

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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

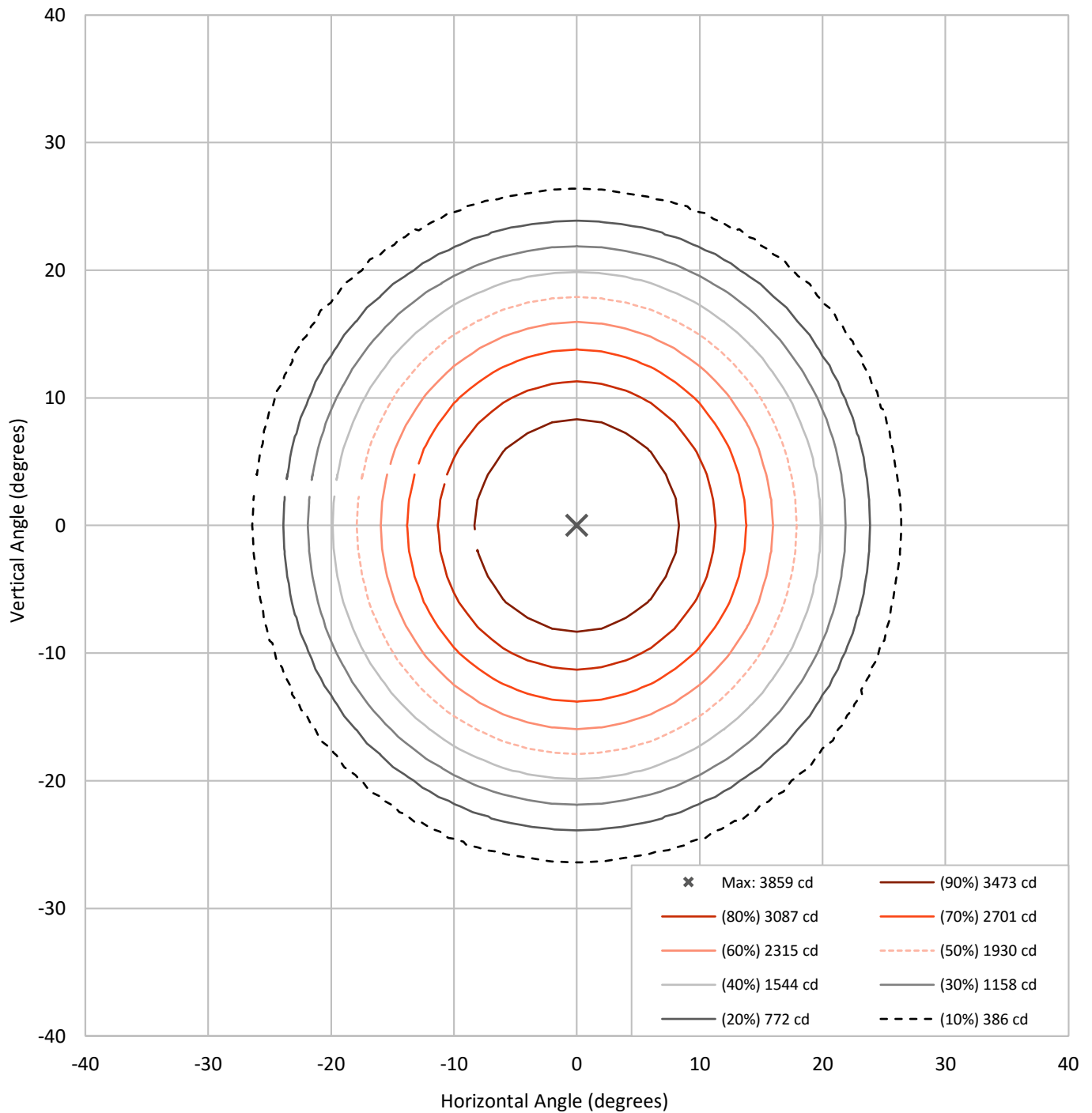
Test Method: LM-79-08
Report Number: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1502.2 lumens	Max Intensity:	3859 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	883.3 lumens	Field Lumens:	1254.7 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





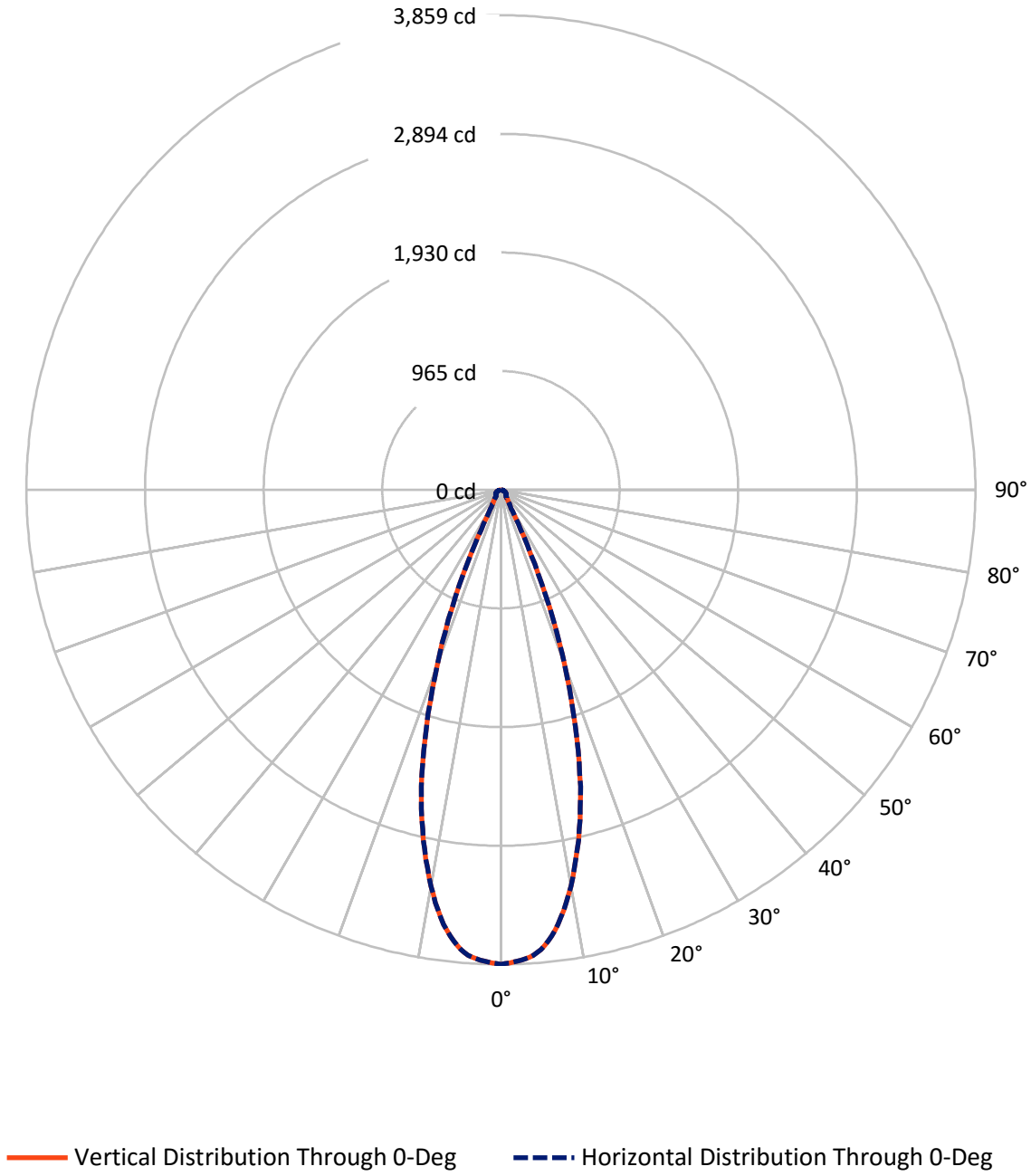
REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.0	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.0										
80	0.0	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.0										
70	0.2	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2	0.2			
60		0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2				
50	0.2	0.3	0.5	0.9	1.3	1.5	1.7	1.8	1.8	1.7	1.5	1.3	0.9	0.5	0.3	0.2			
40		0.3	0.7	1.1	1.4	1.7	2.1	2.7	2.7	2.1	1.7	1.4	1.1	0.7	0.3				
30	0.3	0.4	0.8	1.2	1.5	2.6	7.5	17.7	17.7	7.5	2.6	1.5	1.2	0.8	0.4	0.3			
20		0.4	0.8	1.2	1.8	7.1	37.8	68.8	68.8	37.8	7.1	1.8	1.2	0.8	0.4				
10	0.3	0.4	0.9	1.2	2.2	16.3	66.8	105.6	105.6	66.8	16.3	2.2	1.2	0.9	0.4	0.3			
0		0.4	0.9	1.2	2.2	16.3	66.8	105.6	105.6	66.8	16.3	2.2	1.2	0.9	0.4				
-10	0.3	0.4	0.8	1.2	1.8	7.1	37.8	68.8	68.8	37.8	7.1	1.8	1.2	0.8	0.4	0.3			
-20		0.4	0.8	1.2	1.5	2.6	7.5	17.7	17.7	7.5	2.6	1.5	1.2	0.8	0.4				
-30	0.2	0.3	0.7	1.1	1.4	1.7	2.1	2.7	2.7	2.1	1.7	1.4	1.1	0.7	0.3	0.2			
-40		0.3	0.5	0.9	1.3	1.5	1.7	1.8	1.8	1.7	1.5	1.3	0.9	0.5	0.3				
-50	0.2	0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2	0.2			
-60		0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2				
-70	0.0	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.0							0.0			
-80		0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.0										
-90	0.0	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

