

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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29418)
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]-FL-LED2790-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

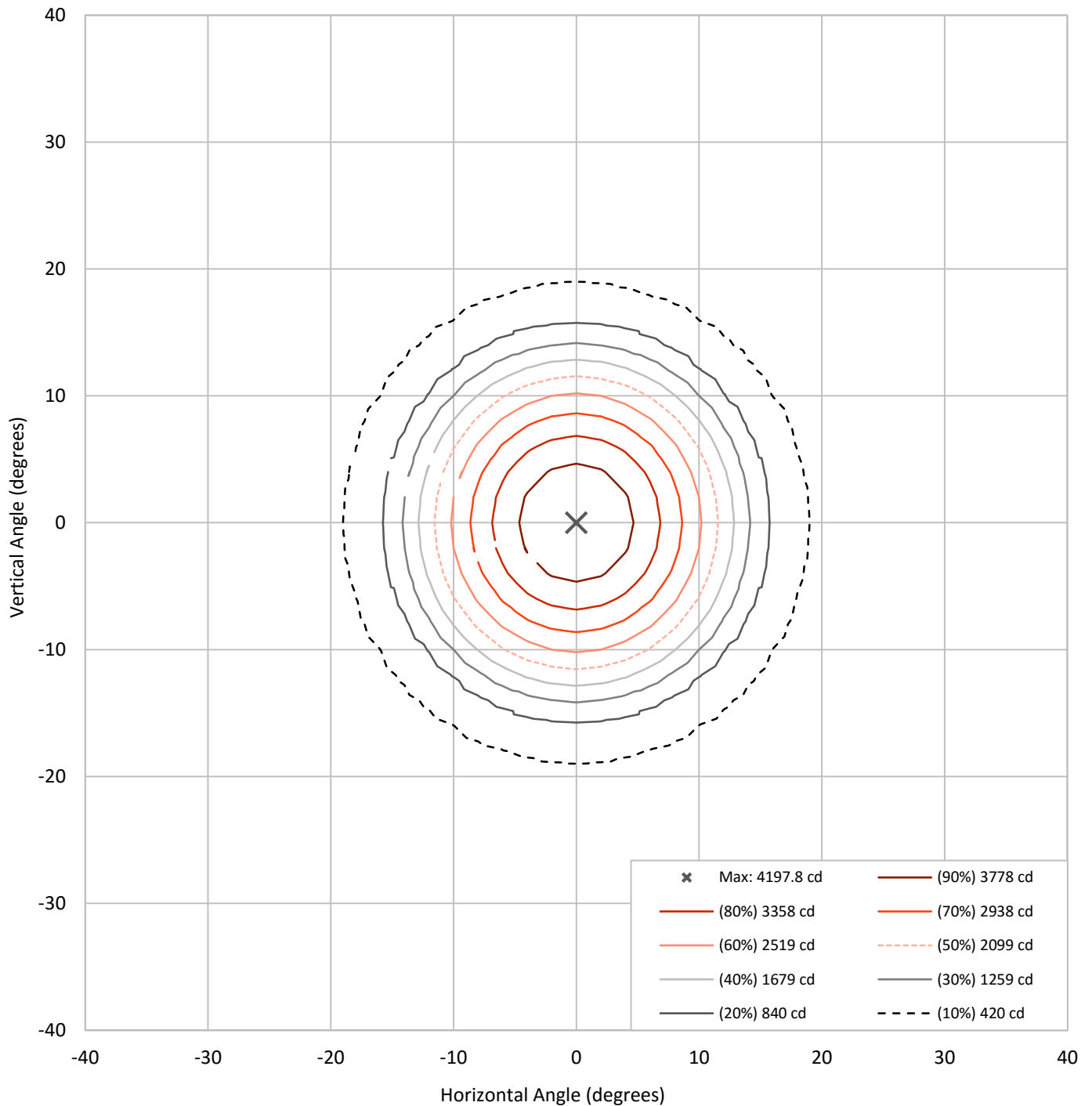
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	767.9 lumens	Max Intensity:	4197.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	391.6 lumens	Field Lumens:	602.2 lumens
Beam Efficiency:	51.0%	Field Efficiency:	78.4%
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





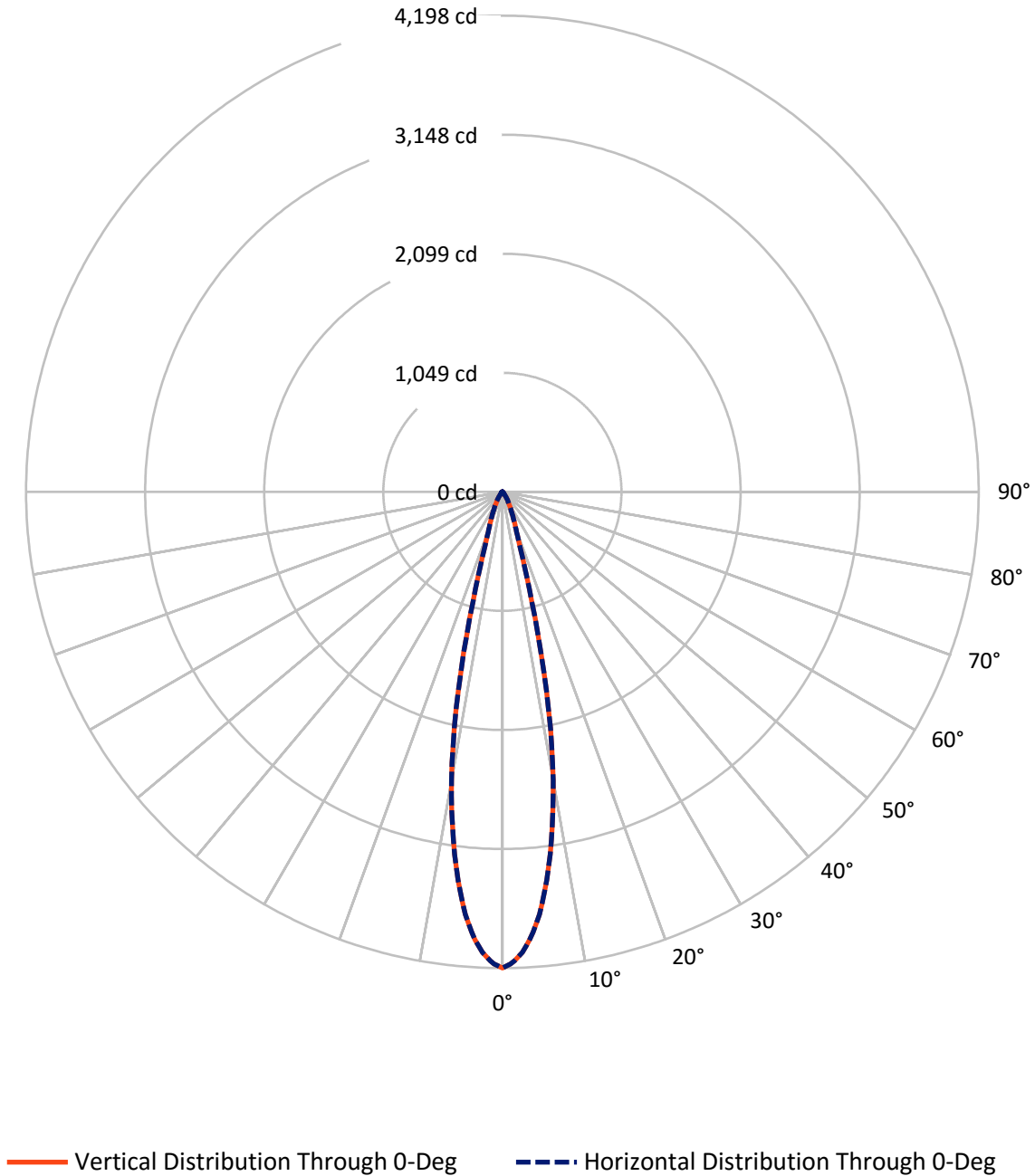
REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																		
80	0.0	0.1		0.1		0.2		0.3		0.2		0.1		0.1		0.0		
70	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	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			
50	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.0		
40		0.1	0.1	0.1	0.2	0.5	1.0	1.6	1.6	1.0	0.5	0.2	0.1	0.1	0.1			
30	0.1	0.1	0.1	0.2	0.4	1.5	3.6	5.7	5.7	3.6	1.5	0.4	0.2	0.1	0.1	0.1		
20		0.1	0.1	0.2	0.9	3.4	10.1	29.1	29.1	10.1	3.4	0.9	0.2	0.1	0.1			
10	0.1	0.1	0.1	0.3	1.3	5.2	28.4	93.7	93.7	28.4	5.2	1.3	0.3	0.1	0.1	0.1		
0		0.1	0.1	0.3	1.3	5.2	28.4	93.7	93.7	28.4	5.2	1.3	0.3	0.1	0.1			
-10	0.1	0.1	0.1	0.2	0.9	3.4	10.1	29.1	29.1	10.1	3.4	0.9	0.2	0.1	0.1	0.1		
-20		0.1	0.1	0.2	0.4	1.5	3.6	5.7	5.7	3.6	1.5	0.4	0.2	0.1	0.1			
-30	0.0	0.1	0.1	0.1	0.2	0.5	1.0	1.6	1.6	1.0	0.5	0.2	0.1	0.1	0.1	0.0		
-40		0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1			
-50	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		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	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	0.1	0.1	0.1	0.1	0.0	0.0		
-80		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0			
-90																		

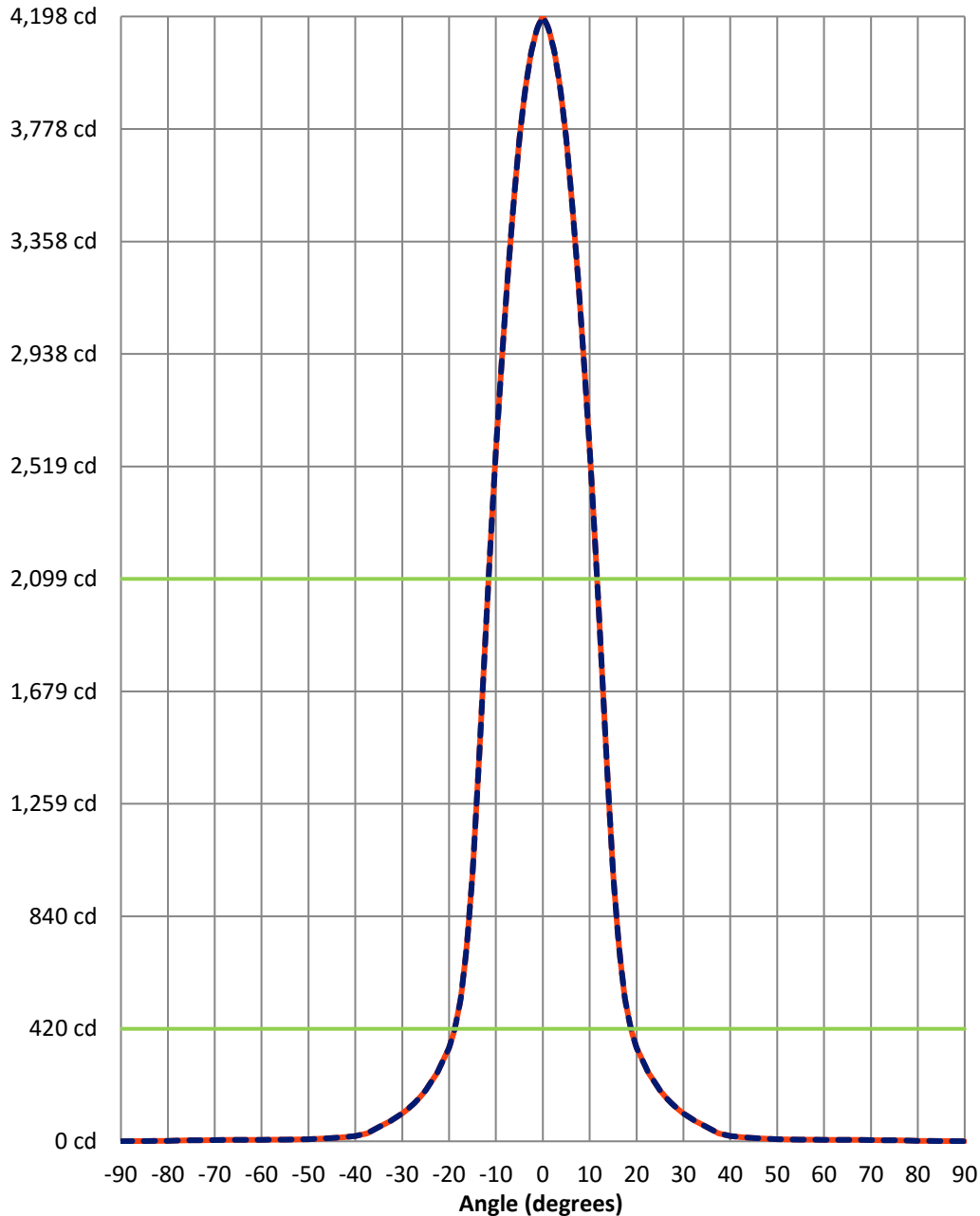
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 391.6
 Efficiency: 51.0%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 602.2
 Efficiency: 78.4%

