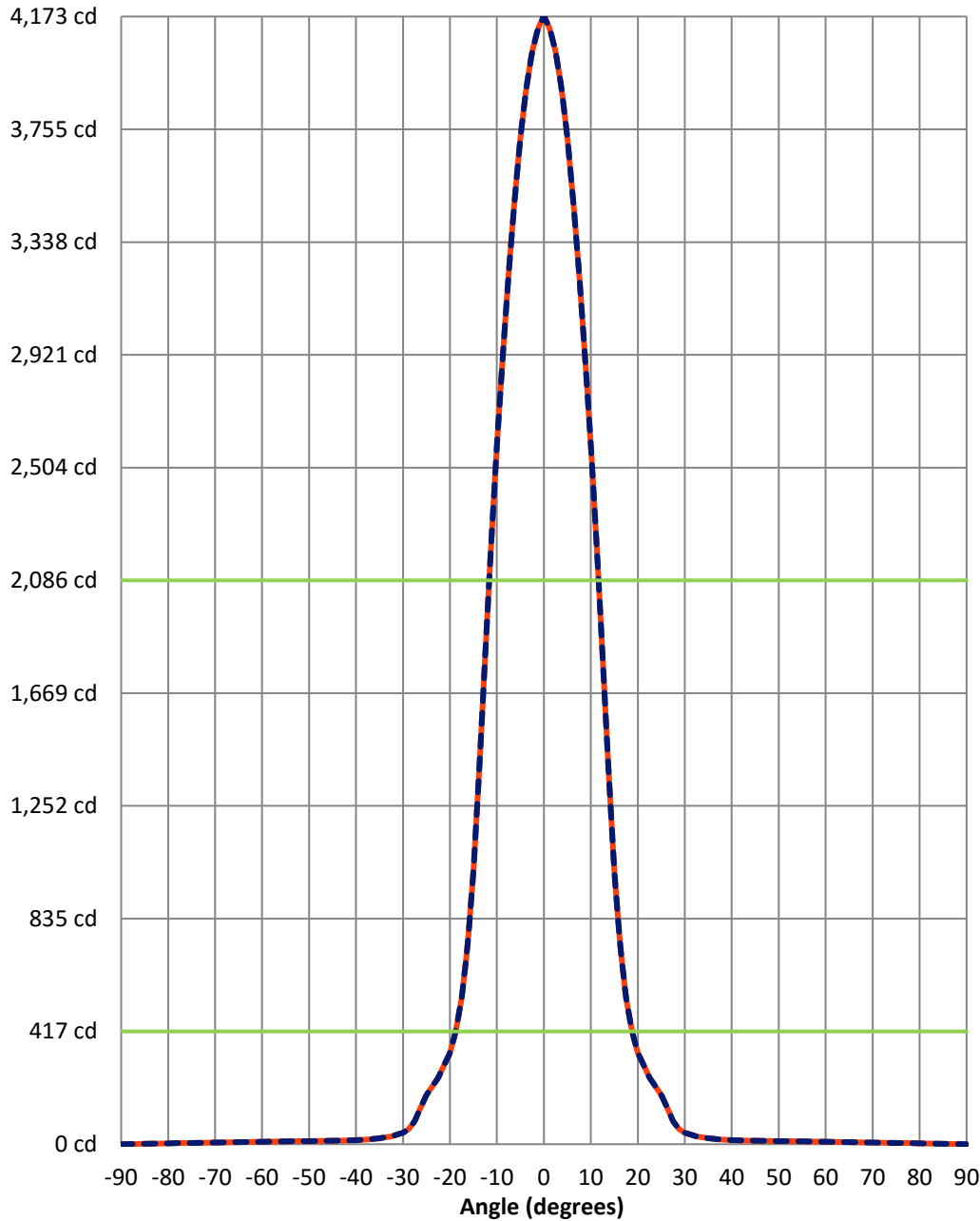
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.3°
 V Angle: 23.3°
 Lumens: 399
 Efficiency: 53.6%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 603.7
 Efficiency: 81.0%

Spill:
 Lumens: 141.2
 Efficiency: 19.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
81.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
78.75°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4
67.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4
66.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
65°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.6
63.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.0	1.2	1.3	1.5	1.7
62.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.2	1.4	1.6	1.7
61.25°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.8
60°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
58.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
57.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.2	1.4	1.6	1.8	2.0
56.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
55°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
53.75°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.3
52.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.6	1.8	2.1	2.3
51.25°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.9	2.1	2.4
50°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.2	2.4
48.75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.3	2.5
47.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
46.25°	0.0	0.3	0.6	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.6
45°	0.0	0.3	0.6	0.8	1.1	1.3	1.6	1.9	2.2	2.4	2.7
43.75°	0.0	0.3	0.6	0.9	1.1	1.4	1.6	1.9	2.2	2.5	2.7
42.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
41.25°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
40°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
38.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	2.9
37.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
36.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.5	2.7	3.0
35°	0.0	0.3	0.7	1.0	1.2	1.5	1.9	2.2	2.5	2.8	3.1



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.2
32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.3
31.25°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.4
30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.5
28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.6
27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.6
26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.7
25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1	3.8
23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.2	3.9
22.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.8	3.2	3.9
21.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.3	4.0
20°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.3	4.0
18.75°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.4	4.1
17.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.9	3.4	4.1
16.25°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.5	4.2
15°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.5	4.2
13.75°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.6	4.3
12.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	2.9	3.6	4.3
11.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	2.9	3.6	4.4
10°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.6	4.4
8.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.4
7.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.4
6.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
3.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
2.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
1.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
0°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.8	4.5
-1.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
-2.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
-3.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
-5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
-6.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
-7.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.4
-8.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.4
-10°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.6	4.4
-11.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	2.9	3.6	4.4
-12.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	2.9	3.6	4.3
-13.75°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.6	4.3
-15°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.5	4.2
-16.25°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.5	4.2
-17.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.9	3.4	4.1
-18.75°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.4	4.1
-20°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.3	4.0
-21.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.3	4.0



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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	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.8	3.2	3.9
-23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.2	3.9
-25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1	3.8
-26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.7
-27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.6
-28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.6
-30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.5
-31.25°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.4
-32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.3
-33.75°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.2
-35°	0.0	0.3	0.7	1.0	1.2	1.5	1.9	2.2	2.5	2.8	3.1
-36.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.5	2.7	3.0
-37.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-38.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	2.9
-40°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
-41.25°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-42.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-43.75°	0.0	0.3	0.6	0.9	1.1	1.4	1.6	1.9	2.2	2.5	2.7
-45°	0.0	0.3	0.6	0.8	1.1	1.3	1.6	1.9	2.2	2.4	2.7
-46.25°	0.0	0.3	0.6	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.6
-47.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
-48.75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.3	2.5
-50°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.2	2.4
-51.25°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.9	2.1	2.4
-52.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.6	1.8	2.1	2.3
-53.75°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.3
-55°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-56.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-57.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.2	1.4	1.6	1.8	2.0
-58.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-60°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-61.25°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.8
-62.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-63.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.0	1.2	1.3	1.5	1.7
-65°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.6
-66.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-67.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4
-68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4
-70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
-71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
-75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
-81.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-82.5°	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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.0	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: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
87.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
86.25°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
85°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0
81.25°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2
80°	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3
78.75°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
77.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7
76.25°	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
75°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
73.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
72.5°	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
71.25°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5
70°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
68.75°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8
67.5°	1.6	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9
66.25°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.2
65°	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.2	3.5
63.75°	1.8	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.2	3.5	3.8
62.5°	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.4	3.8	4.1
61.25°	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.4	3.7	4.0	4.4
60°	2.1	2.3	2.5	2.6	2.8	3.0	3.3	3.6	4.0	4.3	4.5
58.75°	2.2	2.4	2.5	2.7	2.9	3.1	3.5	3.9	4.2	4.5	4.5
57.5°	2.2	2.4	2.6	2.8	3.0	3.4	3.7	4.1	4.5	4.5	4.5
56.25°	2.3	2.5	2.7	2.9	3.2	3.6	4.0	4.4	4.5	4.5	4.5
55°	2.4	2.6	2.8	3.0	3.4	3.8	4.2	4.5	4.5	4.5	4.5
53.75°	2.5	2.7	2.9	3.1	3.6	4.0	4.4	4.5	4.5	4.5	4.6
52.5°	2.5	2.7	2.9	3.3	3.8	4.2	4.5	4.5	4.5	4.5	4.7
51.25°	2.6	2.8	3.1	3.5	4.0	4.4	4.5	4.5	4.5	4.6	4.8
50°	2.7	2.9	3.2	3.7	4.2	4.5	4.5	4.5	4.5	4.7	5.0
48.75°	2.7	3.0	3.4	3.9	4.3	4.5	4.5	4.5	4.6	4.9	5.1
47.5°	2.8	3.0	3.5	4.0	4.5	4.5	4.5	4.5	4.8	5.0	5.3
46.25°	2.8	3.2	3.7	4.2	4.5	4.5	4.5	4.6	4.9	5.1	5.4
45°	2.9	3.3	3.8	4.4	4.5	4.5	4.5	4.7	5.0	5.3	5.5
43.75°	3.0	3.5	4.0	4.5	4.5	4.5	4.6	4.8	5.1	5.4	5.7
42.5°	3.1	3.6	4.1	4.5	4.5	4.5	4.7	4.9	5.2	5.5	5.8
41.25°	3.2	3.7	4.3	4.5	4.5	4.5	4.8	5.1	5.3	5.6	5.9
40°	3.3	3.9	4.4	4.5	4.5	4.6	4.9	5.2	5.5	5.7	6.0
38.75°	3.4	4.0	4.5	4.5	4.5	4.7	5.0	5.3	5.6	5.9	6.1
37.5°	3.5	4.1	4.5	4.5	4.5	4.7	5.0	5.4	5.7	6.0	6.3
36.25°	3.6	4.2	4.5	4.5	4.5	4.8	5.1	5.5	5.8	6.1	6.4
35°	3.7	4.3	4.5	4.5	4.6	4.9	5.2	5.5	5.9	6.2	6.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	3.8	4.5	4.5	4.5	4.7	5.0	5.3	5.6	6.0	6.3	6.5
32.5°	3.9	4.5	4.5	4.5	4.7	5.1	5.4	5.7	6.1	6.3	6.6
31.25°	4.0	4.5	4.5	4.5	4.8	5.1	5.5	5.8	6.1	6.4	6.7
30°	4.1	4.5	4.5	4.5	4.9	5.2	5.6	5.9	6.2	6.5	6.8
28.75°	4.2	4.5	4.5	4.6	4.9	5.3	5.6	6.0	6.3	6.6	6.9
27.5°	4.3	4.5	4.5	4.7	5.0	5.4	5.7	6.0	6.4	6.7	7.0
26.25°	4.4	4.5	4.5	4.7	5.1	5.4	5.8	6.1	6.4	6.7	7.1
25°	4.5	4.5	4.5	4.8	5.1	5.5	5.8	6.2	6.5	6.8	7.2
23.75°	4.5	4.5	4.5	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2
22.5°	4.5	4.5	4.5	4.9	5.2	5.6	6.0	6.3	6.6	7.0	7.3
21.25°	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.0	7.4
20°	4.5	4.5	4.6	5.0	5.3	5.7	6.1	6.4	6.7	7.1	7.5
18.75°	4.5	4.5	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.5
17.5°	4.5	4.5	4.7	5.0	5.4	5.8	6.2	6.5	6.8	7.2	7.6
16.25°	4.5	4.5	4.7	5.1	5.5	5.8	6.2	6.5	6.9	7.3	7.6
15°	4.5	4.5	4.7	5.1	5.5	5.9	6.2	6.6	6.9	7.3	7.7
13.75°	4.5	4.5	4.7	5.1	5.5	5.9	6.3	6.6	7.0	7.4	7.7
12.5°	4.5	4.5	4.8	5.2	5.6	5.9	6.3	6.6	7.0	7.4	7.8
11.25°	4.5	4.5	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.8
10°	4.5	4.5	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.8
8.75°	4.5	4.5	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.9
7.5°	4.5	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.1	7.5	7.9
6.25°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.5	7.9
5°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
3.75°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
2.5°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
1.25°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
0°	4.5	4.5	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.6	8.0
-1.25°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
-2.5°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
-3.75°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
-5°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.6	7.9
-6.25°	4.5	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.2	7.5	7.9
-7.5°	4.5	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.1	7.5	7.9
-8.75°	4.5	4.5	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.9
-10°	4.5	4.5	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.8
-11.25°	4.5	4.5	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.8
-12.5°	4.5	4.5	4.8	5.2	5.6	5.9	6.3	6.6	7.0	7.4	7.8
-13.75°	4.5	4.5	4.7	5.1	5.5	5.9	6.3	6.6	7.0	7.4	7.7
-15°	4.5	4.5	4.7	5.1	5.5	5.9	6.2	6.6	6.9	7.3	7.7
-16.25°	4.5	4.5	4.7	5.1	5.5	5.8	6.2	6.5	6.9	7.3	7.6
-17.5°	4.5	4.5	4.7	5.0	5.4	5.8	6.2	6.5	6.8	7.2	7.6
-18.75°	4.5	4.5	4.6	5.0	5.4	5.7	6.1	6.4	6.8	7.1	7.5
-20°	4.5	4.5	4.6	5.0	5.3	5.7	6.1	6.4	6.7	7.1	7.5
-21.25°	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.4	6.7	7.0	7.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	4.5	4.5	4.5	4.9	5.2	5.6	6.0	6.3	6.6	7.0	7.3
-23.75°	4.5	4.5	4.5	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2
-25°	4.5	4.5	4.5	4.8	5.1	5.5	5.8	6.2	6.5	6.8	7.2
-26.25°	4.4	4.5	4.5	4.7	5.1	5.4	5.8	6.1	6.4	6.7	7.1
-27.5°	4.3	4.5	4.5	4.7	5.0	5.4	5.7	6.0	6.4	6.7	7.0
-28.75°	4.2	4.5	4.5	4.6	4.9	5.3	5.6	6.0	6.3	6.6	6.9
-30°	4.1	4.5	4.5	4.5	4.9	5.2	5.6	5.9	6.2	6.5	6.8
-31.25°	4.0	4.5	4.5	4.5	4.8	5.1	5.5	5.8	6.1	6.4	6.7
-32.5°	3.9	4.5	4.5	4.5	4.7	5.1	5.4	5.7	6.1	6.3	6.6
-33.75°	3.8	4.5	4.5	4.5	4.7	5.0	5.3	5.6	6.0	6.3	6.5
-35°	3.7	4.3	4.5	4.5	4.6	4.9	5.2	5.5	5.9	6.2	6.4
-36.25°	3.6	4.2	4.5	4.5	4.5	4.8	5.1	5.5	5.8	6.1	6.4
-37.5°	3.5	4.1	4.5	4.5	4.5	4.7	5.0	5.4	5.7	6.0	6.3
-38.75°	3.4	4.0	4.5	4.5	4.5	4.7	5.0	5.3	5.6	5.9	6.1
-40°	3.3	3.9	4.4	4.5	4.5	4.6	4.9	5.2	5.5	5.7	6.0
-41.25°	3.2	3.7	4.3	4.5	4.5	4.5	4.8	5.1	5.3	5.6	5.9
-42.5°	3.1	3.6	4.1	4.5	4.5	4.5	4.7	4.9	5.2	5.5	5.8
-43.75°	3.0	3.5	4.0	4.5	4.5	4.5	4.6	4.8	5.1	5.4	5.7
-45°	2.9	3.3	3.8	4.4	4.5	4.5	4.5	4.7	5.0	5.3	5.5
-46.25°	2.8	3.2	3.7	4.2	4.5	4.5	4.5	4.6	4.9	5.1	5.4
-47.5°	2.8	3.0	3.5	4.0	4.5	4.5	4.5	4.5	4.8	5.0	5.3
-48.75°	2.7	3.0	3.4	3.9	4.3	4.5	4.5	4.5	4.6	4.9	5.1
-50°	2.7	2.9	3.2	3.7	4.2	4.5	4.5	4.5	4.5	4.7	5.0
-51.25°	2.6	2.8	3.1	3.5	4.0	4.4	4.5	4.5	4.5	4.6	4.8
-52.5°	2.5	2.7	2.9	3.3	3.8	4.2	4.5	4.5	4.5	4.5	4.7
-53.75°	2.5	2.7	2.9	3.1	3.6	4.0	4.4	4.5	4.5	4.5	4.6
-55°	2.4	2.6	2.8	3.0	3.4	3.8	4.2	4.5	4.5	4.5	4.5
-56.25°	2.3	2.5	2.7	2.9	3.2	3.6	4.0	4.4	4.5	4.5	4.5
-57.5°	2.2	2.4	2.6	2.8	3.0	3.4	3.7	4.1	4.5	4.5	4.5
-58.75°	2.2	2.4	2.5	2.7	2.9	3.1	3.5	3.9	4.2	4.5	4.5
-60°	2.1	2.3	2.5	2.6	2.8	3.0	3.3	3.6	4.0	4.3	4.5
-61.25°	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.4	3.7	4.0	4.4
-62.5°	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.4	3.8	4.1
-63.75°	1.8	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.2	3.5	3.8
-65°	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.2	3.5
-66.25°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.2
-67.5°	1.6	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9
-68.75°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8
-70°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
-71.25°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5
-72.5°	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
-73.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-75°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-76.25°	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
-77.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
-80°	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3
-81.25°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0
-83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-85°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-86.25°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-87.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
85°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
83.75°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
82.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4
81.25°	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7
80°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	2.0
78.75°	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
77.5°	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.4
76.25°	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.7
75°	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.9
73.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	2.9	3.1	3.2
72.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.3	3.5	3.7
71.25°	2.6	2.7	2.8	2.9	3.0	3.2	3.4	3.6	3.8	4.0	4.2
70°	2.7	2.9	3.0	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.5
68.75°	2.9	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.5	4.5	4.5
67.5°	3.1	3.4	3.6	3.9	4.1	4.4	4.5	4.5	4.5	4.5	4.5
66.25°	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5
65°	3.8	4.0	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7
63.75°	4.1	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.8	5.0
62.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.8	4.9	5.1	5.2
61.25°	4.5	4.5	4.5	4.5	4.5	4.7	4.8	5.0	5.1	5.3	5.5
60°	4.5	4.5	4.5	4.5	4.7	4.9	5.0	5.2	5.4	5.5	5.7
58.75°	4.5	4.5	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	5.9
57.5°	4.5	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.2
56.25°	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.2	6.4
55°	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
53.75°	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
52.5°	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
51.25°	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
50°	5.2	5.5	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4
48.75°	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9	7.2	7.4	7.6
47.5°	5.5	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.4	7.6	7.8
46.25°	5.7	5.9	6.2	6.4	6.6	6.8	7.1	7.3	7.6	7.8	8.0
45°	5.8	6.1	6.3	6.5	6.8	7.0	7.3	7.5	7.7	8.0	8.2
43.75°	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	7.9	8.1	8.4
42.5°	6.1	6.3	6.6	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.6
41.25°	6.2	6.4	6.7	6.9	7.2	7.5	7.8	8.0	8.2	8.5	8.7
40°	6.3	6.6	6.8	7.1	7.4	7.7	7.9	8.1	8.4	8.7	8.9
38.75°	6.4	6.7	6.9	7.2	7.5	7.8	8.0	8.3	8.6	8.9	9.1
37.5°	6.5	6.8	7.1	7.4	7.7	7.9	8.2	8.5	8.7	9.0	9.3
36.25°	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2	9.4
35°	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.3	9.6