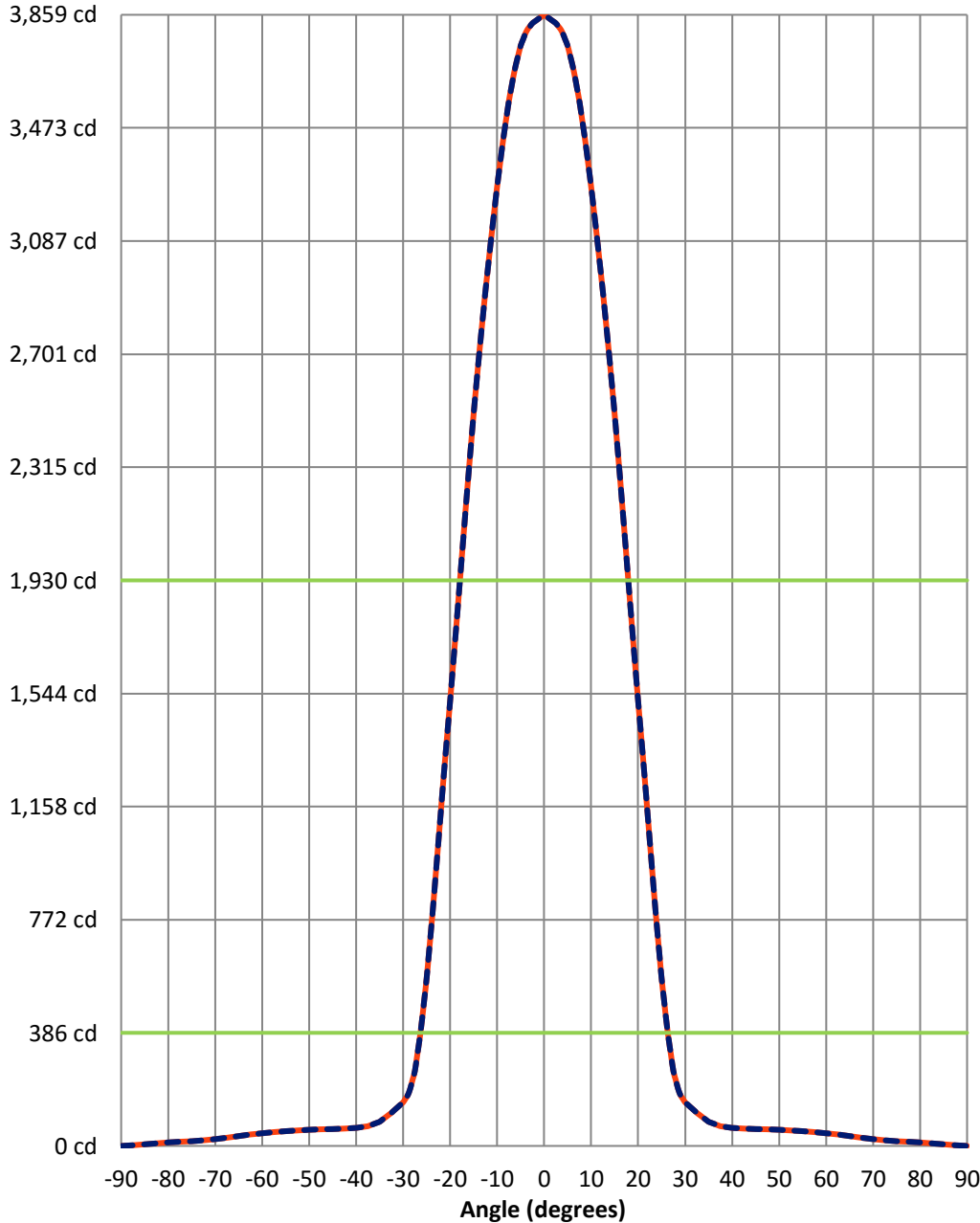
REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 35.8°
 V Angle: 35.8°
 Lumens: 883.3
 Efficiency: 58.8%

Field:
 H Angle: 52.6°
 V Angle: 52.6°
 Lumens: 1254.7
 Efficiency: 83.5%

Spill:
 Lumens: 247.4
 Efficiency: 16.5%

— 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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
83.75°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6
81.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
78.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
76.25°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	3.0
75°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.9	3.3
73.75°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.8	3.2	3.6
72.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.0	3.5	4.0
71.25°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.8	3.3	3.8	4.3
70°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.1	4.6
68.75°	0.0	0.4	0.9	1.3	1.7	2.2	2.7	3.2	3.8	4.4	5.0
67.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.9	3.5	4.1	4.7	5.3
66.25°	0.0	0.5	1.0	1.4	1.9	2.4	3.1	3.7	4.3	5.0	5.6
65°	0.0	0.5	1.0	1.5	2.0	2.6	3.2	3.9	4.6	5.3	5.9
63.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.4	4.1	4.8	5.5	6.2
62.5°	0.0	0.6	1.1	1.7	2.2	2.9	3.6	4.4	5.1	5.8	6.5
61.25°	0.0	0.6	1.2	1.7	2.3	3.0	3.8	4.6	5.3	6.1	6.8
60°	0.0	0.6	1.2	1.8	2.4	3.2	4.0	4.8	5.6	6.4	7.2
58.75°	0.0	0.6	1.2	1.9	2.5	3.3	4.2	5.0	5.8	6.6	7.5
57.5°	0.0	0.6	1.3	1.9	2.6	3.5	4.3	5.2	6.1	6.9	7.7
56.25°	0.0	0.7	1.3	2.0	2.8	3.6	4.5	5.4	6.3	7.2	8.0
55°	0.0	0.7	1.4	2.1	2.9	3.8	4.7	5.6	6.5	7.4	8.3
53.75°	0.0	0.7	1.4	2.1	3.0	3.9	4.9	5.8	6.7	7.7	8.6
52.5°	0.0	0.7	1.5	2.2	3.1	4.1	5.0	6.0	7.0	7.9	8.9
51.25°	0.0	0.8	1.5	2.3	3.2	4.2	5.2	6.2	7.2	8.2	9.2
50°	0.0	0.8	1.5	2.3	3.3	4.3	5.4	6.4	7.4	8.4	9.4
48.75°	0.0	0.8	1.6	2.4	3.4	4.5	5.5	6.6	7.6	8.7	9.7
47.5°	0.0	0.8	1.6	2.4	3.5	4.6	5.7	6.8	7.8	8.9	10.0
46.25°	0.0	0.8	1.7	2.5	3.6	4.7	5.8	6.9	8.0	9.1	10.2
45°	0.0	0.8	1.7	2.6	3.7	4.9	6.0	7.1	8.2	9.3	10.5
43.75°	0.0	0.9	1.7	2.7	3.8	5.0	6.1	7.3	8.4	9.6	10.7
42.5°	0.0	0.9	1.8	2.7	3.9	5.1	6.3	7.4	8.6	9.8	11.0
41.25°	0.0	0.9	1.8	2.8	4.0	5.2	6.4	7.6	8.8	10.0	11.2
40°	0.0	0.9	1.8	2.9	4.1	5.3	6.5	7.8	9.0	10.2	11.4
38.75°	0.0	0.9	1.9	2.9	4.2	5.4	6.7	7.9	9.2	10.4	11.6
37.5°	0.0	1.0	1.9	3.0	4.3	5.5	6.8	8.1	9.3	10.6	11.9
36.25°	0.0	1.0	1.9	3.1	4.4	5.6	6.9	8.2	9.5	10.8	12.1
35°	0.0	1.0	2.0	3.1	4.4	5.7	7.1	8.4	9.7	11.0	12.2



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.0	2.0	3.2	4.5	5.8	7.2	8.5	9.8	11.1	12.4
32.5°	0.0	1.0	2.0	3.2	4.6	5.9	7.3	8.6	10.0	11.3	12.5
31.25°	0.0	1.0	2.1	3.3	4.7	6.0	7.4	8.8	10.1	11.5	12.6
30°	0.0	1.0	2.1	3.4	4.7	6.1	7.5	8.9	10.3	11.7	12.8
28.75°	0.0	1.1	2.1	3.4	4.8	6.2	7.6	9.0	10.4	11.8	12.9
27.5°	0.0	1.1	2.1	3.5	4.9	6.3	7.7	9.1	10.5	12.0	13.0
26.25°	0.0	1.1	2.2	3.5	4.9	6.4	7.8	9.2	10.7	12.1	13.1
25°	0.0	1.1	2.2	3.5	5.0	6.4	7.9	9.3	10.8	12.2	13.3
23.75°	0.0	1.1	2.2	3.6	5.1	6.5	8.0	9.4	10.9	12.3	13.4
22.5°	0.0	1.1	2.2	3.6	5.1	6.6	8.1	9.5	11.0	12.4	13.5
21.25°	0.0	1.1	2.2	3.7	5.2	6.7	8.1	9.6	11.1	12.5	13.6
20°	0.0	1.1	2.3	3.7	5.2	6.7	8.2	9.7	11.2	12.5	13.7
18.75°	0.0	1.1	2.3	3.7	5.3	6.8	8.3	9.8	11.3	12.6	13.8
17.5°	0.0	1.1	2.3	3.8	5.3	6.8	8.4	9.9	11.4	12.7	13.8
16.25°	0.0	1.2	2.3	3.8	5.3	6.9	8.4	9.9	11.5	12.8	13.9
15°	0.0	1.2	2.3	3.8	5.4	6.9	8.5	10.0	11.6	12.8	14.0
13.75°	0.0	1.2	2.3	3.9	5.4	7.0	8.5	10.1	11.6	12.9	14.1
12.5°	0.0	1.2	2.3	3.9	5.4	7.0	8.6	10.1	11.7	12.9	14.1
11.25°	0.0	1.2	2.4	3.9	5.5	7.0	8.6	10.2	11.8	13.0	14.2
10°	0.0	1.2	2.4	3.9	5.5	7.1	8.7	10.2	11.8	13.0	14.2
8.75°	0.0	1.2	2.4	3.9	5.5	7.1	8.7	10.3	11.8	13.1	14.3
7.5°	0.0	1.2	2.4	4.0	5.5	7.1	8.7	10.3	11.9	13.1	14.3
6.25°	0.0	1.2	2.4	4.0	5.6	7.2	8.7	10.3	11.9	13.1	14.3
5°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
3.75°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
2.5°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
1.25°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
0°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
-1.25°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
-2.5°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
-3.75°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
-5°	0.0	1.2	2.4	4.0	5.6	7.2	8.8	10.4	12.0	13.2	14.4
-6.25°	0.0	1.2	2.4	4.0	5.6	7.2	8.7	10.3	11.9	13.1	14.3
-7.5°	0.0	1.2	2.4	4.0	5.5	7.1	8.7	10.3	11.9	13.1	14.3
-8.75°	0.0	1.2	2.4	3.9	5.5	7.1	8.7	10.3	11.8	13.1	14.3
-10°	0.0	1.2	2.4	3.9	5.5	7.1	8.7	10.2	11.8	13.0	14.2
-11.25°	0.0	1.2	2.4	3.9	5.5	7.0	8.6	10.2	11.8	13.0	14.2
-12.5°	0.0	1.2	2.3	3.9	5.4	7.0	8.6	10.1	11.7	12.9	14.1
-13.75°	0.0	1.2	2.3	3.9	5.4	7.0	8.5	10.1	11.6	12.9	14.1
-15°	0.0	1.2	2.3	3.8	5.4	6.9	8.5	10.0	11.6	12.8	14.0
-16.25°	0.0	1.2	2.3	3.8	5.3	6.9	8.4	9.9	11.5	12.8	13.9
-17.5°	0.0	1.1	2.3	3.8	5.3	6.8	8.4	9.9	11.4	12.7	13.8
-18.75°	0.0	1.1	2.3	3.7	5.3	6.8	8.3	9.8	11.3	12.6	13.8
-20°	0.0	1.1	2.3	3.7	5.2	6.7	8.2	9.7	11.2	12.5	13.7
-21.25°	0.0	1.1	2.2	3.7	5.2	6.7	8.1	9.6	11.1	12.5	13.6



