

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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

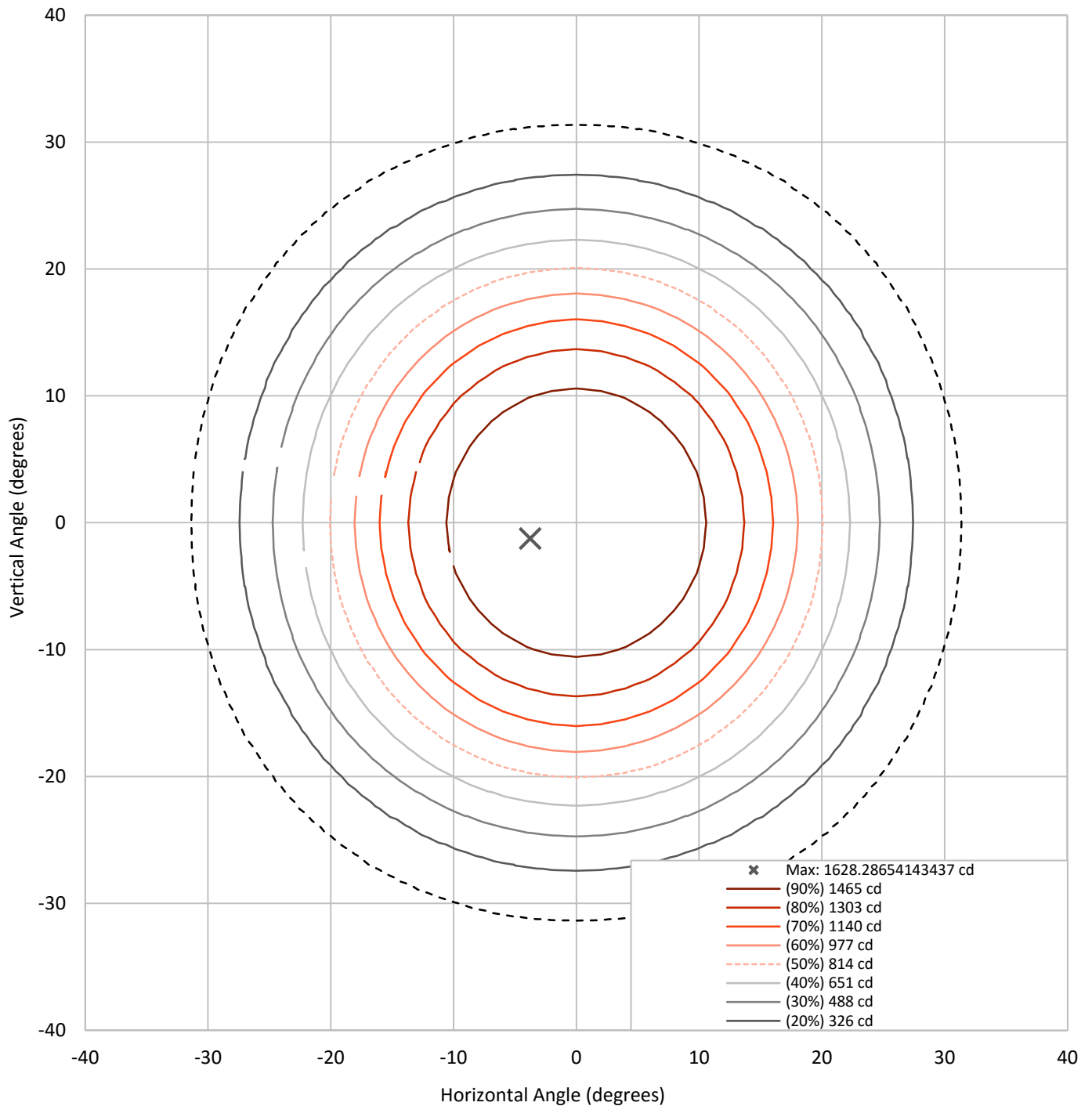
Test Method: LM-79-08
Report Number: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29411)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	787.6 lumens	Max Intensity:	1628.3 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	78.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.1°H x 39.5°V	Field Angle (10%):	62.7°H x 62.3°V
Beam Lumens:	479.9 lumens	Field Lumens:	706.5 lumens
Beam Efficiency:	60.9%	Field Efficiency:	89.7%
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





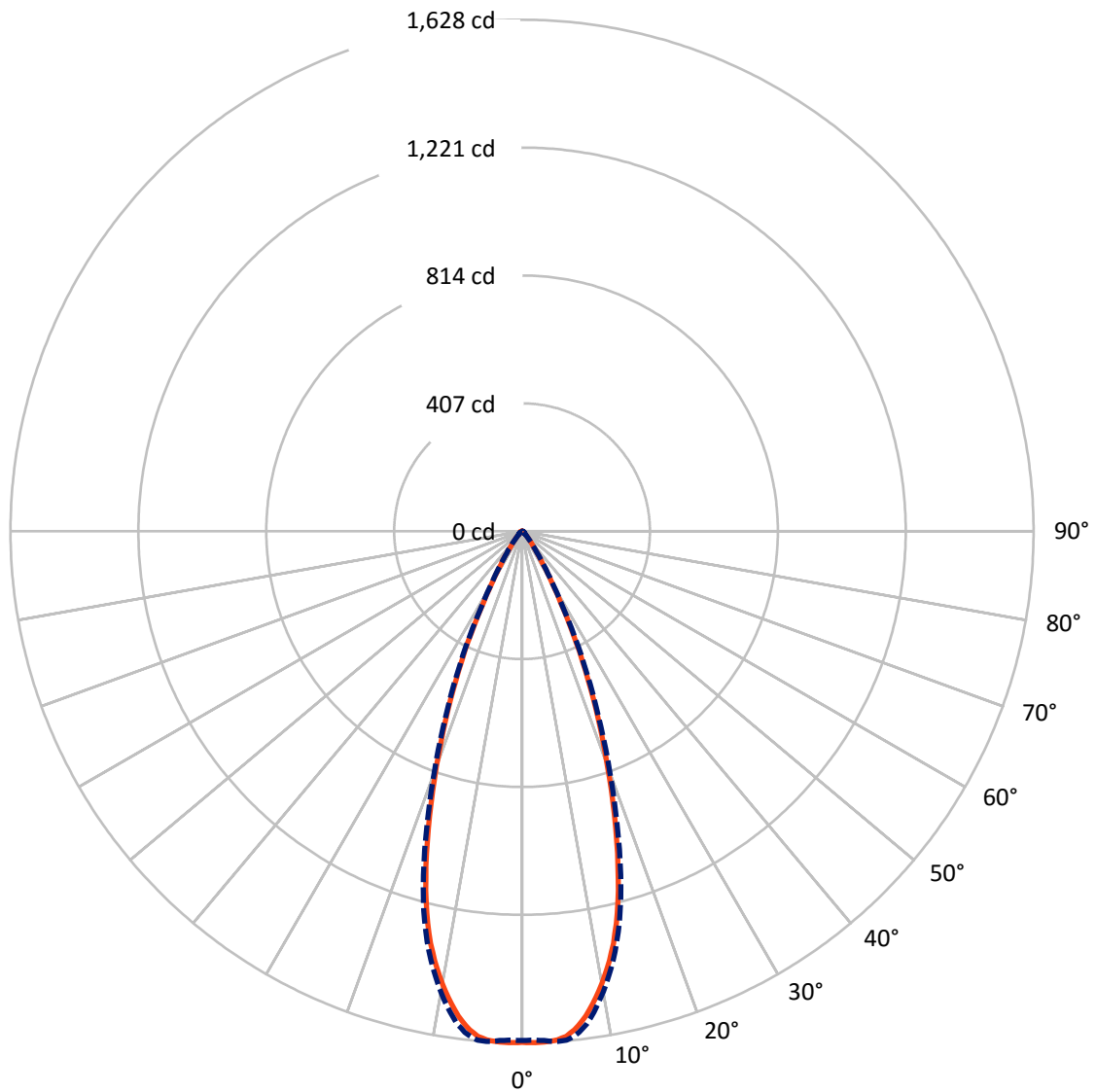
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Lumen Table

90																			
80	0.0	0.1		0.2		0.3		0.3		0.3		0.2		0.1		0.0			
70	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
60		0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1				
50	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1			
40		0.1	0.1	0.2	0.3	0.8	1.8	2.8	2.8	1.8	0.8	0.3	0.2	0.1	0.1				
30	0.1	0.1	0.1	0.2	0.7	2.7	7.9	13.5	13.5	7.9	2.7	0.7	0.2	0.1	0.1	0.1			
20		0.1	0.1	0.3	1.5	7.5	21.6	34.0	34.0	21.6	7.5	1.5	0.3	0.1	0.1				
10	0.1	0.1	0.2	0.4	2.3	12.4	33.0	47.0	47.0	33.0	12.4	2.3	0.4	0.2	0.1	0.1			
0		0.1	0.2	0.4	2.3	12.4	33.0	47.0	47.0	33.0	12.4	2.3	0.4	0.2	0.1				
-10	0.1	0.1	0.1	0.3	1.5	7.5	21.6	34.0	34.0	21.6	7.5	1.5	0.3	0.1	0.1	0.1			
-20		0.1	0.1	0.2	0.7	2.7	7.9	13.5	13.5	7.9	2.7	0.7	0.2	0.1	0.1				
-30	0.1	0.1	0.1	0.2	0.3	0.8	1.8	2.8	2.8	1.8	0.8	0.3	0.2	0.1	0.1	0.1			
-40		0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.6	0.4	0.3	0.2	0.2	0.1	0.1				
-50	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0			
-60		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-70	0.0	0.0	0.1		0.2		0.3		0.3		0.3		0.2		0.1		0.0		
-80		0.0	0.1		0.2		0.3		0.3		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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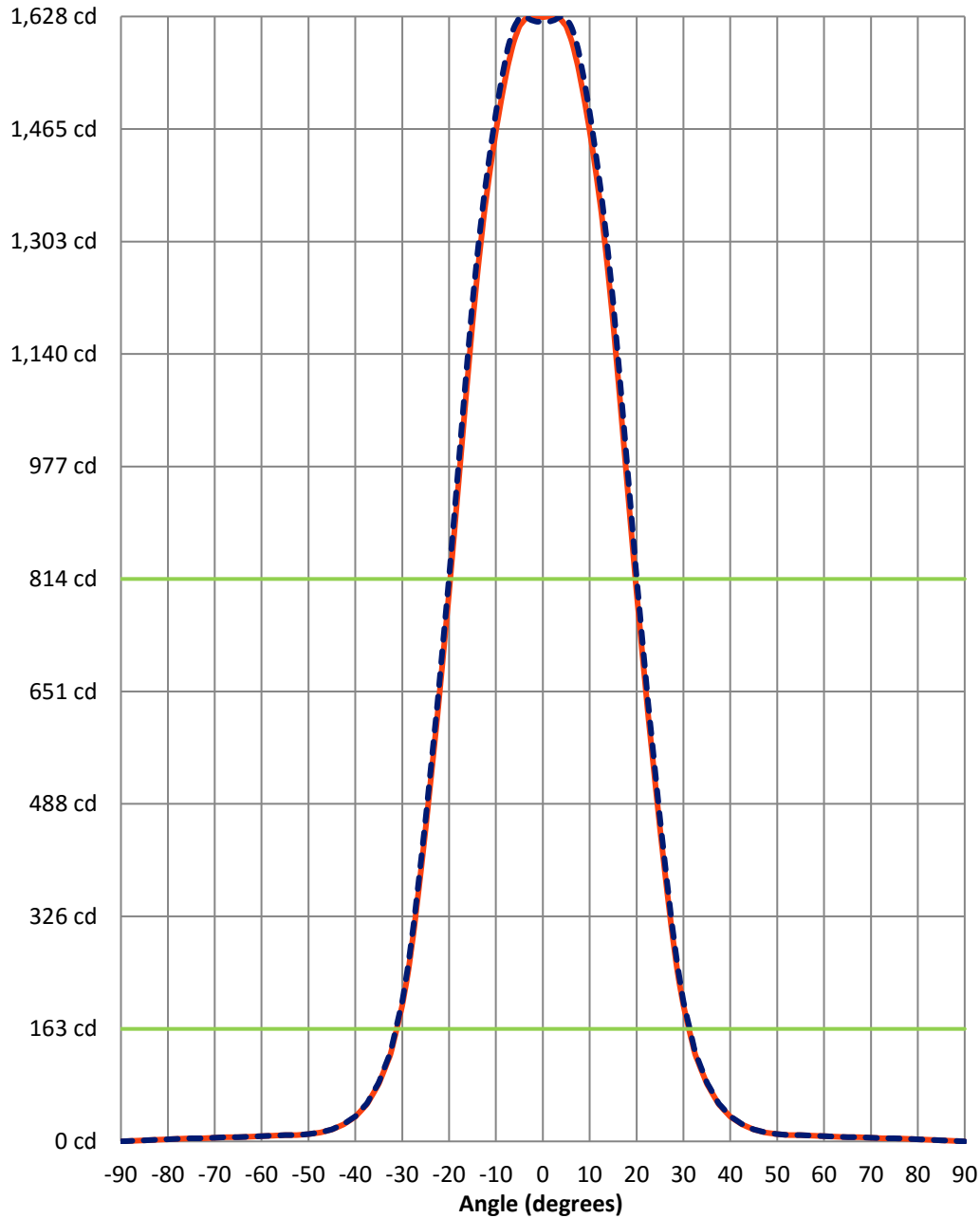
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 40.1°
 V Angle: 39.5°
 Lumens: 479.9
 Efficiency: 60.9%

Field:
 H Angle: 62.7°
 V Angle: 62.3°
 Lumens: 706.5
 Efficiency: 89.7%

Spill:
 Lumens: 81.2
 Efficiency: 10.3%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-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	3.1
32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
31.25°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.3
28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3
27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.3
26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.4
25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1	3.4
23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.1	3.5
22.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.8	3.1	3.5
21.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
20°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.2	3.6
18.75°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.2	3.6
17.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
16.25°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.3	3.6
15°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
13.75°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
12.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	2.9	3.3	3.7
11.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	2.9	3.3	3.7
10°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.3	3.7
8.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
7.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
6.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
3.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
2.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
1.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
0°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-1.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-2.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-3.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-6.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-7.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-8.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
-10°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.3	3.7
-11.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	2.9	3.3	3.7
-12.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	2.9	3.3	3.7
-13.75°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
-15°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.7
-16.25°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.3	3.6
-17.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6
-18.75°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.2	3.6
-20°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.8	3.2	3.6
-21.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5



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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	3.1	3.5
-23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.1	3.5
-25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.4
-27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.0	3.3
-28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3
-30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	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	3.2
-32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-33.75°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.2	0.2	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	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	3.1
65°	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1	3.2
63.75°	1.8	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.4
62.5°	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.6
61.25°	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.7
60°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.9
58.75°	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.8	4.0
57.5°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1
56.25°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
55°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.9	4.0	4.2	4.4
53.75°	2.5	2.7	2.9	3.1	3.3	3.5	3.8	4.0	4.2	4.4	4.5
52.5°	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.5
51.25°	2.6	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.4	4.5	4.5
50°	2.7	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.5	4.5	4.5
48.75°	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.5	4.5	4.5
47.5°	2.8	3.0	3.3	3.6	3.8	4.0	4.3	4.5	4.5	4.5	4.5
46.25°	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.5	4.5	4.5	4.6
45°	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.7
43.75°	3.0	3.2	3.5	3.8	4.1	4.3	4.5	4.5	4.5	4.6	4.9
42.5°	3.0	3.3	3.6	3.9	4.1	4.4	4.5	4.5	4.5	4.7	5.0
41.25°	3.1	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.8	5.1
40°	3.2	3.5	3.8	4.0	4.3	4.5	4.5	4.5	4.7	4.9	5.2
38.75°	3.2	3.5	3.8	4.1	4.4	4.5	4.5	4.5	4.8	5.1	5.4
37.5°	3.3	3.6	3.9	4.2	4.4	4.5	4.5	4.6	4.9	5.2	5.5
36.25°	3.3	3.7	4.0	4.2	4.5	4.5	4.5	4.7	5.0	5.3	5.6
35°	3.4	3.7	4.0	4.3	4.5	4.5	4.5	4.7	5.1	5.4	5.7



