

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: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220383 (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-LED3597-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, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

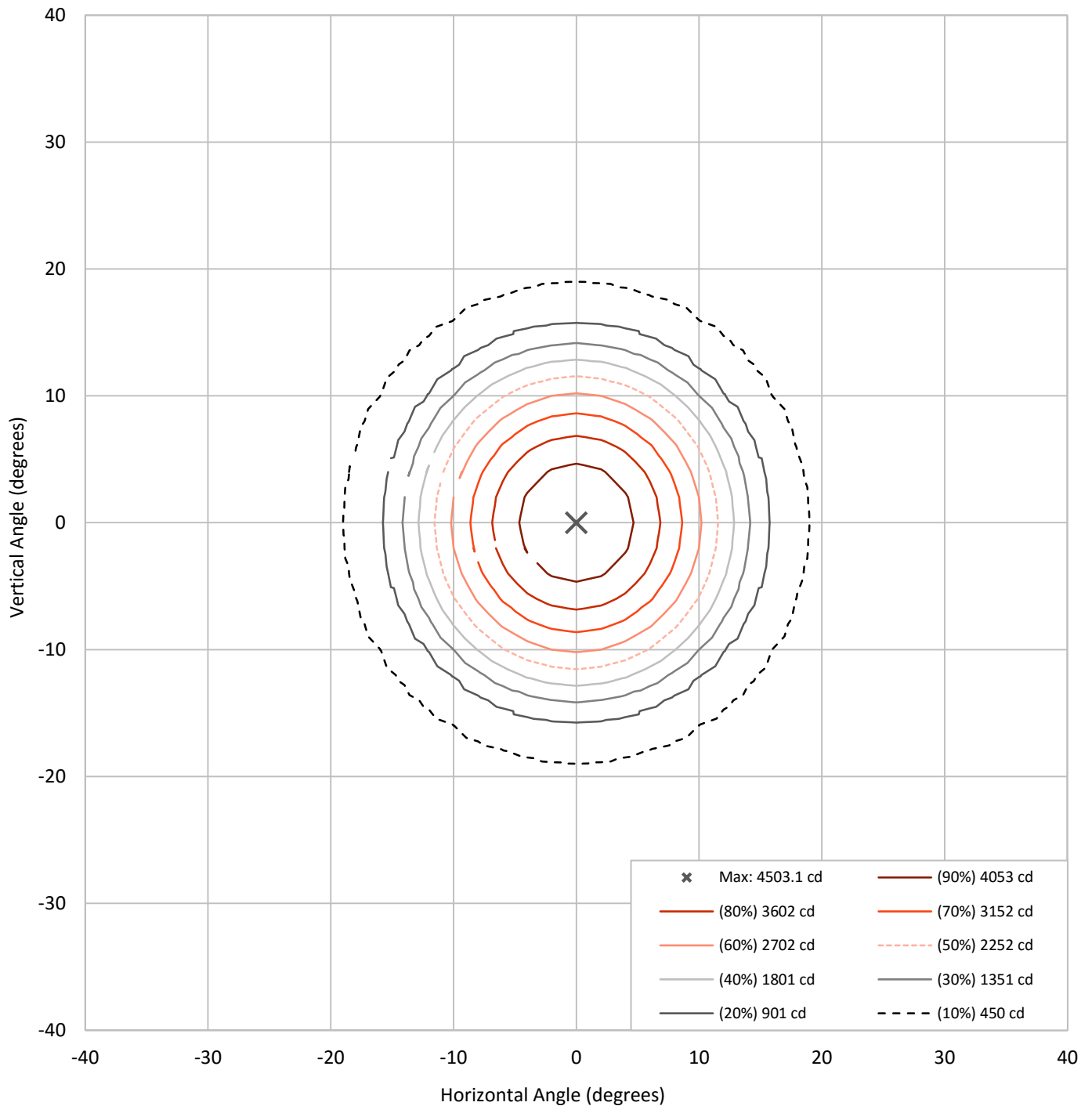
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	823.8 lumens	Max Intensity:	4503.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.4 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:	420.1 lumens	Field Lumens:	646 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-LED3597-M-WT-L1-UNV

Iso-Candela Plot





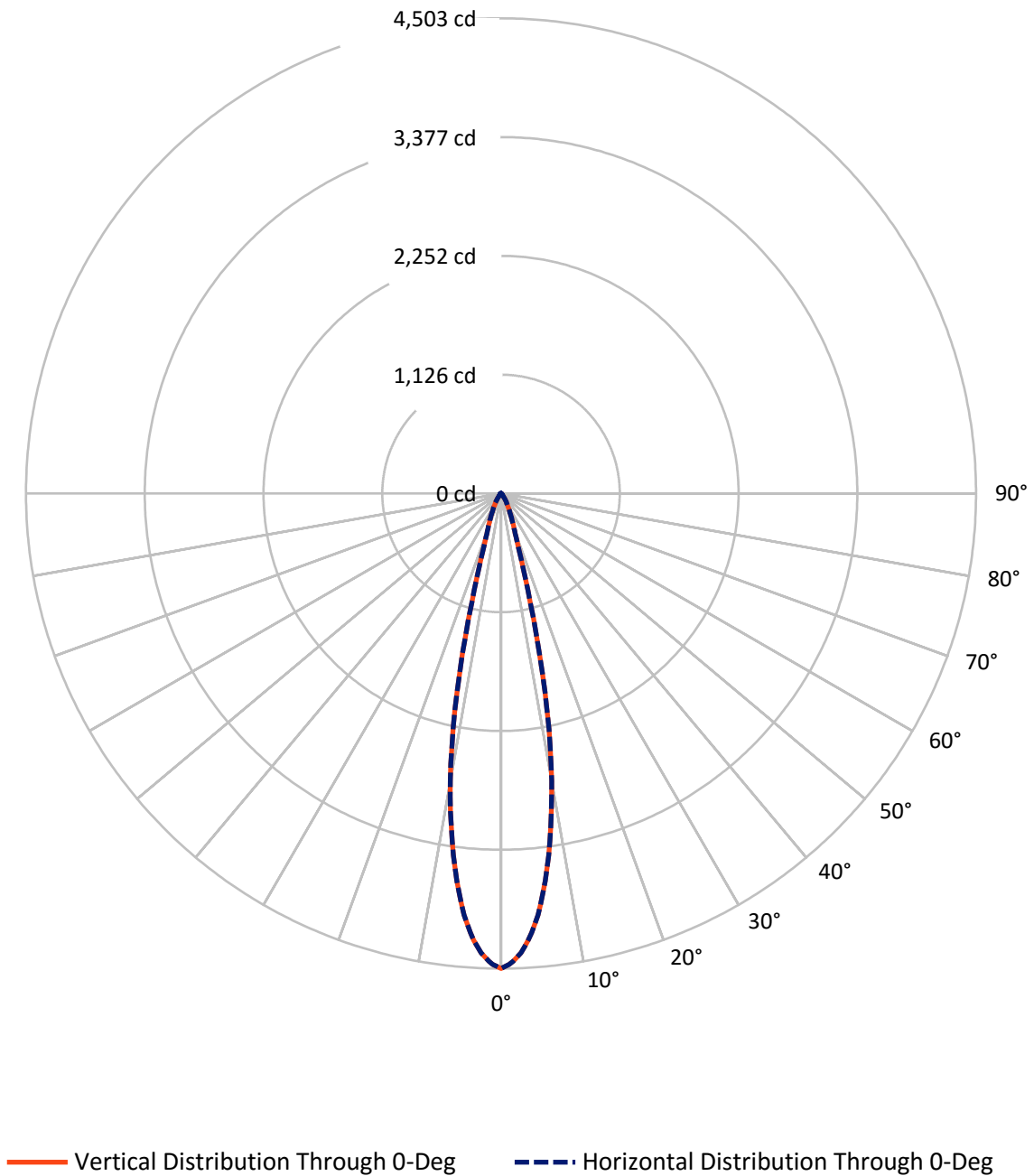
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Lumen Table

90	0.0	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
60		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
50	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.0			
40		0.1	0.1	0.1	0.3	0.5	1.1	1.7	1.7	1.1	0.5	0.3	0.1	0.1	0.1				
30	0.1	0.1	0.1	0.2	0.5	1.7	3.9	6.1	6.1	3.9	1.7	0.5	0.2	0.1	0.1	0.1			
20		0.1	0.1	0.2	0.9	3.7	10.8	31.2	31.2	10.8	3.7	0.9	0.2	0.1	0.1				
10	0.1	0.1	0.1	0.3	1.4	5.6	30.4	100.6	100.6	30.4	5.6	1.4	0.3	0.1	0.1	0.1			
0		0.1	0.1	0.3	1.4	5.6	30.4	100.6	100.6	30.4	5.6	1.4	0.3	0.1	0.1				
-10	0.1	0.1	0.1	0.2	0.9	3.7	10.8	31.2	31.2	10.8	3.7	0.9	0.2	0.1	0.1	0.1			
-20		0.1	0.1	0.2	0.5	1.7	3.9	6.1	6.1	3.9	1.7	0.5	0.2	0.1	0.1				
-30	0.0	0.1	0.1	0.1	0.3	0.5	1.1	1.7	1.7	1.1	0.5	0.3	0.1	0.1	0.1	0.0			
-40		0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1				
-50	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
-60		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0				
-70	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
-80		0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0				
-90	0.0	0.1	0.2	0.2	0.3	0.2	0.2	0.1	0.0										

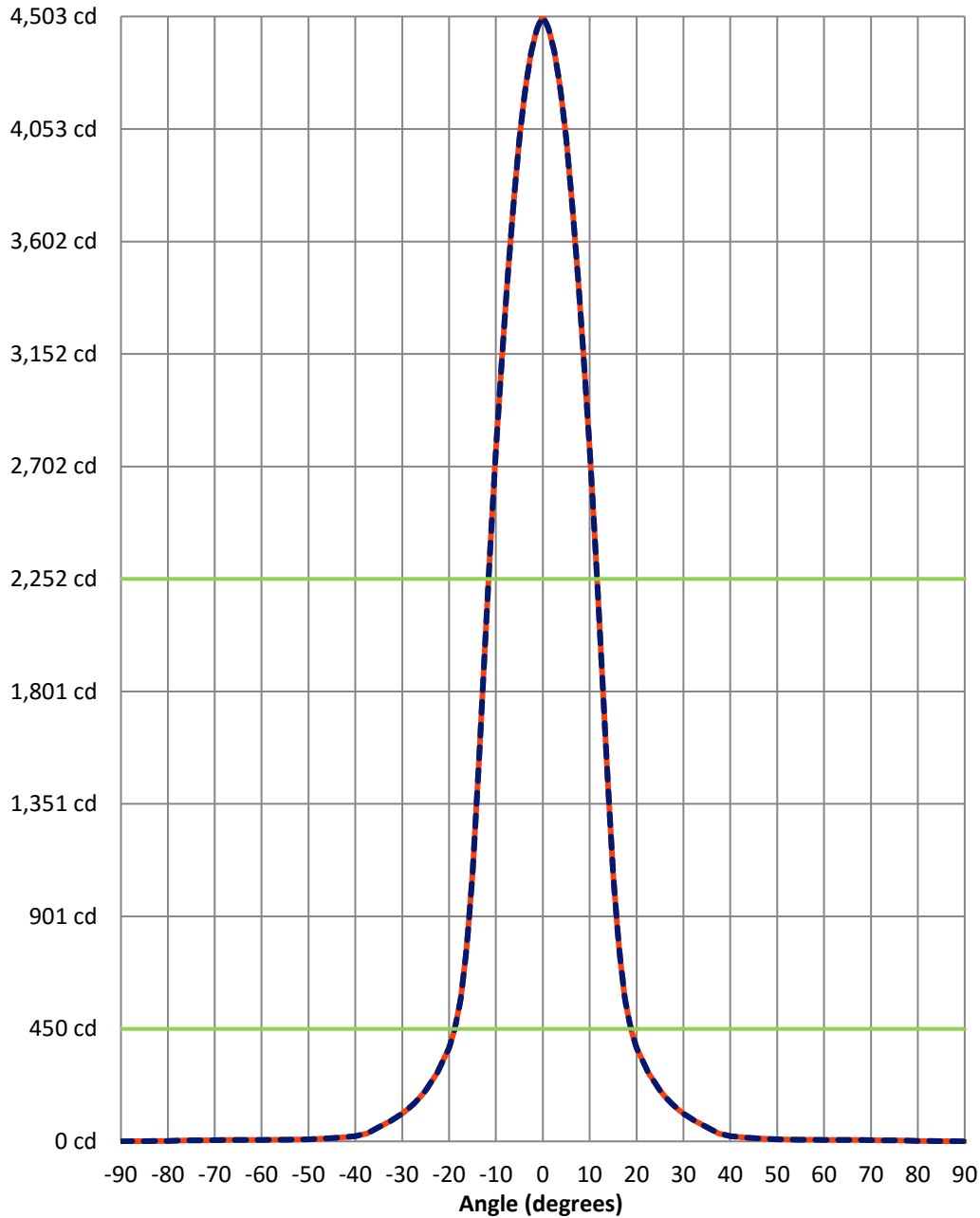
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 420.1
 Efficiency: 51.0%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 646
 Efficiency: 78.4%

Spill:
 Lumens: 177.8
 Efficiency: 21.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.5	1.6	1.6	1.8
32.5°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.6	1.6	1.6	2.0
31.25°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.6	1.6	1.6	2.1
30°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.6	1.6	1.6	2.1
28.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.6	1.6	1.6	2.2
27.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.6	1.6	1.6	2.3
26.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.7	2.4
25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.7	2.5
23.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.8	2.6
22.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.9	2.6
21.25°	0.0	0.4	0.7	0.8	0.8	1.1	1.4	1.6	1.6	1.9	2.7
20°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.0	2.8
18.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.0	2.8
17.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.1	2.9
16.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.1	3.0
15°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.2	3.0
13.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.2	3.1
12.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.5	1.6	1.6	2.3	3.1
11.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.3	3.1
10°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.3	3.2
8.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.2
7.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.2
6.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.2
5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
3.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
2.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
1.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
0°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
-1.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
-2.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
-3.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
-5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.3
-6.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.2
-7.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.2
-8.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.4	3.2
-10°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.3	3.2
-11.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.6	1.6	2.3	3.1
-12.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.5	1.6	1.6	2.3	3.1
-13.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.2	3.1
-15°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.2	3.0
-16.25°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.1	3.0
-17.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.1	2.9
-18.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.0	2.8
-20°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.6	1.6	2.0	2.8
-21.25°	0.0	0.4	0.7	0.8	0.8	1.1	1.4	1.6	1.6	1.9	2.7