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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	1.1	2.2	3.6	5.1	6.6	8.1	9.5	11.0	12.4	13.5
-23.75°	0.0	1.1	2.2	3.6	5.1	6.5	8.0	9.4	10.9	12.3	13.4
-25°	0.0	1.1	2.2	3.5	5.0	6.4	7.9	9.3	10.8	12.2	13.3
-26.25°	0.0	1.1	2.2	3.5	4.9	6.4	7.8	9.2	10.7	12.1	13.1
-27.5°	0.0	1.1	2.1	3.5	4.9	6.3	7.7	9.1	10.5	12.0	13.0
-28.75°	0.0	1.1	2.1	3.4	4.8	6.2	7.6	9.0	10.4	11.8	12.9
-30°	0.0	1.0	2.1	3.4	4.7	6.1	7.5	8.9	10.3	11.7	12.8
-31.25°	0.0	1.0	2.1	3.3	4.7	6.0	7.4	8.8	10.1	11.5	12.6
-32.5°	0.0	1.0	2.0	3.2	4.6	5.9	7.3	8.6	10.0	11.3	12.5
-33.75°	0.0	1.0	2.0	3.2	4.5	5.8	7.2	8.5	9.8	11.1	12.4
-35°	0.0	1.0	2.0	3.1	4.4	5.7	7.1	8.4	9.7	11.0	12.2
-36.25°	0.0	1.0	1.9	3.1	4.4	5.6	6.9	8.2	9.5	10.8	12.1
-37.5°	0.0	1.0	1.9	3.0	4.3	5.5	6.8	8.1	9.3	10.6	11.9
-38.75°	0.0	0.9	1.9	2.9	4.2	5.4	6.7	7.9	9.2	10.4	11.6
-40°	0.0	0.9	1.8	2.9	4.1	5.3	6.5	7.8	9.0	10.2	11.4
-41.25°	0.0	0.9	1.8	2.8	4.0	5.2	6.4	7.6	8.8	10.0	11.2
-42.5°	0.0	0.9	1.8	2.7	3.9	5.1	6.3	7.4	8.6	9.8	11.0
-43.75°	0.0	0.9	1.7	2.7	3.8	5.0	6.1	7.3	8.4	9.6	10.7
-45°	0.0	0.8	1.7	2.6	3.7	4.9	6.0	7.1	8.2	9.3	10.5
-46.25°	0.0	0.8	1.7	2.5	3.6	4.7	5.8	6.9	8.0	9.1	10.2
-47.5°	0.0	0.8	1.6	2.4	3.5	4.6	5.7	6.8	7.8	8.9	10.0
-48.75°	0.0	0.8	1.6	2.4	3.4	4.5	5.5	6.6	7.6	8.7	9.7
-50°	0.0	0.8	1.5	2.3	3.3	4.3	5.4	6.4	7.4	8.4	9.4
-51.25°	0.0	0.8	1.5	2.3	3.2	4.2	5.2	6.2	7.2	8.2	9.2
-52.5°	0.0	0.7	1.5	2.2	3.1	4.1	5.0	6.0	7.0	7.9	8.9
-53.75°	0.0	0.7	1.4	2.1	3.0	3.9	4.9	5.8	6.7	7.7	8.6
-55°	0.0	0.7	1.4	2.1	2.9	3.8	4.7	5.6	6.5	7.4	8.3
-56.25°	0.0	0.7	1.3	2.0	2.8	3.6	4.5	5.4	6.3	7.2	8.0
-57.5°	0.0	0.6	1.3	1.9	2.6	3.5	4.3	5.2	6.1	6.9	7.7
-58.75°	0.0	0.6	1.2	1.9	2.5	3.3	4.2	5.0	5.8	6.6	7.5
-60°	0.0	0.6	1.2	1.8	2.4	3.2	4.0	4.8	5.6	6.4	7.2
-61.25°	0.0	0.6	1.2	1.7	2.3	3.0	3.8	4.6	5.3	6.1	6.8
-62.5°	0.0	0.6	1.1	1.7	2.2	2.9	3.6	4.4	5.1	5.8	6.5
-63.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.4	4.1	4.8	5.5	6.2
-65°	0.0	0.5	1.0	1.5	2.0	2.6	3.2	3.9	4.6	5.3	5.9
-66.25°	0.0	0.5	1.0	1.4	1.9	2.4	3.1	3.7	4.3	5.0	5.6
-67.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.9	3.5	4.1	4.7	5.3
-68.75°	0.0	0.4	0.9	1.3	1.7	2.2	2.7	3.2	3.8	4.4	5.0
-70°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.1	4.6
-71.25°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.8	3.3	3.8	4.3
-72.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.0	3.5	4.0
-73.75°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.8	3.2	3.6
-75°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.9	3.3
-76.25°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.6	3.0
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
-81.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6
-83.75°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-88.75°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
86.25°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6
85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
83.75°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7
82.5°	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4
81.25°	2.0	2.2	2.3	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1
80°	2.3	2.5	2.8	3.0	3.3	3.6	3.8	4.1	4.3	4.6	4.8
78.75°	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.5
77.5°	3.0	3.3	3.6	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.2
76.25°	3.3	3.7	4.1	4.4	4.8	5.2	5.5	5.9	6.2	6.6	6.9
75°	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6
73.75°	4.1	4.5	4.9	5.4	5.8	6.2	6.7	7.1	7.5	7.9	8.3
72.5°	4.4	4.9	5.4	5.8	6.3	6.8	7.2	7.7	8.1	8.5	9.0
71.25°	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.2	8.7	9.2	9.7
70°	5.2	5.7	6.2	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3
68.75°	5.5	6.1	6.7	7.2	7.8	8.3	8.9	9.4	9.9	10.5	11.0
67.5°	5.9	6.5	7.1	7.7	8.2	8.8	9.4	10.0	10.5	11.1	11.7
66.25°	6.2	6.9	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3
65°	6.6	7.2	7.9	8.5	9.2	9.8	10.5	11.1	11.7	12.3	12.7
63.75°	6.9	7.6	8.3	9.0	9.7	10.3	11.0	11.7	12.3	12.7	13.2
62.5°	7.3	8.0	8.7	9.4	10.1	10.8	11.5	12.2	12.7	13.2	13.7
61.25°	7.6	8.4	9.1	9.8	10.6	11.3	12.0	12.6	13.1	13.7	14.2
60°	7.9	8.7	9.5	10.3	11.0	11.8	12.4	13.0	13.6	14.1	14.6
58.75°	8.3	9.1	9.9	10.7	11.5	12.2	12.8	13.4	14.0	14.5	14.9
57.5°	8.6	9.4	10.3	11.1	11.9	12.6	13.2	13.8	14.4	14.8	15.2
56.25°	8.9	9.8	10.6	11.5	12.3	12.9	13.6	14.2	14.7	15.1	15.5
55°	9.2	10.1	11.0	11.9	12.6	13.3	13.9	14.5	14.9	15.4	15.8
53.75°	9.5	10.5	11.4	12.2	12.9	13.6	14.3	14.8	15.2	15.7	16.2
52.5°	9.8	10.8	11.8	12.5	13.2	13.9	14.6	15.0	15.5	15.9	16.8
51.25°	10.2	11.1	12.1	12.8	13.5	14.3	14.8	15.3	15.7	16.4	17.4
50°	10.4	11.5	12.3	13.1	13.8	14.5	15.0	15.5	16.0	17.0	17.9
48.75°	10.7	11.8	12.6	13.4	14.1	14.7	15.2	15.8	16.5	17.5	18.5
47.5°	11.0	12.1	12.9	13.7	14.4	15.0	15.5	16.0	17.0	18.0	19.1
46.25°	11.3	12.3	13.1	13.9	14.6	15.2	15.7	16.4	17.5	18.6	19.7
45°	11.6	12.5	13.4	14.2	14.8	15.4	15.9	16.9	18.0	19.1	20.4
43.75°	11.9	12.7	13.6	14.4	15.0	15.6	16.2	17.3	18.4	19.6	21.0
42.5°	12.1	13.0	13.8	14.6	15.2	15.7	16.6	17.8	18.9	20.2	21.7
41.25°	12.3	13.2	14.1	14.8	15.4	15.9	17.0	18.2	19.4	20.8	22.3
40°	12.5	13.4	14.3	14.9	15.5	16.2	17.4	18.6	20.0	21.4	22.9
38.75°	12.7	13.6	14.5	15.1	15.7	16.6	17.8	19.0	20.5	22.0	23.5
37.5°	12.8	13.8	14.6	15.2	15.9	17.0	18.2	19.5	21.0	22.5	24.2
36.25°	13.0	14.0	14.7	15.4	16.0	17.3	18.6	20.0	21.5	23.1	24.9
35°	13.2	14.2	14.9	15.5	16.3	17.6	18.9	20.4	22.0	23.7	25.6