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	6.8	7.1	7.5	7.8	8.0	8.3	8.6	8.9	9.2	9.5	9.7
32.5°	6.9	7.3	7.6	7.9	8.1	8.4	8.8	9.1	9.3	9.6	9.9
31.25°	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1
30°	7.1	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2
28.75°	7.2	7.6	7.9	8.2	8.5	8.8	9.2	9.4	9.7	10.1	10.4
27.5°	7.3	7.7	8.0	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5
26.25°	7.4	7.8	8.1	8.4	8.7	9.1	9.4	9.7	10.0	10.3	10.7
25°	7.5	7.8	8.1	8.5	8.8	9.2	9.5	9.8	10.1	10.5	10.8
23.75°	7.6	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.6	10.9
22.5°	7.7	8.0	8.3	8.7	9.0	9.3	9.7	10.0	10.4	10.7	11.1
21.25°	7.7	8.1	8.4	8.8	9.1	9.4	9.7	10.1	10.5	10.8	11.2
20°	7.8	8.1	8.5	8.8	9.2	9.5	9.8	10.2	10.6	10.9	11.3
18.75°	7.9	8.2	8.5	8.9	9.3	9.6	9.9	10.3	10.7	11.0	11.4
17.5°	7.9	8.2	8.6	9.0	9.3	9.7	10.0	10.4	10.8	11.1	11.4
16.25°	8.0	8.3	8.7	9.1	9.4	9.7	10.1	10.5	10.8	11.2	11.4
15°	8.0	8.4	8.7	9.1	9.5	9.8	10.2	10.5	10.9	11.3	11.4
13.75°	8.1	8.4	8.8	9.2	9.5	9.9	10.2	10.6	11.0	11.4	11.4
12.5°	8.1	8.5	8.9	9.2	9.6	9.9	10.3	10.7	11.1	11.4	11.4
11.25°	8.1	8.5	8.9	9.3	9.6	10.0	10.4	10.7	11.1	11.4	11.4
10°	8.2	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.4	11.4
8.75°	8.2	8.6	9.0	9.3	9.7	10.1	10.5	10.8	11.2	11.4	11.4
7.5°	8.2	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	11.4	11.4
6.25°	8.3	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	11.4	11.4
5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	10.9	11.3	11.4	11.4
3.75°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	11.4	11.4
2.5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	11.4	11.4
1.25°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	11.4	11.4
0°	8.3	8.7	9.1	9.5	9.8	10.2	10.6	11.0	11.4	11.4	11.4
-1.25°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	11.4	11.4
-2.5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	11.4	11.4
-3.75°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	11.4	11.4
-5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	10.9	11.3	11.4	11.4
-6.25°	8.3	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	11.4	11.4
-7.5°	8.2	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	11.4	11.4
-8.75°	8.2	8.6	9.0	9.3	9.7	10.1	10.5	10.8	11.2	11.4	11.4
-10°	8.2	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.4	11.4
-11.25°	8.1	8.5	8.9	9.3	9.6	10.0	10.4	10.7	11.1	11.4	11.4
-12.5°	8.1	8.5	8.9	9.2	9.6	9.9	10.3	10.7	11.1	11.4	11.4
-13.75°	8.1	8.4	8.8	9.2	9.5	9.9	10.2	10.6	11.0	11.4	11.4
-15°	8.0	8.4	8.7	9.1	9.5	9.8	10.2	10.5	10.9	11.3	11.4
-16.25°	8.0	8.3	8.7	9.1	9.4	9.7	10.1	10.5	10.8	11.2	11.4
-17.5°	7.9	8.2	8.6	9.0	9.3	9.7	10.0	10.4	10.8	11.1	11.4
-18.75°	7.9	8.2	8.5	8.9	9.3	9.6	9.9	10.3	10.7	11.0	11.4
-20°	7.8	8.1	8.5	8.8	9.2	9.5	9.8	10.2	10.6	10.9	11.3
-21.25°	7.7	8.1	8.4	8.8	9.1	9.4	9.7	10.1	10.5	10.8	11.2



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	7.7	8.0	8.3	8.7	9.0	9.3	9.7	10.0	10.4	10.7	11.1
-23.75°	7.6	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.6	10.9
-25°	7.5	7.8	8.1	8.5	8.8	9.2	9.5	9.8	10.1	10.5	10.8
-26.25°	7.4	7.8	8.1	8.4	8.7	9.1	9.4	9.7	10.0	10.3	10.7
-27.5°	7.3	7.7	8.0	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5
-28.75°	7.2	7.6	7.9	8.2	8.5	8.8	9.2	9.4	9.7	10.1	10.4
-30°	7.1	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2
-31.25°	7.0	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1
-32.5°	6.9	7.3	7.6	7.9	8.1	8.4	8.8	9.1	9.3	9.6	9.9
-33.75°	6.8	7.1	7.5	7.8	8.0	8.3	8.6	8.9	9.2	9.5	9.7
-35°	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.3	9.6
-36.25°	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.9	9.2	9.4
-37.5°	6.5	6.8	7.1	7.4	7.7	7.9	8.2	8.5	8.7	9.0	9.3
-38.75°	6.4	6.7	6.9	7.2	7.5	7.8	8.0	8.3	8.6	8.9	9.1
-40°	6.3	6.6	6.8	7.1	7.4	7.7	7.9	8.1	8.4	8.7	8.9
-41.25°	6.2	6.4	6.7	6.9	7.2	7.5	7.8	8.0	8.2	8.5	8.7
-42.5°	6.1	6.3	6.6	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.6
-43.75°	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	7.9	8.1	8.4
-45°	5.8	6.1	6.3	6.5	6.8	7.0	7.3	7.5	7.7	8.0	8.2
-46.25°	5.7	5.9	6.2	6.4	6.6	6.8	7.1	7.3	7.6	7.8	8.0
-47.5°	5.5	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.4	7.6	7.8
-48.75°	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9	7.2	7.4	7.6
-50°	5.2	5.5	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4
-51.25°	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
-52.5°	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
-53.75°	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8
-55°	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6
-56.25°	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.2	6.4
-57.5°	4.5	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.2
-58.75°	4.5	4.5	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	5.9
-60°	4.5	4.5	4.5	4.5	4.7	4.9	5.0	5.2	5.4	5.5	5.7
-61.25°	4.5	4.5	4.5	4.5	4.5	4.7	4.8	5.0	5.1	5.3	5.5
-62.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.8	4.9	5.1	5.2
-63.75°	4.1	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.8	5.0
-65°	3.8	4.0	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7
-66.25°	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-67.5°	3.1	3.4	3.6	3.9	4.1	4.4	4.5	4.5	4.5	4.5	4.5
-68.75°	2.9	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.5	4.5	4.5
-70°	2.7	2.9	3.0	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.5
-71.25°	2.6	2.7	2.8	2.9	3.0	3.2	3.4	3.6	3.8	4.0	4.2
-72.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.3	3.5	3.7
-73.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	2.9	3.1	3.2
-75°	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.9
-76.25°	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.7
-77.5°	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
-80°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	2.0
-81.25°	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7
-82.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4
-83.75°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
-85°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
-86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
-88.75°	0.2	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: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
83.75°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
82.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
81.25°	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2
80°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
78.75°	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7
77.5°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0
76.25°	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
75°	3.0	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2
73.75°	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.5	4.5
72.5°	3.9	4.0	4.2	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5
71.25°	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.8
68.75°	4.5	4.5	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1
67.5°	4.5	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5
66.25°	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8
65°	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.9	6.0	6.1
63.75°	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.3	6.4
62.5°	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6
61.25°	5.6	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9
60°	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2
58.75°	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.1	7.2	7.4	7.5
57.5°	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8
56.25°	6.5	6.7	6.8	7.0	7.2	7.3	7.5	7.7	7.8	7.9	8.1
55°	6.7	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.0	8.2	8.3
53.75°	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.1	8.3	8.5	8.6
52.5°	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.9
51.25°	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.0	9.2
50°	7.6	7.8	8.0	8.2	8.4	8.6	8.7	8.9	9.1	9.3	9.4
48.75°	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.5	9.7
47.5°	8.0	8.2	8.4	8.6	8.8	9.1	9.2	9.4	9.6	9.8	10.0
46.25°	8.2	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.2
45°	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5
43.75°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.8
42.5°	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.9	11.1
41.25°	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.3
40°	9.2	9.4	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.4	11.4
38.75°	9.4	9.6	9.8	10.1	10.4	10.6	10.9	11.1	11.4	11.4	11.4
37.5°	9.5	9.8	10.0	10.3	10.6	10.9	11.1	11.4	11.4	11.4	11.4
36.25°	9.7	10.0	10.2	10.5	10.8	11.1	11.3	11.4	11.4	11.4	11.6
35°	9.9	10.2	10.4	10.7	11.0	11.3	11.4	11.4	11.4	11.5	11.8



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	10.0	10.3	10.6	10.9	11.2	11.4	11.4	11.4	11.5	11.8	12.0
32.5°	10.2	10.5	10.8	11.1	11.4	11.4	11.4	11.5	11.7	12.0	12.2
31.25°	10.4	10.7	11.0	11.3	11.4	11.4	11.4	11.7	11.9	12.2	12.4
30°	10.5	10.9	11.2	11.4	11.4	11.4	11.6	11.8	12.1	12.4	12.7
28.75°	10.7	11.0	11.3	11.4	11.4	11.5	11.7	12.0	12.3	12.6	12.9
27.5°	10.9	11.2	11.4	11.4	11.4	11.6	11.9	12.2	12.5	12.8	13.1
26.25°	11.0	11.3	11.4	11.4	11.5	11.8	12.1	12.4	12.7	13.0	13.3
25°	11.1	11.4	11.4	11.4	11.7	11.9	12.2	12.6	12.9	13.2	13.4
23.75°	11.3	11.4	11.4	11.5	11.8	12.1	12.4	12.7	13.1	13.3	13.6
22.5°	11.4	11.4	11.4	11.6	11.9	12.2	12.6	12.9	13.2	13.5	14.0
21.25°	11.4	11.4	11.4	11.7	12.0	12.4	12.7	13.1	13.4	13.7	14.3
20°	11.4	11.4	11.5	11.9	12.2	12.5	12.9	13.2	13.5	14.0	14.7
18.75°	11.4	11.4	11.7	12.0	12.3	12.7	13.0	13.3	13.7	14.3	15.0
17.5°	11.4	11.4	11.8	12.1	12.4	12.8	13.1	13.4	13.9	14.6	15.4
16.25°	11.4	11.5	11.8	12.2	12.6	12.9	13.2	13.6	14.2	14.9	15.8
15°	11.4	11.6	11.9	12.3	12.7	13.0	13.3	13.7	14.4	15.1	16.2
13.75°	11.4	11.7	12.0	12.4	12.8	13.1	13.4	13.9	14.6	15.5	16.5
12.5°	11.4	11.8	12.1	12.5	12.9	13.2	13.5	14.1	14.9	15.8	16.9
11.25°	11.5	11.8	12.2	12.6	12.9	13.3	13.6	14.3	15.0	16.1	17.2
10°	11.5	11.9	12.2	12.6	13.0	13.3	13.8	14.5	15.3	16.4	17.5
8.75°	11.6	11.9	12.3	12.7	13.1	13.4	13.9	14.6	15.5	16.6	18.0
7.5°	11.6	12.0	12.4	12.7	13.1	13.5	14.0	14.8	15.7	16.8	18.5
6.25°	11.7	12.0	12.4	12.8	13.2	13.5	14.1	14.9	15.9	17.0	18.9
5°	11.7	12.0	12.4	12.8	13.2	13.5	14.2	14.9	16.0	17.1	19.2
3.75°	11.7	12.1	12.5	12.9	13.2	13.6	14.3	15.0	16.1	17.3	19.4
2.5°	11.7	12.1	12.5	12.9	13.2	13.6	14.3	15.1	16.2	17.3	19.6
1.25°	11.7	12.1	12.5	12.9	13.2	13.6	14.3	15.1	16.2	17.4	19.7
0°	11.8	12.1	12.5	12.9	13.3	13.6	14.4	15.1	16.3	17.4	19.7
-1.25°	11.7	12.1	12.5	12.9	13.2	13.6	14.3	15.1	16.2	17.4	19.7
-2.5°	11.7	12.1	12.5	12.9	13.2	13.6	14.3	15.1	16.2	17.3	19.6
-3.75°	11.7	12.1	12.5	12.9	13.2	13.6	14.3	15.0	16.1	17.3	19.4
-5°	11.7	12.0	12.4	12.8	13.2	13.5	14.2	14.9	16.0	17.1	19.2
-6.25°	11.7	12.0	12.4	12.8	13.2	13.5	14.1	14.9	15.9	17.0	18.9
-7.5°	11.6	12.0	12.4	12.7	13.1	13.5	14.0	14.8	15.7	16.8	18.5
-8.75°	11.6	11.9	12.3	12.7	13.1	13.4	13.9	14.6	15.5	16.6	18.0
-10°	11.5	11.9	12.2	12.6	13.0	13.3	13.8	14.5	15.3	16.4	17.5
-11.25°	11.5	11.8	12.2	12.6	12.9	13.3	13.6	14.3	15.0	16.1	17.2
-12.5°	11.4	11.8	12.1	12.5	12.9	13.2	13.5	14.1	14.9	15.8	16.9
-13.75°	11.4	11.7	12.0	12.4	12.8	13.1	13.4	13.9	14.6	15.5	16.5
-15°	11.4	11.6	11.9	12.3	12.7	13.0	13.3	13.7	14.4	15.1	16.2
-16.25°	11.4	11.5	11.8	12.2	12.6	12.9	13.2	13.6	14.2	14.9	15.8
-17.5°	11.4	11.4	11.8	12.1	12.4	12.8	13.1	13.4	13.9	14.6	15.4
-18.75°	11.4	11.4	11.7	12.0	12.3	12.7	13.0	13.3	13.7	14.3	15.0
-20°	11.4	11.4	11.5	11.9	12.2	12.5	12.9	13.2	13.5	14.0	14.7
-21.25°	11.4	11.4	11.4	11.7	12.0	12.4	12.7	13.1	13.4	13.7	14.3