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.9	2.6
-23.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.8	2.6
-25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.7	2.5
-26.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.6	1.6	1.7	2.4
-27.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.6	1.6	1.6	2.3
-28.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.6	1.6	1.6	2.2
-30°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.6	1.6	1.6	2.1
-31.25°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.6	1.6	1.6	2.1
-32.5°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.6	1.6	1.6	2.0
-33.75°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.5	1.6	1.6	1.8
-35°	0.0	0.3	0.7	0.8	0.8	0.8	1.2	1.5	1.6	1.6	1.7
-36.25°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.6	1.6	1.6
-37.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.4	1.6	1.6	1.6
-38.75°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.4	1.6	1.6	1.6
-40°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.3	1.6	1.6	1.6
-41.25°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.3	1.6	1.6	1.6
-42.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.3	1.6	1.6	1.6
-43.75°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.2	1.5	1.6	1.6
-45°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.2	1.5	1.6	1.6
-46.25°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.1	1.4	1.6	1.6
-47.5°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.1	1.4	1.6	1.6
-48.75°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.0	1.3	1.6	1.6
-50°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.0	1.3	1.5	1.6
-51.25°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	0.9	1.2	1.4	1.6
-52.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.4	1.6
-53.75°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.3	1.6
-55°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	1.0	1.3	1.5
-56.25°	0.0	0.2	0.4	0.7	0.8	0.8	0.8	0.8	1.0	1.2	1.4
-57.5°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.9	1.1	1.3
-58.75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.9	1.1	1.3
-60°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	1.0	1.2
-61.25°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	0.9	1.1
-62.5°	0.0	0.2	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.9	1.0
-63.75°	0.0	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.8	1.0
-65°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.9
-66.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.8
-67.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.8
-68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
-70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.8	0.8	0.8	0.8
-71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.8	0.8	0.8	0.8
-72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.8	0.8
-73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8
-75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
-76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	2.6	3.3	3.6	3.9	4.1	4.1	4.1	4.4	4.8	5.1	5.4
32.5°	2.7	3.3	3.7	4.0	4.1	4.1	4.2	4.5	4.9	5.2	5.5
31.25°	2.8	3.4	3.7	4.1	4.1	4.1	4.3	4.6	4.9	5.3	5.6
30°	2.9	3.4	3.8	4.1	4.1	4.1	4.4	4.7	5.0	5.4	5.7
28.75°	3.0	3.5	3.8	4.1	4.1	4.1	4.4	4.8	5.1	5.5	5.7
27.5°	3.1	3.5	3.9	4.1	4.1	4.2	4.5	4.8	5.2	5.5	5.7
26.25°	3.2	3.6	4.0	4.1	4.1	4.2	4.6	4.9	5.3	5.6	5.7
25°	3.3	3.6	4.0	4.1	4.1	4.3	4.6	5.0	5.4	5.7	5.7
23.75°	3.3	3.7	4.0	4.1	4.1	4.3	4.7	5.1	5.4	5.7	5.7
22.5°	3.4	3.7	4.1	4.1	4.1	4.4	4.8	5.1	5.5	5.7	5.7
21.25°	3.4	3.8	4.1	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7
20°	3.4	3.8	4.1	4.1	4.1	4.5	4.9	5.2	5.6	5.7	5.7
18.75°	3.5	3.8	4.1	4.1	4.2	4.5	4.9	5.3	5.7	5.7	5.7
17.5°	3.5	3.9	4.1	4.1	4.2	4.6	5.0	5.3	5.7	5.7	5.7
16.25°	3.5	3.9	4.1	4.1	4.3	4.6	5.0	5.4	5.7	5.7	5.7
15°	3.5	3.9	4.1	4.1	4.3	4.7	5.1	5.4	5.7	5.7	5.7
13.75°	3.6	4.0	4.1	4.1	4.3	4.7	5.1	5.5	5.7	5.7	5.7
12.5°	3.6	4.0	4.1	4.1	4.4	4.7	5.1	5.5	5.7	5.7	5.7
11.25°	3.6	4.0	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
10°	3.6	4.0	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
8.75°	3.6	4.0	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
7.5°	3.7	4.1	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
6.25°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
5°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
3.75°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
2.5°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
1.25°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
0°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
-1.25°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
-2.5°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
-3.75°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
-5°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
-6.25°	3.7	4.1	4.1	4.1	4.5	4.9	5.3	5.7	5.7	5.7	5.7
-7.5°	3.7	4.1	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
-8.75°	3.6	4.0	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
-10°	3.6	4.0	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
-11.25°	3.6	4.0	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7	5.7
-12.5°	3.6	4.0	4.1	4.1	4.4	4.7	5.1	5.5	5.7	5.7	5.7
-13.75°	3.6	4.0	4.1	4.1	4.3	4.7	5.1	5.5	5.7	5.7	5.7
-15°	3.5	3.9	4.1	4.1	4.3	4.7	5.1	5.4	5.7	5.7	5.7
-16.25°	3.5	3.9	4.1	4.1	4.3	4.6	5.0	5.4	5.7	5.7	5.7
-17.5°	3.5	3.9	4.1	4.1	4.2	4.6	5.0	5.3	5.7	5.7	5.7
-18.75°	3.5	3.8	4.1	4.1	4.2	4.5	4.9	5.3	5.7	5.7	5.7
-20°	3.4	3.8	4.1	4.1	4.1	4.5	4.9	5.2	5.6	5.7	5.7
-21.25°	3.4	3.8	4.1	4.1	4.1	4.4	4.8	5.2	5.6	5.7	5.7



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	3.4	3.7	4.1	4.1	4.1	4.4	4.8	5.1	5.5	5.7	5.7
-23.75°	3.3	3.7	4.0	4.1	4.1	4.3	4.7	5.1	5.4	5.7	5.7
-25°	3.3	3.6	4.0	4.1	4.1	4.3	4.6	5.0	5.4	5.7	5.7
-26.25°	3.2	3.6	4.0	4.1	4.1	4.2	4.6	4.9	5.3	5.6	5.7
-27.5°	3.1	3.5	3.9	4.1	4.1	4.2	4.5	4.8	5.2	5.5	5.7
-28.75°	3.0	3.5	3.8	4.1	4.1	4.1	4.4	4.8	5.1	5.5	5.7
-30°	2.9	3.4	3.8	4.1	4.1	4.1	4.4	4.7	5.0	5.4	5.7
-31.25°	2.8	3.4	3.7	4.1	4.1	4.1	4.3	4.6	4.9	5.3	5.6
-32.5°	2.7	3.3	3.7	4.0	4.1	4.1	4.2	4.5	4.9	5.2	5.5
-33.75°	2.6	3.3	3.6	3.9	4.1	4.1	4.1	4.4	4.8	5.1	5.4
-35°	2.4	3.1	3.5	3.9	4.1	4.1	4.1	4.3	4.7	5.0	5.3
-36.25°	2.3	3.0	3.5	3.8	4.1	4.1	4.1	4.3	4.6	4.9	5.2
-37.5°	2.2	2.9	3.4	3.7	4.0	4.1	4.1	4.2	4.5	4.8	5.1
-38.75°	2.1	2.7	3.3	3.6	3.9	4.1	4.1	4.1	4.4	4.7	5.0
-40°	1.9	2.6	3.2	3.6	3.9	4.1	4.1	4.1	4.3	4.5	4.8
-41.25°	1.8	2.4	3.1	3.5	3.8	4.1	4.1	4.1	4.1	4.4	4.7
-42.5°	1.7	2.3	2.9	3.4	3.7	4.0	4.1	4.1	4.1	4.3	4.6
-43.75°	1.6	2.1	2.7	3.3	3.6	3.9	4.1	4.1	4.1	4.2	4.5
-45°	1.6	2.0	2.6	3.1	3.5	3.8	4.1	4.1	4.1	4.1	4.3
-46.25°	1.6	1.8	2.4	3.0	3.4	3.7	3.9	4.1	4.1	4.1	4.2
-47.5°	1.6	1.6	2.2	2.8	3.3	3.6	3.8	4.1	4.1	4.1	4.1
-48.75°	1.6	1.6	2.0	2.6	3.1	3.5	3.7	4.0	4.1	4.1	4.1
-50°	1.6	1.6	1.8	2.4	2.9	3.4	3.6	3.9	4.1	4.1	4.1
-51.25°	1.6	1.6	1.7	2.2	2.7	3.2	3.5	3.7	4.0	4.1	4.1
-52.5°	1.6	1.6	1.6	2.0	2.5	3.0	3.4	3.6	3.8	4.1	4.1
-53.75°	1.6	1.6	1.6	1.8	2.3	2.7	3.2	3.5	3.7	3.9	4.1
-55°	1.6	1.6	1.6	1.6	2.0	2.5	3.0	3.4	3.6	3.8	4.0
-56.25°	1.6	1.6	1.6	1.6	1.8	2.2	2.7	3.1	3.4	3.6	3.9
-57.5°	1.5	1.6	1.6	1.6	1.6	2.0	2.4	2.9	3.3	3.5	3.7
-58.75°	1.5	1.6	1.6	1.6	1.6	1.7	2.2	2.6	3.0	3.4	3.5
-60°	1.4	1.6	1.6	1.6	1.6	1.6	1.9	2.3	2.7	3.1	3.4
-61.25°	1.3	1.5	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.8	3.2
-62.5°	1.2	1.4	1.6	1.6	1.6	1.6	1.6	1.7	2.1	2.5	2.8
-63.75°	1.1	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.8	2.1	2.5
-65°	1.0	1.2	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.8	2.1
-66.25°	1.0	1.1	1.3	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.8
-67.5°	0.9	1.0	1.2	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.6
-68.75°	0.8	0.9	1.1	1.2	1.3	1.5	1.6	1.6	1.6	1.6	1.6
-70°	0.8	0.8	1.0	1.1	1.2	1.3	1.5	1.6	1.6	1.6	1.6
-71.25°	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.6	1.6
-72.5°	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
-73.75°	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
-75°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.3
-76.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.1
-77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0



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CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-81.25°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8
-85°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-86.25°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-87.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0
80°	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3
78.75°	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
77.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.6
76.25°	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
73.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	2.0	2.2	2.4
71.25°	1.6	1.6	1.6	1.6	1.6	1.8	2.0	2.3	2.5	2.7	2.9
70°	1.6	1.6	1.6	1.7	2.0	2.2	2.5	2.7	3.0	3.2	3.4
68.75°	1.6	1.6	1.9	2.2	2.4	2.7	3.0	3.2	3.4	3.5	3.6
67.5°	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.5	3.6	3.7	3.9
66.25°	2.1	2.4	2.7	3.0	3.3	3.4	3.6	3.7	3.8	4.0	4.1
65°	2.5	2.8	3.1	3.4	3.5	3.6	3.8	3.9	4.1	4.1	4.1
63.75°	2.8	3.2	3.4	3.5	3.7	3.9	4.0	4.1	4.1	4.1	4.1
62.5°	3.2	3.4	3.6	3.7	3.9	4.1	4.1	4.1	4.1	4.1	4.1
61.25°	3.4	3.6	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.3
60°	3.6	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.3	4.5
58.75°	3.7	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.4	4.6	4.7
57.5°	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.4	4.6	4.8	5.0
56.25°	4.1	4.1	4.1	4.1	4.1	4.3	4.4	4.6	4.8	5.0	5.2
55°	4.1	4.1	4.1	4.1	4.2	4.4	4.6	4.8	5.0	5.2	5.4
53.75°	4.1	4.1	4.1	4.2	4.4	4.6	4.8	5.0	5.3	5.5	5.6
52.5°	4.1	4.1	4.2	4.4	4.6	4.8	5.0	5.3	5.5	5.7	5.7
51.25°	4.1	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.7	5.7
50°	4.1	4.3	4.5	4.7	5.0	5.2	5.4	5.6	5.7	5.7	5.7
48.75°	4.2	4.4	4.7	4.9	5.1	5.4	5.6	5.7	5.7	5.7	5.7
47.5°	4.3	4.6	4.8	5.1	5.3	5.6	5.7	5.7	5.7	5.7	5.7
46.25°	4.5	4.7	5.0	5.2	5.5	5.7	5.7	5.7	5.7	5.7	5.7
45°	4.6	4.9	5.1	5.4	5.6	5.7	5.7	5.7	5.7	5.7	5.7
43.75°	4.7	5.0	5.3	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7
42.5°	4.9	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
41.25°	5.0	5.3	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
40°	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
38.75°	5.3	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
37.5°	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.9
36.25°	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1
35°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.4
32.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5
31.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.5	6.5
30°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5
28.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.4	6.5	6.5
27.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.2	6.5	6.5	6.5
26.25°	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5	6.6
25°	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.5	6.5	6.5	6.7
23.75°	5.7	5.7	5.7	5.7	5.7	5.9	6.2	6.5	6.5	6.5	6.8
22.5°	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5	6.6	7.0
21.25°	5.7	5.7	5.7	5.7	5.7	6.1	6.4	6.5	6.5	6.7	7.1
20°	5.7	5.7	5.7	5.7	5.8	6.2	6.5	6.5	6.5	6.8	7.2
18.75°	5.7	5.7	5.7	5.7	5.9	6.3	6.5	6.5	6.6	6.9	7.3
17.5°	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5	6.7	7.0	7.4
16.25°	5.7	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.7	7.1	7.5
15°	5.7	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.8	7.2	7.6
13.75°	5.7	5.7	5.7	5.8	6.2	6.5	6.5	6.5	6.9	7.3	7.7
12.5°	5.7	5.7	5.7	5.8	6.2	6.5	6.5	6.6	7.0	7.4	7.7
11.25°	5.7	5.7	5.7	5.9	6.3	6.5	6.5	6.6	7.0	7.4	7.8
10°	5.7	5.7	5.7	5.9	6.3	6.5	6.5	6.7	7.1	7.5	7.9
8.75°	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.7	7.1	7.5	7.9
7.5°	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0
6.25°	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0
5°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.8	7.2	7.6	8.0
3.75°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
2.5°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
1.25°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
0°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
-1.25°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
-2.5°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
-3.75°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1
-5°	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.8	7.2	7.6	8.0
-6.25°	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0
-7.5°	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0
-8.75°	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.7	7.1	7.5	7.9
-10°	5.7	5.7	5.7	5.9	6.3	6.5	6.5	6.7	7.1	7.5	7.9
-11.25°	5.7	5.7	5.7	5.9	6.3	6.5	6.5	6.6	7.0	7.4	7.8
-12.5°	5.7	5.7	5.7	5.8	6.2	6.5	6.5	6.6	7.0	7.4	7.7
-13.75°	5.7	5.7	5.7	5.8	6.2	6.5	6.5	6.5	6.9	7.3	7.7
-15°	5.7	5.7	5.7	5.7	6.1	6.5	6.5	6.5	6.8	7.2	7.6
-16.25°	5.7	5.7	5.7	5.7	6.0	6.4	6.5	6.5	6.7	7.1	7.5
-17.5°	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5	6.7	7.0	7.4
-18.75°	5.7	5.7	5.7	5.7	5.9	6.3	6.5	6.5	6.6	6.9	7.3
-20°	5.7	5.7	5.7	5.7	5.8	6.2	6.5	6.5	6.5	6.8	7.2
-21.25°	5.7	5.7	5.7	5.7	5.7	6.1	6.4	6.5	6.5	6.7	7.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5	6.6	7.0
-23.75°	5.7	5.7	5.7	5.7	5.7	5.9	6.2	6.5	6.5	6.5	6.8
-25°	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.5	6.5	6.5	6.7
-26.25°	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5	6.6
-27.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.2	6.5	6.5	6.5
-28.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.4	6.5	6.5
-30°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5	6.5
-31.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.5	6.5
-32.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3	6.5
-33.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1	6.4
-35°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.3
-36.25°	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.1
-37.5°	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.9
-38.75°	5.3	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-40°	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-41.25°	5.0	5.3	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-42.5°	4.9	5.1	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-43.75°	4.7	5.0	5.3	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-45°	4.6	4.9	5.1	5.4	5.6	5.7	5.7	5.7	5.7	5.7	5.7
-46.25°	4.5	4.7	5.0	5.2	5.5	5.7	5.7	5.7	5.7	5.7	5.7
-47.5°	4.3	4.6	4.8	5.1	5.3	5.6	5.7	5.7	5.7	5.7	5.7
-48.75°	4.2	4.4	4.7	4.9	5.1	5.4	5.6	5.7	5.7	5.7	5.7
-50°	4.1	4.3	4.5	4.7	5.0	5.2	5.4	5.6	5.7	5.7	5.7
-51.25°	4.1	4.1	4.3	4.6	4.8	5.0	5.2	5.5	5.7	5.7	5.7
-52.5°	4.1	4.1	4.2	4.4	4.6	4.8	5.0	5.3	5.5	5.7	5.7
-53.75°	4.1	4.1	4.1	4.2	4.4	4.6	4.8	5.0	5.3	5.5	5.6
-55°	4.1	4.1	4.1	4.1	4.2	4.4	4.6	4.8	5.0	5.2	5.4
-56.25°	4.1	4.1	4.1	4.1	4.1	4.3	4.4	4.6	4.8	5.0	5.2
-57.5°	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.4	4.6	4.8	5.0
-58.75°	3.7	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.4	4.6	4.7
-60°	3.6	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.2	4.3	4.5
-61.25°	3.4	3.6	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.3
-62.5°	3.2	3.4	3.6	3.7	3.9	4.1	4.1	4.1	4.1	4.1	4.1
-63.75°	2.8	3.2	3.4	3.5	3.7	3.9	4.0	4.1	4.1	4.1	4.1
-65°	2.5	2.8	3.1	3.4	3.5	3.6	3.8	3.9	4.1	4.1	4.1
-66.25°	2.1	2.4	2.7	3.0	3.3	3.4	3.6	3.7	3.8	4.0	4.1
-67.5°	1.7	2.0	2.3	2.6	2.9	3.1	3.4	3.5	3.6	3.7	3.9
-68.75°	1.6	1.6	1.9	2.2	2.4	2.7	3.0	3.2	3.4	3.5	3.6
-70°	1.6	1.6	1.6	1.7	2.0	2.2	2.5	2.7	3.0	3.2	3.4
-71.25°	1.6	1.6	1.6	1.6	1.6	1.8	2.0	2.3	2.5	2.7	2.9
-72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	2.0	2.2	2.4
-73.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8
-75°	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-76.25°	1.2	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
-77.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.6