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	13.3	14.3	15.0	15.7	16.6	17.9	19.3	20.9	22.5	24.3	26.2
32.5°	13.5	14.5	15.1	15.8	16.9	18.3	19.7	21.3	23.0	24.9	26.9
31.25°	13.7	14.6	15.3	15.9	17.2	18.6	20.1	21.8	23.5	25.5	27.5
30°	13.8	14.7	15.4	16.1	17.5	18.9	20.5	22.2	24.0	26.0	28.0
28.75°	13.9	14.8	15.5	16.4	17.8	19.1	20.8	22.6	24.5	26.6	28.7
27.5°	14.1	14.9	15.6	16.6	18.0	19.5	21.2	22.9	25.0	27.1	29.3
26.25°	14.2	15.0	15.7	16.8	18.2	19.8	21.6	23.3	25.5	27.6	30.0
25°	14.3	15.1	15.8	17.0	18.5	20.1	21.9	23.8	25.9	28.0	30.5
23.75°	14.4	15.2	15.9	17.2	18.7	20.4	22.2	24.2	26.3	28.6	31.1
22.5°	14.5	15.3	16.0	17.4	18.9	20.7	22.5	24.6	26.7	29.1	31.6
21.25°	14.6	15.3	16.2	17.6	19.1	20.9	22.8	24.9	27.1	29.6	32.1
20°	14.7	15.4	16.3	17.8	19.3	21.2	23.1	25.3	27.5	30.0	32.6
18.75°	14.7	15.5	16.5	18.0	19.6	21.4	23.3	25.6	27.8	30.4	33.1
17.5°	14.8	15.5	16.6	18.1	19.8	21.7	23.6	25.9	28.2	30.8	33.5
16.25°	14.8	15.6	16.7	18.3	20.0	21.9	23.9	26.2	28.6	31.2	33.9
15°	14.9	15.7	16.9	18.4	20.1	22.1	24.1	26.5	28.9	31.6	34.3
13.75°	14.9	15.7	17.0	18.5	20.3	22.2	24.4	26.7	29.2	31.9	34.6
12.5°	15.0	15.8	17.1	18.7	20.5	22.4	24.6	26.9	29.5	32.2	34.9
11.25°	15.0	15.8	17.2	18.8	20.6	22.6	24.8	27.1	29.7	32.5	35.2
10°	15.1	15.9	17.3	18.8	20.7	22.7	25.0	27.3	29.9	32.7	35.4
8.75°	15.1	15.9	17.4	18.9	20.8	22.8	25.1	27.5	30.1	32.9	35.7
7.5°	15.1	15.9	17.4	19.0	20.9	22.9	25.2	27.6	30.3	33.1	35.9
6.25°	15.1	15.9	17.5	19.1	21.0	23.0	25.3	27.7	30.5	33.2	36.0
5°	15.2	16.0	17.5	19.1	21.1	23.1	25.4	27.8	30.6	33.4	36.2
3.75°	15.2	16.0	17.6	19.2	21.1	23.1	25.5	27.9	30.7	33.5	36.3
2.5°	15.2	16.0	17.6	19.2	21.2	23.2	25.6	28.0	30.7	33.5	36.3
1.25°	15.2	16.0	17.6	19.2	21.2	23.2	25.6	28.0	30.8	33.6	36.4
0°	15.2	16.0	17.6	19.2	21.2	23.2	25.6	28.0	30.8	33.6	36.4
-1.25°	15.2	16.0	17.6	19.2	21.2	23.2	25.6	28.0	30.8	33.6	36.4
-2.5°	15.2	16.0	17.6	19.2	21.2	23.2	25.6	28.0	30.7	33.5	36.3
-3.75°	15.2	16.0	17.6	19.2	21.1	23.1	25.5	27.9	30.7	33.5	36.3
-5°	15.2	16.0	17.5	19.1	21.1	23.1	25.4	27.8	30.6	33.4	36.2
-6.25°	15.1	15.9	17.5	19.1	21.0	23.0	25.3	27.7	30.5	33.2	36.0
-7.5°	15.1	15.9	17.4	19.0	20.9	22.9	25.2	27.6	30.3	33.1	35.9
-8.75°	15.1	15.9	17.4	18.9	20.8	22.8	25.1	27.5	30.1	32.9	35.7
-10°	15.1	15.9	17.3	18.8	20.7	22.7	25.0	27.3	29.9	32.7	35.4
-11.25°	15.0	15.8	17.2	18.8	20.6	22.6	24.8	27.1	29.7	32.5	35.2
-12.5°	15.0	15.8	17.1	18.7	20.5	22.4	24.6	26.9	29.5	32.2	34.9
-13.75°	14.9	15.7	17.0	18.5	20.3	22.2	24.4	26.7	29.2	31.9	34.6
-15°	14.9	15.7	16.9	18.4	20.1	22.1	24.1	26.5	28.9	31.6	34.3
-16.25°	14.8	15.6	16.7	18.3	20.0	21.9	23.9	26.2	28.6	31.2	33.9
-17.5°	14.8	15.5	16.6	18.1	19.8	21.7	23.6	25.9	28.2	30.8	33.5
-18.75°	14.7	15.5	16.5	18.0	19.6	21.4	23.3	25.6	27.8	30.4	33.1
-20°	14.7	15.4	16.3	17.8	19.3	21.2	23.1	25.3	27.5	30.0	32.6
-21.25°	14.6	15.3	16.2	17.6	19.1	20.9	22.8	24.9	27.1	29.6	32.1



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	14.5	15.3	16.0	17.4	18.9	20.7	22.5	24.6	26.7	29.1	31.6
-23.75°	14.4	15.2	15.9	17.2	18.7	20.4	22.2	24.2	26.3	28.6	31.1
-25°	14.3	15.1	15.8	17.0	18.5	20.1	21.9	23.8	25.9	28.0	30.5
-26.25°	14.2	15.0	15.7	16.8	18.2	19.8	21.6	23.3	25.5	27.6	30.0
-27.5°	14.1	14.9	15.6	16.6	18.0	19.5	21.2	22.9	25.0	27.1	29.3
-28.75°	13.9	14.8	15.5	16.4	17.8	19.1	20.8	22.6	24.5	26.6	28.7
-30°	13.8	14.7	15.4	16.1	17.5	18.9	20.5	22.2	24.0	26.0	28.0
-31.25°	13.7	14.6	15.3	15.9	17.2	18.6	20.1	21.8	23.5	25.5	27.5
-32.5°	13.5	14.5	15.1	15.8	16.9	18.3	19.7	21.3	23.0	24.9	26.9
-33.75°	13.3	14.3	15.0	15.7	16.6	17.9	19.3	20.9	22.5	24.3	26.2
-35°	13.2	14.2	14.9	15.5	16.3	17.6	18.9	20.4	22.0	23.7	25.6
-36.25°	13.0	14.0	14.7	15.4	16.0	17.3	18.6	20.0	21.5	23.1	24.9
-37.5°	12.8	13.8	14.6	15.2	15.9	17.0	18.2	19.5	21.0	22.5	24.2
-38.75°	12.7	13.6	14.5	15.1	15.7	16.6	17.8	19.0	20.5	22.0	23.5
-40°	12.5	13.4	14.3	14.9	15.5	16.2	17.4	18.6	20.0	21.4	22.9
-41.25°	12.3	13.2	14.1	14.8	15.4	15.9	17.0	18.2	19.4	20.8	22.3
-42.5°	12.1	13.0	13.8	14.6	15.2	15.7	16.6	17.8	18.9	20.2	21.7
-43.75°	11.9	12.7	13.6	14.4	15.0	15.6	16.2	17.3	18.4	19.6	21.0
-45°	11.6	12.5	13.4	14.2	14.8	15.4	15.9	16.9	18.0	19.1	20.4
-46.25°	11.3	12.3	13.1	13.9	14.6	15.2	15.7	16.4	17.5	18.6	19.7
-47.5°	11.0	12.1	12.9	13.7	14.4	15.0	15.5	16.0	17.0	18.0	19.1
-48.75°	10.7	11.8	12.6	13.4	14.1	14.7	15.2	15.8	16.5	17.5	18.5
-50°	10.4	11.5	12.3	13.1	13.8	14.5	15.0	15.5	16.0	17.0	17.9
-51.25°	10.2	11.1	12.1	12.8	13.5	14.3	14.8	15.3	15.7	16.4	17.4
-52.5°	9.8	10.8	11.8	12.5	13.2	13.9	14.6	15.0	15.5	15.9	16.8
-53.75°	9.5	10.5	11.4	12.2	12.9	13.6	14.3	14.8	15.2	15.7	16.2
-55°	9.2	10.1	11.0	11.9	12.6	13.3	13.9	14.5	14.9	15.4	15.8
-56.25°	8.9	9.8	10.6	11.5	12.3	12.9	13.6	14.2	14.7	15.1	15.5
-57.5°	8.6	9.4	10.3	11.1	11.9	12.6	13.2	13.8	14.4	14.8	15.2
-58.75°	8.3	9.1	9.9	10.7	11.5	12.2	12.8	13.4	14.0	14.5	14.9
-60°	7.9	8.7	9.5	10.3	11.0	11.8	12.4	13.0	13.6	14.1	14.6
-61.25°	7.6	8.4	9.1	9.8	10.6	11.3	12.0	12.6	13.1	13.7	14.2
-62.5°	7.3	8.0	8.7	9.4	10.1	10.8	11.5	12.2	12.7	13.2	13.7
-63.75°	6.9	7.6	8.3	9.0	9.7	10.3	11.0	11.7	12.3	12.7	13.2
-65°	6.6	7.2	7.9	8.5	9.2	9.8	10.5	11.1	11.7	12.3	12.7
-66.25°	6.2	6.9	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3
-67.5°	5.9	6.5	7.1	7.7	8.2	8.8	9.4	10.0	10.5	11.1	11.7
-68.75°	5.5	6.1	6.7	7.2	7.8	8.3	8.9	9.4	9.9	10.5	11.0
-70°	5.2	5.7	6.2	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3
-71.25°	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.2	8.7	9.2	9.7
-72.5°	4.4	4.9	5.4	5.8	6.3	6.8	7.2	7.7	8.1	8.5	9.0
-73.75°	4.1	4.5	4.9	5.4	5.8	6.2	6.7	7.1	7.5	7.9	8.3
-75°	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6
-76.25°	3.3	3.7	4.1	4.4	4.8	5.2	5.5	5.9	6.2	6.6	6.9
-77.5°	3.0	3.3	3.6	4.0	4.3	4.6	5.0	5.3	5.6	5.9	6.2