Spill:
 Lumens: 165.7
 Efficiency: 21.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.7	0.8	0.8	0.9	1.1	1.4	1.5	1.5	1.7
32.5°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.5	1.5	1.5	1.8
31.25°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.5	1.5	1.5	1.9
30°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.5	1.5	1.5	2.0
28.75°	0.0	0.4	0.7	0.8	0.8	0.9	1.2	1.5	1.5	1.5	2.1
27.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.5	1.5	1.5	2.1
26.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.5	1.5	1.5	2.2
25°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.5	1.5	1.6	2.3
23.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.5	1.5	1.7	2.4
22.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.5	1.5	1.7	2.4
21.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.5	1.5	1.8	2.5
20°	0.0	0.4	0.8	0.8	0.8	1.0	1.4	1.5	1.5	1.8	2.5
18.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	1.9	2.6
17.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	1.9	2.6
16.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.0	2.7
15°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.0	2.7
13.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.1	2.8
12.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.1	2.8
11.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.1	2.9
10°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.1	2.9
8.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	2.9
7.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	2.9
6.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
3.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
2.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
1.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
0°	0.0	0.4	0.8	0.8	0.8	1.2	1.5	1.5	1.5	2.3	3.0
-1.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
-2.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
-3.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
-5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
-6.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	3.0
-7.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	2.9
-8.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.2	2.9
-10°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.1	2.9
-11.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.1	2.9
-12.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.1	2.8
-13.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.1	2.8
-15°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.0	2.7
-16.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	2.0	2.7
-17.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	1.9	2.6
-18.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.4	1.5	1.5	1.9	2.6
-20°	0.0	0.4	0.8	0.8	0.8	1.0	1.4	1.5	1.5	1.8	2.5
-21.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.5	1.5	1.8	2.5



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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	2.3	3.0	3.3	3.6	3.8	3.8	3.8	4.1	4.4	4.7	5.0
32.5°	2.4	3.0	3.4	3.7	3.8	3.8	3.9	4.2	4.5	4.8	5.1
31.25°	2.5	3.1	3.4	3.8	3.8	3.8	4.0	4.2	4.5	4.9	5.2
30°	2.6	3.1	3.5	3.8	3.8	3.8	4.0	4.3	4.6	5.0	5.3
28.75°	2.7	3.2	3.5	3.8	3.8	3.8	4.1	4.4	4.7	5.1	5.3
27.5°	2.8	3.2	3.6	3.8	3.8	3.8	4.2	4.5	4.8	5.1	5.3
26.25°	2.9	3.3	3.7	3.8	3.8	3.9	4.2	4.5	4.9	5.2	5.3
25°	3.0	3.3	3.7	3.8	3.8	4.0	4.3	4.6	5.0	5.3	5.3
23.75°	3.0	3.4	3.7	3.8	3.8	4.0	4.3	4.7	5.0	5.3	5.3
22.5°	3.1	3.4	3.8	3.8	3.8	4.1	4.4	4.7	5.1	5.3	5.3
21.25°	3.1	3.5	3.8	3.8	3.8	4.1	4.4	4.8	5.2	5.3	5.3
20°	3.1	3.5	3.8	3.8	3.8	4.1	4.5	4.8	5.2	5.3	5.3
18.75°	3.2	3.5	3.8	3.8	3.9	4.2	4.5	4.9	5.3	5.3	5.3
17.5°	3.2	3.6	3.8	3.8	3.9	4.2	4.6	4.9	5.3	5.3	5.3
16.25°	3.2	3.6	3.8	3.8	3.9	4.3	4.6	5.0	5.3	5.3	5.3
15°	3.2	3.6	3.8	3.8	4.0	4.3	4.7	5.0	5.3	5.3	5.3
13.75°	3.3	3.7	3.8	3.8	4.0	4.3	4.7	5.1	5.3	5.3	5.3
12.5°	3.3	3.7	3.8	3.8	4.0	4.4	4.7	5.1	5.3	5.3	5.3
11.25°	3.3	3.7	3.8	3.8	4.0	4.4	4.8	5.2	5.3	5.3	5.3
10°	3.3	3.7	3.8	3.8	4.1	4.4	4.8	5.2	5.3	5.3	5.3
8.75°	3.3	3.7	3.8	3.8	4.1	4.4	4.8	5.2	5.3	5.3	5.3
7.5°	3.4	3.8	3.8	3.8	4.1	4.5	4.8	5.2	5.3	5.3	5.3
6.25°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
5°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
3.75°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
2.5°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
1.25°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
0°	3.4	3.8	3.8	3.8	4.2	4.5	4.9	5.3	5.3	5.3	5.3
-1.25°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
-2.5°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
-3.75°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
-5°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
-6.25°	3.4	3.8	3.8	3.8	4.1	4.5	4.9	5.3	5.3	5.3	5.3
-7.5°	3.4	3.8	3.8	3.8	4.1	4.5	4.8	5.2	5.3	5.3	5.3
-8.75°	3.3	3.7	3.8	3.8	4.1	4.4	4.8	5.2	5.3	5.3	5.3
-10°	3.3	3.7	3.8	3.8	4.1	4.4	4.8	5.2	5.3	5.3	5.3
-11.25°	3.3	3.7	3.8	3.8	4.0	4.4	4.8	5.2	5.3	5.3	5.3
-12.5°	3.3	3.7	3.8	3.8	4.0	4.4	4.7	5.1	5.3	5.3	5.3
-13.75°	3.3	3.7	3.8	3.8	4.0	4.3	4.7	5.1	5.3	5.3	5.3
-15°	3.2	3.6	3.8	3.8	4.0	4.3	4.7	5.0	5.3	5.3	5.3
-16.25°	3.2	3.6	3.8	3.8	3.9	4.3	4.6	5.0	5.3	5.3	5.3
-17.5°	3.2	3.6	3.8	3.8	3.9	4.2	4.6	4.9	5.3	5.3	5.3
-18.75°	3.2	3.5	3.8	3.8	3.9	4.2	4.5	4.9	5.3	5.3	5.3
-20°	3.1	3.5	3.8	3.8	3.8	4.1	4.5	4.8	5.2	5.3	5.3
-21.25°	3.1	3.5	3.8	3.8	3.8	4.1	4.4	4.8	5.2	5.3	5.3



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



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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	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-81.25°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.7	6.0
32.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.1
31.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.7	6.1	6.1
30°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.1	6.1
28.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.7	6.0	6.1	6.1
27.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.5	5.8	6.1	6.1	6.1
26.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.1	6.1	6.2
25°	5.3	5.3	5.3	5.3	5.3	5.4	5.7	6.1	6.1	6.1	6.3
23.75°	5.3	5.3	5.3	5.3	5.3	5.5	5.8	6.1	6.1	6.1	6.4
22.5°	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.1	6.1	6.2	6.5
21.25°	5.3	5.3	5.3	5.3	5.3	5.7	6.0	6.1	6.1	6.3	6.6
20°	5.3	5.3	5.3	5.3	5.4	5.8	6.1	6.1	6.1	6.4	6.7
18.75°	5.3	5.3	5.3	5.3	5.5	5.9	6.1	6.1	6.2	6.5	6.8
17.5°	5.3	5.3	5.3	5.3	5.6	5.9	6.1	6.1	6.2	6.6	6.9
16.25°	5.3	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.3	6.6	7.0
15°	5.3	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.7	7.1
13.75°	5.3	5.3	5.3	5.4	5.8	6.1	6.1	6.1	6.5	6.8	7.2
12.5°	5.3	5.3	5.3	5.4	5.8	6.1	6.1	6.2	6.5	6.9	7.2
11.25°	5.3	5.3	5.3	5.5	5.9	6.1	6.1	6.2	6.6	6.9	7.3
10°	5.3	5.3	5.3	5.5	5.9	6.1	6.1	6.3	6.6	7.0	7.4
8.75°	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.3	6.7	7.0	7.4
7.5°	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.3	6.7	7.1	7.5
6.25°	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.4	6.7	7.1	7.5
5°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.1	7.5
3.75°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6
2.5°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6
1.25°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6
0°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.5	6.8	7.2	7.6
-1.25°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6
-2.5°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6
-3.75°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6
-5°	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.8	7.1	7.5
-6.25°	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.4	6.7	7.1	7.5
-7.5°	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.3	6.7	7.1	7.5
-8.75°	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.3	6.7	7.0	7.4
-10°	5.3	5.3	5.3	5.5	5.9	6.1	6.1	6.3	6.6	7.0	7.4
-11.25°	5.3	5.3	5.3	5.5	5.9	6.1	6.1	6.2	6.6	6.9	7.3
-12.5°	5.3	5.3	5.3	5.4	5.8	6.1	6.1	6.2	6.5	6.9	7.2
-13.75°	5.3	5.3	5.3	5.4	5.8	6.1	6.1	6.1	6.5	6.8	7.2
-15°	5.3	5.3	5.3	5.3	5.7	6.1	6.1	6.1	6.4	6.7	7.1
-16.25°	5.3	5.3	5.3	5.3	5.6	6.0	6.1	6.1	6.3	6.6	7.0
-17.5°	5.3	5.3	5.3	5.3	5.6	5.9	6.1	6.1	6.2	6.6	6.9
-18.75°	5.3	5.3	5.3	5.3	5.5	5.9	6.1	6.1	6.2	6.5	6.8
-20°	5.3	5.3	5.3	5.3	5.4	5.8	6.1	6.1	6.1	6.4	6.7
-21.25°	5.3	5.3	5.3	5.3	5.3	5.7	6.0	6.1	6.1	6.3	6.6



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4
-80°	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	6.1	6.1	6.1	6.4	6.6	6.9	7.2	7.5	8.0	8.7	9.5
32.5°	6.1	6.1	6.3	6.6	6.8	7.1	7.4	7.8	8.6	9.4	10.1
31.25°	6.1	6.2	6.4	6.7	7.0	7.3	7.6	8.4	9.2	10.0	10.8
30°	6.1	6.3	6.6	6.9	7.2	7.5	8.2	9.0	9.8	10.6	11.5
28.75°	6.2	6.5	6.7	7.1	7.4	7.8	8.7	9.5	10.4	11.2	12.1
27.5°	6.3	6.6	6.9	7.2	7.6	8.3	9.2	10.1	11.0	11.8	12.9
26.25°	6.5	6.7	7.1	7.4	7.9	8.8	9.7	10.6	11.5	12.5	13.7
25°	6.6	6.9	7.2	7.6	8.4	9.3	10.2	11.2	12.1	13.3	14.5
23.75°	6.7	7.0	7.4	7.9	8.8	9.7	10.7	11.7	12.8	14.0	15.2
22.5°	6.8	7.2	7.5	8.3	9.2	10.2	11.2	12.2	13.4	14.7	16.3
21.25°	6.9	7.3	7.7	8.7	9.6	10.6	11.6	12.8	14.0	15.4	17.4
20°	7.1	7.4	8.1	9.0	10.0	11.0	12.1	13.4	14.7	16.4	18.4
18.75°	7.2	7.5	8.4	9.4	10.4	11.4	12.6	13.9	15.3	17.3	19.3
17.5°	7.3	7.7	8.7	9.7	10.8	11.8	13.1	14.4	16.1	18.2	20.8
16.25°	7.4	8.0	9.0	10.0	11.1	12.2	13.5	14.9	16.9	19.0	22.6
15°	7.5	8.2	9.3	10.3	11.4	12.6	14.0	15.5	17.6	19.8	24.3
13.75°	7.5	8.5	9.5	10.6	11.7	13.0	14.4	16.2	18.3	21.3	25.8
12.5°	7.7	8.7	9.8	10.9	12.0	13.3	14.8	16.8	18.9	22.7	27.3
11.25°	7.9	8.9	10.0	11.1	12.2	13.7	15.1	17.3	19.5	24.0	28.6
10°	8.0	9.1	10.2	11.3	12.5	14.0	15.6	17.8	20.4	25.1	30.2
8.75°	8.2	9.3	10.4	11.5	12.8	14.2	16.0	18.2	21.4	26.1	32.8
7.5°	8.3	9.4	10.5	11.7	13.0	14.5	16.4	18.6	22.2	27.0	35.0
6.25°	8.4	9.5	10.7	11.8	13.2	14.7	16.7	19.0	22.9	27.8	36.9
5°	8.5	9.6	10.8	11.9	13.3	14.8	16.9	19.2	23.5	28.4	38.5
3.75°	8.6	9.7	10.8	12.0	13.4	14.9	17.1	19.4	24.0	28.9	39.7
2.5°	8.7	9.8	10.9	12.0	13.5	15.0	17.3	19.6	24.3	29.2	40.6
1.25°	8.7	9.8	10.9	12.1	13.6	15.1	17.4	19.7	24.5	29.4	41.1
0°	8.7	9.8	11.0	12.1	13.6	15.1	17.4	19.7	24.6	29.5	41.3
-1.25°	8.7	9.8	10.9	12.1	13.6	15.1	17.4	19.7	24.5	29.4	41.1
-2.5°	8.7	9.8	10.9	12.0	13.5	15.0	17.3	19.6	24.3	29.2	40.6
-3.75°	8.6	9.7	10.8	12.0	13.4	14.9	17.1	19.4	24.0	28.9	39.7
-5°	8.5	9.6	10.8	11.9	13.3	14.8	16.9	19.2	23.5	28.4	38.5
-6.25°	8.4	9.5	10.7	11.8	13.2	14.7	16.7	19.0	22.9	27.8	36.9
-7.5°	8.3	9.4	10.5	11.7	13.0	14.5	16.4	18.6	22.2	27.0	35.0
-8.75°	8.2	9.3	10.4	11.5	12.8	14.2	16.0	18.2	21.4	26.1	32.8
-10°	8.0	9.1	10.2	11.3	12.5	14.0	15.6	17.8	20.4	25.1	30.2
-11.25°	7.9	8.9	10.0	11.1	12.2	13.7	15.1	17.3	19.5	24.0	28.6
-12.5°	7.7	8.7	9.8	10.9	12.0	13.3	14.8	16.8	18.9	22.7	27.3
-13.75°	7.5	8.5	9.5	10.6	11.7	13.0	14.4	16.2	18.3	21.3	25.8
-15°	7.5	8.2	9.3	10.3	11.4	12.6	14.0	15.5	17.6	19.8	24.3
-16.25°	7.4	8.0	9.0	10.0	11.1	12.2	13.5	14.9	16.9	19.0	22.6
-17.5°	7.3	7.7	8.7	9.7	10.8	11.8	13.1	14.4	16.1	18.2	20.8
-18.75°	7.2	7.5	8.4	9.4	10.4	11.4	12.6	13.9	15.3	17.3	19.3
-20°	7.1	7.4	8.1	9.0	10.0	11.0	12.1	13.4	14.7	16.4	18.4
-21.25°	6.9	7.3	7.7	8.7	9.6	10.6	11.6	12.8	14.0	15.4	17.4



