

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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED4097-M-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220384 (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-LED4097-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

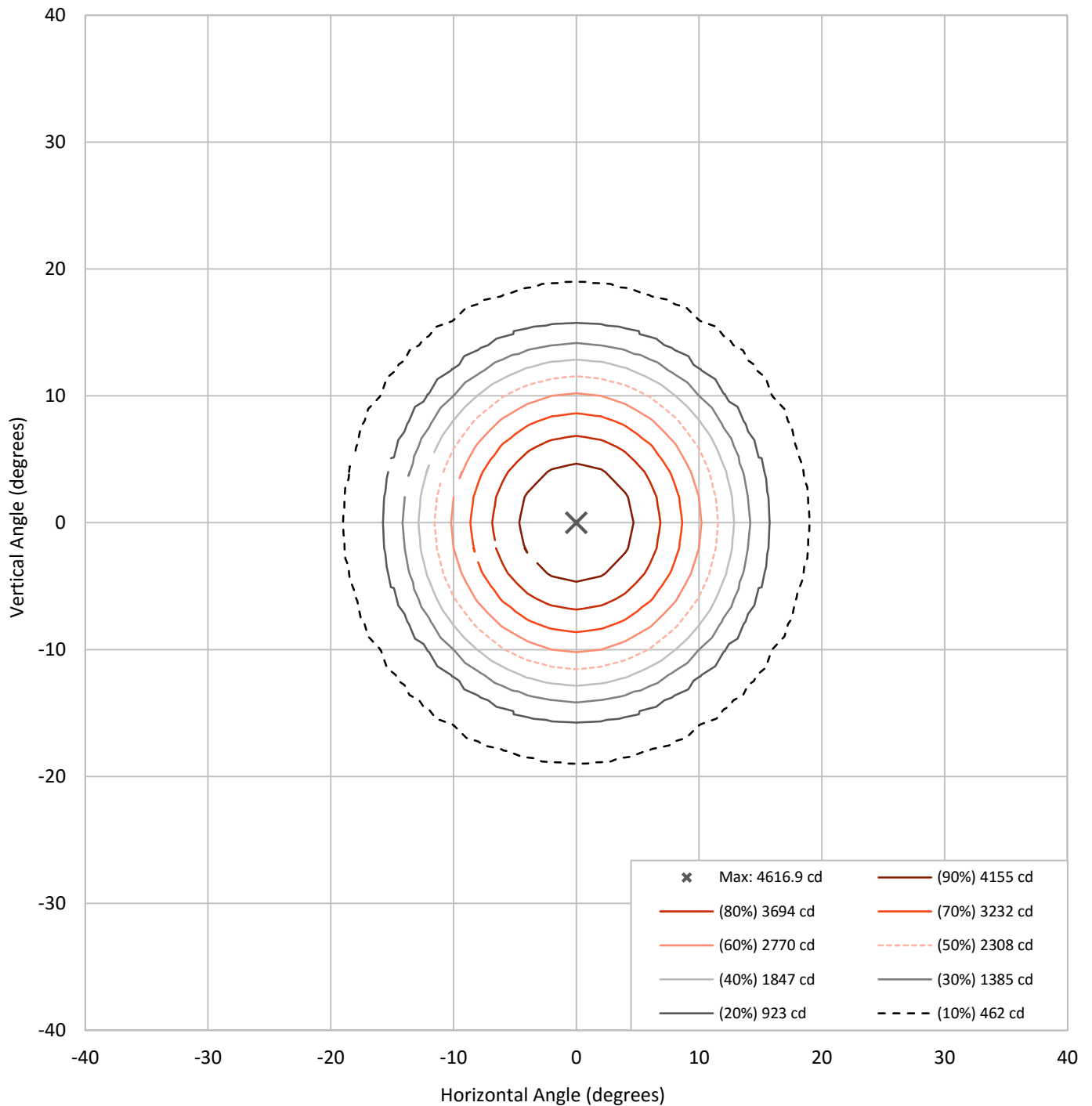
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	844.6 lumens	Max Intensity:	4616.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.5 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:	430.7 lumens	Field Lumens:	662.3 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-LED4097-M-WT-L1-UNV

Iso-Candela Plot





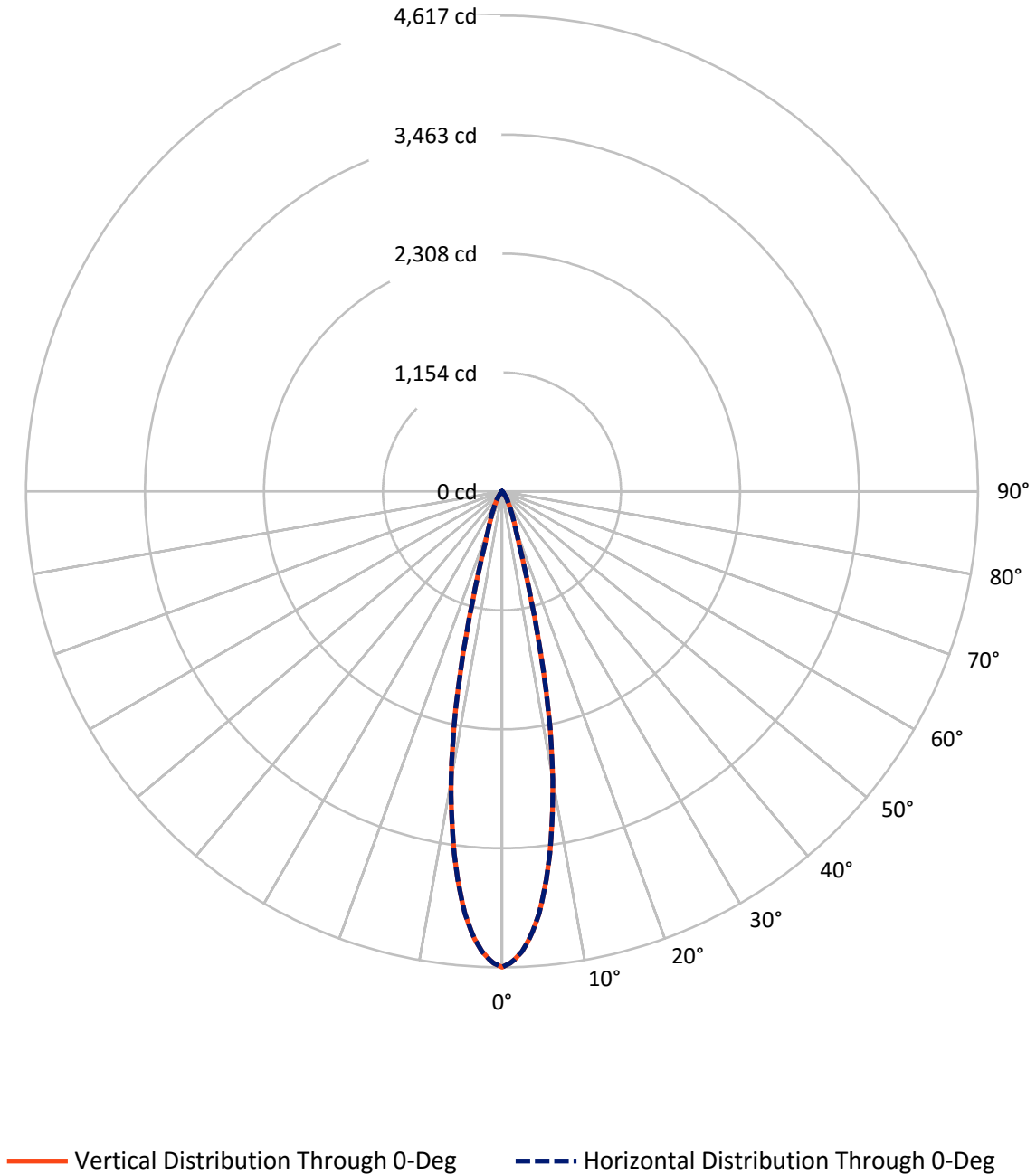
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Lumen Table

90	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.1	0.1	0.1	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	0.1	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	0.1			
40		0.1	0.1	0.2	0.3	0.5	1.1	1.7	1.7	1.1	0.5	0.3	0.2	0.1	0.1				
30	0.1	0.1	0.1	0.2	0.5	1.7	4.0	6.3	6.3	4.0	1.7	0.5	0.2	0.1	0.1	0.1			
20		0.1	0.1	0.3	1.0	3.8	11.1	32.0	32.0	11.1	3.8	1.0	0.3	0.1	0.1				
10	0.1	0.1	0.1	0.3	1.4	5.8	31.2	103.1	103.1	31.2	5.8	1.4	0.3	0.1	0.1	0.1			
0		0.1	0.1	0.3	1.4	5.8	31.2	103.1	103.1	31.2	5.8	1.4	0.3	0.1	0.1				
-10	0.1	0.1	0.1	0.3	1.4	5.8	31.2	103.1	103.1	31.2	5.8	1.4	0.3	0.1	0.1	0.1			
-20		0.1	0.1	0.3	1.0	3.8	11.1	32.0	32.0	11.1	3.8	1.0	0.3	0.1	0.1				
-30	0.1	0.1	0.1	0.2	0.5	1.7	4.0	6.3	6.3	4.0	1.7	0.5	0.2	0.1	0.1	0.1			
-40		0.1	0.1	0.2	0.3	0.5	1.1	1.7	1.7	1.1	0.5	0.3	0.2	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	0.3	0.3	0.3	0.2	0.1	0.0										

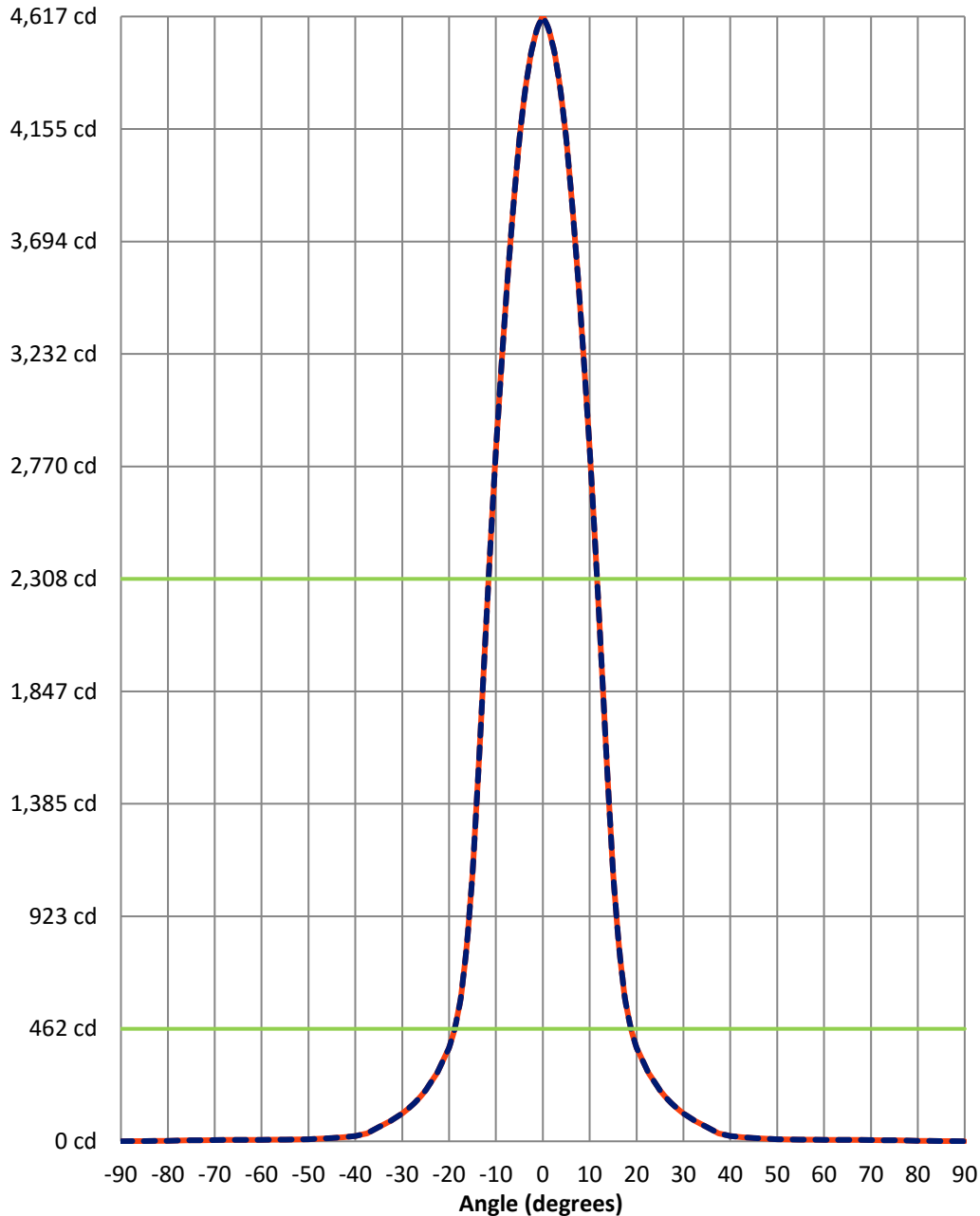
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 430.7
 Efficiency: 51.0%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 662.3
 Efficiency: 78.4%

Spill:
 Lumens: 182.2
 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	1.1
61.25°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	0.9	1.2
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	1.2	1.4
56.25°	0.0	0.2	0.4	0.7	0.8	0.8	0.8	0.8	1.0	1.2	1.5
55°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	1.1	1.3	1.6
53.75°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.4	1.6
52.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.2	1.5	1.7
51.25°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.0	1.2	1.5	1.7
50°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.0	1.3	1.6	1.7
48.75°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.1	1.4	1.7	1.7
47.5°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.1	1.4	1.7	1.7
46.25°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.2	1.5	1.7	1.7
45°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.2	1.5	1.7	1.7
43.75°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.3	1.6	1.7	1.7
42.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.3	1.6	1.7	1.7
41.25°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.4	1.7	1.7	1.7
40°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.4	1.7	1.7	1.7
38.75°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.7	1.7	1.7
37.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.7	1.7	1.7
36.25°	0.0	0.3	0.6	0.8	0.8	0.8	1.2	1.5	1.7	1.7	1.7
35°	0.0	0.3	0.7	0.8	0.8	0.8	1.2	1.6	1.7	1.7	1.8