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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°	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.5
-80°	2.3	2.5	2.8	3.0	3.3	3.6	3.8	4.1	4.3	4.6	4.8
-81.25°	2.0	2.2	2.3	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1
-82.5°	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4
-83.75°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7
-85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-86.25°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
86.25°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3
85°	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3
83.75°	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3
82.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.2	5.4
81.25°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4
80°	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	7.0	7.2	7.4
78.75°	5.8	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4
77.5°	6.5	6.8	7.2	7.5	7.7	8.0	8.3	8.6	8.9	9.2	9.4
76.25°	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.2	10.4
75°	8.0	8.4	8.7	9.1	9.4	9.8	10.1	10.5	10.8	11.1	11.5
73.75°	8.7	9.1	9.5	9.9	10.3	10.6	11.0	11.4	11.8	12.1	12.3
72.5°	9.4	9.8	10.3	10.7	11.1	11.5	11.9	12.2	12.5	12.8	13.1
71.25°	10.1	10.6	11.0	11.5	11.9	12.3	12.6	12.9	13.2	13.5	13.8
70°	10.8	11.3	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.5
68.75°	11.5	12.0	12.4	12.8	13.2	13.6	13.9	14.3	14.6	14.8	15.0
67.5°	12.2	12.6	13.0	13.4	13.8	14.2	14.5	14.8	15.0	15.3	15.5
66.25°	12.7	13.1	13.6	14.0	14.4	14.7	14.9	15.2	15.5	15.7	16.0
65°	13.2	13.7	14.1	14.5	14.8	15.1	15.4	15.7	15.9	16.4	17.0
63.75°	13.7	14.2	14.6	14.9	15.2	15.5	15.8	16.2	16.8	17.4	17.9
62.5°	14.2	14.6	14.9	15.3	15.6	15.9	16.5	17.1	17.7	18.3	18.9
61.25°	14.6	15.0	15.3	15.6	16.0	16.6	17.3	18.0	18.6	19.2	20.0
60°	14.9	15.3	15.7	16.0	16.7	17.4	18.1	18.8	19.6	20.4	21.2
58.75°	15.3	15.6	16.0	16.8	17.5	18.2	19.0	19.8	20.7	21.5	22.4
57.5°	15.6	16.0	16.7	17.5	18.3	19.0	19.9	20.8	21.7	22.6	23.6
56.25°	15.9	16.6	17.4	18.2	19.0	20.0	20.9	21.9	22.8	23.9	25.0
55°	16.5	17.3	18.1	19.0	19.9	20.9	21.9	22.9	24.0	25.2	26.3
53.75°	17.1	18.0	18.8	19.8	20.8	21.9	22.9	24.1	25.3	26.5	27.7
52.5°	17.7	18.6	19.6	20.7	21.7	22.8	24.0	25.3	26.6	27.8	29.2
51.25°	18.3	19.2	20.4	21.5	22.6	23.9	25.2	26.5	27.8	29.3	30.7
50°	18.9	20.0	21.2	22.4	23.6	25.0	26.3	27.7	29.2	30.7	32.3
48.75°	19.6	20.8	22.0	23.2	24.6	26.1	27.5	29.0	30.6	32.2	33.8
47.5°	20.3	21.5	22.8	24.2	25.7	27.1	28.7	30.3	32.0	33.6	35.3
46.25°	21.0	22.3	23.6	25.2	26.7	28.2	29.9	31.7	33.4	35.1	36.7
45°	21.7	23.0	24.6	26.1	27.7	29.4	31.2	33.0	34.7	36.4	38.2
43.75°	22.4	23.8	25.5	27.1	28.8	30.6	32.4	34.2	36.0	37.8	39.5
42.5°	23.0	24.7	26.3	28.0	29.9	31.8	33.6	35.5	37.3	39.2	40.5
41.25°	23.8	25.5	27.2	29.0	31.0	32.9	34.8	36.7	38.6	40.1	41.4
40°	24.6	26.3	28.0	30.1	32.0	34.0	36.0	37.9	39.7	41.0	42.4
38.75°	25.3	27.1	29.0	31.1	33.1	35.1	37.1	39.1	40.6	42.0	43.3
37.5°	26.1	27.9	30.0	32.0	34.1	36.2	38.2	40.0	41.4	42.8	44.3
36.25°	26.8	28.7	30.9	33.0	35.1	37.2	39.3	40.8	42.2	43.7	45.2
35°	27.5	29.6	31.8	33.9	36.1	38.2	40.0	41.6	43.1	44.6	46.0



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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°
33.75°	28.2	30.4	32.6	34.8	37.0	39.2	40.8	42.3	43.9	45.4	46.9
32.5°	28.9	31.2	33.5	35.7	38.0	39.9	41.5	43.1	44.6	46.2	47.6
31.25°	29.7	32.0	34.3	36.6	38.9	40.6	42.2	43.8	45.4	47.0	48.3
30°	30.4	32.7	35.1	37.4	39.6	41.2	42.9	44.5	46.1	47.6	48.9
28.75°	31.1	33.5	35.8	38.2	40.2	41.8	43.5	45.2	46.8	48.2	49.5
27.5°	31.8	34.2	36.6	39.0	40.7	42.4	44.1	45.8	47.4	48.8	50.1
26.25°	32.4	34.8	37.3	39.6	41.3	43.0	44.7	46.4	48.0	49.3	50.6
25°	33.0	35.5	38.0	40.1	41.8	43.6	45.3	47.0	48.5	49.8	51.0
23.75°	33.6	36.1	38.6	40.6	42.3	44.1	45.9	47.5	48.9	50.3	51.4
22.5°	34.2	36.7	39.2	41.0	42.8	44.6	46.4	48.0	49.4	50.7	51.8
21.25°	34.7	37.3	39.6	41.5	43.3	45.1	46.9	48.4	49.8	51.1	52.1
20°	35.2	37.8	40.0	41.9	43.7	45.6	47.3	48.8	50.3	51.4	52.5
18.75°	35.7	38.3	40.4	42.3	44.1	46.0	47.7	49.2	50.6	51.7	52.8
17.5°	36.1	38.8	40.8	42.6	44.5	46.4	48.0	49.5	50.9	52.0	53.1
16.25°	36.5	39.2	41.1	43.0	44.9	46.8	48.4	49.9	51.1	52.3	53.4
15°	36.9	39.5	41.4	43.3	45.2	47.1	48.7	50.2	51.4	52.5	53.6
13.75°	37.3	39.8	41.7	43.6	45.5	47.4	48.9	50.5	51.6	52.7	53.9
12.5°	37.6	40.0	42.0	43.9	45.8	47.6	49.2	50.6	51.8	53.0	54.1
11.25°	37.9	40.2	42.2	44.1	46.1	47.9	49.4	50.8	52.0	53.2	54.3
10°	38.2	40.4	42.4	44.4	46.3	48.1	49.6	51.0	52.2	53.3	54.5
8.75°	38.4	40.6	42.6	44.6	46.5	48.2	49.8	51.1	52.3	53.5	54.7
7.5°	38.6	40.8	42.7	44.7	46.7	48.4	50.0	51.3	52.4	53.6	54.8
6.25°	38.8	40.9	42.9	44.9	46.9	48.5	50.1	51.4	52.5	53.7	54.9
5°	38.9	41.0	43.0	45.0	47.0	48.6	50.2	51.4	52.6	53.8	55.0
3.75°	39.1	41.1	43.1	45.1	47.1	48.7	50.3	51.5	52.7	53.9	55.1
2.5°	39.1	41.2	43.1	45.1	47.1	48.8	50.4	51.6	52.8	54.0	55.2
1.25°	39.2	41.2	43.2	45.2	47.2	48.8	50.4	51.6	52.8	54.0	55.2
0°	39.2	41.2	43.2	45.2	47.2	48.8	50.4	51.6	52.8	54.0	55.2
-1.25°	39.2	41.2	43.2	45.2	47.2	48.8	50.4	51.6	52.8	54.0	55.2
-2.5°	39.1	41.2	43.1	45.1	47.1	48.8	50.4	51.6	52.8	54.0	55.2
-3.75°	39.1	41.1	43.1	45.1	47.1	48.7	50.3	51.5	52.7	53.9	55.1
-5°	38.9	41.0	43.0	45.0	47.0	48.6	50.2	51.4	52.6	53.8	55.0
-6.25°	38.8	40.9	42.9	44.9	46.9	48.5	50.1	51.4	52.5	53.7	54.9
-7.5°	38.6	40.8	42.7	44.7	46.7	48.4	50.0	51.3	52.4	53.6	54.8
-8.75°	38.4	40.6	42.6	44.6	46.5	48.2	49.8	51.1	52.3	53.5	54.7
-10°	38.2	40.4	42.4	44.4	46.3	48.1	49.6	51.0	52.2	53.3	54.5
-11.25°	37.9	40.2	42.2	44.1	46.1	47.9	49.4	50.8	52.0	53.2	54.3
-12.5°	37.6	40.0	42.0	43.9	45.8	47.6	49.2	50.6	51.8	53.0	54.1
-13.75°	37.3	39.8	41.7	43.6	45.5	47.4	48.9	50.5	51.6	52.7	53.9
-15°	36.9	39.5	41.4	43.3	45.2	47.1	48.7	50.2	51.4	52.5	53.6
-16.25°	36.5	39.2	41.1	43.0	44.9	46.8	48.4	49.9	51.1	52.3	53.4
-17.5°	36.1	38.8	40.8	42.6	44.5	46.4	48.0	49.5	50.9	52.0	53.1
-18.75°	35.7	38.3	40.4	42.3	44.1	46.0	47.7	49.2	50.6	51.7	52.8
-20°	35.2	37.8	40.0	41.9	43.7	45.6	47.3	48.8	50.3	51.4	52.5
-21.25°	34.7	37.3	39.6	41.5	43.3	45.1	46.9	48.4	49.8	51.1	52.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	34.2	36.7	39.2	41.0	42.8	44.6	46.4	48.0	49.4	50.7	51.8
-23.75°	33.6	36.1	38.6	40.6	42.3	44.1	45.9	47.5	48.9	50.3	51.4
-25°	33.0	35.5	38.0	40.1	41.8	43.6	45.3	47.0	48.5	49.8	51.0
-26.25°	32.4	34.8	37.3	39.6	41.3	43.0	44.7	46.4	48.0	49.3	50.6
-27.5°	31.8	34.2	36.6	39.0	40.7	42.4	44.1	45.8	47.4	48.8	50.1
-28.75°	31.1	33.5	35.8	38.2	40.2	41.8	43.5	45.2	46.8	48.2	49.5
-30°	30.4	32.7	35.1	37.4	39.6	41.2	42.9	44.5	46.1	47.6	48.9
-31.25°	29.7	32.0	34.3	36.6	38.9	40.6	42.2	43.8	45.4	47.0	48.3
-32.5°	28.9	31.2	33.5	35.7	38.0	39.9	41.5	43.1	44.6	46.2	47.6
-33.75°	28.2	30.4	32.6	34.8	37.0	39.2	40.8	42.3	43.9	45.4	46.9
-35°	27.5	29.6	31.8	33.9	36.1	38.2	40.0	41.6	43.1	44.6	46.0
-36.25°	26.8	28.7	30.9	33.0	35.1	37.2	39.3	40.8	42.2	43.7	45.2
-37.5°	26.1	27.9	30.0	32.0	34.1	36.2	38.2	40.0	41.4	42.8	44.3
-38.75°	25.3	27.1	29.0	31.1	33.1	35.1	37.1	39.1	40.6	42.0	43.3
-40°	24.6	26.3	28.0	30.1	32.0	34.0	36.0	37.9	39.7	41.0	42.4
-41.25°	23.8	25.5	27.2	29.0	31.0	32.9	34.8	36.7	38.6	40.1	41.4
-42.5°	23.0	24.7	26.3	28.0	29.9	31.8	33.6	35.5	37.3	39.2	40.5
-43.75°	22.4	23.8	25.5	27.1	28.8	30.6	32.4	34.2	36.0	37.8	39.5
-45°	21.7	23.0	24.6	26.1	27.7	29.4	31.2	33.0	34.7	36.4	38.2
-46.25°	21.0	22.3	23.6	25.2	26.7	28.2	29.9	31.7	33.4	35.1	36.7
-47.5°	20.3	21.5	22.8	24.2	25.7	27.1	28.7	30.3	32.0	33.6	35.3
-48.75°	19.6	20.8	22.0	23.2	24.6	26.1	27.5	29.0	30.6	32.2	33.8
-50°	18.9	20.0	21.2	22.4	23.6	25.0	26.3	27.7	29.2	30.7	32.3
-51.25°	18.3	19.2	20.4	21.5	22.6	23.9	25.2	26.5	27.8	29.3	30.7
-52.5°	17.7	18.6	19.6	20.7	21.7	22.8	24.0	25.3	26.6	27.8	29.2
-53.75°	17.1	18.0	18.8	19.8	20.8	21.9	22.9	24.1	25.3	26.5	27.7
-55°	16.5	17.3	18.1	19.0	19.9	20.9	21.9	22.9	24.0	25.2	26.3
-56.25°	15.9	16.6	17.4	18.2	19.0	20.0	20.9	21.9	22.8	23.9	25.0
-57.5°	15.6	16.0	16.7	17.5	18.3	19.0	19.9	20.8	21.7	22.6	23.6
-58.75°	15.3	15.6	16.0	16.8	17.5	18.2	19.0	19.8	20.7	21.5	22.4
-60°	14.9	15.3	15.7	16.0	16.7	17.4	18.1	18.8	19.6	20.4	21.2
-61.25°	14.6	15.0	15.3	15.6	16.0	16.6	17.3	18.0	18.6	19.2	20.0
-62.5°	14.2	14.6	14.9	15.3	15.6	15.9	16.5	17.1	17.7	18.3	18.9
-63.75°	13.7	14.2	14.6	14.9	15.2	15.5	15.8	16.2	16.8	17.4	17.9
-65°	13.2	13.7	14.1	14.5	14.8	15.1	15.4	15.7	15.9	16.4	17.0
-66.25°	12.7	13.1	13.6	14.0	14.4	14.7	14.9	15.2	15.5	15.7	16.0
-67.5°	12.2	12.6	13.0	13.4	13.8	14.2	14.5	14.8	15.0	15.3	15.5
-68.75°	11.5	12.0	12.4	12.8	13.2	13.6	13.9	14.3	14.6	14.8	15.0
-70°	10.8	11.3	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.5
-71.25°	10.1	10.6	11.0	11.5	11.9	12.3	12.6	12.9	13.2	13.5	13.8
-72.5°	9.4	9.8	10.3	10.7	11.1	11.5	11.9	12.2	12.5	12.8	13.1
-73.75°	8.7	9.1	9.5	9.9	10.3	10.6	11.0	11.4	11.8	12.1	12.3
-75°	8.0	8.4	8.7	9.1	9.4	9.8	10.1	10.5	10.8	11.1	11.5
-76.25°	7.3	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.2	10.4
-77.5°	6.5	6.8	7.2	7.5	7.7	8.0	8.3	8.6	8.9	9.2	9.4