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.4	1.5
-80°	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3
-81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
81.25°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5
80°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
78.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
76.25°	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.9	2.1	2.2	2.3
75°	1.6	1.6	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0
73.75°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.4	3.5
72.5°	2.6	2.8	3.0	3.1	3.3	3.4	3.5	3.6	3.6	3.7	3.8
71.25°	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1
70°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.1	4.1	4.1
68.75°	3.7	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
67.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.3
66.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.4	4.5	4.6
65°	4.1	4.1	4.1	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9
63.75°	4.1	4.1	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.1	5.2
62.5°	4.2	4.3	4.5	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.5
61.25°	4.4	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.6	5.7	5.7
60°	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.7	5.7	5.7
58.75°	4.9	5.1	5.2	5.4	5.5	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	5.1	5.3	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7
56.25°	5.4	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
55°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
53.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
52.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
51.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8
50°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.1
48.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.0	6.2	6.4
47.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.1	6.3	6.5	6.5
46.25°	5.7	5.7	5.7	5.7	5.7	5.9	6.1	6.3	6.5	6.5	6.5
45°	5.7	5.7	5.7	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5
43.75°	5.7	5.7	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5	6.7
42.5°	5.7	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5	6.8	7.0
41.25°	5.7	5.9	6.1	6.4	6.5	6.5	6.5	6.6	6.8	7.0	7.2
40°	5.8	6.1	6.3	6.5	6.5	6.5	6.6	6.8	7.0	7.3	7.5
38.75°	6.0	6.3	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.5	7.8
37.5°	6.2	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.5	7.8	8.0
36.25°	6.4	6.5	6.5	6.5	6.7	7.0	7.2	7.5	7.8	8.0	8.7
35°	6.5	6.5	6.5	6.6	6.9	7.2	7.5	7.7	8.0	8.6	9.4



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	6.5	6.5	6.5	6.8	7.1	7.4	7.7	8.0	8.5	9.4	10.2
32.5°	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.3	9.2	10.1	10.9
31.25°	6.5	6.6	6.9	7.2	7.5	7.8	8.1	9.0	9.9	10.8	11.6
30°	6.5	6.8	7.1	7.4	7.7	8.0	8.7	9.7	10.6	11.5	12.3
28.75°	6.6	6.9	7.2	7.6	7.9	8.4	9.3	10.3	11.2	12.1	13.0
27.5°	6.8	7.1	7.4	7.7	8.1	8.9	9.9	10.9	11.8	12.7	13.9
26.25°	6.9	7.2	7.6	7.9	8.5	9.5	10.5	11.5	12.4	13.5	14.8
25°	7.0	7.4	7.7	8.1	9.0	10.0	11.0	12.0	13.0	14.3	15.6
23.75°	7.2	7.5	7.9	8.4	9.5	10.5	11.5	12.5	13.7	15.1	16.4
22.5°	7.3	7.7	8.0	8.9	10.0	11.0	12.0	13.1	14.4	15.8	17.6
21.25°	7.4	7.8	8.2	9.3	10.4	11.5	12.5	13.7	15.1	16.6	18.7
20°	7.6	7.9	8.6	9.7	10.8	11.9	13.0	14.4	15.8	17.6	19.7
18.75°	7.7	8.0	9.0	10.1	11.2	12.3	13.5	15.0	16.5	18.6	20.7
17.5°	7.8	8.2	9.4	10.5	11.6	12.7	14.1	15.6	17.4	19.5	22.3
16.25°	7.9	8.5	9.7	10.8	12.0	13.1	14.6	16.1	18.2	20.4	24.2
15°	8.0	8.8	10.0	11.2	12.3	13.5	15.1	16.7	18.9	21.2	26.0
13.75°	8.0	9.1	10.3	11.4	12.6	14.0	15.5	17.4	19.7	22.8	27.7
12.5°	8.2	9.4	10.6	11.7	12.9	14.4	15.9	18.0	20.3	24.3	29.3
11.25°	8.4	9.6	10.8	12.0	13.1	14.7	16.3	18.6	20.9	25.7	30.7
10°	8.6	9.8	11.0	12.2	13.5	15.1	16.8	19.1	21.9	27.0	32.5
8.75°	8.8	10.0	11.2	12.4	13.7	15.3	17.3	19.6	22.9	28.1	35.2
7.5°	8.9	10.2	11.4	12.5	14.0	15.6	17.6	20.0	23.8	29.0	37.6
6.25°	9.1	10.3	11.5	12.7	14.2	15.8	18.0	20.3	24.6	29.8	39.6
5°	9.2	10.4	11.6	12.8	14.3	16.0	18.2	20.6	25.3	30.5	41.3
3.75°	9.2	10.5	11.7	12.9	14.5	16.1	18.4	20.8	25.8	31.0	42.6
2.5°	9.3	10.6	11.7	12.9	14.6	16.2	18.6	21.0	26.1	31.4	43.6
1.25°	9.3	10.6	11.8	13.0	14.6	16.3	18.7	21.1	26.3	31.6	44.1
0°	9.4	10.6	11.8	13.0	14.7	16.3	18.7	21.1	26.4	31.7	44.3
-1.25°	9.3	10.6	11.8	13.0	14.6	16.3	18.7	21.1	26.3	31.6	44.1
-2.5°	9.3	10.6	11.7	12.9	14.6	16.2	18.6	21.0	26.1	31.4	43.6
-3.75°	9.2	10.5	11.7	12.9	14.5	16.1	18.4	20.8	25.8	31.0	42.6
-5°	9.2	10.4	11.6	12.8	14.3	16.0	18.2	20.6	25.3	30.5	41.3
-6.25°	9.1	10.3	11.5	12.7	14.2	15.8	18.0	20.3	24.6	29.8	39.6
-7.5°	8.9	10.2	11.4	12.5	14.0	15.6	17.6	20.0	23.8	29.0	37.6
-8.75°	8.8	10.0	11.2	12.4	13.7	15.3	17.3	19.6	22.9	28.1	35.2
-10°	8.6	9.8	11.0	12.2	13.5	15.1	16.8	19.1	21.9	27.0	32.5
-11.25°	8.4	9.6	10.8	12.0	13.1	14.7	16.3	18.6	20.9	25.7	30.7
-12.5°	8.2	9.4	10.6	11.7	12.9	14.4	15.9	18.0	20.3	24.3	29.3
-13.75°	8.0	9.1	10.3	11.4	12.6	14.0	15.5	17.4	19.7	22.8	27.7
-15°	8.0	8.8	10.0	11.2	12.3	13.5	15.1	16.7	18.9	21.2	26.0
-16.25°	7.9	8.5	9.7	10.8	12.0	13.1	14.6	16.1	18.2	20.4	24.2
-17.5°	7.8	8.2	9.4	10.5	11.6	12.7	14.1	15.6	17.4	19.5	22.3
-18.75°	7.7	8.0	9.0	10.1	11.2	12.3	13.5	15.0	16.5	18.6	20.7
-20°	7.6	7.9	8.6	9.7	10.8	11.9	13.0	14.4	15.8	17.6	19.7
-21.25°	7.4	7.8	8.2	9.3	10.4	11.5	12.5	13.7	15.1	16.6	18.7



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	7.3	7.7	8.0	8.9	10.0	11.0	12.0	13.1	14.4	15.8	17.6
-23.75°	7.2	7.5	7.9	8.4	9.5	10.5	11.5	12.5	13.7	15.1	16.4
-25°	7.0	7.4	7.7	8.1	9.0	10.0	11.0	12.0	13.0	14.3	15.6
-26.25°	6.9	7.2	7.6	7.9	8.5	9.5	10.5	11.5	12.4	13.5	14.8
-27.5°	6.8	7.1	7.4	7.7	8.1	8.9	9.9	10.9	11.8	12.7	13.9
-28.75°	6.6	6.9	7.2	7.6	7.9	8.4	9.3	10.3	11.2	12.1	13.0
-30°	6.5	6.8	7.1	7.4	7.7	8.0	8.7	9.7	10.6	11.5	12.3
-31.25°	6.5	6.6	6.9	7.2	7.5	7.8	8.1	9.0	9.9	10.8	11.6
-32.5°	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.3	9.2	10.1	10.9
-33.75°	6.5	6.5	6.5	6.8	7.1	7.4	7.7	8.0	8.5	9.4	10.2
-35°	6.5	6.5	6.5	6.6	6.9	7.2	7.5	7.7	8.0	8.6	9.4
-36.25°	6.4	6.5	6.5	6.5	6.7	7.0	7.2	7.5	7.8	8.0	8.7
-37.5°	6.2	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.5	7.8	8.0
-38.75°	6.0	6.3	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.5	7.8
-40°	5.8	6.1	6.3	6.5	6.5	6.5	6.6	6.8	7.0	7.3	7.5
-41.25°	5.7	5.9	6.1	6.4	6.5	6.5	6.5	6.6	6.8	7.0	7.2
-42.5°	5.7	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5	6.8	7.0
-43.75°	5.7	5.7	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5	6.7
-45°	5.7	5.7	5.7	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5
-46.25°	5.7	5.7	5.7	5.7	5.7	5.9	6.1	6.3	6.5	6.5	6.5
-47.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.1	6.3	6.5	6.5
-48.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	6.0	6.2	6.4
-50°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.9	6.1
-51.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8
-52.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-53.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-55°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-56.25°	5.4	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-57.5°	5.1	5.3	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-58.75°	4.9	5.1	5.2	5.4	5.5	5.7	5.7	5.7	5.7	5.7	5.7
-60°	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.7	5.7	5.7
-61.25°	4.4	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.6	5.7	5.7
-62.5°	4.2	4.3	4.5	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.5
-63.75°	4.1	4.1	4.2	4.3	4.5	4.6	4.7	4.8	5.0	5.1	5.2
-65°	4.1	4.1	4.1	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9
-66.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.4	4.5	4.6
-67.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.3
-68.75°	3.7	3.8	3.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-70°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.1	4.1	4.1
-71.25°	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1
-72.5°	2.6	2.8	3.0	3.1	3.3	3.4	3.5	3.6	3.6	3.7	3.8
-73.75°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.3	3.4	3.5
-75°	1.6	1.6	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0
-76.25°	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.9	2.1	2.2	2.3
-77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-80°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
-81.25°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5
-82.5°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
81.25°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
78.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.9
77.5°	1.7	1.8	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.6	2.6
76.25°	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4
75°	3.1	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7
73.75°	3.5	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.0	4.0	4.1
72.5°	3.9	3.9	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
71.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
70°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.3	4.3	4.4
68.75°	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.8
67.5°	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.1	5.1
66.25°	4.7	4.8	4.9	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5
65°	5.0	5.1	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.7
63.75°	5.3	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
56.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.9	6.0
55°	5.7	5.7	5.7	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.3
53.75°	5.7	5.7	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.5	6.5
52.5°	5.7	5.8	6.0	6.1	6.3	6.4	6.5	6.5	6.5	6.5	6.5
51.25°	6.0	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6
50°	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.8	7.0
48.75°	6.5	6.5	6.5	6.5	6.5	6.6	6.8	6.9	7.0	7.2	7.3
47.5°	6.5	6.5	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7
46.25°	6.5	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.7	7.9	8.0
45°	6.6	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.4	8.9
43.75°	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.5	9.0	9.5	10.0
42.5°	7.2	7.4	7.6	7.8	8.0	8.4	8.9	9.5	10.0	10.5	11.0
41.25°	7.5	7.7	7.9	8.1	8.7	9.3	9.9	10.5	11.0	11.5	12.0
40°	7.7	8.0	8.3	9.0	9.7	10.3	10.9	11.5	12.0	12.5	13.1
38.75°	8.0	8.5	9.2	9.9	10.6	11.2	11.8	12.4	13.0	13.7	14.4
37.5°	8.6	9.4	10.1	10.8	11.5	12.1	12.7	13.5	14.3	15.1	15.8
36.25°	9.4	10.2	10.9	11.6	12.3	13.0	13.9	14.8	15.6	16.4	17.6
35°	10.2	11.0	11.8	12.5	13.2	14.2	15.1	16.0	17.1	18.4	19.5



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CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	11.0	11.8	12.5	13.4	14.4	15.4	16.3	17.7	19.0	20.2	21.9
32.5°	11.8	12.5	13.5	14.5	15.5	16.7	18.1	19.5	20.8	23.4	26.1
31.25°	12.5	13.4	14.5	15.6	16.8	18.3	19.8	21.4	24.4	27.4	30.3
30°	13.2	14.4	15.5	16.8	18.4	19.9	21.9	25.2	28.4	31.4	38.2
28.75°	14.2	15.4	16.7	18.3	19.9	22.1	25.5	28.9	32.9	40.4	47.8
27.5°	15.1	16.3	18.1	19.8	21.9	25.5	29.1	33.8	41.8	49.7	57.2
26.25°	16.0	17.7	19.5	21.4	25.2	28.9	33.8	42.3	50.6	58.6	66.2
25°	17.1	19.0	20.8	24.4	28.4	32.9	41.8	50.6	59.1	67.2	75.0
23.75°	18.4	20.2	23.4	27.4	31.4	40.4	49.7	58.6	67.2	75.5	84.2
22.5°	19.5	21.9	26.1	30.3	38.2	47.8	57.2	66.2	75.0	84.2	94.5
21.25°	20.7	24.5	28.8	35.0	45.0	54.9	64.3	73.6	83.0	93.9	104.5
20°	22.5	27.0	31.4	41.3	51.5	61.5	71.2	80.7	92.0	103.2	114.9
18.75°	24.8	29.3	36.7	47.3	57.8	67.8	77.7	88.9	100.7	112.5	126.3
17.5°	26.9	31.6	42.3	53.1	63.6	73.8	84.6	96.9	109.0	123.0	138.6
16.25°	29.0	36.4	47.5	58.5	69.1	79.5	91.9	104.5	118.2	133.9	151.1
15°	30.9	41.1	52.4	63.4	74.2	85.8	98.8	111.8	127.5	144.8	163.7
13.75°	33.9	45.5	57.0	68.0	79.0	91.9	105.2	120.0	137.0	155.8	176.7
12.5°	37.8	49.5	61.1	72.3	84.0	97.7	111.2	127.8	146.3	166.8	190.3
11.25°	41.3	53.2	64.8	76.2	89.0	102.9	117.9	135.7	155.3	177.6	203.3
10°	44.6	56.6	68.2	79.8	93.6	107.7	124.0	142.9	164.0	188.5	217.7
8.75°	47.4	59.5	71.2	83.3	97.7	112.1	129.9	149.9	172.4	198.7	230.8
7.5°	49.9	62.0	73.9	86.7	101.2	116.7	135.2	156.0	179.8	208.5	242.4
6.25°	52.0	64.2	76.1	89.6	104.3	120.6	139.8	161.5	187.0	217.8	252.3
5°	53.8	65.9	78.0	92.0	106.8	123.8	143.7	166.4	193.0	225.6	260.5
3.75°	55.1	67.3	79.4	93.9	108.8	126.3	146.9	170.3	197.7	231.7	267.0
2.5°	56.1	68.3	80.5	95.2	110.2	128.4	149.3	173.1	201.2	236.1	271.6
1.25°	56.7	68.9	81.1	96.0	111.0	129.6	150.7	174.8	203.2	238.8	274.5
0°	56.9	69.1	81.3	96.3	111.3	130.0	151.2	175.3	203.9	239.7	275.4
-1.25°	56.7	68.9	81.1	96.0	111.0	129.6	150.7	174.8	203.2	238.8	274.5
-2.5°	56.1	68.3	80.5	95.2	110.2	128.4	149.3	173.1	201.2	236.1	271.6
-3.75°	55.1	67.3	79.4	93.9	108.8	126.3	146.9	170.3	197.7	231.7	267.0
-5°	53.8	65.9	78.0	92.0	106.8	123.8	143.7	166.4	193.0	225.6	260.5
-6.25°	52.0	64.2	76.1	89.6	104.3	120.6	139.8	161.5	187.0	217.8	252.3
-7.5°	49.9	62.0	73.9	86.7	101.2	116.7	135.2	156.0	179.8	208.5	242.4
-8.75°	47.4	59.5	71.2	83.3	97.7	112.1	129.9	149.9	172.4	198.7	230.8
-10°	44.6	56.6	68.2	79.8	93.6	107.7	124.0	142.9	164.0	188.5	217.7
-11.25°	41.3	53.2	64.8	76.2	89.0	102.9	117.9	135.7	155.3	177.6	203.3
-12.5°	37.8	49.5	61.1	72.3	84.0	97.7	111.2	127.8	146.3	166.8	190.3
-13.75°	33.9	45.5	57.0	68.0	79.0	91.9	105.2	120.0	137.0	155.8	176.7
-15°	30.9	41.1	52.4	63.4	74.2	85.8	98.8	111.8	127.5	144.8	163.7
-16.25°	29.0	36.4	47.5	58.5	69.1	79.5	91.9	104.5	118.2	133.9	151.1
-17.5°	26.9	31.6	42.3	53.1	63.6	73.8	84.6	96.9	109.0	123.0	138.6
-18.75°	24.8	29.3	36.7	47.3	57.8	67.8	77.7	88.9	100.7	112.5	126.3
-20°	22.5	27.0	31.4	41.3	51.5	61.5	71.2	80.7	92.0	103.2	114.9
-21.25°	20.7	24.5	28.8	35.0	45.0	54.9	64.3	73.6	83.0	93.9	104.5