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	11.4	11.4	11.4	11.6	11.9	12.2	12.6	12.9	13.2	13.5	14.0
-23.75°	11.3	11.4	11.4	11.5	11.8	12.1	12.4	12.7	13.1	13.3	13.6
-25°	11.1	11.4	11.4	11.4	11.7	11.9	12.2	12.6	12.9	13.2	13.4
-26.25°	11.0	11.3	11.4	11.4	11.5	11.8	12.1	12.4	12.7	13.0	13.3
-27.5°	10.9	11.2	11.4	11.4	11.4	11.6	11.9	12.2	12.5	12.8	13.1
-28.75°	10.7	11.0	11.3	11.4	11.4	11.5	11.7	12.0	12.3	12.6	12.9
-30°	10.5	10.9	11.2	11.4	11.4	11.4	11.6	11.8	12.1	12.4	12.7
-31.25°	10.4	10.7	11.0	11.3	11.4	11.4	11.4	11.7	11.9	12.2	12.4
-32.5°	10.2	10.5	10.8	11.1	11.4	11.4	11.4	11.5	11.7	12.0	12.2
-33.75°	10.0	10.3	10.6	10.9	11.2	11.4	11.4	11.4	11.5	11.8	12.0
-35°	9.9	10.2	10.4	10.7	11.0	11.3	11.4	11.4	11.4	11.5	11.8
-36.25°	9.7	10.0	10.2	10.5	10.8	11.1	11.3	11.4	11.4	11.4	11.6
-37.5°	9.5	9.8	10.0	10.3	10.6	10.9	11.1	11.4	11.4	11.4	11.4
-38.75°	9.4	9.6	9.8	10.1	10.4	10.6	10.9	11.1	11.4	11.4	11.4
-40°	9.2	9.4	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.4	11.4
-41.25°	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.3
-42.5°	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.9	11.1
-43.75°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.8
-45°	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5
-46.25°	8.2	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.2
-47.5°	8.0	8.2	8.4	8.6	8.8	9.1	9.2	9.4	9.6	9.8	10.0
-48.75°	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.5	9.7
-50°	7.6	7.8	8.0	8.2	8.4	8.6	8.7	8.9	9.1	9.3	9.4
-51.25°	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.0	9.2
-52.5°	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.9
-53.75°	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.1	8.3	8.5	8.6
-55°	6.7	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.0	8.2	8.3
-56.25°	6.5	6.7	6.8	7.0	7.2	7.3	7.5	7.7	7.8	7.9	8.1
-57.5°	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8
-58.75°	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.1	7.2	7.4	7.5
-60°	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2
-61.25°	5.6	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9
-62.5°	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6
-63.75°	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.3	6.4
-65°	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.9	6.0	6.1
-66.25°	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8
-67.5°	4.5	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5
-68.75°	4.5	4.5	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1
-70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.8
-71.25°	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-72.5°	3.9	4.0	4.2	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-73.75°	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.5	4.5
-75°	3.0	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2
-76.25°	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
-77.5°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7
-80°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
-81.25°	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2
-82.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
-83.75°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-85°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
-86.25°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
83.75°	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
81.25°	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5
80°	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8
78.75°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.2	3.2
77.5°	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9
76.25°	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.5
75°	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
73.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9
71.25°	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2
70°	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.5	5.6
68.75°	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9	6.0
67.5°	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.3
66.25°	5.9	6.0	6.1	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.6
65°	6.2	6.3	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0
63.75°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3
62.5°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7
61.25°	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0
60°	7.3	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3
58.75°	7.6	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7
57.5°	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
56.25°	8.2	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.3
55°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7
53.75°	8.8	8.9	9.1	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0
52.5°	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.4
51.25°	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7
50°	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.1
48.75°	9.9	10.0	10.2	10.4	10.5	10.7	10.9	11.0	11.1	11.3	11.4
47.5°	10.2	10.3	10.5	10.7	10.9	11.0	11.2	11.3	11.4	11.4	11.4
46.25°	10.4	10.6	10.8	11.0	11.2	11.3	11.4	11.4	11.4	11.4	11.4
45°	10.7	10.9	11.1	11.3	11.4	11.4	11.4	11.4	11.4	11.5	11.6
43.75°	11.0	11.2	11.4	11.4	11.4	11.4	11.4	11.5	11.7	11.8	11.9
42.5°	11.3	11.4	11.4	11.4	11.4	11.5	11.6	11.8	11.9	12.1	12.2
41.25°	11.4	11.4	11.4	11.4	11.6	11.7	11.9	12.1	12.2	12.4	12.6
40°	11.4	11.4	11.5	11.7	11.8	12.0	12.2	12.4	12.6	12.7	12.9
38.75°	11.4	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.2
37.5°	11.5	11.8	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.3	13.5
36.25°	11.8	12.0	12.2	12.4	12.7	12.9	13.1	13.3	13.4	13.6	14.0
35°	12.0	12.2	12.5	12.7	13.0	13.2	13.3	13.5	13.9	14.2	14.6



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	12.2	12.5	12.7	13.0	13.2	13.4	13.6	14.0	14.4	14.8	15.3
32.5°	12.5	12.7	13.0	13.2	13.4	13.7	14.2	14.6	15.0	15.6	16.2
31.25°	12.7	13.0	13.2	13.4	13.8	14.2	14.7	15.2	15.8	16.5	17.1
30°	13.0	13.2	13.4	13.8	14.3	14.7	15.3	16.0	16.7	17.3	18.6
28.75°	13.2	13.4	13.7	14.2	14.7	15.3	16.1	16.8	17.6	19.0	20.3
27.5°	13.3	13.6	14.2	14.7	15.3	16.1	16.8	17.8	19.2	20.7	22.1
26.25°	13.5	14.0	14.6	15.2	16.0	16.8	17.8	19.3	20.8	22.5	24.6
25°	13.9	14.4	15.0	15.8	16.7	17.6	19.2	20.8	22.6	24.9	27.1
23.75°	14.2	14.8	15.6	16.5	17.3	19.0	20.7	22.5	24.9	27.2	30.1
22.5°	14.6	15.3	16.2	17.1	18.6	20.3	22.1	24.6	27.1	30.1	34.8
21.25°	15.0	15.8	16.8	18.0	19.8	21.6	24.1	26.6	29.6	34.5	39.3
20°	15.4	16.4	17.3	19.2	21.0	23.3	26.0	28.6	33.7	38.8	44.6
18.75°	15.9	16.9	18.3	20.3	22.2	25.0	27.8	32.2	37.6	43.1	52.0
17.5°	16.4	17.4	19.3	21.3	23.9	26.7	30.3	35.9	41.4	49.7	65.0
16.25°	16.8	18.3	20.3	22.4	25.4	28.3	33.6	39.3	46.7	60.0	85.8
15°	17.2	19.1	21.2	23.8	26.8	30.8	36.7	42.7	53.2	73.8	110.6
13.75°	17.8	19.9	22.0	25.1	28.2	33.6	39.7	47.8	63.4	94.7	138.4
12.5°	18.5	20.7	23.2	26.3	30.0	36.2	42.4	53.5	76.7	117.3	161.1
11.25°	19.2	21.3	24.2	27.4	32.3	38.6	46.5	61.9	93.9	140.2	180.9
10°	19.7	21.9	25.2	28.4	34.4	40.8	50.3	70.1	111.4	158.4	194.3
8.75°	20.3	22.7	26.0	29.7	36.2	42.9	55.8	83.5	129.2	173.9	206.0
7.5°	20.7	23.4	26.7	31.3	37.8	45.8	61.5	95.3	144.8	185.9	216.4
6.25°	21.1	24.0	27.4	32.6	39.2	48.2	66.3	105.9	156.1	194.4	225.4
5°	21.4	24.5	27.9	33.7	40.4	50.2	71.8	116.4	165.3	201.4	232.8
3.75°	21.7	24.9	28.3	34.5	41.2	52.0	77.9	124.7	172.5	206.9	238.6
2.5°	21.9	25.2	28.6	35.1	41.9	54.1	82.4	130.6	177.6	210.8	242.8
1.25°	22.0	25.3	28.7	35.5	42.3	55.4	85.1	134.2	180.8	213.2	245.4
0°	22.0	25.4	28.8	35.6	42.4	55.9	86.0	135.4	181.8	214.0	246.2
-1.25°	22.0	25.3	28.7	35.5	42.3	55.4	85.1	134.2	180.8	213.2	245.4
-2.5°	21.9	25.2	28.6	35.1	41.9	54.1	82.4	130.6	177.6	210.8	242.8
-3.75°	21.7	24.9	28.3	34.5	41.2	52.0	77.9	124.7	172.5	206.9	238.6
-5°	21.4	24.5	27.9	33.7	40.4	50.2	71.8	116.4	165.3	201.4	232.8
-6.25°	21.1	24.0	27.4	32.6	39.2	48.2	66.3	105.9	156.1	194.4	225.4
-7.5°	20.7	23.4	26.7	31.3	37.8	45.8	61.5	95.3	144.8	185.9	216.4
-8.75°	20.3	22.7	26.0	29.7	36.2	42.9	55.8	83.5	129.2	173.9	206.0
-10°	19.7	21.9	25.2	28.4	34.4	40.8	50.3	70.1	111.4	158.4	194.3
-11.25°	19.2	21.3	24.2	27.4	32.3	38.6	46.5	61.9	93.9	140.2	180.9
-12.5°	18.5	20.7	23.2	26.3	30.0	36.2	42.4	53.5	76.7	117.3	161.1
-13.75°	17.8	19.9	22.0	25.1	28.2	33.6	39.7	47.8	63.4	94.7	138.4
-15°	17.2	19.1	21.2	23.8	26.8	30.8	36.7	42.7	53.2	73.8	110.6
-16.25°	16.8	18.3	20.3	22.4	25.4	28.3	33.6	39.3	46.7	60.0	85.8
-17.5°	16.4	17.4	19.3	21.3	23.9	26.7	30.3	35.9	41.4	49.7	65.0
-18.75°	15.9	16.9	18.3	20.3	22.2	25.0	27.8	32.2	37.6	43.1	52.0
-20°	15.4	16.4	17.3	19.2	21.0	23.3	26.0	28.6	33.7	38.8	44.6
-21.25°	15.0	15.8	16.8	18.0	19.8	21.6	24.1	26.6	29.6	34.5	39.3



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	14.6	15.3	16.2	17.1	18.6	20.3	22.1	24.6	27.1	30.1	34.8
-23.75°	14.2	14.8	15.6	16.5	17.3	19.0	20.7	22.5	24.9	27.2	30.1
-25°	13.9	14.4	15.0	15.8	16.7	17.6	19.2	20.8	22.6	24.9	27.1
-26.25°	13.5	14.0	14.6	15.2	16.0	16.8	17.8	19.3	20.8	22.5	24.6
-27.5°	13.3	13.6	14.2	14.7	15.3	16.1	16.8	17.8	19.2	20.7	22.1
-28.75°	13.2	13.4	13.7	14.2	14.7	15.3	16.1	16.8	17.6	19.0	20.3
-30°	13.0	13.2	13.4	13.8	14.3	14.7	15.3	16.0	16.7	17.3	18.6
-31.25°	12.7	13.0	13.2	13.4	13.8	14.2	14.7	15.2	15.8	16.5	17.1
-32.5°	12.5	12.7	13.0	13.2	13.4	13.7	14.2	14.6	15.0	15.6	16.2
-33.75°	12.2	12.5	12.7	13.0	13.2	13.4	13.6	14.0	14.4	14.8	15.3
-35°	12.0	12.2	12.5	12.7	13.0	13.2	13.3	13.5	13.9	14.2	14.6
-36.25°	11.8	12.0	12.2	12.4	12.7	12.9	13.1	13.3	13.4	13.6	14.0
-37.5°	11.5	11.8	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.3	13.5
-38.75°	11.4	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.2
-40°	11.4	11.4	11.5	11.7	11.8	12.0	12.2	12.4	12.6	12.7	12.9
-41.25°	11.4	11.4	11.4	11.4	11.6	11.7	11.9	12.1	12.2	12.4	12.6
-42.5°	11.3	11.4	11.4	11.4	11.4	11.5	11.6	11.8	11.9	12.1	12.2
-43.75°	11.0	11.2	11.4	11.4	11.4	11.4	11.4	11.5	11.7	11.8	11.9
-45°	10.7	10.9	11.1	11.3	11.4	11.4	11.4	11.4	11.4	11.5	11.6
-46.25°	10.4	10.6	10.8	11.0	11.2	11.3	11.4	11.4	11.4	11.4	11.4
-47.5°	10.2	10.3	10.5	10.7	10.9	11.0	11.2	11.3	11.4	11.4	11.4
-48.75°	9.9	10.0	10.2	10.4	10.5	10.7	10.9	11.0	11.1	11.3	11.4
-50°	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.1
-51.25°	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7
-52.5°	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.4
-53.75°	8.8	8.9	9.1	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0
-55°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7
-56.25°	8.2	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.3
-57.5°	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
-58.75°	7.6	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7
-60°	7.3	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3
-61.25°	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0
-62.5°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7
-63.75°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3
-65°	6.2	6.3	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0
-66.25°	5.9	6.0	6.1	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.6
-67.5°	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.3
-68.75°	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9	6.0
-70°	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.5	5.6
-71.25°	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2
-72.5°	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.9
-73.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-75°	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-76.25°	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.5
-77.5°	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.2	3.2
-80°	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8
-81.25°	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5
-82.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-83.75°	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
-85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
83.75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
82.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
81.25°	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6
80°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
78.75°	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.7
77.5°	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.4
76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
73.75°	4.5	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8
72.5°	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
71.25°	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6
70°	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0
68.75°	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4
67.5°	6.4	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7
66.25°	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1
65°	7.0	7.1	7.1	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5
63.75°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9
62.5°	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2	8.2
61.25°	8.1	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.5	8.6
60°	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	8.9	9.0
58.75°	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.3
57.5°	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.6	9.7
56.25°	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0	10.1
55°	9.7	9.8	9.9	10.0	10.1	10.2	10.2	10.3	10.4	10.4	10.5
53.75°	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8
52.5°	10.5	10.6	10.7	10.8	10.8	10.9	11.0	11.1	11.1	11.2	11.2
51.25°	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.4	11.4	11.4	11.4
50°	11.2	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
48.75°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.5	11.6
47.5°	11.4	11.4	11.4	11.4	11.5	11.6	11.7	11.8	11.8	11.9	11.9
46.25°	11.4	11.5	11.7	11.8	11.8	11.9	12.0	12.1	12.2	12.2	12.3
45°	11.7	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.6	12.7
43.75°	12.0	12.2	12.3	12.4	12.6	12.7	12.8	12.9	12.9	13.0	13.1
42.5°	12.4	12.5	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.3	13.4
41.25°	12.7	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.8	13.9
40°	13.1	13.2	13.3	13.4	13.6	13.7	13.9	14.1	14.3	14.5	14.6
38.75°	13.4	13.5	13.7	13.9	14.2	14.4	14.6	14.9	15.0	15.3	15.5
37.5°	13.7	14.0	14.3	14.6	14.9	15.1	15.5	15.8	16.1	16.4	16.6
36.25°	14.3	14.7	15.0	15.4	15.8	16.2	16.5	16.9	17.2	17.5	18.0
35°	15.0	15.4	15.9	16.4	16.8	17.2	17.8	18.5	19.2	19.7	20.3



