

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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220379 (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-LED3590-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

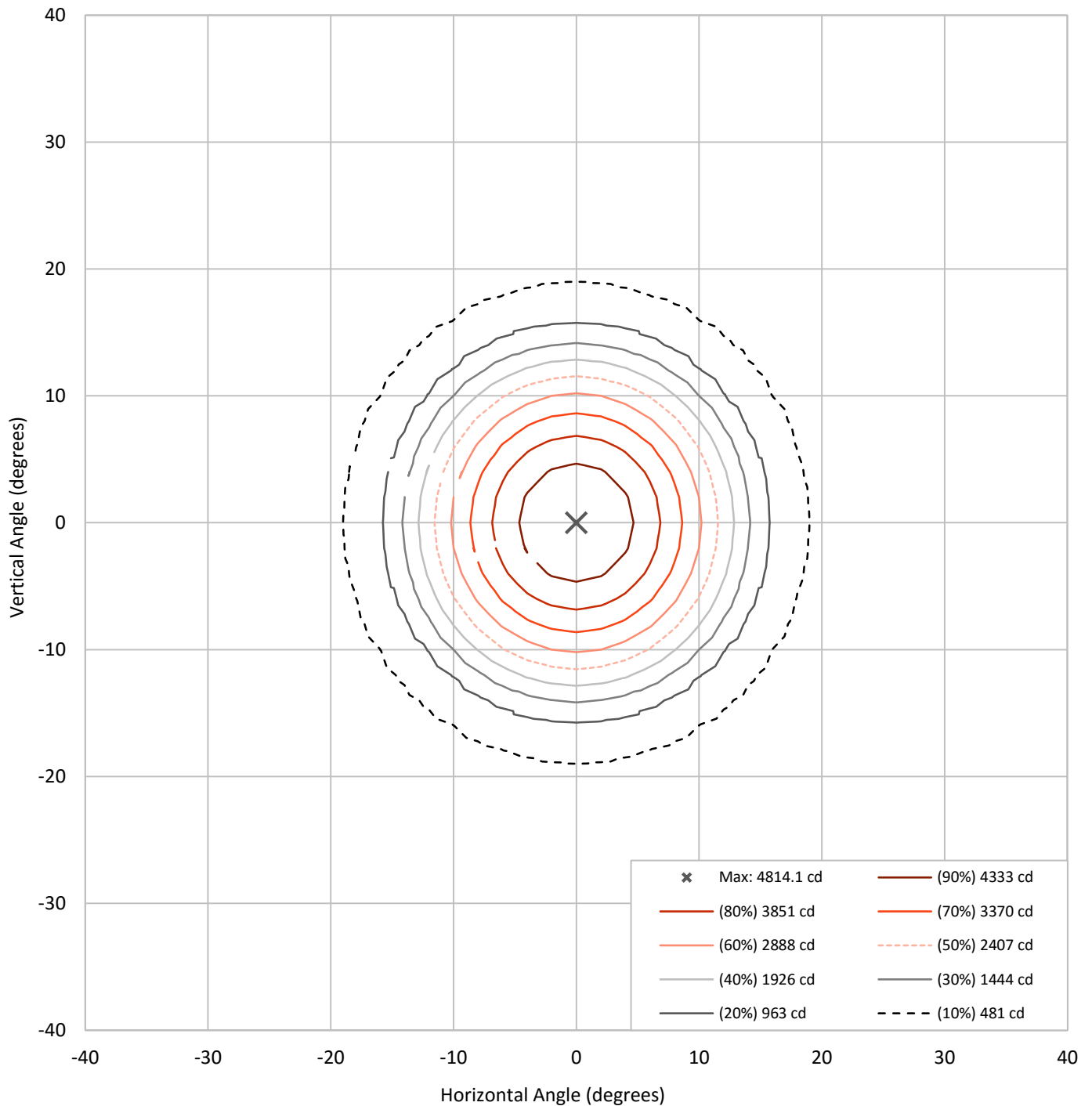
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	880.7 lumens	Max Intensity:	4814.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.1 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:	449.1 lumens	Field Lumens:	690.6 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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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

Iso-Candela Plot



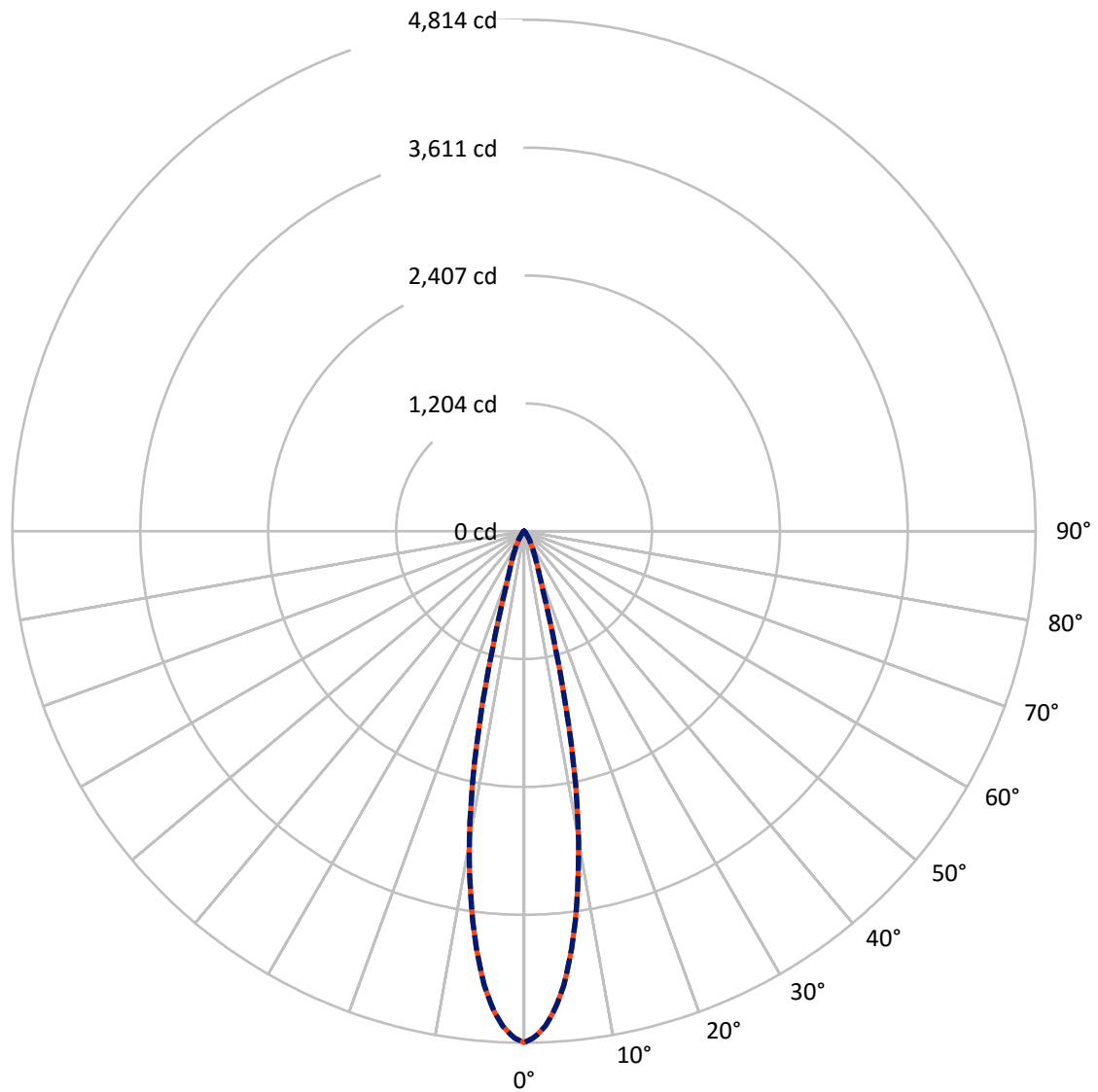
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Lumen Table

90	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0									
80	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0									
70	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0		
60		0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0			
50	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1		
40		0.1	0.1	0.2	0.3	0.6	1.2	1.8	1.8	1.2	0.6	0.3	0.2	0.1	0.1			
30	0.1	0.1	0.1	0.2	0.5	1.8	4.2	6.5	6.5	4.2	1.8	0.5	0.2	0.1	0.1	0.1		
20		0.1	0.1	0.3	1.0	3.9	11.6	33.3	33.3	11.6	3.9	1.0	0.3	0.1	0.1			
10	0.1	0.1	0.1	0.3	1.5	6.0	32.5	107.5	107.5	32.5	6.0	1.5	0.3	0.1	0.1	0.1		
0		0.1	0.1	0.3	1.5	6.0	32.5	107.5	107.5	32.5	6.0	1.5	0.3	0.1	0.1			
-10	0.1	0.1	0.1	0.3	1.5	6.0	32.5	107.5	107.5	32.5	6.0	1.5	0.3	0.1	0.1	0.1		
-20		0.1	0.1	0.3	1.0	3.9	11.6	33.3	33.3	11.6	3.9	1.0	0.3	0.1	0.1			
-30	0.1	0.1	0.1	0.2	0.5	1.8	4.2	6.5	6.5	4.2	1.8	0.5	0.2	0.1	0.1	0.1		
-40		0.1	0.1	0.2	0.3	0.6	1.2	1.8	1.8	1.2	0.6	0.3	0.2	0.1	0.1			
-50	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1		
-60		0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1			
-70	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
-80		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0			
-90	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0									

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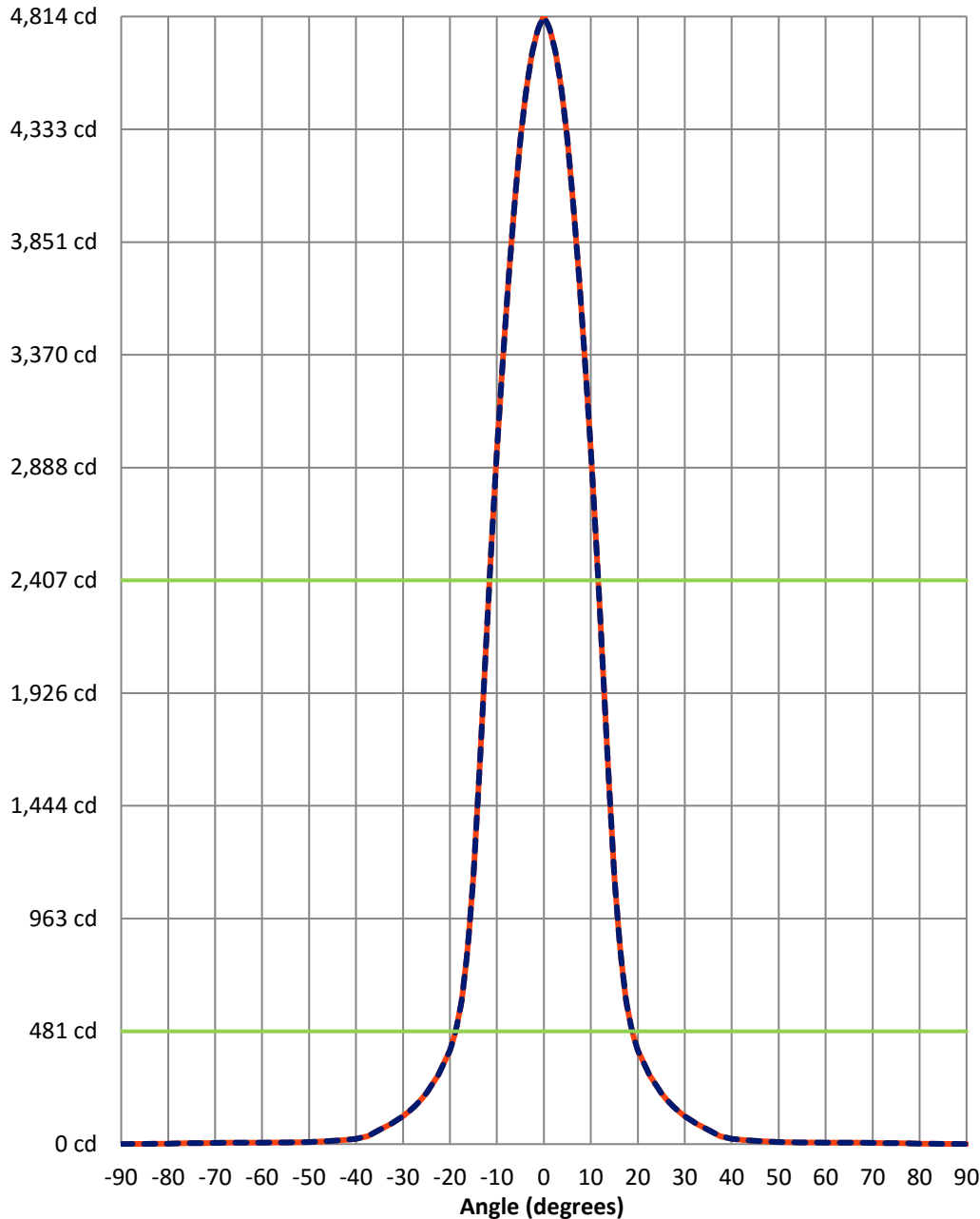
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 449.1
 Efficiency: 51.0%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 690.6
 Efficiency: 78.4%

Spill:
 Lumens: 190
 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	0.2	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
81.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
80°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
78.75°	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	0.9
75°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	0.9	0.9
73.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	0.9	0.9	0.9
72.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	0.9	0.9	0.9
71.25°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
68.75°	0.0	0.2	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.9
67.5°	0.0	0.2	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9
66.25°	0.0	0.2	0.4	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9
65°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
63.75°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.1
62.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	1.0	1.1
61.25°	0.0	0.2	0.4	0.6	0.9	0.9	0.9	0.9	0.9	1.0	1.2
60°	0.0	0.2	0.4	0.7	0.9	0.9	0.9	0.9	0.9	1.1	1.3
58.75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	1.0	1.2	1.4
57.5°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	1.0	1.2	1.4
56.25°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	1.1	1.3	1.5
55°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	1.1	1.4	1.6
53.75°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.2	1.4	1.7
52.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.2	1.5	1.7
51.25°	0.0	0.3	0.6	0.8	0.9	0.9	0.9	1.0	1.3	1.5	1.7
50°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.1	1.4	1.6	1.7
48.75°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.1	1.4	1.7	1.7
47.5°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.2	1.5	1.7	1.7
46.25°	0.0	0.3	0.6	0.9	0.9	0.9	1.0	1.2	1.5	1.7	1.7
45°	0.0	0.3	0.6	0.9	0.9	0.9	1.0	1.3	1.6	1.7	1.7
43.75°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	1.3	1.6	1.7	1.7
42.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.1	1.4	1.7	1.7	1.7
41.25°	0.0	0.3	0.7	0.9	0.9	0.9	1.1	1.4	1.7	1.7	1.7
40°	0.0	0.3	0.7	0.9	0.9	0.9	1.1	1.4	1.7	1.7	1.7
38.75°	0.0	0.4	0.7	0.9	0.9	0.9	1.2	1.5	1.7	1.7	1.7
37.5°	0.0	0.4	0.7	0.9	0.9	0.9	1.2	1.5	1.7	1.7	1.7
36.25°	0.0	0.4	0.7	0.9	0.9	0.9	1.2	1.6	1.7	1.7	1.7
35°	0.0	0.4	0.7	0.9	0.9	0.9	1.3	1.6	1.7	1.7	1.9



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.4	0.7	0.9	0.9	1.0	1.3	1.6	1.7	1.7	2.0
32.5°	0.0	0.4	0.8	0.9	0.9	1.0	1.3	1.7	1.7	1.7	2.1
31.25°	0.0	0.4	0.8	0.9	0.9	1.0	1.4	1.7	1.7	1.7	2.2
30°	0.0	0.4	0.8	0.9	0.9	1.0	1.4	1.7	1.7	1.7	2.3
28.75°	0.0	0.4	0.8	0.9	0.9	1.1	1.4	1.7	1.7	1.7	2.4
27.5°	0.0	0.4	0.8	0.9	0.9	1.1	1.4	1.7	1.7	1.7	2.5
26.25°	0.0	0.4	0.8	0.9	0.9	1.1	1.5	1.7	1.7	1.8	2.6
25°	0.0	0.4	0.8	0.9	0.9	1.1	1.5	1.7	1.7	1.8	2.6
23.75°	0.0	0.4	0.8	0.9	0.9	1.1	1.5	1.7	1.7	1.9	2.7
22.5°	0.0	0.4	0.8	0.9	0.9	1.1	1.5	1.7	1.7	2.0	2.8
21.25°	0.0	0.4	0.8	0.9	0.9	1.2	1.5	1.7	1.7	2.0	2.9
20°	0.0	0.4	0.8	0.9	0.9	1.2	1.6	1.7	1.7	2.1	2.9
18.75°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.2	3.0
17.5°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.2	3.1
16.25°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.3	3.1
15°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.3	3.2
13.75°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.4	3.2
12.5°	0.0	0.4	0.9	0.9	0.9	1.3	1.6	1.7	1.7	2.4	3.3
11.25°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.4	3.3
10°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.5	3.4
8.75°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.5	3.4
7.5°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.5	3.4
6.25°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.4
5°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
3.75°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
2.5°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
1.25°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
0°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
-1.25°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
-2.5°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
-3.75°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
-5°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.5
-6.25°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.6	3.4
-7.5°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.5	3.4
-8.75°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.5	3.4
-10°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.5	3.4
-11.25°	0.0	0.4	0.9	0.9	0.9	1.3	1.7	1.7	1.7	2.4	3.3
-12.5°	0.0	0.4	0.9	0.9	0.9	1.3	1.6	1.7	1.7	2.4	3.3
-13.75°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.4	3.2
-15°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.3	3.2
-16.25°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.3	3.1
-17.5°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.2	3.1
-18.75°	0.0	0.4	0.9	0.9	0.9	1.2	1.6	1.7	1.7	2.2	3.0
-20°	0.0	0.4	0.8	0.9	0.9	1.2	1.6	1.7	1.7	2.1	2.9
-21.25°	0.0	0.4	0.8	0.9	0.9	1.2	1.5	1.7	1.7	2.0	2.9