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	19.5	21.9	26.1	30.3	38.2	47.8	57.2	66.2	75.0	84.2	94.5
-23.75°	18.4	20.2	23.4	27.4	31.4	40.4	49.7	58.6	67.2	75.5	84.2
-25°	17.1	19.0	20.8	24.4	28.4	32.9	41.8	50.6	59.1	67.2	75.0
-26.25°	16.0	17.7	19.5	21.4	25.2	28.9	33.8	42.3	50.6	58.6	66.2
-27.5°	15.1	16.3	18.1	19.8	21.9	25.5	29.1	33.8	41.8	49.7	57.2
-28.75°	14.2	15.4	16.7	18.3	19.9	22.1	25.5	28.9	32.9	40.4	47.8
-30°	13.2	14.4	15.5	16.8	18.4	19.9	21.9	25.2	28.4	31.4	38.2
-31.25°	12.5	13.4	14.5	15.6	16.8	18.3	19.8	21.4	24.4	27.4	30.3
-32.5°	11.8	12.5	13.5	14.5	15.5	16.7	18.1	19.5	20.8	23.4	26.1
-33.75°	11.0	11.8	12.5	13.4	14.4	15.4	16.3	17.7	19.0	20.2	21.9
-35°	10.2	11.0	11.8	12.5	13.2	14.2	15.1	16.0	17.1	18.4	19.5
-36.25°	9.4	10.2	10.9	11.6	12.3	13.0	13.9	14.8	15.6	16.4	17.6
-37.5°	8.6	9.4	10.1	10.8	11.5	12.1	12.7	13.5	14.3	15.1	15.8
-38.75°	8.0	8.5	9.2	9.9	10.6	11.2	11.8	12.4	13.0	13.7	14.4
-40°	7.7	8.0	8.3	9.0	9.7	10.3	10.9	11.5	12.0	12.5	13.1
-41.25°	7.5	7.7	7.9	8.1	8.7	9.3	9.9	10.5	11.0	11.5	12.0
-42.5°	7.2	7.4	7.6	7.8	8.0	8.4	8.9	9.5	10.0	10.5	11.0
-43.75°	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.5	9.0	9.5	10.0
-45°	6.6	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.4	8.9
-46.25°	6.5	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.7	7.9	8.0
-47.5°	6.5	6.5	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7
-48.75°	6.5	6.5	6.5	6.5	6.5	6.6	6.8	6.9	7.0	7.2	7.3
-50°	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.8	7.0
-51.25°	6.0	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6
-52.5°	5.7	5.8	6.0	6.1	6.3	6.4	6.5	6.5	6.5	6.5	6.5
-53.75°	5.7	5.7	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.5	6.5
-55°	5.7	5.7	5.7	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.3
-56.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.9	6.0
-57.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-62.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-63.75°	5.3	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-65°	5.0	5.1	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.7
-66.25°	4.7	4.8	4.9	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5
-67.5°	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.1	5.1
-68.75°	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.8
-70°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.3	4.3	4.4
-71.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-72.5°	3.9	3.9	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-73.75°	3.5	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.0	4.0	4.1
-75°	3.1	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7
-76.25°	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4
-77.5°	1.7	1.8	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.6	2.6



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.9
-80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-81.25°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-82.5°	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
-83.75°	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2
82.5°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
78.75°	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4
77.5°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2
76.25°	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6
75°	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0
73.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
71.25°	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
70°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
68.75°	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
67.5°	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.6
66.25°	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.9	5.9	6.0
57.5°	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4
56.25°	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5
55°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
53.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7
52.5°	6.5	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1
51.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.5
50°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9	7.9
48.75°	7.4	7.6	7.7	7.8	7.9	8.0	8.0	8.2	8.4	8.6	8.8
47.5°	7.8	7.9	8.0	8.2	8.5	8.8	9.1	9.4	9.6	9.8	10.0
46.25°	8.2	8.6	9.0	9.4	9.7	10.0	10.3	10.6	10.8	11.0	11.2
45°	9.3	9.7	10.1	10.5	10.8	11.2	11.4	11.7	12.0	12.2	12.4
43.75°	10.4	10.8	11.2	11.6	12.0	12.3	12.6	12.9	13.1	13.5	13.7
42.5°	11.5	11.9	12.3	12.7	13.1	13.5	14.0	14.4	14.7	15.1	15.3
41.25°	12.5	13.0	13.5	14.1	14.6	15.1	15.5	15.9	16.3	16.8	17.3
40°	13.7	14.4	15.0	15.6	16.1	16.7	17.4	18.0	18.6	19.1	19.6
38.75°	15.1	15.8	16.5	17.4	18.2	18.9	19.7	20.3	20.9	21.9	22.9
37.5°	16.6	17.6	18.6	19.5	20.4	21.2	22.8	24.3	25.7	27.0	28.1
36.25°	18.7	19.7	20.7	22.3	24.2	26.0	27.7	29.3	30.7	32.5	35.2
35°	20.7	22.5	24.8	26.9	29.0	30.9	33.9	37.8	41.3	44.6	47.4



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	24.5	27.0	29.3	31.6	36.4	41.1	45.5	49.5	53.2	56.6	59.5
32.5°	28.8	31.4	36.7	42.3	47.5	52.4	57.0	61.1	64.8	68.2	71.2
31.25°	35.0	41.3	47.3	53.1	58.5	63.4	68.0	72.3	76.2	79.8	83.3
30°	45.0	51.5	57.8	63.6	69.1	74.2	79.0	84.0	89.0	93.6	97.7
28.75°	54.9	61.5	67.8	73.8	79.5	85.8	91.9	97.7	102.9	107.7	112.1
27.5°	64.3	71.2	77.7	84.6	91.9	98.8	105.2	111.2	117.9	124.0	129.9
26.25°	73.6	80.7	88.9	96.9	104.5	111.8	120.0	127.8	135.7	142.9	149.9
25°	83.0	92.0	100.7	109.0	118.2	127.5	137.0	146.3	155.3	164.0	172.4
23.75°	93.9	103.2	112.5	123.0	133.9	144.8	155.8	166.8	177.6	188.5	198.7
22.5°	104.5	114.9	126.3	138.6	151.1	163.7	176.7	190.3	203.3	217.7	230.8
21.25°	115.7	128.2	141.4	155.3	169.8	184.9	200.7	218.0	234.7	250.0	263.9
20°	128.2	142.4	157.4	173.6	190.8	209.2	229.4	248.3	265.9	284.6	304.8
18.75°	141.4	157.4	174.8	193.8	214.8	237.0	258.1	279.0	304.7	328.4	349.8
17.5°	155.3	173.6	193.8	216.7	240.9	264.1	290.4	319.4	346.5	371.5	402.8
16.25°	169.8	190.8	214.8	240.9	266.1	296.2	328.3	358.8	392.9	431.0	480.2
15°	184.9	209.2	237.0	264.1	296.2	331.3	365.0	406.8	458.1	517.1	596.2
13.75°	200.7	229.4	258.1	290.4	328.3	365.0	411.5	472.0	549.6	644.8	772.4
12.5°	218.0	248.3	279.0	319.4	358.8	406.8	472.0	560.6	679.4	829.6	1016.6
11.25°	234.7	265.9	304.7	346.5	392.9	458.1	549.6	679.4	854.8	1069.4	1319.1
10°	250.0	284.6	328.4	371.5	431.0	517.1	644.8	829.6	1069.4	1354.3	1651.8
8.75°	263.9	304.8	349.8	402.8	480.2	596.2	772.4	1016.6	1319.1	1651.8	1979.2
7.5°	276.3	322.8	368.9	432.1	530.4	684.0	913.1	1215.0	1567.9	1933.2	2277.3
6.25°	290.9	338.3	390.0	468.1	588.3	778.0	1051.8	1404.5	1798.1	2183.8	2535.0
5°	303.0	351.2	409.8	498.2	637.9	871.3	1193.6	1584.2	1998.1	2393.7	2747.5
3.75°	312.6	361.3	425.3	526.7	696.2	957.7	1311.1	1728.8	2157.7	2555.7	2910.5
2.5°	319.5	368.7	438.8	552.7	738.6	1020.6	1398.1	1836.6	2271.9	2672.5	3031.6
1.25°	323.6	373.1	448.5	568.4	764.3	1058.9	1457.0	1902.7	2342.0	2744.7	3104.1
0°	325.0	374.6	451.8	573.7	772.9	1071.7	1476.8	1924.9	2365.7	2769.1	3128.1
-1.25°	323.6	373.1	448.5	568.4	764.3	1058.9	1457.0	1902.7	2342.0	2744.7	3104.1
-2.5°	319.5	368.7	438.8	552.7	738.6	1020.6	1398.1	1836.6	2271.9	2672.5	3031.6
-3.75°	312.6	361.3	425.3	526.7	696.2	957.7	1311.1	1728.8	2157.7	2555.7	2910.5
-5°	303.0	351.2	409.8	498.2	637.9	871.3	1193.6	1584.2	1998.1	2393.7	2747.5
-6.25°	290.9	338.3	390.0	468.1	588.3	778.0	1051.8	1404.5	1798.1	2183.8	2535.0
-7.5°	276.3	322.8	368.9	432.1	530.4	684.0	913.1	1215.0	1567.9	1933.2	2277.3
-8.75°	263.9	304.8	349.8	402.8	480.2	596.2	772.4	1016.6	1319.1	1651.8	1979.2
-10°	250.0	284.6	328.4	371.5	431.0	517.1	644.8	829.6	1069.4	1354.3	1651.8
-11.25°	234.7	265.9	304.7	346.5	392.9	458.1	549.6	679.4	854.8	1069.4	1319.1
-12.5°	218.0	248.3	279.0	319.4	358.8	406.8	472.0	560.6	679.4	829.6	1016.6
-13.75°	200.7	229.4	258.1	290.4	328.3	365.0	411.5	472.0	549.6	644.8	772.4
-15°	184.9	209.2	237.0	264.1	296.2	331.3	365.0	406.8	458.1	517.1	596.2
-16.25°	169.8	190.8	214.8	240.9	266.1	296.2	328.3	358.8	392.9	431.0	480.2
-17.5°	155.3	173.6	193.8	216.7	240.9	264.1	290.4	319.4	346.5	371.5	402.8
-18.75°	141.4	157.4	174.8	193.8	214.8	237.0	258.1	279.0	304.7	328.4	349.8
-20°	128.2	142.4	157.4	173.6	190.8	209.2	229.4	248.3	265.9	284.6	304.8
-21.25°	115.7	128.2	141.4	155.3	169.8	184.9	200.7	218.0	234.7	250.0	263.9



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	104.5	114.9	126.3	138.6	151.1	163.7	176.7	190.3	203.3	217.7	230.8
-23.75°	93.9	103.2	112.5	123.0	133.9	144.8	155.8	166.8	177.6	188.5	198.7
-25°	83.0	92.0	100.7	109.0	118.2	127.5	137.0	146.3	155.3	164.0	172.4
-26.25°	73.6	80.7	88.9	96.9	104.5	111.8	120.0	127.8	135.7	142.9	149.9
-27.5°	64.3	71.2	77.7	84.6	91.9	98.8	105.2	111.2	117.9	124.0	129.9
-28.75°	54.9	61.5	67.8	73.8	79.5	85.8	91.9	97.7	102.9	107.7	112.1
-30°	45.0	51.5	57.8	63.6	69.1	74.2	79.0	84.0	89.0	93.6	97.7
-31.25°	35.0	41.3	47.3	53.1	58.5	63.4	68.0	72.3	76.2	79.8	83.3
-32.5°	28.8	31.4	36.7	42.3	47.5	52.4	57.0	61.1	64.8	68.2	71.2
-33.75°	24.5	27.0	29.3	31.6	36.4	41.1	45.5	49.5	53.2	56.6	59.5
-35°	20.7	22.5	24.8	26.9	29.0	30.9	33.9	37.8	41.3	44.6	47.4
-36.25°	18.7	19.7	20.7	22.3	24.2	26.0	27.7	29.3	30.7	32.5	35.2
-37.5°	16.6	17.6	18.6	19.5	20.4	21.2	22.8	24.3	25.7	27.0	28.1
-38.75°	15.1	15.8	16.5	17.4	18.2	18.9	19.7	20.3	20.9	21.9	22.9
-40°	13.7	14.4	15.0	15.6	16.1	16.7	17.4	18.0	18.6	19.1	19.6
-41.25°	12.5	13.0	13.5	14.1	14.6	15.1	15.5	15.9	16.3	16.8	17.3
-42.5°	11.5	11.9	12.3	12.7	13.1	13.5	14.0	14.4	14.7	15.1	15.3
-43.75°	10.4	10.8	11.2	11.6	12.0	12.3	12.6	12.9	13.1	13.5	13.7
-45°	9.3	9.7	10.1	10.5	10.8	11.2	11.4	11.7	12.0	12.2	12.4
-46.25°	8.2	8.6	9.0	9.4	9.7	10.0	10.3	10.6	10.8	11.0	11.2
-47.5°	7.8	7.9	8.0	8.2	8.5	8.8	9.1	9.4	9.6	9.8	10.0
-48.75°	7.4	7.6	7.7	7.8	7.9	8.0	8.0	8.2	8.4	8.6	8.8
-50°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9	7.9
-51.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.5
-52.5°	6.5	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1
-53.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7
-55°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-56.25°	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5
-57.5°	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4
-58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.9	5.9	6.0
-60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-66.25°	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-67.5°	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.6
-68.75°	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2
-70°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
-71.25°	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
-72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-73.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-75°	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0
-76.25°	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6
-77.5°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4
-80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-82.5°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
78.75°	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4
77.5°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
76.25°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
73.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
71.25°	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
68.75°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
67.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
66.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
58.75°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
57.5°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
56.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
55°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
53.75°	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8
52.5°	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2
51.25°	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6
50°	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0
48.75°	8.9	9.1	9.2	9.2	9.3	9.3	9.4	9.3	9.3	9.2	9.2
47.5°	10.2	10.3	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.4
46.25°	11.4	11.5	11.6	11.7	11.7	11.8	11.8	11.8	11.7	11.7	11.6
45°	12.5	12.7	12.8	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.8
43.75°	14.0	14.2	14.3	14.5	14.6	14.6	14.7	14.6	14.6	14.5	14.3
42.5°	15.6	15.8	16.0	16.1	16.2	16.3	16.3	16.3	16.2	16.1	16.0
41.25°	17.6	18.0	18.2	18.4	18.6	18.7	18.7	18.7	18.6	18.4	18.2
40°	20.0	20.3	20.6	20.8	21.0	21.1	21.1	21.1	21.0	20.8	20.6
38.75°	23.8	24.6	25.3	25.8	26.1	26.3	26.4	26.3	26.1	25.8	25.3
37.5°	29.0	29.8	30.5	31.0	31.4	31.6	31.7	31.6	31.4	31.0	30.5
36.25°	37.6	39.6	41.3	42.6	43.6	44.1	44.3	44.1	43.6	42.6	41.3
35°	49.9	52.0	53.8	55.1	56.1	56.7	56.9	56.7	56.1	55.1	53.8