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.6	1.7	1.7	1.9
32.5°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.7	1.7	1.7	2.0
31.25°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.7	1.7	1.7	2.1
30°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.7	1.7	1.7	2.2
28.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.7	2.3
27.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.7	2.4
26.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.7	2.5
25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.8	2.5
23.75°	0.0	0.4	0.7	0.8	0.8	1.1	1.5	1.7	1.7	1.9	2.6
22.5°	0.0	0.4	0.7	0.8	0.8	1.1	1.5	1.7	1.7	1.9	2.7
21.25°	0.0	0.4	0.7	0.8	0.8	1.1	1.5	1.7	1.7	2.0	2.7
20°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.7	1.7	2.1	2.8
18.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.6	1.7	1.7	2.1	2.9
17.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.6	1.7	1.7	2.2	2.9
16.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.2	3.0
15°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.3	3.0
13.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.3	3.1
12.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.3	3.1
11.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.4	3.1
10°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.4	3.2
8.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.4	3.2
7.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.4	3.2
6.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
5°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
3.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
2.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
1.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
0°	0.0	0.4	0.8	0.8	0.8	1.3	1.7	1.7	1.7	2.5	3.3
-1.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
-2.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
-3.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
-5°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
-6.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.5	3.3
-7.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.4	3.2
-8.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.4	3.2
-10°	0.0	0.4	0.8	0.8	0.8	1.2	1.7	1.7	1.7	2.4	3.2
-11.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.4	3.1
-12.5°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.3	3.1
-13.75°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.3	3.1
-15°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.3	3.0
-16.25°	0.0	0.4	0.8	0.8	0.8	1.2	1.6	1.7	1.7	2.2	3.0
-17.5°	0.0	0.4	0.8	0.8	0.8	1.1	1.6	1.7	1.7	2.2	2.9
-18.75°	0.0	0.4	0.8	0.8	0.8	1.1	1.6	1.7	1.7	2.1	2.9
-20°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.7	1.7	2.1	2.8
-21.25°	0.0	0.4	0.7	0.8	0.8	1.1	1.5	1.7	1.7	2.0	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	1.1	1.5	1.7	1.7	1.9	2.7
-23.75°	0.0	0.4	0.7	0.8	0.8	1.1	1.5	1.7	1.7	1.9	2.6
-25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.8	2.5
-26.25°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.7	2.5
-27.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.7	2.4
-28.75°	0.0	0.4	0.7	0.8	0.8	1.0	1.4	1.7	1.7	1.7	2.3
-30°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.7	1.7	1.7	2.2
-31.25°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.7	1.7	1.7	2.1
-32.5°	0.0	0.3	0.7	0.8	0.8	0.9	1.3	1.7	1.7	1.7	2.0
-33.75°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.6	1.7	1.7	1.9
-35°	0.0	0.3	0.7	0.8	0.8	0.8	1.2	1.6	1.7	1.7	1.8
-36.25°	0.0	0.3	0.6	0.8	0.8	0.8	1.2	1.5	1.7	1.7	1.7
-37.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.7	1.7	1.7
-38.75°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.5	1.7	1.7	1.7
-40°	0.0	0.3	0.6	0.8	0.8	0.8	1.1	1.4	1.7	1.7	1.7
-41.25°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.4	1.7	1.7	1.7
-42.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.3	1.6	1.7	1.7
-43.75°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.3	1.6	1.7	1.7
-45°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.2	1.5	1.7	1.7
-46.25°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	1.2	1.5	1.7	1.7
-47.5°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.1	1.4	1.7	1.7
-48.75°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.1	1.4	1.7	1.7
-50°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.0	1.3	1.6	1.7
-51.25°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.0	1.2	1.5	1.7
-52.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.2	1.5	1.7
-53.75°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.4	1.6
-55°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	1.1	1.3	1.6
-56.25°	0.0	0.2	0.4	0.7	0.8	0.8	0.8	0.8	1.0	1.2	1.5
-57.5°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.9	1.2	1.4
-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	1.2
-62.5°	0.0	0.2	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.9	1.1
-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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.1	1.2
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.2	1.3	1.4
73.75°	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6
72.5°	0.8	0.8	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7
71.25°	0.8	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.7	1.7	1.7
70°	0.8	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7
68.75°	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7
67.5°	0.9	1.0	1.2	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.7
66.25°	1.0	1.2	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.9
65°	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.2
63.75°	1.2	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.2	2.5
62.5°	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.5	2.8
61.25°	1.4	1.6	1.7	1.7	1.7	1.7	1.7	2.1	2.4	2.8	3.2
60°	1.5	1.7	1.7	1.7	1.7	1.7	2.0	2.4	2.7	3.1	3.4
58.75°	1.5	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0	3.4	3.6
57.5°	1.6	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.5	3.7
56.25°	1.7	1.7	1.7	1.7	1.9	2.3	2.7	3.2	3.5	3.7	3.9
55°	1.7	1.7	1.7	1.7	2.1	2.5	3.0	3.4	3.6	3.9	4.1
53.75°	1.7	1.7	1.7	1.9	2.3	2.8	3.2	3.5	3.8	4.0	4.2
52.5°	1.7	1.7	1.7	2.1	2.5	3.0	3.4	3.6	3.9	4.2	4.2
51.25°	1.7	1.7	1.8	2.2	2.7	3.2	3.5	3.8	4.1	4.2	4.2
50°	1.7	1.7	1.9	2.4	2.9	3.4	3.6	3.9	4.2	4.2	4.2
48.75°	1.7	1.7	2.1	2.6	3.1	3.5	3.8	4.1	4.2	4.2	4.2
47.5°	1.7	1.7	2.3	2.8	3.3	3.6	3.9	4.2	4.2	4.2	4.2
46.25°	1.7	1.9	2.4	3.0	3.4	3.7	4.0	4.2	4.2	4.2	4.3
45°	1.7	2.0	2.6	3.2	3.5	3.8	4.1	4.2	4.2	4.2	4.4
43.75°	1.7	2.2	2.8	3.3	3.6	3.9	4.2	4.2	4.2	4.3	4.6
42.5°	1.8	2.3	2.9	3.4	3.7	4.1	4.2	4.2	4.2	4.4	4.7
41.25°	1.9	2.5	3.1	3.5	3.8	4.2	4.2	4.2	4.2	4.5	4.8
40°	2.0	2.6	3.2	3.6	3.9	4.2	4.2	4.2	4.4	4.6	4.9
38.75°	2.1	2.8	3.3	3.7	4.0	4.2	4.2	4.2	4.5	4.8	5.1
37.5°	2.3	2.9	3.4	3.8	4.1	4.2	4.2	4.3	4.6	4.9	5.2
36.25°	2.4	3.0	3.5	3.9	4.2	4.2	4.2	4.4	4.7	5.0	5.3
35°	2.5	3.1	3.6	3.9	4.2	4.2	4.2	4.4	4.8	5.1	5.4



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	4.0	4.2	4.2	4.2	4.5	4.9	5.2	5.5
32.5°	2.7	3.3	3.7	4.1	4.2	4.2	4.3	4.6	5.0	5.3	5.6
31.25°	2.8	3.4	3.8	4.2	4.2	4.2	4.4	4.7	5.0	5.4	5.7
30°	2.9	3.5	3.8	4.2	4.2	4.2	4.5	4.8	5.1	5.5	5.8
28.75°	3.0	3.5	3.9	4.2	4.2	4.2	4.5	4.9	5.2	5.6	5.8
27.5°	3.1	3.6	4.0	4.2	4.2	4.3	4.6	4.9	5.3	5.6	5.8
26.25°	3.2	3.6	4.0	4.2	4.2	4.3	4.7	5.0	5.4	5.7	5.8
25°	3.3	3.7	4.1	4.2	4.2	4.4	4.7	5.1	5.5	5.8	5.8
23.75°	3.3	3.7	4.1	4.2	4.2	4.4	4.8	5.2	5.5	5.8	5.8
22.5°	3.4	3.8	4.2	4.2	4.2	4.5	4.9	5.2	5.6	5.8	5.8
21.25°	3.4	3.8	4.2	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8
20°	3.4	3.9	4.2	4.2	4.2	4.6	5.0	5.3	5.7	5.8	5.8
18.75°	3.5	3.9	4.2	4.2	4.3	4.6	5.0	5.4	5.8	5.8	5.8
17.5°	3.5	3.9	4.2	4.2	4.3	4.7	5.1	5.4	5.8	5.8	5.8
16.25°	3.5	4.0	4.2	4.2	4.4	4.7	5.1	5.5	5.8	5.8	5.8
15°	3.6	4.0	4.2	4.2	4.4	4.8	5.2	5.5	5.8	5.8	5.8
13.75°	3.6	4.0	4.2	4.2	4.4	4.8	5.2	5.6	5.8	5.8	5.8
12.5°	3.6	4.1	4.2	4.2	4.5	4.8	5.2	5.6	5.8	5.8	5.8
11.25°	3.7	4.1	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
10°	3.7	4.1	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
8.75°	3.7	4.1	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
7.5°	3.7	4.2	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
6.25°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
5°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
3.75°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
2.5°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
1.25°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
0°	3.8	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
-1.25°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
-2.5°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
-3.75°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
-5°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
-6.25°	3.7	4.2	4.2	4.2	4.6	5.0	5.4	5.8	5.8	5.8	5.8
-7.5°	3.7	4.2	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
-8.75°	3.7	4.1	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
-10°	3.7	4.1	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
-11.25°	3.7	4.1	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8	5.8
-12.5°	3.6	4.1	4.2	4.2	4.5	4.8	5.2	5.6	5.8	5.8	5.8
-13.75°	3.6	4.0	4.2	4.2	4.4	4.8	5.2	5.6	5.8	5.8	5.8
-15°	3.6	4.0	4.2	4.2	4.4	4.8	5.2	5.5	5.8	5.8	5.8
-16.25°	3.5	4.0	4.2	4.2	4.4	4.7	5.1	5.5	5.8	5.8	5.8
-17.5°	3.5	3.9	4.2	4.2	4.3	4.7	5.1	5.4	5.8	5.8	5.8
-18.75°	3.5	3.9	4.2	4.2	4.3	4.6	5.0	5.4	5.8	5.8	5.8
-20°	3.4	3.9	4.2	4.2	4.2	4.6	5.0	5.3	5.7	5.8	5.8
-21.25°	3.4	3.8	4.2	4.2	4.2	4.5	4.9	5.3	5.7	5.8	5.8



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	3.8	4.2	4.2	4.2	4.5	4.9	5.2	5.6	5.8	5.8
-23.75°	3.3	3.7	4.1	4.2	4.2	4.4	4.8	5.2	5.5	5.8	5.8
-25°	3.3	3.7	4.1	4.2	4.2	4.4	4.7	5.1	5.5	5.8	5.8
-26.25°	3.2	3.6	4.0	4.2	4.2	4.3	4.7	5.0	5.4	5.7	5.8
-27.5°	3.1	3.6	4.0	4.2	4.2	4.3	4.6	4.9	5.3	5.6	5.8
-28.75°	3.0	3.5	3.9	4.2	4.2	4.2	4.5	4.9	5.2	5.6	5.8
-30°	2.9	3.5	3.8	4.2	4.2	4.2	4.5	4.8	5.1	5.5	5.8
-31.25°	2.8	3.4	3.8	4.2	4.2	4.2	4.4	4.7	5.0	5.4	5.7
-32.5°	2.7	3.3	3.7	4.1	4.2	4.2	4.3	4.6	5.0	5.3	5.6
-33.75°	2.6	3.3	3.6	4.0	4.2	4.2	4.2	4.5	4.9	5.2	5.5
-35°	2.5	3.1	3.6	3.9	4.2	4.2	4.2	4.4	4.8	5.1	5.4
-36.25°	2.4	3.0	3.5	3.9	4.2	4.2	4.2	4.4	4.7	5.0	5.3
-37.5°	2.3	2.9	3.4	3.8	4.1	4.2	4.2	4.3	4.6	4.9	5.2
-38.75°	2.1	2.8	3.3	3.7	4.0	4.2	4.2	4.2	4.5	4.8	5.1
-40°	2.0	2.6	3.2	3.6	3.9	4.2	4.2	4.2	4.4	4.6	4.9
-41.25°	1.9	2.5	3.1	3.5	3.8	4.2	4.2	4.2	4.2	4.5	4.8
-42.5°	1.8	2.3	2.9	3.4	3.7	4.1	4.2	4.2	4.2	4.4	4.7
-43.75°	1.7	2.2	2.8	3.3	3.6	3.9	4.2	4.2	4.2	4.3	4.6
-45°	1.7	2.0	2.6	3.2	3.5	3.8	4.1	4.2	4.2	4.2	4.4
-46.25°	1.7	1.9	2.4	3.0	3.4	3.7	4.0	4.2	4.2	4.2	4.3
-47.5°	1.7	1.7	2.3	2.8	3.3	3.6	3.9	4.2	4.2	4.2	4.2
-48.75°	1.7	1.7	2.1	2.6	3.1	3.5	3.8	4.1	4.2	4.2	4.2
-50°	1.7	1.7	1.9	2.4	2.9	3.4	3.6	3.9	4.2	4.2	4.2
-51.25°	1.7	1.7	1.8	2.2	2.7	3.2	3.5	3.8	4.1	4.2	4.2
-52.5°	1.7	1.7	1.7	2.1	2.5	3.0	3.4	3.6	3.9	4.2	4.2
-53.75°	1.7	1.7	1.7	1.9	2.3	2.8	3.2	3.5	3.8	4.0	4.2
-55°	1.7	1.7	1.7	1.7	2.1	2.5	3.0	3.4	3.6	3.9	4.1
-56.25°	1.7	1.7	1.7	1.7	1.9	2.3	2.7	3.2	3.5	3.7	3.9
-57.5°	1.6	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.5	3.7
-58.75°	1.5	1.7	1.7	1.7	1.7	1.8	2.2	2.6	3.0	3.4	3.6
-60°	1.5	1.7	1.7	1.7	1.7	1.7	2.0	2.4	2.7	3.1	3.4
-61.25°	1.4	1.6	1.7	1.7	1.7	1.7	1.7	2.1	2.4	2.8	3.2
-62.5°	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.8	2.2	2.5	2.8
-63.75°	1.2	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.2	2.5
-65°	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.2
-66.25°	1.0	1.2	1.3	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.9
-67.5°	0.9	1.0	1.2	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.7
-68.75°	0.8	0.9	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7
-70°	0.8	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.7	1.7	1.7
-71.25°	0.8	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.7	1.7	1.7
-72.5°	0.8	0.8	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.6	1.7
-73.75°	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6
-75°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.2	1.3	1.4
-76.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2
-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	1.0	1.0
80°	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3
78.75°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5	1.6
77.5°	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.7
76.25°	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7
75°	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
73.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9
72.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.2	2.4
71.25°	1.7	1.7	1.7	1.7	1.7	1.9	2.1	2.3	2.5	2.7	2.9
70°	1.7	1.7	1.7	1.8	2.1	2.3	2.5	2.8	3.0	3.2	3.4
68.75°	1.7	1.7	2.0	2.2	2.5	2.7	3.0	3.2	3.4	3.5	3.6
67.5°	1.8	2.1	2.4	2.6	2.9	3.2	3.4	3.5	3.6	3.8	3.9
66.25°	2.2	2.4	2.7	3.0	3.3	3.5	3.6	3.8	3.9	4.1	4.2
65°	2.5	2.8	3.1	3.4	3.5	3.7	3.9	4.0	4.2	4.2	4.2
63.75°	2.8	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.2	4.2	4.2
62.5°	3.2	3.4	3.6	3.8	4.0	4.2	4.2	4.2	4.2	4.2	4.2
61.25°	3.4	3.6	3.8	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.4
60°	3.6	3.8	4.0	4.2	4.2	4.2	4.2	4.2	4.3	4.4	4.6
58.75°	3.8	4.0	4.2	4.2	4.2	4.2	4.2	4.3	4.5	4.7	4.8
57.5°	4.0	4.2	4.2	4.2	4.2	4.2	4.3	4.5	4.7	4.9	5.1
56.25°	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.7	4.9	5.1	5.3
55°	4.2	4.2	4.2	4.2	4.3	4.5	4.7	4.9	5.1	5.3	5.5
53.75°	4.2	4.2	4.2	4.3	4.5	4.7	4.9	5.1	5.4	5.6	5.7
52.5°	4.2	4.2	4.3	4.5	4.7	4.9	5.1	5.4	5.6	5.8	5.8
51.25°	4.2	4.2	4.4	4.7	4.9	5.1	5.3	5.6	5.8	5.8	5.8
50°	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.7	5.8	5.8	5.8
48.75°	4.3	4.5	4.8	5.0	5.2	5.5	5.7	5.8	5.8	5.8	5.8
47.5°	4.4	4.7	4.9	5.2	5.4	5.7	5.8	5.8	5.8	5.8	5.8
46.25°	4.6	4.8	5.1	5.3	5.6	5.8	5.8	5.8	5.8	5.8	5.8
45°	4.7	5.0	5.2	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8
43.75°	4.8	5.1	5.4	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8
42.5°	5.0	5.2	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
41.25°	5.1	5.4	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
40°	5.2	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
38.75°	5.4	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
37.5°	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0
36.25°	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.2
35°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.1	6.4



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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°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.3	6.6
32.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.1	6.5	6.7
31.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.3	6.6	6.7
30°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.1	6.5	6.7	6.7
28.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.2	6.6	6.7	6.7
27.5°	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.7
26.25°	5.8	5.8	5.8	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.8
25°	5.8	5.8	5.8	5.8	5.8	5.9	6.3	6.7	6.7	6.7	6.9
23.75°	5.8	5.8	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.7	7.0
22.5°	5.8	5.8	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.8	7.2
21.25°	5.8	5.8	5.8	5.8	5.8	6.2	6.6	6.7	6.7	6.9	7.3
20°	5.8	5.8	5.8	5.8	5.9	6.3	6.7	6.7	6.7	7.0	7.4
18.75°	5.8	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.8	7.1	7.5
17.5°	5.8	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.9	7.2	7.6
16.25°	5.8	5.8	5.8	5.8	6.2	6.6	6.7	6.7	6.9	7.3	7.7
15°	5.8	5.8	5.8	5.8	6.3	6.7	6.7	6.7	7.0	7.4	7.8
13.75°	5.8	5.8	5.8	5.9	6.3	6.7	6.7	6.7	7.1	7.5	7.9
12.5°	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.8	7.2	7.6	7.9
11.25°	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.8	7.2	7.6	8.0
10°	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.9	7.3	7.7	8.1
8.75°	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.9	7.3	7.7	8.1
7.5°	5.8	5.8	5.8	6.1	6.6	6.7	6.7	7.0	7.4	7.8	8.2
6.25°	5.8	5.8	5.8	6.2	6.6	6.7	6.7	7.0	7.4	7.8	8.2
5°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.0	7.4	7.8	8.2
3.75°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.1	7.5	7.9	8.3
2.5°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.1	7.5	7.9	8.3
1.25°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.1	7.5	7.9	8.3
0°	5.8	5.8	5.8	6.3	6.7	6.7	6.7	7.1	7.5	7.9	8.3
-1.25°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.1	7.5	7.9	8.3
-2.5°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.1	7.5	7.9	8.3
-3.75°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.1	7.5	7.9	8.3
-5°	5.8	5.8	5.8	6.2	6.7	6.7	6.7	7.0	7.4	7.8	8.2
-6.25°	5.8	5.8	5.8	6.2	6.6	6.7	6.7	7.0	7.4	7.8	8.2
-7.5°	5.8	5.8	5.8	6.1	6.6	6.7	6.7	7.0	7.4	7.8	8.2
-8.75°	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.9	7.3	7.7	8.1
-10°	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.9	7.3	7.7	8.1
-11.25°	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.8	7.2	7.6	8.0
-12.5°	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.8	7.2	7.6	7.9
-13.75°	5.8	5.8	5.8	5.9	6.3	6.7	6.7	6.7	7.1	7.5	7.9
-15°	5.8	5.8	5.8	5.8	6.3	6.7	6.7	6.7	7.0	7.4	7.8
-16.25°	5.8	5.8	5.8	5.8	6.2	6.6	6.7	6.7	6.9	7.3	7.7
-17.5°	5.8	5.8	5.8	5.8	6.1	6.5	6.7	6.7	6.9	7.2	7.6
-18.75°	5.8	5.8	5.8	5.8	6.0	6.4	6.7	6.7	6.8	7.1	7.5
-20°	5.8	5.8	5.8	5.8	5.9	6.3	6.7	6.7	6.7	7.0	7.4
-21.25°	5.8	5.8	5.8	5.8	5.8	6.2	6.6	6.7	6.7	6.9	7.3