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	3.4	3.8	4.1	4.4	4.5	4.5	4.5	4.8	5.2	5.5	5.8
32.5°	3.5	3.8	4.1	4.4	4.5	4.5	4.6	4.9	5.3	5.6	5.9
31.25°	3.6	3.9	4.2	4.5	4.5	4.5	4.7	5.0	5.3	5.7	6.0
30°	3.6	3.9	4.2	4.5	4.5	4.5	4.8	5.1	5.4	5.8	6.1
28.75°	3.6	4.0	4.3	4.5	4.5	4.5	4.8	5.2	5.5	5.9	6.1
27.5°	3.7	4.0	4.3	4.5	4.5	4.6	4.9	5.2	5.6	5.9	6.1
26.25°	3.7	4.1	4.4	4.5	4.5	4.6	5.0	5.3	5.7	6.0	6.1
25°	3.8	4.1	4.4	4.5	4.5	4.7	5.0	5.4	5.8	6.1	6.1
23.75°	3.8	4.1	4.5	4.5	4.5	4.7	5.1	5.5	5.8	6.1	6.1
22.5°	3.9	4.2	4.5	4.5	4.5	4.8	5.2	5.5	5.9	6.1	6.1
21.25°	3.9	4.2	4.5	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1
20°	3.9	4.2	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.1	6.1
18.75°	3.9	4.3	4.5	4.5	4.6	4.9	5.3	5.7	6.1	6.1	6.1
17.5°	4.0	4.3	4.5	4.5	4.6	5.0	5.4	5.7	6.1	6.1	6.1
16.25°	4.0	4.3	4.5	4.5	4.7	5.0	5.4	5.8	6.1	6.1	6.1
15°	4.0	4.4	4.5	4.5	4.7	5.1	5.5	5.8	6.1	6.1	6.2
13.75°	4.0	4.4	4.5	4.5	4.7	5.1	5.5	5.9	6.1	6.1	6.2
12.5°	4.1	4.4	4.5	4.5	4.8	5.1	5.5	5.9	6.1	6.1	6.3
11.25°	4.1	4.4	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.3
10°	4.1	4.4	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.3
8.75°	4.1	4.4	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.4
7.5°	4.1	4.5	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.4
6.25°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
5°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
3.75°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
2.5°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
1.25°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
0°	4.2	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.5
-1.25°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
-2.5°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
-3.75°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
-5°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
-6.25°	4.1	4.5	4.5	4.5	4.9	5.3	5.7	6.1	6.1	6.1	6.4
-7.5°	4.1	4.5	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.4
-8.75°	4.1	4.4	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.4
-10°	4.1	4.4	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.3
-11.25°	4.1	4.4	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1	6.3
-12.5°	4.1	4.4	4.5	4.5	4.8	5.1	5.5	5.9	6.1	6.1	6.3
-13.75°	4.0	4.4	4.5	4.5	4.7	5.1	5.5	5.9	6.1	6.1	6.2
-15°	4.0	4.4	4.5	4.5	4.7	5.1	5.5	5.8	6.1	6.1	6.2
-16.25°	4.0	4.3	4.5	4.5	4.7	5.0	5.4	5.8	6.1	6.1	6.1
-17.5°	4.0	4.3	4.5	4.5	4.6	5.0	5.4	5.7	6.1	6.1	6.1
-18.75°	3.9	4.3	4.5	4.5	4.6	4.9	5.3	5.7	6.1	6.1	6.1
-20°	3.9	4.2	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.1	6.1
-21.25°	3.9	4.2	4.5	4.5	4.5	4.8	5.2	5.6	6.0	6.1	6.1



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	3.9	4.2	4.5	4.5	4.5	4.8	5.2	5.5	5.9	6.1	6.1
-23.75°	3.8	4.1	4.5	4.5	4.5	4.7	5.1	5.5	5.8	6.1	6.1
-25°	3.8	4.1	4.4	4.5	4.5	4.7	5.0	5.4	5.8	6.1	6.1
-26.25°	3.7	4.1	4.4	4.5	4.5	4.6	5.0	5.3	5.7	6.0	6.1
-27.5°	3.7	4.0	4.3	4.5	4.5	4.6	4.9	5.2	5.6	5.9	6.1
-28.75°	3.6	4.0	4.3	4.5	4.5	4.5	4.8	5.2	5.5	5.9	6.1
-30°	3.6	3.9	4.2	4.5	4.5	4.5	4.8	5.1	5.4	5.8	6.1
-31.25°	3.6	3.9	4.2	4.5	4.5	4.5	4.7	5.0	5.3	5.7	6.0
-32.5°	3.5	3.8	4.1	4.4	4.5	4.5	4.6	4.9	5.3	5.6	5.9
-33.75°	3.4	3.8	4.1	4.4	4.5	4.5	4.5	4.8	5.2	5.5	5.8
-35°	3.4	3.7	4.0	4.3	4.5	4.5	4.5	4.7	5.1	5.4	5.7
-36.25°	3.3	3.7	4.0	4.2	4.5	4.5	4.5	4.7	5.0	5.3	5.6
-37.5°	3.3	3.6	3.9	4.2	4.4	4.5	4.5	4.6	4.9	5.2	5.5
-38.75°	3.2	3.5	3.8	4.1	4.4	4.5	4.5	4.5	4.8	5.1	5.4
-40°	3.2	3.5	3.8	4.0	4.3	4.5	4.5	4.5	4.7	4.9	5.2
-41.25°	3.1	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.8	5.1
-42.5°	3.0	3.3	3.6	3.9	4.1	4.4	4.5	4.5	4.5	4.7	5.0
-43.75°	3.0	3.2	3.5	3.8	4.1	4.3	4.5	4.5	4.5	4.6	4.9
-45°	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.7
-46.25°	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.5	4.5	4.5	4.6
-47.5°	2.8	3.0	3.3	3.6	3.8	4.0	4.3	4.5	4.5	4.5	4.5
-48.75°	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.5	4.5	4.5
-50°	2.7	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.5	4.5	4.5
-51.25°	2.6	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.4	4.5	4.5
-52.5°	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.5
-53.75°	2.5	2.7	2.9	3.1	3.3	3.5	3.8	4.0	4.2	4.4	4.5
-55°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.9	4.0	4.2	4.4
-56.25°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3
-57.5°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.1
-58.75°	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.8	4.0
-60°	2.1	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.9
-61.25°	2.0	2.2	2.4	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.7
-62.5°	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.6
-63.75°	1.8	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.4
-65°	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	2.9	3.1	3.2
-66.25°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.1
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	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	3.0	3.1
72.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
71.25°	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
70°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.8	3.9
68.75°	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1
67.5°	3.1	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3
66.25°	3.2	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5
65°	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.5	4.5
63.75°	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.5	4.5	4.5
62.5°	3.7	3.9	4.0	4.2	4.3	4.5	4.5	4.5	4.5	4.5	4.5
61.25°	3.9	4.0	4.2	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.7
60°	4.0	4.2	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.9
58.75°	4.2	4.3	4.5	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.1
57.5°	4.3	4.5	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.4
56.25°	4.5	4.5	4.5	4.5	4.5	4.7	4.8	5.0	5.2	5.4	5.6
55°	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.4	5.6	5.8
53.75°	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.0
52.5°	4.5	4.5	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.1
51.25°	4.5	4.5	4.7	5.0	5.2	5.4	5.6	5.9	6.1	6.1	6.1
50°	4.5	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.1	6.1	6.1
48.75°	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.1
47.5°	4.7	5.0	5.2	5.5	5.7	6.0	6.1	6.1	6.1	6.1	6.3
46.25°	4.9	5.1	5.4	5.6	5.9	6.1	6.1	6.1	6.1	6.3	6.5
45°	5.0	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.2	6.5	6.7
43.75°	5.1	5.4	5.7	5.9	6.1	6.1	6.1	6.2	6.4	6.6	6.9
42.5°	5.3	5.5	5.8	6.1	6.1	6.1	6.1	6.3	6.6	6.8	7.1
41.25°	5.4	5.7	6.0	6.1	6.1	6.1	6.3	6.5	6.7	7.0	7.2
40°	5.5	5.8	6.1	6.1	6.1	6.2	6.4	6.6	6.9	7.2	7.4
38.75°	5.7	6.0	6.1	6.1	6.1	6.3	6.5	6.8	7.1	7.4	7.6
37.5°	5.8	6.1	6.1	6.1	6.2	6.4	6.7	7.0	7.2	7.5	7.8
36.25°	5.9	6.1	6.1	6.1	6.3	6.6	6.8	7.1	7.4	7.7	7.9
35°	6.0	6.1	6.1	6.1	6.4	6.7	7.0	7.3	7.6	7.8	8.1



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	6.1	6.1	6.1	6.3	6.5	6.8	7.1	7.4	7.7	8.0	8.2
32.5°	6.1	6.1	6.1	6.4	6.6	6.9	7.3	7.6	7.8	8.1	8.4
31.25°	6.1	6.1	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6
30°	6.1	6.1	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7
28.75°	6.1	6.1	6.4	6.7	7.0	7.3	7.7	7.9	8.2	8.6	8.9
27.5°	6.1	6.2	6.5	6.8	7.1	7.4	7.8	8.1	8.4	8.7	9.0
26.25°	6.1	6.3	6.6	6.9	7.2	7.6	7.9	8.2	8.5	8.8	9.1
25°	6.1	6.3	6.6	7.0	7.3	7.7	8.0	8.3	8.6	9.0	9.1
23.75°	6.1	6.4	6.7	7.1	7.4	7.8	8.1	8.4	8.7	9.1	9.1
22.5°	6.2	6.5	6.8	7.2	7.5	7.8	8.2	8.5	8.9	9.1	9.1
21.25°	6.2	6.6	6.9	7.3	7.6	7.9	8.2	8.6	9.0	9.1	9.1
20°	6.3	6.6	7.0	7.3	7.7	8.0	8.3	8.7	9.1	9.1	9.1
18.75°	6.4	6.7	7.0	7.4	7.8	8.1	8.4	8.8	9.1	9.1	9.1
17.5°	6.4	6.7	7.1	7.5	7.8	8.2	8.5	8.9	9.1	9.1	9.3
16.25°	6.5	6.8	7.2	7.6	7.9	8.2	8.6	9.0	9.1	9.1	9.5
15°	6.5	6.9	7.2	7.6	8.0	8.3	8.7	9.0	9.1	9.1	9.6
13.75°	6.6	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.1	9.1	9.8
12.5°	6.6	7.0	7.4	7.7	8.1	8.4	8.8	9.1	9.1	9.1	9.9
11.25°	6.6	7.0	7.4	7.8	8.1	8.5	8.9	9.1	9.1	9.3	10.0
10°	6.7	7.0	7.4	7.8	8.1	8.5	8.9	9.1	9.1	9.4	10.2
8.75°	6.7	7.1	7.5	7.8	8.2	8.6	9.0	9.1	9.1	9.5	10.3
7.5°	6.7	7.1	7.5	7.9	8.2	8.6	9.0	9.1	9.1	9.6	10.4
6.25°	6.8	7.1	7.5	7.9	8.2	8.6	9.0	9.1	9.1	9.7	10.4
5°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.7	10.5
3.75°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.8	10.5
2.5°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.8	10.6
1.25°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.8	10.6
0°	6.8	7.2	7.6	8.0	8.3	8.7	9.1	9.1	9.1	9.9	10.6
-1.25°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.8	10.6
-2.5°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.8	10.6
-3.75°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.8	10.5
-5°	6.8	7.2	7.6	7.9	8.3	8.7	9.1	9.1	9.1	9.7	10.5
-6.25°	6.8	7.1	7.5	7.9	8.2	8.6	9.0	9.1	9.1	9.7	10.4
-7.5°	6.7	7.1	7.5	7.9	8.2	8.6	9.0	9.1	9.1	9.6	10.4
-8.75°	6.7	7.1	7.5	7.8	8.2	8.6	9.0	9.1	9.1	9.5	10.3
-10°	6.7	7.0	7.4	7.8	8.1	8.5	8.9	9.1	9.1	9.4	10.2
-11.25°	6.6	7.0	7.4	7.8	8.1	8.5	8.9	9.1	9.1	9.3	10.0
-12.5°	6.6	7.0	7.4	7.7	8.1	8.4	8.8	9.1	9.1	9.2	9.9
-13.75°	6.6	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.1	9.1	9.8
-15°	6.5	6.9	7.2	7.6	8.0	8.3	8.7	9.0	9.1	9.1	9.6
-16.25°	6.5	6.8	7.2	7.6	7.9	8.2	8.6	9.0	9.1	9.1	9.5
-17.5°	6.4	6.7	7.1	7.5	7.8	8.2	8.5	8.9	9.1	9.1	9.3
-18.75°	6.4	6.7	7.0	7.4	7.8	8.1	8.4	8.8	9.1	9.1	9.1
-20°	6.3	6.6	7.0	7.3	7.7	8.0	8.3	8.7	9.1	9.1	9.1
-21.25°	6.2	6.6	6.9	7.3	7.6	7.9	8.2	8.6	9.0	9.1	9.1



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	6.2	6.5	6.8	7.2	7.5	7.8	8.2	8.5	8.9	9.1	9.1
-23.75°	6.1	6.4	6.7	7.1	7.4	7.8	8.1	8.4	8.7	9.1	9.1
-25°	6.1	6.3	6.6	7.0	7.3	7.7	8.0	8.3	8.6	9.0	9.1
-26.25°	6.1	6.3	6.6	6.9	7.2	7.6	7.9	8.2	8.5	8.8	9.1
-27.5°	6.1	6.2	6.5	6.8	7.1	7.4	7.8	8.1	8.4	8.7	9.0
-28.75°	6.1	6.1	6.4	6.7	7.0	7.3	7.7	7.9	8.2	8.6	8.9
-30°	6.1	6.1	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7
-31.25°	6.1	6.1	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6
-32.5°	6.1	6.1	6.1	6.4	6.6	6.9	7.3	7.6	7.8	8.1	8.4
-33.75°	6.1	6.1	6.1	6.3	6.5	6.8	7.1	7.4	7.7	8.0	8.2
-35°	6.0	6.1	6.1	6.1	6.4	6.7	7.0	7.3	7.6	7.8	8.1
-36.25°	5.9	6.1	6.1	6.1	6.3	6.6	6.8	7.1	7.4	7.7	7.9
-37.5°	5.8	6.1	6.1	6.1	6.2	6.4	6.7	7.0	7.2	7.5	7.8
-38.75°	5.7	6.0	6.1	6.1	6.1	6.3	6.5	6.8	7.1	7.4	7.6
-40°	5.5	5.8	6.1	6.1	6.1	6.2	6.4	6.6	6.9	7.2	7.4
-41.25°	5.4	5.7	6.0	6.1	6.1	6.1	6.3	6.5	6.7	7.0	7.2
-42.5°	5.3	5.5	5.8	6.1	6.1	6.1	6.1	6.3	6.6	6.8	7.1
-43.75°	5.1	5.4	5.7	5.9	6.1	6.1	6.1	6.2	6.4	6.6	6.9
-45°	5.0	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.2	6.5	6.7
-46.25°	4.9	5.1	5.4	5.6	5.9	6.1	6.1	6.1	6.1	6.3	6.5
-47.5°	4.7	5.0	5.2	5.5	5.7	6.0	6.1	6.1	6.1	6.1	6.3
-48.75°	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.1
-50°	4.5	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.1	6.1	6.1
-51.25°	4.5	4.5	4.7	5.0	5.2	5.4	5.6	5.9	6.1	6.1	6.1
-52.5°	4.5	4.5	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.1
-53.75°	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.0
-55°	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.4	5.6	5.8
-56.25°	4.5	4.5	4.5	4.5	4.5	4.7	4.8	5.0	5.2	5.4	5.6
-57.5°	4.3	4.5	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.2	5.4
-58.75°	4.2	4.3	4.5	4.5	4.5	4.5	4.5	4.6	4.8	5.0	5.1
-60°	4.0	4.2	4.4	4.5	4.5	4.5	4.5	4.5	4.6	4.7	4.9
-61.25°	3.9	4.0	4.2	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.7
-62.5°	3.7	3.9	4.0	4.2	4.3	4.5	4.5	4.5	4.5	4.5	4.5
-63.75°	3.6	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.5	4.5	4.5
-65°	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.5	4.5
-66.25°	3.2	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4	4.5
-67.5°	3.1	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3
-68.75°	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1
-70°	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.8	3.9
-71.25°	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
-72.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-73.75°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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	3.0	3.1	3.2	3.2	3.3	3.3
75°	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.5	3.6	3.7
73.75°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0
72.5°	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2
71.25°	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5
70°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.5	4.5	4.5
68.75°	4.2	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
67.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7
66.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.8	4.9	5.0
65°	4.5	4.5	4.5	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3
63.75°	4.5	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.6
62.5°	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9
61.25°	4.8	5.0	5.1	5.3	5.4	5.5	5.7	5.8	6.0	6.1	6.1
60°	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.1	6.1	6.1
58.75°	5.3	5.5	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	5.5	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.3
56.25°	5.8	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.6
55°	6.0	6.1	6.1	6.1	6.1	6.1	6.3	6.4	6.5	6.7	6.8
53.75°	6.1	6.1	6.1	6.1	6.2	6.3	6.5	6.6	6.8	7.0	7.1
52.5°	6.1	6.1	6.1	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4
51.25°	6.1	6.1	6.3	6.5	6.6	6.8	7.0	7.2	7.4	7.5	7.7
50°	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.8	7.9
48.75°	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2
47.5°	6.5	6.7	6.9	7.1	7.3	7.6	7.7	7.9	8.1	8.3	8.5
46.25°	6.7	6.9	7.1	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7
45°	6.9	7.1	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0
43.75°	7.1	7.3	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.1	9.1
42.5°	7.3	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.1	9.1	9.1
41.25°	7.5	7.7	8.0	8.2	8.4	8.7	8.9	9.1	9.1	9.1	9.1
40°	7.7	7.9	8.2	8.4	8.7	8.9	9.1	9.1	9.1	9.1	9.5
38.75°	7.9	8.1	8.3	8.6	8.9	9.1	9.1	9.1	9.1	9.5	10.0
37.5°	8.0	8.3	8.5	8.8	9.1	9.1	9.1	9.1	9.5	10.0	10.5
36.25°	8.2	8.5	8.7	9.0	9.1	9.1	9.1	9.5	10.0	10.5	11.1
35°	8.4	8.7	8.9	9.1	9.1	9.1	9.4	9.9	10.4	11.1	11.8