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	62.0	64.2	65.9	67.3	68.3	68.9	69.1	68.9	68.3	67.3	65.9
32.5°	73.9	76.1	78.0	79.4	80.5	81.1	81.3	81.1	80.5	79.4	78.0
31.25°	86.7	89.6	92.0	93.9	95.2	96.0	96.3	96.0	95.2	93.9	92.0
30°	101.2	104.3	106.8	108.8	110.2	111.0	111.3	111.0	110.2	108.8	106.8
28.75°	116.7	120.6	123.8	126.3	128.4	129.6	130.0	129.6	128.4	126.3	123.8
27.5°	135.2	139.8	143.7	146.9	149.3	150.7	151.2	150.7	149.3	146.9	143.7
26.25°	156.0	161.5	166.4	170.3	173.1	174.8	175.3	174.8	173.1	170.3	166.4
25°	179.8	187.0	193.0	197.7	201.2	203.2	203.9	203.2	201.2	197.7	193.0
23.75°	208.5	217.8	225.6	231.7	236.1	238.8	239.7	238.8	236.1	231.7	225.6
22.5°	242.4	252.3	260.5	267.0	271.6	274.5	275.4	274.5	271.6	267.0	260.5
21.25°	276.3	290.9	303.0	312.6	319.5	323.6	325.0	323.6	319.5	312.6	303.0
20°	322.8	338.3	351.2	361.3	368.7	373.1	374.6	373.1	368.7	361.3	351.2
18.75°	368.9	390.0	409.8	425.3	438.8	448.5	451.8	448.5	438.8	425.3	409.8
17.5°	432.1	468.1	498.2	526.7	552.7	568.4	573.7	568.4	552.7	526.7	498.2
16.25°	530.4	588.3	637.9	696.2	738.6	764.3	772.9	764.3	738.6	696.2	637.9
15°	684.0	778.0	871.3	957.7	1020.6	1058.9	1071.7	1058.9	1020.6	957.7	871.3
13.75°	913.1	1051.8	1193.6	1311.1	1398.1	1457.0	1476.8	1457.0	1398.1	1311.1	1193.6
12.5°	1215.0	1404.5	1584.2	1728.8	1836.6	1902.7	1924.9	1902.7	1836.6	1728.8	1584.2
11.25°	1567.9	1798.1	1998.1	2157.7	2271.9	2342.0	2365.7	2342.0	2271.9	2157.7	1998.1
10°	1933.2	2183.8	2393.7	2555.7	2672.5	2744.7	2769.1	2744.7	2672.5	2555.7	2393.7
8.75°	2277.3	2535.0	2747.5	2910.5	3031.6	3104.1	3128.1	3104.1	3031.6	2910.5	2747.5
7.5°	2581.7	2841.4	3058.3	3228.6	3356.8	3433.2	3459.4	3433.2	3356.8	3228.6	3058.3
6.25°	2841.4	3106.3	3332.8	3514.1	3647.1	3727.1	3754.7	3727.1	3647.1	3514.1	3332.8
5°	3058.3	3332.8	3569.6	3755.4	3893.7	3981.4	4012.3	3981.4	3893.7	3755.4	3569.6
3.75°	3228.6	3514.1	3755.4	3951.6	4095.8	4187.4	4213.6	4187.4	4095.8	3951.6	3755.4
2.5°	3356.8	3647.1	3893.7	4095.8	4241.4	4330.0	4358.1	4330.0	4241.4	4095.8	3893.7
1.25°	3433.2	3727.1	3981.4	4187.4	4330.0	4420.9	4455.0	4420.9	4330.0	4187.4	3981.4
0°	3459.4	3754.7	4012.3	4213.6	4358.1	4455.0	4503.1	4455.0	4358.1	4213.6	4012.3
-1.25°	3433.2	3727.1	3981.4	4187.4	4330.0	4420.9	4455.0	4420.9	4330.0	4187.4	3981.4
-2.5°	3356.8	3647.1	3893.7	4095.8	4241.4	4330.0	4358.1	4330.0	4241.4	4095.8	3893.7
-3.75°	3228.6	3514.1	3755.4	3951.6	4095.8	4187.4	4213.6	4187.4	4095.8	3951.6	3755.4
-5°	3058.3	3332.8	3569.6	3755.4	3893.7	3981.4	4012.3	3981.4	3893.7	3755.4	3569.6
-6.25°	2841.4	3106.3	3332.8	3514.1	3647.1	3727.1	3754.7	3727.1	3647.1	3514.1	3332.8
-7.5°	2581.7	2841.4	3058.3	3228.6	3356.8	3433.2	3459.4	3433.2	3356.8	3228.6	3058.3
-8.75°	2277.3	2535.0	2747.5	2910.5	3031.6	3104.1	3128.1	3104.1	3031.6	2910.5	2747.5
-10°	1933.2	2183.8	2393.7	2555.7	2672.5	2744.7	2769.1	2744.7	2672.5	2555.7	2393.7
-11.25°	1567.9	1798.1	1998.1	2157.7	2271.9	2342.0	2365.7	2342.0	2271.9	2157.7	1998.1
-12.5°	1215.0	1404.5	1584.2	1728.8	1836.6	1902.7	1924.9	1902.7	1836.6	1728.8	1584.2
-13.75°	913.1	1051.8	1193.6	1311.1	1398.1	1457.0	1476.8	1457.0	1398.1	1311.1	1193.6
-15°	684.0	778.0	871.3	957.7	1020.6	1058.9	1071.7	1058.9	1020.6	957.7	871.3
-16.25°	530.4	588.3	637.9	696.2	738.6	764.3	772.9	764.3	738.6	696.2	637.9
-17.5°	432.1	468.1	498.2	526.7	552.7	568.4	573.7	568.4	552.7	526.7	498.2
-18.75°	368.9	390.0	409.8	425.3	438.8	448.5	451.8	448.5	438.8	425.3	409.8
-20°	322.8	338.3	351.2	361.3	368.7	373.1	374.6	373.1	368.7	361.3	351.2
-21.25°	276.3	290.9	303.0	312.6	319.5	323.6	325.0	323.6	319.5	312.6	303.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	242.4	252.3	260.5	267.0	271.6	274.5	275.4	274.5	271.6	267.0	260.5
-23.75°	208.5	217.8	225.6	231.7	236.1	238.8	239.7	238.8	236.1	231.7	225.6
-25°	179.8	187.0	193.0	197.7	201.2	203.2	203.9	203.2	201.2	197.7	193.0
-26.25°	156.0	161.5	166.4	170.3	173.1	174.8	175.3	174.8	173.1	170.3	166.4
-27.5°	135.2	139.8	143.7	146.9	149.3	150.7	151.2	150.7	149.3	146.9	143.7
-28.75°	116.7	120.6	123.8	126.3	128.4	129.6	130.0	129.6	128.4	126.3	123.8
-30°	101.2	104.3	106.8	108.8	110.2	111.0	111.3	111.0	110.2	108.8	106.8
-31.25°	86.7	89.6	92.0	93.9	95.2	96.0	96.3	96.0	95.2	93.9	92.0
-32.5°	73.9	76.1	78.0	79.4	80.5	81.1	81.3	81.1	80.5	79.4	78.0
-33.75°	62.0	64.2	65.9	67.3	68.3	68.9	69.1	68.9	68.3	67.3	65.9
-35°	49.9	52.0	53.8	55.1	56.1	56.7	56.9	56.7	56.1	55.1	53.8
-36.25°	37.6	39.6	41.3	42.6	43.6	44.1	44.3	44.1	43.6	42.6	41.3
-37.5°	29.0	29.8	30.5	31.0	31.4	31.6	31.7	31.6	31.4	31.0	30.5
-38.75°	23.8	24.6	25.3	25.8	26.1	26.3	26.4	26.3	26.1	25.8	25.3
-40°	20.0	20.3	20.6	20.8	21.0	21.1	21.1	21.1	21.0	20.8	20.6
-41.25°	17.6	18.0	18.2	18.4	18.6	18.7	18.7	18.7	18.6	18.4	18.2
-42.5°	15.6	15.8	16.0	16.1	16.2	16.3	16.3	16.3	16.2	16.1	16.0
-43.75°	14.0	14.2	14.3	14.5	14.6	14.6	14.7	14.6	14.6	14.5	14.3
-45°	12.5	12.7	12.8	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.8
-46.25°	11.4	11.5	11.6	11.7	11.7	11.8	11.8	11.8	11.7	11.7	11.6
-47.5°	10.2	10.3	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.4
-48.75°	8.9	9.1	9.2	9.2	9.3	9.3	9.4	9.3	9.3	9.2	9.2
-50°	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.0
-51.25°	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6
-52.5°	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.2
-53.75°	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.8
-55°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-56.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-57.5°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-58.75°	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-66.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-67.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-68.75°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-70°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-71.25°	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-73.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-76.25°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-77.5°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4
-80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
82.5°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
78.75°	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0
77.5°	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.8
76.25°	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5
75°	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
73.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
71.25°	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
70°	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5
68.75°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
67.5°	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3
66.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
58.75°	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.7
57.5°	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9
56.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.3
55°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
53.75°	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.5	6.5
52.5°	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6
51.25°	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9
50°	8.0	8.0	7.9	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3
48.75°	9.1	8.9	8.8	8.6	8.4	8.2	8.0	8.0	7.9	7.8	7.7
47.5°	10.3	10.2	10.0	9.8	9.6	9.4	9.1	8.8	8.5	8.2	8.0
46.25°	11.5	11.4	11.2	11.0	10.8	10.6	10.3	10.0	9.7	9.4	9.0
45°	12.7	12.5	12.4	12.2	12.0	11.7	11.4	11.2	10.8	10.5	10.1
43.75°	14.2	14.0	13.7	13.5	13.1	12.9	12.6	12.3	12.0	11.6	11.2
42.5°	15.8	15.6	15.3	15.1	14.7	14.4	14.0	13.5	13.1	12.7	12.3
41.25°	18.0	17.6	17.3	16.8	16.3	15.9	15.5	15.1	14.6	14.1	13.5
40°	20.3	20.0	19.6	19.1	18.6	18.0	17.4	16.7	16.1	15.6	15.0
38.75°	24.6	23.8	22.9	21.9	20.9	20.3	19.7	18.9	18.2	17.4	16.5
37.5°	29.8	29.0	28.1	27.0	25.7	24.3	22.8	21.2	20.4	19.5	18.6
36.25°	39.6	37.6	35.2	32.5	30.7	29.3	27.7	26.0	24.2	22.3	20.7
35°	52.0	49.9	47.4	44.6	41.3	37.8	33.9	30.9	29.0	26.9	24.8



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	64.2	62.0	59.5	56.6	53.2	49.5	45.5	41.1	36.4	31.6	29.3
32.5°	76.1	73.9	71.2	68.2	64.8	61.1	57.0	52.4	47.5	42.3	36.7
31.25°	89.6	86.7	83.3	79.8	76.2	72.3	68.0	63.4	58.5	53.1	47.3
30°	104.3	101.2	97.7	93.6	89.0	84.0	79.0	74.2	69.1	63.6	57.8
28.75°	120.6	116.7	112.1	107.7	102.9	97.7	91.9	85.8	79.5	73.8	67.8
27.5°	139.8	135.2	129.9	124.0	117.9	111.2	105.2	98.8	91.9	84.6	77.7
26.25°	161.5	156.0	149.9	142.9	135.7	127.8	120.0	111.8	104.5	96.9	88.9
25°	187.0	179.8	172.4	164.0	155.3	146.3	137.0	127.5	118.2	109.0	100.7
23.75°	217.8	208.5	198.7	188.5	177.6	166.8	155.8	144.8	133.9	123.0	112.5
22.5°	252.3	242.4	230.8	217.7	203.3	190.3	176.7	163.7	151.1	138.6	126.3
21.25°	290.9	276.3	263.9	250.0	234.7	218.0	200.7	184.9	169.8	155.3	141.4
20°	338.3	322.8	304.8	284.6	265.9	248.3	229.4	209.2	190.8	173.6	157.4
18.75°	390.0	368.9	349.8	328.4	304.7	279.0	258.1	237.0	214.8	193.8	174.8
17.5°	468.1	432.1	402.8	371.5	346.5	319.4	290.4	264.1	240.9	216.7	193.8
16.25°	588.3	530.4	480.2	431.0	392.9	358.8	328.3	296.2	266.1	240.9	214.8
15°	778.0	684.0	596.2	517.1	458.1	406.8	365.0	331.3	296.2	264.1	237.0
13.75°	1051.8	913.1	772.4	644.8	549.6	472.0	411.5	365.0	328.3	290.4	258.1
12.5°	1404.5	1215.0	1016.6	829.6	679.4	560.6	472.0	406.8	358.8	319.4	279.0
11.25°	1798.1	1567.9	1319.1	1069.4	854.8	679.4	549.6	458.1	392.9	346.5	304.7
10°	2183.8	1933.2	1651.8	1354.3	1069.4	829.6	644.8	517.1	431.0	371.5	328.4
8.75°	2535.0	2277.3	1979.2	1651.8	1319.1	1016.6	772.4	596.2	480.2	402.8	349.8
7.5°	2841.4	2581.7	2277.3	1933.2	1567.9	1215.0	913.1	684.0	530.4	432.1	368.9
6.25°	3106.3	2841.4	2535.0	2183.8	1798.1	1404.5	1051.8	778.0	588.3	468.1	390.0
5°	3332.8	3058.3	2747.5	2393.7	1998.1	1584.2	1193.6	871.3	637.9	498.2	409.8
3.75°	3514.1	3228.6	2910.5	2555.7	2157.7	1728.8	1311.1	957.7	696.2	526.7	425.3
2.5°	3647.1	3356.8	3031.6	2672.5	2271.9	1836.6	1398.1	1020.6	738.6	552.7	438.8
1.25°	3727.1	3433.2	3104.1	2744.7	2342.0	1902.7	1457.0	1058.9	764.3	568.4	448.5
0°	3754.7	3459.4	3128.1	2769.1	2365.7	1924.9	1476.8	1071.7	772.9	573.7	451.8
-1.25°	3727.1	3433.2	3104.1	2744.7	2342.0	1902.7	1457.0	1058.9	764.3	568.4	448.5
-2.5°	3647.1	3356.8	3031.6	2672.5	2271.9	1836.6	1398.1	1020.6	738.6	552.7	438.8
-3.75°	3514.1	3228.6	2910.5	2555.7	2157.7	1728.8	1311.1	957.7	696.2	526.7	425.3
-5°	3332.8	3058.3	2747.5	2393.7	1998.1	1584.2	1193.6	871.3	637.9	498.2	409.8
-6.25°	3106.3	2841.4	2535.0	2183.8	1798.1	1404.5	1051.8	778.0	588.3	468.1	390.0
-7.5°	2841.4	2581.7	2277.3	1933.2	1567.9	1215.0	913.1	684.0	530.4	432.1	368.9
-8.75°	2535.0	2277.3	1979.2	1651.8	1319.1	1016.6	772.4	596.2	480.2	402.8	349.8
-10°	2183.8	1933.2	1651.8	1354.3	1069.4	829.6	644.8	517.1	431.0	371.5	328.4
-11.25°	1798.1	1567.9	1319.1	1069.4	854.8	679.4	549.6	458.1	392.9	346.5	304.7
-12.5°	1404.5	1215.0	1016.6	829.6	679.4	560.6	472.0	406.8	358.8	319.4	279.0
-13.75°	1051.8	913.1	772.4	644.8	549.6	472.0	411.5	365.0	328.3	290.4	258.1
-15°	778.0	684.0	596.2	517.1	458.1	406.8	365.0	331.3	296.2	264.1	237.0
-16.25°	588.3	530.4	480.2	431.0	392.9	358.8	328.3	296.2	266.1	240.9	214.8
-17.5°	468.1	432.1	402.8	371.5	346.5	319.4	290.4	264.1	240.9	216.7	193.8
-18.75°	390.0	368.9	349.8	328.4	304.7	279.0	258.1	237.0	214.8	193.8	174.8
-20°	338.3	322.8	304.8	284.6	265.9	248.3	229.4	209.2	190.8	173.6	157.4
-21.25°	290.9	276.3	263.9	250.0	234.7	218.0	200.7	184.9	169.8	155.3	141.4