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	6.8	7.2	7.5	8.3	9.2	10.2	11.2	12.2	13.4	14.7	16.3
-23.75°	6.7	7.0	7.4	7.9	8.8	9.7	10.7	11.7	12.8	14.0	15.2
-25°	6.6	6.9	7.2	7.6	8.4	9.3	10.2	11.2	12.1	13.3	14.5
-26.25°	6.5	6.7	7.1	7.4	7.9	8.8	9.7	10.6	11.5	12.5	13.7
-27.5°	6.3	6.6	6.9	7.2	7.6	8.3	9.2	10.1	11.0	11.8	12.9
-28.75°	6.2	6.5	6.7	7.1	7.4	7.8	8.7	9.5	10.4	11.2	12.1
-30°	6.1	6.3	6.6	6.9	7.2	7.5	8.2	9.0	9.8	10.6	11.5
-31.25°	6.1	6.2	6.4	6.7	7.0	7.3	7.6	8.4	9.2	10.0	10.8
-32.5°	6.1	6.1	6.3	6.6	6.8	7.1	7.4	7.8	8.6	9.4	10.1
-33.75°	6.1	6.1	6.1	6.4	6.6	6.9	7.2	7.5	8.0	8.7	9.5
-35°	6.1	6.1	6.1	6.2	6.5	6.7	7.0	7.2	7.5	8.1	8.8
-36.25°	6.0	6.1	6.1	6.1	6.3	6.5	6.8	7.0	7.3	7.5	8.1
-37.5°	5.8	6.1	6.1	6.1	6.1	6.3	6.6	6.8	7.0	7.3	7.5
-38.75°	5.6	5.9	6.1	6.1	6.1	6.1	6.4	6.6	6.8	7.0	7.3
-40°	5.4	5.7	5.9	6.1	6.1	6.1	6.1	6.4	6.6	6.8	7.0
-41.25°	5.3	5.5	5.7	6.0	6.1	6.1	6.1	6.1	6.4	6.6	6.8
-42.5°	5.3	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.1	6.3	6.5
-43.75°	5.3	5.3	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.1	6.3
-45°	5.3	5.3	5.3	5.3	5.5	5.8	6.0	6.1	6.1	6.1	6.1
-46.25°	5.3	5.3	5.3	5.3	5.3	5.5	5.7	5.9	6.1	6.1	6.1
-47.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.5	5.7	5.9	6.1	6.1
-48.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.6	5.8	6.0
-50°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.5	5.7
-51.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4
-52.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-53.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-55°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-56.25°	5.0	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-57.5°	4.7	4.9	5.1	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-58.75°	4.5	4.7	4.8	5.0	5.1	5.3	5.3	5.3	5.3	5.3	5.3
-60°	4.3	4.4	4.6	4.7	4.9	5.0	5.2	5.3	5.3	5.3	5.3
-61.25°	4.1	4.2	4.3	4.5	4.6	4.7	4.9	5.0	5.2	5.3	5.3
-62.5°	3.9	4.0	4.1	4.2	4.4	4.5	4.6	4.7	4.9	5.0	5.1
-63.75°	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.6	4.7	4.8
-65°	3.8	3.8	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
-66.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.1	4.2
-67.5°	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9
-68.75°	3.4	3.5	3.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-70°	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.8	3.8	3.8
-71.25°	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8
-72.5°	2.4	2.5	2.7	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5
-73.75°	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0	3.1	3.2
-75°	1.5	1.5	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6	2.7
-76.25°	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-80°	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
-81.25°	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4
-82.5°	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
82.5°	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
81.25°	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
78.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7
77.5°	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4
76.25°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1
75°	2.8	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4
73.75°	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.8
72.5°	3.6	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
71.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.0	4.1
68.75°	3.8	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.4
67.5°	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.7
66.25°	4.3	4.4	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1
65°	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3
63.75°	4.9	5.0	5.1	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
56.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.5	5.6
55°	5.3	5.3	5.3	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.9
53.75°	5.3	5.3	5.3	5.4	5.6	5.7	5.8	5.9	6.1	6.1	6.1
52.5°	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.1
51.25°	5.6	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
50°	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5
48.75°	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.5	6.6	6.7	6.8
47.5°	6.1	6.1	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.2
46.25°	6.1	6.1	6.3	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.5
45°	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.6	7.9	8.3
43.75°	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.9	8.4	8.8	9.2
42.5°	6.7	6.9	7.1	7.3	7.5	7.8	8.3	8.8	9.3	9.7	10.2
41.25°	7.0	7.2	7.4	7.6	8.2	8.7	9.2	9.7	10.2	10.7	11.2
40°	7.2	7.5	7.8	8.4	9.0	9.5	10.1	10.6	11.2	11.7	12.2
38.75°	7.5	8.0	8.6	9.2	9.8	10.4	11.0	11.5	12.1	12.8	13.4
37.5°	8.1	8.7	9.4	10.0	10.6	11.2	11.8	12.5	13.3	14.0	14.7
36.25°	8.8	9.5	10.1	10.8	11.5	12.1	12.9	13.7	14.5	15.2	16.3
35°	9.5	10.2	10.9	11.6	12.3	13.2	14.0	14.8	15.9	17.1	18.2



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	10.2	10.9	11.7	12.5	13.4	14.3	15.1	16.4	17.7	18.9	20.4
32.5°	10.9	11.7	12.5	13.5	14.4	15.4	16.8	18.1	19.4	21.8	24.4
31.25°	11.6	12.5	13.5	14.5	15.6	17.0	18.4	19.9	22.8	25.5	28.2
30°	12.3	13.4	14.4	15.6	17.1	18.6	20.4	23.5	26.4	29.3	35.5
28.75°	13.2	14.3	15.4	17.0	18.6	20.6	23.8	26.9	30.6	37.7	44.5
27.5°	14.0	15.1	16.8	18.4	20.4	23.8	27.1	31.4	38.9	46.2	53.3
26.25°	14.8	16.4	18.1	19.9	23.5	26.9	31.4	39.4	47.1	54.6	61.7
25°	15.9	17.7	19.4	22.8	26.4	30.6	38.9	47.1	55.0	62.6	69.9
23.75°	17.1	18.9	21.8	25.5	29.3	37.7	46.2	54.6	62.6	70.3	78.4
22.5°	18.2	20.4	24.4	28.2	35.5	44.5	53.3	61.7	69.9	78.4	88.1
21.25°	19.3	22.8	26.8	32.5	41.9	51.1	59.9	68.5	77.3	87.5	97.5
20°	21.0	25.1	29.2	38.4	48.0	57.3	66.3	75.1	85.7	96.3	107.1
18.75°	23.1	27.3	34.2	44.1	53.8	63.2	72.4	82.8	93.9	104.9	117.8
17.5°	25.1	29.4	39.4	49.4	59.2	68.8	78.8	90.3	101.7	114.7	129.2
16.25°	27.0	33.9	44.2	54.5	64.3	74.1	85.6	97.4	110.2	124.9	140.8
15°	28.7	38.2	48.8	59.1	69.1	79.9	92.1	104.2	118.9	135.0	152.5
13.75°	31.6	42.3	53.1	63.4	73.6	85.7	98.1	111.9	127.8	145.2	164.8
12.5°	35.2	46.1	56.9	67.3	78.2	91.0	103.7	119.2	136.4	155.5	177.4
11.25°	38.5	49.6	60.4	71.0	82.9	96.0	110.0	126.5	144.8	165.5	189.6
10°	41.5	52.7	63.5	74.3	87.2	100.4	115.7	133.2	152.9	175.7	203.0
8.75°	44.2	55.4	66.3	77.6	91.0	104.6	121.1	139.7	160.7	185.2	215.2
7.5°	46.5	57.8	68.8	80.8	94.4	108.8	126.1	145.4	167.6	194.4	226.0
6.25°	48.5	59.8	70.9	83.5	97.2	112.4	130.4	150.5	174.3	203.1	235.2
5°	50.1	61.4	72.6	85.7	99.6	115.4	134.0	155.1	179.9	210.4	242.9
3.75°	51.4	62.7	74.0	87.5	101.4	117.8	137.0	158.7	184.4	216.1	248.9
2.5°	52.3	63.6	74.9	88.7	102.7	119.7	139.2	161.4	187.5	220.2	253.3
1.25°	52.8	64.2	75.5	89.5	103.5	120.8	140.5	162.9	189.5	222.6	255.9
0°	53.0	64.4	75.7	89.8	103.8	121.2	140.9	163.5	190.1	223.5	256.8
-1.25°	52.8	64.2	75.5	89.5	103.5	120.8	140.5	162.9	189.5	222.6	255.9
-2.5°	52.3	63.6	74.9	88.7	102.7	119.7	139.2	161.4	187.5	220.2	253.3
-3.75°	51.4	62.7	74.0	87.5	101.4	117.8	137.0	158.7	184.4	216.1	248.9
-5°	50.1	61.4	72.6	85.7	99.6	115.4	134.0	155.1	179.9	210.4	242.9
-6.25°	48.5	59.8	70.9	83.5	97.2	112.4	130.4	150.5	174.3	203.1	235.2
-7.5°	46.5	57.8	68.8	80.8	94.4	108.8	126.1	145.4	167.6	194.4	226.0
-8.75°	44.2	55.4	66.3	77.6	91.0	104.6	121.1	139.7	160.7	185.2	215.2
-10°	41.5	52.7	63.5	74.3	87.2	100.4	115.7	133.2	152.9	175.7	203.0
-11.25°	38.5	49.6	60.4	71.0	82.9	96.0	110.0	126.5	144.8	165.5	189.6
-12.5°	35.2	46.1	56.9	67.3	78.2	91.0	103.7	119.2	136.4	155.5	177.4
-13.75°	31.6	42.3	53.1	63.4	73.6	85.7	98.1	111.9	127.8	145.2	164.8
-15°	28.7	38.2	48.8	59.1	69.1	79.9	92.1	104.2	118.9	135.0	152.5
-16.25°	27.0	33.9	44.2	54.5	64.3	74.1	85.6	97.4	110.2	124.9	140.8
-17.5°	25.1	29.4	39.4	49.4	59.2	68.8	78.8	90.3	101.7	114.7	129.2
-18.75°	23.1	27.3	34.2	44.1	53.8	63.2	72.4	82.8	93.9	104.9	117.8
-20°	21.0	25.1	29.2	38.4	48.0	57.3	66.3	75.1	85.7	96.3	107.1
-21.25°	19.3	22.8	26.8	32.5	41.9	51.1	59.9	68.5	77.3	87.5	97.5



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	18.2	20.4	24.4	28.2	35.5	44.5	53.3	61.7	69.9	78.4	88.1
-23.75°	17.1	18.9	21.8	25.5	29.3	37.7	46.2	54.6	62.6	70.3	78.4
-25°	15.9	17.7	19.4	22.8	26.4	30.6	38.9	47.1	55.0	62.6	69.9
-26.25°	14.8	16.4	18.1	19.9	23.5	26.9	31.4	39.4	47.1	54.6	61.7
-27.5°	14.0	15.1	16.8	18.4	20.4	23.8	27.1	31.4	38.9	46.2	53.3
-28.75°	13.2	14.3	15.4	17.0	18.6	20.6	23.8	26.9	30.6	37.7	44.5
-30°	12.3	13.4	14.4	15.6	17.1	18.6	20.4	23.5	26.4	29.3	35.5
-31.25°	11.6	12.5	13.5	14.5	15.6	17.0	18.4	19.9	22.8	25.5	28.2
-32.5°	10.9	11.7	12.5	13.5	14.4	15.4	16.8	18.1	19.4	21.8	24.4
-33.75°	10.2	10.9	11.7	12.5	13.4	14.3	15.1	16.4	17.7	18.9	20.4
-35°	9.5	10.2	10.9	11.6	12.3	13.2	14.0	14.8	15.9	17.1	18.2
-36.25°	8.8	9.5	10.1	10.8	11.5	12.1	12.9	13.7	14.5	15.2	16.3
-37.5°	8.1	8.7	9.4	10.0	10.6	11.2	11.8	12.5	13.3	14.0	14.7
-38.75°	7.5	8.0	8.6	9.2	9.8	10.4	11.0	11.5	12.1	12.8	13.4
-40°	7.2	7.5	7.8	8.4	9.0	9.5	10.1	10.6	11.2	11.7	12.2
-41.25°	7.0	7.2	7.4	7.6	8.2	8.7	9.2	9.7	10.2	10.7	11.2
-42.5°	6.7	6.9	7.1	7.3	7.5	7.8	8.3	8.8	9.3	9.7	10.2
-43.75°	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.9	8.4	8.8	9.2
-45°	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.6	7.9	8.3
-46.25°	6.1	6.1	6.3	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.5
-47.5°	6.1	6.1	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.2
-48.75°	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.5	6.6	6.7	6.8
-50°	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5
-51.25°	5.6	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
-52.5°	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.1
-53.75°	5.3	5.3	5.3	5.4	5.6	5.7	5.8	5.9	6.1	6.1	6.1
-55°	5.3	5.3	5.3	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.9
-56.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.5	5.6
-57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-63.75°	4.9	5.0	5.1	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-65°	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3
-66.25°	4.3	4.4	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1
-67.5°	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.7
-68.75°	3.8	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.4
-70°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.0	4.1
-71.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-72.5°	3.6	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-73.75°	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.8
-75°	2.8	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4
-76.25°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1
-77.5°	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-81.25°	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
-83.75°	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
78.75°	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2
77.5°	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9
76.25°	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3
75°	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7
73.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
71.25°	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1
70°	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
68.75°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
67.5°	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2
66.25°	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.6
57.5°	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	6.0
56.25°	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1
55°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
53.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3
52.5°	6.1	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.7
51.25°	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.0
50°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.4
48.75°	6.9	7.1	7.2	7.3	7.4	7.5	7.5	7.7	7.9	8.0	8.2
47.5°	7.3	7.4	7.5	7.7	8.0	8.2	8.5	8.7	8.9	9.1	9.3
46.25°	7.7	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.0	10.2	10.4
45°	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9	11.1	11.3	11.5
43.75°	9.6	10.0	10.4	10.8	11.1	11.4	11.7	12.0	12.2	12.5	12.8
42.5°	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.3	13.7	14.0	14.2
41.25°	11.6	12.1	12.6	13.1	13.5	14.0	14.4	14.8	15.1	15.6	16.0
40°	12.8	13.4	13.9	14.4	14.9	15.5	16.2	16.8	17.3	17.8	18.2
38.75°	14.0	14.7	15.3	16.1	16.9	17.6	18.3	18.9	19.5	20.4	21.4
37.5°	15.4	16.4	17.3	18.2	19.0	19.8	21.3	22.7	24.0	25.1	26.1
36.25°	17.4	18.4	19.3	20.8	22.6	24.3	25.8	27.3	28.6	30.2	32.8
35°	19.3	21.0	23.1	25.1	27.0	28.7	31.6	35.2	38.5	41.5	44.2