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



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9
-80°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-81.25°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
-86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
86.25°	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
85°	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
83.75°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9
82.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
81.25°	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
78.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1
76.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.2
75°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4
73.75°	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
72.5°	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
71.25°	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.7	1.7
70°	0.9	0.9	1.1	1.2	1.3	1.4	1.6	1.7	1.7	1.7	1.7
68.75°	0.9	1.0	1.2	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7
67.5°	1.0	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.7
66.25°	1.1	1.2	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.9
65°	1.1	1.3	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.3
63.75°	1.2	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.3	2.6
62.5°	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0
61.25°	1.4	1.6	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3
60°	1.5	1.7	1.7	1.7	1.7	1.7	2.0	2.4	2.9	3.3	3.6
58.75°	1.6	1.7	1.7	1.7	1.7	1.9	2.3	2.7	3.2	3.6	3.7
57.5°	1.6	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.5	3.7	3.9
56.25°	1.7	1.7	1.7	1.7	1.9	2.4	2.9	3.3	3.6	3.8	4.1
55°	1.7	1.7	1.7	1.7	2.1	2.6	3.1	3.6	3.8	4.0	4.2
53.75°	1.7	1.7	1.7	1.9	2.4	2.9	3.4	3.7	3.9	4.1	4.3
52.5°	1.7	1.7	1.7	2.1	2.6	3.2	3.6	3.8	4.0	4.3	4.3
51.25°	1.7	1.7	1.8	2.3	2.9	3.4	3.7	3.9	4.2	4.3	4.3
50°	1.7	1.7	2.0	2.5	3.1	3.6	3.8	4.1	4.3	4.3	4.3
48.75°	1.7	1.7	2.2	2.7	3.3	3.7	3.9	4.2	4.3	4.3	4.3
47.5°	1.7	1.8	2.3	2.9	3.5	3.8	4.0	4.3	4.3	4.3	4.3
46.25°	1.7	1.9	2.5	3.1	3.6	3.9	4.1	4.3	4.3	4.3	4.4
45°	1.7	2.1	2.7	3.3	3.7	4.0	4.3	4.3	4.3	4.3	4.6
43.75°	1.7	2.3	2.9	3.5	3.8	4.1	4.3	4.3	4.3	4.4	4.7
42.5°	1.8	2.4	3.1	3.6	3.9	4.2	4.3	4.3	4.3	4.5	4.9
41.25°	1.9	2.6	3.2	3.7	4.0	4.3	4.3	4.3	4.3	4.7	5.0
40°	2.1	2.7	3.4	3.8	4.1	4.3	4.3	4.3	4.5	4.8	5.1
38.75°	2.2	2.9	3.5	3.8	4.1	4.3	4.3	4.3	4.6	4.9	5.3
37.5°	2.3	3.0	3.6	3.9	4.2	4.3	4.3	4.4	4.7	5.1	5.4
36.25°	2.5	3.2	3.7	4.0	4.3	4.3	4.3	4.5	4.8	5.2	5.5
35°	2.6	3.3	3.7	4.1	4.3	4.3	4.3	4.6	4.9	5.3	5.6



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	2.7	3.4	3.8	4.1	4.3	4.3	4.3	4.7	5.0	5.4	5.8
32.5°	2.8	3.5	3.9	4.2	4.3	4.3	4.4	4.8	5.1	5.5	5.9
31.25°	2.9	3.6	3.9	4.3	4.3	4.3	4.5	4.9	5.3	5.6	6.0
30°	3.1	3.6	4.0	4.3	4.3	4.3	4.6	5.0	5.3	5.7	6.1
28.75°	3.2	3.7	4.0	4.3	4.3	4.3	4.7	5.1	5.4	5.8	6.1
27.5°	3.3	3.7	4.1	4.3	4.3	4.4	4.8	5.1	5.5	5.9	6.1
26.25°	3.4	3.8	4.2	4.3	4.3	4.4	4.8	5.2	5.6	6.0	6.1
25°	3.5	3.8	4.2	4.3	4.3	4.5	4.9	5.3	5.7	6.1	6.1
23.75°	3.5	3.9	4.2	4.3	4.3	4.6	5.0	5.4	5.8	6.1	6.1
22.5°	3.6	3.9	4.3	4.3	4.3	4.6	5.0	5.5	5.9	6.1	6.1
21.25°	3.6	4.0	4.3	4.3	4.3	4.7	5.1	5.5	5.9	6.1	6.1
20°	3.6	4.0	4.3	4.3	4.3	4.7	5.2	5.6	6.0	6.1	6.1
18.75°	3.7	4.0	4.3	4.3	4.4	4.8	5.2	5.6	6.1	6.1	6.1
17.5°	3.7	4.1	4.3	4.3	4.4	4.9	5.3	5.7	6.1	6.1	6.1
16.25°	3.7	4.1	4.3	4.3	4.5	4.9	5.3	5.8	6.1	6.1	6.1
15°	3.7	4.1	4.3	4.3	4.5	4.9	5.4	5.8	6.1	6.1	6.1
13.75°	3.8	4.2	4.3	4.3	4.5	5.0	5.4	5.9	6.1	6.1	6.1
12.5°	3.8	4.2	4.3	4.3	4.6	5.0	5.5	5.9	6.1	6.1	6.1
11.25°	3.8	4.2	4.3	4.3	4.6	5.1	5.5	5.9	6.1	6.1	6.1
10°	3.8	4.2	4.3	4.3	4.6	5.1	5.5	6.0	6.1	6.1	6.1
8.75°	3.8	4.2	4.3	4.3	4.7	5.1	5.6	6.0	6.1	6.1	6.1
7.5°	3.9	4.3	4.3	4.3	4.7	5.1	5.6	6.0	6.1	6.1	6.1
6.25°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.0	6.1	6.1	6.1
5°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
3.75°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
2.5°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
1.25°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
0°	3.9	4.3	4.3	4.3	4.8	5.2	5.7	6.1	6.1	6.1	6.1
-1.25°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
-2.5°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
-3.75°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
-5°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.1	6.1	6.1	6.1
-6.25°	3.9	4.3	4.3	4.3	4.7	5.2	5.6	6.0	6.1	6.1	6.1
-7.5°	3.9	4.3	4.3	4.3	4.7	5.1	5.6	6.0	6.1	6.1	6.1
-8.75°	3.8	4.2	4.3	4.3	4.7	5.1	5.6	6.0	6.1	6.1	6.1
-10°	3.8	4.2	4.3	4.3	4.6	5.1	5.5	6.0	6.1	6.1	6.1
-11.25°	3.8	4.2	4.3	4.3	4.6	5.1	5.5	5.9	6.1	6.1	6.1
-12.5°	3.8	4.2	4.3	4.3	4.6	5.0	5.5	5.9	6.1	6.1	6.1
-13.75°	3.8	4.2	4.3	4.3	4.5	5.0	5.4	5.9	6.1	6.1	6.1
-15°	3.7	4.1	4.3	4.3	4.5	4.9	5.4	5.8	6.1	6.1	6.1
-16.25°	3.7	4.1	4.3	4.3	4.5	4.9	5.3	5.8	6.1	6.1	6.1
-17.5°	3.7	4.1	4.3	4.3	4.4	4.9	5.3	5.7	6.1	6.1	6.1
-18.75°	3.7	4.0	4.3	4.3	4.4	4.8	5.2	5.6	6.1	6.1	6.1
-20°	3.6	4.0	4.3	4.3	4.3	4.7	5.2	5.6	6.0	6.1	6.1
-21.25°	3.6	4.0	4.3	4.3	4.3	4.7	5.1	5.5	5.9	6.1	6.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	3.6	3.9	4.3	4.3	4.3	4.6	5.0	5.5	5.9	6.1	6.1
-23.75°	3.5	3.9	4.2	4.3	4.3	4.6	5.0	5.4	5.8	6.1	6.1
-25°	3.5	3.8	4.2	4.3	4.3	4.5	4.9	5.3	5.7	6.1	6.1
-26.25°	3.4	3.8	4.2	4.3	4.3	4.4	4.8	5.2	5.6	6.0	6.1
-27.5°	3.3	3.7	4.1	4.3	4.3	4.4	4.8	5.1	5.5	5.9	6.1
-28.75°	3.2	3.7	4.0	4.3	4.3	4.3	4.7	5.1	5.4	5.8	6.1
-30°	3.1	3.6	4.0	4.3	4.3	4.3	4.6	5.0	5.3	5.7	6.1
-31.25°	2.9	3.6	3.9	4.3	4.3	4.3	4.5	4.9	5.3	5.6	6.0
-32.5°	2.8	3.5	3.9	4.2	4.3	4.3	4.4	4.8	5.1	5.5	5.9
-33.75°	2.7	3.4	3.8	4.1	4.3	4.3	4.3	4.7	5.0	5.4	5.8
-35°	2.6	3.3	3.7	4.1	4.3	4.3	4.3	4.6	4.9	5.3	5.6
-36.25°	2.5	3.2	3.7	4.0	4.3	4.3	4.3	4.5	4.8	5.2	5.5
-37.5°	2.3	3.0	3.6	3.9	4.2	4.3	4.3	4.4	4.7	5.1	5.4
-38.75°	2.2	2.9	3.5	3.8	4.1	4.3	4.3	4.3	4.6	4.9	5.3
-40°	2.1	2.7	3.4	3.8	4.1	4.3	4.3	4.3	4.5	4.8	5.1
-41.25°	1.9	2.6	3.2	3.7	4.0	4.3	4.3	4.3	4.3	4.7	5.0
-42.5°	1.8	2.4	3.1	3.6	3.9	4.2	4.3	4.3	4.3	4.5	4.9
-43.75°	1.7	2.3	2.9	3.5	3.8	4.1	4.3	4.3	4.3	4.4	4.7
-45°	1.7	2.1	2.7	3.3	3.7	4.0	4.3	4.3	4.3	4.3	4.6
-46.25°	1.7	1.9	2.5	3.1	3.6	3.9	4.1	4.3	4.3	4.3	4.4
-47.5°	1.7	1.8	2.3	2.9	3.5	3.8	4.0	4.3	4.3	4.3	4.3
-48.75°	1.7	1.7	2.2	2.7	3.3	3.7	3.9	4.2	4.3	4.3	4.3
-50°	1.7	1.7	2.0	2.5	3.1	3.6	3.8	4.1	4.3	4.3	4.3
-51.25°	1.7	1.7	1.8	2.3	2.9	3.4	3.7	3.9	4.2	4.3	4.3
-52.5°	1.7	1.7	1.7	2.1	2.6	3.2	3.6	3.8	4.0	4.3	4.3
-53.75°	1.7	1.7	1.7	1.9	2.4	2.9	3.4	3.7	3.9	4.1	4.3
-55°	1.7	1.7	1.7	1.7	2.1	2.6	3.1	3.6	3.8	4.0	4.2
-56.25°	1.7	1.7	1.7	1.7	1.9	2.4	2.9	3.3	3.6	3.8	4.1
-57.5°	1.6	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.5	3.7	3.9
-58.75°	1.6	1.7	1.7	1.7	1.7	1.9	2.3	2.7	3.2	3.6	3.7
-60°	1.5	1.7	1.7	1.7	1.7	1.7	2.0	2.4	2.9	3.3	3.6
-61.25°	1.4	1.6	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3
-62.5°	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0
-63.75°	1.2	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.3	2.6
-65°	1.1	1.3	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.3
-66.25°	1.1	1.2	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.9
-67.5°	1.0	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.7
-68.75°	0.9	1.0	1.2	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7
-70°	0.9	0.9	1.1	1.2	1.3	1.4	1.6	1.7	1.7	1.7	1.7
-71.25°	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.7	1.7
-72.5°	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
-73.75°	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
-75°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.4
-76.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.2
-77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-81.25°	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-82.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-83.75°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9
-85°	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-86.25°	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
-87.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
-88.75°	0.1	0.1	0.1	0.1	0.1	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.3	0.3	0.3	0.3	0.3
87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
86.25°	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
81.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
80°	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.4
78.75°	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6
77.5°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.7
76.25°	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
73.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.3	2.5
71.25°	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.4	2.6	2.9	3.1
70°	1.7	1.7	1.7	1.9	2.1	2.4	2.6	2.9	3.2	3.4	3.6
68.75°	1.7	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.6	3.7	3.8
67.5°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.7	3.8	3.9	4.1
66.25°	2.2	2.5	2.9	3.2	3.5	3.6	3.8	3.9	4.0	4.2	4.3
65°	2.6	2.9	3.3	3.6	3.7	3.8	4.0	4.1	4.3	4.3	4.3
63.75°	3.0	3.3	3.6	3.7	3.9	4.1	4.2	4.3	4.3	4.3	4.3
62.5°	3.4	3.6	3.8	3.9	4.1	4.3	4.3	4.3	4.3	4.3	4.3
61.25°	3.6	3.8	4.0	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.5
60°	3.8	4.0	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.6	4.7
58.75°	3.9	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.6	4.8	5.0
57.5°	4.1	4.3	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.1	5.3
56.25°	4.3	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.1	5.3	5.5
55°	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.1	5.4	5.6	5.8
53.75°	4.3	4.3	4.3	4.4	4.7	4.9	5.1	5.4	5.6	5.8	6.0
52.5°	4.3	4.3	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.1	6.1
51.25°	4.3	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.1	6.1
50°	4.3	4.5	4.7	5.0	5.3	5.5	5.8	6.0	6.1	6.1	6.1
48.75°	4.4	4.7	4.9	5.2	5.5	5.7	6.0	6.1	6.1	6.1	6.1
47.5°	4.5	4.8	5.1	5.4	5.7	5.9	6.1	6.1	6.1	6.1	6.1
46.25°	4.7	5.0	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1
45°	4.9	5.2	5.5	5.7	6.0	6.1	6.1	6.1	6.1	6.1	6.1
43.75°	5.0	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1
42.5°	5.2	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
41.25°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
40°	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
38.75°	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
37.5°	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3
36.25°	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5
35°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.8
32.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9
31.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.9	6.9
30°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9
28.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.8	6.9	6.9
27.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.6	6.9	6.9	6.9
26.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9	7.0
25°	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.9	6.9	6.9	7.1
23.75°	6.1	6.1	6.1	6.1	6.1	6.3	6.6	6.9	6.9	6.9	7.3
22.5°	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9	7.0	7.4
21.25°	6.1	6.1	6.1	6.1	6.1	6.5	6.8	6.9	6.9	7.1	7.5
20°	6.1	6.1	6.1	6.1	6.2	6.6	6.9	6.9	6.9	7.3	7.7
18.75°	6.1	6.1	6.1	6.1	6.3	6.7	6.9	6.9	7.0	7.4	7.8
17.5°	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9	7.1	7.5	7.9
16.25°	6.1	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.2	7.6	8.0
15°	6.1	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.7	8.1
13.75°	6.1	6.1	6.1	6.2	6.6	6.9	6.9	6.9	7.4	7.8	8.2
12.5°	6.1	6.1	6.1	6.2	6.6	6.9	6.9	7.0	7.4	7.9	8.3
11.25°	6.1	6.1	6.1	6.3	6.7	6.9	6.9	7.1	7.5	7.9	8.4
10°	6.1	6.1	6.1	6.3	6.7	6.9	6.9	7.1	7.6	8.0	8.4
8.75°	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.2	7.6	8.1	8.5
7.5°	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.2	7.7	8.1	8.6
6.25°	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.3	7.7	8.2	8.6
5°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.7	8.2	8.6
3.75°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.8	8.2	8.7
2.5°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.8	8.2	8.7
1.25°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.8	8.2	8.7
0°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.4	7.8	8.3	8.7
-1.25°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.8	8.2	8.7
-2.5°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.8	8.2	8.7
-3.75°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.8	8.2	8.7
-5°	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.7	8.2	8.6
-6.25°	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.3	7.7	8.2	8.6
-7.5°	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.2	7.7	8.1	8.6
-8.75°	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.2	7.6	8.1	8.5
-10°	6.1	6.1	6.1	6.3	6.7	6.9	6.9	7.1	7.6	8.0	8.4
-11.25°	6.1	6.1	6.1	6.3	6.7	6.9	6.9	7.1	7.5	7.9	8.4
-12.5°	6.1	6.1	6.1	6.2	6.6	6.9	6.9	7.0	7.4	7.9	8.3
-13.75°	6.1	6.1	6.1	6.2	6.6	6.9	6.9	6.9	7.4	7.8	8.2
-15°	6.1	6.1	6.1	6.1	6.5	6.9	6.9	6.9	7.3	7.7	8.1
-16.25°	6.1	6.1	6.1	6.1	6.4	6.8	6.9	6.9	7.2	7.6	8.0
-17.5°	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9	7.1	7.5	7.9
-18.75°	6.1	6.1	6.1	6.1	6.3	6.7	6.9	6.9	7.0	7.4	7.8
-20°	6.1	6.1	6.1	6.1	6.2	6.6	6.9	6.9	6.9	7.3	7.7
-21.25°	6.1	6.1	6.1	6.1	6.1	6.5	6.8	6.9	6.9	7.1	7.5