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



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.2	1.2	1.3	1.4	1.5	1.5	1.6
-80°	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3
-81.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.1	1.1	1.1	1.2
81.25°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
80°	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7
78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
76.25°	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.0	2.1	2.3	2.4
75°	1.7	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0
73.75°	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.3	3.4	3.5
72.5°	2.6	2.8	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
71.25°	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
70°	3.5	3.6	3.7	3.8	3.9	4.1	4.2	4.2	4.2	4.2	4.2
68.75°	3.8	3.9	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.4
66.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.6	4.7
65°	4.2	4.2	4.2	4.2	4.3	4.4	4.5	4.6	4.8	4.9	5.0
63.75°	4.2	4.2	4.3	4.4	4.6	4.7	4.8	4.9	5.1	5.2	5.3
62.5°	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.6
61.25°	4.5	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.7	5.8	5.8
60°	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.8	5.8	5.8
58.75°	5.0	5.2	5.3	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.2	5.4	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
56.25°	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
55°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
53.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
52.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
51.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9
50°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.2
48.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.4	6.6
47.5°	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.2	6.4	6.7	6.7
46.25°	5.8	5.8	5.8	5.8	5.8	6.0	6.3	6.5	6.7	6.7	6.7
45°	5.8	5.8	5.8	5.8	6.1	6.3	6.6	6.7	6.7	6.7	6.7
43.75°	5.8	5.8	5.8	6.1	6.3	6.6	6.7	6.7	6.7	6.7	6.9
42.5°	5.8	5.8	6.0	6.3	6.6	6.7	6.7	6.7	6.7	7.0	7.2
41.25°	5.8	6.0	6.3	6.6	6.7	6.7	6.7	6.8	7.0	7.2	7.4
40°	5.9	6.2	6.5	6.7	6.7	6.7	6.8	7.0	7.2	7.5	7.7
38.75°	6.1	6.4	6.7	6.7	6.7	6.7	7.0	7.2	7.5	7.7	8.0
37.5°	6.4	6.7	6.7	6.7	6.7	7.0	7.2	7.5	7.7	8.0	8.2
36.25°	6.6	6.7	6.7	6.7	6.9	7.2	7.4	7.7	8.0	8.2	8.9
35°	6.7	6.7	6.7	6.8	7.1	7.4	7.7	7.9	8.2	8.8	9.6



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	6.7	6.7	6.7	7.0	7.3	7.6	7.9	8.2	8.7	9.6	10.4
32.5°	6.7	6.7	6.9	7.2	7.5	7.8	8.1	8.5	9.4	10.3	11.2
31.25°	6.7	6.8	7.1	7.4	7.7	8.0	8.3	9.2	10.1	11.0	11.9
30°	6.7	7.0	7.3	7.6	7.9	8.2	8.9	9.9	10.8	11.7	12.6
28.75°	6.8	7.1	7.4	7.8	8.1	8.6	9.5	10.5	11.4	12.4	13.3
27.5°	7.0	7.3	7.6	7.9	8.3	9.1	10.1	11.1	12.1	13.0	14.2
26.25°	7.1	7.4	7.8	8.1	8.7	9.7	10.7	11.7	12.7	13.8	15.1
25°	7.2	7.6	7.9	8.3	9.2	10.2	11.3	12.3	13.3	14.6	16.0
23.75°	7.4	7.7	8.1	8.6	9.7	10.7	11.8	12.8	14.0	15.4	16.8
22.5°	7.5	7.9	8.2	9.1	10.2	11.2	12.3	13.4	14.8	16.2	18.0
21.25°	7.6	8.0	8.4	9.5	10.6	11.7	12.8	14.1	15.5	17.1	19.2
20°	7.8	8.1	8.8	9.9	11.0	12.2	13.3	14.7	16.2	18.1	20.2
18.75°	7.9	8.2	9.2	10.3	11.5	12.6	13.8	15.3	16.9	19.1	21.3
17.5°	8.0	8.4	9.6	10.7	11.8	13.0	14.4	15.9	17.8	20.0	22.9
16.25°	8.1	8.7	9.9	11.1	12.2	13.4	14.9	16.5	18.7	20.9	24.9
15°	8.2	9.0	10.2	11.4	12.5	13.9	15.4	17.2	19.5	21.8	26.7
13.75°	8.2	9.3	10.5	11.7	12.9	14.3	15.9	17.9	20.2	23.5	28.5
12.5°	8.4	9.6	10.8	12.0	13.1	14.7	16.3	18.5	20.9	25.0	30.1
11.25°	8.6	9.8	11.0	12.2	13.5	15.1	16.7	19.1	21.5	26.4	31.5
10°	8.8	10.0	11.2	12.4	13.8	15.4	17.2	19.6	22.5	27.7	33.3
8.75°	9.0	10.2	11.4	12.6	14.1	15.7	17.7	20.1	23.5	28.8	36.1
7.5°	9.1	10.4	11.6	12.8	14.3	16.0	18.1	20.5	24.5	29.8	38.6
6.25°	9.3	10.5	11.7	13.0	14.5	16.2	18.4	20.9	25.3	30.6	40.6
5°	9.4	10.6	11.8	13.1	14.7	16.4	18.7	21.2	25.9	31.3	42.3
3.75°	9.4	10.7	11.9	13.2	14.8	16.5	18.9	21.4	26.4	31.8	43.7
2.5°	9.5	10.8	12.0	13.2	14.9	16.6	19.1	21.6	26.8	32.2	44.6
1.25°	9.5	10.8	12.0	13.3	15.0	16.7	19.2	21.7	27.0	32.4	45.2
0°	9.6	10.8	12.1	13.3	15.0	16.7	19.2	21.7	27.1	32.5	45.4
-1.25°	9.5	10.8	12.0	13.3	15.0	16.7	19.2	21.7	27.0	32.4	45.2
-2.5°	9.5	10.8	12.0	13.2	14.9	16.6	19.1	21.6	26.8	32.2	44.6
-3.75°	9.4	10.7	11.9	13.2	14.8	16.5	18.9	21.4	26.4	31.8	43.7
-5°	9.4	10.6	11.8	13.1	14.7	16.4	18.7	21.2	25.9	31.3	42.3
-6.25°	9.3	10.5	11.7	13.0	14.5	16.2	18.4	20.9	25.3	30.6	40.6
-7.5°	9.1	10.4	11.6	12.8	14.3	16.0	18.1	20.5	24.5	29.8	38.6
-8.75°	9.0	10.2	11.4	12.6	14.1	15.7	17.7	20.1	23.5	28.8	36.1
-10°	8.8	10.0	11.2	12.4	13.8	15.4	17.2	19.6	22.5	27.7	33.3
-11.25°	8.6	9.8	11.0	12.2	13.5	15.1	16.7	19.1	21.5	26.4	31.5
-12.5°	8.4	9.6	10.8	12.0	13.1	14.7	16.3	18.5	20.9	25.0	30.1
-13.75°	8.2	9.3	10.5	11.7	12.9	14.3	15.9	17.9	20.2	23.5	28.5
-15°	8.2	9.0	10.2	11.4	12.5	13.9	15.4	17.2	19.5	21.8	26.7
-16.25°	8.1	8.7	9.9	11.1	12.2	13.4	14.9	16.5	18.7	20.9	24.9
-17.5°	8.0	8.4	9.6	10.7	11.8	13.0	14.4	15.9	17.8	20.0	22.9
-18.75°	7.9	8.2	9.2	10.3	11.5	12.6	13.8	15.3	16.9	19.1	21.3
-20°	7.8	8.1	8.8	9.9	11.0	12.2	13.3	14.7	16.2	18.1	20.2
-21.25°	7.6	8.0	8.4	9.5	10.6	11.7	12.8	14.1	15.5	17.1	19.2



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	7.5	7.9	8.2	9.1	10.2	11.2	12.3	13.4	14.8	16.2	18.0
-23.75°	7.4	7.7	8.1	8.6	9.7	10.7	11.8	12.8	14.0	15.4	16.8
-25°	7.2	7.6	7.9	8.3	9.2	10.2	11.3	12.3	13.3	14.6	16.0
-26.25°	7.1	7.4	7.8	8.1	8.7	9.7	10.7	11.7	12.7	13.8	15.1
-27.5°	7.0	7.3	7.6	7.9	8.3	9.1	10.1	11.1	12.1	13.0	14.2
-28.75°	6.8	7.1	7.4	7.8	8.1	8.6	9.5	10.5	11.4	12.4	13.3
-30°	6.7	7.0	7.3	7.6	7.9	8.2	8.9	9.9	10.8	11.7	12.6
-31.25°	6.7	6.8	7.1	7.4	7.7	8.0	8.3	9.2	10.1	11.0	11.9
-32.5°	6.7	6.7	6.9	7.2	7.5	7.8	8.1	8.5	9.4	10.3	11.2
-33.75°	6.7	6.7	6.7	7.0	7.3	7.6	7.9	8.2	8.7	9.6	10.4
-35°	6.7	6.7	6.7	6.8	7.1	7.4	7.7	7.9	8.2	8.8	9.6
-36.25°	6.6	6.7	6.7	6.7	6.9	7.2	7.4	7.7	8.0	8.2	8.9
-37.5°	6.4	6.7	6.7	6.7	6.7	7.0	7.2	7.5	7.7	8.0	8.2
-38.75°	6.1	6.4	6.7	6.7	6.7	6.7	7.0	7.2	7.5	7.7	8.0
-40°	5.9	6.2	6.5	6.7	6.7	6.7	6.8	7.0	7.2	7.5	7.7
-41.25°	5.8	6.0	6.3	6.6	6.7	6.7	6.7	6.8	7.0	7.2	7.4
-42.5°	5.8	5.8	6.0	6.3	6.6	6.7	6.7	6.7	6.7	7.0	7.2
-43.75°	5.8	5.8	5.8	6.1	6.3	6.6	6.7	6.7	6.7	6.7	6.9
-45°	5.8	5.8	5.8	5.8	6.1	6.3	6.6	6.7	6.7	6.7	6.7
-46.25°	5.8	5.8	5.8	5.8	5.8	6.0	6.3	6.5	6.7	6.7	6.7
-47.5°	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.2	6.4	6.7	6.7
-48.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.4	6.6
-50°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.2
-51.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9
-52.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-53.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-55°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-56.25°	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-57.5°	5.2	5.4	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-58.75°	5.0	5.2	5.3	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.8
-60°	4.8	4.9	5.1	5.2	5.4	5.5	5.7	5.8	5.8	5.8	5.8
-61.25°	4.5	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.7	5.8	5.8
-62.5°	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.6
-63.75°	4.2	4.2	4.3	4.4	4.6	4.7	4.8	4.9	5.1	5.2	5.3
-65°	4.2	4.2	4.2	4.2	4.3	4.4	4.5	4.6	4.8	4.9	5.0
-66.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.6	4.7
-67.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.4
-68.75°	3.8	3.9	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-70°	3.5	3.6	3.7	3.8	3.9	4.1	4.2	4.2	4.2	4.2	4.2
-71.25°	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
-72.5°	2.6	2.8	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
-73.75°	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.3	3.4	3.5
-75°	1.7	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.0
-76.25°	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.0	2.1	2.3	2.4
-77.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-80°	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7
-81.25°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
-82.5°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-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-LED4097-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	1.1	1.1
82.5°	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5
81.25°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.9
77.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7
76.25°	2.5	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	3.5	3.5	3.6	3.6	3.7	3.7	3.8
73.75°	3.6	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2
72.5°	3.9	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
71.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.5
68.75°	4.2	4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9
67.5°	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.2	5.2
66.25°	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.5	5.6
65°	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.8
63.75°	5.4	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
56.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1
55°	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.3	6.4	6.5
53.75°	5.8	5.8	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.7	6.7
52.5°	5.8	5.9	6.1	6.3	6.5	6.6	6.7	6.7	6.7	6.7	6.7
51.25°	6.1	6.3	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.8
50°	6.4	6.6	6.7	6.7	6.7	6.7	6.7	6.8	6.9	7.0	7.2
48.75°	6.7	6.7	6.7	6.7	6.7	6.8	7.0	7.1	7.2	7.4	7.5
47.5°	6.7	6.7	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.9
46.25°	6.7	6.7	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.2
45°	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.6	9.1
43.75°	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.7	9.2	9.7	10.2
42.5°	7.4	7.6	7.8	8.0	8.2	8.6	9.1	9.7	10.2	10.7	11.2
41.25°	7.7	7.9	8.1	8.3	8.9	9.5	10.1	10.7	11.3	11.8	12.3
40°	7.9	8.2	8.5	9.2	9.9	10.5	11.1	11.7	12.3	12.8	13.4
38.75°	8.2	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	14.0	14.8
37.5°	8.8	9.6	10.3	11.0	11.7	12.4	13.0	13.8	14.6	15.4	16.2
36.25°	9.6	10.4	11.2	11.9	12.6	13.3	14.2	15.1	16.0	16.8	18.0
35°	10.4	11.2	12.0	12.8	13.6	14.5	15.5	16.4	17.6	18.8	20.1



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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°	11.2	12.0	12.8	13.7	14.7	15.7	16.7	18.1	19.5	20.8	22.5
32.5°	12.0	12.8	13.8	14.8	15.9	17.1	18.6	20.0	21.4	24.0	26.8
31.25°	12.8	13.7	14.8	16.0	17.2	18.8	20.3	22.0	25.1	28.1	31.1
30°	13.6	14.7	15.9	17.2	18.9	20.5	22.5	25.9	29.1	32.2	39.1
28.75°	14.5	15.7	17.1	18.8	20.5	22.7	26.2	29.7	33.7	41.5	49.0
27.5°	15.5	16.7	18.6	20.3	22.5	26.2	29.8	34.6	42.9	50.9	58.6
26.25°	16.4	18.1	20.0	22.0	25.9	29.7	34.6	43.3	51.8	60.1	67.9
25°	17.6	19.5	21.4	25.1	29.1	33.7	42.9	51.8	60.5	68.8	76.9
23.75°	18.8	20.8	24.0	28.1	32.2	41.5	50.9	60.1	68.8	77.4	86.3
22.5°	20.1	22.5	26.8	31.1	39.1	49.0	58.6	67.9	76.9	86.3	96.9
21.25°	21.2	25.2	29.6	35.8	46.1	56.2	65.9	75.4	85.0	96.2	107.2
20°	23.1	27.7	32.2	42.3	52.8	63.0	72.9	82.7	94.3	105.8	117.8
18.75°	25.4	30.1	37.7	48.5	59.2	69.5	79.6	91.1	103.2	115.3	129.6
17.5°	27.6	32.4	43.3	54.4	65.1	75.7	86.7	99.3	111.8	126.1	142.1
16.25°	29.7	37.3	48.7	59.9	70.8	81.5	94.2	107.1	121.2	137.3	154.9
15°	31.6	42.1	53.7	65.0	76.0	87.9	101.3	114.6	130.7	148.4	167.8
13.75°	34.8	46.6	58.4	69.7	81.0	94.2	107.9	123.0	140.5	159.7	181.1
12.5°	38.7	50.7	62.6	74.1	86.1	100.1	114.0	131.1	150.0	171.0	195.1
11.25°	42.4	54.5	66.4	78.1	91.2	105.5	120.9	139.1	159.2	182.0	208.5
10°	45.7	58.0	69.9	81.7	95.9	110.4	127.2	146.5	168.1	193.2	223.3
8.75°	48.6	60.9	73.0	85.4	100.1	115.0	133.2	153.6	176.7	203.7	236.7
7.5°	51.1	63.5	75.7	88.9	103.8	119.6	138.7	159.9	184.2	213.8	248.5
6.25°	53.3	65.7	78.0	91.8	106.9	123.6	143.3	165.5	191.7	223.4	258.7
5°	55.1	67.6	79.9	94.3	109.5	126.9	147.3	170.6	197.9	231.4	267.1
3.75°	56.5	69.0	81.4	96.2	111.5	129.6	150.7	174.5	202.8	237.6	273.8
2.5°	57.5	70.0	82.4	97.6	112.9	131.6	153.0	177.4	206.3	242.1	278.6
1.25°	58.1	70.6	83.1	98.4	113.8	132.9	154.5	179.1	208.4	244.8	281.4
0°	58.3	70.8	83.3	98.7	114.1	133.3	155.0	179.7	209.1	245.8	282.4
-1.25°	58.1	70.6	83.1	98.4	113.8	132.9	154.5	179.1	208.4	244.8	281.4
-2.5°	57.5	70.0	82.4	97.6	112.9	131.6	153.0	177.4	206.3	242.1	278.6
-3.75°	56.5	69.0	81.4	96.2	111.5	129.6	150.7	174.5	202.8	237.6	273.8
-5°	55.1	67.6	79.9	94.3	109.5	126.9	147.3	170.6	197.9	231.4	267.1
-6.25°	53.3	65.7	78.0	91.8	106.9	123.6	143.3	165.5	191.7	223.4	258.7
-7.5°	51.1	63.5	75.7	88.9	103.8	119.6	138.7	159.9	184.2	213.8	248.5
-8.75°	48.6	60.9	73.0	85.4	100.1	115.0	133.2	153.6	176.7	203.7	236.7
-10°	45.7	58.0	69.9	81.7	95.9	110.4	127.2	146.5	168.1	193.2	223.3
-11.25°	42.4	54.5	66.4	78.1	91.2	105.5	120.9	139.1	159.2	182.0	208.5
-12.5°	38.7	50.7	62.6	74.1	86.1	100.1	114.0	131.1	150.0	171.0	195.1
-13.75°	34.8	46.6	58.4	69.7	81.0	94.2	107.9	123.0	140.5	159.7	181.1
-15°	31.6	42.1	53.7	65.0	76.0	87.9	101.3	114.6	130.7	148.4	167.8
-16.25°	29.7	37.3	48.7	59.9	70.8	81.5	94.2	107.1	121.2	137.3	154.9
-17.5°	27.6	32.4	43.3	54.4	65.1	75.7	86.7	99.3	111.8	126.1	142.1
-18.75°	25.4	30.1	37.7	48.5	59.2	69.5	79.6	91.1	103.2	115.3	129.6
-20°	23.1	27.7	32.2	42.3	52.8	63.0	72.9	82.7	94.3	105.8	117.8
-21.25°	21.2	25.2	29.6	35.8	46.1	56.2	65.9	75.4	85.0	96.2	107.2