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	15.8	16.4	16.9	17.4	18.3	19.1	19.9	20.7	21.3	21.9	22.7
32.5°	16.8	17.3	18.3	19.3	20.3	21.2	22.0	23.2	24.2	25.2	26.0
31.25°	18.0	19.2	20.3	21.3	22.4	23.8	25.1	26.3	27.4	28.4	29.7
30°	19.8	21.0	22.2	23.9	25.4	26.8	28.2	30.0	32.3	34.4	36.2
28.75°	21.6	23.3	25.0	26.7	28.3	30.8	33.6	36.2	38.6	40.8	42.9
27.5°	24.1	26.0	27.8	30.3	33.6	36.7	39.7	42.4	46.5	50.3	55.8
26.25°	26.6	28.6	32.2	35.9	39.3	42.7	47.8	53.5	61.9	70.1	83.5
25°	29.6	33.7	37.6	41.4	46.7	53.2	63.4	76.7	93.9	111.4	129.2
23.75°	34.5	38.8	43.1	49.7	60.0	73.8	94.7	117.3	140.2	158.4	173.9
22.5°	39.3	44.6	52.0	65.0	85.8	110.6	138.4	161.1	180.9	194.3	206.0
21.25°	45.1	53.9	68.0	93.9	123.7	153.0	176.9	194.5	209.6	223.4	235.8
20°	53.9	69.2	97.9	131.6	161.9	186.6	204.7	221.8	237.6	254.7	273.6
18.75°	68.0	97.9	134.3	166.5	191.6	211.6	230.6	249.6	273.5	295.5	315.5
17.5°	93.9	131.6	166.5	193.3	215.1	236.0	260.2	287.2	312.4	335.7	367.9
16.25°	123.7	161.9	191.6	215.1	237.8	265.5	295.5	323.9	357.7	397.1	448.1
15°	153.0	186.6	211.6	236.0	265.5	298.3	329.7	372.1	425.2	486.1	564.7
13.75°	176.9	204.7	230.6	260.2	295.5	329.7	376.9	439.6	518.4	612.4	732.0
12.5°	194.5	221.8	249.6	287.2	323.9	372.1	439.6	529.3	644.9	785.5	960.4
11.25°	209.6	237.6	273.5	312.4	357.7	425.2	518.4	644.9	809.1	1009.8	1241.9
10°	223.4	254.7	295.5	335.7	397.1	486.1	612.4	785.5	1009.8	1274.6	1552.4
8.75°	235.8	273.6	315.5	367.9	448.1	564.7	732.0	960.4	1241.9	1552.4	1855.8
7.5°	247.1	290.3	333.3	398.3	499.3	649.2	863.6	1145.2	1474.1	1813.4	2132.3
6.25°	260.6	304.8	354.6	435.5	556.8	737.2	993.3	1321.4	1688.5	2045.3	2371.0
5°	271.9	316.8	375.1	466.7	606.0	824.5	1125.2	1489.3	1873.3	2240.6	2566.1
3.75°	280.8	326.2	391.3	495.6	660.6	905.3	1234.5	1624.4	2021.1	2390.0	2716.2
2.5°	287.2	333.1	405.3	521.4	700.3	964.1	1315.4	1724.1	2127.3	2497.3	2827.9
1.25°	291.1	337.2	415.3	537.1	724.4	999.9	1370.4	1785.2	2192.5	2563.5	2894.8
0°	292.4	338.6	418.7	542.3	732.4	1011.9	1388.9	1805.7	2214.5	2585.9	2917.1
-1.25°	291.1	337.2	415.3	537.1	724.4	999.9	1370.4	1785.2	2192.5	2563.5	2894.8
-2.5°	287.2	333.1	405.3	521.4	700.3	964.1	1315.4	1724.1	2127.3	2497.3	2827.9
-3.75°	280.8	326.2	391.3	495.6	660.6	905.3	1234.5	1624.4	2021.1	2390.0	2716.2
-5°	271.9	316.8	375.1	466.7	606.0	824.5	1125.2	1489.3	1873.3	2240.6	2566.1
-6.25°	260.6	304.8	354.6	435.5	556.8	737.2	993.3	1321.4	1688.5	2045.3	2371.0
-7.5°	247.1	290.3	333.3	398.3	499.3	649.2	863.6	1145.2	1474.1	1813.4	2132.3
-8.75°	235.8	273.6	315.5	367.9	448.1	564.7	732.0	960.4	1241.9	1552.4	1855.8
-10°	223.4	254.7	295.5	335.7	397.1	486.1	612.4	785.5	1009.8	1274.6	1552.4
-11.25°	209.6	237.6	273.5	312.4	357.7	425.2	518.4	644.9	809.1	1009.8	1241.9
-12.5°	194.5	221.8	249.6	287.2	323.9	372.1	439.6	529.3	644.9	785.5	960.4
-13.75°	176.9	204.7	230.6	260.2	295.5	329.7	376.9	439.6	518.4	612.4	732.0
-15°	153.0	186.6	211.6	236.0	265.5	298.3	329.7	372.1	425.2	486.1	564.7
-16.25°	123.7	161.9	191.6	215.1	237.8	265.5	295.5	323.9	357.7	397.1	448.1
-17.5°	93.9	131.6	166.5	193.3	215.1	236.0	260.2	287.2	312.4	335.7	367.9
-18.75°	68.0	97.9	134.3	166.5	191.6	211.6	230.6	249.6	273.5	295.5	315.5
-20°	53.9	69.2	97.9	131.6	161.9	186.6	204.7	221.8	237.6	254.7	273.6
-21.25°	45.1	53.9	68.0	93.9	123.7	153.0	176.9	194.5	209.6	223.4	235.8



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	39.3	44.6	52.0	65.0	85.8	110.6	138.4	161.1	180.9	194.3	206.0
-23.75°	34.5	38.8	43.1	49.7	60.0	73.8	94.7	117.3	140.2	158.4	173.9
-25°	29.6	33.7	37.6	41.4	46.7	53.2	63.4	76.7	93.9	111.4	129.2
-26.25°	26.6	28.6	32.2	35.9	39.3	42.7	47.8	53.5	61.9	70.1	83.5
-27.5°	24.1	26.0	27.8	30.3	33.6	36.7	39.7	42.4	46.5	50.3	55.8
-28.75°	21.6	23.3	25.0	26.7	28.3	30.8	33.6	36.2	38.6	40.8	42.9
-30°	19.8	21.0	22.2	23.9	25.4	26.8	28.2	30.0	32.3	34.4	36.2
-31.25°	18.0	19.2	20.3	21.3	22.4	23.8	25.1	26.3	27.4	28.4	29.7
-32.5°	16.8	17.3	18.3	19.3	20.3	21.2	22.0	23.2	24.2	25.2	26.0
-33.75°	15.8	16.4	16.9	17.4	18.3	19.1	19.9	20.7	21.3	21.9	22.7
-35°	15.0	15.4	15.9	16.4	16.8	17.2	17.8	18.5	19.2	19.7	20.3
-36.25°	14.3	14.7	15.0	15.4	15.8	16.2	16.5	16.9	17.2	17.5	18.0
-37.5°	13.7	14.0	14.3	14.6	14.9	15.1	15.5	15.8	16.1	16.4	16.6
-38.75°	13.4	13.5	13.7	13.9	14.2	14.4	14.6	14.9	15.0	15.3	15.5
-40°	13.1	13.2	13.3	13.4	13.6	13.7	13.9	14.1	14.3	14.5	14.6
-41.25°	12.7	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.8	13.9
-42.5°	12.4	12.5	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.3	13.4
-43.75°	12.0	12.2	12.3	12.4	12.6	12.7	12.8	12.9	12.9	13.0	13.1
-45°	11.7	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.6	12.7
-46.25°	11.4	11.5	11.7	11.8	11.8	11.9	12.0	12.1	12.2	12.2	12.3
-47.5°	11.4	11.4	11.4	11.4	11.5	11.6	11.7	11.8	11.8	11.9	11.9
-48.75°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.5	11.6
-50°	11.2	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-51.25°	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.4	11.4	11.4	11.4
-52.5°	10.5	10.6	10.7	10.8	10.8	10.9	11.0	11.1	11.1	11.2	11.2
-53.75°	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8
-55°	9.7	9.8	9.9	10.0	10.1	10.2	10.2	10.3	10.4	10.4	10.5
-56.25°	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0	10.1
-57.5°	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.6	9.7
-58.75°	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.3
-60°	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	8.9	9.0
-61.25°	8.1	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.5	8.6
-62.5°	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2	8.2
-63.75°	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9
-65°	7.0	7.1	7.1	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5
-66.25°	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1
-67.5°	6.4	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7
-68.75°	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4
-70°	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0
-71.25°	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6
-72.5°	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
-73.75°	4.5	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8
-75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-77.5°	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.7
-80°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-81.25°	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-82.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
-83.75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
-85°	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
81.25°	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
78.75°	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.7
77.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
71.25°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
70°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
68.75°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
67.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
66.25°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
65°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
63.75°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
62.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
61.25°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
60°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
58.75°	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.4	9.4
57.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
56.25°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
55°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
53.75°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
52.5°	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3
51.25°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
50°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
48.75°	11.6	11.7	11.7	11.7	11.7	11.7	11.8	11.7	11.7	11.7	11.7
47.5°	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.0
46.25°	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
45°	12.7	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8
43.75°	13.1	13.2	13.2	13.2	13.2	13.2	13.3	13.2	13.2	13.2	13.2
42.5°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
41.25°	14.0	14.1	14.2	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.2
40°	14.8	14.9	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.0	14.9
38.75°	15.7	15.9	16.0	16.1	16.2	16.2	16.3	16.2	16.2	16.1	16.0
37.5°	16.8	17.0	17.1	17.3	17.3	17.4	17.4	17.4	17.3	17.3	17.1
36.25°	18.5	18.9	19.2	19.4	19.6	19.7	19.7	19.7	19.6	19.4	19.2
35°	20.7	21.1	21.4	21.7	21.9	22.0	22.0	22.0	21.9	21.7	21.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	23.4	24.0	24.5	24.9	25.2	25.3	25.4	25.3	25.2	24.9	24.5
32.5°	26.7	27.4	27.9	28.3	28.6	28.7	28.8	28.7	28.6	28.3	27.9
31.25°	31.3	32.6	33.7	34.5	35.1	35.5	35.6	35.5	35.1	34.5	33.7
30°	37.8	39.2	40.4	41.2	41.9	42.3	42.4	42.3	41.9	41.2	40.4
28.75°	45.8	48.2	50.2	52.0	54.1	55.4	55.9	55.4	54.1	52.0	50.2
27.5°	61.5	66.3	71.8	77.9	82.4	85.1	86.0	85.1	82.4	77.9	71.8
26.25°	95.3	105.9	116.4	124.7	130.6	134.2	135.4	134.2	130.6	124.7	116.4
25°	144.8	156.1	165.3	172.5	177.6	180.8	181.8	180.8	177.6	172.5	165.3
23.75°	185.9	194.4	201.4	206.9	210.8	213.2	214.0	213.2	210.8	206.9	201.4
22.5°	216.4	225.4	232.8	238.6	242.8	245.4	246.2	245.4	242.8	238.6	232.8
21.25°	247.1	260.6	271.9	280.8	287.2	291.1	292.4	291.1	287.2	280.8	271.9
20°	290.3	304.8	316.8	326.2	333.1	337.2	338.6	337.2	333.1	326.2	316.8
18.75°	333.3	354.6	375.1	391.3	405.3	415.3	418.7	415.3	405.3	391.3	375.1
17.5°	398.3	435.5	466.7	495.6	521.4	537.1	542.3	537.1	521.4	495.6	466.7
16.25°	499.3	556.8	606.0	660.6	700.3	724.4	732.4	724.4	700.3	660.6	606.0
15°	649.2	737.2	824.5	905.3	964.1	999.9	1011.9	999.9	964.1	905.3	824.5
13.75°	863.6	993.3	1125.2	1234.5	1315.4	1370.4	1388.9	1370.4	1315.4	1234.5	1125.2
12.5°	1145.2	1321.4	1489.3	1624.4	1724.1	1785.2	1805.7	1785.2	1724.1	1624.4	1489.3
11.25°	1474.1	1688.5	1873.3	2021.1	2127.3	2192.5	2214.5	2192.5	2127.3	2021.1	1873.3
10°	1813.4	2045.3	2240.6	2390.0	2497.3	2563.5	2585.9	2563.5	2497.3	2390.0	2240.6
8.75°	2132.3	2371.0	2566.1	2716.2	2827.9	2894.8	2917.1	2894.8	2827.9	2716.2	2566.1
7.5°	2413.9	2652.6	2852.4	3010.3	3128.5	3197.7	3221.4	3197.7	3128.5	3010.3	2852.4
6.25°	2652.6	2896.9	3106.8	3270.9	3392.2	3465.6	3491.0	3465.6	3392.2	3270.9	3106.8
5°	2852.4	3106.8	3321.2	3491.6	3617.3	3696.4	3724.3	3696.4	3617.3	3491.6	3321.2
3.75°	3010.3	3270.9	3491.6	3669.5	3800.6	3884.4	3908.6	3884.4	3800.6	3669.5	3491.6
2.5°	3128.5	3392.2	3617.3	3800.6	3934.1	4015.5	4041.0	4015.5	3934.1	3800.6	3617.3
1.25°	3197.7	3465.6	3696.4	3884.4	4015.5	4098.0	4129.0	4098.0	4015.5	3884.4	3696.4
0°	3221.4	3491.0	3724.3	3908.6	4041.0	4129.0	4172.7	4129.0	4041.0	3908.6	3724.3
-1.25°	3197.7	3465.6	3696.4	3884.4	4015.5	4098.0	4129.0	4098.0	4015.5	3884.4	3696.4
-2.5°	3128.5	3392.2	3617.3	3800.6	3934.1	4015.5	4041.0	4015.5	3934.1	3800.6	3617.3
-3.75°	3010.3	3270.9	3491.6	3669.5	3800.6	3884.4	3908.6	3884.4	3800.6	3669.5	3491.6
-5°	2852.4	3106.8	3321.2	3491.6	3617.3	3696.4	3724.3	3696.4	3617.3	3491.6	3321.2
-6.25°	2652.6	2896.9	3106.8	3270.9	3392.2	3465.6	3491.0	3465.6	3392.2	3270.9	3106.8
-7.5°	2413.9	2652.6	2852.4	3010.3	3128.5	3197.7	3221.4	3197.7	3128.5	3010.3	2852.4
-8.75°	2132.3	2371.0	2566.1	2716.2	2827.9	2894.8	2917.1	2894.8	2827.9	2716.2	2566.1
-10°	1813.4	2045.3	2240.6	2390.0	2497.3	2563.5	2585.9	2563.5	2497.3	2390.0	2240.6
-11.25°	1474.1	1688.5	1873.3	2021.1	2127.3	2192.5	2214.5	2192.5	2127.3	2021.1	1873.3
-12.5°	1145.2	1321.4	1489.3	1624.4	1724.1	1785.2	1805.7	1785.2	1724.1	1624.4	1489.3
-13.75°	863.6	993.3	1125.2	1234.5	1315.4	1370.4	1388.9	1370.4	1315.4	1234.5	1125.2
-15°	649.2	737.2	824.5	905.3	964.1	999.9	1011.9	999.9	964.1	905.3	824.5
-16.25°	499.3	556.8	606.0	660.6	700.3	724.4	732.4	724.4	700.3	660.6	606.0
-17.5°	398.3	435.5	466.7	495.6	521.4	537.1	542.3	537.1	521.4	495.6	466.7
-18.75°	333.3	354.6	375.1	391.3	405.3	415.3	418.7	415.3	405.3	391.3	375.1
-20°	290.3	304.8	316.8	326.2	333.1	337.2	338.6	337.2	333.1	326.2	316.8
-21.25°	247.1	260.6	271.9	280.8	287.2	291.1	292.4	291.1	287.2	280.8	271.9