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9	7.0	7.4
-23.75°	6.1	6.1	6.1	6.1	6.1	6.3	6.6	6.9	6.9	6.9	7.3
-25°	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.9	6.9	6.9	7.1
-26.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9	7.0
-27.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.6	6.9	6.9	6.9
-28.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.8	6.9	6.9
-30°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9	6.9
-31.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.9	6.9
-32.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7	6.9
-33.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5	6.8
-35°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.4	6.7
-36.25°	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.5
-37.5°	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3
-38.75°	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-40°	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-41.25°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-42.5°	5.2	5.5	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-43.75°	5.0	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-45°	4.9	5.2	5.5	5.7	6.0	6.1	6.1	6.1	6.1	6.1	6.1
-46.25°	4.7	5.0	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.1	6.1
-47.5°	4.5	4.8	5.1	5.4	5.7	5.9	6.1	6.1	6.1	6.1	6.1
-48.75°	4.4	4.7	4.9	5.2	5.5	5.7	6.0	6.1	6.1	6.1	6.1
-50°	4.3	4.5	4.7	5.0	5.3	5.5	5.8	6.0	6.1	6.1	6.1
-51.25°	4.3	4.3	4.6	4.8	5.1	5.3	5.6	5.8	6.1	6.1	6.1
-52.5°	4.3	4.3	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.1	6.1
-53.75°	4.3	4.3	4.3	4.4	4.7	4.9	5.1	5.4	5.6	5.8	6.0
-55°	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.1	5.4	5.6	5.8
-56.25°	4.3	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.1	5.3	5.5
-57.5°	4.1	4.3	4.3	4.3	4.3	4.3	4.5	4.7	4.9	5.1	5.3
-58.75°	3.9	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.6	4.8	5.0
-60°	3.8	4.0	4.1	4.3	4.3	4.3	4.3	4.3	4.4	4.6	4.7
-61.25°	3.6	3.8	4.0	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.5
-62.5°	3.4	3.6	3.8	3.9	4.1	4.3	4.3	4.3	4.3	4.3	4.3
-63.75°	3.0	3.3	3.6	3.7	3.9	4.1	4.2	4.3	4.3	4.3	4.3
-65°	2.6	2.9	3.3	3.6	3.7	3.8	4.0	4.1	4.3	4.3	4.3
-66.25°	2.2	2.5	2.9	3.2	3.5	3.6	3.8	3.9	4.0	4.2	4.3
-67.5°	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.7	3.8	3.9	4.1
-68.75°	1.7	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.6	3.7	3.8
-70°	1.7	1.7	1.7	1.9	2.1	2.4	2.6	2.9	3.2	3.4	3.6
-71.25°	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.4	2.6	2.9	3.1
-72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.3	2.5
-73.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0
-75°	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-76.25°	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
-77.5°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-80°	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.4
-81.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9
-87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.4	0.4	0.4
87.5°	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
81.25°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.6
80°	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
76.25°	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.1	2.2	2.3	2.5
75°	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2
73.75°	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.5	3.6	3.7
72.5°	2.7	2.9	3.1	3.3	3.5	3.6	3.7	3.8	3.8	3.9	4.0
71.25°	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3
70°	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.3	4.3	4.3
68.75°	3.9	4.0	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
67.5°	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.5
66.25°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.6	4.7	4.8
65°	4.3	4.3	4.3	4.3	4.4	4.5	4.7	4.8	4.9	5.1	5.2
63.75°	4.3	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.5
62.5°	4.4	4.5	4.7	4.9	5.0	5.2	5.3	5.5	5.6	5.7	5.9
61.25°	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8	5.9	6.1	6.1
60°	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.1	6.1	6.1
58.75°	5.2	5.4	5.6	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	5.5	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
56.25°	5.7	5.9	6.1	6.1	6.1	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	6.1	6.1	6.1	6.1
52.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
51.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
50°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.5
48.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.8
47.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.5	6.7	6.9	6.9
46.25°	6.1	6.1	6.1	6.1	6.1	6.3	6.5	6.7	6.9	6.9	6.9
45°	6.1	6.1	6.1	6.1	6.3	6.6	6.8	6.9	6.9	6.9	6.9
43.75°	6.1	6.1	6.1	6.3	6.6	6.8	6.9	6.9	6.9	6.9	7.1
42.5°	6.1	6.1	6.3	6.6	6.8	6.9	6.9	6.9	6.9	7.2	7.4
41.25°	6.1	6.3	6.5	6.8	6.9	6.9	6.9	7.0	7.2	7.5	7.7
40°	6.2	6.5	6.7	6.9	6.9	6.9	7.0	7.2	7.5	7.8	8.0
38.75°	6.4	6.7	6.9	6.9	6.9	6.9	7.2	7.5	7.8	8.1	8.3
37.5°	6.6	6.9	6.9	6.9	6.9	7.2	7.5	7.8	8.1	8.3	8.6
36.25°	6.8	6.9	6.9	6.9	7.1	7.4	7.7	8.0	8.3	8.6	9.3
35°	6.9	6.9	6.9	7.0	7.4	7.7	8.0	8.3	8.6	9.3	10.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	6.9	6.9	6.9	7.3	7.6	7.9	8.2	8.5	9.1	10.0	10.9
32.5°	6.9	6.9	7.1	7.5	7.8	8.1	8.5	9.0	9.9	10.8	11.7
31.25°	6.9	7.0	7.3	7.7	8.0	8.4	8.7	9.6	10.6	11.5	12.4
30°	6.9	7.2	7.5	7.9	8.2	8.6	9.4	10.3	11.3	12.2	13.2
28.75°	7.0	7.4	7.7	8.1	8.4	9.0	10.0	11.0	12.0	12.9	13.9
27.5°	7.2	7.6	7.9	8.3	8.6	9.6	10.6	11.6	12.6	13.6	14.8
26.25°	7.4	7.7	8.1	8.5	9.1	10.2	11.2	12.2	13.3	14.4	15.8
25°	7.5	7.9	8.3	8.6	9.6	10.7	11.8	12.8	13.9	15.3	16.6
23.75°	7.7	8.1	8.4	9.0	10.1	11.2	12.3	13.4	14.7	16.1	17.6
22.5°	7.8	8.2	8.6	9.5	10.6	11.8	12.9	14.0	15.4	16.9	18.8
21.25°	8.0	8.3	8.8	10.0	11.1	12.2	13.4	14.7	16.2	17.8	20.0
20°	8.1	8.5	9.2	10.4	11.6	12.7	13.8	15.4	16.9	18.9	21.1
18.75°	8.2	8.6	9.6	10.8	12.0	13.1	14.5	16.0	17.6	19.9	22.2
17.5°	8.3	8.8	10.0	11.2	12.4	13.6	15.0	16.6	18.6	20.9	23.8
16.25°	8.4	9.2	10.4	11.6	12.8	14.0	15.6	17.2	19.4	21.8	25.9
15°	8.5	9.5	10.7	11.9	13.1	14.5	16.1	17.9	20.3	22.7	27.9
13.75°	8.6	9.8	11.0	12.2	13.4	14.9	16.6	18.6	21.0	24.5	29.7
12.5°	8.8	10.0	11.3	12.5	13.7	15.4	17.0	19.3	21.7	26.1	31.4
11.25°	9.0	10.3	11.5	12.8	14.1	15.7	17.4	19.9	22.4	27.5	32.9
10°	9.2	10.5	11.7	13.0	14.4	16.1	18.0	20.5	23.4	28.8	34.8
8.75°	9.4	10.7	11.9	13.2	14.7	16.4	18.4	21.0	24.5	30.0	37.7
7.5°	9.6	10.8	12.1	13.4	14.9	16.7	18.8	21.4	25.5	31.0	40.2
6.25°	9.7	11.0	12.3	13.5	15.2	16.9	19.2	21.8	26.3	31.9	42.4
5°	9.8	11.1	12.4	13.7	15.3	17.1	19.5	22.1	27.0	32.6	44.2
3.75°	9.9	11.2	12.5	13.8	15.5	17.2	19.7	22.3	27.6	33.2	45.6
2.5°	10.0	11.2	12.5	13.8	15.6	17.3	19.9	22.5	27.9	33.6	46.6
1.25°	10.0	11.3	12.6	13.9	15.6	17.4	20.0	22.6	28.2	33.8	47.1
0°	10.0	11.3	12.6	13.9	15.7	17.4	20.0	22.6	28.3	33.9	47.4
-1.25°	10.0	11.3	12.6	13.9	15.6	17.4	20.0	22.6	28.2	33.8	47.1
-2.5°	10.0	11.2	12.5	13.8	15.6	17.3	19.9	22.5	27.9	33.6	46.6
-3.75°	9.9	11.2	12.5	13.8	15.5	17.2	19.7	22.3	27.6	33.2	45.6
-5°	9.8	11.1	12.4	13.7	15.3	17.1	19.5	22.1	27.0	32.6	44.2
-6.25°	9.7	11.0	12.3	13.5	15.2	16.9	19.2	21.8	26.3	31.9	42.4
-7.5°	9.6	10.8	12.1	13.4	14.9	16.7	18.8	21.4	25.5	31.0	40.2
-8.75°	9.4	10.7	11.9	13.2	14.7	16.4	18.4	21.0	24.5	30.0	37.7
-10°	9.2	10.5	11.7	13.0	14.4	16.1	18.0	20.5	23.4	28.8	34.8
-11.25°	9.0	10.3	11.5	12.8	14.1	15.7	17.4	19.9	22.4	27.5	32.9
-12.5°	8.8	10.0	11.3	12.5	13.7	15.4	17.0	19.3	21.7	26.1	31.4
-13.75°	8.6	9.8	11.0	12.2	13.4	14.9	16.6	18.6	21.0	24.5	29.7
-15°	8.5	9.5	10.7	11.9	13.1	14.5	16.1	17.9	20.3	22.7	27.9
-16.25°	8.4	9.2	10.4	11.6	12.8	14.0	15.6	17.2	19.4	21.8	25.9
-17.5°	8.3	8.8	10.0	11.2	12.4	13.6	15.0	16.6	18.6	20.9	23.8
-18.75°	8.2	8.6	9.6	10.8	12.0	13.1	14.5	16.0	17.6	19.9	22.2
-20°	8.1	8.5	9.2	10.4	11.6	12.7	13.8	15.4	16.9	18.9	21.1
-21.25°	8.0	8.3	8.8	10.0	11.1	12.2	13.4	14.7	16.2	17.8	20.0



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	7.8	8.2	8.6	9.5	10.6	11.8	12.9	14.0	15.4	16.9	18.8
-23.75°	7.7	8.1	8.4	9.0	10.1	11.2	12.3	13.4	14.7	16.1	17.6
-25°	7.5	7.9	8.3	8.6	9.6	10.7	11.8	12.8	13.9	15.3	16.6
-26.25°	7.4	7.7	8.1	8.5	9.1	10.2	11.2	12.2	13.3	14.4	15.8
-27.5°	7.2	7.6	7.9	8.3	8.6	9.6	10.6	11.6	12.6	13.6	14.8
-28.75°	7.0	7.4	7.7	8.1	8.4	9.0	10.0	11.0	12.0	12.9	13.9
-30°	6.9	7.2	7.5	7.9	8.2	8.6	9.4	10.3	11.3	12.2	13.2
-31.25°	6.9	7.0	7.3	7.7	8.0	8.4	8.7	9.6	10.6	11.5	12.4
-32.5°	6.9	6.9	7.1	7.5	7.8	8.1	8.5	9.0	9.9	10.8	11.7
-33.75°	6.9	6.9	6.9	7.3	7.6	7.9	8.2	8.5	9.1	10.0	10.9
-35°	6.9	6.9	6.9	7.0	7.4	7.7	8.0	8.3	8.6	9.3	10.1
-36.25°	6.8	6.9	6.9	6.9	7.1	7.4	7.7	8.0	8.3	8.6	9.3
-37.5°	6.6	6.9	6.9	6.9	6.9	7.2	7.5	7.8	8.1	8.3	8.6
-38.75°	6.4	6.7	6.9	6.9	6.9	6.9	7.2	7.5	7.8	8.1	8.3
-40°	6.2	6.5	6.7	6.9	6.9	6.9	7.0	7.2	7.5	7.8	8.0
-41.25°	6.1	6.3	6.5	6.8	6.9	6.9	6.9	7.0	7.2	7.5	7.7
-42.5°	6.1	6.1	6.3	6.6	6.8	6.9	6.9	6.9	6.9	7.2	7.4
-43.75°	6.1	6.1	6.1	6.3	6.6	6.8	6.9	6.9	6.9	6.9	7.1
-45°	6.1	6.1	6.1	6.1	6.3	6.6	6.8	6.9	6.9	6.9	6.9
-46.25°	6.1	6.1	6.1	6.1	6.1	6.3	6.5	6.7	6.9	6.9	6.9
-47.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.5	6.7	6.9	6.9
-48.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.8
-50°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.5
-51.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
-52.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-53.75°	6.1	6.1	6.1	6.1	6.1	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
-56.25°	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-57.5°	5.5	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-58.75°	5.2	5.4	5.6	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1
-60°	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.1	6.1	6.1
-61.25°	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8	5.9	6.1	6.1
-62.5°	4.4	4.5	4.7	4.9	5.0	5.2	5.3	5.5	5.6	5.7	5.9
-63.75°	4.3	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.5
-65°	4.3	4.3	4.3	4.3	4.4	4.5	4.7	4.8	4.9	5.1	5.2
-66.25°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.6	4.7	4.8
-67.5°	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.5
-68.75°	3.9	4.0	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-70°	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.3	4.3	4.3
-71.25°	3.3	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3
-72.5°	2.7	2.9	3.1	3.3	3.5	3.6	3.7	3.8	3.8	3.9	4.0
-73.75°	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.5	3.6	3.7
-75°	1.7	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2
-76.25°	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.1	2.2	2.3	2.5
-77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-80°	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.6
-82.5°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
-83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.6	0.6	0.6	0.6	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	0.3	0.3	0.3	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
81.25°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.9	2.0
77.5°	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8
76.25°	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.5	3.6
75°	3.3	3.4	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9
73.75°	3.7	3.8	3.9	3.9	4.0	4.0	4.1	4.2	4.2	4.2	4.3
72.5°	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
71.25°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
70°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6
68.75°	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0
67.5°	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.5
66.25°	4.9	5.0	5.1	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.9
65°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.1
63.75°	5.6	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	6.1	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	6.2	6.3	6.4
55°	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7
53.75°	6.1	6.1	6.1	6.2	6.4	6.5	6.6	6.7	6.9	6.9	6.9
52.5°	6.1	6.2	6.4	6.5	6.7	6.8	6.9	6.9	6.9	6.9	6.9
51.25°	6.4	6.5	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0
50°	6.7	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.3	7.4
48.75°	6.9	6.9	6.9	6.9	6.9	7.0	7.2	7.4	7.5	7.7	7.8
47.5°	6.9	6.9	6.9	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.2
46.25°	6.9	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.6
45°	7.0	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.6	9.0	9.5
43.75°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	9.1	9.6	10.1	10.6
42.5°	7.7	7.9	8.1	8.4	8.6	9.0	9.6	10.2	10.7	11.2	11.8
41.25°	8.0	8.2	8.5	8.7	9.4	10.0	10.6	11.2	11.8	12.3	12.9
40°	8.3	8.5	9.0	9.6	10.3	11.0	11.6	12.2	12.8	13.4	14.0
38.75°	8.6	9.1	9.9	10.6	11.3	12.0	12.6	13.3	13.9	14.7	15.4
37.5°	9.3	10.0	10.8	11.5	12.2	12.9	13.6	14.4	15.3	16.1	16.9
36.25°	10.1	10.9	11.7	12.4	13.2	13.9	14.8	15.8	16.6	17.6	18.8
35°	10.9	11.7	12.5	13.3	14.2	15.2	16.1	17.1	18.3	19.6	20.9