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	252.3	242.4	230.8	217.7	203.3	190.3	176.7	163.7	151.1	138.6	126.3
-23.75°	217.8	208.5	198.7	188.5	177.6	166.8	155.8	144.8	133.9	123.0	112.5
-25°	187.0	179.8	172.4	164.0	155.3	146.3	137.0	127.5	118.2	109.0	100.7
-26.25°	161.5	156.0	149.9	142.9	135.7	127.8	120.0	111.8	104.5	96.9	88.9
-27.5°	139.8	135.2	129.9	124.0	117.9	111.2	105.2	98.8	91.9	84.6	77.7
-28.75°	120.6	116.7	112.1	107.7	102.9	97.7	91.9	85.8	79.5	73.8	67.8
-30°	104.3	101.2	97.7	93.6	89.0	84.0	79.0	74.2	69.1	63.6	57.8
-31.25°	89.6	86.7	83.3	79.8	76.2	72.3	68.0	63.4	58.5	53.1	47.3
-32.5°	76.1	73.9	71.2	68.2	64.8	61.1	57.0	52.4	47.5	42.3	36.7
-33.75°	64.2	62.0	59.5	56.6	53.2	49.5	45.5	41.1	36.4	31.6	29.3
-35°	52.0	49.9	47.4	44.6	41.3	37.8	33.9	30.9	29.0	26.9	24.8
-36.25°	39.6	37.6	35.2	32.5	30.7	29.3	27.7	26.0	24.2	22.3	20.7
-37.5°	29.8	29.0	28.1	27.0	25.7	24.3	22.8	21.2	20.4	19.5	18.6
-38.75°	24.6	23.8	22.9	21.9	20.9	20.3	19.7	18.9	18.2	17.4	16.5
-40°	20.3	20.0	19.6	19.1	18.6	18.0	17.4	16.7	16.1	15.6	15.0
-41.25°	18.0	17.6	17.3	16.8	16.3	15.9	15.5	15.1	14.6	14.1	13.5
-42.5°	15.8	15.6	15.3	15.1	14.7	14.4	14.0	13.5	13.1	12.7	12.3
-43.75°	14.2	14.0	13.7	13.5	13.1	12.9	12.6	12.3	12.0	11.6	11.2
-45°	12.7	12.5	12.4	12.2	12.0	11.7	11.4	11.2	10.8	10.5	10.1
-46.25°	11.5	11.4	11.2	11.0	10.8	10.6	10.3	10.0	9.7	9.4	9.0
-47.5°	10.3	10.2	10.0	9.8	9.6	9.4	9.1	8.8	8.5	8.2	8.0
-48.75°	9.1	8.9	8.8	8.6	8.4	8.2	8.0	8.0	7.9	7.8	7.7
-50°	8.0	8.0	7.9	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.3
-51.25°	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9
-52.5°	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6
-53.75°	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.5	6.5
-55°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-56.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.3
-57.5°	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9
-58.75°	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.7
-60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-66.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-67.5°	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.3
-68.75°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9
-70°	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5
-71.25°	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
-72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-73.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-75°	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
-76.25°	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5
-77.5°	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.8



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0
-80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-82.5°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
-83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
82.5°	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2
81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
78.75°	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6
77.5°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0
76.25°	3.4	3.4	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7
75°	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3
73.75°	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.8	3.8	3.7	3.7
72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
71.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
70°	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.1
68.75°	4.9	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2
67.5°	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.5
66.25°	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.9
65°	5.7	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.4	5.3	5.2
63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.5
62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
56.25°	6.2	6.1	6.0	5.9	5.8	5.7	5.7	5.7	5.7	5.7	5.7
55°	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.7	5.7
53.75°	6.5	6.5	6.5	6.5	6.5	6.3	6.2	6.1	6.0	5.8	5.7
52.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.1	6.0
51.25°	6.8	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3
50°	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.5	6.5	6.5	6.5
48.75°	7.6	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.5	6.5
47.5°	7.9	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.5
46.25°	8.6	8.2	8.0	7.9	7.7	7.6	7.4	7.2	7.1	6.9	6.7
45°	9.7	9.3	8.9	8.4	8.1	7.9	7.7	7.6	7.4	7.2	7.0
43.75°	10.8	10.4	10.0	9.5	9.0	8.5	8.1	7.9	7.7	7.5	7.3
42.5°	11.9	11.5	11.0	10.5	10.0	9.5	8.9	8.4	8.0	7.8	7.6
41.25°	13.0	12.5	12.0	11.5	11.0	10.5	9.9	9.3	8.7	8.1	7.9
40°	14.4	13.7	13.1	12.5	12.0	11.5	10.9	10.3	9.7	9.0	8.3
38.75°	15.8	15.1	14.4	13.7	13.0	12.4	11.8	11.2	10.6	9.9	9.2
37.5°	17.6	16.6	15.8	15.1	14.3	13.5	12.7	12.1	11.5	10.8	10.1
36.25°	19.7	18.7	17.6	16.4	15.6	14.8	13.9	13.0	12.3	11.6	10.9
35°	22.5	20.7	19.5	18.4	17.1	16.0	15.1	14.2	13.2	12.5	11.8



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	27.0	24.5	21.9	20.2	19.0	17.7	16.3	15.4	14.4	13.4	12.5
32.5°	31.4	28.8	26.1	23.4	20.8	19.5	18.1	16.7	15.5	14.5	13.5
31.25°	41.3	35.0	30.3	27.4	24.4	21.4	19.8	18.3	16.8	15.6	14.5
30°	51.5	45.0	38.2	31.4	28.4	25.2	21.9	19.9	18.4	16.8	15.5
28.75°	61.5	54.9	47.8	40.4	32.9	28.9	25.5	22.1	19.9	18.3	16.7
27.5°	71.2	64.3	57.2	49.7	41.8	33.8	29.1	25.5	21.9	19.8	18.1
26.25°	80.7	73.6	66.2	58.6	50.6	42.3	33.8	28.9	25.2	21.4	19.5
25°	92.0	83.0	75.0	67.2	59.1	50.6	41.8	32.9	28.4	24.4	20.8
23.75°	103.2	93.9	84.2	75.5	67.2	58.6	49.7	40.4	31.4	27.4	23.4
22.5°	114.9	104.5	94.5	84.2	75.0	66.2	57.2	47.8	38.2	30.3	26.1
21.25°	128.2	115.7	104.5	93.9	83.0	73.6	64.3	54.9	45.0	35.0	28.8
20°	142.4	128.2	114.9	103.2	92.0	80.7	71.2	61.5	51.5	41.3	31.4
18.75°	157.4	141.4	126.3	112.5	100.7	88.9	77.7	67.8	57.8	47.3	36.7
17.5°	173.6	155.3	138.6	123.0	109.0	96.9	84.6	73.8	63.6	53.1	42.3
16.25°	190.8	169.8	151.1	133.9	118.2	104.5	91.9	79.5	69.1	58.5	47.5
15°	209.2	184.9	163.7	144.8	127.5	111.8	98.8	85.8	74.2	63.4	52.4
13.75°	229.4	200.7	176.7	155.8	137.0	120.0	105.2	91.9	79.0	68.0	57.0
12.5°	248.3	218.0	190.3	166.8	146.3	127.8	111.2	97.7	84.0	72.3	61.1
11.25°	265.9	234.7	203.3	177.6	155.3	135.7	117.9	102.9	89.0	76.2	64.8
10°	284.6	250.0	217.7	188.5	164.0	142.9	124.0	107.7	93.6	79.8	68.2
8.75°	304.8	263.9	230.8	198.7	172.4	149.9	129.9	112.1	97.7	83.3	71.2
7.5°	322.8	276.3	242.4	208.5	179.8	156.0	135.2	116.7	101.2	86.7	73.9
6.25°	338.3	290.9	252.3	217.8	187.0	161.5	139.8	120.6	104.3	89.6	76.1
5°	351.2	303.0	260.5	225.6	193.0	166.4	143.7	123.8	106.8	92.0	78.0
3.75°	361.3	312.6	267.0	231.7	197.7	170.3	146.9	126.3	108.8	93.9	79.4
2.5°	368.7	319.5	271.6	236.1	201.2	173.1	149.3	128.4	110.2	95.2	80.5
1.25°	373.1	323.6	274.5	238.8	203.2	174.8	150.7	129.6	111.0	96.0	81.1
0°	374.6	325.0	275.4	239.7	203.9	175.3	151.2	130.0	111.3	96.3	81.3
-1.25°	373.1	323.6	274.5	238.8	203.2	174.8	150.7	129.6	111.0	96.0	81.1
-2.5°	368.7	319.5	271.6	236.1	201.2	173.1	149.3	128.4	110.2	95.2	80.5
-3.75°	361.3	312.6	267.0	231.7	197.7	170.3	146.9	126.3	108.8	93.9	79.4
-5°	351.2	303.0	260.5	225.6	193.0	166.4	143.7	123.8	106.8	92.0	78.0
-6.25°	338.3	290.9	252.3	217.8	187.0	161.5	139.8	120.6	104.3	89.6	76.1
-7.5°	322.8	276.3	242.4	208.5	179.8	156.0	135.2	116.7	101.2	86.7	73.9
-8.75°	304.8	263.9	230.8	198.7	172.4	149.9	129.9	112.1	97.7	83.3	71.2
-10°	284.6	250.0	217.7	188.5	164.0	142.9	124.0	107.7	93.6	79.8	68.2
-11.25°	265.9	234.7	203.3	177.6	155.3	135.7	117.9	102.9	89.0	76.2	64.8
-12.5°	248.3	218.0	190.3	166.8	146.3	127.8	111.2	97.7	84.0	72.3	61.1
-13.75°	229.4	200.7	176.7	155.8	137.0	120.0	105.2	91.9	79.0	68.0	57.0
-15°	209.2	184.9	163.7	144.8	127.5	111.8	98.8	85.8	74.2	63.4	52.4
-16.25°	190.8	169.8	151.1	133.9	118.2	104.5	91.9	79.5	69.1	58.5	47.5
-17.5°	173.6	155.3	138.6	123.0	109.0	96.9	84.6	73.8	63.6	53.1	42.3
-18.75°	157.4	141.4	126.3	112.5	100.7	88.9	77.7	67.8	57.8	47.3	36.7
-20°	142.4	128.2	114.9	103.2	92.0	80.7	71.2	61.5	51.5	41.3	31.4
-21.25°	128.2	115.7	104.5	93.9	83.0	73.6	64.3	54.9	45.0	35.0	28.8



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	114.9	104.5	94.5	84.2	75.0	66.2	57.2	47.8	38.2	30.3	26.1
-23.75°	103.2	93.9	84.2	75.5	67.2	58.6	49.7	40.4	31.4	27.4	23.4
-25°	92.0	83.0	75.0	67.2	59.1	50.6	41.8	32.9	28.4	24.4	20.8
-26.25°	80.7	73.6	66.2	58.6	50.6	42.3	33.8	28.9	25.2	21.4	19.5
-27.5°	71.2	64.3	57.2	49.7	41.8	33.8	29.1	25.5	21.9	19.8	18.1
-28.75°	61.5	54.9	47.8	40.4	32.9	28.9	25.5	22.1	19.9	18.3	16.7
-30°	51.5	45.0	38.2	31.4	28.4	25.2	21.9	19.9	18.4	16.8	15.5
-31.25°	41.3	35.0	30.3	27.4	24.4	21.4	19.8	18.3	16.8	15.6	14.5
-32.5°	31.4	28.8	26.1	23.4	20.8	19.5	18.1	16.7	15.5	14.5	13.5
-33.75°	27.0	24.5	21.9	20.2	19.0	17.7	16.3	15.4	14.4	13.4	12.5
-35°	22.5	20.7	19.5	18.4	17.1	16.0	15.1	14.2	13.2	12.5	11.8
-36.25°	19.7	18.7	17.6	16.4	15.6	14.8	13.9	13.0	12.3	11.6	10.9
-37.5°	17.6	16.6	15.8	15.1	14.3	13.5	12.7	12.1	11.5	10.8	10.1
-38.75°	15.8	15.1	14.4	13.7	13.0	12.4	11.8	11.2	10.6	9.9	9.2
-40°	14.4	13.7	13.1	12.5	12.0	11.5	10.9	10.3	9.7	9.0	8.3
-41.25°	13.0	12.5	12.0	11.5	11.0	10.5	9.9	9.3	8.7	8.1	7.9
-42.5°	11.9	11.5	11.0	10.5	10.0	9.5	8.9	8.4	8.0	7.8	7.6
-43.75°	10.8	10.4	10.0	9.5	9.0	8.5	8.1	7.9	7.7	7.5	7.3
-45°	9.7	9.3	8.9	8.4	8.1	7.9	7.7	7.6	7.4	7.2	7.0
-46.25°	8.6	8.2	8.0	7.9	7.7	7.6	7.4	7.2	7.1	6.9	6.7
-47.5°	7.9	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.5
-48.75°	7.6	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.5	6.5
-50°	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.5	6.5	6.5	6.5
-51.25°	6.8	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3
-52.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.1	6.0
-53.75°	6.5	6.5	6.5	6.5	6.5	6.3	6.2	6.1	6.0	5.8	5.7
-55°	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.7	5.7
-56.25°	6.2	6.1	6.0	5.9	5.8	5.7	5.7	5.7	5.7	5.7	5.7
-57.5°	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-60°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-61.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-62.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-63.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.5
-65°	5.7	5.7	5.7	5.7	5.7	5.6	5.5	5.5	5.4	5.3	5.2
-66.25°	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.9
-67.5°	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.5
-68.75°	4.9	4.8	4.8	4.7	4.6	4.6	4.5	4.4	4.4	4.3	4.2
-70°	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.1
-71.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-72.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
-73.75°	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.8	3.8	3.7	3.7
-75°	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3
-76.25°	3.4	3.4	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-77.5°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6
-80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-81.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-82.5°	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2
-83.75°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
81.25°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4
78.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
76.25°	2.6	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.6	1.6
75°	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8
73.75°	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.7	2.6	2.4
72.5°	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0
71.25°	4.1	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5	3.4
70°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.7
68.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9
67.5°	4.4	4.3	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1
66.25°	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.1	4.1	4.1	4.1
65°	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.1
63.75°	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5	4.3	4.2
62.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.5
61.25°	5.7	5.7	5.7	5.7	5.6	5.4	5.3	5.1	5.0	4.9	4.7
60°	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.3	5.1	5.0
58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.4	5.2
57.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.5
56.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
55°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
53.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
52.5°	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
51.25°	6.1	6.0	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
50°	6.4	6.3	6.1	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7
48.75°	6.5	6.5	6.4	6.2	6.0	5.8	5.7	5.7	5.7	5.7	5.7
47.5°	6.5	6.5	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7	5.7
46.25°	6.5	6.5	6.5	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7
45°	6.8	6.6	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.7	5.7
43.75°	7.1	6.9	6.7	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.7
42.5°	7.4	7.2	7.0	6.8	6.5	6.5	6.5	6.5	6.4	6.2	5.9
41.25°	7.7	7.5	7.2	7.0	6.8	6.6	6.5	6.5	6.5	6.4	6.1
40°	8.0	7.7	7.5	7.3	7.0	6.8	6.6	6.5	6.5	6.5	6.3
38.75°	8.5	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.5	6.5	6.5
37.5°	9.4	8.6	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.5	6.5
36.25°	10.2	9.4	8.7	8.0	7.8	7.5	7.2	7.0	6.7	6.5	6.5
35°	11.0	10.2	9.4	8.6	8.0	7.7	7.5	7.2	6.9	6.6	6.5