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	5.8	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.4
-80°	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	7.0	7.2	7.4
-81.25°	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4
-82.5°	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.2	5.4
-83.75°	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3
-85°	2.2	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3
-86.25°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
-88.75°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
87.5°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
86.25°	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1
85°	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
83.75°	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
82.5°	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.5	6.7	6.8	6.9
81.25°	6.6	6.8	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.2
80°	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.3	9.5
78.75°	8.7	8.9	9.1	9.3	9.6	9.8	10.0	10.2	10.4	10.6	10.8
77.5°	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.4	11.6	11.9	12.1
76.25°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	13.0
75°	11.8	12.1	12.3	12.5	12.7	13.0	13.2	13.4	13.6	13.8	14.0
73.75°	12.6	12.9	13.1	13.4	13.6	13.8	14.1	14.3	14.5	14.6	14.7
72.5°	13.4	13.7	13.9	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.4
71.25°	14.1	14.4	14.6	14.8	15.0	15.2	15.4	15.5	15.7	15.9	16.0
70°	14.7	15.0	15.2	15.4	15.6	15.7	15.9	16.2	16.6	17.0	17.3
68.75°	15.2	15.5	15.7	15.9	16.2	16.6	17.0	17.4	17.8	18.2	18.6
67.5°	15.8	16.0	16.4	16.9	17.3	17.8	18.2	18.6	19.0	19.5	20.0
66.25°	16.5	17.0	17.5	18.0	18.4	18.9	19.4	20.0	20.5	21.0	21.5
65°	17.5	18.0	18.6	19.1	19.6	20.2	20.8	21.4	22.0	22.5	23.1
63.75°	18.5	19.1	19.7	20.4	21.0	21.7	22.3	22.9	23.5	24.2	24.9
62.5°	19.6	20.3	21.0	21.7	22.4	23.0	23.8	24.6	25.3	26.1	26.8
61.25°	20.8	21.5	22.3	23.0	23.8	24.7	25.5	26.3	27.1	27.9	28.7
60°	22.0	22.8	23.6	24.6	25.5	26.3	27.2	28.0	29.0	30.0	30.9
58.75°	23.2	24.2	25.2	26.1	27.1	28.0	29.0	30.1	31.1	32.0	33.0
57.5°	24.6	25.7	26.7	27.7	28.8	29.9	31.0	32.0	33.1	34.1	35.1
56.25°	26.1	27.1	28.2	29.4	30.6	31.8	32.9	34.0	35.1	36.2	37.2
55°	27.5	28.7	29.9	31.2	32.4	33.6	34.8	36.0	37.1	38.2	39.3
53.75°	29.0	30.3	31.7	33.0	34.2	35.5	36.7	37.9	39.1	40.0	40.8
52.5°	30.6	32.0	33.4	34.7	36.0	37.3	38.6	39.7	40.6	41.4	42.2
51.25°	32.2	33.6	35.1	36.4	37.8	39.2	40.1	41.0	42.0	42.8	43.7
50°	33.8	35.3	36.7	38.2	39.5	40.5	41.4	42.4	43.3	44.3	45.2
48.75°	35.3	36.9	38.4	39.7	40.7	41.7	42.7	43.7	44.7	45.7	46.6
47.5°	36.9	38.4	39.8	40.9	41.9	43.0	44.0	45.1	46.1	47.1	47.9
46.25°	38.4	39.8	40.9	42.0	43.1	44.2	45.3	46.4	47.4	48.2	49.0
45°	39.7	40.9	42.0	43.2	44.3	45.5	46.6	47.6	48.4	49.3	50.1
43.75°	40.7	41.9	43.1	44.3	45.5	46.7	47.7	48.6	49.5	50.4	51.0
42.5°	41.7	43.0	44.2	45.5	46.7	47.7	48.7	49.6	50.5	51.2	51.8
41.25°	42.7	44.0	45.3	46.6	47.7	48.7	49.7	50.6	51.3	52.0	52.6
40°	43.7	45.1	46.4	47.6	48.6	49.6	50.6	51.3	52.0	52.7	53.4
38.75°	44.7	46.1	47.4	48.4	49.5	50.5	51.3	52.0	52.8	53.5	54.2
37.5°	45.7	47.1	48.2	49.3	50.4	51.2	52.0	52.7	53.5	54.2	55.0
36.25°	46.6	47.9	49.0	50.1	51.0	51.8	52.6	53.4	54.2	55.0	55.6
35°	47.4	48.6	49.8	50.8	51.6	52.5	53.3	54.1	54.9	55.5	56.1