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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°
-22.5°	20.1	22.5	26.8	31.1	39.1	49.0	58.6	67.9	76.9	86.3	96.9
-23.75°	18.8	20.8	24.0	28.1	32.2	41.5	50.9	60.1	68.8	77.4	86.3
-25°	17.6	19.5	21.4	25.1	29.1	33.7	42.9	51.8	60.5	68.8	76.9
-26.25°	16.4	18.1	20.0	22.0	25.9	29.7	34.6	43.3	51.8	60.1	67.9
-27.5°	15.5	16.7	18.6	20.3	22.5	26.2	29.8	34.6	42.9	50.9	58.6
-28.75°	14.5	15.7	17.1	18.8	20.5	22.7	26.2	29.7	33.7	41.5	49.0
-30°	13.6	14.7	15.9	17.2	18.9	20.5	22.5	25.9	29.1	32.2	39.1
-31.25°	12.8	13.7	14.8	16.0	17.2	18.8	20.3	22.0	25.1	28.1	31.1
-32.5°	12.0	12.8	13.8	14.8	15.9	17.1	18.6	20.0	21.4	24.0	26.8
-33.75°	11.2	12.0	12.8	13.7	14.7	15.7	16.7	18.1	19.5	20.8	22.5
-35°	10.4	11.2	12.0	12.8	13.6	14.5	15.5	16.4	17.6	18.8	20.1
-36.25°	9.6	10.4	11.2	11.9	12.6	13.3	14.2	15.1	16.0	16.8	18.0
-37.5°	8.8	9.6	10.3	11.0	11.7	12.4	13.0	13.8	14.6	15.4	16.2
-38.75°	8.2	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	14.0	14.8
-40°	7.9	8.2	8.5	9.2	9.9	10.5	11.1	11.7	12.3	12.8	13.4
-41.25°	7.7	7.9	8.1	8.3	8.9	9.5	10.1	10.7	11.3	11.8	12.3
-42.5°	7.4	7.6	7.8	8.0	8.2	8.6	9.1	9.7	10.2	10.7	11.2
-43.75°	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.7	9.2	9.7	10.2
-45°	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.6	9.1
-46.25°	6.7	6.7	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.2
-47.5°	6.7	6.7	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.9
-48.75°	6.7	6.7	6.7	6.7	6.7	6.8	7.0	7.1	7.2	7.4	7.5
-50°	6.4	6.6	6.7	6.7	6.7	6.7	6.7	6.8	6.9	7.0	7.2
-51.25°	6.1	6.3	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.8
-52.5°	5.8	5.9	6.1	6.3	6.5	6.6	6.7	6.7	6.7	6.7	6.7
-53.75°	5.8	5.8	5.8	5.9	6.1	6.2	6.4	6.5	6.7	6.7	6.7
-55°	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.3	6.4	6.5
-56.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1
-57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-62.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-63.75°	5.4	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-65°	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.8	5.8
-66.25°	4.8	4.9	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.5	5.6
-67.5°	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.2	5.2
-68.75°	4.2	4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.9
-70°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.5
-71.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-72.5°	3.9	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-73.75°	3.6	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2
-75°	3.1	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8
-76.25°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4
-77.5°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7



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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°
-78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.9
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5
-83.75°	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-86.25°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-87.5°	0.7	0.7	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



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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°
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	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
77.5°	2.7	2.8	2.9	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	3.6	3.6	3.6	3.7	3.7	3.7
75°	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
73.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
71.25°	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5
70°	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9
68.75°	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3
67.5°	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.7
66.25°	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.1	6.1
57.5°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5
56.25°	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7
55°	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
53.75°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.9	6.9
52.5°	6.7	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2	7.3	7.3
51.25°	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.7
50°	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.1
48.75°	7.6	7.8	7.9	8.0	8.1	8.2	8.2	8.4	8.6	8.8	9.0
47.5°	8.0	8.1	8.2	8.4	8.7	9.0	9.3	9.6	9.8	10.0	10.2
46.25°	8.4	8.8	9.2	9.6	9.9	10.2	10.5	10.8	11.0	11.2	11.4
45°	9.5	9.9	10.3	10.7	11.1	11.4	11.7	12.0	12.2	12.4	12.6
43.75°	10.6	11.0	11.5	11.8	12.2	12.5	12.9	13.1	13.5	13.8	14.1
42.5°	11.7	12.2	12.6	13.0	13.4	13.9	14.3	14.7	15.1	15.4	15.7
41.25°	12.8	13.3	13.8	14.4	14.9	15.4	15.9	16.3	16.7	17.2	17.7
40°	14.1	14.7	15.3	15.9	16.5	17.2	17.9	18.5	19.1	19.6	20.1
38.75°	15.5	16.2	16.9	17.8	18.7	19.5	20.2	20.9	21.5	22.5	23.5
37.5°	17.1	18.1	19.1	20.0	20.9	21.8	23.5	25.0	26.4	27.7	28.8
36.25°	19.2	20.2	21.3	22.9	24.9	26.7	28.5	30.1	31.5	33.3	36.1
35°	21.2	23.1	25.4	27.6	29.7	31.6	34.8	38.7	42.4	45.7	48.6



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	25.2	27.7	30.1	32.4	37.3	42.1	46.6	50.7	54.5	58.0	60.9
32.5°	29.6	32.2	37.7	43.3	48.7	53.7	58.4	62.6	66.4	69.9	73.0
31.25°	35.8	42.3	48.5	54.4	59.9	65.0	69.7	74.1	78.1	81.7	85.4
30°	46.1	52.8	59.2	65.1	70.8	76.0	81.0	86.1	91.2	95.9	100.1
28.75°	56.2	63.0	69.5	75.7	81.5	87.9	94.2	100.1	105.5	110.4	115.0
27.5°	65.9	72.9	79.6	86.7	94.2	101.3	107.9	114.0	120.9	127.2	133.2
26.25°	75.4	82.7	91.1	99.3	107.1	114.6	123.0	131.1	139.1	146.5	153.6
25°	85.0	94.3	103.2	111.8	121.2	130.7	140.5	150.0	159.2	168.1	176.7
23.75°	96.2	105.8	115.3	126.1	137.3	148.4	159.7	171.0	182.0	193.2	203.7
22.5°	107.2	117.8	129.6	142.1	154.9	167.8	181.1	195.1	208.5	223.3	236.7
21.25°	118.6	131.4	145.0	159.2	174.1	189.5	205.8	223.6	240.7	256.4	270.6
20°	131.4	146.0	161.4	177.9	195.6	214.5	235.2	254.6	272.6	291.8	312.5
18.75°	145.0	161.4	179.2	198.7	220.3	243.1	264.7	286.1	312.4	336.7	358.6
17.5°	159.2	177.9	198.7	222.2	247.0	270.8	297.8	327.5	355.2	380.8	413.0
16.25°	174.1	195.6	220.3	247.0	272.9	303.7	336.6	367.8	402.8	441.8	492.4
15°	189.5	214.5	243.1	270.8	303.7	339.7	374.2	417.1	469.7	530.2	611.3
13.75°	205.8	235.2	264.7	297.8	336.6	374.2	421.9	484.0	563.6	661.0	791.9
12.5°	223.6	254.6	286.1	327.5	367.8	417.1	484.0	574.8	696.6	850.6	1042.3
11.25°	240.7	272.6	312.4	355.2	402.8	469.7	563.6	696.6	876.4	1096.5	1352.4
10°	256.4	291.8	336.7	380.8	441.8	530.2	661.0	850.6	1096.5	1388.5	1693.5
8.75°	270.6	312.5	358.6	413.0	492.4	611.3	791.9	1042.3	1352.4	1693.5	2029.2
7.5°	283.3	330.9	378.1	443.0	543.8	701.3	936.1	1245.7	1607.6	1982.1	2334.8
6.25°	298.3	346.8	399.8	479.9	603.1	797.6	1078.4	1440.0	1843.5	2238.9	2599.1
5°	310.7	360.0	420.1	510.8	654.0	893.3	1223.8	1624.3	2048.6	2454.2	2817.0
3.75°	320.5	370.4	436.1	540.1	713.8	981.9	1344.2	1772.5	2212.2	2620.3	2984.1
2.5°	327.5	377.9	449.9	566.7	757.2	1046.4	1433.4	1883.0	2329.3	2740.1	3108.3
1.25°	331.8	382.5	459.9	582.8	783.6	1085.6	1493.8	1950.8	2401.2	2814.1	3182.6
0°	333.2	384.0	463.2	588.2	792.4	1098.8	1514.1	1973.6	2425.5	2839.1	3207.2
-1.25°	331.8	382.5	459.9	582.8	783.6	1085.6	1493.8	1950.8	2401.2	2814.1	3182.6
-2.5°	327.5	377.9	449.9	566.7	757.2	1046.4	1433.4	1883.0	2329.3	2740.1	3108.3
-3.75°	320.5	370.4	436.1	540.1	713.8	981.9	1344.2	1772.5	2212.2	2620.3	2984.1
-5°	310.7	360.0	420.1	510.8	654.0	893.3	1223.8	1624.3	2048.6	2454.2	2817.0
-6.25°	298.3	346.8	399.8	479.9	603.1	797.6	1078.4	1440.0	1843.5	2238.9	2599.1
-7.5°	283.3	330.9	378.1	443.0	543.8	701.3	936.1	1245.7	1607.6	1982.1	2334.8
-8.75°	270.6	312.5	358.6	413.0	492.4	611.3	791.9	1042.3	1352.4	1693.5	2029.2
-10°	256.4	291.8	336.7	380.8	441.8	530.2	661.0	850.6	1096.5	1388.5	1693.5
-11.25°	240.7	272.6	312.4	355.2	402.8	469.7	563.6	696.6	876.4	1096.5	1352.4
-12.5°	223.6	254.6	286.1	327.5	367.8	417.1	484.0	574.8	696.6	850.6	1042.3
-13.75°	205.8	235.2	264.7	297.8	336.6	374.2	421.9	484.0	563.6	661.0	791.9
-15°	189.5	214.5	243.1	270.8	303.7	339.7	374.2	417.1	469.7	530.2	611.3
-16.25°	174.1	195.6	220.3	247.0	272.9	303.7	336.6	367.8	402.8	441.8	492.4
-17.5°	159.2	177.9	198.7	222.2	247.0	270.8	297.8	327.5	355.2	380.8	413.0
-18.75°	145.0	161.4	179.2	198.7	220.3	243.1	264.7	286.1	312.4	336.7	358.6
-20°	131.4	146.0	161.4	177.9	195.6	214.5	235.2	254.6	272.6	291.8	312.5
-21.25°	118.6	131.4	145.0	159.2	174.1	189.5	205.8	223.6	240.7	256.4	270.6



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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°	107.2	117.8	129.6	142.1	154.9	167.8	181.1	195.1	208.5	223.3	236.7
-23.75°	96.2	105.8	115.3	126.1	137.3	148.4	159.7	171.0	182.0	193.2	203.7
-25°	85.0	94.3	103.2	111.8	121.2	130.7	140.5	150.0	159.2	168.1	176.7
-26.25°	75.4	82.7	91.1	99.3	107.1	114.6	123.0	131.1	139.1	146.5	153.6
-27.5°	65.9	72.9	79.6	86.7	94.2	101.3	107.9	114.0	120.9	127.2	133.2
-28.75°	56.2	63.0	69.5	75.7	81.5	87.9	94.2	100.1	105.5	110.4	115.0
-30°	46.1	52.8	59.2	65.1	70.8	76.0	81.0	86.1	91.2	95.9	100.1
-31.25°	35.8	42.3	48.5	54.4	59.9	65.0	69.7	74.1	78.1	81.7	85.4
-32.5°	29.6	32.2	37.7	43.3	48.7	53.7	58.4	62.6	66.4	69.9	73.0
-33.75°	25.2	27.7	30.1	32.4	37.3	42.1	46.6	50.7	54.5	58.0	60.9
-35°	21.2	23.1	25.4	27.6	29.7	31.6	34.8	38.7	42.4	45.7	48.6
-36.25°	19.2	20.2	21.3	22.9	24.9	26.7	28.5	30.1	31.5	33.3	36.1
-37.5°	17.1	18.1	19.1	20.0	20.9	21.8	23.5	25.0	26.4	27.7	28.8
-38.75°	15.5	16.2	16.9	17.8	18.7	19.5	20.2	20.9	21.5	22.5	23.5
-40°	14.1	14.7	15.3	15.9	16.5	17.2	17.9	18.5	19.1	19.6	20.1
-41.25°	12.8	13.3	13.8	14.4	14.9	15.4	15.9	16.3	16.7	17.2	17.7
-42.5°	11.7	12.2	12.6	13.0	13.4	13.9	14.3	14.7	15.1	15.4	15.7
-43.75°	10.6	11.0	11.5	11.8	12.2	12.5	12.9	13.1	13.5	13.8	14.1
-45°	9.5	9.9	10.3	10.7	11.1	11.4	11.7	12.0	12.2	12.4	12.6
-46.25°	8.4	8.8	9.2	9.6	9.9	10.2	10.5	10.8	11.0	11.2	11.4
-47.5°	8.0	8.1	8.2	8.4	8.7	9.0	9.3	9.6	9.8	10.0	10.2
-48.75°	7.6	7.8	7.9	8.0	8.1	8.2	8.2	8.4	8.6	8.8	9.0
-50°	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.1
-51.25°	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.7
-52.5°	6.7	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2	7.3	7.3
-53.75°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.9	6.9
-55°	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
-56.25°	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7
-57.5°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.4	6.5	6.5
-58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.1	6.1
-60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-66.25°	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-67.5°	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.7
-68.75°	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3
-70°	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9
-71.25°	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5
-72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-73.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-75°	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
-76.25°	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7
-77.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
-83.75°	1.1	1.1	1.1	1.1	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°	0.7	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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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	1.3	1.2	1.2	1.2	1.2
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
77.5°	3.2	3.3	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	3.8	3.7	3.7	3.7	3.7
75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
73.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
71.25°	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
70°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
68.75°	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
67.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
66.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
58.75°	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
57.5°	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
56.25°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
55°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
53.75°	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0
52.5°	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4
51.25°	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8
50°	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2
48.75°	9.1	9.3	9.4	9.4	9.5	9.5	9.6	9.5	9.5	9.4	9.4
47.5°	10.4	10.5	10.6	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.6
46.25°	11.6	11.7	11.8	11.9	12.0	12.0	12.1	12.0	12.0	11.9	11.8
45°	12.8	13.0	13.1	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.1
43.75°	14.3	14.5	14.7	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.7
42.5°	16.0	16.2	16.4	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4
41.25°	18.1	18.4	18.7	18.9	19.1	19.2	19.2	19.2	19.1	18.9	18.7
40°	20.5	20.9	21.2	21.4	21.6	21.7	21.7	21.7	21.6	21.4	21.2
38.75°	24.5	25.3	25.9	26.4	26.8	27.0	27.1	27.0	26.8	26.4	25.9
37.5°	29.8	30.6	31.3	31.8	32.2	32.4	32.5	32.4	32.2	31.8	31.3
36.25°	38.6	40.6	42.3	43.7	44.6	45.2	45.4	45.2	44.6	43.7	42.3
35°	51.1	53.3	55.1	56.5	57.5	58.1	58.3	58.1	57.5	56.5	55.1