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	22.8	25.1	27.3	29.4	33.9	38.2	42.3	46.1	49.6	52.7	55.4
32.5°	26.8	29.2	34.2	39.4	44.2	48.8	53.1	56.9	60.4	63.5	66.3
31.25°	32.5	38.4	44.1	49.4	54.5	59.1	63.4	67.3	71.0	74.3	77.6
30°	41.9	48.0	53.8	59.2	64.3	69.1	73.6	78.2	82.9	87.2	91.0
28.75°	51.1	57.3	63.2	68.8	74.1	79.9	85.7	91.0	96.0	100.4	104.6
27.5°	59.9	66.3	72.4	78.8	85.6	92.1	98.1	103.7	110.0	115.7	121.1
26.25°	68.5	75.1	82.8	90.3	97.4	104.2	111.9	119.2	126.5	133.2	139.7
25°	77.3	85.7	93.9	101.7	110.2	118.9	127.8	136.4	144.8	152.9	160.7
23.75°	87.5	96.3	104.9	114.7	124.9	135.0	145.2	155.5	165.5	175.7	185.2
22.5°	97.5	107.1	117.8	129.2	140.8	152.5	164.8	177.4	189.6	203.0	215.2
21.25°	107.9	119.5	131.9	144.7	158.3	172.4	187.1	203.3	218.9	233.1	246.0
20°	119.5	132.8	146.7	161.8	177.9	195.1	213.8	231.5	247.9	265.3	284.2
18.75°	131.9	146.7	163.0	180.7	200.3	221.0	240.7	260.2	284.1	306.1	326.1
17.5°	144.7	161.8	180.7	202.0	224.6	246.3	270.8	297.8	323.0	346.3	375.5
16.25°	158.3	177.9	200.3	224.6	248.1	276.1	306.1	334.5	366.3	401.7	447.6
15°	172.4	195.1	221.0	246.3	276.1	308.9	340.3	379.2	427.0	482.0	555.8
13.75°	187.1	213.8	240.7	270.8	306.1	340.3	383.6	440.0	512.4	601.1	720.1
12.5°	203.3	231.5	260.2	297.8	334.5	379.2	440.0	522.6	633.4	773.4	947.7
11.25°	218.9	247.9	284.1	323.0	366.3	427.0	512.4	633.4	796.9	997.0	1229.6
10°	233.1	265.3	306.1	346.3	401.7	482.0	601.1	773.4	997.0	1262.5	1539.8
8.75°	246.0	284.2	326.1	375.5	447.6	555.8	720.1	947.7	1229.6	1539.8	1845.0
7.5°	257.7	300.9	343.9	402.7	494.4	637.7	851.2	1132.7	1461.6	1802.1	2122.9
6.25°	271.2	315.4	363.6	436.3	548.4	725.3	980.5	1309.2	1676.2	2035.7	2363.2
5°	282.5	327.4	382.0	464.4	594.7	812.2	1112.7	1476.8	1862.6	2231.5	2561.3
3.75°	291.4	336.8	396.5	491.0	649.1	892.8	1222.2	1611.6	2011.4	2382.5	2713.2
2.5°	297.8	343.7	409.0	515.2	688.5	951.5	1303.3	1712.1	2117.9	2491.4	2826.1
1.25°	301.7	347.8	418.1	529.8	712.5	987.1	1358.2	1773.7	2183.3	2558.6	2893.6
0°	303.0	349.2	421.1	534.8	720.5	999.1	1376.7	1794.4	2205.3	2581.4	2916.0
-1.25°	301.7	347.8	418.1	529.8	712.5	987.1	1358.2	1773.7	2183.3	2558.6	2893.6
-2.5°	297.8	343.7	409.0	515.2	688.5	951.5	1303.3	1712.1	2117.9	2491.4	2826.1
-3.75°	291.4	336.8	396.5	491.0	649.1	892.8	1222.2	1611.6	2011.4	2382.5	2713.2
-5°	282.5	327.4	382.0	464.4	594.7	812.2	1112.7	1476.8	1862.6	2231.5	2561.3
-6.25°	271.2	315.4	363.6	436.3	548.4	725.3	980.5	1309.2	1676.2	2035.7	2363.2
-7.5°	257.7	300.9	343.9	402.7	494.4	637.7	851.2	1132.7	1461.6	1802.1	2122.9
-8.75°	246.0	284.2	326.1	375.5	447.6	555.8	720.1	947.7	1229.6	1539.8	1845.0
-10°	233.1	265.3	306.1	346.3	401.7	482.0	601.1	773.4	997.0	1262.5	1539.8
-11.25°	218.9	247.9	284.1	323.0	366.3	427.0	512.4	633.4	796.9	997.0	1229.6
-12.5°	203.3	231.5	260.2	297.8	334.5	379.2	440.0	522.6	633.4	773.4	947.7
-13.75°	187.1	213.8	240.7	270.8	306.1	340.3	383.6	440.0	512.4	601.1	720.1
-15°	172.4	195.1	221.0	246.3	276.1	308.9	340.3	379.2	427.0	482.0	555.8
-16.25°	158.3	177.9	200.3	224.6	248.1	276.1	306.1	334.5	366.3	401.7	447.6
-17.5°	144.7	161.8	180.7	202.0	224.6	246.3	270.8	297.8	323.0	346.3	375.5
-18.75°	131.9	146.7	163.0	180.7	200.3	221.0	240.7	260.2	284.1	306.1	326.1
-20°	119.5	132.8	146.7	161.8	177.9	195.1	213.8	231.5	247.9	265.3	284.2
-21.25°	107.9	119.5	131.9	144.7	158.3	172.4	187.1	203.3	218.9	233.1	246.0



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	97.5	107.1	117.8	129.2	140.8	152.5	164.8	177.4	189.6	203.0	215.2
-23.75°	87.5	96.3	104.9	114.7	124.9	135.0	145.2	155.5	165.5	175.7	185.2
-25°	77.3	85.7	93.9	101.7	110.2	118.9	127.8	136.4	144.8	152.9	160.7
-26.25°	68.5	75.1	82.8	90.3	97.4	104.2	111.9	119.2	126.5	133.2	139.7
-27.5°	59.9	66.3	72.4	78.8	85.6	92.1	98.1	103.7	110.0	115.7	121.1
-28.75°	51.1	57.3	63.2	68.8	74.1	79.9	85.7	91.0	96.0	100.4	104.6
-30°	41.9	48.0	53.8	59.2	64.3	69.1	73.6	78.2	82.9	87.2	91.0
-31.25°	32.5	38.4	44.1	49.4	54.5	59.1	63.4	67.3	71.0	74.3	77.6
-32.5°	26.8	29.2	34.2	39.4	44.2	48.8	53.1	56.9	60.4	63.5	66.3
-33.75°	22.8	25.1	27.3	29.4	33.9	38.2	42.3	46.1	49.6	52.7	55.4
-35°	19.3	21.0	23.1	25.1	27.0	28.7	31.6	35.2	38.5	41.5	44.2
-36.25°	17.4	18.4	19.3	20.8	22.6	24.3	25.8	27.3	28.6	30.2	32.8
-37.5°	15.4	16.4	17.3	18.2	19.0	19.8	21.3	22.7	24.0	25.1	26.1
-38.75°	14.0	14.7	15.3	16.1	16.9	17.6	18.3	18.9	19.5	20.4	21.4
-40°	12.8	13.4	13.9	14.4	14.9	15.5	16.2	16.8	17.3	17.8	18.2
-41.25°	11.6	12.1	12.6	13.1	13.5	14.0	14.4	14.8	15.1	15.6	16.0
-42.5°	10.6	11.0	11.4	11.8	12.2	12.6	13.0	13.3	13.7	14.0	14.2
-43.75°	9.6	10.0	10.4	10.8	11.1	11.4	11.7	12.0	12.2	12.5	12.8
-45°	8.7	9.0	9.4	9.7	10.0	10.3	10.6	10.9	11.1	11.3	11.5
-46.25°	7.7	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.0	10.2	10.4
-47.5°	7.3	7.4	7.5	7.7	8.0	8.2	8.5	8.7	8.9	9.1	9.3
-48.75°	6.9	7.1	7.2	7.3	7.4	7.5	7.5	7.7	7.9	8.0	8.2
-50°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.4
-51.25°	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	6.9	7.0	7.0
-52.5°	6.1	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.7
-53.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3
-55°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-56.25°	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1
-57.5°	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	6.0
-58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.6
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-66.25°	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-67.5°	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2
-68.75°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
-70°	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
-71.25°	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1
-72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-73.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-75°	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7
-76.25°	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3
-77.5°	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-83.75°	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
78.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
77.5°	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
76.25°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
73.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
71.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
68.75°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
67.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
66.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
58.75°	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
56.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
53.75°	6.3	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
52.5°	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
51.25°	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1
50°	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5
48.75°	8.3	8.4	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5
47.5°	9.4	9.5	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.6
46.25°	10.5	10.7	10.8	10.8	10.9	10.9	11.0	10.9	10.9	10.8	10.8
45°	11.7	11.8	11.9	12.0	12.0	12.1	12.1	12.1	12.0	12.0	11.9
43.75°	13.0	13.2	13.3	13.4	13.5	13.6	13.6	13.6	13.5	13.4	13.3
42.5°	14.5	14.7	14.8	14.9	15.0	15.1	15.1	15.1	15.0	14.9	14.8
41.25°	16.4	16.7	16.9	17.1	17.3	17.4	17.4	17.4	17.3	17.1	16.9
40°	18.6	19.0	19.2	19.4	19.6	19.7	19.7	19.7	19.6	19.4	19.2
38.75°	22.2	22.9	23.5	24.0	24.3	24.5	24.6	24.5	24.3	24.0	23.5
37.5°	27.0	27.8	28.4	28.9	29.2	29.4	29.5	29.4	29.2	28.9	28.4
36.25°	35.0	36.9	38.5	39.7	40.6	41.1	41.3	41.1	40.6	39.7	38.5
35°	46.5	48.5	50.1	51.4	52.3	52.8	53.0	52.8	52.3	51.4	50.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	57.8	59.8	61.4	62.7	63.6	64.2	64.4	64.2	63.6	62.7	61.4
32.5°	68.8	70.9	72.6	74.0	74.9	75.5	75.7	75.5	74.9	74.0	72.6
31.25°	80.8	83.5	85.7	87.5	88.7	89.5	89.8	89.5	88.7	87.5	85.7
30°	94.4	97.2	99.6	101.4	102.7	103.5	103.8	103.5	102.7	101.4	99.6
28.75°	108.8	112.4	115.4	117.8	119.7	120.8	121.2	120.8	119.7	117.8	115.4
27.5°	126.1	130.4	134.0	137.0	139.2	140.5	140.9	140.5	139.2	137.0	134.0
26.25°	145.4	150.5	155.1	158.7	161.4	162.9	163.5	162.9	161.4	158.7	155.1
25°	167.6	174.3	179.9	184.4	187.5	189.5	190.1	189.5	187.5	184.4	179.9
23.75°	194.4	203.1	210.4	216.1	220.2	222.6	223.5	222.6	220.2	216.1	210.4
22.5°	226.0	235.2	242.9	248.9	253.3	255.9	256.8	255.9	253.3	248.9	242.9
21.25°	257.7	271.2	282.5	291.4	297.8	301.7	303.0	301.7	297.8	291.4	282.5
20°	300.9	315.4	327.4	336.8	343.7	347.8	349.2	347.8	343.7	336.8	327.4
18.75°	343.9	363.6	382.0	396.5	409.0	418.1	421.1	418.1	409.0	396.5	382.0
17.5°	402.7	436.3	464.4	491.0	515.2	529.8	534.8	529.8	515.2	491.0	464.4
16.25°	494.4	548.4	594.7	649.1	688.5	712.5	720.5	712.5	688.5	649.1	594.7
15°	637.7	725.3	812.2	892.8	951.5	987.1	999.1	987.1	951.5	892.8	812.2
13.75°	851.2	980.5	1112.7	1222.2	1303.3	1358.2	1376.7	1358.2	1303.3	1222.2	1112.7
12.5°	1132.7	1309.2	1476.8	1611.6	1712.1	1773.7	1794.4	1773.7	1712.1	1611.6	1476.8
11.25°	1461.6	1676.2	1862.6	2011.4	2117.9	2183.3	2205.3	2183.3	2117.9	2011.4	1862.6
10°	1802.1	2035.7	2231.5	2382.5	2491.4	2558.6	2581.4	2558.6	2491.4	2382.5	2231.5
8.75°	2122.9	2363.2	2561.3	2713.2	2826.1	2893.6	2916.0	2893.6	2826.1	2713.2	2561.3
7.5°	2406.7	2648.8	2850.9	3009.7	3129.2	3200.5	3224.9	3200.5	3129.2	3009.7	2850.9
6.25°	2648.8	2895.6	3106.8	3275.9	3399.9	3474.4	3500.2	3474.4	3399.9	3275.9	3106.8
5°	2850.9	3106.8	3327.6	3500.7	3629.7	3711.5	3740.3	3711.5	3629.7	3500.7	3327.6
3.75°	3009.7	3275.9	3500.7	3683.7	3818.1	3903.5	3927.9	3903.5	3818.1	3683.7	3500.7
2.5°	3129.2	3399.9	3629.7	3818.1	3953.8	4036.4	4062.6	4036.4	3953.8	3818.1	3629.7
1.25°	3200.5	3474.4	3711.5	3903.5	4036.4	4121.1	4152.9	4121.1	4036.4	3903.5	3711.5
0°	3224.9	3500.2	3740.3	3927.9	4062.6	4152.9	4197.8	4152.9	4062.6	3927.9	3740.3
-1.25°	3200.5	3474.4	3711.5	3903.5	4036.4	4121.1	4152.9	4121.1	4036.4	3903.5	3711.5
-2.5°	3129.2	3399.9	3629.7	3818.1	3953.8	4036.4	4062.6	4036.4	3953.8	3818.1	3629.7
-3.75°	3009.7	3275.9	3500.7	3683.7	3818.1	3903.5	3927.9	3903.5	3818.1	3683.7	3500.7
-5°	2850.9	3106.8	3327.6	3500.7	3629.7	3711.5	3740.3	3711.5	3629.7	3500.7	3327.6
-6.25°	2648.8	2895.6	3106.8	3275.9	3399.9	3474.4	3500.2	3474.4	3399.9	3275.9	3106.8
-7.5°	2406.7	2648.8	2850.9	3009.7	3129.2	3200.5	3224.9	3200.5	3129.2	3009.7	2850.9
-8.75°	2122.9	2363.2	2561.3	2713.2	2826.1	2893.6	2916.0	2893.6	2826.1	2713.2	2561.3
-10°	1802.1	2035.7	2231.5	2382.5	2491.4	2558.6	2581.4	2558.6	2491.4	2382.5	2231.5
-11.25°	1461.6	1676.2	1862.6	2011.4	2117.9	2183.3	2205.3	2183.3	2117.9	2011.4	1862.6
-12.5°	1132.7	1309.2	1476.8	1611.6	1712.1	1773.7	1794.4	1773.7	1712.1	1611.6	1476.8
-13.75°	851.2	980.5	1112.7	1222.2	1303.3	1358.2	1376.7	1358.2	1303.3	1222.2	1112.7
-15°	637.7	725.3	812.2	892.8	951.5	987.1	999.1	987.1	951.5	892.8	812.2
-16.25°	494.4	548.4	594.7	649.1	688.5	712.5	720.5	712.5	688.5	649.1	594.7
-17.5°	402.7	436.3	464.4	491.0	515.2	529.8	534.8	529.8	515.2	491.0	464.4
-18.75°	343.9	363.6	382.0	396.5	409.0	418.1	421.1	418.1	409.0	396.5	382.0
-20°	300.9	315.4	327.4	336.8	343.7	347.8	349.2	347.8	343.7	336.8	327.4
-21.25°	257.7	271.2	282.5	291.4	297.8	301.7	303.0	301.7	297.8	291.4	282.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	226.0	235.2	242.9	248.9	253.3	255.9	256.8	255.9	253.3	248.9	242.9
-23.75°	194.4	203.1	210.4	216.1	220.2	222.6	223.5	222.6	220.2	216.1	210.4
-25°	167.6	174.3	179.9	184.4	187.5	189.5	190.1	189.5	187.5	184.4	179.9
-26.25°	145.4	150.5	155.1	158.7	161.4	162.9	163.5	162.9	161.4	158.7	155.1
-27.5°	126.1	130.4	134.0	137.0	139.2	140.5	140.9	140.5	139.2	137.0	134.0
-28.75°	108.8	112.4	115.4	117.8	119.7	120.8	121.2	120.8	119.7	117.8	115.4
-30°	94.4	97.2	99.6	101.4	102.7	103.5	103.8	103.5	102.7	101.4	99.6
-31.25°	80.8	83.5	85.7	87.5	88.7	89.5	89.8	89.5	88.7	87.5	85.7
-32.5°	68.8	70.9	72.6	74.0	74.9	75.5	75.7	75.5	74.9	74.0	72.6
-33.75°	57.8	59.8	61.4	62.7	63.6	64.2	64.4	64.2	63.6	62.7	61.4
-35°	46.5	48.5	50.1	51.4	52.3	52.8	53.0	52.8	52.3	51.4	50.1
-36.25°	35.0	36.9	38.5	39.7	40.6	41.1	41.3	41.1	40.6	39.7	38.5
-37.5°	27.0	27.8	28.4	28.9	29.2	29.4	29.5	29.4	29.2	28.9	28.4
-38.75°	22.2	22.9	23.5	24.0	24.3	24.5	24.6	24.5	24.3	24.0	23.5
-40°	18.6	19.0	19.2	19.4	19.6	19.7	19.7	19.7	19.6	19.4	19.2
-41.25°	16.4	16.7	16.9	17.1	17.3	17.4	17.4	17.4	17.3	17.1	16.9
-42.5°	14.5	14.7	14.8	14.9	15.0	15.1	15.1	15.1	15.0	14.9	14.8
-43.75°	13.0	13.2	13.3	13.4	13.5	13.6	13.6	13.6	13.5	13.4	13.3
-45°	11.7	11.8	11.9	12.0	12.0	12.1	12.1	12.1	12.0	12.0	11.9
-46.25°	10.5	10.7	10.8	10.8	10.9	10.9	11.0	10.9	10.9	10.8	10.8
-47.5°	9.4	9.5	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.7	9.6
-48.75°	8.3	8.4	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5
-50°	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5
-51.25°	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.1
-52.5°	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-53.75°	6.3	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
-55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-56.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-57.5°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-58.75°	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-66.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-67.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-68.75°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-71.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1
-72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-73.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-76.25°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-77.5°	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
78.75°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.9
77.5°	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6
76.25°	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2
75°	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
73.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
71.25°	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9
70°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
68.75°	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5
67.5°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9
66.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
58.75°	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.3
57.5°	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.5
56.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.9
55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
53.75°	6.4	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1
52.5°	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2
51.25°	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.5
50°	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8
48.75°	8.4	8.3	8.2	8.0	7.9	7.7	7.5	7.5	7.4	7.3	7.2
47.5°	9.5	9.4	9.3	9.1	8.9	8.7	8.5	8.2	8.0	7.7	7.5
46.25°	10.7	10.5	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.4
45°	11.8	11.7	11.5	11.3	11.1	10.9	10.6	10.3	10.0	9.7	9.4
43.75°	13.2	13.0	12.8	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.4
42.5°	14.7	14.5	14.2	14.0	13.7	13.3	13.0	12.6	12.2	11.8	11.4
41.25°	16.7	16.4	16.0	15.6	15.1	14.8	14.4	14.0	13.5	13.1	12.6
40°	19.0	18.6	18.2	17.8	17.3	16.8	16.2	15.5	14.9	14.4	13.9
38.75°	22.9	22.2	21.4	20.4	19.5	18.9	18.3	17.6	16.9	16.1	15.3
37.5°	27.8	27.0	26.1	25.1	24.0	22.7	21.3	19.8	19.0	18.2	17.3
36.25°	36.9	35.0	32.8	30.2	28.6	27.3	25.8	24.3	22.6	20.8	19.3
35°	48.5	46.5	44.2	41.5	38.5	35.2	31.6	28.7	27.0	25.1	23.1