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	216.4	225.4	232.8	238.6	242.8	245.4	246.2	245.4	242.8	238.6	232.8
-23.75°	185.9	194.4	201.4	206.9	210.8	213.2	214.0	213.2	210.8	206.9	201.4
-25°	144.8	156.1	165.3	172.5	177.6	180.8	181.8	180.8	177.6	172.5	165.3
-26.25°	95.3	105.9	116.4	124.7	130.6	134.2	135.4	134.2	130.6	124.7	116.4
-27.5°	61.5	66.3	71.8	77.9	82.4	85.1	86.0	85.1	82.4	77.9	71.8
-28.75°	45.8	48.2	50.2	52.0	54.1	55.4	55.9	55.4	54.1	52.0	50.2
-30°	37.8	39.2	40.4	41.2	41.9	42.3	42.4	42.3	41.9	41.2	40.4
-31.25°	31.3	32.6	33.7	34.5	35.1	35.5	35.6	35.5	35.1	34.5	33.7
-32.5°	26.7	27.4	27.9	28.3	28.6	28.7	28.8	28.7	28.6	28.3	27.9
-33.75°	23.4	24.0	24.5	24.9	25.2	25.3	25.4	25.3	25.2	24.9	24.5
-35°	20.7	21.1	21.4	21.7	21.9	22.0	22.0	22.0	21.9	21.7	21.4
-36.25°	18.5	18.9	19.2	19.4	19.6	19.7	19.7	19.7	19.6	19.4	19.2
-37.5°	16.8	17.0	17.1	17.3	17.3	17.4	17.4	17.4	17.3	17.3	17.1
-38.75°	15.7	15.9	16.0	16.1	16.2	16.2	16.3	16.2	16.2	16.1	16.0
-40°	14.8	14.9	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.0	14.9
-41.25°	14.0	14.1	14.2	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.2
-42.5°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
-43.75°	13.1	13.2	13.2	13.2	13.2	13.2	13.3	13.2	13.2	13.2	13.2
-45°	12.7	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.8
-46.25°	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4
-47.5°	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.0
-48.75°	11.6	11.7	11.7	11.7	11.7	11.7	11.8	11.7	11.7	11.7	11.7
-50°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-51.25°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-52.5°	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3
-53.75°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-55°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
-56.25°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
-57.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-58.75°	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.4	9.4
-60°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-61.25°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-62.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-63.75°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
-65°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-66.25°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
-67.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-68.75°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
-70°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-71.25°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-72.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-77.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.7
-80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-81.25°	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
82.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
81.25°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5
80°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
78.75°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4
77.5°	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1
76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
73.75°	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.6
72.5°	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
71.25°	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4
70°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7
68.75°	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.1
67.5°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4
66.25°	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8
65°	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.1
63.75°	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5
62.5°	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9
61.25°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.2
60°	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.7	8.7	8.6	8.5
58.75°	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9
57.5°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.3
56.25°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6
55°	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.2	10.1	10.0	9.9
53.75°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3
52.5°	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.8	10.8	10.7
51.25°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.2	11.1	11.0
50°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
48.75°	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4
47.5°	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.4	11.4
46.25°	12.4	12.4	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.8	11.7
45°	12.8	12.7	12.7	12.6	12.6	12.5	12.4	12.3	12.2	12.1	12.0
43.75°	13.2	13.1	13.1	13.0	12.9	12.9	12.8	12.7	12.6	12.4	12.3
42.5°	13.5	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.7
41.25°	14.1	14.0	13.9	13.8	13.6	13.5	13.4	13.3	13.2	13.1	13.0
40°	14.9	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.6	13.4	13.3
38.75°	15.9	15.7	15.5	15.3	15.0	14.9	14.6	14.4	14.2	13.9	13.7
37.5°	17.0	16.8	16.6	16.4	16.1	15.8	15.5	15.1	14.9	14.6	14.3
36.25°	18.9	18.5	18.0	17.5	17.2	16.9	16.5	16.2	15.8	15.4	15.0
35°	21.1	20.7	20.3	19.7	19.2	18.5	17.8	17.2	16.8	16.4	15.9



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°
33.75°	24.0	23.4	22.7	21.9	21.3	20.7	19.9	19.1	18.3	17.4	16.9
32.5°	27.4	26.7	26.0	25.2	24.2	23.2	22.0	21.2	20.3	19.3	18.3
31.25°	32.6	31.3	29.7	28.4	27.4	26.3	25.1	23.8	22.4	21.3	20.3
30°	39.2	37.8	36.2	34.4	32.3	30.0	28.2	26.8	25.4	23.9	22.2
28.75°	48.2	45.8	42.9	40.8	38.6	36.2	33.6	30.8	28.3	26.7	25.0
27.5°	66.3	61.5	55.8	50.3	46.5	42.4	39.7	36.7	33.6	30.3	27.8
26.25°	105.9	95.3	83.5	70.1	61.9	53.5	47.8	42.7	39.3	35.9	32.2
25°	156.1	144.8	129.2	111.4	93.9	76.7	63.4	53.2	46.7	41.4	37.6
23.75°	194.4	185.9	173.9	158.4	140.2	117.3	94.7	73.8	60.0	49.7	43.1
22.5°	225.4	216.4	206.0	194.3	180.9	161.1	138.4	110.6	85.8	65.0	52.0
21.25°	260.6	247.1	235.8	223.4	209.6	194.5	176.9	153.0	123.7	93.9	68.0
20°	304.8	290.3	273.6	254.7	237.6	221.8	204.7	186.6	161.9	131.6	97.9
18.75°	354.6	333.3	315.5	295.5	273.5	249.6	230.6	211.6	191.6	166.5	134.3
17.5°	435.5	398.3	367.9	335.7	312.4	287.2	260.2	236.0	215.1	193.3	166.5
16.25°	556.8	499.3	448.1	397.1	357.7	323.9	295.5	265.5	237.8	215.1	191.6
15°	737.2	649.2	564.7	486.1	425.2	372.1	329.7	298.3	265.5	236.0	211.6
13.75°	993.3	863.6	732.0	612.4	518.4	439.6	376.9	329.7	295.5	260.2	230.6
12.5°	1321.4	1145.2	960.4	785.5	644.9	529.3	439.6	372.1	323.9	287.2	249.6
11.25°	1688.5	1474.1	1241.9	1009.8	809.1	644.9	518.4	425.2	357.7	312.4	273.5
10°	2045.3	1813.4	1552.4	1274.6	1009.8	785.5	612.4	486.1	397.1	335.7	295.5
8.75°	2371.0	2132.3	1855.8	1552.4	1241.9	960.4	732.0	564.7	448.1	367.9	315.5
7.5°	2652.6	2413.9	2132.3	1813.4	1474.1	1145.2	863.6	649.2	499.3	398.3	333.3
6.25°	2896.9	2652.6	2371.0	2045.3	1688.5	1321.4	993.3	737.2	556.8	435.5	354.6
5°	3106.8	2852.4	2566.1	2240.6	1873.3	1489.3	1125.2	824.5	606.0	466.7	375.1
3.75°	3270.9	3010.3	2716.2	2390.0	2021.1	1624.4	1234.5	905.3	660.6	495.6	391.3
2.5°	3392.2	3128.5	2827.9	2497.3	2127.3	1724.1	1315.4	964.1	700.3	521.4	405.3
1.25°	3465.6	3197.7	2894.8	2563.5	2192.5	1785.2	1370.4	999.9	724.4	537.1	415.3
0°	3491.0	3221.4	2917.1	2585.9	2214.5	1805.7	1388.9	1011.9	732.4	542.3	418.7
-1.25°	3465.6	3197.7	2894.8	2563.5	2192.5	1785.2	1370.4	999.9	724.4	537.1	415.3
-2.5°	3392.2	3128.5	2827.9	2497.3	2127.3	1724.1	1315.4	964.1	700.3	521.4	405.3
-3.75°	3270.9	3010.3	2716.2	2390.0	2021.1	1624.4	1234.5	905.3	660.6	495.6	391.3
-5°	3106.8	2852.4	2566.1	2240.6	1873.3	1489.3	1125.2	824.5	606.0	466.7	375.1
-6.25°	2896.9	2652.6	2371.0	2045.3	1688.5	1321.4	993.3	737.2	556.8	435.5	354.6
-7.5°	2652.6	2413.9	2132.3	1813.4	1474.1	1145.2	863.6	649.2	499.3	398.3	333.3
-8.75°	2371.0	2132.3	1855.8	1552.4	1241.9	960.4	732.0	564.7	448.1	367.9	315.5
-10°	2045.3	1813.4	1552.4	1274.6	1009.8	785.5	612.4	486.1	397.1	335.7	295.5
-11.25°	1688.5	1474.1	1241.9	1009.8	809.1	644.9	518.4	425.2	357.7	312.4	273.5
-12.5°	1321.4	1145.2	960.4	785.5	644.9	529.3	439.6	372.1	323.9	287.2	249.6
-13.75°	993.3	863.6	732.0	612.4	518.4	439.6	376.9	329.7	295.5	260.2	230.6
-15°	737.2	649.2	564.7	486.1	425.2	372.1	329.7	298.3	265.5	236.0	211.6
-16.25°	556.8	499.3	448.1	397.1	357.7	323.9	295.5	265.5	237.8	215.1	191.6
-17.5°	435.5	398.3	367.9	335.7	312.4	287.2	260.2	236.0	215.1	193.3	166.5
-18.75°	354.6	333.3	315.5	295.5	273.5	249.6	230.6	211.6	191.6	166.5	134.3
-20°	304.8	290.3	273.6	254.7	237.6	221.8	204.7	186.6	161.9	131.6	97.9
-21.25°	260.6	247.1	235.8	223.4	209.6	194.5	176.9	153.0	123.7	93.9	68.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	225.4	216.4	206.0	194.3	180.9	161.1	138.4	110.6	85.8	65.0	52.0
-23.75°	194.4	185.9	173.9	158.4	140.2	117.3	94.7	73.8	60.0	49.7	43.1
-25°	156.1	144.8	129.2	111.4	93.9	76.7	63.4	53.2	46.7	41.4	37.6
-26.25°	105.9	95.3	83.5	70.1	61.9	53.5	47.8	42.7	39.3	35.9	32.2
-27.5°	66.3	61.5	55.8	50.3	46.5	42.4	39.7	36.7	33.6	30.3	27.8
-28.75°	48.2	45.8	42.9	40.8	38.6	36.2	33.6	30.8	28.3	26.7	25.0
-30°	39.2	37.8	36.2	34.4	32.3	30.0	28.2	26.8	25.4	23.9	22.2
-31.25°	32.6	31.3	29.7	28.4	27.4	26.3	25.1	23.8	22.4	21.3	20.3
-32.5°	27.4	26.7	26.0	25.2	24.2	23.2	22.0	21.2	20.3	19.3	18.3
-33.75°	24.0	23.4	22.7	21.9	21.3	20.7	19.9	19.1	18.3	17.4	16.9
-35°	21.1	20.7	20.3	19.7	19.2	18.5	17.8	17.2	16.8	16.4	15.9
-36.25°	18.9	18.5	18.0	17.5	17.2	16.9	16.5	16.2	15.8	15.4	15.0
-37.5°	17.0	16.8	16.6	16.4	16.1	15.8	15.5	15.1	14.9	14.6	14.3
-38.75°	15.9	15.7	15.5	15.3	15.0	14.9	14.6	14.4	14.2	13.9	13.7
-40°	14.9	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.6	13.4	13.3
-41.25°	14.1	14.0	13.9	13.8	13.6	13.5	13.4	13.3	13.2	13.1	13.0
-42.5°	13.5	13.5	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.7
-43.75°	13.2	13.1	13.1	13.0	12.9	12.9	12.8	12.7	12.6	12.4	12.3
-45°	12.8	12.7	12.7	12.6	12.6	12.5	12.4	12.3	12.2	12.1	12.0
-46.25°	12.4	12.4	12.3	12.2	12.2	12.1	12.0	11.9	11.8	11.8	11.7
-47.5°	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.4	11.4
-48.75°	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.4	11.4	11.4	11.4
-50°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-51.25°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.2	11.1	11.0
-52.5°	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.8	10.8	10.7
-53.75°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3
-55°	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.2	10.1	10.0	9.9
-56.25°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6
-57.5°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.3
-58.75°	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9
-60°	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.7	8.7	8.6	8.5
-61.25°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.2
-62.5°	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9
-63.75°	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5
-65°	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.1
-66.25°	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8
-67.5°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4
-68.75°	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.1
-70°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7
-71.25°	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4
-72.5°	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
-73.75°	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7	4.6
-75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-77.5°	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4
-80°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-81.25°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5
-82.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
-83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
83.75°	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
82.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
81.25°	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
80°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6
78.75°	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.9
77.5°	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3
76.25°	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
73.75°	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72.5°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.5
71.25°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
70°	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.1
68.75°	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4
67.5°	6.4	6.4	6.3	6.2	6.2	6.1	6.0	6.0	5.9	5.8	5.7
66.25°	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.1
65°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
63.75°	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7	6.6
62.5°	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9
61.25°	8.1	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
60°	8.5	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6
58.75°	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9
57.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.1
56.25°	9.5	9.4	9.3	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4
55°	9.8	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8
53.75°	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1
52.5°	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.3
51.25°	10.9	10.8	10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.8	9.6
50°	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9
48.75°	11.4	11.4	11.4	11.3	11.1	11.0	10.9	10.7	10.5	10.4	10.2
47.5°	11.4	11.4	11.4	11.4	11.4	11.3	11.2	11.0	10.9	10.7	10.5
46.25°	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.2	11.0	10.8
45°	11.9	11.7	11.6	11.5	11.4	11.4	11.4	11.4	11.4	11.3	11.1
43.75°	12.2	12.0	11.9	11.8	11.7	11.5	11.4	11.4	11.4	11.4	11.4
42.5°	12.5	12.4	12.2	12.1	11.9	11.8	11.6	11.5	11.4	11.4	11.4
41.25°	12.9	12.7	12.6	12.4	12.2	12.1	11.9	11.7	11.6	11.4	11.4
40°	13.2	13.1	12.9	12.7	12.6	12.4	12.2	12.0	11.8	11.7	11.5
38.75°	13.5	13.4	13.2	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.7
37.5°	14.0	13.7	13.5	13.3	13.2	13.0	12.8	12.6	12.4	12.2	12.0
36.25°	14.7	14.3	14.0	13.6	13.4	13.3	13.1	12.9	12.7	12.4	12.2
35°	15.4	15.0	14.6	14.2	13.9	13.5	13.3	13.2	13.0	12.7	12.5