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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	63.5	65.7	67.6	69.0	70.0	70.6	70.8	70.6	70.0	69.0	67.6
32.5°	75.7	78.0	79.9	81.4	82.4	83.1	83.3	83.1	82.4	81.4	79.9
31.25°	88.9	91.8	94.3	96.2	97.6	98.4	98.7	98.4	97.6	96.2	94.3
30°	103.8	106.9	109.5	111.5	112.9	113.8	114.1	113.8	112.9	111.5	109.5
28.75°	119.6	123.6	126.9	129.6	131.6	132.9	133.3	132.9	131.6	129.6	126.9
27.5°	138.7	143.3	147.3	150.7	153.0	154.5	155.0	154.5	153.0	150.7	147.3
26.25°	159.9	165.5	170.6	174.5	177.4	179.1	179.7	179.1	177.4	174.5	170.6
25°	184.2	191.7	197.9	202.8	206.3	208.4	209.1	208.4	206.3	202.8	197.9
23.75°	213.8	223.4	231.4	237.6	242.1	244.8	245.8	244.8	242.1	237.6	231.4
22.5°	248.5	258.7	267.1	273.8	278.6	281.4	282.4	281.4	278.6	273.8	267.1
21.25°	283.3	298.3	310.7	320.5	327.5	331.8	333.2	331.8	327.5	320.5	310.7
20°	330.9	346.8	360.0	370.4	377.9	382.5	384.0	382.5	377.9	370.4	360.0
18.75°	378.1	399.8	420.1	436.1	449.9	459.9	463.2	459.9	449.9	436.1	420.1
17.5°	443.0	479.9	510.8	540.1	566.7	582.8	588.2	582.8	566.7	540.1	510.8
16.25°	543.8	603.1	654.0	713.8	757.2	783.6	792.4	783.6	757.2	713.8	654.0
15°	701.3	797.6	893.3	981.9	1046.4	1085.6	1098.8	1085.6	1046.4	981.9	893.3
13.75°	936.1	1078.4	1223.8	1344.2	1433.4	1493.8	1514.1	1493.8	1433.4	1344.2	1223.8
12.5°	1245.7	1440.0	1624.3	1772.5	1883.0	1950.8	1973.6	1950.8	1883.0	1772.5	1624.3
11.25°	1607.6	1843.5	2048.6	2212.2	2329.3	2401.2	2425.5	2401.2	2329.3	2212.2	2048.6
10°	1982.1	2238.9	2454.2	2620.3	2740.1	2814.1	2839.1	2814.1	2740.1	2620.3	2454.2
8.75°	2334.8	2599.1	2817.0	2984.1	3108.3	3182.6	3207.2	3182.6	3108.3	2984.1	2817.0
7.5°	2647.0	2913.3	3135.6	3310.3	3441.6	3520.0	3546.8	3520.0	3441.6	3310.3	3135.6
6.25°	2913.3	3184.8	3417.0	3602.9	3739.4	3821.3	3849.6	3821.3	3739.4	3602.9	3417.0
5°	3135.6	3417.0	3659.8	3850.3	3992.1	4082.0	4113.7	4082.0	3992.1	3850.3	3659.8
3.75°	3310.3	3602.9	3850.3	4051.4	4199.3	4293.3	4320.1	4293.3	4199.3	4051.4	3850.3
2.5°	3441.6	3739.4	3992.1	4199.3	4348.6	4439.4	4468.2	4439.4	4348.6	4199.3	3992.1
1.25°	3520.0	3821.3	4082.0	4293.3	4439.4	4532.6	4567.5	4532.6	4439.4	4293.3	4082.0
0°	3546.8	3849.6	4113.7	4320.1	4468.2	4567.5	4616.9	4567.5	4468.2	4320.1	4113.7
-1.25°	3520.0	3821.3	4082.0	4293.3	4439.4	4532.6	4567.5	4532.6	4439.4	4293.3	4082.0
-2.5°	3441.6	3739.4	3992.1	4199.3	4348.6	4439.4	4468.2	4439.4	4348.6	4199.3	3992.1
-3.75°	3310.3	3602.9	3850.3	4051.4	4199.3	4293.3	4320.1	4293.3	4199.3	4051.4	3850.3
-5°	3135.6	3417.0	3659.8	3850.3	3992.1	4082.0	4113.7	4082.0	3992.1	3850.3	3659.8
-6.25°	2913.3	3184.8	3417.0	3602.9	3739.4	3821.3	3849.6	3821.3	3739.4	3602.9	3417.0
-7.5°	2647.0	2913.3	3135.6	3310.3	3441.6	3520.0	3546.8	3520.0	3441.6	3310.3	3135.6
-8.75°	2334.8	2599.1	2817.0	2984.1	3108.3	3182.6	3207.2	3182.6	3108.3	2984.1	2817.0
-10°	1982.1	2238.9	2454.2	2620.3	2740.1	2814.1	2839.1	2814.1	2740.1	2620.3	2454.2
-11.25°	1607.6	1843.5	2048.6	2212.2	2329.3	2401.2	2425.5	2401.2	2329.3	2212.2	2048.6
-12.5°	1245.7	1440.0	1624.3	1772.5	1883.0	1950.8	1973.6	1950.8	1883.0	1772.5	1624.3
-13.75°	936.1	1078.4	1223.8	1344.2	1433.4	1493.8	1514.1	1493.8	1433.4	1344.2	1223.8
-15°	701.3	797.6	893.3	981.9	1046.4	1085.6	1098.8	1085.6	1046.4	981.9	893.3
-16.25°	543.8	603.1	654.0	713.8	757.2	783.6	792.4	783.6	757.2	713.8	654.0
-17.5°	443.0	479.9	510.8	540.1	566.7	582.8	588.2	582.8	566.7	540.1	510.8
-18.75°	378.1	399.8	420.1	436.1	449.9	459.9	463.2	459.9	449.9	436.1	420.1
-20°	330.9	346.8	360.0	370.4	377.9	382.5	384.0	382.5	377.9	370.4	360.0
-21.25°	283.3	298.3	310.7	320.5	327.5	331.8	333.2	331.8	327.5	320.5	310.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	248.5	258.7	267.1	273.8	278.6	281.4	282.4	281.4	278.6	273.8	267.1
-23.75°	213.8	223.4	231.4	237.6	242.1	244.8	245.8	244.8	242.1	237.6	231.4
-25°	184.2	191.7	197.9	202.8	206.3	208.4	209.1	208.4	206.3	202.8	197.9
-26.25°	159.9	165.5	170.6	174.5	177.4	179.1	179.7	179.1	177.4	174.5	170.6
-27.5°	138.7	143.3	147.3	150.7	153.0	154.5	155.0	154.5	153.0	150.7	147.3
-28.75°	119.6	123.6	126.9	129.6	131.6	132.9	133.3	132.9	131.6	129.6	126.9
-30°	103.8	106.9	109.5	111.5	112.9	113.8	114.1	113.8	112.9	111.5	109.5
-31.25°	88.9	91.8	94.3	96.2	97.6	98.4	98.7	98.4	97.6	96.2	94.3
-32.5°	75.7	78.0	79.9	81.4	82.4	83.1	83.3	83.1	82.4	81.4	79.9
-33.75°	63.5	65.7	67.6	69.0	70.0	70.6	70.8	70.6	70.0	69.0	67.6
-35°	51.1	53.3	55.1	56.5	57.5	58.1	58.3	58.1	57.5	56.5	55.1
-36.25°	38.6	40.6	42.3	43.7	44.6	45.2	45.4	45.2	44.6	43.7	42.3
-37.5°	29.8	30.6	31.3	31.8	32.2	32.4	32.5	32.4	32.2	31.8	31.3
-38.75°	24.5	25.3	25.9	26.4	26.8	27.0	27.1	27.0	26.8	26.4	25.9
-40°	20.5	20.9	21.2	21.4	21.6	21.7	21.7	21.7	21.6	21.4	21.2
-41.25°	18.1	18.4	18.7	18.9	19.1	19.2	19.2	19.2	19.1	18.9	18.7
-42.5°	16.0	16.2	16.4	16.5	16.6	16.7	16.7	16.7	16.6	16.5	16.4
-43.75°	14.3	14.5	14.7	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.7
-45°	12.8	13.0	13.1	13.2	13.2	13.3	13.3	13.3	13.2	13.2	13.1
-46.25°	11.6	11.7	11.8	11.9	12.0	12.0	12.1	12.0	12.0	11.9	11.8
-47.5°	10.4	10.5	10.6	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.6
-48.75°	9.1	9.3	9.4	9.4	9.5	9.5	9.6	9.5	9.5	9.4	9.4
-50°	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2
-51.25°	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8
-52.5°	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4
-53.75°	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.0
-55°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
-56.25°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
-57.5°	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
-58.75°	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
-60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-66.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-67.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-68.75°	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
-70°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-71.25°	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-73.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-76.25°	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.7
-77.5°	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-83.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.3	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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.2	1.2	1.2	1.1	1.1
82.5°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
77.5°	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9
76.25°	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5
75°	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9
73.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
71.25°	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3
70°	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.6
68.75°	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0
67.5°	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4
66.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
58.75°	6.2	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.8	5.8
57.5°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.0
56.25°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.4
55°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
53.75°	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.7	6.7	6.7
52.5°	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8
51.25°	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1
50°	8.2	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.5
48.75°	9.3	9.1	9.0	8.8	8.6	8.4	8.2	8.2	8.1	8.0	7.9
47.5°	10.5	10.4	10.2	10.0	9.8	9.6	9.3	9.0	8.7	8.4	8.2
46.25°	11.7	11.6	11.4	11.2	11.0	10.8	10.5	10.2	9.9	9.6	9.2
45°	13.0	12.8	12.6	12.4	12.2	12.0	11.7	11.4	11.1	10.7	10.3
43.75°	14.5	14.3	14.1	13.8	13.5	13.1	12.9	12.5	12.2	11.8	11.5
42.5°	16.2	16.0	15.7	15.4	15.1	14.7	14.3	13.9	13.4	13.0	12.6
41.25°	18.4	18.1	17.7	17.2	16.7	16.3	15.9	15.4	14.9	14.4	13.8
40°	20.9	20.5	20.1	19.6	19.1	18.5	17.9	17.2	16.5	15.9	15.3
38.75°	25.3	24.5	23.5	22.5	21.5	20.9	20.2	19.5	18.7	17.8	16.9
37.5°	30.6	29.8	28.8	27.7	26.4	25.0	23.5	21.8	20.9	20.0	19.1
36.25°	40.6	38.6	36.1	33.3	31.5	30.1	28.5	26.7	24.9	22.9	21.3
35°	53.3	51.1	48.6	45.7	42.4	38.7	34.8	31.6	29.7	27.6	25.4