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	11.7	12.6	13.4	14.3	15.4	16.4	17.4	18.9	20.3	21.7	23.5
32.5°	12.5	13.4	14.4	15.5	16.6	17.8	19.3	20.8	22.3	25.0	28.0
31.25°	13.3	14.3	15.5	16.6	17.9	19.6	21.2	22.9	26.2	29.3	32.4
30°	14.2	15.4	16.6	17.9	19.7	21.4	23.5	26.9	30.3	33.6	40.8
28.75°	15.2	16.4	17.8	19.6	21.4	23.7	27.3	30.9	35.1	43.2	51.1
27.5°	16.1	17.4	19.3	21.2	23.5	27.3	31.1	36.1	44.7	53.1	61.2
26.25°	17.1	18.9	20.8	22.9	26.9	30.9	36.1	45.2	54.1	62.6	70.8
25°	18.3	20.3	22.3	26.2	30.3	35.1	44.7	54.1	63.1	71.8	80.2
23.75°	19.6	21.7	25.0	29.3	33.6	43.2	53.1	62.6	71.8	80.7	90.0
22.5°	20.9	23.5	28.0	32.4	40.8	51.1	61.2	70.8	80.2	90.0	101.0
21.25°	22.1	26.2	30.8	37.4	48.1	58.6	68.7	78.6	88.7	100.4	111.8
20°	24.1	28.8	33.5	44.1	55.1	65.7	76.1	86.2	98.3	110.4	122.8
18.75°	26.5	31.4	39.3	50.6	61.8	72.5	83.1	95.0	107.7	120.3	135.1
17.5°	28.8	33.7	45.2	56.7	67.9	78.9	90.4	103.6	116.6	131.5	148.1
16.25°	31.0	38.9	50.8	62.5	73.8	85.0	98.2	111.7	126.3	143.1	161.5
15°	33.0	43.9	56.0	67.8	79.3	91.7	105.6	119.5	136.3	154.7	174.9
13.75°	36.3	48.6	60.9	72.7	84.5	98.3	112.5	128.3	146.5	166.5	188.9
12.5°	40.4	52.9	65.3	77.3	89.8	104.4	118.9	136.6	156.4	178.3	203.4
11.25°	44.2	56.9	69.3	81.5	95.2	110.1	126.1	145.0	166.0	189.8	217.4
10°	47.6	60.5	72.9	85.3	100.1	115.2	132.6	152.7	175.3	201.5	232.8
8.75°	50.7	63.6	76.1	89.1	104.4	119.9	138.9	160.2	184.3	212.4	246.8
7.5°	53.3	66.3	78.9	92.7	108.2	124.8	144.6	166.8	192.1	222.9	259.1
6.25°	55.6	68.6	81.4	95.8	111.5	128.9	149.4	172.6	199.8	232.9	269.8
5°	57.5	70.5	83.3	98.4	114.2	132.3	153.6	177.9	206.3	241.2	278.6
3.75°	58.9	71.9	84.9	100.4	116.3	135.1	157.1	182.0	211.4	247.8	285.5
2.5°	60.0	73.0	86.0	101.8	117.8	137.2	159.6	185.0	215.1	252.5	290.5
1.25°	60.6	73.6	86.7	102.7	118.7	138.5	161.0	186.8	217.3	255.3	293.5
0°	60.8	73.9	86.9	103.0	119.0	139.0	161.6	187.4	218.0	256.3	294.5
-1.25°	60.6	73.6	86.7	102.7	118.7	138.5	161.0	186.8	217.3	255.3	293.5
-2.5°	60.0	73.0	86.0	101.8	117.8	137.2	159.6	185.0	215.1	252.5	290.5
-3.75°	58.9	71.9	84.9	100.4	116.3	135.1	157.1	182.0	211.4	247.8	285.5
-5°	57.5	70.5	83.3	98.4	114.2	132.3	153.6	177.9	206.3	241.2	278.6
-6.25°	55.6	68.6	81.4	95.8	111.5	128.9	149.4	172.6	199.8	232.9	269.8
-7.5°	53.3	66.3	78.9	92.7	108.2	124.8	144.6	166.8	192.1	222.9	259.1
-8.75°	50.7	63.6	76.1	89.1	104.4	119.9	138.9	160.2	184.3	212.4	246.8
-10°	47.6	60.5	72.9	85.3	100.1	115.2	132.6	152.7	175.3	201.5	232.8
-11.25°	44.2	56.9	69.3	81.5	95.2	110.1	126.1	145.0	166.0	189.8	217.4
-12.5°	40.4	52.9	65.3	77.3	89.8	104.4	118.9	136.6	156.4	178.3	203.4
-13.75°	36.3	48.6	60.9	72.7	84.5	98.3	112.5	128.3	146.5	166.5	188.9
-15°	33.0	43.9	56.0	67.8	79.3	91.7	105.6	119.5	136.3	154.7	174.9
-16.25°	31.0	38.9	50.8	62.5	73.8	85.0	98.2	111.7	126.3	143.1	161.5
-17.5°	28.8	33.7	45.2	56.7	67.9	78.9	90.4	103.6	116.6	131.5	148.1
-18.75°	26.5	31.4	39.3	50.6	61.8	72.5	83.1	95.0	107.7	120.3	135.1
-20°	24.1	28.8	33.5	44.1	55.1	65.7	76.1	86.2	98.3	110.4	122.8
-21.25°	22.1	26.2	30.8	37.4	48.1	58.6	68.7	78.6	88.7	100.4	111.8



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	20.9	23.5	28.0	32.4	40.8	51.1	61.2	70.8	80.2	90.0	101.0
-23.75°	19.6	21.7	25.0	29.3	33.6	43.2	53.1	62.6	71.8	80.7	90.0
-25°	18.3	20.3	22.3	26.2	30.3	35.1	44.7	54.1	63.1	71.8	80.2
-26.25°	17.1	18.9	20.8	22.9	26.9	30.9	36.1	45.2	54.1	62.6	70.8
-27.5°	16.1	17.4	19.3	21.2	23.5	27.3	31.1	36.1	44.7	53.1	61.2
-28.75°	15.2	16.4	17.8	19.6	21.4	23.7	27.3	30.9	35.1	43.2	51.1
-30°	14.2	15.4	16.6	17.9	19.7	21.4	23.5	26.9	30.3	33.6	40.8
-31.25°	13.3	14.3	15.5	16.6	17.9	19.6	21.2	22.9	26.2	29.3	32.4
-32.5°	12.5	13.4	14.4	15.5	16.6	17.8	19.3	20.8	22.3	25.0	28.0
-33.75°	11.7	12.6	13.4	14.3	15.4	16.4	17.4	18.9	20.3	21.7	23.5
-35°	10.9	11.7	12.5	13.3	14.2	15.2	16.1	17.1	18.3	19.6	20.9
-36.25°	10.1	10.9	11.7	12.4	13.2	13.9	14.8	15.8	16.6	17.6	18.8
-37.5°	9.3	10.0	10.8	11.5	12.2	12.9	13.6	14.4	15.3	16.1	16.9
-38.75°	8.6	9.1	9.9	10.6	11.3	12.0	12.6	13.3	13.9	14.7	15.4
-40°	8.3	8.5	9.0	9.6	10.3	11.0	11.6	12.2	12.8	13.4	14.0
-41.25°	8.0	8.2	8.5	8.7	9.4	10.0	10.6	11.2	11.8	12.3	12.9
-42.5°	7.7	7.9	8.1	8.4	8.6	9.0	9.6	10.2	10.7	11.2	11.8
-43.75°	7.4	7.6	7.8	8.0	8.2	8.4	8.6	9.1	9.6	10.1	10.6
-45°	7.0	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.6	9.0	9.5
-46.25°	6.9	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.6
-47.5°	6.9	6.9	6.9	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.2
-48.75°	6.9	6.9	6.9	6.9	6.9	7.0	7.2	7.4	7.5	7.7	7.8
-50°	6.7	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.3	7.4
-51.25°	6.4	6.5	6.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0
-52.5°	6.1	6.2	6.4	6.5	6.7	6.8	6.9	6.9	6.9	6.9	6.9
-53.75°	6.1	6.1	6.1	6.2	6.4	6.5	6.6	6.7	6.9	6.9	6.9
-55°	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7
-56.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4
-57.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-62.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	5.6	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-65°	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.1
-66.25°	4.9	5.0	5.1	5.3	5.3	5.4	5.5	5.6	5.7	5.8	5.9
-67.5°	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.5
-68.75°	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0
-70°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6
-71.25°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-72.5°	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-73.75°	3.7	3.8	3.9	3.9	4.0	4.0	4.1	4.2	4.2	4.2	4.3
-75°	3.3	3.4	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9
-76.25°	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.5	3.6
-77.5°	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.9	2.0
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
-83.75°	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.7	0.7	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
82.5°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5
77.5°	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4
76.25°	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
75°	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2
73.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
71.25°	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7
70°	4.7	4.7	4.8	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1
68.75°	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6
67.5°	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0
66.25°	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.4
57.5°	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8
56.25°	6.5	6.6	6.7	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9
55°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
53.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.1	7.2
52.5°	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.6
51.25°	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1
50°	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5
48.75°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.8	9.0	9.2	9.4
47.5°	8.3	8.5	8.6	8.8	9.2	9.5	9.8	10.0	10.3	10.5	10.7
46.25°	8.8	9.2	9.6	10.0	10.4	10.7	11.0	11.3	11.5	11.7	11.9
45°	10.0	10.4	10.8	11.2	11.6	11.9	12.2	12.5	12.8	13.0	13.2
43.75°	11.1	11.6	12.0	12.4	12.8	13.1	13.4	13.7	14.1	14.4	14.7
42.5°	12.2	12.7	13.1	13.6	14.0	14.5	14.9	15.4	15.7	16.1	16.4
41.25°	13.4	13.8	14.5	15.0	15.6	16.1	16.6	17.0	17.4	18.0	18.4
40°	14.7	15.4	16.0	16.6	17.2	17.9	18.6	19.3	19.9	20.5	21.0
38.75°	16.2	16.9	17.6	18.6	19.4	20.3	21.0	21.7	22.4	23.4	24.5
37.5°	17.8	18.9	19.9	20.9	21.8	22.7	24.5	26.1	27.5	28.8	30.0
36.25°	20.0	21.1	22.2	23.8	25.9	27.9	29.7	31.4	32.9	34.8	37.7
35°	22.1	24.1	26.5	28.8	31.0	33.0	36.3	40.4	44.2	47.6	50.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	26.2	28.8	31.4	33.7	38.9	43.9	48.6	52.9	56.9	60.5	63.6
32.5°	30.8	33.5	39.3	45.2	50.8	56.0	60.9	65.3	69.3	72.9	76.1
31.25°	37.4	44.1	50.6	56.7	62.5	67.8	72.7	77.3	81.5	85.3	89.1
30°	48.1	55.1	61.8	67.9	73.8	79.3	84.5	89.8	95.2	100.1	104.4
28.75°	58.6	65.7	72.5	78.9	85.0	91.7	98.3	104.4	110.1	115.2	119.9
27.5°	68.7	76.1	83.1	90.4	98.2	105.6	112.5	118.9	126.1	132.6	138.9
26.25°	78.6	86.2	95.0	103.6	111.7	119.5	128.3	136.6	145.0	152.7	160.2
25°	88.7	98.3	107.7	116.6	126.3	136.3	146.5	156.4	166.0	175.3	184.3
23.75°	100.4	110.4	120.3	131.5	143.1	154.7	166.5	178.3	189.8	201.5	212.4
22.5°	111.8	122.8	135.1	148.1	161.5	174.9	188.9	203.4	217.4	232.8	246.8
21.25°	123.7	137.0	151.1	166.0	181.5	197.6	214.6	233.1	251.0	267.4	282.1
20°	137.0	152.2	168.3	185.5	203.9	223.7	245.2	265.5	284.3	304.3	325.9
18.75°	151.1	168.3	186.8	207.1	229.7	253.4	276.0	298.3	325.8	351.1	374.0
17.5°	166.0	185.5	207.1	231.7	257.6	282.4	310.5	341.5	370.5	397.2	430.6
16.25°	181.5	203.9	229.7	257.6	284.6	316.7	351.1	383.6	420.1	460.7	513.4
15°	197.6	223.7	253.4	282.4	316.7	354.3	390.3	435.0	489.8	552.8	637.4
13.75°	214.6	245.2	276.0	310.5	351.1	390.3	439.9	504.6	587.6	689.3	825.8
12.5°	233.1	265.5	298.3	341.5	383.6	435.0	504.6	599.3	726.3	887.0	1086.9
11.25°	251.0	284.3	325.8	370.5	420.1	489.8	587.6	726.3	913.8	1143.4	1410.2
10°	267.4	304.3	351.1	397.2	460.7	552.8	689.3	887.0	1143.4	1447.9	1765.8
8.75°	282.1	325.9	374.0	430.6	513.4	637.4	825.8	1086.9	1410.2	1765.8	2115.9
7.5°	295.5	345.1	394.4	461.9	567.0	731.3	976.2	1299.0	1676.2	2066.7	2434.6
6.25°	311.1	361.7	417.0	500.4	628.9	831.7	1124.5	1501.5	1922.2	2334.6	2710.1
5°	324.0	375.5	438.1	532.6	682.0	931.5	1276.1	1693.6	2136.1	2559.1	2937.3
3.75°	334.2	386.3	454.7	563.1	744.3	1023.9	1401.7	1848.2	2306.8	2732.3	3111.6
2.5°	341.6	394.2	469.1	590.8	789.6	1091.2	1494.7	1963.4	2428.9	2857.2	3241.1
1.25°	346.0	398.9	479.5	607.6	817.1	1132.1	1557.6	2034.1	2503.8	2934.3	3318.5
0°	347.5	400.5	483.0	613.3	826.3	1145.8	1578.8	2057.9	2529.1	2960.4	3344.2
-1.25°	346.0	398.9	479.5	607.6	817.1	1132.1	1557.6	2034.1	2503.8	2934.3	3318.5
-2.5°	341.6	394.2	469.1	590.8	789.6	1091.2	1494.7	1963.4	2428.9	2857.2	3241.1
-3.75°	334.2	386.3	454.7	563.1	744.3	1023.9	1401.7	1848.2	2306.8	2732.3	3111.6
-5°	324.0	375.5	438.1	532.6	682.0	931.5	1276.1	1693.6	2136.1	2559.1	2937.3
-6.25°	311.1	361.7	417.0	500.4	628.9	831.7	1124.5	1501.5	1922.2	2334.6	2710.1
-7.5°	295.5	345.1	394.4	461.9	567.0	731.3	976.2	1299.0	1676.2	2066.7	2434.6
-8.75°	282.1	325.9	374.0	430.6	513.4	637.4	825.8	1086.9	1410.2	1765.8	2115.9
-10°	267.4	304.3	351.1	397.2	460.7	552.8	689.3	887.0	1143.4	1447.9	1765.8
-11.25°	251.0	284.3	325.8	370.5	420.1	489.8	587.6	726.3	913.8	1143.4	1410.2
-12.5°	233.1	265.5	298.3	341.5	383.6	435.0	504.6	599.3	726.3	887.0	1086.9
-13.75°	214.6	245.2	276.0	310.5	351.1	390.3	439.9	504.6	587.6	689.3	825.8
-15°	197.6	223.7	253.4	282.4	316.7	354.3	390.3	435.0	489.8	552.8	637.4
-16.25°	181.5	203.9	229.7	257.6	284.6	316.7	351.1	383.6	420.1	460.7	513.4
-17.5°	166.0	185.5	207.1	231.7	257.6	282.4	310.5	341.5	370.5	397.2	430.6
-18.75°	151.1	168.3	186.8	207.1	229.7	253.4	276.0	298.3	325.8	351.1	374.0
-20°	137.0	152.2	168.3	185.5	203.9	223.7	245.2	265.5	284.3	304.3	325.9
-21.25°	123.7	137.0	151.1	166.0	181.5	197.6	214.6	233.1	251.0	267.4	282.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	111.8	122.8	135.1	148.1	161.5	174.9	188.9	203.4	217.4	232.8	246.8
-23.75°	100.4	110.4	120.3	131.5	143.1	154.7	166.5	178.3	189.8	201.5	212.4
-25°	88.7	98.3	107.7	116.6	126.3	136.3	146.5	156.4	166.0	175.3	184.3
-26.25°	78.6	86.2	95.0	103.6	111.7	119.5	128.3	136.6	145.0	152.7	160.2
-27.5°	68.7	76.1	83.1	90.4	98.2	105.6	112.5	118.9	126.1	132.6	138.9
-28.75°	58.6	65.7	72.5	78.9	85.0	91.7	98.3	104.4	110.1	115.2	119.9
-30°	48.1	55.1	61.8	67.9	73.8	79.3	84.5	89.8	95.2	100.1	104.4
-31.25°	37.4	44.1	50.6	56.7	62.5	67.8	72.7	77.3	81.5	85.3	89.1
-32.5°	30.8	33.5	39.3	45.2	50.8	56.0	60.9	65.3	69.3	72.9	76.1
-33.75°	26.2	28.8	31.4	33.7	38.9	43.9	48.6	52.9	56.9	60.5	63.6
-35°	22.1	24.1	26.5	28.8	31.0	33.0	36.3	40.4	44.2	47.6	50.7
-36.25°	20.0	21.1	22.2	23.8	25.9	27.9	29.7	31.4	32.9	34.8	37.7
-37.5°	17.8	18.9	19.9	20.9	21.8	22.7	24.5	26.1	27.5	28.8	30.0
-38.75°	16.2	16.9	17.6	18.6	19.4	20.3	21.0	21.7	22.4	23.4	24.5
-40°	14.7	15.4	16.0	16.6	17.2	17.9	18.6	19.3	19.9	20.5	21.0
-41.25°	13.4	13.8	14.5	15.0	15.6	16.1	16.6	17.0	17.4	18.0	18.4
-42.5°	12.2	12.7	13.1	13.6	14.0	14.5	14.9	15.4	15.7	16.1	16.4
-43.75°	11.1	11.6	12.0	12.4	12.8	13.1	13.4	13.7	14.1	14.4	14.7
-45°	10.0	10.4	10.8	11.2	11.6	11.9	12.2	12.5	12.8	13.0	13.2
-46.25°	8.8	9.2	9.6	10.0	10.4	10.7	11.0	11.3	11.5	11.7	11.9
-47.5°	8.3	8.5	8.6	8.8	9.2	9.5	9.8	10.0	10.3	10.5	10.7
-48.75°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.8	9.0	9.2	9.4
-50°	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.4	8.5
-51.25°	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1
-52.5°	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.6
-53.75°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.1	7.2
-55°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-56.25°	6.5	6.6	6.7	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9
-57.5°	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8
-58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.4
-60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-66.25°	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	5.5	5.6	5.6	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0
-68.75°	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6
-70°	4.7	4.7	4.8	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1
-71.25°	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7
-72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-73.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-75°	4.0	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2
-76.25°	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
-77.5°	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
-83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
76.25°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
73.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
71.25°	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.7	4.7	4.7	4.7
70°	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
68.75°	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
67.5°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
58.75°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
57.5°	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
56.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
55°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
53.75°	7.2	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
52.5°	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7
51.25°	8.1	8.2	8.2	8.2	8.2	8.2	8.3	8.2	8.2	8.2	8.2
50°	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6
48.75°	9.6	9.7	9.8	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8
47.5°	10.8	11.0	11.1	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.1
46.25°	12.1	12.3	12.4	12.5	12.5	12.6	12.6	12.6	12.5	12.5	12.4
45°	13.4	13.5	13.7	13.8	13.8	13.9	13.9	13.9	13.8	13.8	13.7
43.75°	14.9	15.2	15.3	15.5	15.6	15.6	15.7	15.6	15.6	15.5	15.3
42.5°	16.7	16.9	17.1	17.2	17.3	17.4	17.4	17.4	17.3	17.2	17.1
41.25°	18.8	19.2	19.5	19.7	19.9	20.0	20.0	20.0	19.9	19.7	19.5
40°	21.4	21.8	22.1	22.3	22.5	22.6	22.6	22.6	22.5	22.3	22.1
38.75°	25.5	26.3	27.0	27.6	27.9	28.2	28.3	28.2	27.9	27.6	27.0
37.5°	31.0	31.9	32.6	33.2	33.6	33.8	33.9	33.8	33.6	33.2	32.6
36.25°	40.2	42.4	44.2	45.6	46.6	47.1	47.4	47.1	46.6	45.6	44.2
35°	53.3	55.6	57.5	58.9	60.0	60.6	60.8	60.6	60.0	58.9	57.5