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	8.5	8.8	9.1	9.1	9.1	9.3	9.8	10.3	11.0	11.8	12.5
32.5°	8.7	9.0	9.1	9.1	9.1	9.7	10.2	10.8	11.6	12.4	13.5
31.25°	8.9	9.1	9.1	9.1	9.5	10.0	10.6	11.4	12.3	13.3	14.9
30°	9.0	9.1	9.1	9.3	9.8	10.4	11.2	12.0	12.9	14.5	16.1
28.75°	9.1	9.1	9.1	9.6	10.2	10.8	11.7	12.6	14.0	15.7	17.4
27.5°	9.1	9.1	9.3	9.9	10.5	11.4	12.3	13.4	15.2	16.9	19.4
26.25°	9.1	9.1	9.6	10.2	11.0	11.9	12.8	14.5	16.3	18.5	21.4
25°	9.1	9.3	9.9	10.5	11.4	12.4	13.7	15.5	17.4	20.4	23.4
23.75°	9.1	9.5	10.2	10.9	11.9	12.8	14.7	16.5	19.1	22.2	25.3
22.5°	9.1	9.8	10.4	11.3	12.3	13.7	15.6	17.6	20.7	23.9	28.0
21.25°	9.4	10.0	10.7	11.7	12.7	14.5	16.5	19.1	22.3	25.8	30.6
20°	9.6	10.2	11.1	12.1	13.3	15.3	17.3	20.6	23.9	28.2	33.1
18.75°	9.8	10.5	11.4	12.5	14.1	16.1	18.6	22.0	25.5	30.5	35.4
17.5°	10.0	10.7	11.8	12.8	14.8	16.8	19.9	23.3	27.5	32.6	38.5
16.25°	10.2	11.0	12.1	13.4	15.4	17.6	21.1	24.5	29.5	34.6	42.0
15°	10.3	11.3	12.4	13.9	16.0	18.6	22.2	26.0	31.3	36.6	45.2
13.75°	10.5	11.5	12.6	14.5	16.6	19.6	23.2	27.6	33.0	39.5	48.2
12.5°	10.7	11.8	12.9	15.0	17.1	20.6	24.2	29.1	34.5	42.2	51.0
11.25°	10.9	12.0	13.3	15.4	17.7	21.4	25.0	30.5	35.9	44.6	53.6
10°	11.1	12.2	13.7	15.8	18.5	22.1	26.2	31.7	37.7	46.8	56.3
8.75°	11.2	12.3	14.0	16.2	19.1	22.8	27.3	32.8	39.6	48.8	59.5
7.5°	11.4	12.5	14.3	16.5	19.7	23.4	28.2	33.8	41.3	50.5	62.4
6.25°	11.5	12.6	14.6	16.8	20.1	23.9	28.9	34.6	42.7	52.0	64.9
5°	11.6	12.7	14.8	17.0	20.5	24.3	29.6	35.2	43.8	53.2	66.9
3.75°	11.7	12.8	14.9	17.2	20.8	24.6	30.1	35.7	44.7	54.1	68.4
2.5°	11.7	12.9	15.1	17.3	21.0	24.8	30.4	36.1	45.3	54.8	69.5
1.25°	11.7	12.9	15.1	17.4	21.2	25.0	30.6	36.3	45.7	55.2	70.2
0°	11.8	12.9	15.2	17.4	21.2	25.0	30.7	36.4	45.9	55.3	70.5
-1.25°	11.7	12.9	15.1	17.3	21.0	24.8	30.4	36.1	45.3	54.8	69.5
-2.5°	11.7	12.9	15.1	17.3	21.0	24.8	30.4	36.1	45.3	54.8	69.5
-3.75°	11.7	12.8	14.9	17.2	20.8	24.6	30.1	35.7	44.7	54.1	68.4
-5°	11.6	12.7	14.8	17.0	20.5	24.3	29.6	35.2	43.8	53.2	66.9
-6.25°	11.5	12.6	14.6	16.8	20.1	23.9	28.9	34.6	42.7	52.0	64.9
-7.5°	11.4	12.5	14.3	16.5	19.7	23.4	28.2	33.8	41.3	50.5	62.4
-8.75°	11.2	12.3	14.0	16.2	19.1	22.8	27.3	32.8	39.6	48.8	59.5
-10°	11.1	12.2	13.7	15.8	18.5	22.1	26.2	31.7	37.7	46.8	56.3
-11.25°	10.9	12.0	13.3	15.4	17.7	21.4	25.0	30.5	35.9	44.6	53.6
-12.5°	10.7	11.8	12.9	15.0	17.1	20.6	24.2	29.1	34.5	42.2	51.0
-13.75°	10.5	11.5	12.6	14.5	16.6	19.6	23.2	27.6	33.0	39.5	48.2
-15°	10.3	11.3	12.4	13.9	16.0	18.6	22.2	26.0	31.3	36.6	45.2
-16.25°	10.2	11.0	12.1	13.4	15.4	17.6	21.1	24.5	29.5	34.6	42.0
-17.5°	10.0	10.7	11.8	12.8	14.8	16.8	19.9	23.3	27.5	32.6	38.5
-18.75°	9.8	10.5	11.4	12.5	14.1	16.1	18.6	22.0	25.5	30.5	35.4
-20°	9.6	10.2	11.1	12.1	13.3	15.3	17.3	20.6	23.9	28.2	33.1
-21.25°	9.4	10.0	10.7	11.7	12.7	14.5	16.5	19.1	22.3	25.8	30.6



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	9.1	9.8	10.4	11.3	12.3	13.7	15.6	17.6	20.7	23.9	28.0
-23.75°	9.1	9.5	10.2	10.9	11.9	12.8	14.7	16.5	19.1	22.2	25.3
-25°	9.1	9.3	9.9	10.5	11.4	12.4	13.7	15.5	17.4	20.4	23.4
-26.25°	9.1	9.1	9.6	10.2	11.0	11.9	12.8	14.5	16.3	18.5	21.4
-27.5°	9.1	9.1	9.3	9.9	10.5	11.4	12.3	13.4	15.2	16.9	19.4
-28.75°	9.1	9.1	9.1	9.6	10.2	10.8	11.7	12.6	14.0	15.7	17.4
-30°	9.0	9.1	9.1	9.3	9.8	10.4	11.2	12.0	12.9	14.5	16.1
-31.25°	8.9	9.1	9.1	9.1	9.5	10.0	10.6	11.4	12.3	13.3	14.9
-32.5°	8.7	9.0	9.1	9.1	9.1	9.7	10.2	10.8	11.6	12.4	13.5
-33.75°	8.5	8.8	9.1	9.1	9.1	9.3	9.8	10.3	11.0	11.8	12.5
-35°	8.4	8.7	8.9	9.1	9.1	9.1	9.4	9.9	10.4	11.1	11.8
-36.25°	8.2	8.5	8.7	9.0	9.1	9.1	9.1	9.5	10.0	10.5	11.1
-37.5°	8.0	8.3	8.5	8.8	9.1	9.1	9.1	9.1	9.5	10.0	10.5
-38.75°	7.9	8.1	8.3	8.6	8.9	9.1	9.1	9.1	9.1	9.5	10.0
-40°	7.7	7.9	8.2	8.4	8.7	8.9	9.1	9.1	9.1	9.1	9.5
-41.25°	7.5	7.7	8.0	8.2	8.4	8.7	8.9	9.1	9.1	9.1	9.1
-42.5°	7.3	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.1	9.1	9.1
-43.75°	7.1	7.3	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.1	9.1
-45°	6.9	7.1	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0
-46.25°	6.7	6.9	7.1	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7
-47.5°	6.5	6.7	6.9	7.1	7.3	7.6	7.7	7.9	8.1	8.3	8.5
-48.75°	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2
-50°	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.8	7.9
-51.25°	6.1	6.1	6.3	6.5	6.6	6.8	7.0	7.2	7.4	7.5	7.7
-52.5°	6.1	6.1	6.1	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4
-53.75°	6.1	6.1	6.1	6.1	6.2	6.3	6.5	6.6	6.8	7.0	7.1
-55°	6.0	6.1	6.1	6.1	6.1	6.1	6.3	6.4	6.5	6.7	6.8
-56.25°	5.8	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.6
-57.5°	5.5	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.3
-58.75°	5.3	5.5	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1
-60°	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.1	6.1	6.1
-61.25°	4.8	5.0	5.1	5.3	5.4	5.5	5.7	5.8	6.0	6.1	6.1
-62.5°	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9
-63.75°	4.5	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.6
-65°	4.5	4.5	4.5	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3
-66.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.7	4.8	4.9	5.0
-67.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.7
-68.75°	4.2	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-70°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.5	4.5	4.5
-71.25°	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.5
-72.5°	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2
-73.75°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0
-75°	3.0	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.5	3.6	3.7
-76.25°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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	3.1	3.1
77.5°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
76.25°	3.4	3.4	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.9
75°	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2
73.75°	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5
72.5°	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
71.25°	4.5	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	4.6	4.6	4.7	4.7	4.8
68.75°	4.5	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.2
67.5°	4.7	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.5
66.25°	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9
65°	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.1
63.75°	5.7	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.3	6.4	6.5
60°	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8
58.75°	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2
57.5°	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5
56.25°	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.6	7.7	7.8	7.8
55°	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2
53.75°	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.4	8.5
52.5°	7.6	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.9
51.25°	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	9.0	9.1	9.1
50°	8.1	8.2	8.4	8.6	8.7	8.9	9.0	9.1	9.1	9.1	9.1
48.75°	8.4	8.5	8.7	8.9	9.0	9.1	9.1	9.1	9.1	9.1	9.1
47.5°	8.7	8.8	9.0	9.1	9.1	9.1	9.1	9.1	9.3	9.5	9.8
46.25°	8.9	9.1	9.1	9.1	9.1	9.1	9.3	9.6	9.9	10.2	10.4
45°	9.1	9.1	9.1	9.1	9.3	9.6	9.9	10.2	10.5	10.9	11.3
43.75°	9.1	9.1	9.1	9.5	9.8	10.2	10.5	11.0	11.4	11.9	12.3
42.5°	9.1	9.3	9.7	10.0	10.4	10.8	11.4	11.9	12.4	12.8	13.7
41.25°	9.4	9.8	10.2	10.6	11.2	11.7	12.3	12.8	13.7	14.7	15.6
40°	9.9	10.3	10.8	11.4	12.0	12.6	13.4	14.5	15.5	16.5	17.6
38.75°	10.4	11.0	11.6	12.3	12.9	14.0	15.2	16.3	17.4	19.1	20.7
37.5°	11.1	11.8	12.4	13.3	14.5	15.7	16.9	18.5	20.4	22.2	23.9
36.25°	11.8	12.5	13.5	14.9	16.1	17.4	19.4	21.4	23.4	25.3	28.0
35°	12.6	13.7	15.1	16.4	18.0	20.1	22.3	24.3	27.0	29.9	32.7



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	13.7	15.1	16.5	18.3	20.6	22.9	25.1	28.3	31.4	34.4	37.8
32.5°	15.1	16.5	18.4	20.9	23.2	25.8	29.2	32.5	35.7	40.4	45.4
31.25°	16.4	18.3	20.9	23.4	26.2	29.8	33.3	36.9	42.4	47.7	52.8
30°	18.0	20.6	23.2	26.2	30.0	33.7	37.8	43.7	49.3	54.8	63.1
28.75°	20.1	22.9	25.8	29.8	33.7	38.2	44.3	50.3	56.7	65.8	74.6
27.5°	22.3	25.1	29.2	33.3	37.8	44.3	50.7	57.8	67.5	76.9	86.2
26.25°	24.3	28.3	32.5	36.9	43.7	50.3	57.8	68.0	78.0	88.7	102.4
25°	27.0	31.4	35.7	42.4	49.3	56.7	67.5	78.0	89.5	104.1	118.2
23.75°	29.9	34.4	40.4	47.7	54.8	65.8	76.9	88.7	104.1	119.1	136.6
22.5°	32.7	37.8	45.4	52.8	63.1	74.6	86.2	102.4	118.2	136.6	161.8
21.25°	35.4	42.4	50.1	59.2	71.3	83.1	99.0	115.6	133.6	160.3	186.4
20°	38.9	46.8	54.7	66.8	79.2	93.9	111.3	128.4	155.7	183.3	212.7
18.75°	43.0	51.1	61.4	74.1	87.2	105.3	123.1	148.1	177.0	206.2	243.7
17.5°	46.8	55.0	68.0	81.0	97.6	116.1	137.6	167.7	197.4	234.6	280.7
16.25°	50.4	60.9	74.3	88.4	107.5	126.3	155.5	186.4	221.5	266.6	318.6
15°	53.8	66.6	80.2	97.3	116.8	140.4	172.4	204.3	247.1	299.5	357.0
13.75°	58.0	71.9	85.7	105.6	125.4	155.6	188.2	226.4	276.0	333.0	396.4
12.5°	62.6	76.7	93.1	113.3	136.1	169.6	202.9	248.2	304.2	366.5	433.3
11.25°	66.9	81.2	99.8	120.4	148.5	182.5	220.9	271.9	331.7	398.9	467.4
10°	70.8	85.2	105.9	126.8	159.6	194.2	237.4	293.6	358.1	428.6	501.0
8.75°	74.2	90.2	111.4	134.4	169.6	205.2	254.5	315.0	383.4	455.2	531.3
7.5°	77.2	94.8	116.1	142.8	178.4	217.5	270.6	333.8	405.6	479.5	558.1
6.25°	79.7	98.7	120.2	149.9	185.8	228.0	284.4	350.3	424.7	501.2	581.1
5°	81.8	101.8	123.5	155.7	192.0	236.7	296.2	365.3	440.4	519.3	600.2
3.75°	83.5	104.3	126.1	160.3	196.8	243.7	306.1	377.0	452.8	533.4	615.2
2.5°	84.7	106.1	128.0	163.6	200.2	249.8	313.2	385.4	461.7	543.6	626.0
1.25°	85.4	107.2	129.1	165.6	202.3	253.5	317.5	390.5	467.1	549.7	632.5
0°	85.6	107.6	129.5	166.3	203.0	254.7	318.9	392.2	468.9	551.8	634.7
-1.25°	85.4	107.2	129.1	165.6	202.3	253.5	317.5	390.5	467.1	549.7	632.5
-2.5°	84.7	106.1	128.0	163.6	200.2	249.8	313.2	385.4	461.7	543.6	626.0
-3.75°	83.5	104.3	126.1	160.3	196.8	243.7	306.1	377.0	452.8	533.4	615.2
-5°	81.8	101.8	123.5	155.7	192.0	236.7	296.2	365.3	440.4	519.3	600.2
-6.25°	79.7	98.7	120.2	149.9	185.8	228.0	284.4	350.3	424.7	501.2	581.1
-7.5°	77.2	94.8	116.1	142.8	178.4	217.5	270.6	333.8	405.6	479.5	558.1
-8.75°	74.2	90.2	111.4	134.4	169.6	205.2	254.5	315.0	383.4	455.2	531.3
-10°	70.8	85.2	105.9	126.8	159.6	194.2	237.4	293.6	358.1	428.6	501.0
-11.25°	66.9	81.2	99.8	120.4	148.5	182.5	220.9	271.9	331.7	398.9	467.4
-12.5°	62.6	76.7	93.1	113.3	136.1	169.6	202.9	248.2	304.2	366.5	433.3
-13.75°	58.0	71.9	85.7	105.6	125.4	155.6	188.2	226.4	276.0	333.0	396.4
-15°	53.8	66.6	80.2	97.3	116.8	140.4	172.4	204.3	247.1	299.5	357.0
-16.25°	50.4	60.9	74.3	88.4	107.5	126.3	155.5	186.4	221.5	266.6	318.6
-17.5°	46.8	55.0	68.0	81.0	97.6	116.1	137.6	167.7	197.4	234.6	280.7
-18.75°	43.0	51.1	61.4	74.1	87.2	105.3	123.1	148.1	177.0	206.2	243.7
-20°	38.9	46.8	54.7	66.8	79.2	93.9	111.3	128.4	155.7	183.3	212.7
-21.25°	35.4	42.4	50.1	59.2	71.3	83.1	99.0	115.6	133.6	160.3	186.4