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°
33.75°	16.4	15.8	15.3	14.8	14.4	14.0	13.6	13.4	13.2	13.0	12.7
32.5°	17.3	16.8	16.2	15.6	15.0	14.6	14.2	13.7	13.4	13.2	13.0
31.25°	19.2	18.0	17.1	16.5	15.8	15.2	14.7	14.2	13.8	13.4	13.2
30°	21.0	19.8	18.6	17.3	16.7	16.0	15.3	14.7	14.3	13.8	13.4
28.75°	23.3	21.6	20.3	19.0	17.6	16.8	16.1	15.3	14.7	14.2	13.7
27.5°	26.0	24.1	22.1	20.7	19.2	17.8	16.8	16.1	15.3	14.7	14.2
26.25°	28.6	26.6	24.6	22.5	20.8	19.3	17.8	16.8	16.0	15.2	14.6
25°	33.7	29.6	27.1	24.9	22.6	20.8	19.2	17.6	16.7	15.8	15.0
23.75°	38.8	34.5	30.1	27.2	24.9	22.5	20.7	19.0	17.3	16.5	15.6
22.5°	44.6	39.3	34.8	30.1	27.1	24.6	22.1	20.3	18.6	17.1	16.2
21.25°	53.9	45.1	39.3	34.5	29.6	26.6	24.1	21.6	19.8	18.0	16.8
20°	69.2	53.9	44.6	38.8	33.7	28.6	26.0	23.3	21.0	19.2	17.3
18.75°	97.9	68.0	52.0	43.1	37.6	32.2	27.8	25.0	22.2	20.3	18.3
17.5°	131.6	93.9	65.0	49.7	41.4	35.9	30.3	26.7	23.9	21.3	19.3
16.25°	161.9	123.7	85.8	60.0	46.7	39.3	33.6	28.3	25.4	22.4	20.3
15°	186.6	153.0	110.6	73.8	53.2	42.7	36.7	30.8	26.8	23.8	21.2
13.75°	204.7	176.9	138.4	94.7	63.4	47.8	39.7	33.6	28.2	25.1	22.0
12.5°	221.8	194.5	161.1	117.3	76.7	53.5	42.4	36.2	30.0	26.3	23.2
11.25°	237.6	209.6	180.9	140.2	93.9	61.9	46.5	38.6	32.3	27.4	24.2
10°	254.7	223.4	194.3	158.4	111.4	70.1	50.3	40.8	34.4	28.4	25.2
8.75°	273.6	235.8	206.0	173.9	129.2	83.5	55.8	42.9	36.2	29.7	26.0
7.5°	290.3	247.1	216.4	185.9	144.8	95.3	61.5	45.8	37.8	31.3	26.7
6.25°	304.8	260.6	225.4	194.4	156.1	105.9	66.3	48.2	39.2	32.6	27.4
5°	316.8	271.9	232.8	201.4	165.3	116.4	71.8	50.2	40.4	33.7	27.9
3.75°	326.2	280.8	238.6	206.9	172.5	124.7	77.9	52.0	41.2	34.5	28.3
2.5°	333.1	287.2	242.8	210.8	177.6	130.6	82.4	54.1	41.9	35.1	28.6
1.25°	337.2	291.1	245.4	213.2	180.8	134.2	85.1	55.4	42.3	35.5	28.7
0°	338.6	292.4	246.2	214.0	181.8	135.4	86.0	55.9	42.4	35.6	28.8
-1.25°	337.2	291.1	245.4	213.2	180.8	134.2	85.1	55.4	42.3	35.5	28.7
-2.5°	333.1	287.2	242.8	210.8	177.6	130.6	82.4	54.1	41.9	35.1	28.6
-3.75°	326.2	280.8	238.6	206.9	172.5	124.7	77.9	52.0	41.2	34.5	28.3
-5°	316.8	271.9	232.8	201.4	165.3	116.4	71.8	50.2	40.4	33.7	27.9
-6.25°	304.8	260.6	225.4	194.4	156.1	105.9	66.3	48.2	39.2	32.6	27.4
-7.5°	290.3	247.1	216.4	185.9	144.8	95.3	61.5	45.8	37.8	31.3	26.7
-8.75°	273.6	235.8	206.0	173.9	129.2	83.5	55.8	42.9	36.2	29.7	26.0
-10°	254.7	223.4	194.3	158.4	111.4	70.1	50.3	40.8	34.4	28.4	25.2
-11.25°	237.6	209.6	180.9	140.2	93.9	61.9	46.5	38.6	32.3	27.4	24.2
-12.5°	221.8	194.5	161.1	117.3	76.7	53.5	42.4	36.2	30.0	26.3	23.2
-13.75°	204.7	176.9	138.4	94.7	63.4	47.8	39.7	33.6	28.2	25.1	22.0
-15°	186.6	153.0	110.6	73.8	53.2	42.7	36.7	30.8	26.8	23.8	21.2
-16.25°	161.9	123.7	85.8	60.0	46.7	39.3	33.6	28.3	25.4	22.4	20.3
-17.5°	131.6	93.9	65.0	49.7	41.4	35.9	30.3	26.7	23.9	21.3	19.3
-18.75°	97.9	68.0	52.0	43.1	37.6	32.2	27.8	25.0	22.2	20.3	18.3
-20°	69.2	53.9	44.6	38.8	33.7	28.6	26.0	23.3	21.0	19.2	17.3
-21.25°	53.9	45.1	39.3	34.5	29.6	26.6	24.1	21.6	19.8	18.0	16.8



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°
-22.5°	44.6	39.3	34.8	30.1	27.1	24.6	22.1	20.3	18.6	17.1	16.2
-23.75°	38.8	34.5	30.1	27.2	24.9	22.5	20.7	19.0	17.3	16.5	15.6
-25°	33.7	29.6	27.1	24.9	22.6	20.8	19.2	17.6	16.7	15.8	15.0
-26.25°	28.6	26.6	24.6	22.5	20.8	19.3	17.8	16.8	16.0	15.2	14.6
-27.5°	26.0	24.1	22.1	20.7	19.2	17.8	16.8	16.1	15.3	14.7	14.2
-28.75°	23.3	21.6	20.3	19.0	17.6	16.8	16.1	15.3	14.7	14.2	13.7
-30°	21.0	19.8	18.6	17.3	16.7	16.0	15.3	14.7	14.3	13.8	13.4
-31.25°	19.2	18.0	17.1	16.5	15.8	15.2	14.7	14.2	13.8	13.4	13.2
-32.5°	17.3	16.8	16.2	15.6	15.0	14.6	14.2	13.7	13.4	13.2	13.0
-33.75°	16.4	15.8	15.3	14.8	14.4	14.0	13.6	13.4	13.2	13.0	12.7
-35°	15.4	15.0	14.6	14.2	13.9	13.5	13.3	13.2	13.0	12.7	12.5
-36.25°	14.7	14.3	14.0	13.6	13.4	13.3	13.1	12.9	12.7	12.4	12.2
-37.5°	14.0	13.7	13.5	13.3	13.2	13.0	12.8	12.6	12.4	12.2	12.0
-38.75°	13.5	13.4	13.2	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.7
-40°	13.2	13.1	12.9	12.7	12.6	12.4	12.2	12.0	11.8	11.7	11.5
-41.25°	12.9	12.7	12.6	12.4	12.2	12.1	11.9	11.7	11.6	11.4	11.4
-42.5°	12.5	12.4	12.2	12.1	11.9	11.8	11.6	11.5	11.4	11.4	11.4
-43.75°	12.2	12.0	11.9	11.8	11.7	11.5	11.4	11.4	11.4	11.4	11.4
-45°	11.9	11.7	11.6	11.5	11.4	11.4	11.4	11.4	11.4	11.3	11.1
-46.25°	11.5	11.4	11.4	11.4	11.4	11.4	11.4	11.3	11.2	11.0	10.8
-47.5°	11.4	11.4	11.4	11.4	11.4	11.3	11.2	11.0	10.9	10.7	10.5
-48.75°	11.4	11.4	11.4	11.3	11.1	11.0	10.9	10.7	10.5	10.4	10.2
-50°	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9
-51.25°	10.9	10.8	10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.8	9.6
-52.5°	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.3
-53.75°	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1
-55°	9.8	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8
-56.25°	9.5	9.4	9.3	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4
-57.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.1
-58.75°	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9
-60°	8.5	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6
-61.25°	8.1	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
-62.5°	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9
-63.75°	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7	6.6
-65°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
-66.25°	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.1
-67.5°	6.4	6.4	6.3	6.2	6.2	6.1	6.0	6.0	5.9	5.8	5.7
-68.75°	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4
-70°	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.1
-71.25°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
-72.5°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.5
-73.75°	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-76.25°	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9
-77.5°	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	3.3	3.3	3.2	3.2	3.1	3.0	3.0	3.0	2.9	2.9	2.9
-80°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6
-81.25°	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
-82.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
-83.75°	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
-85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
-86.25°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	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: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
85°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
83.75°	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
82.5°	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
81.25°	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8
80°	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
78.75°	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4
77.5°	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6
76.25°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
75°	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2
73.75°	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.1	4.0	3.8	3.7
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.2
71.25°	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.5	4.5
68.75°	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.5
67.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6
66.25°	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9
65°	6.3	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.3	5.1
63.75°	6.5	6.4	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.5	5.4
62.5°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7
61.25°	7.1	7.0	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9
60°	7.5	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.2
58.75°	7.8	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.7	6.5	6.4
57.5°	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.8	6.6
56.25°	8.3	8.2	8.1	7.9	7.8	7.7	7.5	7.3	7.2	7.0	6.8
55°	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.6	7.4	7.3	7.1
53.75°	8.9	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.7	7.5	7.3
52.5°	9.2	9.1	8.9	8.7	8.6	8.4	8.2	8.1	7.9	7.7	7.6
51.25°	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.3	8.1	8.0	7.8
50°	9.7	9.6	9.4	9.3	9.1	8.9	8.7	8.6	8.4	8.2	8.0
48.75°	10.0	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.4	8.2
47.5°	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.1	8.8	8.6	8.4
46.25°	10.6	10.4	10.2	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.6
45°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9
43.75°	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.3	9.1
42.5°	11.4	11.3	11.1	10.9	10.6	10.4	10.2	9.9	9.7	9.5	9.3
41.25°	11.4	11.4	11.3	11.1	10.9	10.7	10.4	10.2	9.9	9.7	9.5
40°	11.4	11.4	11.4	11.4	11.1	10.9	10.7	10.4	10.2	9.9	9.7
38.75°	11.5	11.4	11.4	11.4	11.4	11.1	10.9	10.6	10.4	10.1	9.8
37.5°	11.8	11.5	11.4	11.4	11.4	11.4	11.1	10.9	10.6	10.3	10.0
36.25°	12.0	11.8	11.6	11.4	11.4	11.4	11.3	11.1	10.8	10.5	10.2
35°	12.2	12.0	11.8	11.5	11.4	11.4	11.4	11.3	11.0	10.7	10.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	12.5	12.2	12.0	11.8	11.5	11.4	11.4	11.4	11.2	10.9	10.6
32.5°	12.7	12.5	12.2	12.0	11.7	11.5	11.4	11.4	11.4	11.1	10.8
31.25°	13.0	12.7	12.4	12.2	11.9	11.7	11.4	11.4	11.4	11.3	11.0
30°	13.2	13.0	12.7	12.4	12.1	11.8	11.6	11.4	11.4	11.4	11.2
28.75°	13.4	13.2	12.9	12.6	12.3	12.0	11.7	11.5	11.4	11.4	11.3
27.5°	13.6	13.3	13.1	12.8	12.5	12.2	11.9	11.6	11.4	11.4	11.4
26.25°	14.0	13.5	13.3	13.0	12.7	12.4	12.1	11.8	11.5	11.4	11.4
25°	14.4	13.9	13.4	13.2	12.9	12.6	12.2	11.9	11.7	11.4	11.4
23.75°	14.8	14.2	13.6	13.3	13.1	12.7	12.4	12.1	11.8	11.5	11.4
22.5°	15.3	14.6	14.0	13.5	13.2	12.9	12.6	12.2	11.9	11.6	11.4
21.25°	15.8	15.0	14.3	13.7	13.4	13.1	12.7	12.4	12.0	11.7	11.4
20°	16.4	15.4	14.7	14.0	13.5	13.2	12.9	12.5	12.2	11.9	11.5
18.75°	16.9	15.9	15.0	14.3	13.7	13.3	13.0	12.7	12.3	12.0	11.7
17.5°	17.4	16.4	15.4	14.6	13.9	13.4	13.1	12.8	12.4	12.1	11.8
16.25°	18.3	16.8	15.8	14.9	14.2	13.6	13.2	12.9	12.6	12.2	11.8
15°	19.1	17.2	16.2	15.1	14.4	13.7	13.3	13.0	12.7	12.3	11.9
13.75°	19.9	17.8	16.5	15.5	14.6	13.9	13.4	13.1	12.8	12.4	12.0
12.5°	20.7	18.5	16.9	15.8	14.9	14.1	13.5	13.2	12.9	12.5	12.1
11.25°	21.3	19.2	17.2	16.1	15.0	14.3	13.6	13.3	12.9	12.6	12.2
10°	21.9	19.7	17.5	16.4	15.3	14.5	13.8	13.3	13.0	12.6	12.2
8.75°	22.7	20.3	18.0	16.6	15.5	14.6	13.9	13.4	13.1	12.7	12.3
7.5°	23.4	20.7	18.5	16.8	15.7	14.8	14.0	13.5	13.1	12.7	12.4
6.25°	24.0	21.1	18.9	17.0	15.9	14.9	14.1	13.5	13.2	12.8	12.4
5°	24.5	21.4	19.2	17.1	16.0	14.9	14.2	13.5	13.2	12.8	12.4
3.75°	24.9	21.7	19.4	17.3	16.1	15.0	14.3	13.6	13.2	12.9	12.5
2.5°	25.2	21.9	19.6	17.3	16.2	15.1	14.3	13.6	13.2	12.9	12.5
1.25°	25.3	22.0	19.7	17.4	16.2	15.1	14.3	13.6	13.2	12.9	12.5
0°	25.4	22.0	19.7	17.4	16.3	15.1	14.4	13.6	13.3	12.9	12.5
-1.25°	25.3	22.0	19.7	17.4	16.2	15.1	14.3	13.6	13.2	12.9	12.5
-2.5°	25.2	21.9	19.6	17.3	16.2	15.1	14.3	13.6	13.2	12.9	12.5
-3.75°	24.9	21.7	19.4	17.3	16.1	15.0	14.3	13.6	13.2	12.9	12.5
-5°	24.5	21.4	19.2	17.1	16.0	14.9	14.2	13.5	13.2	12.8	12.4
-6.25°	24.0	21.1	18.9	17.0	15.9	14.9	14.1	13.5	13.2	12.8	12.4
-7.5°	23.4	20.7	18.5	16.8	15.7	14.8	14.0	13.5	13.1	12.7	12.4
-8.75°	22.7	20.3	18.0	16.6	15.5	14.6	13.9	13.4	13.1	12.7	12.3
-10°	21.9	19.7	17.5	16.4	15.3	14.5	13.8	13.3	13.0	12.6	12.2
-11.25°	21.3	19.2	17.2	16.1	15.0	14.3	13.6	13.3	12.9	12.6	12.2
-12.5°	20.7	18.5	16.9	15.8	14.9	14.1	13.5	13.2	12.9	12.5	12.1
-13.75°	19.9	17.8	16.5	15.5	14.6	13.9	13.4	13.1	12.8	12.4	12.0
-15°	19.1	17.2	16.2	15.1	14.4	13.7	13.3	13.0	12.7	12.3	11.9
-16.25°	18.3	16.8	15.8	14.9	14.2	13.6	13.2	12.9	12.6	12.2	11.8
-17.5°	17.4	16.4	15.4	14.6	13.9	13.4	13.1	12.8	12.4	12.1	11.8
-18.75°	16.9	15.9	15.0	14.3	13.7	13.3	13.0	12.7	12.3	12.0	11.7
-20°	16.4	15.4	14.7	14.0	13.5	13.2	12.9	12.5	12.2	11.9	11.5
-21.25°	15.8	15.0	14.3	13.7	13.4	13.1	12.7	12.4	12.0	11.7	11.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	15.3	14.6	14.0	13.5	13.2	12.9	12.6	12.2	11.9	11.6	11.4
-23.75°	14.8	14.2	13.6	13.3	13.1	12.7	12.4	12.1	11.8	11.5	11.4
-25°	14.4	13.9	13.4	13.2	12.9	12.6	12.2	11.9	11.7	11.4	11.4
-26.25°	14.0	13.5	13.3	13.0	12.7	12.4	12.1	11.8	11.5	11.4	11.4
-27.5°	13.6	13.3	13.1	12.8	12.5	12.2	11.9	11.6	11.4	11.4	11.4
-28.75°	13.4	13.2	12.9	12.6	12.3	12.0	11.7	11.5	11.4	11.4	11.3
-30°	13.2	13.0	12.7	12.4	12.1	11.8	11.6	11.4	11.4	11.4	11.2
-31.25°	13.0	12.7	12.4	12.2	11.9	11.7	11.4	11.4	11.4	11.3	11.0
-32.5°	12.7	12.5	12.2	12.0	11.7	11.5	11.4	11.4	11.4	11.1	10.8
-33.75°	12.5	12.2	12.0	11.8	11.5	11.4	11.4	11.4	11.2	10.9	10.6
-35°	12.2	12.0	11.8	11.5	11.4	11.4	11.4	11.3	11.0	10.7	10.4
-36.25°	12.0	11.8	11.6	11.4	11.4	11.4	11.3	11.1	10.8	10.5	10.2
-37.5°	11.8	11.5	11.4	11.4	11.4	11.4	11.1	10.9	10.6	10.3	10.0
-38.75°	11.5	11.4	11.4	11.4	11.4	11.1	10.9	10.6	10.4	10.1	9.8
-40°	11.4	11.4	11.4	11.4	11.1	10.9	10.7	10.4	10.2	9.9	9.7
-41.25°	11.4	11.4	11.3	11.1	10.9	10.7	10.4	10.2	9.9	9.7	9.5
-42.5°	11.4	11.3	11.1	10.9	10.6	10.4	10.2	9.9	9.7	9.5	9.3
-43.75°	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.3	9.1
-45°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9
-46.25°	10.6	10.4	10.2	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.6
-47.5°	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.1	8.8	8.6	8.4
-48.75°	10.0	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.4	8.2
-50°	9.7	9.6	9.4	9.3	9.1	8.9	8.7	8.6	8.4	8.2	8.0
-51.25°	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.3	8.1	8.0	7.8
-52.5°	9.2	9.1	8.9	8.7	8.6	8.4	8.2	8.1	7.9	7.7	7.6
-53.75°	8.9	8.8	8.6	8.5	8.3	8.1	8.0	7.8	7.7	7.5	7.3
-55°	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.6	7.4	7.3	7.1
-56.25°	8.3	8.2	8.1	7.9	7.8	7.7	7.5	7.3	7.2	7.0	6.8
-57.5°	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.8	6.6
-58.75°	7.8	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.7	6.5	6.4
-60°	7.5	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.2
-61.25°	7.1	7.0	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9
-62.5°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7
-63.75°	6.5	6.4	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.5	5.4
-65°	6.3	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.3	5.1
-66.25°	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9
-67.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6
-68.75°	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.5
-70°	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.5	4.5
-71.25°	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.2
-73.75°	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.1	4.0	3.8	3.7
-75°	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2
-76.25°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-77.5°	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4
-80°	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
-81.25°	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8
-82.5°	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
-83.75°	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
-85°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
-86.25°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
85°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
83.75°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
82.5°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
81.25°	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3
80°	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
78.75°	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
77.5°	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9
76.25°	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
75°	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3
73.75°	3.5	3.4	3.2	3.1	2.9	2.9	2.8	2.7	2.6	2.5	2.5
72.5°	4.0	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.8	2.7	2.6
71.25°	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.8
70°	4.5	4.5	4.5	4.4	4.2	4.0	3.8	3.6	3.4	3.1	3.0
68.75°	4.5	4.5	4.5	4.5	4.5	4.4	4.2	4.0	3.7	3.5	3.3
67.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.1	3.9	3.6
66.25°	4.8	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.2	4.0
65°	5.0	4.9	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.3
63.75°	5.3	5.1	5.0	4.8	4.7	4.6	4.5	4.5	4.5	4.5	4.5
62.5°	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.5	4.5	4.5
61.25°	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.5	4.5
60°	6.0	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.5
58.75°	6.2	6.1	5.9	5.8	5.6	5.4	5.2	5.1	4.9	4.7	4.5
57.5°	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7
56.25°	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.9
55°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0
53.75°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2
52.5°	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4
51.25°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5
50°	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7
48.75°	8.0	7.8	7.6	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9
47.5°	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.2	6.0
46.25°	8.4	8.2	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.4	6.2
45°	8.6	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.3
43.75°	8.8	8.6	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4
42.5°	9.1	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.6
41.25°	9.2	9.0	8.7	8.5	8.2	8.0	7.8	7.5	7.2	6.9	6.7
40°	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.7	7.4	7.1	6.8
38.75°	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.8	7.5	7.2	6.9
37.5°	9.8	9.5	9.3	9.0	8.7	8.5	8.2	7.9	7.7	7.4	7.1
36.25°	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.1	7.8	7.5	7.2
35°	10.2	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.3