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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°	65.7	63.5	60.9	58.0	54.5	50.7	46.6	42.1	37.3	32.4	30.1
32.5°	78.0	75.7	73.0	69.9	66.4	62.6	58.4	53.7	48.7	43.3	37.7
31.25°	91.8	88.9	85.4	81.7	78.1	74.1	69.7	65.0	59.9	54.4	48.5
30°	106.9	103.8	100.1	95.9	91.2	86.1	81.0	76.0	70.8	65.1	59.2
28.75°	123.6	119.6	115.0	110.4	105.5	100.1	94.2	87.9	81.5	75.7	69.5
27.5°	143.3	138.7	133.2	127.2	120.9	114.0	107.9	101.3	94.2	86.7	79.6
26.25°	165.5	159.9	153.6	146.5	139.1	131.1	123.0	114.6	107.1	99.3	91.1
25°	191.7	184.2	176.7	168.1	159.2	150.0	140.5	130.7	121.2	111.8	103.2
23.75°	223.4	213.8	203.7	193.2	182.0	171.0	159.7	148.4	137.3	126.1	115.3
22.5°	258.7	248.5	236.7	223.3	208.5	195.1	181.1	167.8	154.9	142.1	129.6
21.25°	298.3	283.3	270.6	256.4	240.7	223.6	205.8	189.5	174.1	159.2	145.0
20°	346.8	330.9	312.5	291.8	272.6	254.6	235.2	214.5	195.6	177.9	161.4
18.75°	399.8	378.1	358.6	336.7	312.4	286.1	264.7	243.1	220.3	198.7	179.2
17.5°	479.9	443.0	413.0	380.8	355.2	327.5	297.8	270.8	247.0	222.2	198.7
16.25°	603.1	543.8	492.4	441.8	402.8	367.8	336.6	303.7	272.9	247.0	220.3
15°	797.6	701.3	611.3	530.2	469.7	417.1	374.2	339.7	303.7	270.8	243.1
13.75°	1078.4	936.1	791.9	661.0	563.6	484.0	421.9	374.2	336.6	297.8	264.7
12.5°	1440.0	1245.7	1042.3	850.6	696.6	574.8	484.0	417.1	367.8	327.5	286.1
11.25°	1843.5	1607.6	1352.4	1096.5	876.4	696.6	563.6	469.7	402.8	355.2	312.4
10°	2238.9	1982.1	1693.5	1388.5	1096.5	850.6	661.0	530.2	441.8	380.8	336.7
8.75°	2599.1	2334.8	2029.2	1693.5	1352.4	1042.3	791.9	611.3	492.4	413.0	358.6
7.5°	2913.3	2647.0	2334.8	1982.1	1607.6	1245.7	936.1	701.3	543.8	443.0	378.1
6.25°	3184.8	2913.3	2599.1	2238.9	1843.5	1440.0	1078.4	797.6	603.1	479.9	399.8
5°	3417.0	3135.6	2817.0	2454.2	2048.6	1624.3	1223.8	893.3	654.0	510.8	420.1
3.75°	3602.9	3310.3	2984.1	2620.3	2212.2	1772.5	1344.2	981.9	713.8	540.1	436.1
2.5°	3739.4	3441.6	3108.3	2740.1	2329.3	1883.0	1433.4	1046.4	757.2	566.7	449.9
1.25°	3821.3	3520.0	3182.6	2814.1	2401.2	1950.8	1493.8	1085.6	783.6	582.8	459.9
0°	3849.6	3546.8	3207.2	2839.1	2425.5	1973.6	1514.1	1098.8	792.4	588.2	463.2
-1.25°	3821.3	3520.0	3182.6	2814.1	2401.2	1950.8	1493.8	1085.6	783.6	582.8	459.9
-2.5°	3739.4	3441.6	3108.3	2740.1	2329.3	1883.0	1433.4	1046.4	757.2	566.7	449.9
-3.75°	3602.9	3310.3	2984.1	2620.3	2212.2	1772.5	1344.2	981.9	713.8	540.1	436.1
-5°	3417.0	3135.6	2817.0	2454.2	2048.6	1624.3	1223.8	893.3	654.0	510.8	420.1
-6.25°	3184.8	2913.3	2599.1	2238.9	1843.5	1440.0	1078.4	797.6	603.1	479.9	399.8
-7.5°	2913.3	2647.0	2334.8	1982.1	1607.6	1245.7	936.1	701.3	543.8	443.0	378.1
-8.75°	2599.1	2334.8	2029.2	1693.5	1352.4	1042.3	791.9	611.3	492.4	413.0	358.6
-10°	2238.9	1982.1	1693.5	1388.5	1096.5	850.6	661.0	530.2	441.8	380.8	336.7
-11.25°	1843.5	1607.6	1352.4	1096.5	876.4	696.6	563.6	469.7	402.8	355.2	312.4
-12.5°	1440.0	1245.7	1042.3	850.6	696.6	574.8	484.0	417.1	367.8	327.5	286.1
-13.75°	1078.4	936.1	791.9	661.0	563.6	484.0	421.9	374.2	336.6	297.8	264.7
-15°	797.6	701.3	611.3	530.2	469.7	417.1	374.2	339.7	303.7	270.8	243.1
-16.25°	603.1	543.8	492.4	441.8	402.8	367.8	336.6	303.7	272.9	247.0	220.3
-17.5°	479.9	443.0	413.0	380.8	355.2	327.5	297.8	270.8	247.0	222.2	198.7
-18.75°	399.8	378.1	358.6	336.7	312.4	286.1	264.7	243.1	220.3	198.7	179.2
-20°	346.8	330.9	312.5	291.8	272.6	254.6	235.2	214.5	195.6	177.9	161.4
-21.25°	298.3	283.3	270.6	256.4	240.7	223.6	205.8	189.5	174.1	159.2	145.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	258.7	248.5	236.7	223.3	208.5	195.1	181.1	167.8	154.9	142.1	129.6
-23.75°	223.4	213.8	203.7	193.2	182.0	171.0	159.7	148.4	137.3	126.1	115.3
-25°	191.7	184.2	176.7	168.1	159.2	150.0	140.5	130.7	121.2	111.8	103.2
-26.25°	165.5	159.9	153.6	146.5	139.1	131.1	123.0	114.6	107.1	99.3	91.1
-27.5°	143.3	138.7	133.2	127.2	120.9	114.0	107.9	101.3	94.2	86.7	79.6
-28.75°	123.6	119.6	115.0	110.4	105.5	100.1	94.2	87.9	81.5	75.7	69.5
-30°	106.9	103.8	100.1	95.9	91.2	86.1	81.0	76.0	70.8	65.1	59.2
-31.25°	91.8	88.9	85.4	81.7	78.1	74.1	69.7	65.0	59.9	54.4	48.5
-32.5°	78.0	75.7	73.0	69.9	66.4	62.6	58.4	53.7	48.7	43.3	37.7
-33.75°	65.7	63.5	60.9	58.0	54.5	50.7	46.6	42.1	37.3	32.4	30.1
-35°	53.3	51.1	48.6	45.7	42.4	38.7	34.8	31.6	29.7	27.6	25.4
-36.25°	40.6	38.6	36.1	33.3	31.5	30.1	28.5	26.7	24.9	22.9	21.3
-37.5°	30.6	29.8	28.8	27.7	26.4	25.0	23.5	21.8	20.9	20.0	19.1
-38.75°	25.3	24.5	23.5	22.5	21.5	20.9	20.2	19.5	18.7	17.8	16.9
-40°	20.9	20.5	20.1	19.6	19.1	18.5	17.9	17.2	16.5	15.9	15.3
-41.25°	18.4	18.1	17.7	17.2	16.7	16.3	15.9	15.4	14.9	14.4	13.8
-42.5°	16.2	16.0	15.7	15.4	15.1	14.7	14.3	13.9	13.4	13.0	12.6
-43.75°	14.5	14.3	14.1	13.8	13.5	13.1	12.9	12.5	12.2	11.8	11.5
-45°	13.0	12.8	12.6	12.4	12.2	12.0	11.7	11.4	11.1	10.7	10.3
-46.25°	11.7	11.6	11.4	11.2	11.0	10.8	10.5	10.2	9.9	9.6	9.2
-47.5°	10.5	10.4	10.2	10.0	9.8	9.6	9.3	9.0	8.7	8.4	8.2
-48.75°	9.3	9.1	9.0	8.8	8.6	8.4	8.2	8.2	8.1	8.0	7.9
-50°	8.2	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.5
-51.25°	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1
-52.5°	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8
-53.75°	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.7	6.7	6.7
-55°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
-56.25°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.4
-57.5°	6.6	6.6	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.0
-58.75°	6.2	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.8	5.8
-60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-66.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-67.5°	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4
-68.75°	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0
-70°	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.6
-71.25°	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3
-72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-73.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-75°	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9
-76.25°	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5
-77.5°	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.7	1.7	1.7	1.7	1.6	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	1.1	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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9
82.5°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3
81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
78.75°	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	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°	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3
73.75°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7
72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1
71.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.2
68.75°	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.3
67.5°	5.3	5.3	5.2	5.2	5.1	5.0	4.9	4.9	4.8	4.7	4.6
66.25°	5.7	5.7	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	5.0
65°	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.3
63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6
62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
56.25°	6.3	6.2	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8
55°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.8	5.8
53.75°	6.7	6.7	6.7	6.7	6.7	6.5	6.4	6.2	6.1	5.9	5.8
52.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.3	6.1
51.25°	7.0	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5
50°	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.7	6.7	6.7	6.7
48.75°	7.8	7.6	7.5	7.4	7.2	7.1	7.0	6.8	6.7	6.7	6.7
47.5°	8.1	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7
46.25°	8.8	8.4	8.2	8.1	7.9	7.8	7.6	7.4	7.3	7.1	6.9
45°	9.9	9.5	9.1	8.6	8.3	8.1	7.9	7.8	7.6	7.4	7.2
43.75°	11.0	10.6	10.2	9.7	9.2	8.7	8.3	8.1	7.9	7.7	7.5
42.5°	12.2	11.7	11.2	10.7	10.2	9.7	9.1	8.6	8.2	8.0	7.8
41.25°	13.3	12.8	12.3	11.8	11.3	10.7	10.1	9.5	8.9	8.3	8.1
40°	14.7	14.1	13.4	12.8	12.3	11.7	11.1	10.5	9.9	9.2	8.5
38.75°	16.2	15.5	14.8	14.0	13.3	12.7	12.1	11.4	10.8	10.1	9.4
37.5°	18.1	17.1	16.2	15.4	14.6	13.8	13.0	12.4	11.7	11.0	10.3
36.25°	20.2	19.2	18.0	16.8	16.0	15.1	14.2	13.3	12.6	11.9	11.2
35°	23.1	21.2	20.1	18.8	17.6	16.4	15.5	14.5	13.6	12.8	12.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	27.7	25.2	22.5	20.8	19.5	18.1	16.7	15.7	14.7	13.7	12.8
32.5°	32.2	29.6	26.8	24.0	21.4	20.0	18.6	17.1	15.9	14.8	13.8
31.25°	42.3	35.8	31.1	28.1	25.1	22.0	20.3	18.8	17.2	16.0	14.8
30°	52.8	46.1	39.1	32.2	29.1	25.9	22.5	20.5	18.9	17.2	15.9
28.75°	63.0	56.2	49.0	41.5	33.7	29.7	26.2	22.7	20.5	18.8	17.1
27.5°	72.9	65.9	58.6	50.9	42.9	34.6	29.8	26.2	22.5	20.3	18.6
26.25°	82.7	75.4	67.9	60.1	51.8	43.3	34.6	29.7	25.9	22.0	20.0
25°	94.3	85.0	76.9	68.8	60.5	51.8	42.9	33.7	29.1	25.1	21.4
23.75°	105.8	96.2	86.3	77.4	68.8	60.1	50.9	41.5	32.2	28.1	24.0
22.5°	117.8	107.2	96.9	86.3	76.9	67.9	58.6	49.0	39.1	31.1	26.8
21.25°	131.4	118.6	107.2	96.2	85.0	75.4	65.9	56.2	46.1	35.8	29.6
20°	146.0	131.4	117.8	105.8	94.3	82.7	72.9	63.0	52.8	42.3	32.2
18.75°	161.4	145.0	129.6	115.3	103.2	91.1	79.6	69.5	59.2	48.5	37.7
17.5°	177.9	159.2	142.1	126.1	111.8	99.3	86.7	75.7	65.1	54.4	43.3
16.25°	195.6	174.1	154.9	137.3	121.2	107.1	94.2	81.5	70.8	59.9	48.7
15°	214.5	189.5	167.8	148.4	130.7	114.6	101.3	87.9	76.0	65.0	53.7
13.75°	235.2	205.8	181.1	159.7	140.5	123.0	107.9	94.2	81.0	69.7	58.4
12.5°	254.6	223.6	195.1	171.0	150.0	131.1	114.0	100.1	86.1	74.1	62.6
11.25°	272.6	240.7	208.5	182.0	159.2	139.1	120.9	105.5	91.2	78.1	66.4
10°	291.8	256.4	223.3	193.2	168.1	146.5	127.2	110.4	95.9	81.7	69.9
8.75°	312.5	270.6	236.7	203.7	176.7	153.6	133.2	115.0	100.1	85.4	73.0
7.5°	330.9	283.3	248.5	213.8	184.2	159.9	138.7	119.6	103.8	88.9	75.7
6.25°	346.8	298.3	258.7	223.4	191.7	165.5	143.3	123.6	106.9	91.8	78.0
5°	360.0	310.7	267.1	231.4	197.9	170.6	147.3	126.9	109.5	94.3	79.9
3.75°	370.4	320.5	273.8	237.6	202.8	174.5	150.7	129.6	111.5	96.2	81.4
2.5°	377.9	327.5	278.6	242.1	206.3	177.4	153.0	131.6	112.9	97.6	82.4
1.25°	382.5	331.8	281.4	244.8	208.4	179.1	154.5	132.9	113.8	98.4	83.1
0°	384.0	333.2	282.4	245.8	209.1	179.7	155.0	133.3	114.1	98.7	83.3
-1.25°	382.5	331.8	281.4	244.8	208.4	179.1	154.5	132.9	113.8	98.4	83.1
-2.5°	377.9	327.5	278.6	242.1	206.3	177.4	153.0	131.6	112.9	97.6	82.4
-3.75°	370.4	320.5	273.8	237.6	202.8	174.5	150.7	129.6	111.5	96.2	81.4
-5°	360.0	310.7	267.1	231.4	197.9	170.6	147.3	126.9	109.5	94.3	79.9
-6.25°	346.8	298.3	258.7	223.4	191.7	165.5	143.3	123.6	106.9	91.8	78.0
-7.5°	330.9	283.3	248.5	213.8	184.2	159.9	138.7	119.6	103.8	88.9	75.7
-8.75°	312.5	270.6	236.7	203.7	176.7	153.6	133.2	115.0	100.1	85.4	73.0
-10°	291.8	256.4	223.3	193.2	168.1	146.5	127.2	110.4	95.9	81.7	69.9
-11.25°	272.6	240.7	208.5	182.0	159.2	139.1	120.9	105.5	91.2	78.1	66.4
-12.5°	254.6	223.6	195.1	171.0	150.0	131.1	114.0	100.1	86.1	74.1	62.6
-13.75°	235.2	205.8	181.1	159.7	140.5	123.0	107.9	94.2	81.0	69.7	58.4
-15°	214.5	189.5	167.8	148.4	130.7	114.6	101.3	87.9	76.0	65.0	53.7
-16.25°	195.6	174.1	154.9	137.3	121.2	107.1	94.2	81.5	70.8	59.9	48.7
-17.5°	177.9	159.2	142.1	126.1	111.8	99.3	86.7	75.7	65.1	54.4	43.3
-18.75°	161.4	145.0	129.6	115.3	103.2	91.1	79.6	69.5	59.2	48.5	37.7
-20°	146.0	131.4	117.8	105.8	94.3	82.7	72.9	63.0	52.8	42.3	32.2
-21.25°	131.4	118.6	107.2	96.2	85.0	75.4	65.9	56.2	46.1	35.8	29.6



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	117.8	107.2	96.9	86.3	76.9	67.9	58.6	49.0	39.1	31.1	26.8
-23.75°	105.8	96.2	86.3	77.4	68.8	60.1	50.9	41.5	32.2	28.1	24.0
-25°	94.3	85.0	76.9	68.8	60.5	51.8	42.9	33.7	29.1	25.1	21.4
-26.25°	82.7	75.4	67.9	60.1	51.8	43.3	34.6	29.7	25.9	22.0	20.0
-27.5°	72.9	65.9	58.6	50.9	42.9	34.6	29.8	26.2	22.5	20.3	18.6
-28.75°	63.0	56.2	49.0	41.5	33.7	29.7	26.2	22.7	20.5	18.8	17.1
-30°	52.8	46.1	39.1	32.2	29.1	25.9	22.5	20.5	18.9	17.2	15.9
-31.25°	42.3	35.8	31.1	28.1	25.1	22.0	20.3	18.8	17.2	16.0	14.8
-32.5°	32.2	29.6	26.8	24.0	21.4	20.0	18.6	17.1	15.9	14.8	13.8
-33.75°	27.7	25.2	22.5	20.8	19.5	18.1	16.7	15.7	14.7	13.7	12.8
-35°	23.1	21.2	20.1	18.8	17.6	16.4	15.5	14.5	13.6	12.8	12.0
-36.25°	20.2	19.2	18.0	16.8	16.0	15.1	14.2	13.3	12.6	11.9	11.2
-37.5°	18.1	17.1	16.2	15.4	14.6	13.8	13.0	12.4	11.7	11.0	10.3
-38.75°	16.2	15.5	14.8	14.0	13.3	12.7	12.1	11.4	10.8	10.1	9.4
-40°	14.7	14.1	13.4	12.8	12.3	11.7	11.1	10.5	9.9	9.2	8.5
-41.25°	13.3	12.8	12.3	11.8	11.3	10.7	10.1	9.5	8.9	8.3	8.1
-42.5°	12.2	11.7	11.2	10.7	10.2	9.7	9.1	8.6	8.2	8.0	7.8
-43.75°	11.0	10.6	10.2	9.7	9.2	8.7	8.3	8.1	7.9	7.7	7.5
-45°	9.9	9.5	9.1	8.6	8.3	8.1	7.9	7.8	7.6	7.4	7.2
-46.25°	8.8	8.4	8.2	8.1	7.9	7.8	7.6	7.4	7.3	7.1	6.9
-47.5°	8.1	8.0	7.9	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7
-48.75°	7.8	7.6	7.5	7.4	7.2	7.1	7.0	6.8	6.7	6.7	6.7
-50°	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.7	6.7	6.7	6.7
-51.25°	7.0	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5
-52.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.6	6.5	6.3	6.1
-53.75°	6.7	6.7	6.7	6.7	6.7	6.5	6.4	6.2	6.1	5.9	5.8
-55°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.8	5.8
-56.25°	6.3	6.2	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8
-57.5°	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-60°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-61.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-62.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6
-65°	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.3
-66.25°	5.7	5.7	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	5.0
-67.5°	5.3	5.3	5.2	5.2	5.1	5.0	4.9	4.9	4.8	4.7	4.6
-68.75°	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.3
-70°	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.2
-71.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-72.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1
-73.75°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7
-75°	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	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	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.0



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	2.1	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-81.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-82.5°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3
-83.75°	1.1	1.1	1.1	1.1	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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
81.25°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5
78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
76.25°	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.7
75°	3.3	3.1	3.0	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9
73.75°	3.6	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.6	2.4
72.5°	4.0	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
71.25°	4.2	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4
70°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.8	3.7
68.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0
67.5°	4.5	4.4	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2
66.25°	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.2	4.2	4.2	4.2
65°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.2
63.75°	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.4	4.3
62.5°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.6
61.25°	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.2	5.1	5.0	4.8
60°	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.2	5.1
58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.3
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6
56.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
55°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
53.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
52.5°	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
51.25°	6.3	6.1	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
50°	6.6	6.4	6.2	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
48.75°	6.7	6.7	6.6	6.4	6.1	5.9	5.8	5.8	5.8	5.8	5.8
47.5°	6.7	6.7	6.7	6.7	6.4	6.2	6.0	5.8	5.8	5.8	5.8
46.25°	6.7	6.7	6.7	6.7	6.7	6.5	6.3	6.0	5.8	5.8	5.8
45°	7.0	6.8	6.7	6.7	6.7	6.7	6.6	6.3	6.1	5.8	5.8
43.75°	7.3	7.1	6.9	6.7	6.7	6.7	6.7	6.6	6.3	6.1	5.8
42.5°	7.6	7.4	7.2	7.0	6.7	6.7	6.7	6.7	6.6	6.3	6.0
41.25°	7.9	7.7	7.4	7.2	7.0	6.8	6.7	6.7	6.7	6.6	6.3
40°	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.7	6.7	6.7	6.5
38.75°	8.7	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.7	6.7	6.7
37.5°	9.6	8.8	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.7	6.7
36.25°	10.4	9.6	8.9	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.7
35°	11.2	10.4	9.6	8.8	8.2	7.9	7.7	7.4	7.1	6.8	6.7



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	12.0	11.2	10.4	9.6	8.7	8.2	7.9	7.6	7.3	7.0	6.7
32.5°	12.8	12.0	11.2	10.3	9.4	8.5	8.1	7.8	7.5	7.2	6.9
31.25°	13.7	12.8	11.9	11.0	10.1	9.2	8.3	8.0	7.7	7.4	7.1
30°	14.7	13.6	12.6	11.7	10.8	9.9	8.9	8.2	7.9	7.6	7.3
28.75°	15.7	14.5	13.3	12.4	11.4	10.5	9.5	8.6	8.1	7.8	7.4
27.5°	16.7	15.5	14.2	13.0	12.1	11.1	10.1	9.1	8.3	7.9	7.6
26.25°	18.1	16.4	15.1	13.8	12.7	11.7	10.7	9.7	8.7	8.1	7.8
25°	19.5	17.6	16.0	14.6	13.3	12.3	11.3	10.2	9.2	8.3	7.9
23.75°	20.8	18.8	16.8	15.4	14.0	12.8	11.8	10.7	9.7	8.6	8.1
22.5°	22.5	20.1	18.0	16.2	14.8	13.4	12.3	11.2	10.2	9.1	8.2
21.25°	25.2	21.2	19.2	17.1	15.5	14.1	12.8	11.7	10.6	9.5	8.4
20°	27.7	23.1	20.2	18.1	16.2	14.7	13.3	12.2	11.0	9.9	8.8
18.75°	30.1	25.4	21.3	19.1	16.9	15.3	13.8	12.6	11.5	10.3	9.2
17.5°	32.4	27.6	22.9	20.0	17.8	15.9	14.4	13.0	11.8	10.7	9.6
16.25°	37.3	29.7	24.9	20.9	18.7	16.5	14.9	13.4	12.2	11.1	9.9
15°	42.1	31.6	26.7	21.8	19.5	17.2	15.4	13.9	12.5	11.4	10.2
13.75°	46.6	34.8	28.5	23.5	20.2	17.9	15.9	14.3	12.9	11.7	10.5
12.5°	50.7	38.7	30.1	25.0	20.9	18.5	16.3	14.7	13.1	12.0	10.8
11.25°	54.5	42.4	31.5	26.4	21.5	19.1	16.7	15.1	13.5	12.2	11.0
10°	58.0	45.7	33.3	27.7	22.5	19.6	17.2	15.4	13.8	12.4	11.2
8.75°	60.9	48.6	36.1	28.8	23.5	20.1	17.7	15.7	14.1	12.6	11.4
7.5°	63.5	51.1	38.6	29.8	24.5	20.5	18.1	16.0	14.3	12.8	11.6
6.25°	65.7	53.3	40.6	30.6	25.3	20.9	18.4	16.2	14.5	13.0	11.7
5°	67.6	55.1	42.3	31.3	25.9	21.2	18.7	16.4	14.7	13.1	11.8
3.75°	69.0	56.5	43.7	31.8	26.4	21.4	18.9	16.5	14.8	13.2	11.9
2.5°	70.0	57.5	44.6	32.2	26.8	21.6	19.1	16.6	14.9	13.2	12.0
1.25°	70.6	58.1	45.2	32.4	27.0	21.7	19.2	16.7	15.0	13.3	12.0
0°	70.8	58.3	45.4	32.5	27.1	21.7	19.2	16.7	15.0	13.3	12.1
-1.25°	70.6	58.1	45.2	32.4	27.0	21.7	19.2	16.7	15.0	13.3	12.0
-2.5°	70.0	57.5	44.6	32.2	26.8	21.6	19.1	16.6	14.9	13.2	12.0
-3.75°	69.0	56.5	43.7	31.8	26.4	21.4	18.9	16.5	14.8	13.2	11.9
-5°	67.6	55.1	42.3	31.3	25.9	21.2	18.7	16.4	14.7	13.1	11.8
-6.25°	65.7	53.3	40.6	30.6	25.3	20.9	18.4	16.2	14.5	13.0	11.7
-7.5°	63.5	51.1	38.6	29.8	24.5	20.5	18.1	16.0	14.3	12.8	11.6
-8.75°	60.9	48.6	36.1	28.8	23.5	20.1	17.7	15.7	14.1	12.6	11.4
-10°	58.0	45.7	33.3	27.7	22.5	19.6	17.2	15.4	13.8	12.4	11.2
-11.25°	54.5	42.4	31.5	26.4	21.5	19.1	16.7	15.1	13.5	12.2	11.0
-12.5°	50.7	38.7	30.1	25.0	20.9	18.5	16.3	14.7	13.1	12.0	10.8
-13.75°	46.6	34.8	28.5	23.5	20.2	17.9	15.9	14.3	12.9	11.7	10.5
-15°	42.1	31.6	26.7	21.8	19.5	17.2	15.4	13.9	12.5	11.4	10.2
-16.25°	37.3	29.7	24.9	20.9	18.7	16.5	14.9	13.4	12.2	11.1	9.9
-17.5°	32.4	27.6	22.9	20.0	17.8	15.9	14.4	13.0	11.8	10.7	9.6
-18.75°	30.1	25.4	21.3	19.1	16.9	15.3	13.8	12.6	11.5	10.3	9.2
-20°	27.7	23.1	20.2	18.1	16.2	14.7	13.3	12.2	11.0	9.9	8.8
-21.25°	25.2	21.2	19.2	17.1	15.5	14.1	12.8	11.7	10.6	9.5	8.4