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	66.3	68.6	70.5	71.9	73.0	73.6	73.9	73.6	73.0	71.9	70.5
32.5°	78.9	81.4	83.3	84.9	86.0	86.7	86.9	86.7	86.0	84.9	83.3
31.25°	92.7	95.8	98.4	100.4	101.8	102.7	103.0	102.7	101.8	100.4	98.4
30°	108.2	111.5	114.2	116.3	117.8	118.7	119.0	118.7	117.8	116.3	114.2
28.75°	124.8	128.9	132.3	135.1	137.2	138.5	139.0	138.5	137.2	135.1	132.3
27.5°	144.6	149.4	153.6	157.1	159.6	161.0	161.6	161.0	159.6	157.1	153.6
26.25°	166.8	172.6	177.9	182.0	185.0	186.8	187.4	186.8	185.0	182.0	177.9
25°	192.1	199.8	206.3	211.4	215.1	217.3	218.0	217.3	215.1	211.4	206.3
23.75°	222.9	232.9	241.2	247.8	252.5	255.3	256.3	255.3	252.5	247.8	241.2
22.5°	259.1	269.8	278.6	285.5	290.5	293.5	294.5	293.5	290.5	285.5	278.6
21.25°	295.5	311.1	324.0	334.2	341.6	346.0	347.5	346.0	341.6	334.2	324.0
20°	345.1	361.7	375.5	386.3	394.2	398.9	400.5	398.9	394.2	386.3	375.5
18.75°	394.4	417.0	438.1	454.7	469.1	479.5	483.0	479.5	469.1	454.7	438.1
17.5°	461.9	500.4	532.6	563.1	590.8	607.6	613.3	607.6	590.8	563.1	532.6
16.25°	567.0	628.9	682.0	744.3	789.6	817.1	826.3	817.1	789.6	744.3	682.0
15°	731.3	831.7	931.5	1023.9	1091.2	1132.1	1145.8	1132.1	1091.2	1023.9	931.5
13.75°	976.2	1124.5	1276.1	1401.7	1494.7	1557.6	1578.8	1557.6	1494.7	1401.7	1276.1
12.5°	1299.0	1501.5	1693.6	1848.2	1963.4	2034.1	2057.9	2034.1	1963.4	1848.2	1693.6
11.25°	1676.2	1922.2	2136.1	2306.8	2428.9	2503.8	2529.1	2503.8	2428.9	2306.8	2136.1
10°	2066.7	2334.6	2559.1	2732.3	2857.2	2934.3	2960.4	2934.3	2857.2	2732.3	2559.1
8.75°	2434.6	2710.1	2937.3	3111.6	3241.1	3318.5	3344.2	3318.5	3241.1	3111.6	2937.3
7.5°	2760.0	3037.7	3269.6	3451.7	3588.7	3670.4	3698.4	3670.4	3588.7	3451.7	3269.6
6.25°	3037.7	3320.9	3563.0	3756.8	3899.1	3984.5	4014.1	3984.5	3899.1	3756.8	3563.0
5°	3269.6	3563.0	3816.2	4014.8	4162.6	4256.3	4289.4	4256.3	4162.6	4014.8	3816.2
3.75°	3451.7	3756.8	4014.8	4224.5	4378.7	4476.7	4504.6	4476.7	4378.7	4224.5	4014.8
2.5°	3588.7	3899.1	4162.6	4378.7	4534.3	4629.1	4659.1	4629.1	4534.3	4378.7	4162.6
1.25°	3670.4	3984.5	4256.3	4476.7	4629.1	4726.2	4762.6	4726.2	4629.1	4476.7	4256.3
0°	3698.4	4014.1	4289.4	4504.6	4659.1	4762.6	4814.1	4762.6	4659.1	4504.6	4289.4
-1.25°	3670.4	3984.5	4256.3	4476.7	4629.1	4726.2	4762.6	4726.2	4629.1	4476.7	4256.3
-2.5°	3588.7	3899.1	4162.6	4378.7	4534.3	4629.1	4659.1	4629.1	4534.3	4378.7	4162.6
-3.75°	3451.7	3756.8	4014.8	4224.5	4378.7	4476.7	4504.6	4476.7	4378.7	4224.5	4014.8
-5°	3269.6	3563.0	3816.2	4014.8	4162.6	4256.3	4289.4	4256.3	4162.6	4014.8	3816.2
-6.25°	3037.7	3320.9	3563.0	3756.8	3899.1	3984.5	4014.1	3984.5	3899.1	3756.8	3563.0
-7.5°	2760.0	3037.7	3269.6	3451.7	3588.7	3670.4	3698.4	3670.4	3588.7	3451.7	3269.6
-8.75°	2434.6	2710.1	2937.3	3111.6	3241.1	3318.5	3344.2	3318.5	3241.1	3111.6	2937.3
-10°	2066.7	2334.6	2559.1	2732.3	2857.2	2934.3	2960.4	2934.3	2857.2	2732.3	2559.1
-11.25°	1676.2	1922.2	2136.1	2306.8	2428.9	2503.8	2529.1	2503.8	2428.9	2306.8	2136.1
-12.5°	1299.0	1501.5	1693.6	1848.2	1963.4	2034.1	2057.9	2034.1	1963.4	1848.2	1693.6
-13.75°	976.2	1124.5	1276.1	1401.7	1494.7	1557.6	1578.8	1557.6	1494.7	1401.7	1276.1
-15°	731.3	831.7	931.5	1023.9	1091.2	1132.1	1145.8	1132.1	1091.2	1023.9	931.5
-16.25°	567.0	628.9	682.0	744.3	789.6	817.1	826.3	817.1	789.6	744.3	682.0
-17.5°	461.9	500.4	532.6	563.1	590.8	607.6	613.3	607.6	590.8	563.1	532.6
-18.75°	394.4	417.0	438.1	454.7	469.1	479.5	483.0	479.5	469.1	454.7	438.1
-20°	345.1	361.7	375.5	386.3	394.2	398.9	400.5	398.9	394.2	386.3	375.5
-21.25°	295.5	311.1	324.0	334.2	341.6	346.0	347.5	346.0	341.6	334.2	324.0



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	259.1	269.8	278.6	285.5	290.5	293.5	294.5	293.5	290.5	285.5	278.6
-23.75°	222.9	232.9	241.2	247.8	252.5	255.3	256.3	255.3	252.5	247.8	241.2
-25°	192.1	199.8	206.3	211.4	215.1	217.3	218.0	217.3	215.1	211.4	206.3
-26.25°	166.8	172.6	177.9	182.0	185.0	186.8	187.4	186.8	185.0	182.0	177.9
-27.5°	144.6	149.4	153.6	157.1	159.6	161.0	161.6	161.0	159.6	157.1	153.6
-28.75°	124.8	128.9	132.3	135.1	137.2	138.5	139.0	138.5	137.2	135.1	132.3
-30°	108.2	111.5	114.2	116.3	117.8	118.7	119.0	118.7	117.8	116.3	114.2
-31.25°	92.7	95.8	98.4	100.4	101.8	102.7	103.0	102.7	101.8	100.4	98.4
-32.5°	78.9	81.4	83.3	84.9	86.0	86.7	86.9	86.7	86.0	84.9	83.3
-33.75°	66.3	68.6	70.5	71.9	73.0	73.6	73.9	73.6	73.0	71.9	70.5
-35°	53.3	55.6	57.5	58.9	60.0	60.6	60.8	60.6	60.0	58.9	57.5
-36.25°	40.2	42.4	44.2	45.6	46.6	47.1	47.4	47.1	46.6	45.6	44.2
-37.5°	31.0	31.9	32.6	33.2	33.6	33.8	33.9	33.8	33.6	33.2	32.6
-38.75°	25.5	26.3	27.0	27.6	27.9	28.2	28.3	28.2	27.9	27.6	27.0
-40°	21.4	21.8	22.1	22.3	22.5	22.6	22.6	22.6	22.5	22.3	22.1
-41.25°	18.8	19.2	19.5	19.7	19.9	20.0	20.0	20.0	19.9	19.7	19.5
-42.5°	16.7	16.9	17.1	17.2	17.3	17.4	17.4	17.4	17.3	17.2	17.1
-43.75°	14.9	15.2	15.3	15.5	15.6	15.6	15.7	15.6	15.6	15.5	15.3
-45°	13.4	13.5	13.7	13.8	13.8	13.9	13.9	13.9	13.8	13.8	13.7
-46.25°	12.1	12.3	12.4	12.5	12.5	12.6	12.6	12.6	12.5	12.5	12.4
-47.5°	10.8	11.0	11.1	11.2	11.2	11.3	11.3	11.3	11.2	11.2	11.1
-48.75°	9.6	9.7	9.8	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.8
-50°	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6
-51.25°	8.1	8.2	8.2	8.2	8.2	8.2	8.3	8.2	8.2	8.2	8.2
-52.5°	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.7
-53.75°	7.2	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
-55°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-56.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-57.5°	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-58.75°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-68.75°	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
-70°	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
-71.25°	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.7	4.7	4.7	4.7
-72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-73.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-76.25°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-77.5°	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-83.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
82.5°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2
77.5°	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.0
76.25°	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7
75°	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0
73.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
71.25°	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.5	4.4	4.4
70°	5.2	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.8
68.75°	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2
67.5°	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7	5.6
66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
58.75°	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.1	6.1
57.5°	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.3
56.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.7
55°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
53.75°	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.9	6.9	6.9	6.9
52.5°	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0
51.25°	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.5	7.4
50°	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.8
48.75°	9.7	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.4	8.3	8.2
47.5°	11.0	10.8	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.8	8.6
46.25°	12.3	12.1	11.9	11.7	11.5	11.3	11.0	10.7	10.4	10.0	9.6
45°	13.5	13.4	13.2	13.0	12.8	12.5	12.2	11.9	11.6	11.2	10.8
43.75°	15.2	14.9	14.7	14.4	14.1	13.7	13.4	13.1	12.8	12.4	12.0
42.5°	16.9	16.7	16.4	16.1	15.7	15.4	14.9	14.5	14.0	13.6	13.1
41.25°	19.2	18.8	18.4	18.0	17.4	17.0	16.6	16.1	15.6	15.0	14.5
40°	21.8	21.4	21.0	20.5	19.9	19.3	18.6	17.9	17.2	16.6	16.0
38.75°	26.3	25.5	24.5	23.4	22.4	21.7	21.0	20.3	19.4	18.6	17.6
37.5°	31.9	31.0	30.0	28.8	27.5	26.1	24.5	22.7	21.8	20.9	19.9
36.25°	42.4	40.2	37.7	34.8	32.9	31.4	29.7	27.9	25.9	23.8	22.2
35°	55.6	53.3	50.7	47.6	44.2	40.4	36.3	33.0	31.0	28.8	26.5



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	68.6	66.3	63.6	60.5	56.9	52.9	48.6	43.9	38.9	33.7	31.4
32.5°	81.4	78.9	76.1	72.9	69.3	65.3	60.9	56.0	50.8	45.2	39.3
31.25°	95.8	92.7	89.1	85.3	81.5	77.3	72.7	67.8	62.5	56.7	50.6
30°	111.5	108.2	104.4	100.1	95.2	89.8	84.5	79.3	73.8	67.9	61.8
28.75°	128.9	124.8	119.9	115.2	110.1	104.4	98.3	91.7	85.0	78.9	72.5
27.5°	149.4	144.6	138.9	132.6	126.1	118.9	112.5	105.6	98.2	90.4	83.1
26.25°	172.6	166.8	160.2	152.7	145.0	136.6	128.3	119.5	111.7	103.6	95.0
25°	199.8	192.1	184.3	175.3	166.0	156.4	146.5	136.3	126.3	116.6	107.7
23.75°	232.9	222.9	212.4	201.5	189.8	178.3	166.5	154.7	143.1	131.5	120.3
22.5°	269.8	259.1	246.8	232.8	217.4	203.4	188.9	174.9	161.5	148.1	135.1
21.25°	311.1	295.5	282.1	267.4	251.0	233.1	214.6	197.6	181.5	166.0	151.1
20°	361.7	345.1	325.9	304.3	284.3	265.5	245.2	223.7	203.9	185.5	168.3
18.75°	417.0	394.4	374.0	351.1	325.8	298.3	276.0	253.4	229.7	207.1	186.8
17.5°	500.4	461.9	430.6	397.2	370.5	341.5	310.5	282.4	257.6	231.7	207.1
16.25°	628.9	567.0	513.4	460.7	420.1	383.6	351.1	316.7	284.6	257.6	229.7
15°	831.7	731.3	637.4	552.8	489.8	435.0	390.3	354.3	316.7	282.4	253.4
13.75°	1124.5	976.2	825.8	689.3	587.6	504.6	439.9	390.3	351.1	310.5	276.0
12.5°	1501.5	1299.0	1086.9	887.0	726.3	599.3	504.6	435.0	383.6	341.5	298.3
11.25°	1922.2	1676.2	1410.2	1143.4	913.8	726.3	587.6	489.8	420.1	370.5	325.8
10°	2334.6	2066.7	1765.8	1447.9	1143.4	887.0	689.3	552.8	460.7	397.2	351.1
8.75°	2710.1	2434.6	2115.9	1765.8	1410.2	1086.9	825.8	637.4	513.4	430.6	374.0
7.5°	3037.7	2760.0	2434.6	2066.7	1676.2	1299.0	976.2	731.3	567.0	461.9	394.4
6.25°	3320.9	3037.7	2710.1	2334.6	1922.2	1501.5	1124.5	831.7	628.9	500.4	417.0
5°	3563.0	3269.6	2937.3	2559.1	2136.1	1693.6	1276.1	931.5	682.0	532.6	438.1
3.75°	3756.8	3451.7	3111.6	2732.3	2306.8	1848.2	1401.7	1023.9	744.3	563.1	454.7
2.5°	3899.1	3588.7	3241.1	2857.2	2428.9	1963.4	1494.7	1091.2	789.6	590.8	469.1
1.25°	3984.5	3670.4	3318.5	2934.3	2503.8	2034.1	1557.6	1132.1	817.1	607.6	479.5
0°	4014.1	3698.4	3344.2	2960.4	2529.1	2057.9	1578.8	1145.8	826.3	613.3	483.0
-1.25°	3984.5	3670.4	3318.5	2934.3	2503.8	2034.1	1557.6	1132.1	817.1	607.6	479.5
-2.5°	3899.1	3588.7	3241.1	2857.2	2428.9	1963.4	1494.7	1091.2	789.6	590.8	469.1
-3.75°	3756.8	3451.7	3111.6	2732.3	2306.8	1848.2	1401.7	1023.9	744.3	563.1	454.7
-5°	3563.0	3269.6	2937.3	2559.1	2136.1	1693.6	1276.1	931.5	682.0	532.6	438.1
-6.25°	3320.9	3037.7	2710.1	2334.6	1922.2	1501.5	1124.5	831.7	628.9	500.4	417.0
-7.5°	3037.7	2760.0	2434.6	2066.7	1676.2	1299.0	976.2	731.3	567.0	461.9	394.4
-8.75°	2710.1	2434.6	2115.9	1765.8	1410.2	1086.9	825.8	637.4	513.4	430.6	374.0
-10°	2334.6	2066.7	1765.8	1447.9	1143.4	887.0	689.3	552.8	460.7	397.2	351.1
-11.25°	1922.2	1676.2	1410.2	1143.4	913.8	726.3	587.6	489.8	420.1	370.5	325.8
-12.5°	1501.5	1299.0	1086.9	887.0	726.3	599.3	504.6	435.0	383.6	341.5	298.3
-13.75°	1124.5	976.2	825.8	689.3	587.6	504.6	439.9	390.3	351.1	310.5	276.0
-15°	831.7	731.3	637.4	552.8	489.8	435.0	390.3	354.3	316.7	282.4	253.4
-16.25°	628.9	567.0	513.4	460.7	420.1	383.6	351.1	316.7	284.6	257.6	229.7
-17.5°	500.4	461.9	430.6	397.2	370.5	341.5	310.5	282.4	257.6	231.7	207.1
-18.75°	417.0	394.4	374.0	351.1	325.8	298.3	276.0	253.4	229.7	207.1	186.8
-20°	361.7	345.1	325.9	304.3	284.3	265.5	245.2	223.7	203.9	185.5	168.3
-21.25°	311.1	295.5	282.1	267.4	251.0	233.1	214.6	197.6	181.5	166.0	151.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	269.8	259.1	246.8	232.8	217.4	203.4	188.9	174.9	161.5	148.1	135.1
-23.75°	232.9	222.9	212.4	201.5	189.8	178.3	166.5	154.7	143.1	131.5	120.3
-25°	199.8	192.1	184.3	175.3	166.0	156.4	146.5	136.3	126.3	116.6	107.7
-26.25°	172.6	166.8	160.2	152.7	145.0	136.6	128.3	119.5	111.7	103.6	95.0
-27.5°	149.4	144.6	138.9	132.6	126.1	118.9	112.5	105.6	98.2	90.4	83.1
-28.75°	128.9	124.8	119.9	115.2	110.1	104.4	98.3	91.7	85.0	78.9	72.5
-30°	111.5	108.2	104.4	100.1	95.2	89.8	84.5	79.3	73.8	67.9	61.8
-31.25°	95.8	92.7	89.1	85.3	81.5	77.3	72.7	67.8	62.5	56.7	50.6
-32.5°	81.4	78.9	76.1	72.9	69.3	65.3	60.9	56.0	50.8	45.2	39.3
-33.75°	68.6	66.3	63.6	60.5	56.9	52.9	48.6	43.9	38.9	33.7	31.4
-35°	55.6	53.3	50.7	47.6	44.2	40.4	36.3	33.0	31.0	28.8	26.5
-36.25°	42.4	40.2	37.7	34.8	32.9	31.4	29.7	27.9	25.9	23.8	22.2
-37.5°	31.9	31.0	30.0	28.8	27.5	26.1	24.5	22.7	21.8	20.9	19.9
-38.75°	26.3	25.5	24.5	23.4	22.4	21.7	21.0	20.3	19.4	18.6	17.6
-40°	21.8	21.4	21.0	20.5	19.9	19.3	18.6	17.9	17.2	16.6	16.0
-41.25°	19.2	18.8	18.4	18.0	17.4	17.0	16.6	16.1	15.6	15.0	14.5
-42.5°	16.9	16.7	16.4	16.1	15.7	15.4	14.9	14.5	14.0	13.6	13.1
-43.75°	15.2	14.9	14.7	14.4	14.1	13.7	13.4	13.1	12.8	12.4	12.0
-45°	13.5	13.4	13.2	13.0	12.8	12.5	12.2	11.9	11.6	11.2	10.8
-46.25°	12.3	12.1	11.9	11.7	11.5	11.3	11.0	10.7	10.4	10.0	9.6
-47.5°	11.0	10.8	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.8	8.6
-48.75°	9.7	9.6	9.4	9.2	9.0	8.8	8.6	8.5	8.4	8.3	8.2
-50°	8.6	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.8
-51.25°	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.5	7.4
-52.5°	7.7	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0
-53.75°	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.9	6.9	6.9	6.9
-55°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-56.25°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.7
-57.5°	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.4	6.3
-58.75°	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.1	6.1
-60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7	5.6
-68.75°	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2
-70°	5.2	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.8
-71.25°	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.5	4.4	4.4
-72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-73.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-75°	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0
-76.25°	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7
-77.5°	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1	3.0