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	59.8	57.8	55.4	52.7	49.6	46.1	42.3	38.2	33.9	29.4	27.3
32.5°	70.9	68.8	66.3	63.5	60.4	56.9	53.1	48.8	44.2	39.4	34.2
31.25°	83.5	80.8	77.6	74.3	71.0	67.3	63.4	59.1	54.5	49.4	44.1
30°	97.2	94.4	91.0	87.2	82.9	78.2	73.6	69.1	64.3	59.2	53.8
28.75°	112.4	108.8	104.6	100.4	96.0	91.0	85.7	79.9	74.1	68.8	63.2
27.5°	130.4	126.1	121.1	115.7	110.0	103.7	98.1	92.1	85.6	78.8	72.4
26.25°	150.5	145.4	139.7	133.2	126.5	119.2	111.9	104.2	97.4	90.3	82.8
25°	174.3	167.6	160.7	152.9	144.8	136.4	127.8	118.9	110.2	101.7	93.9
23.75°	203.1	194.4	185.2	175.7	165.5	155.5	145.2	135.0	124.9	114.7	104.9
22.5°	235.2	226.0	215.2	203.0	189.6	177.4	164.8	152.5	140.8	129.2	117.8
21.25°	271.2	257.7	246.0	233.1	218.9	203.3	187.1	172.4	158.3	144.7	131.9
20°	315.4	300.9	284.2	265.3	247.9	231.5	213.8	195.1	177.9	161.8	146.7
18.75°	363.6	343.9	326.1	306.1	284.1	260.2	240.7	221.0	200.3	180.7	163.0
17.5°	436.3	402.7	375.5	346.3	323.0	297.8	270.8	246.3	224.6	202.0	180.7
16.25°	548.4	494.4	447.6	401.7	366.3	334.5	306.1	276.1	248.1	224.6	200.3
15°	725.3	637.7	555.8	482.0	427.0	379.2	340.3	308.9	276.1	246.3	221.0
13.75°	980.5	851.2	720.1	601.1	512.4	440.0	383.6	340.3	306.1	270.8	240.7
12.5°	1309.2	1132.7	947.7	773.4	633.4	522.6	440.0	379.2	334.5	297.8	260.2
11.25°	1676.2	1461.6	1229.6	997.0	796.9	633.4	512.4	427.0	366.3	323.0	284.1
10°	2035.7	1802.1	1539.8	1262.5	997.0	773.4	601.1	482.0	401.7	346.3	306.1
8.75°	2363.2	2122.9	1845.0	1539.8	1229.6	947.7	720.1	555.8	447.6	375.5	326.1
7.5°	2648.8	2406.7	2122.9	1802.1	1461.6	1132.7	851.2	637.7	494.4	402.7	343.9
6.25°	2895.6	2648.8	2363.2	2035.7	1676.2	1309.2	980.5	725.3	548.4	436.3	363.6
5°	3106.8	2850.9	2561.3	2231.5	1862.6	1476.8	1112.7	812.2	594.7	464.4	382.0
3.75°	3275.9	3009.7	2713.2	2382.5	2011.4	1611.6	1222.2	892.8	649.1	491.0	396.5
2.5°	3399.9	3129.2	2826.1	2491.4	2117.9	1712.1	1303.3	951.5	688.5	515.2	409.0
1.25°	3474.4	3200.5	2893.6	2558.6	2183.3	1773.7	1358.2	987.1	712.5	529.8	418.1
0°	3500.2	3224.9	2916.0	2581.4	2205.3	1794.4	1376.7	999.1	720.5	534.8	421.1
-1.25°	3474.4	3200.5	2893.6	2558.6	2183.3	1773.7	1358.2	987.1	712.5	529.8	418.1
-2.5°	3399.9	3129.2	2826.1	2491.4	2117.9	1712.1	1303.3	951.5	688.5	515.2	409.0
-3.75°	3275.9	3009.7	2713.2	2382.5	2011.4	1611.6	1222.2	892.8	649.1	491.0	396.5
-5°	3106.8	2850.9	2561.3	2231.5	1862.6	1476.8	1112.7	812.2	594.7	464.4	382.0
-6.25°	2895.6	2648.8	2363.2	2035.7	1676.2	1309.2	980.5	725.3	548.4	436.3	363.6
-7.5°	2648.8	2406.7	2122.9	1802.1	1461.6	1132.7	851.2	637.7	494.4	402.7	343.9
-8.75°	2363.2	2122.9	1845.0	1539.8	1229.6	947.7	720.1	555.8	447.6	375.5	326.1
-10°	2035.7	1802.1	1539.8	1262.5	997.0	773.4	601.1	482.0	401.7	346.3	306.1
-11.25°	1676.2	1461.6	1229.6	997.0	796.9	633.4	512.4	427.0	366.3	323.0	284.1
-12.5°	1309.2	1132.7	947.7	773.4	633.4	522.6	440.0	379.2	334.5	297.8	260.2
-13.75°	980.5	851.2	720.1	601.1	512.4	440.0	383.6	340.3	306.1	270.8	240.7
-15°	725.3	637.7	555.8	482.0	427.0	379.2	340.3	308.9	276.1	246.3	221.0
-16.25°	548.4	494.4	447.6	401.7	366.3	334.5	306.1	276.1	248.1	224.6	200.3
-17.5°	436.3	402.7	375.5	346.3	323.0	297.8	270.8	246.3	224.6	202.0	180.7
-18.75°	363.6	343.9	326.1	306.1	284.1	260.2	240.7	221.0	200.3	180.7	163.0
-20°	315.4	300.9	284.2	265.3	247.9	231.5	213.8	195.1	177.9	161.8	146.7
-21.25°	271.2	257.7	246.0	233.1	218.9	203.3	187.1	172.4	158.3	144.7	131.9