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	22.5	20.1	18.0	16.2	14.8	13.4	12.3	11.2	10.2	9.1	8.2
-23.75°	20.8	18.8	16.8	15.4	14.0	12.8	11.8	10.7	9.7	8.6	8.1
-25°	19.5	17.6	16.0	14.6	13.3	12.3	11.3	10.2	9.2	8.3	7.9
-26.25°	18.1	16.4	15.1	13.8	12.7	11.7	10.7	9.7	8.7	8.1	7.8
-27.5°	16.7	15.5	14.2	13.0	12.1	11.1	10.1	9.1	8.3	7.9	7.6
-28.75°	15.7	14.5	13.3	12.4	11.4	10.5	9.5	8.6	8.1	7.8	7.4
-30°	14.7	13.6	12.6	11.7	10.8	9.9	8.9	8.2	7.9	7.6	7.3
-31.25°	13.7	12.8	11.9	11.0	10.1	9.2	8.3	8.0	7.7	7.4	7.1
-32.5°	12.8	12.0	11.2	10.3	9.4	8.5	8.1	7.8	7.5	7.2	6.9
-33.75°	12.0	11.2	10.4	9.6	8.7	8.2	7.9	7.6	7.3	7.0	6.7
-35°	11.2	10.4	9.6	8.8	8.2	7.9	7.7	7.4	7.1	6.8	6.7
-36.25°	10.4	9.6	8.9	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.7
-37.5°	9.6	8.8	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.7	6.7
-38.75°	8.7	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.7	6.7	6.7
-40°	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.7	6.7	6.7	6.5
-41.25°	7.9	7.7	7.4	7.2	7.0	6.8	6.7	6.7	6.7	6.6	6.3
-42.5°	7.6	7.4	7.2	7.0	6.7	6.7	6.7	6.7	6.6	6.3	6.0
-43.75°	7.3	7.1	6.9	6.7	6.7	6.7	6.7	6.6	6.3	6.1	5.8
-45°	7.0	6.8	6.7	6.7	6.7	6.7	6.6	6.3	6.1	5.8	5.8
-46.25°	6.7	6.7	6.7	6.7	6.7	6.5	6.3	6.0	5.8	5.8	5.8
-47.5°	6.7	6.7	6.7	6.7	6.4	6.2	6.0	5.8	5.8	5.8	5.8
-48.75°	6.7	6.7	6.6	6.4	6.1	5.9	5.8	5.8	5.8	5.8	5.8
-50°	6.6	6.4	6.2	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-51.25°	6.3	6.1	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-52.5°	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-53.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-55°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-56.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6
-58.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.3
-60°	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.2	5.1
-61.25°	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.2	5.1	5.0	4.8
-62.5°	5.8	5.7	5.6	5.5	5.4	5.2	5.1	5.0	4.8	4.7	4.6
-63.75°	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6	4.4	4.3
-65°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.2
-66.25°	4.9	4.8	4.7	4.6	4.5	4.4	4.2	4.2	4.2	4.2	4.2
-67.5°	4.5	4.4	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-68.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.0
-70°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.8	3.7
-71.25°	4.2	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4
-72.5°	4.0	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
-73.75°	3.6	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.6	2.4
-75°	3.3	3.1	3.0	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9
-76.25°	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.7	1.7
-77.5°	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5
-81.25°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-82.5°	1.2	1.2	1.2	1.1	1.1	1.1	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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8
80°	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8
78.75°	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0
77.5°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.2
76.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.5
75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
73.75°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.7	1.7	1.7	1.7
71.25°	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.7	1.7
70°	3.6	3.5	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8	1.7
68.75°	3.9	3.8	3.6	3.5	3.4	3.2	3.0	2.7	2.5	2.2	2.0
67.5°	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	2.9	2.6	2.4
66.25°	4.2	4.2	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.0	2.7
65°	4.2	4.2	4.2	4.2	4.2	4.0	3.9	3.7	3.5	3.4	3.1
63.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.7	3.6	3.4
62.5°	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8	3.6
61.25°	4.7	4.5	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8
60°	4.9	4.8	4.6	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.0
58.75°	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.2	4.2	4.2	4.2
57.5°	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.2	4.2	4.2
56.25°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.2	4.2
55°	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.2	4.2
53.75°	5.8	5.8	5.7	5.6	5.4	5.1	4.9	4.7	4.5	4.3	4.2
52.5°	5.8	5.8	5.8	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.3
51.25°	5.8	5.8	5.8	5.8	5.8	5.6	5.3	5.1	4.9	4.7	4.4
50°	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.3	5.1	4.8	4.6
48.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.2	5.0	4.8
47.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.4	5.2	4.9
46.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.3	5.1
45°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.2
43.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.4
42.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.5
41.25°	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
40°	6.2	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
38.75°	6.4	6.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
37.5°	6.7	6.4	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
36.25°	6.7	6.6	6.2	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8
35°	6.7	6.7	6.4	6.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8



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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°	6.7	6.7	6.6	6.3	5.9	5.8	5.8	5.8	5.8	5.8	5.8
32.5°	6.7	6.7	6.7	6.5	6.1	5.8	5.8	5.8	5.8	5.8	5.8
31.25°	6.8	6.7	6.7	6.6	6.3	5.9	5.8	5.8	5.8	5.8	5.8
30°	7.0	6.7	6.7	6.7	6.5	6.1	5.8	5.8	5.8	5.8	5.8
28.75°	7.1	6.8	6.7	6.7	6.6	6.2	5.9	5.8	5.8	5.8	5.8
27.5°	7.3	7.0	6.7	6.7	6.7	6.4	6.0	5.8	5.8	5.8	5.8
26.25°	7.4	7.1	6.8	6.7	6.7	6.5	6.1	5.8	5.8	5.8	5.8
25°	7.6	7.2	6.9	6.7	6.7	6.7	6.3	5.9	5.8	5.8	5.8
23.75°	7.7	7.4	7.0	6.7	6.7	6.7	6.4	6.0	5.8	5.8	5.8
22.5°	7.9	7.5	7.2	6.8	6.7	6.7	6.5	6.1	5.8	5.8	5.8
21.25°	8.0	7.6	7.3	6.9	6.7	6.7	6.6	6.2	5.8	5.8	5.8
20°	8.1	7.8	7.4	7.0	6.7	6.7	6.7	6.3	5.9	5.8	5.8
18.75°	8.2	7.9	7.5	7.1	6.8	6.7	6.7	6.4	6.0	5.8	5.8
17.5°	8.4	8.0	7.6	7.2	6.9	6.7	6.7	6.5	6.1	5.8	5.8
16.25°	8.7	8.1	7.7	7.3	6.9	6.7	6.7	6.6	6.2	5.8	5.8
15°	9.0	8.2	7.8	7.4	7.0	6.7	6.7	6.7	6.3	5.8	5.8
13.75°	9.3	8.2	7.9	7.5	7.1	6.7	6.7	6.7	6.3	5.9	5.8
12.5°	9.6	8.4	7.9	7.6	7.2	6.8	6.7	6.7	6.4	6.0	5.8
11.25°	9.8	8.6	8.0	7.6	7.2	6.8	6.7	6.7	6.4	6.0	5.8
10°	10.0	8.8	8.1	7.7	7.3	6.9	6.7	6.7	6.5	6.1	5.8
8.75°	10.2	9.0	8.1	7.7	7.3	6.9	6.7	6.7	6.5	6.1	5.8
7.5°	10.4	9.1	8.2	7.8	7.4	7.0	6.7	6.7	6.6	6.1	5.8
6.25°	10.5	9.3	8.2	7.8	7.4	7.0	6.7	6.7	6.6	6.2	5.8
5°	10.6	9.4	8.2	7.8	7.4	7.0	6.7	6.7	6.7	6.2	5.8
3.75°	10.7	9.4	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.2	5.8
2.5°	10.8	9.5	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.2	5.8
1.25°	10.8	9.5	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.2	5.8
0°	10.8	9.6	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.3	5.8
-1.25°	10.8	9.5	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.2	5.8
-2.5°	10.8	9.5	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.2	5.8
-3.75°	10.7	9.4	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.2	5.8
-5°	10.6	9.4	8.2	7.8	7.4	7.0	6.7	6.7	6.7	6.2	5.8
-6.25°	10.5	9.3	8.2	7.8	7.4	7.0	6.7	6.7	6.6	6.2	5.8
-7.5°	10.4	9.1	8.2	7.8	7.4	7.0	6.7	6.7	6.6	6.1	5.8
-8.75°	10.2	9.0	8.1	7.7	7.3	6.9	6.7	6.7	6.5	6.1	5.8
-10°	10.0	8.8	8.1	7.7	7.3	6.9	6.7	6.7	6.5	6.1	5.8
-11.25°	9.8	8.6	8.0	7.6	7.2	6.8	6.7	6.7	6.4	6.0	5.8
-12.5°	9.6	8.4	7.9	7.6	7.2	6.8	6.7	6.7	6.4	6.0	5.8
-13.75°	9.3	8.2	7.9	7.5	7.1	6.7	6.7	6.7	6.3	5.9	5.8
-15°	9.0	8.2	7.8	7.4	7.0	6.7	6.7	6.7	6.3	5.8	5.8
-16.25°	8.7	8.1	7.7	7.3	6.9	6.7	6.7	6.6	6.2	5.8	5.8
-17.5°	8.4	8.0	7.6	7.2	6.9	6.7	6.7	6.5	6.1	5.8	5.8
-18.75°	8.2	7.9	7.5	7.1	6.8	6.7	6.7	6.4	6.0	5.8	5.8
-20°	8.1	7.8	7.4	7.0	6.7	6.7	6.7	6.3	5.9	5.8	5.8
-21.25°	8.0	7.6	7.3	6.9	6.7	6.7	6.6	6.2	5.8	5.8	5.8



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	7.9	7.5	7.2	6.8	6.7	6.7	6.5	6.1	5.8	5.8	5.8
-23.75°	7.7	7.4	7.0	6.7	6.7	6.7	6.4	6.0	5.8	5.8	5.8
-25°	7.6	7.2	6.9	6.7	6.7	6.7	6.3	5.9	5.8	5.8	5.8
-26.25°	7.4	7.1	6.8	6.7	6.7	6.5	6.1	5.8	5.8	5.8	5.8
-27.5°	7.3	7.0	6.7	6.7	6.7	6.4	6.0	5.8	5.8	5.8	5.8
-28.75°	7.1	6.8	6.7	6.7	6.6	6.2	5.9	5.8	5.8	5.8	5.8
-30°	7.0	6.7	6.7	6.7	6.5	6.1	5.8	5.8	5.8	5.8	5.8
-31.25°	6.8	6.7	6.7	6.6	6.3	5.9	5.8	5.8	5.8	5.8	5.8
-32.5°	6.7	6.7	6.7	6.5	6.1	5.8	5.8	5.8	5.8	5.8	5.8
-33.75°	6.7	6.7	6.6	6.3	5.9	5.8	5.8	5.8	5.8	5.8	5.8
-35°	6.7	6.7	6.4	6.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-36.25°	6.7	6.6	6.2	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-37.5°	6.7	6.4	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-38.75°	6.4	6.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-40°	6.2	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-41.25°	6.0	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
-42.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.5
-43.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.4
-45°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.2
-46.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.3	5.1
-47.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.4	5.2	4.9
-48.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.2	5.0	4.8
-50°	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.3	5.1	4.8	4.6
-51.25°	5.8	5.8	5.8	5.8	5.8	5.6	5.3	5.1	4.9	4.7	4.4
-52.5°	5.8	5.8	5.8	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.3
-53.75°	5.8	5.8	5.7	5.6	5.4	5.1	4.9	4.7	4.5	4.3	4.2
-55°	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.2	4.2
-56.25°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.2	4.2
-57.5°	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.2	4.2	4.2	4.2
-58.75°	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.2	4.2	4.2	4.2
-60°	4.9	4.8	4.6	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.0
-61.25°	4.7	4.5	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8
-62.5°	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.0	3.8	3.6
-63.75°	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.9	3.7	3.6	3.4
-65°	4.2	4.2	4.2	4.2	4.2	4.0	3.9	3.7	3.5	3.4	3.1
-66.25°	4.2	4.2	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.0	2.7
-67.5°	4.2	4.1	3.9	3.8	3.6	3.5	3.4	3.2	2.9	2.6	2.4
-68.75°	3.9	3.8	3.6	3.5	3.4	3.2	3.0	2.7	2.5	2.2	2.0
-70°	3.6	3.5	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8	1.7
-71.25°	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.7	1.7
-72.5°	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.7	1.7	1.7	1.7
-73.75°	2.3	2.1	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-76.25°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.5
-77.5°	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.2



REPORT NUMBER: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0
-80°	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8
-81.25°	1.1	1.1	1.0	1.0	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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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°	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
76.25°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8
75°	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.8	0.8	0.8
73.75°	1.7	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8
72.5°	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
71.25°	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.3	1.1	1.0	0.9
70°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.1	1.0
68.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.1
67.5°	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.2
66.25°	2.4	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.3
65°	2.8	2.5	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.6	1.4
63.75°	3.2	2.8	2.5	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.6
62.5°	3.4	3.2	2.8	2.5	2.2	1.8	1.7	1.7	1.7	1.7	1.7
61.25°	3.6	3.4	3.2	2.8	2.4	2.1	1.7	1.7	1.7	1.7	1.7
60°	3.8	3.6	3.4	3.1	2.7	2.4	2.0	1.7	1.7	1.7	1.7
58.75°	4.0	3.8	3.6	3.4	3.0	2.6	2.2	1.8	1.7	1.7	1.7
57.5°	4.2	4.0	3.7	3.5	3.3	2.9	2.5	2.1	1.7	1.7	1.7
56.25°	4.2	4.2	3.9	3.7	3.5	3.2	2.7	2.3	1.9	1.7	1.7
55°	4.2	4.2	4.1	3.9	3.6	3.4	3.0	2.5	2.1	1.7	1.7
53.75°	4.2	4.2	4.2	4.0	3.8	3.5	3.2	2.8	2.3	1.9	1.7
52.5°	4.2	4.2	4.2	4.2	3.9	3.6	3.4	3.0	2.5	2.1	1.7
51.25°	4.2	4.2	4.2	4.2	4.1	3.8	3.5	3.2	2.7	2.2	1.8
50°	4.4	4.2	4.2	4.2	4.2	3.9	3.6	3.4	2.9	2.4	1.9
48.75°	4.5	4.3	4.2	4.2	4.2	4.1	3.8	3.5	3.1	2.6	2.1
47.5°	4.7	4.4	4.2	4.2	4.2	4.2	3.9	3.6	3.3	2.8	2.3
46.25°	4.8	4.6	4.3	4.2	4.2	4.2	4.0	3.7	3.4	3.0	2.4
45°	5.0	4.7	4.4	4.2	4.2	4.2	4.1	3.8	3.5	3.2	2.6
43.75°	5.1	4.8	4.6	4.3	4.2	4.2	4.2	3.9	3.6	3.3	2.8
42.5°	5.2	5.0	4.7	4.4	4.2	4.2	4.2	4.1	3.7	3.4	2.9
41.25°	5.4	5.1	4.8	4.5	4.2	4.2	4.2	4.2	3.8	3.5	3.1
40°	5.5	5.2	4.9	4.6	4.4	4.2	4.2	4.2	3.9	3.6	3.2
38.75°	5.7	5.4	5.1	4.8	4.5	4.2	4.2	4.2	4.0	3.7	3.3
37.5°	5.8	5.5	5.2	4.9	4.6	4.3	4.2	4.2	4.1	3.8	3.4
36.25°	5.8	5.6	5.3	5.0	4.7	4.4	4.2	4.2	4.2	3.9	3.5
35°	5.8	5.7	5.4	5.1	4.8	4.4	4.2	4.2	4.2	3.9	3.6