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	32.7	37.8	45.4	52.8	63.1	74.6	86.2	102.4	118.2	136.6	161.8
-23.75°	29.9	34.4	40.4	47.7	54.8	65.8	76.9	88.7	104.1	119.1	136.6
-25°	27.0	31.4	35.7	42.4	49.3	56.7	67.5	78.0	89.5	104.1	118.2
-26.25°	24.3	28.3	32.5	36.9	43.7	50.3	57.8	68.0	78.0	88.7	102.4
-27.5°	22.3	25.1	29.2	33.3	37.8	44.3	50.7	57.8	67.5	76.9	86.2
-28.75°	20.1	22.9	25.8	29.8	33.7	38.2	44.3	50.3	56.7	65.8	74.6
-30°	18.0	20.6	23.2	26.2	30.0	33.7	37.8	43.7	49.3	54.8	63.1
-31.25°	16.4	18.3	20.9	23.4	26.2	29.8	33.3	36.9	42.4	47.7	52.8
-32.5°	15.1	16.5	18.4	20.9	23.2	25.8	29.2	32.5	35.7	40.4	45.4
-33.75°	13.7	15.1	16.5	18.3	20.6	22.9	25.1	28.3	31.4	34.4	37.8
-35°	12.6	13.7	15.1	16.4	18.0	20.1	22.3	24.3	27.0	29.9	32.7
-36.25°	11.8	12.5	13.5	14.9	16.1	17.4	19.4	21.4	23.4	25.3	28.0
-37.5°	11.1	11.8	12.4	13.3	14.5	15.7	16.9	18.5	20.4	22.2	23.9
-38.75°	10.4	11.0	11.6	12.3	12.9	14.0	15.2	16.3	17.4	19.1	20.7
-40°	9.9	10.3	10.8	11.4	12.0	12.6	13.4	14.5	15.5	16.5	17.6
-41.25°	9.4	9.8	10.2	10.6	11.2	11.7	12.3	12.8	13.7	14.7	15.6
-42.5°	9.1	9.3	9.7	10.0	10.4	10.8	11.4	11.9	12.4	12.8	13.7
-43.75°	9.1	9.1	9.1	9.5	9.8	10.2	10.5	11.0	11.4	11.9	12.3
-45°	9.1	9.1	9.1	9.1	9.3	9.6	9.9	10.2	10.5	10.9	11.3
-46.25°	8.9	9.1	9.1	9.1	9.1	9.1	9.3	9.6	9.9	10.2	10.4
-47.5°	8.7	8.8	9.0	9.1	9.1	9.1	9.1	9.1	9.3	9.5	9.8
-48.75°	8.4	8.5	8.7	8.9	9.0	9.1	9.1	9.1	9.1	9.1	9.1
-50°	8.1	8.2	8.4	8.6	8.7	8.9	9.0	9.1	9.1	9.1	9.1
-51.25°	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	9.0	9.1	9.1
-52.5°	7.6	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.9
-53.75°	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.4	8.5
-55°	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2
-56.25°	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.6	7.7	7.8	7.8
-57.5°	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5
-58.75°	6.1	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2
-60°	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7	6.8
-61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.3	6.4	6.5
-62.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
-63.75°	5.7	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-65°	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.1
-66.25°	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.9
-67.5°	4.7	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.5
-68.75°	4.5	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.2
-70°	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.8
-71.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-72.5°	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-73.75°	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-75°	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2
-76.25°	3.4	3.4	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.9
-77.5°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4
77.5°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
76.25°	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
75°	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4
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	4.5	4.5	4.5	4.5	4.5	4.5
71.25°	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
70°	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
68.75°	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6
67.5°	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0
66.25°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
63.75°	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4
62.5°	6.2	6.3	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7
61.25°	6.6	6.6	6.7	6.7	6.8	6.9	6.9	7.0	7.0	7.0	7.1
60°	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.4	7.5
58.75°	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8
57.5°	7.6	7.7	7.8	7.8	7.9	8.0	8.0	8.1	8.1	8.1	8.2
56.25°	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6
55°	8.2	8.3	8.4	8.5	8.6	8.7	8.7	8.8	8.9	8.9	9.0
53.75°	8.6	8.7	8.8	8.9	9.0	9.0	9.1	9.1	9.1	9.1	9.1
52.5°	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
51.25°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.3	9.4	9.5
50°	9.1	9.1	9.1	9.3	9.5	9.6	9.8	9.9	10.0	10.2	10.3
48.75°	9.4	9.6	9.8	10.0	10.2	10.3	10.5	10.7	10.9	11.1	11.2
47.5°	10.0	10.2	10.5	10.7	11.0	11.3	11.5	11.8	12.0	12.2	12.3
46.25°	10.7	11.1	11.4	11.8	12.1	12.4	12.6	12.9	13.3	13.7	14.0
45°	11.7	12.1	12.5	12.8	13.4	13.9	14.5	15.0	15.4	15.8	16.2
43.75°	12.7	13.3	14.1	14.8	15.4	16.0	16.6	17.1	17.7	18.5	19.1
42.5°	14.5	15.3	16.1	16.8	17.6	18.6	19.6	20.6	21.4	22.1	22.8
41.25°	16.5	17.3	18.6	19.9	21.1	22.2	23.2	24.2	25.0	26.2	27.3
40°	19.1	20.6	22.0	23.3	24.5	26.0	27.6	29.1	30.5	31.7	32.8
38.75°	22.3	23.9	25.5	27.5	29.5	31.3	33.0	34.5	35.9	37.7	39.6
37.5°	25.8	28.2	30.5	32.6	34.6	36.6	39.5	42.2	44.6	46.8	48.8
36.25°	30.6	33.1	35.4	38.5	42.0	45.2	48.2	51.0	53.6	56.3	59.5
35°	35.4	38.9	43.0	46.8	50.4	53.8	58.0	62.6	66.9	70.8	74.2



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	42.4	46.8	51.1	55.0	60.9	66.6	71.9	76.7	81.2	85.2	90.2
32.5°	50.1	54.7	61.4	68.0	74.3	80.2	85.7	93.1	99.8	105.9	111.4
31.25°	59.2	66.8	74.1	81.0	88.4	97.3	105.6	113.3	120.4	126.8	134.4
30°	71.3	79.2	87.2	97.6	107.5	116.8	125.4	136.1	148.5	159.6	169.6
28.75°	83.1	93.9	105.3	116.1	126.3	140.4	155.6	169.6	182.5	194.2	205.2
27.5°	99.0	111.3	123.1	137.6	155.5	172.4	188.2	202.9	220.9	237.4	254.5
26.25°	115.6	128.4	148.1	167.7	186.4	204.3	226.4	248.2	271.9	293.6	315.0
25°	133.6	155.7	177.0	197.4	221.5	247.1	276.0	304.2	331.7	358.1	383.4
23.75°	160.3	183.3	206.2	234.6	266.6	299.5	333.0	366.5	398.9	428.6	455.2
22.5°	186.4	212.7	243.7	280.7	318.6	357.0	396.4	433.3	467.4	501.0	531.3
21.25°	214.9	249.3	289.2	331.6	375.6	419.2	460.5	501.6	540.4	575.9	607.9
20°	249.3	292.1	338.1	386.8	434.7	481.2	527.9	571.8	612.6	651.8	689.6
18.75°	289.2	338.1	390.6	442.4	494.2	545.7	594.6	641.4	689.3	733.4	773.4
17.5°	331.6	386.8	442.4	498.5	554.7	608.5	662.7	716.7	767.2	813.9	859.8
16.25°	375.6	434.7	494.2	554.7	613.2	673.4	733.3	790.1	845.7	899.8	949.2
15°	419.2	481.2	545.7	608.5	673.4	738.9	801.8	865.5	927.2	984.6	1037.6
13.75°	460.5	527.9	594.6	662.7	733.3	801.8	872.2	941.0	1006.4	1067.8	1122.9
12.5°	501.6	571.8	641.4	716.7	790.1	865.5	941.0	1013.8	1082.8	1146.2	1202.2
11.25°	540.4	612.6	689.3	767.2	845.7	927.2	1006.4	1082.8	1153.7	1218.0	1271.4
10°	575.9	651.8	733.4	813.9	899.8	984.6	1067.8	1146.2	1218.0	1279.0	1331.0
8.75°	607.9	689.6	773.4	859.8	949.2	1037.6	1122.9	1202.2	1271.4	1331.0	1381.2
7.5°	636.4	723.0	808.9	901.2	993.5	1084.7	1171.2	1249.3	1316.8	1374.5	1423.7
6.25°	663.6	751.9	841.6	937.1	1032.3	1125.3	1212.7	1288.9	1354.7	1410.7	1459.9
5°	686.2	775.9	869.7	967.1	1064.8	1158.7	1244.7	1319.5	1384.0	1440.0	1489.9
3.75°	704.0	794.9	891.8	991.0	1090.0	1184.5	1269.7	1344.2	1407.0	1462.8	1512.4
2.5°	716.8	808.6	907.9	1008.4	1108.3	1203.4	1287.9	1360.3	1423.0	1479.3	1529.2
1.25°	724.6	816.8	917.6	1019.0	1119.4	1214.9	1297.9	1370.0	1432.8	1489.5	1539.1
0°	727.2	819.6	920.9	1022.5	1123.1	1218.7	1301.3	1373.3	1436.1	1492.9	1542.4
-1.25°	724.6	816.8	917.6	1019.0	1119.4	1214.9	1297.9	1370.0	1432.8	1489.5	1539.1
-2.5°	716.8	808.6	907.9	1008.4	1108.3	1203.4	1287.9	1360.3	1423.0	1479.3	1529.2
-3.75°	704.0	794.9	891.8	991.0	1090.0	1184.5	1269.7	1344.2	1407.0	1462.8	1512.4
-5°	686.2	775.9	869.7	967.1	1064.8	1158.7	1244.7	1319.5	1384.0	1440.0	1489.9
-6.25°	663.6	751.9	841.6	937.1	1032.3	1125.3	1212.7	1288.9	1354.7	1410.7	1459.9
-7.5°	636.4	723.0	808.9	901.2	993.5	1084.7	1171.2	1249.3	1316.8	1374.5	1423.7
-8.75°	607.9	689.6	773.4	859.8	949.2	1037.6	1122.9	1202.2	1271.4	1331.0	1381.2
-10°	575.9	651.8	733.4	813.9	899.8	984.6	1067.8	1146.2	1218.0	1279.0	1331.0
-11.25°	540.4	612.6	689.3	767.2	845.7	927.2	1006.4	1082.8	1153.7	1218.0	1271.4
-12.5°	501.6	571.8	641.4	716.7	790.1	865.5	941.0	1013.8	1082.8	1146.2	1202.2
-13.75°	460.5	527.9	594.6	662.7	733.3	801.8	872.2	941.0	1006.4	1067.8	1122.9
-15°	419.2	481.2	545.7	608.5	673.4	738.9	801.8	865.5	927.2	984.6	1037.6
-16.25°	375.6	434.7	494.2	554.7	613.2	673.4	733.3	790.1	845.7	899.8	949.2
-17.5°	331.6	386.8	442.4	498.5	554.7	608.5	662.7	716.7	767.2	813.9	859.8
-18.75°	289.2	338.1	390.6	442.4	494.2	545.7	594.6	641.4	689.3	733.4	773.4
-20°	249.3	292.1	338.1	386.8	434.7	481.2	527.9	571.8	612.6	651.8	689.6
-21.25°	214.9	249.3	289.2	331.6	375.6	419.2	460.5	501.6	540.4	575.9	607.9



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	186.4	212.7	243.7	280.7	318.6	357.0	396.4	433.3	467.4	501.0	531.3
-23.75°	160.3	183.3	206.2	234.6	266.6	299.5	333.0	366.5	398.9	428.6	455.2
-25°	133.6	155.7	177.0	197.4	221.5	247.1	276.0	304.2	331.7	358.1	383.4
-26.25°	115.6	128.4	148.1	167.7	186.4	204.3	226.4	248.2	271.9	293.6	315.0
-27.5°	99.0	111.3	123.1	137.6	155.5	172.4	188.2	202.9	220.9	237.4	254.5
-28.75°	83.1	93.9	105.3	116.1	126.3	140.4	155.6	169.6	182.5	194.2	205.2
-30°	71.3	79.2	87.2	97.6	107.5	116.8	125.4	136.1	148.5	159.6	169.6
-31.25°	59.2	66.8	74.1	81.0	88.4	97.3	105.6	113.3	120.4	126.8	134.4
-32.5°	50.1	54.7	61.4	68.0	74.3	80.2	85.7	93.1	99.8	105.9	111.4
-33.75°	42.4	46.8	51.1	55.0	60.9	66.6	71.9	76.7	81.2	85.2	90.2
-35°	35.4	38.9	43.0	46.8	50.4	53.8	58.0	62.6	66.9	70.8	74.2
-36.25°	30.6	33.1	35.4	38.5	42.0	45.2	48.2	51.0	53.6	56.3	59.5
-37.5°	25.8	28.2	30.5	32.6	34.6	36.6	39.5	42.2	44.6	46.8	48.8
-38.75°	22.3	23.9	25.5	27.5	29.5	31.3	33.0	34.5	35.9	37.7	39.6
-40°	19.1	20.6	22.0	23.3	24.5	26.0	27.6	29.1	30.5	31.7	32.8
-41.25°	16.5	17.3	18.6	19.9	21.1	22.2	23.2	24.2	25.0	26.2	27.3
-42.5°	14.5	15.3	16.1	16.8	17.6	18.6	19.6	20.6	21.4	22.1	22.8
-43.75°	12.7	13.3	14.1	14.8	15.4	16.0	16.6	17.1	17.7	18.5	19.1
-45°	11.7	12.1	12.5	12.8	13.4	13.9	14.5	15.0	15.4	15.8	16.2
-46.25°	10.7	11.1	11.4	11.8	12.1	12.4	12.6	12.9	13.3	13.7	14.0
-47.5°	10.0	10.2	10.5	10.7	11.0	11.3	11.5	11.8	12.0	12.2	12.3
-48.75°	9.4	9.6	9.8	10.0	10.2	10.3	10.5	10.7	10.9	11.1	11.2
-50°	9.1	9.1	9.1	9.3	9.5	9.6	9.8	9.9	10.0	10.2	10.3
-51.25°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.3	9.4	9.5
-52.5°	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-53.75°	8.6	8.7	8.8	8.9	9.0	9.0	9.1	9.1	9.1	9.1	9.1
-55°	8.2	8.3	8.4	8.5	8.6	8.7	8.7	8.8	8.9	8.9	9.0
-56.25°	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6
-57.5°	7.6	7.7	7.8	7.8	7.9	8.0	8.0	8.1	8.1	8.1	8.2
-58.75°	7.3	7.3	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8
-60°	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.4	7.5
-61.25°	6.6	6.6	6.7	6.7	6.8	6.9	6.9	7.0	7.0	7.0	7.1
-62.5°	6.2	6.3	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7
-63.75°	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-66.25°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0
-68.75°	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6
-70°	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
-71.25°	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8
-72.5°	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	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-75°	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4
-76.25°	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
-77.5°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
77.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
76.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1
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	4.5	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	4.5	4.5	4.5	4.5	4.5	4.5
71.25°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
68.75°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
67.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
63.75°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
62.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
61.25°	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
60°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
58.75°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
57.5°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
56.25°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
55°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
53.75°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
52.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
51.25°	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.7
50°	10.4	10.4	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5
48.75°	11.4	11.5	11.6	11.7	11.7	11.7	11.8	11.7	11.7	11.7	11.6
47.5°	12.5	12.6	12.7	12.8	12.9	12.9	12.9	12.9	12.9	12.8	12.7
46.25°	14.3	14.6	14.8	14.9	15.1	15.1	15.2	15.1	15.1	14.9	14.8
45°	16.5	16.8	17.0	17.2	17.3	17.4	17.4	17.4	17.3	17.2	17.0
43.75°	19.7	20.1	20.5	20.8	21.0	21.2	21.2	21.2	21.0	20.8	20.5
42.5°	23.4	23.9	24.3	24.6	24.8	25.0	25.0	25.0	24.8	24.6	24.3
41.25°	28.2	28.9	29.6	30.1	30.4	30.6	30.7	30.6	30.4	30.1	29.6
40°	33.8	34.6	35.2	35.7	36.1	36.3	36.4	36.3	36.1	35.7	35.2
38.75°	41.3	42.7	43.8	44.7	45.3	45.7	45.9	45.7	45.3	44.7	43.8
37.5°	50.5	52.0	53.2	54.1	54.8	55.2	55.3	55.2	54.8	54.1	53.2
36.25°	62.4	64.9	66.9	68.4	69.5	70.2	70.5	70.2	69.5	68.4	66.9
35°	77.2	79.7	81.8	83.5	84.7	85.4	85.6	85.4	84.7	83.5	81.8