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.5
32.5°	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.4	8.1	7.9	7.6
31.25°	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7
30°	10.9	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8
28.75°	11.0	10.7	10.4	10.1	9.7	9.4	9.2	8.8	8.5	8.2	7.9
27.5°	11.2	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3	8.0
26.25°	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.1	8.7	8.4	8.1
25°	11.4	11.1	10.8	10.5	10.1	9.8	9.5	9.2	8.8	8.5	8.1
23.75°	11.4	11.3	10.9	10.6	10.2	9.9	9.6	9.3	8.9	8.6	8.2
22.5°	11.4	11.4	11.1	10.7	10.4	10.0	9.7	9.3	9.0	8.7	8.3
21.25°	11.4	11.4	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.8	8.4
20°	11.4	11.4	11.3	10.9	10.6	10.2	9.8	9.5	9.2	8.8	8.5
18.75°	11.4	11.4	11.4	11.0	10.7	10.3	9.9	9.6	9.3	8.9	8.5
17.5°	11.4	11.4	11.4	11.1	10.8	10.4	10.0	9.7	9.3	9.0	8.6
16.25°	11.5	11.4	11.4	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.7
15°	11.6	11.4	11.4	11.3	10.9	10.5	10.2	9.8	9.5	9.1	8.7
13.75°	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.8
12.5°	11.8	11.4	11.4	11.4	11.1	10.7	10.3	9.9	9.6	9.2	8.9
11.25°	11.8	11.5	11.4	11.4	11.1	10.7	10.4	10.0	9.6	9.3	8.9
10°	11.9	11.5	11.4	11.4	11.2	10.8	10.4	10.0	9.6	9.3	8.9
8.75°	11.9	11.6	11.4	11.4	11.2	10.8	10.5	10.1	9.7	9.3	9.0
7.5°	12.0	11.6	11.4	11.4	11.3	10.9	10.5	10.1	9.7	9.4	9.0
6.25°	12.0	11.7	11.4	11.4	11.3	10.9	10.5	10.1	9.7	9.4	9.0
5°	12.0	11.7	11.4	11.4	11.3	10.9	10.6	10.2	9.8	9.4	9.1
3.75°	12.1	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
2.5°	12.1	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
1.25°	12.1	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
0°	12.1	11.8	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.5	9.1
-1.25°	12.1	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
-2.5°	12.1	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
-3.75°	12.1	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
-5°	12.0	11.7	11.4	11.4	11.3	10.9	10.6	10.2	9.8	9.4	9.1
-6.25°	12.0	11.7	11.4	11.4	11.3	10.9	10.5	10.1	9.7	9.4	9.0
-7.5°	12.0	11.6	11.4	11.4	11.3	10.9	10.5	10.1	9.7	9.4	9.0
-8.75°	11.9	11.6	11.4	11.4	11.2	10.8	10.5	10.1	9.7	9.3	9.0
-10°	11.9	11.5	11.4	11.4	11.2	10.8	10.4	10.0	9.6	9.3	8.9
-11.25°	11.8	11.5	11.4	11.4	11.1	10.7	10.4	10.0	9.6	9.3	8.9
-12.5°	11.8	11.4	11.4	11.4	11.1	10.7	10.3	9.9	9.6	9.2	8.9
-13.75°	11.7	11.4	11.4	11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.8
-15°	11.6	11.4	11.4	11.3	10.9	10.5	10.2	9.8	9.5	9.1	8.7
-16.25°	11.5	11.4	11.4	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.7
-17.5°	11.4	11.4	11.4	11.1	10.8	10.4	10.0	9.7	9.3	9.0	8.6
-18.75°	11.4	11.4	11.4	11.0	10.7	10.3	9.9	9.6	9.3	8.9	8.5
-20°	11.4	11.4	11.3	10.9	10.6	10.2	9.8	9.5	9.2	8.8	8.5
-21.25°	11.4	11.4	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.8	8.4



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	11.4	11.4	11.1	10.7	10.4	10.0	9.7	9.3	9.0	8.7	8.3
-23.75°	11.4	11.3	10.9	10.6	10.2	9.9	9.6	9.3	8.9	8.6	8.2
-25°	11.4	11.1	10.8	10.5	10.1	9.8	9.5	9.2	8.8	8.5	8.1
-26.25°	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.1	8.7	8.4	8.1
-27.5°	11.2	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3	8.0
-28.75°	11.0	10.7	10.4	10.1	9.7	9.4	9.2	8.8	8.5	8.2	7.9
-30°	10.9	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8
-31.25°	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7
-32.5°	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.4	8.1	7.9	7.6
-33.75°	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.5
-35°	10.2	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.3
-36.25°	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.1	7.8	7.5	7.2
-37.5°	9.8	9.5	9.3	9.0	8.7	8.5	8.2	7.9	7.7	7.4	7.1
-38.75°	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.8	7.5	7.2	6.9
-40°	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.7	7.4	7.1	6.8
-41.25°	9.2	9.0	8.7	8.5	8.2	8.0	7.8	7.5	7.2	6.9	6.7
-42.5°	9.1	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.6
-43.75°	8.8	8.6	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4
-45°	8.6	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.3
-46.25°	8.4	8.2	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.4	6.2
-47.5°	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.2	6.0
-48.75°	8.0	7.8	7.6	7.4	7.2	6.9	6.7	6.5	6.3	6.1	5.9
-50°	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7
-51.25°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5
-52.5°	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4
-53.75°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2
-55°	6.9	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0
-56.25°	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.9
-57.5°	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7
-58.75°	6.2	6.1	5.9	5.8	5.6	5.4	5.2	5.1	4.9	4.7	4.5
-60°	6.0	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.5
-61.25°	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.5	4.5
-62.5°	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.5	4.5	4.5
-63.75°	5.3	5.1	5.0	4.8	4.7	4.6	4.5	4.5	4.5	4.5	4.5
-65°	5.0	4.9	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.3
-66.25°	4.8	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.2	4.0
-67.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.1	3.9	3.6
-68.75°	4.5	4.5	4.5	4.5	4.5	4.4	4.2	4.0	3.7	3.5	3.3
-70°	4.5	4.5	4.5	4.4	4.2	4.0	3.8	3.6	3.4	3.1	3.0
-71.25°	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.8
-72.5°	4.0	3.9	3.7	3.5	3.3	3.1	3.0	2.9	2.8	2.7	2.6
-73.75°	3.5	3.4	3.2	3.1	2.9	2.9	2.8	2.7	2.6	2.5	2.5
-75°	3.0	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.4	2.3
-76.25°	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
-77.5°	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-80°	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-81.25°	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3
-82.5°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
-83.75°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
-85°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-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: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
83.75°	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
82.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7
81.25°	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
80°	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
78.75°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
77.5°	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1
76.25°	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.2
75°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
73.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
72.5°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
71.25°	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.6
70°	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
68.75°	3.0	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8
67.5°	3.4	3.1	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9
66.25°	3.7	3.4	3.2	2.9	2.8	2.7	2.6	2.4	2.3	2.1	2.0
65°	4.0	3.8	3.5	3.2	2.9	2.8	2.7	2.5	2.4	2.2	2.1
63.75°	4.4	4.1	3.8	3.5	3.2	2.9	2.8	2.6	2.5	2.3	2.2
62.5°	4.5	4.4	4.1	3.8	3.4	3.1	2.9	2.7	2.6	2.4	2.3
61.25°	4.5	4.5	4.4	4.0	3.7	3.4	3.0	2.9	2.7	2.5	2.4
60°	4.5	4.5	4.5	4.3	4.0	3.6	3.3	3.0	2.8	2.6	2.5
58.75°	4.5	4.5	4.5	4.5	4.2	3.9	3.5	3.1	2.9	2.7	2.5
57.5°	4.5	4.5	4.5	4.5	4.5	4.1	3.7	3.4	3.0	2.8	2.6
56.25°	4.7	4.5	4.5	4.5	4.5	4.4	4.0	3.6	3.2	2.9	2.7
55°	4.8	4.6	4.5	4.5	4.5	4.5	4.2	3.8	3.4	3.0	2.8
53.75°	5.0	4.8	4.6	4.5	4.5	4.5	4.4	4.0	3.6	3.1	2.9
52.5°	5.1	4.9	4.7	4.5	4.5	4.5	4.5	4.2	3.8	3.3	2.9
51.25°	5.3	5.1	4.8	4.6	4.5	4.5	4.5	4.4	4.0	3.5	3.1
50°	5.5	5.2	5.0	4.7	4.5	4.5	4.5	4.5	4.2	3.7	3.2
48.75°	5.6	5.4	5.1	4.9	4.6	4.5	4.5	4.5	4.3	3.9	3.4
47.5°	5.8	5.5	5.3	5.0	4.8	4.5	4.5	4.5	4.5	4.0	3.5
46.25°	5.9	5.7	5.4	5.1	4.9	4.6	4.5	4.5	4.5	4.2	3.7
45°	6.1	5.8	5.5	5.3	5.0	4.7	4.5	4.5	4.5	4.4	3.8
43.75°	6.2	5.9	5.7	5.4	5.1	4.8	4.6	4.5	4.5	4.5	4.0
42.5°	6.3	6.1	5.8	5.5	5.2	4.9	4.7	4.5	4.5	4.5	4.1
41.25°	6.4	6.2	5.9	5.6	5.3	5.1	4.8	4.5	4.5	4.5	4.3
40°	6.6	6.3	6.0	5.7	5.5	5.2	4.9	4.6	4.5	4.5	4.4
38.75°	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.7	4.5	4.5	4.5
37.5°	6.8	6.5	6.3	6.0	5.7	5.4	5.0	4.7	4.5	4.5	4.5
36.25°	6.9	6.6	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.5	4.5
35°	7.0	6.7	6.4	6.2	5.9	5.5	5.2	4.9	4.6	4.5	4.5