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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°	5.8	5.8	5.5	5.2	4.9	4.5	4.2	4.2	4.2	4.0	3.6
32.5°	5.8	5.8	5.6	5.3	5.0	4.6	4.3	4.2	4.2	4.1	3.7
31.25°	5.8	5.8	5.7	5.4	5.0	4.7	4.4	4.2	4.2	4.2	3.8
30°	5.8	5.8	5.8	5.5	5.1	4.8	4.5	4.2	4.2	4.2	3.8
28.75°	5.8	5.8	5.8	5.6	5.2	4.9	4.5	4.2	4.2	4.2	3.9
27.5°	5.8	5.8	5.8	5.6	5.3	4.9	4.6	4.3	4.2	4.2	4.0
26.25°	5.8	5.8	5.8	5.7	5.4	5.0	4.7	4.3	4.2	4.2	4.0
25°	5.8	5.8	5.8	5.8	5.5	5.1	4.7	4.4	4.2	4.2	4.1
23.75°	5.8	5.8	5.8	5.8	5.5	5.2	4.8	4.4	4.2	4.2	4.1
22.5°	5.8	5.8	5.8	5.8	5.6	5.2	4.9	4.5	4.2	4.2	4.2
21.25°	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2	4.2
20°	5.8	5.8	5.8	5.8	5.7	5.3	5.0	4.6	4.2	4.2	4.2
18.75°	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.3	4.2	4.2
17.5°	5.8	5.8	5.8	5.8	5.8	5.4	5.1	4.7	4.3	4.2	4.2
16.25°	5.8	5.8	5.8	5.8	5.8	5.5	5.1	4.7	4.4	4.2	4.2
15°	5.8	5.8	5.8	5.8	5.8	5.5	5.2	4.8	4.4	4.2	4.2
13.75°	5.8	5.8	5.8	5.8	5.8	5.6	5.2	4.8	4.4	4.2	4.2
12.5°	5.8	5.8	5.8	5.8	5.8	5.6	5.2	4.8	4.5	4.2	4.2
11.25°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
10°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
8.75°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
7.5°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
6.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
5°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
3.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
2.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
1.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
0°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
-1.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
-2.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
-3.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
-5°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
-6.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.2	4.2
-7.5°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
-8.75°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
-10°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
-11.25°	5.8	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2
-12.5°	5.8	5.8	5.8	5.8	5.8	5.6	5.2	4.8	4.5	4.2	4.2
-13.75°	5.8	5.8	5.8	5.8	5.8	5.6	5.2	4.8	4.4	4.2	4.2
-15°	5.8	5.8	5.8	5.8	5.8	5.5	5.2	4.8	4.4	4.2	4.2
-16.25°	5.8	5.8	5.8	5.8	5.8	5.5	5.1	4.7	4.4	4.2	4.2
-17.5°	5.8	5.8	5.8	5.8	5.8	5.4	5.1	4.7	4.3	4.2	4.2
-18.75°	5.8	5.8	5.8	5.8	5.8	5.4	5.0	4.6	4.3	4.2	4.2
-20°	5.8	5.8	5.8	5.8	5.7	5.3	5.0	4.6	4.2	4.2	4.2
-21.25°	5.8	5.8	5.8	5.8	5.7	5.3	4.9	4.5	4.2	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	5.8	5.8	5.8	5.8	5.6	5.2	4.9	4.5	4.2	4.2	4.2
-23.75°	5.8	5.8	5.8	5.8	5.5	5.2	4.8	4.4	4.2	4.2	4.1
-25°	5.8	5.8	5.8	5.8	5.5	5.1	4.7	4.4	4.2	4.2	4.1
-26.25°	5.8	5.8	5.8	5.7	5.4	5.0	4.7	4.3	4.2	4.2	4.0
-27.5°	5.8	5.8	5.8	5.6	5.3	4.9	4.6	4.3	4.2	4.2	4.0
-28.75°	5.8	5.8	5.8	5.6	5.2	4.9	4.5	4.2	4.2	4.2	3.9
-30°	5.8	5.8	5.8	5.5	5.1	4.8	4.5	4.2	4.2	4.2	3.8
-31.25°	5.8	5.8	5.7	5.4	5.0	4.7	4.4	4.2	4.2	4.2	3.8
-32.5°	5.8	5.8	5.6	5.3	5.0	4.6	4.3	4.2	4.2	4.1	3.7
-33.75°	5.8	5.8	5.5	5.2	4.9	4.5	4.2	4.2	4.2	4.0	3.6
-35°	5.8	5.7	5.4	5.1	4.8	4.4	4.2	4.2	4.2	3.9	3.6
-36.25°	5.8	5.6	5.3	5.0	4.7	4.4	4.2	4.2	4.2	3.9	3.5
-37.5°	5.8	5.5	5.2	4.9	4.6	4.3	4.2	4.2	4.1	3.8	3.4
-38.75°	5.7	5.4	5.1	4.8	4.5	4.2	4.2	4.2	4.0	3.7	3.3
-40°	5.5	5.2	4.9	4.6	4.4	4.2	4.2	4.2	3.9	3.6	3.2
-41.25°	5.4	5.1	4.8	4.5	4.2	4.2	4.2	4.2	3.8	3.5	3.1
-42.5°	5.2	5.0	4.7	4.4	4.2	4.2	4.2	4.2	4.1	3.7	2.9
-43.75°	5.1	4.8	4.6	4.3	4.2	4.2	4.2	4.2	3.9	3.6	2.8
-45°	5.0	4.7	4.4	4.2	4.2	4.2	4.2	4.1	3.8	3.5	2.6
-46.25°	4.8	4.6	4.3	4.2	4.2	4.2	4.0	3.7	3.4	3.0	2.4
-47.5°	4.7	4.4	4.2	4.2	4.2	4.2	3.9	3.6	3.3	2.8	2.3
-48.75°	4.5	4.3	4.2	4.2	4.2	4.1	3.8	3.5	3.1	2.6	2.1
-50°	4.4	4.2	4.2	4.2	4.2	3.9	3.6	3.4	2.9	2.4	1.9
-51.25°	4.2	4.2	4.2	4.2	4.1	3.8	3.5	3.2	2.7	2.2	1.8
-52.5°	4.2	4.2	4.2	4.2	3.9	3.6	3.4	3.0	2.5	2.1	1.7
-53.75°	4.2	4.2	4.2	4.0	3.8	3.5	3.2	2.8	2.3	1.9	1.7
-55°	4.2	4.2	4.1	3.9	3.6	3.4	3.0	2.5	2.1	1.7	1.7
-56.25°	4.2	4.2	3.9	3.7	3.5	3.2	2.7	2.3	1.9	1.7	1.7
-57.5°	4.2	4.0	3.7	3.5	3.3	2.9	2.5	2.1	1.7	1.7	1.7
-58.75°	4.0	3.8	3.6	3.4	3.0	2.6	2.2	1.8	1.7	1.7	1.7
-60°	3.8	3.6	3.4	3.1	2.7	2.4	2.0	1.7	1.7	1.7	1.7
-61.25°	3.6	3.4	3.2	2.8	2.4	2.1	1.7	1.7	1.7	1.7	1.7
-62.5°	3.4	3.2	2.8	2.5	2.2	1.8	1.7	1.7	1.7	1.7	1.7
-63.75°	3.2	2.8	2.5	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.6
-65°	2.8	2.5	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.6	1.4
-66.25°	2.4	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.3
-67.5°	2.1	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.2
-68.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.1
-70°	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.4	1.3	1.1	1.0
-71.25°	1.7	1.7	1.7	1.7	1.7	1.5	1.4	1.3	1.1	1.0	0.9
-72.5°	1.7	1.7	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8
-73.75°	1.7	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8
-75°	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.8	0.8	0.8
-76.25°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8
-77.5°	1.2	1.1	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°	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.5	0.3
65°	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.3
63.75°	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4
62.5°	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.4
61.25°	1.6	1.4	1.2	0.9	0.8	0.8	0.8	0.8	0.8	0.6	0.4
60°	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.6	0.4
58.75°	1.7	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.6	0.4
57.5°	1.7	1.6	1.4	1.2	0.9	0.8	0.8	0.8	0.8	0.6	0.4
56.25°	1.7	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.7	0.4
55°	1.7	1.7	1.6	1.3	1.1	0.8	0.8	0.8	0.8	0.7	0.5
53.75°	1.7	1.7	1.6	1.4	1.1	0.9	0.8	0.8	0.8	0.7	0.5
52.5°	1.7	1.7	1.7	1.5	1.2	0.9	0.8	0.8	0.8	0.7	0.5
51.25°	1.7	1.7	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.5
50°	1.7	1.7	1.7	1.6	1.3	1.0	0.8	0.8	0.8	0.8	0.5
48.75°	1.7	1.7	1.7	1.7	1.4	1.1	0.8	0.8	0.8	0.8	0.5
47.5°	1.7	1.7	1.7	1.7	1.4	1.1	0.8	0.8	0.8	0.8	0.5
46.25°	1.9	1.7	1.7	1.7	1.5	1.2	0.9	0.8	0.8	0.8	0.6
45°	2.0	1.7	1.7	1.7	1.5	1.2	0.9	0.8	0.8	0.8	0.6
43.75°	2.2	1.7	1.7	1.7	1.6	1.3	0.9	0.8	0.8	0.8	0.6
42.5°	2.3	1.8	1.7	1.7	1.6	1.3	1.0	0.8	0.8	0.8	0.6
41.25°	2.5	1.9	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.8	0.6
40°	2.6	2.0	1.7	1.7	1.7	1.4	1.1	0.8	0.8	0.8	0.6
38.75°	2.8	2.1	1.7	1.7	1.7	1.5	1.1	0.8	0.8	0.8	0.6
37.5°	2.9	2.3	1.7	1.7	1.7	1.5	1.1	0.8	0.8	0.8	0.6
36.25°	3.0	2.4	1.7	1.7	1.7	1.5	1.2	0.8	0.8	0.8	0.6
35°	3.1	2.5	1.8	1.7	1.7	1.6	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	1.9	1.7	1.7	1.6	1.2	0.9	0.8	0.8	0.7
32.5°	3.3	2.7	2.0	1.7	1.7	1.7	1.3	0.9	0.8	0.8	0.7
31.25°	3.4	2.8	2.1	1.7	1.7	1.7	1.3	0.9	0.8	0.8	0.7
30°	3.5	2.9	2.2	1.7	1.7	1.7	1.3	0.9	0.8	0.8	0.7
28.75°	3.5	3.0	2.3	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.7
27.5°	3.6	3.1	2.4	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.7
26.25°	3.6	3.2	2.5	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.7
25°	3.7	3.3	2.5	1.8	1.7	1.7	1.4	1.0	0.8	0.8	0.7
23.75°	3.7	3.3	2.6	1.9	1.7	1.7	1.5	1.1	0.8	0.8	0.7
22.5°	3.8	3.4	2.7	1.9	1.7	1.7	1.5	1.1	0.8	0.8	0.7
21.25°	3.8	3.4	2.7	2.0	1.7	1.7	1.5	1.1	0.8	0.8	0.7
20°	3.9	3.4	2.8	2.1	1.7	1.7	1.5	1.1	0.8	0.8	0.8
18.75°	3.9	3.5	2.9	2.1	1.7	1.7	1.6	1.1	0.8	0.8	0.8
17.5°	3.9	3.5	2.9	2.2	1.7	1.7	1.6	1.1	0.8	0.8	0.8
16.25°	4.0	3.5	3.0	2.2	1.7	1.7	1.6	1.2	0.8	0.8	0.8
15°	4.0	3.6	3.0	2.3	1.7	1.7	1.6	1.2	0.8	0.8	0.8
13.75°	4.0	3.6	3.1	2.3	1.7	1.7	1.6	1.2	0.8	0.8	0.8
12.5°	4.1	3.6	3.1	2.3	1.7	1.7	1.6	1.2	0.8	0.8	0.8
11.25°	4.1	3.7	3.1	2.4	1.7	1.7	1.6	1.2	0.8	0.8	0.8
10°	4.1	3.7	3.2	2.4	1.7	1.7	1.7	1.2	0.8	0.8	0.8
8.75°	4.1	3.7	3.2	2.4	1.7	1.7	1.7	1.2	0.8	0.8	0.8
7.5°	4.2	3.7	3.2	2.4	1.7	1.7	1.7	1.2	0.8	0.8	0.8
6.25°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
5°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
3.75°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
2.5°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
1.25°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
0°	4.2	3.8	3.3	2.5	1.7	1.7	1.7	1.3	0.8	0.8	0.8
-1.25°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-2.5°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-3.75°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-5°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-6.25°	4.2	3.7	3.3	2.5	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-7.5°	4.2	3.7	3.2	2.4	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-8.75°	4.1	3.7	3.2	2.4	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-10°	4.1	3.7	3.2	2.4	1.7	1.7	1.7	1.2	0.8	0.8	0.8
-11.25°	4.1	3.7	3.1	2.4	1.7	1.7	1.6	1.2	0.8	0.8	0.8
-12.5°	4.1	3.6	3.1	2.3	1.7	1.7	1.6	1.2	0.8	0.8	0.8
-13.75°	4.0	3.6	3.1	2.3	1.7	1.7	1.6	1.2	0.8	0.8	0.8
-15°	4.0	3.6	3.0	2.3	1.7	1.7	1.6	1.2	0.8	0.8	0.8
-16.25°	4.0	3.5	3.0	2.2	1.7	1.7	1.6	1.2	0.8	0.8	0.8
-17.5°	3.9	3.5	2.9	2.2	1.7	1.7	1.6	1.1	0.8	0.8	0.8
-18.75°	3.9	3.5	2.9	2.1	1.7	1.7	1.6	1.1	0.8	0.8	0.8
-20°	3.9	3.4	2.8	2.1	1.7	1.7	1.5	1.1	0.8	0.8	0.8
-21.25°	3.8	3.4	2.7	2.0	1.7	1.7	1.5	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°	3.8	3.4	2.7	1.9	1.7	1.7	1.5	1.1	0.8	0.8	0.7
-23.75°	3.7	3.3	2.6	1.9	1.7	1.7	1.5	1.1	0.8	0.8	0.7
-25°	3.7	3.3	2.5	1.8	1.7	1.7	1.4	1.0	0.8	0.8	0.7
-26.25°	3.6	3.2	2.5	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.7
-27.5°	3.6	3.1	2.4	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.7
-28.75°	3.5	3.0	2.3	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.7
-30°	3.5	2.9	2.2	1.7	1.7	1.7	1.3	0.9	0.8	0.8	0.7
-31.25°	3.4	2.8	2.1	1.7	1.7	1.7	1.3	0.9	0.8	0.8	0.7
-32.5°	3.3	2.7	2.0	1.7	1.7	1.7	1.3	0.9	0.8	0.8	0.7
-33.75°	3.3	2.6	1.9	1.7	1.7	1.6	1.2	0.9	0.8	0.8	0.7
-35°	3.1	2.5	1.8	1.7	1.7	1.6	1.2	0.8	0.8	0.8	0.7
-36.25°	3.0	2.4	1.7	1.7	1.7	1.5	1.2	0.8	0.8	0.8	0.6
-37.5°	2.9	2.3	1.7	1.7	1.7	1.5	1.1	0.8	0.8	0.8	0.6
-38.75°	2.8	2.1	1.7	1.7	1.7	1.5	1.1	0.8	0.8	0.8	0.6
-40°	2.6	2.0	1.7	1.7	1.7	1.4	1.1	0.8	0.8	0.8	0.6
-41.25°	2.5	1.9	1.7	1.7	1.7	1.4	1.0	0.8	0.8	0.8	0.6
-42.5°	2.3	1.8	1.7	1.7	1.6	1.3	1.0	0.8	0.8	0.8	0.6
-43.75°	2.2	1.7	1.7	1.7	1.6	1.3	0.9	0.8	0.8	0.8	0.6
-45°	2.0	1.7	1.7	1.7	1.5	1.2	0.9	0.8	0.8	0.8	0.6
-46.25°	1.9	1.7	1.7	1.7	1.5	1.2	0.9	0.8	0.8	0.8	0.6
-47.5°	1.7	1.7	1.7	1.7	1.4	1.1	0.8	0.8	0.8	0.8	0.5
-48.75°	1.7	1.7	1.7	1.7	1.4	1.1	0.8	0.8	0.8	0.8	0.5
-50°	1.7	1.7	1.7	1.6	1.3	1.0	0.8	0.8	0.8	0.8	0.5
-51.25°	1.7	1.7	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.5
-52.5°	1.7	1.7	1.7	1.5	1.2	0.9	0.8	0.8	0.8	0.7	0.5
-53.75°	1.7	1.7	1.6	1.4	1.1	0.9	0.8	0.8	0.8	0.7	0.5
-55°	1.7	1.7	1.6	1.3	1.1	0.8	0.8	0.8	0.8	0.7	0.5
-56.25°	1.7	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.7	0.4
-57.5°	1.7	1.6	1.4	1.2	0.9	0.8	0.8	0.8	0.8	0.6	0.4
-58.75°	1.7	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.6	0.4
-60°	1.7	1.5	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-61.25°	1.6	1.4	1.2	0.9	0.8	0.8	0.8	0.8	0.8	0.6	0.4
-62.5°	1.5	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.4
-63.75°	1.4	1.2	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.4
-65°	1.3	1.1	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.3
-66.25°	1.2	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: P220384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4097-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)