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	48.2	49.3	50.5	51.4	52.2	53.1	53.9	54.8	55.5	56.0	56.5
32.5°	48.8	50.1	51.0	51.9	52.8	53.7	54.6	55.4	55.9	56.5	56.9
31.25°	49.5	50.7	51.6	52.5	53.4	54.3	55.2	55.8	56.4	56.9	57.1
30°	50.2	51.2	52.1	53.1	54.0	54.9	55.6	56.2	56.8	57.1	57.4
28.75°	50.7	51.7	52.6	53.6	54.5	55.4	56.0	56.6	57.0	57.3	57.6
27.5°	51.2	52.1	53.1	54.1	55.1	55.7	56.4	56.9	57.2	57.5	58.0
26.25°	51.6	52.6	53.6	54.6	55.4	56.1	56.7	57.1	57.4	57.8	58.4
25°	52.0	53.0	54.1	55.1	55.8	56.4	56.9	57.3	57.6	58.2	58.9
23.75°	52.4	53.5	54.5	55.4	56.1	56.8	57.1	57.4	58.0	58.6	59.3
22.5°	52.8	53.9	54.9	55.7	56.4	56.9	57.3	57.6	58.3	59.0	59.8
21.25°	53.2	54.3	55.3	56.0	56.7	57.1	57.4	58.0	58.6	59.4	60.4
20°	53.6	54.6	55.5	56.3	56.9	57.2	57.6	58.3	59.0	59.9	60.9
18.75°	53.9	55.0	55.8	56.5	57.0	57.4	57.9	58.6	59.3	60.4	61.4
17.5°	54.2	55.3	56.0	56.7	57.1	57.5	58.1	58.8	59.7	60.8	62.2
16.25°	54.5	55.5	56.2	56.9	57.3	57.6	58.4	59.1	60.1	61.2	63.3
15°	54.8	55.7	56.4	57.0	57.4	57.9	58.6	59.4	60.5	61.7	64.3
13.75°	55.0	55.8	56.6	57.1	57.5	58.1	58.8	59.8	60.9	62.5	65.2
12.5°	55.2	56.0	56.8	57.2	57.6	58.3	59.0	60.1	61.2	63.3	66.0
11.25°	55.4	56.2	56.9	57.3	57.7	58.4	59.2	60.4	61.5	64.1	66.8
10°	55.5	56.3	56.9	57.3	57.8	58.6	59.5	60.6	62.0	64.7	67.8
8.75°	55.6	56.4	57.0	57.4	58.0	58.7	59.7	60.8	62.6	65.3	69.4
7.5°	55.7	56.5	57.1	57.4	58.1	58.9	59.9	61.0	63.1	65.9	70.9
6.25°	55.8	56.6	57.1	57.5	58.2	59.0	60.0	61.2	63.5	66.3	72.1
5°	55.9	56.7	57.1	57.5	58.3	59.0	60.2	61.4	63.8	66.7	73.1
3.75°	55.9	56.7	57.2	57.6	58.3	59.1	60.3	61.5	64.1	66.9	73.9
2.5°	56.0	56.8	57.2	57.6	58.4	59.2	60.3	61.5	64.3	67.1	74.4
1.25°	56.0	56.8	57.2	57.6	58.4	59.2	60.4	61.6	64.4	67.3	74.8
0°	56.0	56.8	57.2	57.6	58.4	59.2	60.4	61.6	64.5	67.3	74.9
-1.25°	56.0	56.8	57.2	57.6	58.4	59.2	60.4	61.6	64.4	67.3	74.8
-2.5°	56.0	56.8	57.2	57.6	58.4	59.2	60.3	61.5	64.3	67.1	74.4
-3.75°	55.9	56.7	57.2	57.6	58.3	59.1	60.3	61.5	64.1	66.9	73.9
-5°	55.9	56.7	57.1	57.5	58.3	59.0	60.2	61.4	63.8	66.7	73.1
-6.25°	55.8	56.6	57.1	57.5	58.2	59.0	60.0	61.2	63.5	66.3	72.1
-7.5°	55.7	56.5	57.1	57.4	58.1	58.9	59.9	61.0	63.1	65.9	70.9
-8.75°	55.6	56.4	57.0	57.4	58.0	58.7	59.7	60.8	62.6	65.3	69.4
-10°	55.5	56.3	56.9	57.3	57.8	58.6	59.5	60.6	62.0	64.7	67.8
-11.25°	55.4	56.2	56.9	57.3	57.7	58.4	59.2	60.4	61.5	64.1	66.8
-12.5°	55.2	56.0	56.8	57.2	57.6	58.3	59.0	60.1	61.2	63.3	66.0
-13.75°	55.0	55.8	56.6	57.1	57.5	58.1	58.8	59.8	60.9	62.5	65.2
-15°	54.8	55.7	56.4	57.0	57.4	57.9	58.6	59.4	60.5	61.7	64.3
-16.25°	54.5	55.5	56.2	56.9	57.3	57.6	58.4	59.1	60.1	61.2	63.3
-17.5°	54.2	55.3	56.0	56.7	57.1	57.5	58.1	58.8	59.7	60.8	62.2
-18.75°	53.9	55.0	55.8	56.5	57.0	57.4	57.9	58.6	59.3	60.4	61.4
-20°	53.6	54.6	55.5	56.3	56.9	57.2	57.6	58.3	59.0	59.9	60.9
-21.25°	53.2	54.3	55.3	56.0	56.7	57.1	57.4	58.0	58.6	59.4	60.4



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°
-22.5°	52.8	53.9	54.9	55.7	56.4	56.9	57.3	57.6	58.3	59.0	59.8
-23.75°	52.4	53.5	54.5	55.4	56.1	56.8	57.1	57.4	58.0	58.6	59.3
-25°	52.0	53.0	54.1	55.1	55.8	56.4	56.9	57.3	57.6	58.2	58.9
-26.25°	51.6	52.6	53.6	54.6	55.4	56.1	56.7	57.1	57.4	57.8	58.4
-27.5°	51.2	52.1	53.1	54.1	55.1	55.7	56.4	56.9	57.2	57.5	58.0
-28.75°	50.7	51.7	52.6	53.6	54.5	55.4	56.0	56.6	57.0	57.3	57.6
-30°	50.2	51.2	52.1	53.1	54.0	54.9	55.6	56.2	56.8	57.1	57.4
-31.25°	49.5	50.7	51.6	52.5	53.4	54.3	55.2	55.8	56.4	56.9	57.1
-32.5°	48.8	50.1	51.0	51.9	52.8	53.7	54.6	55.4	55.9	56.5	56.9
-33.75°	48.2	49.3	50.5	51.4	52.2	53.1	53.9	54.8	55.5	56.0	56.5
-35°	47.4	48.6	49.8	50.8	51.6	52.5	53.3	54.1	54.9	55.5	56.1
-36.25°	46.6	47.9	49.0	50.1	51.0	51.8	52.6	53.4	54.2	55.0	55.6
-37.5°	45.7	47.1	48.2	49.3	50.4	51.2	52.0	52.7	53.5	54.2	55.0
-38.75°	44.7	46.1	47.4	48.4	49.5	50.5	51.3	52.0	52.8	53.5	54.2
-40°	43.7	45.1	46.4	47.6	48.6	49.6	50.6	51.3	52.0	52.7	53.4
-41.25°	42.7	44.0	45.3	46.6	47.7	48.7	49.7	50.6	51.3	52.0	52.6
-42.5°	41.7	43.0	44.2	45.5	46.7	47.7	48.7	49.6	50.5	51.2	51.8
-43.75°	40.7	41.9	43.1	44.3	45.5	46.7	47.7	48.6	49.5	50.4	51.0
-45°	39.7	40.9	42.0	43.2	44.3	45.5	46.6	47.6	48.4	49.3	50.1
-46.25°	38.4	39.8	40.9	42.0	43.1	44.2	45.3	46.4	47.4	48.2	49.0
-47.5°	36.9	38.4	39.8	40.9	41.9	43.0	44.0	45.1	46.1	47.1	47.9
-48.75°	35.3	36.9	38.4	39.7	40.7	41.7	42.7	43.7	44.7	45.7	46.6
-50°	33.8	35.3	36.7	38.2	39.5	40.5	41.4	42.4	43.3	44.3	45.2
-51.25°	32.2	33.6	35.1	36.4	37.8	39.2	40.1	41.0	42.0	42.8	43.7
-52.5°	30.6	32.0	33.4	34.7	36.0	37.3	38.6	39.7	40.6	41.4	42.2
-53.75°	29.0	30.3	31.7	33.0	34.2	35.5	36.7	37.9	39.1	40.0	40.8
-55°	27.5	28.7	29.9	31.2	32.4	33.6	34.8	36.0	37.1	38.2	39.3
-56.25°	26.1	27.1	28.2	29.4	30.6	31.8	32.9	34.0	35.1	36.2	37.2
-57.5°	24.6	25.7	26.7	27.7	28.8	29.9	31.0	32.0	33.1	34.1	35.1
-58.75°	23.2	24.2	25.2	26.1	27.1	28.0	29.0	30.1	31.1	32.0	33.0
-60°	22.0	22.8	23.6	24.6	25.5	26.3	27.2	28.0	29.0	30.0	30.9
-61.25°	20.8	21.5	22.3	23.0	23.8	24.7	25.5	26.3	27.1	27.9	28.7
-62.5°	19.6	20.3	21.0	21.7	22.4	23.0	23.8	24.6	25.3	26.1	26.8
-63.75°	18.5	19.1	19.7	20.4	21.0	21.7	22.3	22.9	23.5	24.2	24.9
-65°	17.5	18.0	18.6	19.1	19.6	20.2	20.8	21.4	22.0	22.5	23.1
-66.25°	16.5	17.0	17.5	18.0	18.4	18.9	19.4	20.0	20.5	21.0	21.5
-67.5°	15.8	16.0	16.4	16.9	17.3	17.8	18.2	18.6	19.0	19.5	20.0
-68.75°	15.2	15.5	15.7	15.9	16.2	16.6	17.0	17.4	17.8	18.2	18.6
-70°	14.7	15.0	15.2	15.4	15.6	15.7	15.9	16.2	16.6	17.0	17.3
-71.25°	14.1	14.4	14.6	14.8	15.0	15.2	15.4	15.5	15.7	15.9	16.0
-72.5°	13.4	13.7	13.9	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.4
-73.75°	12.6	12.9	13.1	13.4	13.6	13.8	14.1	14.3	14.5	14.6	14.7
-75°	11.8	12.1	12.3	12.5	12.7	13.0	13.2	13.4	13.6	13.8	14.0
-76.25°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	13.0
-77.5°	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.4	11.6	11.9	12.1