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	11.8	11.0	10.2	9.4	8.5	8.0	7.7	7.4	7.1	6.8	6.5
32.5°	12.5	11.8	10.9	10.1	9.2	8.3	7.9	7.6	7.3	7.0	6.7
31.25°	13.4	12.5	11.6	10.8	9.9	9.0	8.1	7.8	7.5	7.2	6.9
30°	14.4	13.2	12.3	11.5	10.6	9.7	8.7	8.0	7.7	7.4	7.1
28.75°	15.4	14.2	13.0	12.1	11.2	10.3	9.3	8.4	7.9	7.6	7.2
27.5°	16.3	15.1	13.9	12.7	11.8	10.9	9.9	8.9	8.1	7.7	7.4
26.25°	17.7	16.0	14.8	13.5	12.4	11.5	10.5	9.5	8.5	7.9	7.6
25°	19.0	17.1	15.6	14.3	13.0	12.0	11.0	10.0	9.0	8.1	7.7
23.75°	20.2	18.4	16.4	15.1	13.7	12.5	11.5	10.5	9.5	8.4	7.9
22.5°	21.9	19.5	17.6	15.8	14.4	13.1	12.0	11.0	10.0	8.9	8.0
21.25°	24.5	20.7	18.7	16.6	15.1	13.7	12.5	11.5	10.4	9.3	8.2
20°	27.0	22.5	19.7	17.6	15.8	14.4	13.0	11.9	10.8	9.7	8.6
18.75°	29.3	24.8	20.7	18.6	16.5	15.0	13.5	12.3	11.2	10.1	9.0
17.5°	31.6	26.9	22.3	19.5	17.4	15.6	14.1	12.7	11.6	10.5	9.4
16.25°	36.4	29.0	24.2	20.4	18.2	16.1	14.6	13.1	12.0	10.8	9.7
15°	41.1	30.9	26.0	21.2	18.9	16.7	15.1	13.5	12.3	11.2	10.0
13.75°	45.5	33.9	27.7	22.8	19.7	17.4	15.5	14.0	12.6	11.4	10.3
12.5°	49.5	37.8	29.3	24.3	20.3	18.0	15.9	14.4	12.9	11.7	10.6
11.25°	53.2	41.3	30.7	25.7	20.9	18.6	16.3	14.7	13.1	12.0	10.8
10°	56.6	44.6	32.5	27.0	21.9	19.1	16.8	15.1	13.5	12.2	11.0
8.75°	59.5	47.4	35.2	28.1	22.9	19.6	17.3	15.3	13.7	12.4	11.2
7.5°	62.0	49.9	37.6	29.0	23.8	20.0	17.6	15.6	14.0	12.5	11.4
6.25°	64.2	52.0	39.6	29.8	24.6	20.3	18.0	15.8	14.2	12.7	11.5
5°	65.9	53.8	41.3	30.5	25.3	20.6	18.2	16.0	14.3	12.8	11.6
3.75°	67.3	55.1	42.6	31.0	25.8	20.8	18.4	16.1	14.5	12.9	11.7
2.5°	68.3	56.1	43.6	31.4	26.1	21.0	18.6	16.2	14.6	12.9	11.7
1.25°	68.9	56.7	44.1	31.6	26.3	21.1	18.7	16.3	14.6	13.0	11.8
0°	69.1	56.9	44.3	31.7	26.4	21.1	18.7	16.3	14.7	13.0	11.8
-1.25°	68.9	56.7	44.1	31.6	26.3	21.1	18.7	16.3	14.6	13.0	11.8
-2.5°	68.3	56.1	43.6	31.4	26.1	21.0	18.6	16.2	14.6	12.9	11.7
-3.75°	67.3	55.1	42.6	31.0	25.8	20.8	18.4	16.1	14.5	12.9	11.7
-5°	65.9	53.8	41.3	30.5	25.3	20.6	18.2	16.0	14.3	12.8	11.6
-6.25°	64.2	52.0	39.6	29.8	24.6	20.3	18.0	15.8	14.2	12.7	11.5
-7.5°	62.0	49.9	37.6	29.0	23.8	20.0	17.6	15.6	14.0	12.5	11.4
-8.75°	59.5	47.4	35.2	28.1	22.9	19.6	17.3	15.3	13.7	12.4	11.2
-10°	56.6	44.6	32.5	27.0	21.9	19.1	16.8	15.1	13.5	12.2	11.0
-11.25°	53.2	41.3	30.7	25.7	20.9	18.6	16.3	14.7	13.1	12.0	10.8
-12.5°	49.5	37.8	29.3	24.3	20.3	18.0	15.9	14.4	12.9	11.7	10.6
-13.75°	45.5	33.9	27.7	22.8	19.7	17.4	15.5	14.0	12.6	11.4	10.3
-15°	41.1	30.9	26.0	21.2	18.9	16.7	15.1	13.5	12.3	11.2	10.0
-16.25°	36.4	29.0	24.2	20.4	18.2	16.1	14.6	13.1	12.0	10.8	9.7
-17.5°	31.6	26.9	22.3	19.5	17.4	15.6	14.1	12.7	11.6	10.5	9.4
-18.75°	29.3	24.8	20.7	18.6	16.5	15.0	13.5	12.3	11.2	10.1	9.0
-20°	27.0	22.5	19.7	17.6	15.8	14.4	13.0	11.9	10.8	9.7	8.6
-21.25°	24.5	20.7	18.7	16.6	15.1	13.7	12.5	11.5	10.4	9.3	8.2



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	21.9	19.5	17.6	15.8	14.4	13.1	12.0	11.0	10.0	8.9	8.0
-23.75°	20.2	18.4	16.4	15.1	13.7	12.5	11.5	10.5	9.5	8.4	7.9
-25°	19.0	17.1	15.6	14.3	13.0	12.0	11.0	10.0	9.0	8.1	7.7
-26.25°	17.7	16.0	14.8	13.5	12.4	11.5	10.5	9.5	8.5	7.9	7.6
-27.5°	16.3	15.1	13.9	12.7	11.8	10.9	9.9	8.9	8.1	7.7	7.4
-28.75°	15.4	14.2	13.0	12.1	11.2	10.3	9.3	8.4	7.9	7.6	7.2
-30°	14.4	13.2	12.3	11.5	10.6	9.7	8.7	8.0	7.7	7.4	7.1
-31.25°	13.4	12.5	11.6	10.8	9.9	9.0	8.1	7.8	7.5	7.2	6.9
-32.5°	12.5	11.8	10.9	10.1	9.2	8.3	7.9	7.6	7.3	7.0	6.7
-33.75°	11.8	11.0	10.2	9.4	8.5	8.0	7.7	7.4	7.1	6.8	6.5
-35°	11.0	10.2	9.4	8.6	8.0	7.7	7.5	7.2	6.9	6.6	6.5
-36.25°	10.2	9.4	8.7	8.0	7.8	7.5	7.2	7.0	6.7	6.5	6.5
-37.5°	9.4	8.6	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.5	6.5
-38.75°	8.5	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.5	6.5	6.5
-40°	8.0	7.7	7.5	7.3	7.0	6.8	6.6	6.5	6.5	6.5	6.3
-41.25°	7.7	7.5	7.2	7.0	6.8	6.6	6.5	6.5	6.5	6.4	6.1
-42.5°	7.4	7.2	7.0	6.8	6.5	6.5	6.5	6.5	6.4	6.2	5.9
-43.75°	7.1	6.9	6.7	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.7
-45°	6.8	6.6	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.7	5.7
-46.25°	6.5	6.5	6.5	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7
-47.5°	6.5	6.5	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7	5.7
-48.75°	6.5	6.5	6.4	6.2	6.0	5.8	5.7	5.7	5.7	5.7	5.7
-50°	6.4	6.3	6.1	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-51.25°	6.1	6.0	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-52.5°	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-53.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-55°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-56.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-57.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.5
-58.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.4	5.2
-60°	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.3	5.1	5.0
-61.25°	5.7	5.7	5.7	5.7	5.6	5.4	5.3	5.1	5.0	4.9	4.7
-62.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.5
-63.75°	5.4	5.3	5.2	5.1	5.0	4.8	4.7	4.6	4.5	4.3	4.2
-65°	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.1
-66.25°	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.1	4.1	4.1	4.1
-67.5°	4.4	4.3	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-68.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.9
-70°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.7
-71.25°	4.1	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.5	3.4
-72.5°	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0
-73.75°	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.7	2.6	2.4
-75°	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8
-76.25°	2.6	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.6	1.6
-77.5°	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4
-81.25°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
-82.5°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
-83.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
81.25°	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
80°	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
78.75°	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3	1.3	1.2
76.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
73.75°	2.2	2.0	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.6	1.6	1.6	1.6
71.25°	3.3	3.1	2.9	2.7	2.5	2.3	2.0	1.8	1.6	1.6	1.6
70°	3.6	3.5	3.4	3.2	3.0	2.7	2.5	2.2	2.0	1.7	1.6
68.75°	3.8	3.7	3.6	3.5	3.4	3.2	3.0	2.7	2.4	2.2	1.9
67.5°	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.1	2.9	2.6	2.3
66.25°	4.1	4.1	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.0	2.7
65°	4.1	4.1	4.1	4.1	4.1	3.9	3.8	3.6	3.5	3.4	3.1
63.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.7	3.5	3.4
62.5°	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.7	3.6
61.25°	4.6	4.4	4.3	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.8
60°	4.8	4.7	4.5	4.3	4.2	4.1	4.1	4.1	4.1	4.1	3.9
58.75°	5.1	4.9	4.7	4.6	4.4	4.2	4.1	4.1	4.1	4.1	4.1
57.5°	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.1	4.1	4.1	4.1
56.25°	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.3	4.1	4.1	4.1
55°	5.7	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.1	4.1
53.75°	5.7	5.7	5.6	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.1
52.5°	5.7	5.7	5.7	5.7	5.5	5.3	5.0	4.8	4.6	4.4	4.2
51.25°	5.7	5.7	5.7	5.7	5.7	5.5	5.2	5.0	4.8	4.6	4.3
50°	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.0	4.7	4.5
48.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.9	4.7
47.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.3	5.1	4.8
46.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.2	5.0
45°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1
43.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.3
42.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.4
41.25°	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6
40°	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
38.75°	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
37.5°	6.5	6.2	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
36.25°	6.5	6.4	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
35°	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	6.5	6.5	6.4	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7
32.5°	6.5	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7
31.25°	6.6	6.5	6.5	6.5	6.1	5.8	5.7	5.7	5.7	5.7	5.7
30°	6.8	6.5	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7
28.75°	6.9	6.6	6.5	6.5	6.4	6.1	5.8	5.7	5.7	5.7	5.7
27.5°	7.1	6.8	6.5	6.5	6.5	6.2	5.9	5.7	5.7	5.7	5.7
26.25°	7.2	6.9	6.6	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7
25°	7.4	7.0	6.7	6.5	6.5	6.5	6.1	5.8	5.7	5.7	5.7
23.75°	7.5	7.2	6.8	6.5	6.5	6.5	6.2	5.9	5.7	5.7	5.7
22.5°	7.7	7.3	7.0	6.6	6.5	6.5	6.3	6.0	5.7	5.7	5.7
21.25°	7.8	7.4	7.1	6.7	6.5	6.5	6.4	6.1	5.7	5.7	5.7
20°	7.9	7.6	7.2	6.8	6.5	6.5	6.5	6.2	5.8	5.7	5.7
18.75°	8.0	7.7	7.3	6.9	6.6	6.5	6.5	6.3	5.9	5.7	5.7
17.5°	8.2	7.8	7.4	7.0	6.7	6.5	6.5	6.3	6.0	5.7	5.7
16.25°	8.5	7.9	7.5	7.1	6.7	6.5	6.5	6.4	6.0	5.7	5.7
15°	8.8	8.0	7.6	7.2	6.8	6.5	6.5	6.5	6.1	5.7	5.7
13.75°	9.1	8.0	7.7	7.3	6.9	6.5	6.5	6.5	6.2	5.8	5.7
12.5°	9.4	8.2	7.7	7.4	7.0	6.6	6.5	6.5	6.2	5.8	5.7
11.25°	9.6	8.4	7.8	7.4	7.0	6.6	6.5	6.5	6.3	5.9	5.7
10°	9.8	8.6	7.9	7.5	7.1	6.7	6.5	6.5	6.3	5.9	5.7
8.75°	10.0	8.8	7.9	7.5	7.1	6.7	6.5	6.5	6.4	6.0	5.7
7.5°	10.2	8.9	8.0	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.7
6.25°	10.3	9.1	8.0	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.7
5°	10.4	9.2	8.0	7.6	7.2	6.8	6.5	6.5	6.5	6.1	5.7
3.75°	10.5	9.2	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
2.5°	10.6	9.3	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
1.25°	10.6	9.3	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
0°	10.6	9.4	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
-1.25°	10.6	9.3	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
-2.5°	10.6	9.3	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
-3.75°	10.5	9.2	8.1	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7
-5°	10.4	9.2	8.0	7.6	7.2	6.8	6.5	6.5	6.5	6.1	5.7
-6.25°	10.3	9.1	8.0	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.7
-7.5°	10.2	8.9	8.0	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.7
-8.75°	10.0	8.8	7.9	7.5	7.1	6.7	6.5	6.5	6.4	6.0	5.7
-10°	9.8	8.6	7.9	7.5	7.1	6.7	6.5	6.5	6.3	5.9	5.7
-11.25°	9.6	8.4	7.8	7.4	7.0	6.6	6.5	6.5	6.3	5.9	5.7
-12.5°	9.4	8.2	7.7	7.4	7.0	6.6	6.5	6.5	6.2	5.8	5.7
-13.75°	9.1	8.0	7.7	7.3	6.9	6.5	6.5	6.5	6.2	5.8	5.7
-15°	8.8	8.0	7.6	7.2	6.8	6.5	6.5	6.5	6.1	5.7	5.7
-16.25°	8.5	7.9	7.5	7.1	6.7	6.5	6.5	6.4	6.0	5.7	5.7
-17.5°	8.2	7.8	7.4	7.0	6.7	6.5	6.5	6.3	6.0	5.7	5.7
-18.75°	8.0	7.7	7.3	6.9	6.6	6.5	6.5	6.3	5.9	5.7	5.7
-20°	7.9	7.6	7.2	6.8	6.5	6.5	6.5	6.2	5.8	5.7	5.7
-21.25°	7.8	7.4	7.1	6.7	6.5	6.5	6.4	6.1	5.7	5.7	5.7



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	7.7	7.3	7.0	6.6	6.5	6.5	6.3	6.0	5.7	5.7	5.7
-23.75°	7.5	7.2	6.8	6.5	6.5	6.5	6.2	5.9	5.7	5.7	5.7
-25°	7.4	7.0	6.7	6.5	6.5	6.5	6.1	5.8	5.7	5.7	5.7
-26.25°	7.2	6.9	6.6	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7
-27.5°	7.1	6.8	6.5	6.5	6.5	6.2	5.9	5.7	5.7	5.7	5.7
-28.75°	6.9	6.6	6.5	6.5	6.4	6.1	5.8	5.7	5.7	5.7	5.7
-30°	6.8	6.5	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7
-31.25°	6.6	6.5	6.5	6.5	6.1	5.8	5.7	5.7	5.7	5.7	5.7
-32.5°	6.5	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7
-33.75°	6.5	6.5	6.4	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7
-35°	6.5	6.5	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-36.25°	6.5	6.4	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-37.5°	6.5	6.2	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-38.75°	6.3	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-40°	6.1	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-41.25°	5.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6
-42.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.4
-43.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.3
-45°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1
-46.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.5	5.2	5.0
-47.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.3	5.1	4.8
-48.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.1	4.9	4.7
-50°	5.7	5.7	5.7	5.7	5.7	5.6	5.4	5.2	5.0	4.7	4.5
-51.25°	5.7	5.7	5.7	5.7	5.7	5.5	5.2	5.0	4.8	4.6	4.3
-52.5°	5.7	5.7	5.7	5.7	5.5	5.3	5.0	4.8	4.6	4.4	4.2
-53.75°	5.7	5.7	5.6	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.1
-55°	5.7	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.1	4.1
-56.25°	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.3	4.1	4.1	4.1
-57.5°	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.1	4.1	4.1	4.1
-58.75°	5.1	4.9	4.7	4.6	4.4	4.2	4.1	4.1	4.1	4.1	4.1
-60°	4.8	4.7	4.5	4.3	4.2	4.1	4.1	4.1	4.1	4.1	3.9
-61.25°	4.6	4.4	4.3	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.8
-62.5°	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.7	3.6
-63.75°	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.7	3.5	3.4
-65°	4.1	4.1	4.1	4.1	4.1	3.9	3.8	3.6	3.5	3.4	3.1
-66.25°	4.1	4.1	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.0	2.7
-67.5°	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.1	2.9	2.6	2.3
-68.75°	3.8	3.7	3.6	3.5	3.4	3.2	3.0	2.7	2.4	2.2	1.9
-70°	3.6	3.5	3.4	3.2	3.0	2.7	2.5	2.2	2.0	1.7	1.6
-71.25°	3.3	3.1	2.9	2.7	2.5	2.3	2.0	1.8	1.6	1.6	1.6
-72.5°	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.6	1.6	1.6	1.6
-73.75°	2.2	2.0	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-76.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4
-77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.3	1.3	1.2