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
-83.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.4	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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
82.5°	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
77.5°	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1
76.25°	3.6	3.6	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
75°	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5
73.75°	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.0	4.0	3.9	3.9
72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2
71.25°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
70°	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.3	4.3	4.3
68.75°	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4
67.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.8
66.25°	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.1
65°	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.7	5.6	5.5
63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
56.25°	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1
55°	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1
53.75°	6.9	6.9	6.9	6.9	6.9	6.7	6.6	6.5	6.4	6.2	6.1
52.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.5	6.4
51.25°	7.3	7.1	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7
50°	7.7	7.5	7.4	7.3	7.1	7.0	6.9	6.9	6.9	6.9	6.9
48.75°	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.0	6.9	6.9	6.9
47.5°	8.5	8.3	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.9
46.25°	9.2	8.8	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.3	7.1
45°	10.4	10.0	9.5	9.0	8.6	8.5	8.3	8.1	7.9	7.7	7.5
43.75°	11.6	11.1	10.6	10.1	9.6	9.1	8.6	8.4	8.2	8.0	7.8
42.5°	12.7	12.2	11.8	11.2	10.7	10.2	9.6	9.0	8.6	8.4	8.1
41.25°	13.8	13.4	12.9	12.3	11.8	11.2	10.6	10.0	9.4	8.7	8.5
40°	15.4	14.7	14.0	13.4	12.8	12.2	11.6	11.0	10.3	9.6	9.0
38.75°	16.9	16.2	15.4	14.7	13.9	13.3	12.6	12.0	11.3	10.6	9.9
37.5°	18.9	17.8	16.9	16.1	15.3	14.4	13.6	12.9	12.2	11.5	10.8
36.25°	21.1	20.0	18.8	17.6	16.6	15.8	14.8	13.9	13.2	12.4	11.7
35°	24.1	22.1	20.9	19.6	18.3	17.1	16.1	15.2	14.2	13.3	12.5

REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	28.8	26.2	23.5	21.7	20.3	18.9	17.4	16.4	15.4	14.3	13.4
32.5°	33.5	30.8	28.0	25.0	22.3	20.8	19.3	17.8	16.6	15.5	14.4
31.25°	44.1	37.4	32.4	29.3	26.2	22.9	21.2	19.6	17.9	16.6	15.5
30°	55.1	48.1	40.8	33.6	30.3	26.9	23.5	21.4	19.7	17.9	16.6
28.75°	65.7	58.6	51.1	43.2	35.1	30.9	27.3	23.7	21.4	19.6	17.8
27.5°	76.1	68.7	61.2	53.1	44.7	36.1	31.1	27.3	23.5	21.2	19.3
26.25°	86.2	78.6	70.8	62.6	54.1	45.2	36.1	30.9	26.9	22.9	20.8
25°	98.3	88.7	80.2	71.8	63.1	54.1	44.7	35.1	30.3	26.2	22.3
23.75°	110.4	100.4	90.0	80.7	71.8	62.6	53.1	43.2	33.6	29.3	25.0
22.5°	122.8	111.8	101.0	90.0	80.2	70.8	61.2	51.1	40.8	32.4	28.0
21.25°	137.0	123.7	111.8	100.4	88.7	78.6	68.7	58.6	48.1	37.4	30.8
20°	152.2	137.0	122.8	110.4	98.3	86.2	76.1	65.7	55.1	44.1	33.5
18.75°	168.3	151.1	135.1	120.3	107.7	95.0	83.1	72.5	61.8	50.6	39.3
17.5°	185.5	166.0	148.1	131.5	116.6	103.6	90.4	78.9	67.9	56.7	45.2
16.25°	203.9	181.5	161.5	143.1	126.3	111.7	98.2	85.0	73.8	62.5	50.8
15°	223.7	197.6	174.9	154.7	136.3	119.5	105.6	91.7	79.3	67.8	56.0
13.75°	245.2	214.6	188.9	166.5	146.5	128.3	112.5	98.3	84.5	72.7	60.9
12.5°	265.5	233.1	203.4	178.3	156.4	136.6	118.9	104.4	89.8	77.3	65.3
11.25°	284.3	251.0	217.4	189.8	166.0	145.0	126.1	110.1	95.2	81.5	69.3
10°	304.3	267.4	232.8	201.5	175.3	152.7	132.6	115.2	100.1	85.3	72.9
8.75°	325.9	282.1	246.8	212.4	184.3	160.2	138.9	119.9	104.4	89.1	76.1
7.5°	345.1	295.5	259.1	222.9	192.1	166.8	144.6	124.8	108.2	92.7	78.9
6.25°	361.7	311.1	269.8	232.9	199.8	172.6	149.4	128.9	111.5	95.8	81.4
5°	375.5	324.0	278.6	241.2	206.3	177.9	153.6	132.3	114.2	98.4	83.3
3.75°	386.3	334.2	285.5	247.8	211.4	182.0	157.1	135.1	116.3	100.4	84.9
2.5°	394.2	341.6	290.5	252.5	215.1	185.0	159.6	137.2	117.8	101.8	86.0
1.25°	398.9	346.0	293.5	255.3	217.3	186.8	161.0	138.5	118.7	102.7	86.7
0°	400.5	347.5	294.5	256.3	218.0	187.4	161.6	139.0	119.0	103.0	86.9
-1.25°	398.9	346.0	293.5	255.3	217.3	186.8	161.0	138.5	118.7	102.7	86.7
-2.5°	394.2	341.6	290.5	252.5	215.1	185.0	159.6	137.2	117.8	101.8	86.0
-3.75°	386.3	334.2	285.5	247.8	211.4	182.0	157.1	135.1	116.3	100.4	84.9
-5°	375.5	324.0	278.6	241.2	206.3	177.9	153.6	132.3	114.2	98.4	83.3
-6.25°	361.7	311.1	269.8	232.9	199.8	172.6	149.4	128.9	111.5	95.8	81.4
-7.5°	345.1	295.5	259.1	222.9	192.1	166.8	144.6	124.8	108.2	92.7	78.9
-8.75°	325.9	282.1	246.8	212.4	184.3	160.2	138.9	119.9	104.4	89.1	76.1
-10°	304.3	267.4	232.8	201.5	175.3	152.7	132.6	115.2	100.1	85.3	72.9
-11.25°	284.3	251.0	217.4	189.8	166.0	145.0	126.1	110.1	95.2	81.5	69.3
-12.5°	265.5	233.1	203.4	178.3	156.4	136.6	118.9	104.4	89.8	77.3	65.3
-13.75°	245.2	214.6	188.9	166.5	146.5	128.3	112.5	98.3	84.5	72.7	60.9
-15°	223.7	197.6	174.9	154.7	136.3	119.5	105.6	91.7	79.3	67.8	56.0
-16.25°	203.9	181.5	161.5	143.1	126.3	111.7	98.2	85.0	73.8	62.5	50.8
-17.5°	185.5	166.0	148.1	131.5	116.6	103.6	90.4	78.9	67.9	56.7	45.2
-18.75°	168.3	151.1	135.1	120.3	107.7	95.0	83.1	72.5	61.8	50.6	39.3
-20°	152.2	137.0	122.8	110.4	98.3	86.2	76.1	65.7	55.1	44.1	33.5
-21.25°	137.0	123.7	111.8	100.4	88.7	78.6	68.7	58.6	48.1	37.4	30.8



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	122.8	111.8	101.0	90.0	80.2	70.8	61.2	51.1	40.8	32.4	28.0
-23.75°	110.4	100.4	90.0	80.7	71.8	62.6	53.1	43.2	33.6	29.3	25.0
-25°	98.3	88.7	80.2	71.8	63.1	54.1	44.7	35.1	30.3	26.2	22.3
-26.25°	86.2	78.6	70.8	62.6	54.1	45.2	36.1	30.9	26.9	22.9	20.8
-27.5°	76.1	68.7	61.2	53.1	44.7	36.1	31.1	27.3	23.5	21.2	19.3
-28.75°	65.7	58.6	51.1	43.2	35.1	30.9	27.3	23.7	21.4	19.6	17.8
-30°	55.1	48.1	40.8	33.6	30.3	26.9	23.5	21.4	19.7	17.9	16.6
-31.25°	44.1	37.4	32.4	29.3	26.2	22.9	21.2	19.6	17.9	16.6	15.5
-32.5°	33.5	30.8	28.0	25.0	22.3	20.8	19.3	17.8	16.6	15.5	14.4
-33.75°	28.8	26.2	23.5	21.7	20.3	18.9	17.4	16.4	15.4	14.3	13.4
-35°	24.1	22.1	20.9	19.6	18.3	17.1	16.1	15.2	14.2	13.3	12.5
-36.25°	21.1	20.0	18.8	17.6	16.6	15.8	14.8	13.9	13.2	12.4	11.7
-37.5°	18.9	17.8	16.9	16.1	15.3	14.4	13.6	12.9	12.2	11.5	10.8
-38.75°	16.9	16.2	15.4	14.7	13.9	13.3	12.6	12.0	11.3	10.6	9.9
-40°	15.4	14.7	14.0	13.4	12.8	12.2	11.6	11.0	10.3	9.6	9.0
-41.25°	13.8	13.4	12.9	12.3	11.8	11.2	10.6	10.0	9.4	8.7	8.5
-42.5°	12.7	12.2	11.8	11.2	10.7	10.2	9.6	9.0	8.6	8.4	8.1
-43.75°	11.6	11.1	10.6	10.1	9.6	9.1	8.6	8.4	8.2	8.0	7.8
-45°	10.4	10.0	9.5	9.0	8.6	8.5	8.3	8.1	7.9	7.7	7.5
-46.25°	9.2	8.8	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.3	7.1
-47.5°	8.5	8.3	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.9
-48.75°	8.1	8.0	7.8	7.7	7.5	7.4	7.2	7.0	6.9	6.9	6.9
-50°	7.7	7.5	7.4	7.3	7.1	7.0	6.9	6.9	6.9	6.9	6.9
-51.25°	7.3	7.1	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7
-52.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.5	6.4
-53.75°	6.9	6.9	6.9	6.9	6.9	6.7	6.6	6.5	6.4	6.2	6.1
-55°	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1
-56.25°	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1
-57.5°	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-60°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-61.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-62.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
-65°	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.7	5.6	5.5
-66.25°	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.1
-67.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.8
-68.75°	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4
-70°	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.3	4.3	4.3
-71.25°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2
-73.75°	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.0	4.0	3.9	3.9
-75°	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5
-76.25°	3.6	3.6	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-77.5°	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3
-83.75°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
81.25°	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5
78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	2.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
76.25°	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.7	1.7
75°	3.4	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9
73.75°	3.8	3.7	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.5
72.5°	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.3	3.1
71.25°	4.3	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6
70°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.9
68.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1
67.5°	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
66.25°	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.3	4.3	4.3	4.3
65°	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.3
63.75°	5.8	5.6	5.5	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4
62.5°	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2	5.0	4.9	4.7
61.25°	6.1	6.1	6.1	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0
60°	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.6	5.5	5.3
58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.6
57.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
52.5°	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
51.25°	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
50°	6.8	6.7	6.5	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1
48.75°	6.9	6.9	6.8	6.6	6.4	6.2	6.1	6.1	6.1	6.1	6.1
47.5°	6.9	6.9	6.9	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.1
46.25°	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.3	6.1	6.1	6.1
45°	7.3	7.0	6.9	6.9	6.9	6.9	6.8	6.6	6.3	6.1	6.1
43.75°	7.6	7.4	7.1	6.9	6.9	6.9	6.9	6.8	6.6	6.3	6.1
42.5°	7.9	7.7	7.4	7.2	6.9	6.9	6.9	6.9	6.8	6.6	6.3
41.25°	8.2	8.0	7.7	7.5	7.2	7.0	6.9	6.9	6.9	6.8	6.5
40°	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.9	6.9	6.9	6.7
38.75°	9.1	8.6	8.3	8.1	7.8	7.5	7.2	6.9	6.9	6.9	6.9
37.5°	10.0	9.3	8.6	8.3	8.1	7.8	7.5	7.2	6.9	6.9	6.9
36.25°	10.9	10.1	9.3	8.6	8.3	8.0	7.7	7.4	7.1	6.9	6.9
35°	11.7	10.9	10.1	9.3	8.6	8.3	8.0	7.7	7.4	7.0	6.9