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	235.2	226.0	215.2	203.0	189.6	177.4	164.8	152.5	140.8	129.2	117.8
-23.75°	203.1	194.4	185.2	175.7	165.5	155.5	145.2	135.0	124.9	114.7	104.9
-25°	174.3	167.6	160.7	152.9	144.8	136.4	127.8	118.9	110.2	101.7	93.9
-26.25°	150.5	145.4	139.7	133.2	126.5	119.2	111.9	104.2	97.4	90.3	82.8
-27.5°	130.4	126.1	121.1	115.7	110.0	103.7	98.1	92.1	85.6	78.8	72.4
-28.75°	112.4	108.8	104.6	100.4	96.0	91.0	85.7	79.9	74.1	68.8	63.2
-30°	97.2	94.4	91.0	87.2	82.9	78.2	73.6	69.1	64.3	59.2	53.8
-31.25°	83.5	80.8	77.6	74.3	71.0	67.3	63.4	59.1	54.5	49.4	44.1
-32.5°	70.9	68.8	66.3	63.5	60.4	56.9	53.1	48.8	44.2	39.4	34.2
-33.75°	59.8	57.8	55.4	52.7	49.6	46.1	42.3	38.2	33.9	29.4	27.3
-35°	48.5	46.5	44.2	41.5	38.5	35.2	31.6	28.7	27.0	25.1	23.1
-36.25°	36.9	35.0	32.8	30.2	28.6	27.3	25.8	24.3	22.6	20.8	19.3
-37.5°	27.8	27.0	26.1	25.1	24.0	22.7	21.3	19.8	19.0	18.2	17.3
-38.75°	22.9	22.2	21.4	20.4	19.5	18.9	18.3	17.6	16.9	16.1	15.3
-40°	19.0	18.6	18.2	17.8	17.3	16.8	16.2	15.5	14.9	14.4	13.9
-41.25°	16.7	16.4	16.0	15.6	15.1	14.8	14.4	14.0	13.5	13.1	12.6
-42.5°	14.7	14.5	14.2	14.0	13.7	13.3	13.0	12.6	12.2	11.8	11.4
-43.75°	13.2	13.0	12.8	12.5	12.2	12.0	11.7	11.4	11.1	10.8	10.4
-45°	11.8	11.7	11.5	11.3	11.1	10.9	10.6	10.3	10.0	9.7	9.4
-46.25°	10.7	10.5	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.4
-47.5°	9.5	9.4	9.3	9.1	8.9	8.7	8.5	8.2	8.0	7.7	7.5
-48.75°	8.4	8.3	8.2	8.0	7.9	7.7	7.5	7.5	7.4	7.3	7.2
-50°	7.5	7.5	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8
-51.25°	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.6	6.6	6.5
-52.5°	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2
-53.75°	6.4	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.1	6.1	6.1
-55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-56.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.9
-57.5°	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.5
-58.75°	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3	5.3	5.3
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-66.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-67.5°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9
-68.75°	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5
-70°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
-71.25°	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9
-72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-73.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-75°	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-76.25°	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2
-77.5°	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	1.9	1.9
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
82.5°	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
78.75°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.8
76.25°	3.1	3.1	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4
75°	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.0
73.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.4	3.4
72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7
71.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	4.1	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8
68.75°	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3.9
67.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2
66.25°	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.5
65°	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.1	5.0	4.9	4.8
63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
57.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
56.25°	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.3	5.3	5.3	5.3
55°	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.3
53.75°	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.7	5.6	5.4	5.3
52.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.6
51.25°	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9
50°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1
48.75°	7.1	6.9	6.8	6.7	6.6	6.5	6.3	6.2	6.1	6.1	6.1
47.5°	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.5	6.3	6.2	6.1
46.25°	8.1	7.7	7.5	7.4	7.2	7.1	6.9	6.7	6.6	6.4	6.3
45°	9.0	8.7	8.3	7.9	7.6	7.4	7.2	7.1	6.9	6.7	6.6
43.75°	10.0	9.6	9.2	8.8	8.4	7.9	7.6	7.4	7.2	7.0	6.8
42.5°	11.0	10.6	10.2	9.7	9.3	8.8	8.3	7.8	7.5	7.3	7.1
41.25°	12.1	11.6	11.2	10.7	10.2	9.7	9.2	8.7	8.2	7.6	7.4
40°	13.4	12.8	12.2	11.7	11.2	10.6	10.1	9.5	9.0	8.4	7.8
38.75°	14.7	14.0	13.4	12.8	12.1	11.5	11.0	10.4	9.8	9.2	8.6
37.5°	16.4	15.4	14.7	14.0	13.3	12.5	11.8	11.2	10.6	10.0	9.4
36.25°	18.4	17.4	16.3	15.2	14.5	13.7	12.9	12.1	11.5	10.8	10.1
35°	21.0	19.3	18.2	17.1	15.9	14.8	14.0	13.2	12.3	11.6	10.9



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	25.1	22.8	20.4	18.9	17.7	16.4	15.1	14.3	13.4	12.5	11.7
32.5°	29.2	26.8	24.4	21.8	19.4	18.1	16.8	15.4	14.4	13.5	12.5
31.25°	38.4	32.5	28.2	25.5	22.8	19.9	18.4	17.0	15.6	14.5	13.5
30°	48.0	41.9	35.5	29.3	26.4	23.5	20.4	18.6	17.1	15.6	14.4
28.75°	57.3	51.1	44.5	37.7	30.6	26.9	23.8	20.6	18.6	17.0	15.4
27.5°	66.3	59.9	53.3	46.2	38.9	31.4	27.1	23.8	20.4	18.4	16.8
26.25°	75.1	68.5	61.7	54.6	47.1	39.4	31.4	26.9	23.5	19.9	18.1
25°	85.7	77.3	69.9	62.6	55.0	47.1	38.9	30.6	26.4	22.8	19.4
23.75°	96.3	87.5	78.4	70.3	62.6	54.6	46.2	37.7	29.3	25.5	21.8
22.5°	107.1	97.5	88.1	78.4	69.9	61.7	53.3	44.5	35.5	28.2	24.4
21.25°	119.5	107.9	97.5	87.5	77.3	68.5	59.9	51.1	41.9	32.5	26.8
20°	132.8	119.5	107.1	96.3	85.7	75.1	66.3	57.3	48.0	38.4	29.2
18.75°	146.7	131.9	117.8	104.9	93.9	82.8	72.4	63.2	53.8	44.1	34.2
17.5°	161.8	144.7	129.2	114.7	101.7	90.3	78.8	68.8	59.2	49.4	39.4
16.25°	177.9	158.3	140.8	124.9	110.2	97.4	85.6	74.1	64.3	54.5	44.2
15°	195.1	172.4	152.5	135.0	118.9	104.2	92.1	79.9	69.1	59.1	48.8
13.75°	213.8	187.1	164.8	145.2	127.8	111.9	98.1	85.7	73.6	63.4	53.1
12.5°	231.5	203.3	177.4	155.5	136.4	119.2	103.7	91.0	78.2	67.3	56.9
11.25°	247.9	218.9	189.6	165.5	144.8	126.5	110.0	96.0	82.9	71.0	60.4
10°	265.3	233.1	203.0	175.7	152.9	133.2	115.7	100.4	87.2	74.3	63.5
8.75°	284.2	246.0	215.2	185.2	160.7	139.7	121.1	104.6	91.0	77.6	66.3
7.5°	300.9	257.7	226.0	194.4	167.6	145.4	126.1	108.8	94.4	80.8	68.8
6.25°	315.4	271.2	235.2	203.1	174.3	150.5	130.4	112.4	97.2	83.5	70.9
5°	327.4	282.5	242.9	210.4	179.9	155.1	134.0	115.4	99.6	85.7	72.6
3.75°	336.8	291.4	248.9	216.1	184.4	158.7	137.0	117.8	101.4	87.5	74.0
2.5°	343.7	297.8	253.3	220.2	187.5	161.4	139.2	119.7	102.7	88.7	74.9
1.25°	347.8	301.7	255.9	222.6	189.5	162.9	140.5	120.8	103.5	89.5	75.5
0°	349.2	303.0	256.8	223.5	190.1	163.5	140.9	121.2	103.8	89.8	75.7
-1.25°	347.8	301.7	255.9	222.6	189.5	162.9	140.5	120.8	103.5	89.5	75.5
-2.5°	343.7	297.8	253.3	220.2	187.5	161.4	139.2	119.7	102.7	88.7	74.9
-3.75°	336.8	291.4	248.9	216.1	184.4	158.7	137.0	117.8	101.4	87.5	74.0
-5°	327.4	282.5	242.9	210.4	179.9	155.1	134.0	115.4	99.6	85.7	72.6
-6.25°	315.4	271.2	235.2	203.1	174.3	150.5	130.4	112.4	97.2	83.5	70.9
-7.5°	300.9	257.7	226.0	194.4	167.6	145.4	126.1	108.8	94.4	80.8	68.8
-8.75°	284.2	246.0	215.2	185.2	160.7	139.7	121.1	104.6	91.0	77.6	66.3
-10°	265.3	233.1	203.0	175.7	152.9	133.2	115.7	100.4	87.2	74.3	63.5
-11.25°	247.9	218.9	189.6	165.5	144.8	126.5	110.0	96.0	82.9	71.0	60.4
-12.5°	231.5	203.3	177.4	155.5	136.4	119.2	103.7	91.0	78.2	67.3	56.9
-13.75°	213.8	187.1	164.8	145.2	127.8	111.9	98.1	85.7	73.6	63.4	53.1
-15°	195.1	172.4	152.5	135.0	118.9	104.2	92.1	79.9	69.1	59.1	48.8
-16.25°	177.9	158.3	140.8	124.9	110.2	97.4	85.6	74.1	64.3	54.5	44.2
-17.5°	161.8	144.7	129.2	114.7	101.7	90.3	78.8	68.8	59.2	49.4	39.4
-18.75°	146.7	131.9	117.8	104.9	93.9	82.8	72.4	63.2	53.8	44.1	34.2
-20°	132.8	119.5	107.1	96.3	85.7	75.1	66.3	57.3	48.0	38.4	29.2
-21.25°	119.5	107.9	97.5	87.5	77.3	68.5	59.9	51.1	41.9	32.5	26.8



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	107.1	97.5	88.1	78.4	69.9	61.7	53.3	44.5	35.5	28.2	24.4
-23.75°	96.3	87.5	78.4	70.3	62.6	54.6	46.2	37.7	29.3	25.5	21.8
-25°	85.7	77.3	69.9	62.6	55.0	47.1	38.9	30.6	26.4	22.8	19.4
-26.25°	75.1	68.5	61.7	54.6	47.1	39.4	31.4	26.9	23.5	19.9	18.1
-27.5°	66.3	59.9	53.3	46.2	38.9	31.4	27.1	23.8	20.4	18.4	16.8
-28.75°	57.3	51.1	44.5	37.7	30.6	26.9	23.8	20.6	18.6	17.0	15.4
-30°	48.0	41.9	35.5	29.3	26.4	23.5	20.4	18.6	17.1	15.6	14.4
-31.25°	38.4	32.5	28.2	25.5	22.8	19.9	18.4	17.0	15.6	14.5	13.5
-32.5°	29.2	26.8	24.4	21.8	19.4	18.1	16.8	15.4	14.4	13.5	12.5
-33.75°	25.1	22.8	20.4	18.9	17.7	16.4	15.1	14.3	13.4	12.5	11.7
-35°	21.0	19.3	18.2	17.1	15.9	14.8	14.0	13.2	12.3	11.6	10.9
-36.25°	18.4	17.4	16.3	15.2	14.5	13.7	12.9	12.1	11.5	10.8	10.1
-37.5°	16.4	15.4	14.7	14.0	13.3	12.5	11.8	11.2	10.6	10.0	9.4
-38.75°	14.7	14.0	13.4	12.8	12.1	11.5	11.0	10.4	9.8	9.2	8.6
-40°	13.4	12.8	12.2	11.7	11.2	10.6	10.1	9.5	9.0	8.4	7.8
-41.25°	12.1	11.6	11.2	10.7	10.2	9.7	9.2	8.7	8.2	7.6	7.4
-42.5°	11.0	10.6	10.2	9.7	9.3	8.8	8.3	7.8	7.5	7.3	7.1
-43.75°	10.0	9.6	9.2	8.8	8.4	7.9	7.6	7.4	7.2	7.0	6.8
-45°	9.0	8.7	8.3	7.9	7.6	7.4	7.2	7.1	6.9	6.7	6.6
-46.25°	8.1	7.7	7.5	7.4	7.2	7.1	6.9	6.7	6.6	6.4	6.3
-47.5°	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.5	6.3	6.2	6.1
-48.75°	7.1	6.9	6.8	6.7	6.6	6.5	6.3	6.2	6.1	6.1	6.1
-50°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1
-51.25°	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9
-52.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.6
-53.75°	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.7	5.6	5.4	5.3
-55°	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.3
-56.25°	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.3	5.3	5.3	5.3
-57.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-61.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-63.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1
-65°	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.1	5.0	4.9	4.8
-66.25°	5.2	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.5
-67.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2
-68.75°	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.0	4.0	3.9
-70°	4.1	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8
-71.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7
-73.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.4	3.4
-75°	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.0
-76.25°	3.1	3.1	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4
-77.5°	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.8



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-81.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
-83.75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9
81.25°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3
78.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
76.25°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.5
75°	3.0	2.8	2.7	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7
73.75°	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.3	2.2
72.5°	3.6	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.7
71.25°	3.8	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1
70°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.4
68.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6
67.5°	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
66.25°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8
65°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8
63.75°	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9
62.5°	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.2	4.1
61.25°	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.7	4.6
58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	5.0	4.8
57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1
56.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
55°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
53.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
52.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
51.25°	5.7	5.6	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
50°	6.0	5.9	5.7	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3
48.75°	6.1	6.1	6.0	5.8	5.6	5.4	5.3	5.3	5.3	5.3	5.3
47.5°	6.1	6.1	6.1	6.1	5.9	5.7	5.5	5.3	5.3	5.3	5.3
46.25°	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.5	5.3	5.3	5.3
45°	6.4	6.2	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.3
43.75°	6.6	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3
42.5°	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.5
41.25°	7.2	7.0	6.8	6.6	6.4	6.1	6.1	6.1	6.1	6.0	5.7
40°	7.5	7.2	7.0	6.8	6.6	6.4	6.1	6.1	6.1	6.1	5.9
38.75°	8.0	7.5	7.3	7.0	6.8	6.6	6.4	6.1	6.1	6.1	6.1
37.5°	8.7	8.1	7.5	7.3	7.0	6.8	6.6	6.3	6.1	6.1	6.1
36.25°	9.5	8.8	8.1	7.5	7.3	7.0	6.8	6.5	6.3	6.1	6.1
35°	10.2	9.5	8.8	8.1	7.5	7.2	7.0	6.7	6.5	6.2	6.1