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	7.1	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.7	4.5	4.5
32.5°	7.3	6.9	6.6	6.3	6.1	5.7	5.4	5.1	4.7	4.5	4.5
31.25°	7.4	7.0	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.5
30°	7.5	7.1	6.8	6.5	6.2	5.9	5.6	5.2	4.9	4.5	4.5
28.75°	7.6	7.2	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.6	4.5
27.5°	7.7	7.3	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.5
26.25°	7.8	7.4	7.1	6.7	6.4	6.1	5.8	5.4	5.1	4.7	4.5
25°	7.8	7.5	7.2	6.8	6.5	6.2	5.8	5.5	5.1	4.8	4.5
23.75°	7.9	7.6	7.2	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.5
22.5°	8.0	7.7	7.3	7.0	6.6	6.3	6.0	5.6	5.2	4.9	4.5
21.25°	8.1	7.7	7.4	7.0	6.7	6.4	6.0	5.6	5.3	4.9	4.5
20°	8.1	7.8	7.5	7.1	6.7	6.4	6.1	5.7	5.3	5.0	4.6
18.75°	8.2	7.9	7.5	7.1	6.8	6.4	6.1	5.7	5.4	5.0	4.6
17.5°	8.2	7.9	7.6	7.2	6.8	6.5	6.2	5.8	5.4	5.0	4.7
16.25°	8.3	8.0	7.6	7.3	6.9	6.5	6.2	5.8	5.5	5.1	4.7
15°	8.4	8.0	7.7	7.3	6.9	6.6	6.2	5.9	5.5	5.1	4.7
13.75°	8.4	8.1	7.7	7.4	7.0	6.6	6.3	5.9	5.5	5.1	4.7
12.5°	8.5	8.1	7.8	7.4	7.0	6.6	6.3	5.9	5.6	5.2	4.8
11.25°	8.5	8.1	7.8	7.4	7.0	6.7	6.3	6.0	5.6	5.2	4.8
10°	8.5	8.2	7.8	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.8
8.75°	8.6	8.2	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.8
7.5°	8.6	8.2	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.3	4.9
6.25°	8.6	8.3	7.9	7.5	7.2	6.8	6.4	6.1	5.7	5.3	4.9
5°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
3.75°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
2.5°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
1.25°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
0°	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.3	4.9
-1.25°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
-2.5°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
-3.75°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
-5°	8.7	8.3	7.9	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9
-6.25°	8.6	8.3	7.9	7.5	7.2	6.8	6.4	6.1	5.7	5.3	4.9
-7.5°	8.6	8.2	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.3	4.9
-8.75°	8.6	8.2	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.8
-10°	8.5	8.2	7.8	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.8
-11.25°	8.5	8.1	7.8	7.4	7.0	6.7	6.3	6.0	5.6	5.2	4.8
-12.5°	8.5	8.1	7.8	7.4	7.0	6.6	6.3	5.9	5.6	5.2	4.8
-13.75°	8.4	8.1	7.7	7.4	7.0	6.6	6.3	5.9	5.5	5.1	4.7
-15°	8.4	8.0	7.7	7.3	6.9	6.6	6.2	5.9	5.5	5.1	4.7
-16.25°	8.3	8.0	7.6	7.3	6.9	6.5	6.2	5.8	5.5	5.1	4.7
-17.5°	8.2	7.9	7.6	7.2	6.8	6.5	6.2	5.8	5.4	5.0	4.7
-18.75°	8.2	7.9	7.5	7.1	6.8	6.4	6.1	5.7	5.4	5.0	4.6
-20°	8.1	7.8	7.5	7.1	6.7	6.4	6.1	5.7	5.3	5.0	4.6
-21.25°	8.1	7.7	7.4	7.0	6.7	6.4	6.0	5.6	5.3	4.9	4.5



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	8.0	7.7	7.3	7.0	6.6	6.3	6.0	5.6	5.2	4.9	4.5
-23.75°	7.9	7.6	7.2	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.5
-25°	7.8	7.5	7.2	6.8	6.5	6.2	5.8	5.5	5.1	4.8	4.5
-26.25°	7.8	7.4	7.1	6.7	6.4	6.1	5.8	5.4	5.1	4.7	4.5
-27.5°	7.7	7.3	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.5
-28.75°	7.6	7.2	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.6	4.5
-30°	7.5	7.1	6.8	6.5	6.2	5.9	5.6	5.2	4.9	4.5	4.5
-31.25°	7.4	7.0	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.5
-32.5°	7.3	6.9	6.6	6.3	6.1	5.7	5.4	5.1	4.7	4.5	4.5
-33.75°	7.1	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.7	4.5	4.5
-35°	7.0	6.7	6.4	6.2	5.9	5.5	5.2	4.9	4.6	4.5	4.5
-36.25°	6.9	6.6	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.5	4.5
-37.5°	6.8	6.5	6.3	6.0	5.7	5.4	5.0	4.7	4.5	4.5	4.5
-38.75°	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.7	4.5	4.5	4.5
-40°	6.6	6.3	6.0	5.7	5.5	5.2	4.9	4.6	4.5	4.5	4.4
-41.25°	6.4	6.2	5.9	5.6	5.3	5.1	4.8	4.5	4.5	4.5	4.3
-42.5°	6.3	6.1	5.8	5.5	5.2	4.9	4.7	4.5	4.5	4.5	4.1
-43.75°	6.2	5.9	5.7	5.4	5.1	4.8	4.6	4.5	4.5	4.5	4.0
-45°	6.1	5.8	5.5	5.3	5.0	4.7	4.5	4.5	4.5	4.4	3.8
-46.25°	5.9	5.7	5.4	5.1	4.9	4.6	4.5	4.5	4.5	4.2	3.7
-47.5°	5.8	5.5	5.3	5.0	4.8	4.5	4.5	4.5	4.5	4.0	3.5
-48.75°	5.6	5.4	5.1	4.9	4.6	4.5	4.5	4.5	4.3	3.9	3.4
-50°	5.5	5.2	5.0	4.7	4.5	4.5	4.5	4.5	4.2	3.7	3.2
-51.25°	5.3	5.1	4.8	4.6	4.5	4.5	4.5	4.4	4.0	3.5	3.1
-52.5°	5.1	4.9	4.7	4.5	4.5	4.5	4.5	4.2	3.8	3.3	2.9
-53.75°	5.0	4.8	4.6	4.5	4.5	4.5	4.4	4.0	3.6	3.1	2.9
-55°	4.8	4.6	4.5	4.5	4.5	4.5	4.2	3.8	3.4	3.0	2.8
-56.25°	4.7	4.5	4.5	4.5	4.5	4.4	4.0	3.6	3.2	2.9	2.7
-57.5°	4.5	4.5	4.5	4.5	4.5	4.1	3.7	3.4	3.0	2.8	2.6
-58.75°	4.5	4.5	4.5	4.5	4.2	3.9	3.5	3.1	2.9	2.7	2.5
-60°	4.5	4.5	4.5	4.3	4.0	3.6	3.3	3.0	2.8	2.6	2.5
-61.25°	4.5	4.5	4.4	4.0	3.7	3.4	3.0	2.9	2.7	2.5	2.4
-62.5°	4.5	4.4	4.1	3.8	3.4	3.1	2.9	2.7	2.6	2.4	2.3
-63.75°	4.4	4.1	3.8	3.5	3.2	2.9	2.8	2.6	2.5	2.3	2.2
-65°	4.0	3.8	3.5	3.2	2.9	2.8	2.7	2.5	2.4	2.2	2.1
-66.25°	3.7	3.4	3.2	2.9	2.8	2.7	2.6	2.4	2.3	2.1	2.0
-67.5°	3.4	3.1	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9
-68.75°	3.0	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8
-70°	2.9	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-71.25°	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.6
-72.5°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
-73.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-75°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
-76.25°	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.2
-77.5°	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-80°	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
-81.25°	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
-82.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7
-83.75°	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
-86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	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: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
86.25°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
85°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
83.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
82.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
81.25°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
80°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
78.75°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
77.5°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
76.25°	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2
75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
73.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
72.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
71.25°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
70°	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
68.75°	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.4	0.3
67.5°	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3
66.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
65°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3
63.75°	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.9	0.7	0.5	0.4
62.5°	2.1	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.7	0.6	0.4
61.25°	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.4
60°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
58.75°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
57.5°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.6	0.4
56.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
55°	2.6	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5
53.75°	2.7	2.5	2.3	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
52.5°	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.7	0.5
51.25°	2.8	2.6	2.4	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.5
50°	2.9	2.7	2.4	2.2	2.0	1.7	1.4	1.2	1.0	0.8	0.5
48.75°	3.0	2.7	2.5	2.3	2.0	1.7	1.5	1.3	1.0	0.8	0.5
47.5°	3.0	2.8	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
46.25°	3.2	2.8	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.6
45°	3.3	2.9	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
43.75°	3.5	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
42.5°	3.6	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
41.25°	3.7	3.2	2.8	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
40°	3.9	3.3	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
38.75°	4.0	3.4	2.9	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
37.5°	4.1	3.5	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
36.25°	4.2	3.6	3.0	2.7	2.5	2.2	1.8	1.5	1.2	0.9	0.6
35°	4.3	3.7	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°
33.75°	4.5	3.8	3.2	2.8	2.5	2.2	1.9	1.6	1.3	1.0	0.7
32.5°	4.5	3.9	3.3	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
31.25°	4.5	4.0	3.4	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
30°	4.5	4.1	3.5	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
28.75°	4.5	4.2	3.6	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
27.5°	4.5	4.3	3.6	3.0	2.7	2.4	2.0	1.7	1.3	1.0	0.7
26.25°	4.5	4.4	3.7	3.0	2.7	2.4	2.1	1.7	1.4	1.0	0.7
25°	4.5	4.5	3.8	3.1	2.7	2.4	2.1	1.7	1.4	1.1	0.7
23.75°	4.5	4.5	3.9	3.2	2.8	2.4	2.1	1.7	1.4	1.1	0.7
22.5°	4.5	4.5	3.9	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.7
21.25°	4.5	4.5	4.0	3.3	2.8	2.5	2.1	1.8	1.4	1.1	0.7
20°	4.5	4.5	4.0	3.3	2.8	2.5	2.2	1.8	1.4	1.1	0.8
18.75°	4.5	4.5	4.1	3.4	2.8	2.5	2.2	1.8	1.4	1.1	0.8
17.5°	4.5	4.5	4.1	3.4	2.9	2.5	2.2	1.8	1.4	1.1	0.8
16.25°	4.5	4.5	4.2	3.5	2.9	2.6	2.2	1.8	1.4	1.1	0.8
15°	4.5	4.5	4.2	3.5	2.9	2.6	2.2	1.8	1.5	1.1	0.8
13.75°	4.5	4.5	4.3	3.6	2.9	2.6	2.2	1.8	1.5	1.1	0.8
12.5°	4.5	4.5	4.3	3.6	2.9	2.6	2.2	1.9	1.5	1.1	0.8
11.25°	4.5	4.5	4.4	3.6	2.9	2.6	2.3	1.9	1.5	1.1	0.8
10°	4.5	4.5	4.4	3.6	3.0	2.6	2.3	1.9	1.5	1.1	0.8
8.75°	4.5	4.5	4.4	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
7.5°	4.5	4.5	4.4	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
6.25°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
5°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
3.75°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
2.5°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
1.25°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
0°	4.5	4.5	4.5	3.8	3.0	2.7	2.3	1.9	1.5	1.2	0.8
-1.25°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-2.5°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-3.75°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-5°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-6.25°	4.5	4.5	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-7.5°	4.5	4.5	4.4	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-8.75°	4.5	4.5	4.4	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-10°	4.5	4.5	4.4	3.6	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-11.25°	4.5	4.5	4.4	3.6	2.9	2.6	2.3	1.9	1.5	1.1	0.8
-12.5°	4.5	4.5	4.3	3.6	2.9	2.6	2.2	1.9	1.5	1.1	0.8
-13.75°	4.5	4.5	4.3	3.6	2.9	2.6	2.2	1.8	1.5	1.1	0.8
-15°	4.5	4.5	4.2	3.5	2.9	2.6	2.2	1.8	1.5	1.1	0.8
-16.25°	4.5	4.5	4.2	3.5	2.9	2.6	2.2	1.8	1.4	1.1	0.8
-17.5°	4.5	4.5	4.1	3.4	2.9	2.5	2.2	1.8	1.4	1.1	0.8
-18.75°	4.5	4.5	4.1	3.4	2.8	2.5	2.2	1.8	1.4	1.1	0.8
-20°	4.5	4.5	4.0	3.3	2.8	2.5	2.2	1.8	1.4	1.1	0.8
-21.25°	4.5	4.5	4.0	3.3	2.8	2.5	2.1	1.8	1.4	1.1	0.7



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°
-22.5°	4.5	4.5	3.9	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.7
-23.75°	4.5	4.5	3.9	3.2	2.8	2.4	2.1	1.7	1.4	1.1	0.7
-25°	4.5	4.5	3.8	3.1	2.7	2.4	2.1	1.7	1.4	1.1	0.7
-26.25°	4.5	4.4	3.7	3.0	2.7	2.4	2.1	1.7	1.4	1.0	0.7
-27.5°	4.5	4.3	3.6	3.0	2.7	2.4	2.0	1.7	1.3	1.0	0.7
-28.75°	4.5	4.2	3.6	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
-30°	4.5	4.1	3.5	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-31.25°	4.5	4.0	3.4	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-32.5°	4.5	3.9	3.3	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
-33.75°	4.5	3.8	3.2	2.8	2.5	2.2	1.9	1.6	1.3	1.0	0.7
-35°	4.3	3.7	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7
-36.25°	4.2	3.6	3.0	2.7	2.5	2.2	1.8	1.5	1.2	0.9	0.6
-37.5°	4.1	3.5	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-38.75°	4.0	3.4	2.9	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-40°	3.9	3.3	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-41.25°	3.7	3.2	2.8	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-42.5°	3.6	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-43.75°	3.5	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
-45°	3.3	2.9	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
-46.25°	3.2	2.8	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.6
-47.5°	3.0	2.8	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-48.75°	3.0	2.7	2.5	2.3	2.0	1.7	1.5	1.3	1.0	0.8	0.5
-50°	2.9	2.7	2.4	2.2	2.0	1.7	1.4	1.2	1.0	0.8	0.5
-51.25°	2.8	2.6	2.4	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.5
-52.5°	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.7	0.5
-53.75°	2.7	2.5	2.3	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
-55°	2.6	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5
-56.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
-57.5°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.6	0.4
-58.75°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-60°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
-61.25°	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.4
-62.5°	2.1	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.7	0.6	0.4
-63.75°	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.9	0.7	0.5	0.4
-65°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3
-66.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-67.5°	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3
-68.75°	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.4	0.3
-70°	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
-71.25°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-72.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
-73.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
-75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-76.25°	1.1	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-77.5°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°
-78.75°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-80°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
-81.25°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-82.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-83.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-85°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-86.25°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-87.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.3	0.0
32.5°	0.3	0.0
31.25°	0.3	0.0
30°	0.3	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.4	0.0
23.75°	0.4	0.0
22.5°	0.4	0.0
21.25°	0.4	0.0
20°	0.4	0.0
18.75°	0.4	0.0
17.5°	0.4	0.0
16.25°	0.4	0.0
15°	0.4	0.0
13.75°	0.4	0.0
12.5°	0.4	0.0
11.25°	0.4	0.0
10°	0.4	0.0
8.75°	0.4	0.0
7.5°	0.4	0.0
6.25°	0.4	0.0
5°	0.4	0.0
3.75°	0.4	0.0
2.5°	0.4	0.0
1.25°	0.4	0.0
0°	0.4	0.0
-1.25°	0.4	0.0
-2.5°	0.4	0.0
-3.75°	0.4	0.0
-5°	0.4	0.0
-6.25°	0.4	0.0
-7.5°	0.4	0.0
-8.75°	0.4	0.0
-10°	0.4	0.0
-11.25°	0.4	0.0
-12.5°	0.4	0.0
-13.75°	0.4	0.0
-15°	0.4	0.0
-16.25°	0.4	0.0
-17.5°	0.4	0.0
-18.75°	0.4	0.0
-20°	0.4	0.0
-21.25°	0.4	0.0



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220313 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-M-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°	0.0	0.0
-85°	0.0	0.0
-86.25°	0.0	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)