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	94.8	98.7	101.8	104.3	106.1	107.2	107.6	107.2	106.1	104.3	101.8
32.5°	116.1	120.2	123.5	126.1	128.0	129.1	129.5	129.1	128.0	126.1	123.5
31.25°	142.8	149.9	155.7	160.3	163.6	165.6	166.3	165.6	163.6	160.3	155.7
30°	178.4	185.8	192.0	196.8	200.2	202.3	203.0	202.3	200.2	196.8	192.0
28.75°	217.5	228.0	236.7	243.7	249.8	253.5	254.7	253.5	249.8	243.7	236.7
27.5°	270.6	284.4	296.2	306.1	313.2	317.5	318.9	317.5	313.2	306.1	296.2
26.25°	333.8	350.3	365.3	377.0	385.4	390.5	392.2	390.5	385.4	377.0	365.3
25°	405.6	424.7	440.4	452.8	461.7	467.1	468.9	467.1	461.7	452.8	440.4
23.75°	479.5	501.2	519.3	533.4	543.6	549.7	551.8	549.7	543.6	533.4	519.3
22.5°	558.1	581.1	600.2	615.2	626.0	632.5	634.7	632.5	626.0	615.2	600.2
21.25°	636.4	663.6	686.2	704.0	716.8	724.6	727.2	724.6	716.8	704.0	686.2
20°	723.0	751.9	775.9	794.9	808.6	816.8	819.6	816.8	808.6	794.9	775.9
18.75°	808.9	841.6	869.7	891.8	907.9	917.6	920.9	917.6	907.9	891.8	869.7
17.5°	901.2	937.1	967.1	991.0	1008.4	1019.0	1022.5	1019.0	1008.4	991.0	967.1
16.25°	993.5	1032.3	1064.8	1090.0	1108.3	1119.4	1123.1	1119.4	1108.3	1090.0	1064.8
15°	1084.7	1125.3	1158.7	1184.5	1203.4	1214.9	1218.7	1214.9	1203.4	1184.5	1158.7
13.75°	1171.2	1212.7	1244.7	1269.7	1287.9	1297.9	1301.3	1297.9	1287.9	1269.7	1244.7
12.5°	1249.3	1288.9	1319.5	1344.2	1360.3	1370.0	1373.3	1370.0	1360.3	1344.2	1319.5
11.25°	1316.8	1354.7	1384.0	1407.0	1423.0	1432.8	1436.1	1432.8	1423.0	1407.0	1384.0
10°	1374.5	1410.7	1440.0	1462.8	1479.3	1489.5	1492.9	1489.5	1479.3	1462.8	1440.0
8.75°	1423.7	1459.9	1489.9	1512.4	1529.2	1539.1	1542.4	1539.1	1529.2	1512.4	1489.9
7.5°	1466.5	1502.9	1532.9	1556.1	1573.0	1581.9	1585.0	1581.9	1573.0	1556.1	1532.9
6.25°	1502.9	1539.4	1570.3	1591.3	1604.8	1611.6	1614.0	1611.6	1604.8	1591.3	1570.3
5°	1532.9	1570.3	1597.7	1614.0	1622.4	1626.3	1627.7	1626.3	1622.4	1614.0	1597.7
3.75°	1556.1	1591.3	1614.0	1625.0	1628.1	1628.3	1627.4	1628.3	1628.1	1625.0	1614.0
2.5°	1573.0	1604.8	1622.4	1628.1	1626.4	1623.2	1622.1	1623.2	1626.4	1628.1	1622.4
1.25°	1581.9	1611.6	1626.3	1628.3	1623.2	1620.5	1621.3	1620.5	1623.2	1628.3	1626.3
0°	1585.0	1614.0	1627.7	1627.4	1622.1	1621.3	1625.5	1621.3	1622.1	1627.4	1627.7
-1.25°	1581.9	1611.6	1626.3	1628.3	1623.2	1620.5	1621.3	1620.5	1623.2	1628.3	1626.3
-2.5°	1573.0	1604.8	1622.4	1628.1	1626.4	1623.2	1622.1	1623.2	1626.4	1628.1	1622.4
-3.75°	1556.1	1591.3	1614.0	1625.0	1628.1	1628.3	1627.4	1628.3	1628.1	1625.0	1614.0
-5°	1532.9	1570.3	1597.7	1614.0	1622.4	1626.3	1627.7	1626.3	1622.4	1614.0	1597.7
-6.25°	1502.9	1539.4	1570.3	1591.3	1604.8	1611.6	1614.0	1611.6	1604.8	1591.3	1570.3
-7.5°	1466.5	1502.9	1532.9	1556.1	1573.0	1581.9	1585.0	1581.9	1573.0	1556.1	1532.9
-8.75°	1423.7	1459.9	1489.9	1512.4	1529.2	1539.1	1542.4	1539.1	1529.2	1512.4	1489.9
-10°	1374.5	1410.7	1440.0	1462.8	1479.3	1489.5	1492.9	1489.5	1479.3	1462.8	1440.0
-11.25°	1316.8	1354.7	1384.0	1407.0	1423.0	1432.8	1436.1	1432.8	1423.0	1407.0	1384.0
-12.5°	1249.3	1288.9	1319.5	1344.2	1360.3	1370.0	1373.3	1370.0	1360.3	1344.2	1319.5
-13.75°	1171.2	1212.7	1244.7	1269.7	1287.9	1297.9	1301.3	1297.9	1287.9	1269.7	1244.7
-15°	1084.7	1125.3	1158.7	1184.5	1203.4	1214.9	1218.7	1214.9	1203.4	1184.5	1158.7
-16.25°	993.5	1032.3	1064.8	1090.0	1108.3	1119.4	1123.1	1119.4	1108.3	1090.0	1064.8
-17.5°	901.2	937.1	967.1	991.0	1008.4	1019.0	1022.5	1019.0	1008.4	991.0	967.1
-18.75°	808.9	841.6	869.7	891.8	907.9	917.6	920.9	917.6	907.9	891.8	869.7
-20°	723.0	751.9	775.9	794.9	808.6	816.8	819.6	816.8	808.6	794.9	775.9
-21.25°	636.4	663.6	686.2	704.0	716.8	724.6	727.2	724.6	716.8	704.0	686.2



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	558.1	581.1	600.2	615.2	626.0	632.5	634.7	632.5	626.0	615.2	600.2
-23.75°	479.5	501.2	519.3	533.4	543.6	549.7	551.8	549.7	543.6	533.4	519.3
-25°	405.6	424.7	440.4	452.8	461.7	467.1	468.9	467.1	461.7	452.8	440.4
-26.25°	333.8	350.3	365.3	377.0	385.4	390.5	392.2	390.5	385.4	377.0	365.3
-27.5°	270.6	284.4	296.2	306.1	313.2	317.5	318.9	317.5	313.2	306.1	296.2
-28.75°	217.5	228.0	236.7	243.7	249.8	253.5	254.7	253.5	249.8	243.7	236.7
-30°	178.4	185.8	192.0	196.8	200.2	202.3	203.0	202.3	200.2	196.8	192.0
-31.25°	142.8	149.9	155.7	160.3	163.6	165.6	166.3	165.6	163.6	160.3	155.7
-32.5°	116.1	120.2	123.5	126.1	128.0	129.1	129.5	129.1	128.0	126.1	123.5
-33.75°	94.8	98.7	101.8	104.3	106.1	107.2	107.6	107.2	106.1	104.3	101.8
-35°	77.2	79.7	81.8	83.5	84.7	85.4	85.6	85.4	84.7	83.5	81.8
-36.25°	62.4	64.9	66.9	68.4	69.5	70.2	70.5	70.2	69.5	68.4	66.9
-37.5°	50.5	52.0	53.2	54.1	54.8	55.2	55.3	55.2	54.8	54.1	53.2
-38.75°	41.3	42.7	43.8	44.7	45.3	45.7	45.9	45.7	45.3	44.7	43.8
-40°	33.8	34.6	35.2	35.7	36.1	36.3	36.4	36.3	36.1	35.7	35.2
-41.25°	28.2	28.9	29.6	30.1	30.4	30.6	30.7	30.6	30.4	30.1	29.6
-42.5°	23.4	23.9	24.3	24.6	24.8	25.0	25.0	25.0	24.8	24.6	24.3
-43.75°	19.7	20.1	20.5	20.8	21.0	21.2	21.2	21.2	21.0	20.8	20.5
-45°	16.5	16.8	17.0	17.2	17.3	17.4	17.4	17.4	17.3	17.2	17.0
-46.25°	14.3	14.6	14.8	14.9	15.1	15.1	15.2	15.1	15.1	14.9	14.8
-47.5°	12.5	12.6	12.7	12.8	12.9	12.9	12.9	12.9	12.9	12.8	12.7
-48.75°	11.4	11.5	11.6	11.7	11.7	11.7	11.8	11.7	11.7	11.7	11.6
-50°	10.4	10.4	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5
-51.25°	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.7
-52.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-53.75°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-55°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-56.25°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-57.5°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-58.75°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
-60°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-61.25°	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
-62.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-63.75°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-68.75°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-70°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-71.25°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-72.5°	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	4.5	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°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1
-77.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
77.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
76.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9
75°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3
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	4.5	4.5	4.5	4.5	4.5	4.5
71.25°	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6
70°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
68.75°	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3
67.5°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7
66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
63.75°	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.1
62.5°	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.4
61.25°	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7
60°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.2	7.2	7.1	7.0
58.75°	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4
57.5°	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.8
56.25°	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1
55°	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.4
53.75°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8
52.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
51.25°	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.1
50°	10.4	10.4	10.3	10.2	10.0	9.9	9.8	9.6	9.5	9.3	9.1
48.75°	11.5	11.4	11.2	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8
47.5°	12.6	12.5	12.3	12.2	12.0	11.8	11.5	11.3	11.0	10.7	10.5
46.25°	14.6	14.3	14.0	13.7	13.3	12.9	12.6	12.4	12.1	11.8	11.4
45°	16.8	16.5	16.2	15.8	15.4	15.0	14.5	13.9	13.4	12.8	12.5
43.75°	20.1	19.7	19.1	18.5	17.7	17.1	16.6	16.0	15.4	14.8	14.1
42.5°	23.9	23.4	22.8	22.1	21.4	20.6	19.6	18.6	17.6	16.8	16.1
41.25°	28.9	28.2	27.3	26.2	25.0	24.2	23.2	22.2	21.1	19.9	18.6
40°	34.6	33.8	32.8	31.7	30.5	29.1	27.6	26.0	24.5	23.3	22.0
38.75°	42.7	41.3	39.6	37.7	35.9	34.5	33.0	31.3	29.5	27.5	25.5
37.5°	52.0	50.5	48.8	46.8	44.6	42.2	39.5	36.6	34.6	32.6	30.5
36.25°	64.9	62.4	59.5	56.3	53.6	51.0	48.2	45.2	42.0	38.5	35.4
35°	79.7	77.2	74.2	70.8	66.9	62.6	58.0	53.8	50.4	46.8	43.0



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	98.7	94.8	90.2	85.2	81.2	76.7	71.9	66.6	60.9	55.0	51.1
32.5°	120.2	116.1	111.4	105.9	99.8	93.1	85.7	80.2	74.3	68.0	61.4
31.25°	149.9	142.8	134.4	126.8	120.4	113.3	105.6	97.3	88.4	81.0	74.1
30°	185.8	178.4	169.6	159.6	148.5	136.1	125.4	116.8	107.5	97.6	87.2
28.75°	228.0	217.5	205.2	194.2	182.5	169.6	155.6	140.4	126.3	116.1	105.3
27.5°	284.4	270.6	254.5	237.4	220.9	202.9	188.2	172.4	155.5	137.6	123.1
26.25°	350.3	333.8	315.0	293.6	271.9	248.2	226.4	204.3	186.4	167.7	148.1
25°	424.7	405.6	383.4	358.1	331.7	304.2	276.0	247.1	221.5	197.4	177.0
23.75°	501.2	479.5	455.2	428.6	398.9	366.5	333.0	299.5	266.6	234.6	206.2
22.5°	581.1	558.1	531.3	501.0	467.4	433.3	396.4	357.0	318.6	280.7	243.7
21.25°	663.6	636.4	607.9	575.9	540.4	501.6	460.5	419.2	375.6	331.6	289.2
20°	751.9	723.0	689.6	651.8	612.6	571.8	527.9	481.2	434.7	386.8	338.1
18.75°	841.6	808.9	773.4	733.4	689.3	641.4	594.6	545.7	494.2	442.4	390.6
17.5°	937.1	901.2	859.8	813.9	767.2	716.7	662.7	608.5	554.7	498.5	442.4
16.25°	1032.3	993.5	949.2	899.8	845.7	790.1	733.3	673.4	613.2	554.7	494.2
15°	1125.3	1084.7	1037.6	984.6	927.2	865.5	801.8	738.9	673.4	608.5	545.7
13.75°	1212.7	1171.2	1122.9	1067.8	1006.4	941.0	872.2	801.8	733.3	662.7	594.6
12.5°	1288.9	1249.3	1202.2	1146.2	1082.8	1013.8	941.0	865.5	790.1	716.7	641.4
11.25°	1354.7	1316.8	1271.4	1218.0	1153.7	1082.8	1006.4	927.2	845.7	767.2	689.3
10°	1410.7	1374.5	1331.0	1279.0	1218.0	1146.2	1067.8	984.6	899.8	813.9	733.4
8.75°	1459.9	1423.7	1381.2	1331.0	1271.4	1202.2	1122.9	1037.6	949.2	859.8	773.4
7.5°	1502.9	1466.5	1423.7	1374.5	1316.8	1249.3	1171.2	1084.7	993.5	901.2	808.9
6.25°	1539.4	1502.9	1459.9	1410.7	1354.7	1288.9	1212.7	1125.3	1032.3	937.1	841.6
5°	1570.3	1532.9	1489.9	1440.0	1384.0	1319.5	1244.7	1158.7	1064.8	967.1	869.7
3.75°	1591.3	1556.1	1512.4	1462.8	1407.0	1344.2	1269.7	1184.5	1090.0	991.0	891.8
2.5°	1604.8	1573.0	1529.2	1479.3	1423.0	1360.3	1287.9	1203.4	1108.3	1008.4	907.9
1.25°	1611.6	1581.9	1539.1	1489.5	1432.8	1370.0	1297.9	1214.9	1119.4	1019.0	917.6
0°	1614.0	1585.0	1542.4	1492.9	1436.1	1373.3	1301.3	1218.7	1123.1	1022.5	920.9
-1.25°	1611.6	1581.9	1539.1	1489.5	1432.8	1370.0	1297.9	1214.9	1119.4	1019.0	917.6
-2.5°	1604.8	1573.0	1529.2	1479.3	1423.0	1360.3	1287.9	1203.4	1108.3	1008.4	907.9
-3.75°	1591.3	1556.1	1512.4	1462.8	1407.0	1344.2	1269.7	1184.5	1090.0	991.0	891.8
-5°	1570.3	1532.9	1489.9	1440.0	1384.0	1319.5	1244.7	1158.7	1064.8	967.1	869.7
-6.25°	1539.4	1502.9	1459.9	1410.7	1354.7	1288.9	1212.7	1125.3	1032.3	937.1	841.6
-7.5°	1502.9	1466.5	1423.7	1374.5	1316.8	1249.3	1171.2	1084.7	993.5	901.2	808.9
-8.75°	1459.9	1423.7	1381.2	1331.0	1271.4	1202.2	1122.9	1037.6	949.2	859.8	773.4
-10°	1410.7	1374.5	1331.0	1279.0	1218.0	1146.2	1067.8	984.6	899.8	813.9	733.4
-11.25°	1354.7	1316.8	1271.4	1218.0	1153.7	1082.8	1006.4	927.2	845.7	767.2	689.3
-12.5°	1288.9	1249.3	1202.2	1146.2	1082.8	1013.8	941.0	865.5	790.1	716.7	641.4
-13.75°	1212.7	1171.2	1122.9	1067.8	1006.4	941.0	872.2	801.8	733.3	662.7	594.6
-15°	1125.3	1084.7	1037.6	984.6	927.2	865.5	801.8	738.9	673.4	608.5	545.7
-16.25°	1032.3	993.5	949.2	899.8	845.7	790.1	733.3	673.4	613.2	554.7	494.2
-17.5°	937.1	901.2	859.8	813.9	767.2	716.7	662.7	608.5	554.7	498.5	442.4
-18.75°	841.6	808.9	773.4	733.4	689.3	641.4	594.6	545.7	494.2	442.4	390.6
-20°	751.9	723.0	689.6	651.8	612.6	571.8	527.9	481.2	434.7	386.8	338.1
-21.25°	663.6	636.4	607.9	575.9	540.4	501.6	460.5	419.2	375.6	331.6	289.2