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	12.6	11.7	10.9	10.0	9.1	8.5	8.2	7.9	7.6	7.3	6.9
32.5°	13.4	12.5	11.7	10.8	9.9	9.0	8.5	8.1	7.8	7.5	7.1
31.25°	14.3	13.3	12.4	11.5	10.6	9.6	8.7	8.4	8.0	7.7	7.3
30°	15.4	14.2	13.2	12.2	11.3	10.3	9.4	8.6	8.2	7.9	7.5
28.75°	16.4	15.2	13.9	12.9	12.0	11.0	10.0	9.0	8.4	8.1	7.7
27.5°	17.4	16.1	14.8	13.6	12.6	11.6	10.6	9.6	8.6	8.3	7.9
26.25°	18.9	17.1	15.8	14.4	13.3	12.2	11.2	10.2	9.1	8.5	8.1
25°	20.3	18.3	16.6	15.3	13.9	12.8	11.8	10.7	9.6	8.6	8.3
23.75°	21.7	19.6	17.6	16.1	14.7	13.4	12.3	11.2	10.1	9.0	8.4
22.5°	23.5	20.9	18.8	16.9	15.4	14.0	12.9	11.8	10.6	9.5	8.6
21.25°	26.2	22.1	20.0	17.8	16.2	14.7	13.4	12.2	11.1	10.0	8.8
20°	28.8	24.1	21.1	18.9	16.9	15.4	13.8	12.7	11.6	10.4	9.2
18.75°	31.4	26.5	22.2	19.9	17.6	16.0	14.5	13.1	12.0	10.8	9.6
17.5°	33.7	28.8	23.8	20.9	18.6	16.6	15.0	13.6	12.4	11.2	10.0
16.25°	38.9	31.0	25.9	21.8	19.4	17.2	15.6	14.0	12.8	11.6	10.4
15°	43.9	33.0	27.9	22.7	20.3	17.9	16.1	14.5	13.1	11.9	10.7
13.75°	48.6	36.3	29.7	24.5	21.0	18.6	16.6	14.9	13.4	12.2	11.0
12.5°	52.9	40.4	31.4	26.1	21.7	19.3	17.0	15.4	13.7	12.5	11.3
11.25°	56.9	44.2	32.9	27.5	22.4	19.9	17.4	15.7	14.1	12.8	11.5
10°	60.5	47.6	34.8	28.8	23.4	20.5	18.0	16.1	14.4	13.0	11.7
8.75°	63.6	50.7	37.7	30.0	24.5	21.0	18.4	16.4	14.7	13.2	11.9
7.5°	66.3	53.3	40.2	31.0	25.5	21.4	18.8	16.7	14.9	13.4	12.1
6.25°	68.6	55.6	42.4	31.9	26.3	21.8	19.2	16.9	15.2	13.5	12.3
5°	70.5	57.5	44.2	32.6	27.0	22.1	19.5	17.1	15.3	13.7	12.4
3.75°	71.9	58.9	45.6	33.2	27.6	22.3	19.7	17.2	15.5	13.8	12.5
2.5°	73.0	60.0	46.6	33.6	27.9	22.5	19.9	17.3	15.6	13.8	12.5
1.25°	73.6	60.6	47.1	33.8	28.2	22.6	20.0	17.4	15.6	13.9	12.6
0°	73.9	60.8	47.4	33.9	28.3	22.6	20.0	17.4	15.7	13.9	12.6
-1.25°	73.6	60.6	47.1	33.8	28.2	22.6	20.0	17.4	15.6	13.9	12.6
-2.5°	73.0	60.0	46.6	33.6	27.9	22.5	19.9	17.3	15.6	13.8	12.5
-3.75°	71.9	58.9	45.6	33.2	27.6	22.3	19.7	17.2	15.5	13.8	12.5
-5°	70.5	57.5	44.2	32.6	27.0	22.1	19.5	17.1	15.3	13.7	12.4
-6.25°	68.6	55.6	42.4	31.9	26.3	21.8	19.2	16.9	15.2	13.5	12.3
-7.5°	66.3	53.3	40.2	31.0	25.5	21.4	18.8	16.7	14.9	13.4	12.1
-8.75°	63.6	50.7	37.7	30.0	24.5	21.0	18.4	16.4	14.7	13.2	11.9
-10°	60.5	47.6	34.8	28.8	23.4	20.5	18.0	16.1	14.4	13.0	11.7
-11.25°	56.9	44.2	32.9	27.5	22.4	19.9	17.4	15.7	14.1	12.8	11.5
-12.5°	52.9	40.4	31.4	26.1	21.7	19.3	17.0	15.4	13.7	12.5	11.3
-13.75°	48.6	36.3	29.7	24.5	21.0	18.6	16.6	14.9	13.4	12.2	11.0
-15°	43.9	33.0	27.9	22.7	20.3	17.9	16.1	14.5	13.1	11.9	10.7
-16.25°	38.9	31.0	25.9	21.8	19.4	17.2	15.6	14.0	12.8	11.6	10.4
-17.5°	33.7	28.8	23.8	20.9	18.6	16.6	15.0	13.6	12.4	11.2	10.0
-18.75°	31.4	26.5	22.2	19.9	17.6	16.0	14.5	13.1	12.0	10.8	9.6
-20°	28.8	24.1	21.1	18.9	16.9	15.4	13.8	12.7	11.6	10.4	9.2
-21.25°	26.2	22.1	20.0	17.8	16.2	14.7	13.4	12.2	11.1	10.0	8.8



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	23.5	20.9	18.8	16.9	15.4	14.0	12.9	11.8	10.6	9.5	8.6
-23.75°	21.7	19.6	17.6	16.1	14.7	13.4	12.3	11.2	10.1	9.0	8.4
-25°	20.3	18.3	16.6	15.3	13.9	12.8	11.8	10.7	9.6	8.6	8.3
-26.25°	18.9	17.1	15.8	14.4	13.3	12.2	11.2	10.2	9.1	8.5	8.1
-27.5°	17.4	16.1	14.8	13.6	12.6	11.6	10.6	9.6	8.6	8.3	7.9
-28.75°	16.4	15.2	13.9	12.9	12.0	11.0	10.0	9.0	8.4	8.1	7.7
-30°	15.4	14.2	13.2	12.2	11.3	10.3	9.4	8.6	8.2	7.9	7.5
-31.25°	14.3	13.3	12.4	11.5	10.6	9.6	8.7	8.4	8.0	7.7	7.3
-32.5°	13.4	12.5	11.7	10.8	9.9	9.0	8.5	8.1	7.8	7.5	7.1
-33.75°	12.6	11.7	10.9	10.0	9.1	8.5	8.2	7.9	7.6	7.3	6.9
-35°	11.7	10.9	10.1	9.3	8.6	8.3	8.0	7.7	7.4	7.0	6.9
-36.25°	10.9	10.1	9.3	8.6	8.3	8.0	7.7	7.4	7.1	6.9	6.9
-37.5°	10.0	9.3	8.6	8.3	8.1	7.8	7.5	7.2	6.9	6.9	6.9
-38.75°	9.1	8.6	8.3	8.1	7.8	7.5	7.2	6.9	6.9	6.9	6.9
-40°	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.9	6.9	6.9	6.7
-41.25°	8.2	8.0	7.7	7.5	7.2	7.0	6.9	6.9	6.9	6.8	6.5
-42.5°	7.9	7.7	7.4	7.2	6.9	6.9	6.9	6.9	6.8	6.6	6.3
-43.75°	7.6	7.4	7.1	6.9	6.9	6.9	6.9	6.8	6.6	6.3	6.1
-45°	7.3	7.0	6.9	6.9	6.9	6.9	6.8	6.6	6.3	6.1	6.1
-46.25°	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.3	6.1	6.1	6.1
-47.5°	6.9	6.9	6.9	6.9	6.7	6.5	6.3	6.1	6.1	6.1	6.1
-48.75°	6.9	6.9	6.8	6.6	6.4	6.2	6.1	6.1	6.1	6.1	6.1
-50°	6.8	6.7	6.5	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-51.25°	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-52.5°	6.2	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	6.1	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	6.1	6.1	6.1
-57.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9
-58.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.6
-60°	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.6	5.5	5.3
-61.25°	6.1	6.1	6.1	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0
-62.5°	6.1	6.0	5.9	5.7	5.6	5.5	5.3	5.2	5.0	4.9	4.7
-63.75°	5.8	5.6	5.5	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4
-65°	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.3
-66.25°	5.0	4.9	4.8	4.7	4.6	4.5	4.3	4.3	4.3	4.3	4.3
-67.5°	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-68.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1
-70°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.9
-71.25°	4.3	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6
-72.5°	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.3	3.1
-73.75°	3.8	3.7	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.5
-75°	3.4	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9
-76.25°	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.7	1.7
-77.5°	2.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5
-81.25°	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2
-82.5°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
-83.75°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
-88.75°	0.4	0.4	0.4	0.4	0.4	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.3	0.3	0.3	0.2	0.2	0.2	0.2
87.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4
86.25°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
81.25°	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
80°	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9
78.75°	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.3
76.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5
75°	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
73.75°	2.3	2.2	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.7	1.7	1.7	1.7
71.25°	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9	1.7	1.7	1.7
70°	3.8	3.7	3.6	3.4	3.2	2.9	2.6	2.4	2.1	1.9	1.7
68.75°	4.0	3.9	3.8	3.7	3.6	3.4	3.1	2.9	2.6	2.3	2.0
67.5°	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.3	3.0	2.7	2.4
66.25°	4.3	4.3	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.2	2.9
65°	4.3	4.3	4.3	4.3	4.3	4.1	4.0	3.8	3.7	3.6	3.3
63.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.9	3.7	3.6
62.5°	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.1	3.9	3.8
61.25°	4.8	4.7	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.1	4.0
60°	5.1	4.9	4.7	4.6	4.4	4.3	4.3	4.3	4.3	4.3	4.1
58.75°	5.4	5.2	5.0	4.8	4.6	4.4	4.3	4.3	4.3	4.3	4.3
57.5°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.3	4.3	4.3
56.25°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.3	4.3
55°	6.1	6.0	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.3	4.3
53.75°	6.1	6.1	6.0	5.8	5.6	5.4	5.1	4.9	4.7	4.4	4.3
52.5°	6.1	6.1	6.1	6.1	5.8	5.6	5.4	5.1	4.9	4.6	4.4
51.25°	6.1	6.1	6.1	6.1	6.1	5.8	5.6	5.3	5.1	4.8	4.6
50°	6.1	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.0	4.7
48.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.7	5.5	5.2	4.9
47.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.4	5.1
46.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.6	5.3
45°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.7	5.5
43.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.6
42.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.8
41.25°	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9
40°	6.5	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
38.75°	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
37.5°	6.9	6.6	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
36.25°	6.9	6.8	6.5	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1
35°	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	6.9	6.9	6.8	6.5	6.2	6.1	6.1	6.1	6.1	6.1	6.1
32.5°	6.9	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1
31.25°	7.0	6.9	6.9	6.9	6.5	6.2	6.1	6.1	6.1	6.1	6.1
30°	7.2	6.9	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1
28.75°	7.4	7.0	6.9	6.9	6.8	6.5	6.2	6.1	6.1	6.1	6.1
27.5°	7.6	7.2	6.9	6.9	6.9	6.6	6.3	6.1	6.1	6.1	6.1
26.25°	7.7	7.4	7.0	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1
25°	7.9	7.5	7.1	6.9	6.9	6.9	6.5	6.2	6.1	6.1	6.1
23.75°	8.1	7.7	7.3	6.9	6.9	6.9	6.6	6.3	6.1	6.1	6.1
22.5°	8.2	7.8	7.4	7.0	6.9	6.9	6.7	6.4	6.1	6.1	6.1
21.25°	8.3	8.0	7.5	7.1	6.9	6.9	6.8	6.5	6.1	6.1	6.1
20°	8.5	8.1	7.7	7.3	6.9	6.9	6.9	6.6	6.2	6.1	6.1
18.75°	8.6	8.2	7.8	7.4	7.0	6.9	6.9	6.7	6.3	6.1	6.1
17.5°	8.8	8.3	7.9	7.5	7.1	6.9	6.9	6.7	6.4	6.1	6.1
16.25°	9.2	8.4	8.0	7.6	7.2	6.9	6.9	6.8	6.4	6.1	6.1
15°	9.5	8.5	8.1	7.7	7.3	6.9	6.9	6.9	6.5	6.1	6.1
13.75°	9.8	8.6	8.2	7.8	7.4	6.9	6.9	6.9	6.6	6.2	6.1
12.5°	10.0	8.8	8.3	7.9	7.4	7.0	6.9	6.9	6.6	6.2	6.1
11.25°	10.3	9.0	8.4	7.9	7.5	7.1	6.9	6.9	6.7	6.3	6.1
10°	10.5	9.2	8.4	8.0	7.6	7.1	6.9	6.9	6.7	6.3	6.1
8.75°	10.7	9.4	8.5	8.1	7.6	7.2	6.9	6.9	6.8	6.4	6.1
7.5°	10.8	9.6	8.6	8.1	7.7	7.2	6.9	6.9	6.8	6.4	6.1
6.25°	11.0	9.7	8.6	8.2	7.7	7.3	6.9	6.9	6.8	6.4	6.1
5°	11.1	9.8	8.6	8.2	7.7	7.3	6.9	6.9	6.9	6.5	6.1
3.75°	11.2	9.9	8.7	8.2	7.8	7.3	6.9	6.9	6.9	6.5	6.1
2.5°	11.2	10.0	8.7	8.2	7.8	7.3	6.9	6.9	6.9	6.5	6.1
1.25°	11.3	10.0	8.7	8.2	7.8	7.3	6.9	6.9	6.9	6.5	6.1
0°	11.3	10.0	8.7	8.3	7.8	7.4	6.9	6.9	6.9	6.5	6.1
-1.25°	11.3	10.0	8.7	8.2	7.8	7.3	6.9	6.9	6.9	6.5	6.1
-2.5°	11.2	10.0	8.7	8.2	7.8	7.3	6.9	6.9	6.9	6.5	6.1
-3.75°	11.2	9.9	8.7	8.2	7.8	7.3	6.9	6.9	6.9	6.5	6.1
-5°	11.1	9.8	8.6	8.2	7.7	7.3	6.9	6.9	6.9	6.5	6.1
-6.25°	11.0	9.7	8.6	8.2	7.7	7.3	6.9	6.9	6.8	6.4	6.1
-7.5°	10.8	9.6	8.6	8.1	7.7	7.2	6.9	6.9	6.8	6.4	6.1
-8.75°	10.7	9.4	8.5	8.1	7.6	7.2	6.9	6.9	6.8	6.4	6.1
-10°	10.5	9.2	8.4	8.0	7.6	7.1	6.9	6.9	6.7	6.3	6.1
-11.25°	10.3	9.0	8.4	7.9	7.5	7.1	6.9	6.9	6.7	6.3	6.1
-12.5°	10.0	8.8	8.3	7.9	7.4	7.0	6.9	6.9	6.6	6.2	6.1
-13.75°	9.8	8.6	8.2	7.8	7.4	6.9	6.9	6.9	6.6	6.2	6.1
-15°	9.5	8.5	8.1	7.7	7.3	6.9	6.9	6.9	6.5	6.1	6.1
-16.25°	9.2	8.4	8.0	7.6	7.2	6.9	6.9	6.8	6.4	6.1	6.1
-17.5°	8.8	8.3	7.9	7.5	7.1	6.9	6.9	6.7	6.4	6.1	6.1
-18.75°	8.6	8.2	7.8	7.4	7.0	6.9	6.9	6.7	6.3	6.1	6.1
-20°	8.5	8.1	7.7	7.3	6.9	6.9	6.9	6.6	6.2	6.1	6.1
-21.25°	8.3	8.0	7.5	7.1	6.9	6.9	6.8	6.5	6.1	6.1	6.1



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	8.2	7.8	7.4	7.0	6.9	6.9	6.7	6.4	6.1	6.1	6.1
-23.75°	8.1	7.7	7.3	6.9	6.9	6.9	6.6	6.3	6.1	6.1	6.1
-25°	7.9	7.5	7.1	6.9	6.9	6.9	6.5	6.2	6.1	6.1	6.1
-26.25°	7.7	7.4	7.0	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1
-27.5°	7.6	7.2	6.9	6.9	6.9	6.6	6.3	6.1	6.1	6.1	6.1
-28.75°	7.4	7.0	6.9	6.9	6.8	6.5	6.2	6.1	6.1	6.1	6.1
-30°	7.2	6.9	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1
-31.25°	7.0	6.9	6.9	6.9	6.5	6.2	6.1	6.1	6.1	6.1	6.1
-32.5°	6.9	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1
-33.75°	6.9	6.9	6.8	6.5	6.2	6.1	6.1	6.1	6.1	6.1	6.1
-35°	6.9	6.9	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-36.25°	6.9	6.8	6.5	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-37.5°	6.9	6.6	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-38.75°	6.7	6.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-40°	6.5	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-41.25°	6.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9
-42.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.8
-43.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.6
-45°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.7	5.5
-46.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.6	5.3
-47.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.4	5.1
-48.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.7	5.5	5.2	4.9
-50°	6.1	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.0	4.7
-51.25°	6.1	6.1	6.1	6.1	6.1	5.8	5.6	5.3	5.1	4.8	4.6
-52.5°	6.1	6.1	6.1	6.1	5.8	5.6	5.4	5.1	4.9	4.6	4.4
-53.75°	6.1	6.1	6.0	5.8	5.6	5.4	5.1	4.9	4.7	4.4	4.3
-55°	6.1	6.0	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.3	4.3
-56.25°	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.3	4.3
-57.5°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.3	4.3	4.3
-58.75°	5.4	5.2	5.0	4.8	4.6	4.4	4.3	4.3	4.3	4.3	4.3
-60°	5.1	4.9	4.7	4.6	4.4	4.3	4.3	4.3	4.3	4.3	4.1
-61.25°	4.8	4.7	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.1	4.0
-62.5°	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.1	3.9	3.8
-63.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.1	3.9	3.7	3.6
-65°	4.3	4.3	4.3	4.3	4.3	4.1	4.0	3.8	3.7	3.6	3.3
-66.25°	4.3	4.3	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.2	2.9
-67.5°	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.3	3.0	2.7	2.4
-68.75°	4.0	3.9	3.8	3.7	3.6	3.4	3.1	2.9	2.6	2.3	2.0
-70°	3.8	3.7	3.6	3.4	3.2	2.9	2.6	2.4	2.1	1.9	1.7
-71.25°	3.5	3.3	3.1	2.9	2.6	2.4	2.1	1.9	1.7	1.7	1.7
-72.5°	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.7	1.7	1.7	1.7
-73.75°	2.3	2.2	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-75°	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-76.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5
-77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.3