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	10.9	10.2	9.5	8.7	8.0	7.5	7.2	6.9	6.6	6.4	6.1
32.5°	11.7	10.9	10.1	9.4	8.6	7.8	7.4	7.1	6.8	6.6	6.3
31.25°	12.5	11.6	10.8	10.0	9.2	8.4	7.6	7.3	7.0	6.7	6.4
30°	13.4	12.3	11.5	10.6	9.8	9.0	8.2	7.5	7.2	6.9	6.6
28.75°	14.3	13.2	12.1	11.2	10.4	9.5	8.7	7.8	7.4	7.1	6.7
27.5°	15.1	14.0	12.9	11.8	11.0	10.1	9.2	8.3	7.6	7.2	6.9
26.25°	16.4	14.8	13.7	12.5	11.5	10.6	9.7	8.8	7.9	7.4	7.1
25°	17.7	15.9	14.5	13.3	12.1	11.2	10.2	9.3	8.4	7.6	7.2
23.75°	18.9	17.1	15.2	14.0	12.8	11.7	10.7	9.7	8.8	7.9	7.4
22.5°	20.4	18.2	16.3	14.7	13.4	12.2	11.2	10.2	9.2	8.3	7.5
21.25°	22.8	19.3	17.4	15.4	14.0	12.8	11.6	10.6	9.6	8.7	7.7
20°	25.1	21.0	18.4	16.4	14.7	13.4	12.1	11.0	10.0	9.0	8.1
18.75°	27.3	23.1	19.3	17.3	15.3	13.9	12.6	11.4	10.4	9.4	8.4
17.5°	29.4	25.1	20.8	18.2	16.1	14.4	13.1	11.8	10.8	9.7	8.7
16.25°	33.9	27.0	22.6	19.0	16.9	14.9	13.5	12.2	11.1	10.0	9.0
15°	38.2	28.7	24.3	19.8	17.6	15.5	14.0	12.6	11.4	10.3	9.3
13.75°	42.3	31.6	25.8	21.3	18.3	16.2	14.4	13.0	11.7	10.6	9.5
12.5°	46.1	35.2	27.3	22.7	18.9	16.8	14.8	13.3	12.0	10.9	9.8
11.25°	49.6	38.5	28.6	24.0	19.5	17.3	15.1	13.7	12.2	11.1	10.0
10°	52.7	41.5	30.2	25.1	20.4	17.8	15.6	14.0	12.5	11.3	10.2
8.75°	55.4	44.2	32.8	26.1	21.4	18.2	16.0	14.2	12.8	11.5	10.4
7.5°	57.8	46.5	35.0	27.0	22.2	18.6	16.4	14.5	13.0	11.7	10.5
6.25°	59.8	48.5	36.9	27.8	22.9	19.0	16.7	14.7	13.2	11.8	10.7
5°	61.4	50.1	38.5	28.4	23.5	19.2	16.9	14.8	13.3	11.9	10.8
3.75°	62.7	51.4	39.7	28.9	24.0	19.4	17.1	14.9	13.4	12.0	10.8
2.5°	63.6	52.3	40.6	29.2	24.3	19.6	17.3	15.0	13.5	12.0	10.9
1.25°	64.2	52.8	41.1	29.4	24.5	19.7	17.4	15.1	13.6	12.1	10.9
0°	64.4	53.0	41.3	29.5	24.6	19.7	17.4	15.1	13.6	12.1	11.0
-1.25°	64.2	52.8	41.1	29.4	24.5	19.7	17.4	15.1	13.6	12.1	10.9
-2.5°	63.6	52.3	40.6	29.2	24.3	19.6	17.3	15.0	13.5	12.0	10.9
-3.75°	62.7	51.4	39.7	28.9	24.0	19.4	17.1	14.9	13.4	12.0	10.8
-5°	61.4	50.1	38.5	28.4	23.5	19.2	16.9	14.8	13.3	11.9	10.8
-6.25°	59.8	48.5	36.9	27.8	22.9	19.0	16.7	14.7	13.2	11.8	10.7
-7.5°	57.8	46.5	35.0	27.0	22.2	18.6	16.4	14.5	13.0	11.7	10.5
-8.75°	55.4	44.2	32.8	26.1	21.4	18.2	16.0	14.2	12.8	11.5	10.4
-10°	52.7	41.5	30.2	25.1	20.4	17.8	15.6	14.0	12.5	11.3	10.2
-11.25°	49.6	38.5	28.6	24.0	19.5	17.3	15.1	13.7	12.2	11.1	10.0
-12.5°	46.1	35.2	27.3	22.7	18.9	16.8	14.8	13.3	12.0	10.9	9.8
-13.75°	42.3	31.6	25.8	21.3	18.3	16.2	14.4	13.0	11.7	10.6	9.5
-15°	38.2	28.7	24.3	19.8	17.6	15.5	14.0	12.6	11.4	10.3	9.3
-16.25°	33.9	27.0	22.6	19.0	16.9	14.9	13.5	12.2	11.1	10.0	9.0
-17.5°	29.4	25.1	20.8	18.2	16.1	14.4	13.1	11.8	10.8	9.7	8.7
-18.75°	27.3	23.1	19.3	17.3	15.3	13.9	12.6	11.4	10.4	9.4	8.4
-20°	25.1	21.0	18.4	16.4	14.7	13.4	12.1	11.0	10.0	9.0	8.1
-21.25°	22.8	19.3	17.4	15.4	14.0	12.8	11.6	10.6	9.6	8.7	7.7



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	20.4	18.2	16.3	14.7	13.4	12.2	11.2	10.2	9.2	8.3	7.5
-23.75°	18.9	17.1	15.2	14.0	12.8	11.7	10.7	9.7	8.8	7.9	7.4
-25°	17.7	15.9	14.5	13.3	12.1	11.2	10.2	9.3	8.4	7.6	7.2
-26.25°	16.4	14.8	13.7	12.5	11.5	10.6	9.7	8.8	7.9	7.4	7.1
-27.5°	15.1	14.0	12.9	11.8	11.0	10.1	9.2	8.3	7.6	7.2	6.9
-28.75°	14.3	13.2	12.1	11.2	10.4	9.5	8.7	7.8	7.4	7.1	6.7
-30°	13.4	12.3	11.5	10.6	9.8	9.0	8.2	7.5	7.2	6.9	6.6
-31.25°	12.5	11.6	10.8	10.0	9.2	8.4	7.6	7.3	7.0	6.7	6.4
-32.5°	11.7	10.9	10.1	9.4	8.6	7.8	7.4	7.1	6.8	6.6	6.3
-33.75°	10.9	10.2	9.5	8.7	8.0	7.5	7.2	6.9	6.6	6.4	6.1
-35°	10.2	9.5	8.8	8.1	7.5	7.2	7.0	6.7	6.5	6.2	6.1
-36.25°	9.5	8.8	8.1	7.5	7.3	7.0	6.8	6.5	6.3	6.1	6.1
-37.5°	8.7	8.1	7.5	7.3	7.0	6.8	6.6	6.3	6.1	6.1	6.1
-38.75°	8.0	7.5	7.3	7.0	6.8	6.6	6.4	6.1	6.1	6.1	6.1
-40°	7.5	7.2	7.0	6.8	6.6	6.4	6.1	6.1	6.1	6.1	5.9
-41.25°	7.2	7.0	6.8	6.6	6.4	6.1	6.1	6.1	6.1	6.0	5.7
-42.5°	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.5
-43.75°	6.6	6.5	6.3	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3
-45°	6.4	6.2	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.3
-46.25°	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.5	5.3	5.3	5.3
-47.5°	6.1	6.1	6.1	6.1	5.9	5.7	5.5	5.3	5.3	5.3	5.3
-48.75°	6.1	6.1	6.0	5.8	5.6	5.4	5.3	5.3	5.3	5.3	5.3
-50°	6.0	5.9	5.7	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-51.25°	5.7	5.6	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-52.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-53.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-55°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-56.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.1
-58.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	5.0	4.8
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.7	4.6
-61.25°	5.3	5.3	5.3	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3
-62.5°	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.2	4.1
-63.75°	5.0	4.9	4.8	4.7	4.6	4.4	4.3	4.2	4.1	4.0	3.9
-65°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8
-66.25°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8
-67.5°	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-68.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6
-70°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.4
-71.25°	3.8	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1
-72.5°	3.6	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.7
-73.75°	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.3	2.2
-75°	3.0	2.8	2.7	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7
-76.25°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.5
-77.5°	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.3
-81.25°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
-82.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9
-83.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
81.25°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
80°	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.8
78.75°	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.2	1.1
76.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
73.75°	2.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72.5°	2.5	2.4	2.2	2.0	1.8	1.6	1.5	1.5	1.5	1.5	1.5
71.25°	3.0	2.8	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.5	1.5
70°	3.3	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6	1.5
68.75°	3.5	3.4	3.3	3.2	3.1	2.9	2.7	2.5	2.2	2.0	1.8
67.5°	3.8	3.7	3.6	3.4	3.3	3.2	3.1	2.9	2.6	2.4	2.1
66.25°	3.8	3.8	3.8	3.7	3.5	3.4	3.3	3.1	3.0	2.7	2.5
65°	3.8	3.8	3.8	3.8	3.8	3.6	3.5	3.3	3.2	3.1	2.8
63.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.4	3.2	3.1
62.5°	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.6	3.4	3.3
61.25°	4.2	4.1	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.6	3.5
60°	4.4	4.3	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.6
58.75°	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.8	3.8	3.8	3.8
57.5°	4.9	4.7	4.6	4.4	4.2	4.1	3.9	3.8	3.8	3.8	3.8
56.25°	5.2	5.0	4.8	4.6	4.4	4.3	4.1	3.9	3.8	3.8	3.8
55°	5.3	5.2	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.8	3.8
53.75°	5.3	5.3	5.2	5.1	4.9	4.6	4.5	4.3	4.1	3.9	3.8
52.5°	5.3	5.3	5.3	5.3	5.1	4.9	4.6	4.4	4.2	4.1	3.9
51.25°	5.3	5.3	5.3	5.3	5.3	5.1	4.8	4.6	4.4	4.2	4.0
50°	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.8	4.6	4.4	4.1
48.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.7	4.5	4.3
47.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	4.9	4.7	4.4
46.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.8	4.6
45°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.7
43.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.9
42.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0
41.25°	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2
40°	5.7	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
38.75°	5.9	5.6	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
37.5°	6.1	5.8	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
36.25°	6.1	6.0	5.7	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3
35°	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3	5.3	5.3



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	6.1	6.1	6.0	5.7	5.4	5.3	5.3	5.3	5.3	5.3	5.3
32.5°	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3	5.3
31.25°	6.2	6.1	6.1	6.1	5.7	5.4	5.3	5.3	5.3	5.3	5.3
30°	6.3	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3
28.75°	6.5	6.2	6.1	6.1	6.0	5.7	5.4	5.3	5.3	5.3	5.3
27.5°	6.6	6.3	6.1	6.1	6.1	5.8	5.5	5.3	5.3	5.3	5.3
26.25°	6.7	6.5	6.2	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3
25°	6.9	6.6	6.3	6.1	6.1	6.1	5.7	5.4	5.3	5.3	5.3
23.75°	7.0	6.7	6.4	6.1	6.1	6.1	5.8	5.5	5.3	5.3	5.3
22.5°	7.2	6.8	6.5	6.2	6.1	6.1	5.9	5.6	5.3	5.3	5.3
21.25°	7.3	6.9	6.6	6.3	6.1	6.1	6.0	5.7	5.3	5.3	5.3
20°	7.4	7.1	6.7	6.4	6.1	6.1	6.1	5.8	5.4	5.3	5.3
18.75°	7.5	7.2	6.8	6.5	6.2	6.1	6.1	5.9	5.5	5.3	5.3
17.5°	7.7	7.3	6.9	6.6	6.2	6.1	6.1	5.9	5.6	5.3	5.3
16.25°	8.0	7.4	7.0	6.6	6.3	6.1	6.1	6.0	5.6	5.3	5.3
15°	8.2	7.5	7.1	6.7	6.4	6.1	6.1	6.1	5.7	5.3	5.3
13.75°	8.5	7.5	7.2	6.8	6.5	6.1	6.1	6.1	5.8	5.4	5.3
12.5°	8.7	7.7	7.2	6.9	6.5	6.2	6.1	6.1	5.8	5.4	5.3
11.25°	8.9	7.9	7.3	6.9	6.6	6.2	6.1	6.1	5.9	5.5	5.3
10°	9.1	8.0	7.4	7.0	6.6	6.3	6.1	6.1	5.9	5.5	5.3
8.75°	9.3	8.2	7.4	7.0	6.7	6.3	6.1	6.1	6.0	5.6	5.3
7.5°	9.4	8.3	7.5	7.1	6.7	6.3	6.1	6.1	6.0	5.6	5.3
6.25°	9.5	8.4	7.5	7.1	6.7	6.4	6.1	6.1	6.0	5.6	5.3
5°	9.6	8.5	7.5	7.1	6.8	6.4	6.1	6.1	6.1	5.7	5.3
3.75°	9.7	8.6	7.6	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3
2.5°	9.8	8.7	7.6	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3
1.25°	9.8	8.7	7.6	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3
0°	9.8	8.7	7.6	7.2	6.8	6.5	6.1	6.1	6.1	5.7	5.3
-1.25°	9.8	8.7	7.6	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3
-2.5°	9.8	8.7	7.6	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3
-3.75°	9.7	8.6	7.6	7.2	6.8	6.4	6.1	6.1	6.1	5.7	5.3
-5°	9.6	8.5	7.5	7.1	6.8	6.4	6.1	6.1	6.1	5.7	5.3
-6.25°	9.5	8.4	7.5	7.1	6.7	6.4	6.1	6.1	6.0	5.6	5.3
-7.5°	9.4	8.3	7.5	7.1	6.7	6.3	6.1	6.1	6.0	5.6	5.3
-8.75°	9.3	8.2	7.4	7.0	6.7	6.3	6.1	6.1	6.0	5.6	5.3
-10°	9.1	8.0	7.4	7.0	6.6	6.3	6.1	6.1	5.9	5.5	5.3
-11.25°	8.9	7.9	7.3	6.9	6.6	6.2	6.1	6.1	5.9	5.5	5.3
-12.5°	8.7	7.7	7.2	6.9	6.5	6.2	6.1	6.1	5.8	5.4	5.3
-13.75°	8.5	7.5	7.2	6.8	6.5	6.1	6.1	6.1	5.8	5.4	5.3
-15°	8.2	7.5	7.1	6.7	6.4	6.1	6.1	6.1	5.7	5.3	5.3
-16.25°	8.0	7.4	7.0	6.6	6.3	6.1	6.1	6.0	5.6	5.3	5.3
-17.5°	7.7	7.3	6.9	6.6	6.2	6.1	6.1	5.9	5.6	5.3	5.3
-18.75°	7.5	7.2	6.8	6.5	6.2	6.1	6.1	5.9	5.5	5.3	5.3
-20°	7.4	7.1	6.7	6.4	6.1	6.1	6.1	5.8	5.4	5.3	5.3
-21.25°	7.3	6.9	6.6	6.3	6.1	6.1	6.0	5.7	5.3	5.3	5.3