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	581.1	558.1	531.3	501.0	467.4	433.3	396.4	357.0	318.6	280.7	243.7
-23.75°	501.2	479.5	455.2	428.6	398.9	366.5	333.0	299.5	266.6	234.6	206.2
-25°	424.7	405.6	383.4	358.1	331.7	304.2	276.0	247.1	221.5	197.4	177.0
-26.25°	350.3	333.8	315.0	293.6	271.9	248.2	226.4	204.3	186.4	167.7	148.1
-27.5°	284.4	270.6	254.5	237.4	220.9	202.9	188.2	172.4	155.5	137.6	123.1
-28.75°	228.0	217.5	205.2	194.2	182.5	169.6	155.6	140.4	126.3	116.1	105.3
-30°	185.8	178.4	169.6	159.6	148.5	136.1	125.4	116.8	107.5	97.6	87.2
-31.25°	149.9	142.8	134.4	126.8	120.4	113.3	105.6	97.3	88.4	81.0	74.1
-32.5°	120.2	116.1	111.4	105.9	99.8	93.1	85.7	80.2	74.3	68.0	61.4
-33.75°	98.7	94.8	90.2	85.2	81.2	76.7	71.9	66.6	60.9	55.0	51.1
-35°	79.7	77.2	74.2	70.8	66.9	62.6	58.0	53.8	50.4	46.8	43.0
-36.25°	64.9	62.4	59.5	56.3	53.6	51.0	48.2	45.2	42.0	38.5	35.4
-37.5°	52.0	50.5	48.8	46.8	44.6	42.2	39.5	36.6	34.6	32.6	30.5
-38.75°	42.7	41.3	39.6	37.7	35.9	34.5	33.0	31.3	29.5	27.5	25.5
-40°	34.6	33.8	32.8	31.7	30.5	29.1	27.6	26.0	24.5	23.3	22.0
-41.25°	28.9	28.2	27.3	26.2	25.0	24.2	23.2	22.2	21.1	19.9	18.6
-42.5°	23.9	23.4	22.8	22.1	21.4	20.6	19.6	18.6	17.6	16.8	16.1
-43.75°	20.1	19.7	19.1	18.5	17.7	17.1	16.6	16.0	15.4	14.8	14.1
-45°	16.8	16.5	16.2	15.8	15.4	15.0	14.5	13.9	13.4	12.8	12.5
-46.25°	14.6	14.3	14.0	13.7	13.3	12.9	12.6	12.4	12.1	11.8	11.4
-47.5°	12.6	12.5	12.3	12.2	12.0	11.8	11.5	11.3	11.0	10.7	10.5
-48.75°	11.5	11.4	11.2	11.1	10.9	10.7	10.5	10.3	10.2	10.0	9.8
-50°	10.4	10.4	10.3	10.2	10.0	9.9	9.8	9.6	9.5	9.3	9.1
-51.25°	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.1	9.1	9.1	9.1
-52.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-53.75°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8
-55°	9.0	9.0	9.0	8.9	8.9	8.8	8.7	8.7	8.6	8.5	8.4
-56.25°	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2	8.2	8.1
-57.5°	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.8
-58.75°	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4
-60°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.2	7.2	7.1	7.0
-61.25°	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7
-62.5°	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.4
-63.75°	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.1
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7
-68.75°	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3
-70°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
-71.25°	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6
-72.5°	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	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-75°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3
-76.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9
-77.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9
77.5°	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2
76.25°	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5
75°	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8
73.75°	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4
71.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5
68.75°	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.6
67.5°	5.6	5.6	5.5	5.5	5.4	5.3	5.2	5.2	5.1	5.0	4.9
66.25°	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.3	5.3
65°	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6
63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
62.5°	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	6.6	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1
60°	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1
58.75°	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4
57.5°	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.6
56.25°	8.0	7.9	7.8	7.8	7.7	7.6	7.4	7.3	7.2	7.1	6.9
55°	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.3
53.75°	8.7	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.7	7.6
52.5°	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1	8.0	7.8
51.25°	9.1	9.1	9.1	9.1	9.0	8.8	8.7	8.6	8.4	8.3	8.1
50°	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.7	8.6	8.4
48.75°	9.6	9.4	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.7
47.5°	10.2	10.0	9.8	9.5	9.3	9.1	9.1	9.1	9.1	9.1	9.0
46.25°	11.1	10.7	10.4	10.2	9.9	9.6	9.3	9.1	9.1	9.1	9.1
45°	12.1	11.7	11.3	10.9	10.5	10.2	9.9	9.6	9.3	9.1	9.1
43.75°	13.3	12.7	12.3	11.9	11.4	11.0	10.5	10.2	9.8	9.5	9.1
42.5°	15.3	14.5	13.7	12.8	12.4	11.9	11.4	10.8	10.4	10.0	9.7
41.25°	17.3	16.5	15.6	14.7	13.7	12.8	12.3	11.7	11.2	10.6	10.2
40°	20.6	19.1	17.6	16.5	15.5	14.5	13.4	12.6	12.0	11.4	10.8
38.75°	23.9	22.3	20.7	19.1	17.4	16.3	15.2	14.0	12.9	12.3	11.6
37.5°	28.2	25.8	23.9	22.2	20.4	18.5	16.9	15.7	14.5	13.3	12.4
36.25°	33.1	30.6	28.0	25.3	23.4	21.4	19.4	17.4	16.1	14.9	13.5
35°	38.9	35.4	32.7	29.9	27.0	24.3	22.3	20.1	18.0	16.4	15.1



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	46.8	42.4	37.8	34.4	31.4	28.3	25.1	22.9	20.6	18.3	16.5
32.5°	54.7	50.1	45.4	40.4	35.7	32.5	29.2	25.8	23.2	20.9	18.4
31.25°	66.8	59.2	52.8	47.7	42.4	36.9	33.3	29.8	26.2	23.4	20.9
30°	79.2	71.3	63.1	54.8	49.3	43.7	37.8	33.7	30.0	26.2	23.2
28.75°	93.9	83.1	74.6	65.8	56.7	50.3	44.3	38.2	33.7	29.8	25.8
27.5°	111.3	99.0	86.2	76.9	67.5	57.8	50.7	44.3	37.8	33.3	29.2
26.25°	128.4	115.6	102.4	88.7	78.0	68.0	57.8	50.3	43.7	36.9	32.5
25°	155.7	133.6	118.2	104.1	89.5	78.0	67.5	56.7	49.3	42.4	35.7
23.75°	183.3	160.3	136.6	119.1	104.1	88.7	76.9	65.8	54.8	47.7	40.4
22.5°	212.7	186.4	161.8	136.6	118.2	102.4	86.2	74.6	63.1	52.8	45.4
21.25°	249.3	214.9	186.4	160.3	133.6	115.6	99.0	83.1	71.3	59.2	50.1
20°	292.1	249.3	212.7	183.3	155.7	128.4	111.3	93.9	79.2	66.8	54.7
18.75°	338.1	289.2	243.7	206.2	177.0	148.1	123.1	105.3	87.2	74.1	61.4
17.5°	386.8	331.6	280.7	234.6	197.4	167.7	137.6	116.1	97.6	81.0	68.0
16.25°	434.7	375.6	318.6	266.6	221.5	186.4	155.5	126.3	107.5	88.4	74.3
15°	481.2	419.2	357.0	299.5	247.1	204.3	172.4	140.4	116.8	97.3	80.2
13.75°	527.9	460.5	396.4	333.0	276.0	226.4	188.2	155.6	125.4	105.6	85.7
12.5°	571.8	501.6	433.3	366.5	304.2	248.2	202.9	169.6	136.1	113.3	93.1
11.25°	612.6	540.4	467.4	398.9	331.7	271.9	220.9	182.5	148.5	120.4	99.8
10°	651.8	575.9	501.0	428.6	358.1	293.6	237.4	194.2	159.6	126.8	105.9
8.75°	689.6	607.9	531.3	455.2	383.4	315.0	254.5	205.2	169.6	134.4	111.4
7.5°	723.0	636.4	558.1	479.5	405.6	333.8	270.6	217.5	178.4	142.8	116.1
6.25°	751.9	663.6	581.1	501.2	424.7	350.3	284.4	228.0	185.8	149.9	120.2
5°	775.9	686.2	600.2	519.3	440.4	365.3	296.2	236.7	192.0	155.7	123.5
3.75°	794.9	704.0	615.2	533.4	452.8	377.0	306.1	243.7	196.8	160.3	126.1
2.5°	808.6	716.8	626.0	543.6	461.7	385.4	313.2	249.8	200.2	163.6	128.0
1.25°	816.8	724.6	632.5	549.7	467.1	390.5	317.5	253.5	202.3	165.6	129.1
0°	819.6	727.2	634.7	551.8	468.9	392.2	318.9	254.7	203.0	166.3	129.5
-1.25°	816.8	724.6	632.5	549.7	467.1	390.5	317.5	253.5	202.3	165.6	129.1
-2.5°	808.6	716.8	626.0	543.6	461.7	385.4	313.2	249.8	200.2	163.6	128.0
-3.75°	794.9	704.0	615.2	533.4	452.8	377.0	306.1	243.7	196.8	160.3	126.1
-5°	775.9	686.2	600.2	519.3	440.4	365.3	296.2	236.7	192.0	155.7	123.5
-6.25°	751.9	663.6	581.1	501.2	424.7	350.3	284.4	228.0	185.8	149.9	120.2
-7.5°	723.0	636.4	558.1	479.5	405.6	333.8	270.6	217.5	178.4	142.8	116.1
-8.75°	689.6	607.9	531.3	455.2	383.4	315.0	254.5	205.2	169.6	134.4	111.4
-10°	651.8	575.9	501.0	428.6	358.1	293.6	237.4	194.2	159.6	126.8	105.9
-11.25°	612.6	540.4	467.4	398.9	331.7	271.9	220.9	182.5	148.5	120.4	99.8
-12.5°	571.8	501.6	433.3	366.5	304.2	248.2	202.9	169.6	136.1	113.3	93.1
-13.75°	527.9	460.5	396.4	333.0	276.0	226.4	188.2	155.6	125.4	105.6	85.7
-15°	481.2	419.2	357.0	299.5	247.1	204.3	172.4	140.4	116.8	97.3	80.2
-16.25°	434.7	375.6	318.6	266.6	221.5	186.4	155.5	126.3	107.5	88.4	74.3
-17.5°	386.8	331.6	280.7	234.6	197.4	167.7	137.6	116.1	97.6	81.0	68.0
-18.75°	338.1	289.2	243.7	206.2	177.0	148.1	123.1	105.3	87.2	74.1	61.4
-20°	292.1	249.3	212.7	183.3	155.7	128.4	111.3	93.9	79.2	66.8	54.7
-21.25°	249.3	214.9	186.4	160.3	133.6	115.6	99.0	83.1	71.3	59.2	50.1



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	212.7	186.4	161.8	136.6	118.2	102.4	86.2	74.6	63.1	52.8	45.4
-23.75°	183.3	160.3	136.6	119.1	104.1	88.7	76.9	65.8	54.8	47.7	40.4
-25°	155.7	133.6	118.2	104.1	89.5	78.0	67.5	56.7	49.3	42.4	35.7
-26.25°	128.4	115.6	102.4	88.7	78.0	68.0	57.8	50.3	43.7	36.9	32.5
-27.5°	111.3	99.0	86.2	76.9	67.5	57.8	50.7	44.3	37.8	33.3	29.2
-28.75°	93.9	83.1	74.6	65.8	56.7	50.3	44.3	38.2	33.7	29.8	25.8
-30°	79.2	71.3	63.1	54.8	49.3	43.7	37.8	33.7	30.0	26.2	23.2
-31.25°	66.8	59.2	52.8	47.7	42.4	36.9	33.3	29.8	26.2	23.4	20.9
-32.5°	54.7	50.1	45.4	40.4	35.7	32.5	29.2	25.8	23.2	20.9	18.4
-33.75°	46.8	42.4	37.8	34.4	31.4	28.3	25.1	22.9	20.6	18.3	16.5
-35°	38.9	35.4	32.7	29.9	27.0	24.3	22.3	20.1	18.0	16.4	15.1
-36.25°	33.1	30.6	28.0	25.3	23.4	21.4	19.4	17.4	16.1	14.9	13.5
-37.5°	28.2	25.8	23.9	22.2	20.4	18.5	16.9	15.7	14.5	13.3	12.4
-38.75°	23.9	22.3	20.7	19.1	17.4	16.3	15.2	14.0	12.9	12.3	11.6
-40°	20.6	19.1	17.6	16.5	15.5	14.5	13.4	12.6	12.0	11.4	10.8
-41.25°	17.3	16.5	15.6	14.7	13.7	12.8	12.3	11.7	11.2	10.6	10.2
-42.5°	15.3	14.5	13.7	12.8	12.4	11.9	11.4	10.8	10.4	10.0	9.7
-43.75°	13.3	12.7	12.3	11.9	11.4	11.0	10.5	10.2	9.8	9.5	9.1
-45°	12.1	11.7	11.3	10.9	10.5	10.2	9.9	9.6	9.3	9.1	9.1
-46.25°	11.1	10.7	10.4	10.2	9.9	9.6	9.3	9.1	9.1	9.1	9.1
-47.5°	10.2	10.0	9.8	9.5	9.3	9.1	9.1	9.1	9.1	9.1	9.0
-48.75°	9.6	9.4	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.7
-50°	9.1	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.7	8.6	8.4
-51.25°	9.1	9.1	9.1	9.1	9.0	8.8	8.7	8.6	8.4	8.3	8.1
-52.5°	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1	8.0	7.8
-53.75°	8.7	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.7	7.6
-55°	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.3
-56.25°	8.0	7.9	7.8	7.8	7.7	7.6	7.4	7.3	7.2	7.1	6.9
-57.5°	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.6
-58.75°	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4
-60°	7.0	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1
-61.25°	6.6	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1
-62.5°	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
-65°	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6
-66.25°	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.3	5.3
-67.5°	5.6	5.6	5.5	5.5	5.4	5.3	5.2	5.2	5.1	5.0	4.9
-68.75°	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.6
-70°	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.5	4.5
-71.25°	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	4.5	4.5	4.5	4.5	4.5	4.4
-73.75°	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1
-75°	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8
-76.25°	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5
-77.5°	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	3.2	3.2	3.1	3.1	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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°	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6
76.25°	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8
75°	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1
73.75°	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4
72.5°	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6
71.25°	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.1
68.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4
67.5°	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5
66.25°	5.2	5.1	5.0	4.9	4.8	4.7	4.5	4.5	4.5	4.5	4.5
65°	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.5	4.5
63.75°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7	4.6
62.5°	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0	4.9
61.25°	6.1	6.1	6.1	6.1	6.0	5.8	5.7	5.5	5.4	5.3	5.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.8	5.7	5.5	5.4
58.75°	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.6
57.5°	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.0	5.9
56.25°	6.8	6.7	6.6	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1
55°	7.1	7.0	6.8	6.7	6.5	6.4	6.3	6.1	6.1	6.1	6.1
53.75°	7.4	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.1
52.5°	7.7	7.6	7.4	7.2	7.1	6.9	6.7	6.6	6.4	6.2	6.1
51.25°	8.0	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.5	6.3
50°	8.2	8.1	7.9	7.8	7.6	7.4	7.2	7.1	6.9	6.7	6.5
48.75°	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7
47.5°	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.3	7.1	6.9
46.25°	9.1	8.9	8.7	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1
45°	9.1	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4
43.75°	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2	8.0	7.8	7.6
42.5°	9.3	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2	8.0	7.8
41.25°	9.8	9.4	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2	8.0
40°	10.3	9.9	9.5	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2
38.75°	11.0	10.4	10.0	9.5	9.1	9.1	9.1	9.1	8.9	8.6	8.3
37.5°	11.8	11.1	10.5	10.0	9.5	9.1	9.1	9.1	9.1	8.8	8.5
36.25°	12.5	11.8	11.1	10.5	10.0	9.5	9.1	9.1	9.1	9.0	8.7
35°	13.7	12.6	11.8	11.1	10.4	9.9	9.4	9.1	9.1	9.1	8.9