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1
-80°	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9
-81.25°	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
-82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-86.25°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-87.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.2	0.2	0.1	0.1	0.1
87.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
86.25°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
85°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
81.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
78.75°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
76.25°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.9
75°	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.9	0.9
73.75°	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.9
72.5°	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9
71.25°	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.2	1.1	1.0
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.2	1.1
68.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.2
67.5°	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3
66.25°	2.5	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.4
65°	2.9	2.6	2.3	1.9	1.7	1.7	1.7	1.7	1.7	1.6	1.5
63.75°	3.3	3.0	2.6	2.3	1.9	1.7	1.7	1.7	1.7	1.7	1.6
62.5°	3.6	3.4	3.0	2.6	2.2	1.8	1.7	1.7	1.7	1.7	1.7
61.25°	3.8	3.6	3.3	2.9	2.5	2.1	1.7	1.7	1.7	1.7	1.7
60°	4.0	3.8	3.6	3.3	2.9	2.4	2.0	1.7	1.7	1.7	1.7
58.75°	4.1	3.9	3.7	3.6	3.2	2.7	2.3	1.9	1.7	1.7	1.7
57.5°	4.3	4.1	3.9	3.7	3.5	3.0	2.6	2.1	1.7	1.7	1.7
56.25°	4.3	4.3	4.1	3.8	3.6	3.3	2.9	2.4	1.9	1.7	1.7
55°	4.3	4.3	4.2	4.0	3.8	3.6	3.1	2.6	2.1	1.7	1.7
53.75°	4.3	4.3	4.3	4.1	3.9	3.7	3.4	2.9	2.4	1.9	1.7
52.5°	4.3	4.3	4.3	4.3	4.0	3.8	3.6	3.2	2.6	2.1	1.7
51.25°	4.3	4.3	4.3	4.3	4.2	3.9	3.7	3.4	2.9	2.3	1.8
50°	4.5	4.3	4.3	4.3	4.3	4.1	3.8	3.6	3.1	2.5	2.0
48.75°	4.7	4.4	4.3	4.3	4.3	4.2	3.9	3.7	3.3	2.7	2.2
47.5°	4.8	4.5	4.3	4.3	4.3	4.3	4.0	3.8	3.5	2.9	2.3
46.25°	5.0	4.7	4.4	4.3	4.3	4.3	4.1	3.9	3.6	3.1	2.5
45°	5.2	4.9	4.6	4.3	4.3	4.3	4.3	4.0	3.7	3.3	2.7
43.75°	5.3	5.0	4.7	4.4	4.3	4.3	4.3	4.1	3.8	3.5	2.9
42.5°	5.5	5.2	4.9	4.5	4.3	4.3	4.3	4.2	3.9	3.6	3.1
41.25°	5.6	5.3	5.0	4.7	4.3	4.3	4.3	4.3	4.0	3.7	3.2
40°	5.8	5.5	5.1	4.8	4.5	4.3	4.3	4.3	4.1	3.8	3.4
38.75°	5.9	5.6	5.3	4.9	4.6	4.3	4.3	4.3	4.1	3.8	3.5
37.5°	6.1	5.7	5.4	5.1	4.7	4.4	4.3	4.3	4.2	3.9	3.6
36.25°	6.1	5.9	5.5	5.2	4.8	4.5	4.3	4.3	4.3	4.0	3.7
35°	6.1	6.0	5.6	5.3	4.9	4.6	4.3	4.3	4.3	4.1	3.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	6.1	6.1	5.8	5.4	5.0	4.7	4.3	4.3	4.3	4.1	3.8
32.5°	6.1	6.1	5.9	5.5	5.1	4.8	4.4	4.3	4.3	4.2	3.9
31.25°	6.1	6.1	6.0	5.6	5.3	4.9	4.5	4.3	4.3	4.3	3.9
30°	6.1	6.1	6.1	5.7	5.3	5.0	4.6	4.3	4.3	4.3	4.0
28.75°	6.1	6.1	6.1	5.8	5.4	5.1	4.7	4.3	4.3	4.3	4.0
27.5°	6.1	6.1	6.1	5.9	5.5	5.1	4.8	4.4	4.3	4.3	4.1
26.25°	6.1	6.1	6.1	6.0	5.6	5.2	4.8	4.4	4.3	4.3	4.2
25°	6.1	6.1	6.1	6.1	5.7	5.3	4.9	4.5	4.3	4.3	4.2
23.75°	6.1	6.1	6.1	6.1	5.8	5.4	5.0	4.6	4.3	4.3	4.2
22.5°	6.1	6.1	6.1	6.1	5.9	5.5	5.0	4.6	4.3	4.3	4.3
21.25°	6.1	6.1	6.1	6.1	5.9	5.5	5.1	4.7	4.3	4.3	4.3
20°	6.1	6.1	6.1	6.1	6.0	5.6	5.2	4.7	4.3	4.3	4.3
18.75°	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.8	4.4	4.3	4.3
17.5°	6.1	6.1	6.1	6.1	6.1	5.7	5.3	4.9	4.4	4.3	4.3
16.25°	6.1	6.1	6.1	6.1	6.1	5.8	5.3	4.9	4.5	4.3	4.3
15°	6.1	6.1	6.1	6.1	6.1	5.8	5.4	4.9	4.5	4.3	4.3
13.75°	6.1	6.1	6.1	6.1	6.1	5.9	5.4	5.0	4.5	4.3	4.3
12.5°	6.1	6.1	6.1	6.1	6.1	5.9	5.5	5.0	4.6	4.3	4.3
11.25°	6.1	6.1	6.1	6.1	6.1	5.9	5.5	5.1	4.6	4.3	4.3
10°	6.1	6.1	6.1	6.1	6.1	6.0	5.5	5.1	4.6	4.3	4.3
8.75°	6.1	6.1	6.1	6.1	6.1	6.0	5.6	5.1	4.7	4.3	4.3
7.5°	6.1	6.1	6.1	6.1	6.1	6.0	5.6	5.1	4.7	4.3	4.3
6.25°	6.1	6.1	6.1	6.1	6.1	6.0	5.6	5.2	4.7	4.3	4.3
5°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
3.75°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
2.5°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
1.25°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
0°	6.1	6.1	6.1	6.1	6.1	6.1	5.7	5.2	4.8	4.3	4.3
-1.25°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
-2.5°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
-3.75°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
-5°	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.7	4.3	4.3
-6.25°	6.1	6.1	6.1	6.1	6.1	6.0	5.6	5.2	4.7	4.3	4.3
-7.5°	6.1	6.1	6.1	6.1	6.1	6.0	5.6	5.1	4.7	4.3	4.3
-8.75°	6.1	6.1	6.1	6.1	6.1	6.0	5.6	5.1	4.7	4.3	4.3
-10°	6.1	6.1	6.1	6.1	6.1	6.0	5.5	5.1	4.6	4.3	4.3
-11.25°	6.1	6.1	6.1	6.1	6.1	5.9	5.5	5.1	4.6	4.3	4.3
-12.5°	6.1	6.1	6.1	6.1	6.1	5.9	5.5	5.0	4.6	4.3	4.3
-13.75°	6.1	6.1	6.1	6.1	6.1	5.9	5.4	5.0	4.5	4.3	4.3
-15°	6.1	6.1	6.1	6.1	6.1	5.8	5.4	4.9	4.5	4.3	4.3
-16.25°	6.1	6.1	6.1	6.1	6.1	5.8	5.3	4.9	4.5	4.3	4.3
-17.5°	6.1	6.1	6.1	6.1	6.1	5.7	5.3	4.9	4.4	4.3	4.3
-18.75°	6.1	6.1	6.1	6.1	6.1	5.6	5.2	4.8	4.4	4.3	4.3
-20°	6.1	6.1	6.1	6.1	6.0	5.6	5.2	4.7	4.3	4.3	4.3
-21.25°	6.1	6.1	6.1	6.1	5.9	5.5	5.1	4.7	4.3	4.3	4.3



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-81.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-83.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.6
-85°	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5
-86.25°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4
-87.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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	0.2	0.1	0.1	0.1	0.1	0.1	0.0
86.25°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
85°	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
83.75°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
82.5°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
81.25°	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
80°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
78.75°	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.2
77.5°	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
76.25°	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.5	0.4	0.3	0.2
75°	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.2
73.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.4	0.3
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.4	0.3
71.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.4	0.3
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.3
68.75°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3
67.5°	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5	0.3
66.25°	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5	0.4
65°	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.4
63.75°	1.4	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.4
62.5°	1.5	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.6	0.4
61.25°	1.6	1.4	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.6	0.4
60°	1.7	1.5	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.7	0.4
58.75°	1.7	1.6	1.4	1.2	1.0	0.9	0.9	0.9	0.9	0.7	0.5
57.5°	1.7	1.6	1.4	1.2	1.0	0.9	0.9	0.9	0.9	0.7	0.5
56.25°	1.7	1.7	1.5	1.3	1.1	0.9	0.9	0.9	0.9	0.7	0.5
55°	1.7	1.7	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.8	0.5
53.75°	1.7	1.7	1.7	1.4	1.2	1.0	0.9	0.9	0.9	0.8	0.5
52.5°	1.7	1.7	1.7	1.5	1.2	1.0	0.9	0.9	0.9	0.8	0.5
51.25°	1.7	1.7	1.7	1.5	1.3	1.0	0.9	0.9	0.9	0.8	0.6
50°	1.7	1.7	1.7	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.6
48.75°	1.7	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.9	0.6
47.5°	1.8	1.7	1.7	1.7	1.5	1.2	0.9	0.9	0.9	0.9	0.6
46.25°	1.9	1.7	1.7	1.7	1.5	1.2	1.0	0.9	0.9	0.9	0.6
45°	2.1	1.7	1.7	1.7	1.6	1.3	1.0	0.9	0.9	0.9	0.6
43.75°	2.3	1.7	1.7	1.7	1.6	1.3	1.0	0.9	0.9	0.9	0.7
42.5°	2.4	1.8	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.7
41.25°	2.6	1.9	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.7
40°	2.7	2.1	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.7
38.75°	2.9	2.2	1.7	1.7	1.7	1.5	1.2	0.9	0.9	0.9	0.7
37.5°	3.0	2.3	1.7	1.7	1.7	1.5	1.2	0.9	0.9	0.9	0.7
36.25°	3.2	2.5	1.7	1.7	1.7	1.6	1.2	0.9	0.9	0.9	0.7
35°	3.3	2.6	1.9	1.7	1.7	1.6	1.3	0.9	0.9	0.9	0.7



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	3.4	2.7	2.0	1.7	1.7	1.6	1.3	1.0	0.9	0.9	0.7
32.5°	3.5	2.8	2.1	1.7	1.7	1.7	1.3	1.0	0.9	0.9	0.8
31.25°	3.6	2.9	2.2	1.7	1.7	1.7	1.4	1.0	0.9	0.9	0.8
30°	3.6	3.1	2.3	1.7	1.7	1.7	1.4	1.0	0.9	0.9	0.8
28.75°	3.7	3.2	2.4	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.8
27.5°	3.7	3.3	2.5	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.8
26.25°	3.8	3.4	2.6	1.8	1.7	1.7	1.5	1.1	0.9	0.9	0.8
25°	3.8	3.5	2.6	1.8	1.7	1.7	1.5	1.1	0.9	0.9	0.8
23.75°	3.9	3.5	2.7	1.9	1.7	1.7	1.5	1.1	0.9	0.9	0.8
22.5°	3.9	3.6	2.8	2.0	1.7	1.7	1.5	1.1	0.9	0.9	0.8
21.25°	4.0	3.6	2.9	2.0	1.7	1.7	1.5	1.2	0.9	0.9	0.8
20°	4.0	3.6	2.9	2.1	1.7	1.7	1.6	1.2	0.9	0.9	0.8
18.75°	4.0	3.7	3.0	2.2	1.7	1.7	1.6	1.2	0.9	0.9	0.9
17.5°	4.1	3.7	3.1	2.2	1.7	1.7	1.6	1.2	0.9	0.9	0.9
16.25°	4.1	3.7	3.1	2.3	1.7	1.7	1.6	1.2	0.9	0.9	0.9
15°	4.1	3.7	3.2	2.3	1.7	1.7	1.6	1.2	0.9	0.9	0.9
13.75°	4.2	3.8	3.2	2.4	1.7	1.7	1.6	1.2	0.9	0.9	0.9
12.5°	4.2	3.8	3.3	2.4	1.7	1.7	1.6	1.3	0.9	0.9	0.9
11.25°	4.2	3.8	3.3	2.4	1.7	1.7	1.7	1.3	0.9	0.9	0.9
10°	4.2	3.8	3.4	2.5	1.7	1.7	1.7	1.3	0.9	0.9	0.9
8.75°	4.2	3.8	3.4	2.5	1.7	1.7	1.7	1.3	0.9	0.9	0.9
7.5°	4.3	3.9	3.4	2.5	1.7	1.7	1.7	1.3	0.9	0.9	0.9
6.25°	4.3	3.9	3.4	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
5°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
3.75°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
2.5°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
1.25°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
0°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-1.25°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-2.5°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-3.75°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-5°	4.3	3.9	3.5	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-6.25°	4.3	3.9	3.4	2.6	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-7.5°	4.3	3.9	3.4	2.5	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-8.75°	4.2	3.8	3.4	2.5	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-10°	4.2	3.8	3.4	2.5	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-11.25°	4.2	3.8	3.3	2.4	1.7	1.7	1.7	1.3	0.9	0.9	0.9
-12.5°	4.2	3.8	3.3	2.4	1.7	1.7	1.6	1.3	0.9	0.9	0.9
-13.75°	4.2	3.8	3.2	2.4	1.7	1.7	1.6	1.2	0.9	0.9	0.9
-15°	4.1	3.7	3.2	2.3	1.7	1.7	1.6	1.2	0.9	0.9	0.9
-16.25°	4.1	3.7	3.1	2.3	1.7	1.7	1.6	1.2	0.9	0.9	0.9
-17.5°	4.1	3.7	3.1	2.2	1.7	1.7	1.6	1.2	0.9	0.9	0.9
-18.75°	4.0	3.7	3.0	2.2	1.7	1.7	1.6	1.2	0.9	0.9	0.9
-20°	4.0	3.6	2.9	2.1	1.7	1.7	1.6	1.2	0.9	0.9	0.8
-21.25°	4.0	3.6	2.9	2.0	1.7	1.7	1.5	1.2	0.9	0.9	0.8



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	3.9	3.6	2.8	2.0	1.7	1.7	1.5	1.1	0.9	0.9	0.8
-23.75°	3.9	3.5	2.7	1.9	1.7	1.7	1.5	1.1	0.9	0.9	0.8
-25°	3.8	3.5	2.6	1.8	1.7	1.7	1.5	1.1	0.9	0.9	0.8
-26.25°	3.8	3.4	2.6	1.8	1.7	1.7	1.5	1.1	0.9	0.9	0.8
-27.5°	3.7	3.3	2.5	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.8
-28.75°	3.7	3.2	2.4	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.8
-30°	3.6	3.1	2.3	1.7	1.7	1.7	1.4	1.0	0.9	0.9	0.8
-31.25°	3.6	2.9	2.2	1.7	1.7	1.7	1.4	1.0	0.9	0.9	0.8
-32.5°	3.5	2.8	2.1	1.7	1.7	1.7	1.3	1.0	0.9	0.9	0.8
-33.75°	3.4	2.7	2.0	1.7	1.7	1.6	1.3	1.0	0.9	0.9	0.7
-35°	3.3	2.6	1.9	1.7	1.7	1.6	1.3	0.9	0.9	0.9	0.7
-36.25°	3.2	2.5	1.7	1.7	1.7	1.6	1.2	0.9	0.9	0.9	0.7
-37.5°	3.0	2.3	1.7	1.7	1.7	1.5	1.2	0.9	0.9	0.9	0.7
-38.75°	2.9	2.2	1.7	1.7	1.7	1.5	1.2	0.9	0.9	0.9	0.7
-40°	2.7	2.1	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.7
-41.25°	2.6	1.9	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.7
-42.5°	2.4	1.8	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.7
-43.75°	2.3	1.7	1.7	1.7	1.6	1.3	1.0	0.9	0.9	0.9	0.7
-45°	2.1	1.7	1.7	1.7	1.6	1.3	1.0	0.9	0.9	0.9	0.6
-46.25°	1.9	1.7	1.7	1.7	1.5	1.2	1.0	0.9	0.9	0.9	0.6
-47.5°	1.8	1.7	1.7	1.7	1.5	1.2	0.9	0.9	0.9	0.9	0.6
-48.75°	1.7	1.7	1.7	1.7	1.4	1.1	0.9	0.9	0.9	0.9	0.6
-50°	1.7	1.7	1.7	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.6
-51.25°	1.7	1.7	1.7	1.5	1.3	1.0	0.9	0.9	0.9	0.8	0.6
-52.5°	1.7	1.7	1.7	1.5	1.2	1.0	0.9	0.9	0.9	0.8	0.5
-53.75°	1.7	1.7	1.7	1.4	1.2	1.0	0.9	0.9	0.9	0.8	0.5
-55°	1.7	1.7	1.6	1.4	1.1	0.9	0.9	0.9	0.9	0.8	0.5
-56.25°	1.7	1.7	1.5	1.3	1.1	0.9	0.9	0.9	0.9	0.7	0.5
-57.5°	1.7	1.6	1.4	1.2	1.0	0.9	0.9	0.9	0.9	0.7	0.5
-58.75°	1.7	1.6	1.4	1.2	1.0	0.9	0.9	0.9	0.9	0.7	0.5
-60°	1.7	1.5	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.7	0.4
-61.25°	1.6	1.4	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.6	0.4
-62.5°	1.5	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.6	0.4
-63.75°	1.4	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.4
-65°	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.4
-66.25°	1.2	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5	0.4
-67.5°	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5	0.3
-68.75°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3
-70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.3
-71.25°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.4	0.3
-72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.4	0.3
-73.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6	0.5	0.4	0.3
-75°	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-76.25°	0.9	0.9	0.9	0.9	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-77.5°	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.2
-80°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-81.25°	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-82.5°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-83.75°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-85°	0.5	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
-86.25°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-87.5°	0.2	0.2	0.2	0.2	0.2	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.2	0.0
68.75°	0.2	0.0
67.5°	0.2	0.0
66.25°	0.2	0.0
65°	0.2	0.0
63.75°	0.2	0.0
62.5°	0.2	0.0
61.25°	0.2	0.0
60°	0.2	0.0
58.75°	0.2	0.0
57.5°	0.2	0.0
56.25°	0.2	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.3	0.0
48.75°	0.3	0.0
47.5°	0.3	0.0
46.25°	0.3	0.0
45°	0.3	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°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.4	0.0



REPORT NUMBER: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.4	0.0
32.5°	0.4	0.0
31.25°	0.4	0.0
30°	0.4	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.4	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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°	0.4	0.0
-31.25°	0.4	0.0
-32.5°	0.4	0.0
-33.75°	0.4	0.0
-35°	0.4	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.3	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°	0.3	0.0
-53.75°	0.3	0.0
-55°	0.3	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°	0.2	0.0
-70°	0.2	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: P220379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3590-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)