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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°	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0
-80°	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
-81.25°	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
78.75°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
76.25°	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8
75°	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8
73.75°	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8
72.5°	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
71.25°	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2	1.1	1.0	0.9
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2	1.1	1.0
68.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2	1.1
67.5°	2.0	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2
66.25°	2.4	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.3
65°	2.8	2.5	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.5	1.4
63.75°	3.2	2.8	2.5	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.5
62.5°	3.4	3.2	2.8	2.5	2.1	1.7	1.6	1.6	1.6	1.6	1.6
61.25°	3.6	3.4	3.2	2.8	2.4	2.0	1.6	1.6	1.6	1.6	1.6
60°	3.8	3.6	3.4	3.1	2.7	2.3	1.9	1.6	1.6	1.6	1.6
58.75°	3.9	3.7	3.5	3.4	3.0	2.6	2.2	1.7	1.6	1.6	1.6
57.5°	4.1	3.9	3.7	3.5	3.3	2.9	2.4	2.0	1.6	1.6	1.6
56.25°	4.1	4.1	3.9	3.6	3.4	3.1	2.7	2.2	1.8	1.6	1.6
55°	4.1	4.1	4.0	3.8	3.6	3.4	3.0	2.5	2.0	1.6	1.6
53.75°	4.1	4.1	4.1	3.9	3.7	3.5	3.2	2.7	2.3	1.8	1.6
52.5°	4.1	4.1	4.1	4.1	3.8	3.6	3.4	3.0	2.5	2.0	1.6
51.25°	4.1	4.1	4.1	4.1	4.0	3.7	3.5	3.2	2.7	2.2	1.7
50°	4.3	4.1	4.1	4.1	4.1	3.9	3.6	3.4	2.9	2.4	1.8
48.75°	4.4	4.2	4.1	4.1	4.1	4.0	3.7	3.5	3.1	2.6	2.0
47.5°	4.6	4.3	4.1	4.1	4.1	4.1	3.8	3.6	3.3	2.8	2.2
46.25°	4.7	4.5	4.2	4.1	4.1	4.1	3.9	3.7	3.4	3.0	2.4
45°	4.9	4.6	4.3	4.1	4.1	4.1	4.1	3.8	3.5	3.1	2.6
43.75°	5.0	4.7	4.5	4.2	4.1	4.1	4.1	3.9	3.6	3.3	2.7
42.5°	5.1	4.9	4.6	4.3	4.1	4.1	4.1	4.0	3.7	3.4	2.9
41.25°	5.3	5.0	4.7	4.4	4.1	4.1	4.1	4.1	3.8	3.5	3.1
40°	5.4	5.1	4.8	4.5	4.3	4.1	4.1	4.1	3.9	3.6	3.2
38.75°	5.6	5.3	5.0	4.7	4.4	4.1	4.1	4.1	3.9	3.6	3.3
37.5°	5.7	5.4	5.1	4.8	4.5	4.2	4.1	4.1	4.0	3.7	3.4
36.25°	5.7	5.5	5.2	4.9	4.6	4.3	4.1	4.1	4.1	3.8	3.5
35°	5.7	5.6	5.3	5.0	4.7	4.3	4.1	4.1	4.1	3.9	3.5



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	5.7	5.7	5.4	5.1	4.8	4.4	4.1	4.1	4.1	3.9	3.6
32.5°	5.7	5.7	5.5	5.2	4.9	4.5	4.2	4.1	4.1	4.0	3.7
31.25°	5.7	5.7	5.6	5.3	4.9	4.6	4.3	4.1	4.1	4.1	3.7
30°	5.7	5.7	5.7	5.4	5.0	4.7	4.4	4.1	4.1	4.1	3.8
28.75°	5.7	5.7	5.7	5.5	5.1	4.8	4.4	4.1	4.1	4.1	3.8
27.5°	5.7	5.7	5.7	5.5	5.2	4.8	4.5	4.2	4.1	4.1	3.9
26.25°	5.7	5.7	5.7	5.6	5.3	4.9	4.6	4.2	4.1	4.1	4.0
25°	5.7	5.7	5.7	5.7	5.4	5.0	4.6	4.3	4.1	4.1	4.0
23.75°	5.7	5.7	5.7	5.7	5.4	5.1	4.7	4.3	4.1	4.1	4.0
22.5°	5.7	5.7	5.7	5.7	5.5	5.1	4.8	4.4	4.1	4.1	4.1
21.25°	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1	4.1
20°	5.7	5.7	5.7	5.7	5.6	5.2	4.9	4.5	4.1	4.1	4.1
18.75°	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.2	4.1	4.1
17.5°	5.7	5.7	5.7	5.7	5.7	5.3	5.0	4.6	4.2	4.1	4.1
16.25°	5.7	5.7	5.7	5.7	5.7	5.4	5.0	4.6	4.3	4.1	4.1
15°	5.7	5.7	5.7	5.7	5.7	5.4	5.1	4.7	4.3	4.1	4.1
13.75°	5.7	5.7	5.7	5.7	5.7	5.5	5.1	4.7	4.3	4.1	4.1
12.5°	5.7	5.7	5.7	5.7	5.7	5.5	5.1	4.7	4.4	4.1	4.1
11.25°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
10°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
8.75°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
7.5°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
6.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
5°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
3.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
2.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
1.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
0°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
-1.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
-2.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
-3.75°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
-5°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
-6.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.1	4.1
-7.5°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
-8.75°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
-10°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
-11.25°	5.7	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1
-12.5°	5.7	5.7	5.7	5.7	5.7	5.5	5.1	4.7	4.4	4.1	4.1
-13.75°	5.7	5.7	5.7	5.7	5.7	5.5	5.1	4.7	4.3	4.1	4.1
-15°	5.7	5.7	5.7	5.7	5.7	5.4	5.1	4.7	4.3	4.1	4.1
-16.25°	5.7	5.7	5.7	5.7	5.7	5.4	5.0	4.6	4.3	4.1	4.1
-17.5°	5.7	5.7	5.7	5.7	5.7	5.3	5.0	4.6	4.2	4.1	4.1
-18.75°	5.7	5.7	5.7	5.7	5.7	5.3	4.9	4.5	4.2	4.1	4.1
-20°	5.7	5.7	5.7	5.7	5.6	5.2	4.9	4.5	4.1	4.1	4.1
-21.25°	5.7	5.7	5.7	5.7	5.6	5.2	4.8	4.4	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	5.7	5.7	5.7	5.7	5.5	5.1	4.8	4.4	4.1	4.1	4.1
-23.75°	5.7	5.7	5.7	5.7	5.4	5.1	4.7	4.3	4.1	4.1	4.0
-25°	5.7	5.7	5.7	5.7	5.4	5.0	4.6	4.3	4.1	4.1	4.0
-26.25°	5.7	5.7	5.7	5.6	5.3	4.9	4.6	4.2	4.1	4.1	4.0
-27.5°	5.7	5.7	5.7	5.5	5.2	4.8	4.5	4.2	4.1	4.1	3.9
-28.75°	5.7	5.7	5.7	5.5	5.1	4.8	4.4	4.1	4.1	4.1	3.8
-30°	5.7	5.7	5.7	5.4	5.0	4.7	4.4	4.1	4.1	4.1	3.8
-31.25°	5.7	5.7	5.6	5.3	4.9	4.6	4.3	4.1	4.1	4.1	3.7
-32.5°	5.7	5.7	5.5	5.2	4.9	4.5	4.2	4.1	4.1	4.0	3.7
-33.75°	5.7	5.7	5.4	5.1	4.8	4.4	4.1	4.1	4.1	3.9	3.6
-35°	5.7	5.6	5.3	5.0	4.7	4.3	4.1	4.1	4.1	3.9	3.5
-36.25°	5.7	5.5	5.2	4.9	4.6	4.3	4.1	4.1	4.1	3.8	3.5
-37.5°	5.7	5.4	5.1	4.8	4.5	4.2	4.1	4.1	4.0	3.7	3.4
-38.75°	5.6	5.3	5.0	4.7	4.4	4.1	4.1	4.1	3.9	3.6	3.3
-40°	5.4	5.1	4.8	4.5	4.3	4.1	4.1	4.1	3.9	3.6	3.2
-41.25°	5.3	5.0	4.7	4.4	4.1	4.1	4.1	4.1	3.8	3.5	3.1
-42.5°	5.1	4.9	4.6	4.3	4.1	4.1	4.1	4.0	3.7	3.4	2.9
-43.75°	5.0	4.7	4.5	4.2	4.1	4.1	4.1	3.9	3.6	3.3	2.7
-45°	4.9	4.6	4.3	4.1	4.1	4.1	4.1	3.8	3.5	3.1	2.6
-46.25°	4.7	4.5	4.2	4.1	4.1	4.1	3.9	3.7	3.4	3.0	2.4
-47.5°	4.6	4.3	4.1	4.1	4.1	4.1	3.8	3.6	3.3	2.8	2.2
-48.75°	4.4	4.2	4.1	4.1	4.1	4.0	3.7	3.5	3.1	2.6	2.0
-50°	4.3	4.1	4.1	4.1	4.1	3.9	3.6	3.4	2.9	2.4	1.8
-51.25°	4.1	4.1	4.1	4.1	4.0	3.7	3.5	3.2	2.7	2.2	1.7
-52.5°	4.1	4.1	4.1	4.1	3.8	3.6	3.4	3.0	2.5	2.0	1.6
-53.75°	4.1	4.1	4.1	3.9	3.7	3.5	3.2	2.7	2.3	1.8	1.6
-55°	4.1	4.1	4.0	3.8	3.6	3.4	3.0	2.5	2.0	1.6	1.6
-56.25°	4.1	4.1	3.9	3.6	3.4	3.1	2.7	2.2	1.8	1.6	1.6
-57.5°	4.1	3.9	3.7	3.5	3.3	2.9	2.4	2.0	1.6	1.6	1.6
-58.75°	3.9	3.7	3.5	3.4	3.0	2.6	2.2	1.7	1.6	1.6	1.6
-60°	3.8	3.6	3.4	3.1	2.7	2.3	1.9	1.6	1.6	1.6	1.6
-61.25°	3.6	3.4	3.2	2.8	2.4	2.0	1.6	1.6	1.6	1.6	1.6
-62.5°	3.4	3.2	2.8	2.5	2.1	1.7	1.6	1.6	1.6	1.6	1.6
-63.75°	3.2	2.8	2.5	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.5
-65°	2.8	2.5	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.5	1.4
-66.25°	2.4	2.1	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.3
-67.5°	2.0	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2
-68.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2	1.1
-70°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2	1.1	1.0
-71.25°	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.2	1.1	1.0	0.9
-72.5°	1.6	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-73.75°	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8
-75°	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8
-76.25°	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8
-77.5°	1.1	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
-83.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
-86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	3.3	2.6	1.8	1.6	1.6	1.5	1.2	0.9	0.8	0.8	0.7
32.5°	3.3	2.7	2.0	1.6	1.6	1.6	1.2	0.9	0.8	0.8	0.7
31.25°	3.4	2.8	2.1	1.6	1.6	1.6	1.3	0.9	0.8	0.8	0.7
30°	3.4	2.9	2.1	1.6	1.6	1.6	1.3	0.9	0.8	0.8	0.7
28.75°	3.5	3.0	2.2	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.7
27.5°	3.5	3.1	2.3	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.7
26.25°	3.6	3.2	2.4	1.7	1.6	1.6	1.4	1.0	0.8	0.8	0.7
25°	3.6	3.3	2.5	1.7	1.6	1.6	1.4	1.0	0.8	0.8	0.7
23.75°	3.7	3.3	2.6	1.8	1.6	1.6	1.4	1.0	0.8	0.8	0.7
22.5°	3.7	3.4	2.6	1.9	1.6	1.6	1.4	1.0	0.8	0.8	0.7
21.25°	3.8	3.4	2.7	1.9	1.6	1.6	1.4	1.1	0.8	0.8	0.7
20°	3.8	3.4	2.8	2.0	1.6	1.6	1.5	1.1	0.8	0.8	0.8
18.75°	3.8	3.5	2.8	2.0	1.6	1.6	1.5	1.1	0.8	0.8	0.8
17.5°	3.9	3.5	2.9	2.1	1.6	1.6	1.5	1.1	0.8	0.8	0.8
16.25°	3.9	3.5	3.0	2.1	1.6	1.6	1.5	1.1	0.8	0.8	0.8
15°	3.9	3.5	3.0	2.2	1.6	1.6	1.5	1.1	0.8	0.8	0.8
13.75°	4.0	3.6	3.1	2.2	1.6	1.6	1.5	1.1	0.8	0.8	0.8
12.5°	4.0	3.6	3.1	2.3	1.6	1.6	1.5	1.2	0.8	0.8	0.8
11.25°	4.0	3.6	3.1	2.3	1.6	1.6	1.6	1.2	0.8	0.8	0.8
10°	4.0	3.6	3.2	2.3	1.6	1.6	1.6	1.2	0.8	0.8	0.8
8.75°	4.0	3.6	3.2	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
7.5°	4.1	3.7	3.2	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
6.25°	4.1	3.7	3.2	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
5°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
3.75°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
2.5°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
1.25°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
0°	4.1	3.7	3.3	2.5	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-1.25°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-2.5°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-3.75°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-5°	4.1	3.7	3.3	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-6.25°	4.1	3.7	3.2	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-7.5°	4.1	3.7	3.2	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-8.75°	4.0	3.6	3.2	2.4	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-10°	4.0	3.6	3.2	2.3	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-11.25°	4.0	3.6	3.1	2.3	1.6	1.6	1.6	1.2	0.8	0.8	0.8
-12.5°	4.0	3.6	3.1	2.3	1.6	1.6	1.5	1.2	0.8	0.8	0.8
-13.75°	4.0	3.6	3.1	2.2	1.6	1.6	1.5	1.1	0.8	0.8	0.8
-15°	3.9	3.5	3.0	2.2	1.6	1.6	1.5	1.1	0.8	0.8	0.8
-16.25°	3.9	3.5	3.0	2.1	1.6	1.6	1.5	1.1	0.8	0.8	0.8
-17.5°	3.9	3.5	2.9	2.1	1.6	1.6	1.5	1.1	0.8	0.8	0.8
-18.75°	3.8	3.5	2.8	2.0	1.6	1.6	1.5	1.1	0.8	0.8	0.8
-20°	3.8	3.4	2.8	2.0	1.6	1.6	1.5	1.1	0.8	0.8	0.8
-21.25°	3.8	3.4	2.7	1.9	1.6	1.6	1.4	1.1	0.8	0.8	0.7



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	3.7	3.4	2.6	1.9	1.6	1.6	1.4	1.0	0.8	0.8	0.7
-23.75°	3.7	3.3	2.6	1.8	1.6	1.6	1.4	1.0	0.8	0.8	0.7
-25°	3.6	3.3	2.5	1.7	1.6	1.6	1.4	1.0	0.8	0.8	0.7
-26.25°	3.6	3.2	2.4	1.7	1.6	1.6	1.4	1.0	0.8	0.8	0.7
-27.5°	3.5	3.1	2.3	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.7
-28.75°	3.5	3.0	2.2	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.7
-30°	3.4	2.9	2.1	1.6	1.6	1.6	1.3	0.9	0.8	0.8	0.7
-31.25°	3.4	2.8	2.1	1.6	1.6	1.6	1.3	0.9	0.8	0.8	0.7
-32.5°	3.3	2.7	2.0	1.6	1.6	1.6	1.2	0.9	0.8	0.8	0.7
-33.75°	3.3	2.6	1.8	1.6	1.6	1.5	1.2	0.9	0.8	0.8	0.7
-35°	3.1	2.4	1.7	1.6	1.6	1.5	1.2	0.8	0.8	0.8	0.7
-36.25°	3.0	2.3	1.6	1.6	1.6	1.5	1.1	0.8	0.8	0.8	0.6
-37.5°	2.9	2.2	1.6	1.6	1.6	1.4	1.1	0.8	0.8	0.8	0.6
-38.75°	2.7	2.1	1.6	1.6	1.6	1.4	1.1	0.8	0.8	0.8	0.6
-40°	2.6	1.9	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.8	0.6
-41.25°	2.4	1.8	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.8	0.6
-42.5°	2.3	1.7	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.8	0.6
-43.75°	2.1	1.6	1.6	1.6	1.5	1.2	0.9	0.8	0.8	0.8	0.6
-45°	2.0	1.6	1.6	1.6	1.5	1.2	0.9	0.8	0.8	0.8	0.6
-46.25°	1.8	1.6	1.6	1.6	1.4	1.1	0.9	0.8	0.8	0.8	0.6
-47.5°	1.6	1.6	1.6	1.6	1.4	1.1	0.8	0.8	0.8	0.8	0.5
-48.75°	1.6	1.6	1.6	1.6	1.3	1.0	0.8	0.8	0.8	0.8	0.5
-50°	1.6	1.6	1.6	1.5	1.3	1.0	0.8	0.8	0.8	0.8	0.5
-51.25°	1.6	1.6	1.6	1.4	1.2	0.9	0.8	0.8	0.8	0.8	0.5
-52.5°	1.6	1.6	1.6	1.4	1.1	0.9	0.8	0.8	0.8	0.7	0.5
-53.75°	1.6	1.6	1.6	1.3	1.1	0.9	0.8	0.8	0.8	0.7	0.5
-55°	1.6	1.6	1.5	1.3	1.0	0.8	0.8	0.8	0.8	0.7	0.5
-56.25°	1.6	1.6	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.7	0.4
-57.5°	1.6	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.6	0.4
-58.75°	1.6	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.6	0.4
-60°	1.6	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-61.25°	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-62.5°	1.4	1.2	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.4
-63.75°	1.3	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4
-65°	1.2	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.3
-66.25°	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3
-67.5°	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3
-68.75°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3
-70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.3
-71.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.4	0.3
-72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.2
-73.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.2
-75°	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-76.25°	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-77.5°	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0.8	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-80°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
-81.25°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-82.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-83.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-85°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-86.25°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-87.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220383 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED3597-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)