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	15.1	13.7	12.5	11.8	11.0	10.3	9.8	9.3	9.1	9.1	9.1
32.5°	16.5	15.1	13.5	12.4	11.6	10.8	10.2	9.7	9.1	9.1	9.1
31.25°	18.3	16.4	14.9	13.3	12.3	11.4	10.6	10.0	9.5	9.1	9.1
30°	20.6	18.0	16.1	14.5	12.9	12.0	11.2	10.4	9.8	9.3	9.1
28.75°	22.9	20.1	17.4	15.7	14.0	12.6	11.7	10.8	10.2	9.6	9.1
27.5°	25.1	22.3	19.4	16.9	15.2	13.4	12.3	11.4	10.5	9.9	9.3
26.25°	28.3	24.3	21.4	18.5	16.3	14.5	12.8	11.9	11.0	10.2	9.6
25°	31.4	27.0	23.4	20.4	17.4	15.5	13.7	12.4	11.4	10.5	9.9
23.75°	34.4	29.9	25.3	22.2	19.1	16.5	14.7	12.8	11.9	10.9	10.2
22.5°	37.8	32.7	28.0	23.9	20.7	17.6	15.6	13.7	12.3	11.3	10.4
21.25°	42.4	35.4	30.6	25.8	22.3	19.1	16.5	14.5	12.7	11.7	10.7
20°	46.8	38.9	33.1	28.2	23.9	20.6	17.3	15.3	13.3	12.1	11.1
18.75°	51.1	43.0	35.4	30.5	25.5	22.0	18.6	16.1	14.1	12.5	11.4
17.5°	55.0	46.8	38.5	32.6	27.5	23.3	19.9	16.8	14.8	12.8	11.8
16.25°	60.9	50.4	42.0	34.6	29.5	24.5	21.1	17.6	15.4	13.4	12.1
15°	66.6	53.8	45.2	36.6	31.3	26.0	22.2	18.6	16.0	13.9	12.4
13.75°	71.9	58.0	48.2	39.5	33.0	27.6	23.2	19.6	16.6	14.5	12.6
12.5°	76.7	62.6	51.0	42.2	34.5	29.1	24.2	20.6	17.1	15.0	12.9
11.25°	81.2	66.9	53.6	44.6	35.9	30.5	25.0	21.4	17.7	15.4	13.3
10°	85.2	70.8	56.3	46.8	37.7	31.7	26.2	22.1	18.5	15.8	13.7
8.75°	90.2	74.2	59.5	48.8	39.6	32.8	27.3	22.8	19.1	16.2	14.0
7.5°	94.8	77.2	62.4	50.5	41.3	33.8	28.2	23.4	19.7	16.5	14.3
6.25°	98.7	79.7	64.9	52.0	42.7	34.6	28.9	23.9	20.1	16.8	14.6
5°	101.8	81.8	66.9	53.2	43.8	35.2	29.6	24.3	20.5	17.0	14.8
3.75°	104.3	83.5	68.4	54.1	44.7	35.7	30.1	24.6	20.8	17.2	14.9
2.5°	106.1	84.7	69.5	54.8	45.3	36.1	30.4	24.8	21.0	17.3	15.1
1.25°	107.2	85.4	70.2	55.2	45.7	36.3	30.6	25.0	21.2	17.4	15.1
0°	107.6	85.6	70.5	55.3	45.9	36.4	30.7	25.0	21.2	17.4	15.2
-1.25°	107.2	85.4	70.2	55.2	45.7	36.3	30.6	25.0	21.2	17.4	15.1
-2.5°	106.1	84.7	69.5	54.8	45.3	36.1	30.4	24.8	21.0	17.3	15.1
-3.75°	104.3	83.5	68.4	54.1	44.7	35.7	30.1	24.6	20.8	17.2	14.9
-5°	101.8	81.8	66.9	53.2	43.8	35.2	29.6	24.3	20.5	17.0	14.8
-6.25°	98.7	79.7	64.9	52.0	42.7	34.6	28.9	23.9	20.1	16.8	14.6
-7.5°	94.8	77.2	62.4	50.5	41.3	33.8	28.2	23.4	19.7	16.5	14.3
-8.75°	90.2	74.2	59.5	48.8	39.6	32.8	27.3	22.8	19.1	16.2	14.0
-10°	85.2	70.8	56.3	46.8	37.7	31.7	26.2	22.1	18.5	15.8	13.7
-11.25°	81.2	66.9	53.6	44.6	35.9	30.5	25.0	21.4	17.7	15.4	13.3
-12.5°	76.7	62.6	51.0	42.2	34.5	29.1	24.2	20.6	17.1	15.0	12.9
-13.75°	71.9	58.0	48.2	39.5	33.0	27.6	23.2	19.6	16.6	14.5	12.6
-15°	66.6	53.8	45.2	36.6	31.3	26.0	22.2	18.6	16.0	13.9	12.4
-16.25°	60.9	50.4	42.0	34.6	29.5	24.5	21.1	17.6	15.4	13.4	12.1
-17.5°	55.0	46.8	38.5	32.6	27.5	23.3	19.9	16.8	14.8	12.8	11.8
-18.75°	51.1	43.0	35.4	30.5	25.5	22.0	18.6	16.1	14.1	12.5	11.4
-20°	46.8	38.9	33.1	28.2	23.9	20.6	17.3	15.3	13.3	12.1	11.1
-21.25°	42.4	35.4	30.6	25.8	22.3	19.1	16.5	14.5	12.7	11.7	10.7



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	37.8	32.7	28.0	23.9	20.7	17.6	15.6	13.7	12.3	11.3	10.4
-23.75°	34.4	29.9	25.3	22.2	19.1	16.5	14.7	12.8	11.9	10.9	10.2
-25°	31.4	27.0	23.4	20.4	17.4	15.5	13.7	12.4	11.4	10.5	9.9
-26.25°	28.3	24.3	21.4	18.5	16.3	14.5	12.8	11.9	11.0	10.2	9.6
-27.5°	25.1	22.3	19.4	16.9	15.2	13.4	12.3	11.4	10.5	9.9	9.3
-28.75°	22.9	20.1	17.4	15.7	14.0	12.6	11.7	10.8	10.2	9.6	9.1
-30°	20.6	18.0	16.1	14.5	12.9	12.0	11.2	10.4	9.8	9.3	9.1
-31.25°	18.3	16.4	14.9	13.3	12.3	11.4	10.6	10.0	9.5	9.1	9.1
-32.5°	16.5	15.1	13.5	12.4	11.6	10.8	10.2	9.7	9.1	9.1	9.1
-33.75°	15.1	13.7	12.5	11.8	11.0	10.3	9.8	9.3	9.1	9.1	9.1
-35°	13.7	12.6	11.8	11.1	10.4	9.9	9.4	9.1	9.1	9.1	8.9
-36.25°	12.5	11.8	11.1	10.5	10.0	9.5	9.1	9.1	9.1	9.0	8.7
-37.5°	11.8	11.1	10.5	10.0	9.5	9.1	9.1	9.1	9.1	8.8	8.5
-38.75°	11.0	10.4	10.0	9.5	9.1	9.1	9.1	9.1	8.9	8.6	8.3
-40°	10.3	9.9	9.5	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2
-41.25°	9.8	9.4	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2	8.0
-42.5°	9.3	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2	8.0	7.8
-43.75°	9.1	9.1	9.1	9.1	8.9	8.7	8.4	8.2	8.0	7.8	7.6
-45°	9.1	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4
-46.25°	9.1	8.9	8.7	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1
-47.5°	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.3	7.1	6.9
-48.75°	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7
-50°	8.2	8.1	7.9	7.8	7.6	7.4	7.2	7.1	6.9	6.7	6.5
-51.25°	8.0	7.8	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.5	6.3
-52.5°	7.7	7.6	7.4	7.2	7.1	6.9	6.7	6.6	6.4	6.2	6.1
-53.75°	7.4	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.2	6.1	6.1
-55°	7.1	7.0	6.8	6.7	6.5	6.4	6.3	6.1	6.1	6.1	6.1
-56.25°	6.8	6.7	6.6	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1
-57.5°	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.0	5.9
-58.75°	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.6
-60°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.8	5.7	5.5	5.4
-61.25°	6.1	6.1	6.1	6.1	6.0	5.8	5.7	5.5	5.4	5.3	5.1
-62.5°	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0	4.9
-63.75°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7	4.6
-65°	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.5	4.5
-66.25°	5.2	5.1	5.0	4.9	4.8	4.7	4.5	4.5	4.5	4.5	4.5
-67.5°	4.8	4.7	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-68.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4
-70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.1
-71.25°	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	3.9
-72.5°	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.8	3.7	3.6
-73.75°	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4
-75°	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1
-76.25°	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8
-77.5°	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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°	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.5
72.5°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
71.25°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
70°	4.0	3.9	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0
68.75°	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.1
67.5°	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3
66.25°	4.5	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5
65°	4.5	4.5	4.5	4.5	4.5	4.4	4.2	4.1	4.0	3.8	3.7
63.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.1	4.0	3.9
62.5°	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.2	4.0
61.25°	5.0	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.2
60°	5.2	5.1	4.9	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.4
58.75°	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.5	4.5	4.5	4.5
57.5°	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.5	4.5	4.5	4.5
56.25°	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.5	4.5
55°	6.1	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5	4.5
53.75°	6.1	6.1	6.0	5.9	5.7	5.4	5.2	5.0	4.8	4.6	4.5
52.5°	6.1	6.1	6.1	6.1	5.9	5.7	5.4	5.2	5.0	4.8	4.6
51.25°	6.1	6.1	6.1	6.1	6.1	5.9	5.6	5.4	5.2	5.0	4.7
50°	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.6	5.4	5.1	4.9
48.75°	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.1
47.5°	6.7	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.7	5.5	5.2
46.25°	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.1	5.9	5.6	5.4
45°	7.1	6.9	6.7	6.5	6.2	6.1	6.1	6.1	6.0	5.8	5.5
43.75°	7.3	7.1	6.9	6.6	6.4	6.2	6.1	6.1	6.1	5.9	5.7
42.5°	7.6	7.3	7.1	6.8	6.6	6.3	6.1	6.1	6.1	6.1	5.8
41.25°	7.7	7.5	7.2	7.0	6.7	6.5	6.3	6.1	6.1	6.1	6.0
40°	7.9	7.7	7.4	7.2	6.9	6.6	6.4	6.2	6.1	6.1	6.1
38.75°	8.1	7.9	7.6	7.4	7.1	6.8	6.5	6.3	6.1	6.1	6.1
37.5°	8.3	8.0	7.8	7.5	7.2	7.0	6.7	6.4	6.2	6.1	6.1
36.25°	8.5	8.2	7.9	7.7	7.4	7.1	6.8	6.6	6.3	6.1	6.1
35°	8.7	8.4	8.1	7.8	7.6	7.3	7.0	6.7	6.4	6.1	6.1



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	8.8	8.5	8.2	8.0	7.7	7.4	7.1	6.8	6.5	6.3	6.1
32.5°	9.0	8.7	8.4	8.1	7.8	7.6	7.3	6.9	6.6	6.4	6.1
31.25°	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2
30°	9.1	9.0	8.7	8.4	8.1	7.8	7.5	7.2	6.9	6.6	6.3
28.75°	9.1	9.1	8.9	8.6	8.2	7.9	7.7	7.3	7.0	6.7	6.4
27.5°	9.1	9.1	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.5
26.25°	9.1	9.1	9.1	8.8	8.5	8.2	7.9	7.6	7.2	6.9	6.6
25°	9.3	9.1	9.1	9.0	8.6	8.3	8.0	7.7	7.3	7.0	6.6
23.75°	9.5	9.1	9.1	9.1	8.7	8.4	8.1	7.8	7.4	7.1	6.7
22.5°	9.8	9.1	9.1	9.1	8.9	8.5	8.2	7.8	7.5	7.2	6.8
21.25°	10.0	9.4	9.1	9.1	9.0	8.6	8.2	7.9	7.6	7.3	6.9
20°	10.2	9.6	9.1	9.1	9.1	8.7	8.3	8.0	7.7	7.3	7.0
18.75°	10.5	9.8	9.1	9.1	9.1	8.8	8.4	8.1	7.8	7.4	7.0
17.5°	10.7	10.0	9.3	9.1	9.1	8.9	8.5	8.2	7.8	7.5	7.1
16.25°	11.0	10.2	9.5	9.1	9.1	9.0	8.6	8.2	7.9	7.6	7.2
15°	11.3	10.3	9.6	9.1	9.1	9.0	8.7	8.3	8.0	7.6	7.2
13.75°	11.5	10.5	9.8	9.1	9.1	9.1	8.7	8.4	8.0	7.7	7.3
12.5°	11.8	10.7	9.9	9.2	9.1	9.1	8.8	8.4	8.1	7.7	7.4
11.25°	12.0	10.9	10.0	9.3	9.1	9.1	8.9	8.5	8.1	7.8	7.4
10°	12.2	11.1	10.2	9.4	9.1	9.1	8.9	8.5	8.1	7.8	7.4
8.75°	12.3	11.2	10.3	9.5	9.1	9.1	9.0	8.6	8.2	7.8	7.5
7.5°	12.5	11.4	10.4	9.6	9.1	9.1	9.0	8.6	8.2	7.9	7.5
6.25°	12.6	11.5	10.4	9.7	9.1	9.1	9.0	8.6	8.2	7.9	7.5
5°	12.7	11.6	10.5	9.7	9.1	9.1	9.1	8.7	8.3	7.9	7.6
3.75°	12.8	11.7	10.5	9.8	9.1	9.1	9.1	8.7	8.3	7.9	7.6
2.5°	12.9	11.7	10.6	9.8	9.1	9.1	9.1	8.7	8.3	7.9	7.6
1.25°	12.9	11.7	10.6	9.8	9.1	9.1	9.1	8.7	8.3	7.9	7.6
0°	12.9	11.8	10.6	9.9	9.1	9.1	9.1	8.7	8.3	8.0	7.6
-1.25°	12.9	11.7	10.6	9.8	9.1	9.1	9.1	8.7	8.3	7.9	7.6
-2.5°	12.9	11.7	10.6	9.8	9.1	9.1	9.1	8.7	8.3	7.9	7.6
-3.75°	12.8	11.7	10.5	9.8	9.1	9.1	9.1	8.7	8.3	7.9	7.6
-5°	12.7	11.6	10.5	9.7	9.1	9.1	9.1	8.7	8.3	7.9	7.6
-6.25°	12.6	11.5	10.4	9.7	9.1	9.1	9.0	8.6	8.2	7.9	7.5
-7.5°	12.5	11.4	10.4	9.6	9.1	9.1	9.0	8.6	8.2	7.9	7.5
-8.75°	12.3	11.2	10.3	9.5	9.1	9.1	9.0	8.6	8.2	7.8	7.5
-10°	12.2	11.1	10.2	9.4	9.1	9.1	8.9	8.5	8.1	7.8	7.4
-11.25°	12.0	10.9	10.0	9.3	9.1	9.1	8.9	8.5	8.1	7.8	7.4
-12.5°	11.8	10.7	9.9	9.2	9.1	9.1	8.8	8.4	8.1	7.7	7.4
-13.75°	11.5	10.5	9.8	9.1	9.1	9.1	8.7	8.4	8.0	7.7	7.3
-15°	11.3	10.3	9.6	9.1	9.1	9.0	8.7	8.3	8.0	7.6	7.2
-16.25°	11.0	10.2	9.5	9.1	9.1	9.0	8.6	8.2	7.9	7.6	7.2
-17.5°	10.7	10.0	9.3	9.1	9.1	8.9	8.5	8.2	7.8	7.5	7.1
-18.75°	10.5	9.8	9.1	9.1	9.1	8.8	8.4	8.1	7.8	7.4	7.0
-20°	10.2	9.6	9.1	9.1	9.1	8.7	8.3	8.0	7.7	7.3	7.0
-21.25°	10.0	9.4	9.1	9.1	9.0	8.6	8.2	7.9	7.6	7.3	6.9