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	7.2	6.8	6.5	6.2	6.1	6.1	5.9	5.6	5.3	5.3	5.3
-23.75°	7.0	6.7	6.4	6.1	6.1	6.1	5.8	5.5	5.3	5.3	5.3
-25°	6.9	6.6	6.3	6.1	6.1	6.1	5.7	5.4	5.3	5.3	5.3
-26.25°	6.7	6.5	6.2	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3
-27.5°	6.6	6.3	6.1	6.1	6.1	5.8	5.5	5.3	5.3	5.3	5.3
-28.75°	6.5	6.2	6.1	6.1	6.0	5.7	5.4	5.3	5.3	5.3	5.3
-30°	6.3	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3
-31.25°	6.2	6.1	6.1	6.1	5.7	5.4	5.3	5.3	5.3	5.3	5.3
-32.5°	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3	5.3
-33.75°	6.1	6.1	6.0	5.7	5.4	5.3	5.3	5.3	5.3	5.3	5.3
-35°	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-36.25°	6.1	6.0	5.7	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-37.5°	6.1	5.8	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-38.75°	5.9	5.6	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-40°	5.7	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-41.25°	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2
-42.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0
-43.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.9
-45°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.7
-46.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.1	4.8	4.6
-47.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	4.9	4.7	4.4
-48.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.7	4.5	4.3
-50°	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.8	4.6	4.4	4.1
-51.25°	5.3	5.3	5.3	5.3	5.3	5.1	4.8	4.6	4.4	4.2	4.0
-52.5°	5.3	5.3	5.3	5.3	5.1	4.9	4.6	4.4	4.2	4.1	3.9
-53.75°	5.3	5.3	5.2	5.1	4.9	4.6	4.5	4.3	4.1	3.9	3.8
-55°	5.3	5.2	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.8	3.8
-56.25°	5.2	5.0	4.8	4.6	4.4	4.3	4.1	3.9	3.8	3.8	3.8
-57.5°	4.9	4.7	4.6	4.4	4.2	4.1	3.9	3.8	3.8	3.8	3.8
-58.75°	4.7	4.5	4.4	4.2	4.1	3.9	3.8	3.8	3.8	3.8	3.8
-60°	4.4	4.3	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.6
-61.25°	4.2	4.1	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.6	3.5
-62.5°	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.6	3.4	3.3
-63.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.4	3.2	3.1
-65°	3.8	3.8	3.8	3.8	3.8	3.6	3.5	3.3	3.2	3.1	2.8
-66.25°	3.8	3.8	3.8	3.7	3.5	3.4	3.3	3.1	3.0	2.7	2.5
-67.5°	3.8	3.7	3.6	3.4	3.3	3.2	3.1	2.9	2.6	2.4	2.1
-68.75°	3.5	3.4	3.3	3.2	3.1	2.9	2.7	2.5	2.2	2.0	1.8
-70°	3.3	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6	1.5
-71.25°	3.0	2.8	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.5	1.5
-72.5°	2.5	2.4	2.2	2.0	1.8	1.6	1.5	1.5	1.5	1.5	1.5
-73.75°	2.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-76.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3
-77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.2	1.1



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0
-80°	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.8
-81.25°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	5.3	5.3	5.0	4.7	4.4	4.1	3.8	3.8	3.8	3.6	3.3
32.5°	5.3	5.3	5.1	4.8	4.5	4.2	3.9	3.8	3.8	3.7	3.4
31.25°	5.3	5.3	5.2	4.9	4.5	4.2	4.0	3.8	3.8	3.8	3.4
30°	5.3	5.3	5.3	5.0	4.6	4.3	4.0	3.8	3.8	3.8	3.5
28.75°	5.3	5.3	5.3	5.1	4.7	4.4	4.1	3.8	3.8	3.8	3.5
27.5°	5.3	5.3	5.3	5.1	4.8	4.5	4.2	3.8	3.8	3.8	3.6
26.25°	5.3	5.3	5.3	5.2	4.9	4.5	4.2	3.9	3.8	3.8	3.7
25°	5.3	5.3	5.3	5.3	5.0	4.6	4.3	4.0	3.8	3.8	3.7
23.75°	5.3	5.3	5.3	5.3	5.0	4.7	4.3	4.0	3.8	3.8	3.7
22.5°	5.3	5.3	5.3	5.3	5.1	4.7	4.4	4.1	3.8	3.8	3.8
21.25°	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.1	3.8	3.8	3.8
20°	5.3	5.3	5.3	5.3	5.2	4.8	4.5	4.1	3.8	3.8	3.8
18.75°	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.2	3.9	3.8	3.8
17.5°	5.3	5.3	5.3	5.3	5.3	4.9	4.6	4.2	3.9	3.8	3.8
16.25°	5.3	5.3	5.3	5.3	5.3	5.0	4.6	4.3	3.9	3.8	3.8
15°	5.3	5.3	5.3	5.3	5.3	5.0	4.7	4.3	4.0	3.8	3.8
13.75°	5.3	5.3	5.3	5.3	5.3	5.1	4.7	4.3	4.0	3.8	3.8
12.5°	5.3	5.3	5.3	5.3	5.3	5.1	4.7	4.4	4.0	3.8	3.8
11.25°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.0	3.8	3.8
10°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.1	3.8	3.8
8.75°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.1	3.8	3.8
7.5°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.5	4.1	3.8	3.8
6.25°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
5°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
3.75°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
2.5°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
1.25°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
0°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.2	3.8	3.8
-1.25°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
-2.5°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
-3.75°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
-5°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
-6.25°	5.3	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.1	3.8	3.8
-7.5°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.5	4.1	3.8	3.8
-8.75°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.1	3.8	3.8
-10°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.1	3.8	3.8
-11.25°	5.3	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.0	3.8	3.8
-12.5°	5.3	5.3	5.3	5.3	5.3	5.1	4.7	4.4	4.0	3.8	3.8
-13.75°	5.3	5.3	5.3	5.3	5.3	5.1	4.7	4.3	4.0	3.8	3.8
-15°	5.3	5.3	5.3	5.3	5.3	5.0	4.7	4.3	4.0	3.8	3.8
-16.25°	5.3	5.3	5.3	5.3	5.3	5.0	4.6	4.3	3.9	3.8	3.8
-17.5°	5.3	5.3	5.3	5.3	5.3	4.9	4.6	4.2	3.9	3.8	3.8
-18.75°	5.3	5.3	5.3	5.3	5.3	4.9	4.5	4.2	3.9	3.8	3.8
-20°	5.3	5.3	5.3	5.3	5.2	4.8	4.5	4.1	3.8	3.8	3.8
-21.25°	5.3	5.3	5.3	5.3	5.2	4.8	4.4	4.1	3.8	3.8	3.8



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
-83.75°	0.8	0.8	0.8	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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	3.0	2.3	1.7	1.5	1.5	1.4	1.1	0.9	0.8	0.8	0.7
32.5°	3.0	2.4	1.8	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
31.25°	3.1	2.5	1.9	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
30°	3.1	2.6	2.0	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
28.75°	3.2	2.7	2.1	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
27.5°	3.2	2.8	2.1	1.5	1.5	1.5	1.3	1.0	0.8	0.8	0.7
26.25°	3.3	2.9	2.2	1.5	1.5	1.5	1.3	1.0	0.8	0.8	0.7
25°	3.3	3.0	2.3	1.6	1.5	1.5	1.3	1.0	0.8	0.8	0.7
23.75°	3.4	3.0	2.4	1.7	1.5	1.5	1.3	1.0	0.8	0.8	0.7
22.5°	3.4	3.1	2.4	1.7	1.5	1.5	1.3	1.0	0.8	0.8	0.7
21.25°	3.5	3.1	2.5	1.8	1.5	1.5	1.4	1.0	0.8	0.8	0.7
20°	3.5	3.1	2.5	1.8	1.5	1.5	1.4	1.0	0.8	0.8	0.8
18.75°	3.5	3.2	2.6	1.9	1.5	1.5	1.4	1.1	0.8	0.8	0.8
17.5°	3.6	3.2	2.6	1.9	1.5	1.5	1.4	1.1	0.8	0.8	0.8
16.25°	3.6	3.2	2.7	2.0	1.5	1.5	1.4	1.1	0.8	0.8	0.8
15°	3.6	3.2	2.7	2.0	1.5	1.5	1.4	1.1	0.8	0.8	0.8
13.75°	3.7	3.3	2.8	2.1	1.5	1.5	1.4	1.1	0.8	0.8	0.8
12.5°	3.7	3.3	2.8	2.1	1.5	1.5	1.4	1.1	0.8	0.8	0.8
11.25°	3.7	3.3	2.9	2.1	1.5	1.5	1.5	1.1	0.8	0.8	0.8
10°	3.7	3.3	2.9	2.1	1.5	1.5	1.5	1.1	0.8	0.8	0.8
8.75°	3.7	3.3	2.9	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
7.5°	3.8	3.4	2.9	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
6.25°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
5°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
3.75°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
2.5°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
1.25°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
0°	3.8	3.4	3.0	2.3	1.5	1.5	1.5	1.2	0.8	0.8	0.8
-1.25°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-2.5°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-3.75°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-5°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-6.25°	3.8	3.4	3.0	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-7.5°	3.8	3.4	2.9	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-8.75°	3.7	3.3	2.9	2.2	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-10°	3.7	3.3	2.9	2.1	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-11.25°	3.7	3.3	2.9	2.1	1.5	1.5	1.5	1.1	0.8	0.8	0.8
-12.5°	3.7	3.3	2.8	2.1	1.5	1.5	1.4	1.1	0.8	0.8	0.8
-13.75°	3.7	3.3	2.8	2.1	1.5	1.5	1.4	1.1	0.8	0.8	0.8
-15°	3.6	3.2	2.7	2.0	1.5	1.5	1.4	1.1	0.8	0.8	0.8
-16.25°	3.6	3.2	2.7	2.0	1.5	1.5	1.4	1.1	0.8	0.8	0.8
-17.5°	3.6	3.2	2.6	1.9	1.5	1.5	1.4	1.1	0.8	0.8	0.8
-18.75°	3.5	3.2	2.6	1.9	1.5	1.5	1.4	1.1	0.8	0.8	0.8
-20°	3.5	3.1	2.5	1.8	1.5	1.5	1.4	1.0	0.8	0.8	0.8
-21.25°	3.5	3.1	2.5	1.8	1.5	1.5	1.4	1.0	0.8	0.8	0.7



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	3.4	3.1	2.4	1.7	1.5	1.5	1.3	1.0	0.8	0.8	0.7
-23.75°	3.4	3.0	2.4	1.7	1.5	1.5	1.3	1.0	0.8	0.8	0.7
-25°	3.3	3.0	2.3	1.6	1.5	1.5	1.3	1.0	0.8	0.8	0.7
-26.25°	3.3	2.9	2.2	1.5	1.5	1.5	1.3	1.0	0.8	0.8	0.7
-27.5°	3.2	2.8	2.1	1.5	1.5	1.5	1.3	1.0	0.8	0.8	0.7
-28.75°	3.2	2.7	2.1	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
-30°	3.1	2.6	2.0	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
-31.25°	3.1	2.5	1.9	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
-32.5°	3.0	2.4	1.8	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.7
-33.75°	3.0	2.3	1.7	1.5	1.5	1.4	1.1	0.9	0.8	0.8	0.7
-35°	2.8	2.2	1.6	1.5	1.5	1.4	1.1	0.8	0.8	0.8	0.7
-36.25°	2.7	2.1	1.5	1.5	1.5	1.4	1.1	0.8	0.8	0.8	0.6
-37.5°	2.6	2.0	1.5	1.5	1.5	1.3	1.1	0.8	0.8	0.8	0.6
-38.75°	2.5	1.9	1.5	1.5	1.5	1.3	1.0	0.8	0.8	0.8	0.6
-40°	2.4	1.8	1.5	1.5	1.5	1.3	1.0	0.8	0.8	0.8	0.6
-41.25°	2.2	1.7	1.5	1.5	1.5	1.2	1.0	0.8	0.8	0.8	0.6
-42.5°	2.1	1.6	1.5	1.5	1.5	1.2	0.9	0.8	0.8	0.8	0.6
-43.75°	2.0	1.5	1.5	1.5	1.4	1.2	0.9	0.8	0.8	0.8	0.6
-45°	1.8	1.5	1.5	1.5	1.4	1.1	0.9	0.8	0.8	0.8	0.6
-46.25°	1.7	1.5	1.5	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.6
-47.5°	1.5	1.5	1.5	1.5	1.3	1.1	0.8	0.8	0.8	0.8	0.5
-48.75°	1.5	1.5	1.5	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.5
-50°	1.5	1.5	1.5	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.5
-51.25°	1.5	1.5	1.5	1.4	1.1	0.9	0.8	0.8	0.8	0.8	0.5
-52.5°	1.5	1.5	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.7	0.5
-53.75°	1.5	1.5	1.5	1.3	1.1	0.8	0.8	0.8	0.8	0.7	0.5
-55°	1.5	1.5	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.7	0.5
-56.25°	1.5	1.5	1.3	1.1	1.0	0.8	0.8	0.8	0.8	0.7	0.4
-57.5°	1.5	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.6	0.4
-58.75°	1.5	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-60°	1.5	1.3	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-61.25°	1.4	1.2	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-62.5°	1.3	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.4
-63.75°	1.2	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4
-65°	1.2	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.3
-66.25°	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3
-67.5°	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3
-68.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3
-70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.3
-71.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.4	0.3
-72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.2
-73.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.2
-75°	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-76.25°	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-77.5°	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0.8	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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)