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	9.8	9.1	9.1	9.1	8.9	8.5	8.2	7.8	7.5	7.2	6.8
-23.75°	9.5	9.1	9.1	9.1	8.7	8.4	8.1	7.8	7.4	7.1	6.7
-25°	9.3	9.1	9.1	9.0	8.6	8.3	8.0	7.7	7.3	7.0	6.6
-26.25°	9.1	9.1	9.1	8.8	8.5	8.2	7.9	7.6	7.2	6.9	6.6
-27.5°	9.1	9.1	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.5
-28.75°	9.1	9.1	8.9	8.6	8.2	7.9	7.7	7.3	7.0	6.7	6.4
-30°	9.1	9.0	8.7	8.4	8.1	7.8	7.5	7.2	6.9	6.6	6.3
-31.25°	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2
-32.5°	9.0	8.7	8.4	8.1	7.8	7.6	7.3	6.9	6.6	6.4	6.1
-33.75°	8.8	8.5	8.2	8.0	7.7	7.4	7.1	6.8	6.5	6.3	6.1
-35°	8.7	8.4	8.1	7.8	7.6	7.3	7.0	6.7	6.4	6.1	6.1
-36.25°	8.5	8.2	7.9	7.7	7.4	7.1	6.8	6.6	6.3	6.1	6.1
-37.5°	8.3	8.0	7.8	7.5	7.2	7.0	6.7	6.4	6.2	6.1	6.1
-38.75°	8.1	7.9	7.6	7.4	7.1	6.8	6.5	6.3	6.1	6.1	6.1
-40°	7.9	7.7	7.4	7.2	6.9	6.6	6.4	6.2	6.1	6.1	6.1
-41.25°	7.7	7.5	7.2	7.0	6.7	6.5	6.3	6.1	6.1	6.1	6.0
-42.5°	7.6	7.3	7.1	6.8	6.6	6.3	6.1	6.1	6.1	6.1	5.8
-43.75°	7.3	7.1	6.9	6.6	6.4	6.2	6.1	6.1	6.1	5.9	5.7
-45°	7.1	6.9	6.7	6.5	6.2	6.1	6.1	6.1	6.0	5.8	5.5
-46.25°	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.1	5.9	5.6	5.4
-47.5°	6.7	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.7	5.5	5.2
-48.75°	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.1
-50°	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.6	5.4	5.1	4.9
-51.25°	6.1	6.1	6.1	6.1	6.1	5.9	5.6	5.4	5.2	5.0	4.7
-52.5°	6.1	6.1	6.1	6.1	5.9	5.7	5.4	5.2	5.0	4.8	4.6
-53.75°	6.1	6.1	6.0	5.9	5.7	5.4	5.2	5.0	4.8	4.6	4.5
-55°	6.1	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5	4.5
-56.25°	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.5	4.5
-57.5°	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.5	4.5	4.5	4.5
-58.75°	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.5	4.5	4.5	4.5
-60°	5.2	5.1	4.9	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.4
-61.25°	5.0	4.8	4.7	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.2
-62.5°	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.2	4.0
-63.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.1	4.0	3.9
-65°	4.5	4.5	4.5	4.5	4.5	4.4	4.2	4.1	4.0	3.8	3.7
-66.25°	4.5	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5
-67.5°	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3
-68.75°	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.1
-70°	4.0	3.9	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-71.25°	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
-72.5°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-73.75°	3.3	3.2	3.1	3.0	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	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°	3.2	3.1	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9
66.25°	3.4	3.2	3.1	2.9	2.8	2.7	2.6	2.4	2.3	2.1	2.0
65°	3.6	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1
63.75°	3.7	3.6	3.4	3.2	3.1	2.9	2.8	2.6	2.5	2.3	2.2
62.5°	3.9	3.7	3.6	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.3
61.25°	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.4
60°	4.2	4.0	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5
58.75°	4.3	4.2	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.5
57.5°	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
56.25°	4.5	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
55°	4.5	4.5	4.4	4.2	4.0	3.9	3.6	3.4	3.2	3.0	2.8
53.75°	4.5	4.5	4.5	4.4	4.2	4.0	3.8	3.5	3.3	3.1	2.9
52.5°	4.5	4.5	4.5	4.5	4.3	4.1	3.9	3.6	3.4	3.2	2.9
51.25°	4.5	4.5	4.5	4.5	4.4	4.2	4.0	3.8	3.5	3.3	3.0
50°	4.7	4.5	4.5	4.5	4.5	4.3	4.1	3.9	3.6	3.4	3.1
48.75°	4.8	4.6	4.5	4.5	4.5	4.4	4.2	3.9	3.7	3.5	3.2
47.5°	5.0	4.7	4.5	4.5	4.5	4.5	4.3	4.0	3.8	3.6	3.3
46.25°	5.1	4.9	4.6	4.5	4.5	4.5	4.4	4.1	3.9	3.6	3.4
45°	5.3	5.0	4.7	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.5
43.75°	5.4	5.1	4.9	4.6	4.5	4.5	4.5	4.3	4.1	3.8	3.5
42.5°	5.5	5.3	5.0	4.7	4.5	4.5	4.5	4.4	4.1	3.9	3.6
41.25°	5.7	5.4	5.1	4.8	4.5	4.5	4.5	4.5	4.2	4.0	3.7
40°	5.8	5.5	5.2	4.9	4.7	4.5	4.5	4.5	4.3	4.0	3.8
38.75°	6.0	5.7	5.4	5.1	4.8	4.5	4.5	4.5	4.4	4.1	3.8
37.5°	6.1	5.8	5.5	5.2	4.9	4.6	4.5	4.5	4.4	4.2	3.9
36.25°	6.1	5.9	5.6	5.3	5.0	4.7	4.5	4.5	4.5	4.2	4.0
35°	6.1	6.0	5.7	5.4	5.1	4.7	4.5	4.5	4.5	4.3	4.0



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	6.1	6.1	5.8	5.5	5.2	4.8	4.5	4.5	4.5	4.4	4.1
32.5°	6.1	6.1	5.9	5.6	5.3	4.9	4.6	4.5	4.5	4.4	4.1
31.25°	6.1	6.1	6.0	5.7	5.3	5.0	4.7	4.5	4.5	4.5	4.2
30°	6.1	6.1	6.1	5.8	5.4	5.1	4.8	4.5	4.5	4.5	4.2
28.75°	6.1	6.1	6.1	5.9	5.5	5.2	4.8	4.5	4.5	4.5	4.3
27.5°	6.2	6.1	6.1	5.9	5.6	5.2	4.9	4.6	4.5	4.5	4.3
26.25°	6.3	6.1	6.1	6.0	5.7	5.3	5.0	4.6	4.5	4.5	4.4
25°	6.3	6.1	6.1	6.1	5.8	5.4	5.0	4.7	4.5	4.5	4.4
23.75°	6.4	6.1	6.1	6.1	5.8	5.5	5.1	4.7	4.5	4.5	4.5
22.5°	6.5	6.2	6.1	6.1	5.9	5.5	5.2	4.8	4.5	4.5	4.5
21.25°	6.6	6.2	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5	4.5
20°	6.6	6.3	6.1	6.1	6.0	5.6	5.3	4.9	4.5	4.5	4.5
18.75°	6.7	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.6	4.5	4.5
17.5°	6.7	6.4	6.1	6.1	6.1	5.7	5.4	5.0	4.6	4.5	4.5
16.25°	6.8	6.5	6.1	6.1	6.1	5.8	5.4	5.0	4.7	4.5	4.5
15°	6.9	6.5	6.2	6.1	6.1	5.8	5.5	5.1	4.7	4.5	4.5
13.75°	6.9	6.6	6.2	6.1	6.1	5.9	5.5	5.1	4.7	4.5	4.5
12.5°	7.0	6.6	6.3	6.1	6.1	5.9	5.5	5.1	4.8	4.5	4.5
11.25°	7.0	6.6	6.3	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
10°	7.0	6.7	6.3	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
8.75°	7.1	6.7	6.4	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
7.5°	7.1	6.7	6.4	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
6.25°	7.1	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
5°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
3.75°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
2.5°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
1.25°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
0°	7.2	6.8	6.5	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
-1.25°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
-2.5°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
-3.75°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
-5°	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
-6.25°	7.1	6.8	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.5
-7.5°	7.1	6.7	6.4	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
-8.75°	7.1	6.7	6.4	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
-10°	7.0	6.7	6.3	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
-11.25°	7.0	6.6	6.3	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5
-12.5°	7.0	6.6	6.3	6.1	6.1	5.9	5.5	5.1	4.8	4.5	4.5
-13.75°	6.9	6.6	6.2	6.1	6.1	5.9	5.5	5.1	4.7	4.5	4.5
-15°	6.9	6.5	6.2	6.1	6.1	5.8	5.5	5.1	4.7	4.5	4.5
-16.25°	6.8	6.5	6.1	6.1	6.1	5.8	5.4	5.0	4.7	4.5	4.5
-17.5°	6.7	6.4	6.1	6.1	6.1	5.7	5.4	5.0	4.6	4.5	4.5
-18.75°	6.7	6.4	6.1	6.1	6.1	5.7	5.3	4.9	4.6	4.5	4.5
-20°	6.6	6.3	6.1	6.1	6.0	5.6	5.3	4.9	4.5	4.5	4.5
-21.25°	6.6	6.2	6.1	6.1	6.0	5.6	5.2	4.8	4.5	4.5	4.5



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	6.5	6.2	6.1	6.1	5.9	5.5	5.2	4.8	4.5	4.5	4.5
-23.75°	6.4	6.1	6.1	6.1	5.8	5.5	5.1	4.7	4.5	4.5	4.5
-25°	6.3	6.1	6.1	6.1	5.8	5.4	5.0	4.7	4.5	4.5	4.4
-26.25°	6.3	6.1	6.1	6.0	5.7	5.3	5.0	4.6	4.5	4.5	4.4
-27.5°	6.2	6.1	6.1	5.9	5.6	5.2	4.9	4.6	4.5	4.5	4.3
-28.75°	6.1	6.1	6.1	5.9	5.5	5.2	4.8	4.5	4.5	4.5	4.3
-30°	6.1	6.1	6.1	5.8	5.4	5.1	4.8	4.5	4.5	4.5	4.2
-31.25°	6.1	6.1	6.0	5.7	5.3	5.0	4.7	4.5	4.5	4.5	4.2
-32.5°	6.1	6.1	5.9	5.6	5.3	4.9	4.6	4.5	4.5	4.4	4.1
-33.75°	6.1	6.1	5.8	5.5	5.2	4.8	4.5	4.5	4.5	4.4	4.1
-35°	6.1	6.0	5.7	5.4	5.1	4.7	4.5	4.5	4.5	4.3	4.0
-36.25°	6.1	5.9	5.6	5.3	5.0	4.7	4.5	4.5	4.5	4.2	4.0
-37.5°	6.1	5.8	5.5	5.2	4.9	4.6	4.5	4.5	4.4	4.2	3.9
-38.75°	6.0	5.7	5.4	5.1	4.8	4.5	4.5	4.5	4.4	4.1	3.8
-40°	5.8	5.5	5.2	4.9	4.7	4.5	4.5	4.5	4.3	4.0	3.8
-41.25°	5.7	5.4	5.1	4.8	4.5	4.5	4.5	4.5	4.2	4.0	3.7
-42.5°	5.5	5.3	5.0	4.7	4.5	4.5	4.5	4.4	4.1	3.9	3.6
-43.75°	5.4	5.1	4.9	4.6	4.5	4.5	4.5	4.3	4.1	3.8	3.5
-45°	5.3	5.0	4.7	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.5
-46.25°	5.1	4.9	4.6	4.5	4.5	4.5	4.4	4.1	3.9	3.6	3.4
-47.5°	5.0	4.7	4.5	4.5	4.5	4.5	4.3	4.0	3.8	3.6	3.3
-48.75°	4.8	4.6	4.5	4.5	4.5	4.4	4.2	3.9	3.7	3.5	3.2
-50°	4.7	4.5	4.5	4.5	4.5	4.3	4.1	3.9	3.6	3.4	3.1
-51.25°	4.5	4.5	4.5	4.5	4.4	4.2	4.0	3.8	3.5	3.3	3.0
-52.5°	4.5	4.5	4.5	4.5	4.3	4.1	3.9	3.6	3.4	3.2	2.9
-53.75°	4.5	4.5	4.5	4.4	4.2	4.0	3.8	3.5	3.3	3.1	2.9
-55°	4.5	4.5	4.4	4.2	4.0	3.9	3.6	3.4	3.2	3.0	2.8
-56.25°	4.5	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-57.5°	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
-58.75°	4.3	4.2	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.5
-60°	4.2	4.0	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5
-61.25°	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.4
-62.5°	3.9	3.7	3.6	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.3
-63.75°	3.7	3.6	3.4	3.2	3.1	2.9	2.8	2.6	2.5	2.3	2.2
-65°	3.6	3.4	3.2	3.1	2.9	2.8	2.7	2.5	2.4	2.2	2.1
-66.25°	3.4	3.2	3.1	2.9	2.8	2.7	2.6	2.4	2.3	2.1	2.0
-67.5°	3.2	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	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°	3.1	2.8	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.6
45°	3.2	2.9	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
43.75°	3.2	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
42.5°	3.3	3.0	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
41.25°	3.4	3.1	2.8	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
40°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
38.75°	3.5	3.2	2.9	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
37.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
36.25°	3.7	3.3	3.0	2.7	2.5	2.2	1.8	1.5	1.2	0.9	0.6
35°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	3.8	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.0	0.7
32.5°	3.8	3.5	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
31.25°	3.9	3.6	3.2	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
30°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
28.75°	4.0	3.6	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
27.5°	4.0	3.7	3.3	3.0	2.7	2.4	2.0	1.7	1.3	1.0	0.7
26.25°	4.1	3.7	3.4	3.0	2.7	2.4	2.1	1.7	1.4	1.0	0.7
25°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.1	0.7
23.75°	4.1	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.1	0.7
22.5°	4.2	3.9	3.5	3.1	2.8	2.5	2.1	1.7	1.4	1.1	0.7
21.25°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7
20°	4.2	3.9	3.6	3.2	2.8	2.5	2.2	1.8	1.4	1.1	0.8
18.75°	4.3	3.9	3.6	3.2	2.8	2.5	2.2	1.8	1.4	1.1	0.8
17.5°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.8
16.25°	4.3	4.0	3.6	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.8
15°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
13.75°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
12.5°	4.4	4.1	3.7	3.3	2.9	2.6	2.2	1.9	1.5	1.1	0.8
11.25°	4.4	4.1	3.7	3.3	2.9	2.6	2.3	1.9	1.5	1.1	0.8
10°	4.4	4.1	3.7	3.3	3.0	2.6	2.3	1.9	1.5	1.1	0.8
8.75°	4.4	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
7.5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
6.25°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
3.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
2.5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
1.25°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
0°	4.5	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.2	0.8
-1.25°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-2.5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-3.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-6.25°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-7.5°	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-8.75°	4.4	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-10°	4.4	4.1	3.7	3.3	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-11.25°	4.4	4.1	3.7	3.3	2.9	2.6	2.3	1.9	1.5	1.1	0.8
-12.5°	4.4	4.1	3.7	3.3	2.9	2.6	2.2	1.9	1.5	1.1	0.8
-13.75°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
-15°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
-16.25°	4.3	4.0	3.6	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.8
-17.5°	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.8
-18.75°	4.3	3.9	3.6	3.2	2.8	2.5	2.2	1.8	1.4	1.1	0.8
-20°	4.2	3.9	3.6	3.2	2.8	2.5	2.2	1.8	1.4	1.1	0.8
-21.25°	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.7



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	4.2	3.9	3.5	3.1	2.8	2.5	2.1	1.7	1.4	1.1	0.7
-23.75°	4.1	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.1	0.7
-25°	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.1	0.7
-26.25°	4.1	3.7	3.4	3.0	2.7	2.4	2.1	1.7	1.4	1.0	0.7
-27.5°	4.0	3.7	3.3	3.0	2.7	2.4	2.0	1.7	1.3	1.0	0.7
-28.75°	4.0	3.6	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
-30°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-31.25°	3.9	3.6	3.2	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-32.5°	3.8	3.5	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
-33.75°	3.8	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.0	0.7
-35°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7
-36.25°	3.7	3.3	3.0	2.7	2.5	2.2	1.8	1.5	1.2	0.9	0.6
-37.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-38.75°	3.5	3.2	2.9	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-40°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-41.25°	3.4	3.1	2.8	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-42.5°	3.3	3.0	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-43.75°	3.2	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
-45°	3.2	2.9	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
-46.25°	3.1	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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.1	0.0
-80°	0.1	0.0
-81.25°	0.1	0.0
-82.5°	0.1	0.0
-83.75°	0.0	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)