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	8.7	8.9	9.1	9.3	9.6	9.8	10.0	10.2	10.4	10.6	10.8
-80°	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.3	9.5
-81.25°	6.6	6.8	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.2
-82.5°	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.5	6.7	6.8	6.9
-83.75°	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
-85°	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
-86.25°	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.1
-87.5°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
-88.75°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
86.25°	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6
85°	4.4	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1
83.75°	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.6
82.5°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1
81.25°	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
80°	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9	11.0
78.75°	11.0	11.1	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.3	12.4
77.5°	12.2	12.4	12.5	12.6	12.8	12.9	13.0	13.1	13.3	13.4	13.5
76.25°	13.2	13.3	13.5	13.7	13.8	13.9	14.1	14.2	14.3	14.4	14.5
75°	14.2	14.3	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3
73.75°	14.9	15.0	15.1	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0
72.5°	15.5	15.7	15.8	15.9	16.1	16.4	16.6	16.8	17.0	17.2	17.4
71.25°	16.3	16.6	16.9	17.2	17.5	17.8	18.0	18.2	18.5	18.7	18.9
70°	17.6	17.9	18.3	18.6	18.9	19.1	19.5	19.8	20.1	20.4	20.7
68.75°	18.9	19.3	19.7	20.1	20.5	20.8	21.2	21.6	21.9	22.2	22.5
67.5°	20.4	20.9	21.3	21.8	22.2	22.6	22.9	23.3	23.8	24.2	24.6
66.25°	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	25.9	26.3	26.7
65°	23.7	24.3	24.9	25.5	26.0	26.6	27.1	27.6	28.0	28.6	29.1
63.75°	25.6	26.2	26.9	27.5	28.0	28.7	29.3	30.0	30.5	31.1	31.6
62.5°	27.5	28.2	28.9	29.7	30.4	31.1	31.8	32.4	33.0	33.6	34.2
61.25°	29.6	30.4	31.2	32.0	32.7	33.5	34.2	34.8	35.5	36.1	36.7
60°	31.8	32.6	33.5	34.3	35.1	35.8	36.6	37.3	38.0	38.6	39.2
58.75°	33.9	34.8	35.7	36.6	37.4	38.2	39.0	39.6	40.1	40.6	41.0
57.5°	36.1	37.0	38.0	38.9	39.6	40.2	40.7	41.3	41.8	42.3	42.8
56.25°	38.2	39.2	39.9	40.6	41.2	41.8	42.4	43.0	43.6	44.1	44.6
55°	40.0	40.8	41.5	42.2	42.9	43.5	44.1	44.7	45.3	45.9	46.4
53.75°	41.6	42.3	43.1	43.8	44.5	45.2	45.8	46.4	47.0	47.5	48.0
52.5°	43.1	43.9	44.6	45.4	46.1	46.8	47.4	48.0	48.5	48.9	49.4
51.25°	44.6	45.4	46.2	47.0	47.6	48.2	48.8	49.3	49.8	50.3	50.7
50°	46.0	46.9	47.6	48.3	48.9	49.5	50.1	50.6	51.0	51.4	51.8
48.75°	47.4	48.2	48.8	49.5	50.2	50.7	51.2	51.6	52.0	52.4	52.8
47.5°	48.6	49.3	50.1	50.7	51.2	51.7	52.1	52.6	53.0	53.5	53.9
46.25°	49.8	50.5	51.0	51.6	52.1	52.6	53.1	53.6	54.1	54.5	54.9
45°	50.8	51.4	51.9	52.5	53.1	53.6	54.1	54.6	55.1	55.4	55.7
43.75°	51.6	52.2	52.8	53.4	54.0	54.5	55.1	55.4	55.8	56.1	56.4
42.5°	52.5	53.1	53.7	54.3	54.9	55.4	55.7	56.1	56.4	56.8	56.9
41.25°	53.3	53.9	54.6	55.2	55.6	56.0	56.4	56.7	56.9	57.1	57.3
40°	54.1	54.8	55.4	55.8	56.2	56.6	56.9	57.1	57.3	57.4	57.6
38.75°	54.9	55.5	55.9	56.4	56.8	57.0	57.2	57.4	57.6	58.0	58.3
37.5°	55.5	56.0	56.5	56.9	57.1	57.3	57.5	57.8	58.2	58.6	59.0
36.25°	56.1	56.5	56.9	57.1	57.4	57.6	58.0	58.4	58.9	59.3	59.8
35°	56.6	56.9	57.2	57.4	57.7	58.2	58.6	59.1	59.6	60.2	60.8



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	56.9	57.2	57.4	57.8	58.3	58.8	59.2	59.9	60.5	61.2	62.0
32.5°	57.2	57.4	57.8	58.3	58.8	59.4	60.1	60.8	61.5	62.8	64.3
31.25°	57.4	57.8	58.3	58.9	59.5	60.2	60.9	61.7	63.4	65.0	66.5
30°	57.7	58.3	58.8	59.5	60.2	61.0	62.0	63.8	65.5	67.2	71.2
28.75°	58.2	58.8	59.4	60.2	61.0	62.1	64.0	65.8	68.0	72.6	77.0
27.5°	58.6	59.2	60.1	60.9	62.0	64.0	65.9	68.6	73.4	78.1	82.9
26.25°	59.1	59.9	60.8	61.7	63.8	65.8	68.6	73.7	78.7	84.6	94.1
25°	59.6	60.5	61.5	63.4	65.5	68.0	73.4	78.7	85.2	95.3	105.1
23.75°	60.2	61.2	62.8	65.0	67.2	72.6	78.1	84.6	95.3	105.7	116.4
22.5°	60.8	62.0	64.3	66.5	71.2	77.0	82.9	94.1	105.1	116.4	128.7
21.25°	61.4	63.4	65.7	69.3	75.3	81.3	91.8	103.3	114.9	128.0	140.8
20°	62.4	64.8	67.1	73.1	79.3	88.2	100.3	112.1	125.7	139.2	153.8
18.75°	63.6	66.0	70.3	76.7	83.6	96.1	108.4	122.0	136.2	150.5	170.1
17.5°	64.7	67.2	73.7	80.2	90.8	103.6	116.9	131.6	146.2	165.0	203.2
16.25°	65.8	70.1	76.8	84.5	97.6	110.7	125.6	140.7	158.3	190.6	255.4
15°	66.8	73.0	79.8	90.6	104.1	118.2	133.9	149.6	173.1	225.3	320.3
13.75°	68.6	75.6	82.6	96.4	110.1	125.7	141.6	160.8	199.0	277.9	399.6
12.5°	71.0	78.1	87.7	101.7	116.1	132.5	148.8	174.1	232.7	339.4	484.7
11.25°	73.1	80.3	92.4	106.6	122.2	138.9	158.0	195.3	275.9	404.7	567.9
10°	75.1	82.3	96.6	111.0	127.7	144.6	166.3	216.1	322.5	473.3	654.9
8.75°	76.8	85.7	100.3	115.3	132.5	150.0	179.7	249.7	373.3	538.3	733.7
7.5°	78.3	88.9	103.6	119.4	136.8	156.3	194.2	279.2	418.0	599.1	810.0
6.25°	79.6	91.5	106.4	122.9	140.5	161.6	206.5	306.9	463.7	655.6	876.7
5°	80.6	93.7	108.8	125.8	143.5	166.0	220.2	337.0	502.2	702.3	931.9
3.75°	81.4	95.5	110.6	128.0	145.9	170.1	235.7	360.5	532.4	739.1	977.4
2.5°	82.0	96.7	111.9	129.6	147.5	175.5	246.8	377.5	554.1	768.1	1010.3
1.25°	82.4	97.5	112.6	130.6	148.6	178.8	253.6	387.7	567.2	785.9	1030.2
0°	82.5	97.7	112.9	130.9	148.9	179.9	255.8	391.1	571.6	791.8	1036.8
-1.25°	82.4	97.5	112.6	130.6	148.6	178.8	253.6	387.7	567.2	785.9	1030.2
-2.5°	82.0	96.7	111.9	129.6	147.5	175.5	246.8	377.5	554.1	768.1	1010.3
-3.75°	81.4	95.5	110.6	128.0	145.9	170.1	235.7	360.5	532.4	739.1	977.4
-5°	80.6	93.7	108.8	125.8	143.5	166.0	220.2	337.0	502.2	702.3	931.9
-6.25°	79.6	91.5	106.4	122.9	140.5	161.6	206.5	306.9	463.7	655.6	876.7
-7.5°	78.3	88.9	103.6	119.4	136.8	156.3	194.2	279.2	418.0	599.1	810.0
-8.75°	76.8	85.7	100.3	115.3	132.5	150.0	179.7	249.7	373.3	538.3	733.7
-10°	75.1	82.3	96.6	111.0	127.7	144.6	166.3	216.1	322.5	473.3	654.9
-11.25°	73.1	80.3	92.4	106.6	122.2	138.9	158.0	195.3	275.9	404.7	567.9
-12.5°	71.0	78.1	87.7	101.7	116.1	132.5	148.8	174.1	232.7	339.4	484.7
-13.75°	68.6	75.6	82.6	96.4	110.1	125.7	141.6	160.8	199.0	277.9	399.6
-15°	66.8	73.0	79.8	90.6	104.1	118.2	133.9	149.6	173.1	225.3	320.3
-16.25°	65.8	70.1	76.8	84.5	97.6	110.7	125.6	140.7	158.3	190.6	255.4
-17.5°	64.7	67.2	73.7	80.2	90.8	103.6	116.9	131.6	146.2	165.0	203.2
-18.75°	63.6	66.0	70.3	76.7	83.6	96.1	108.4	122.0	136.2	150.5	170.1
-20°	62.4	64.8	67.1	73.1	79.3	88.2	100.3	112.1	125.7	139.2	153.8
-21.25°	61.4	63.4	65.7	69.3	75.3	81.3	91.8	103.3	114.9	128.0	140.8



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	60.8	62.0	64.3	66.5	71.2	77.0	82.9	94.1	105.1	116.4	128.7
-23.75°	60.2	61.2	62.8	65.0	67.2	72.6	78.1	84.6	95.3	105.7	116.4
-25°	59.6	60.5	61.5	63.4	65.5	68.0	73.4	78.7	85.2	95.3	105.1
-26.25°	59.1	59.9	60.8	61.7	63.8	65.8	68.6	73.7	78.7	84.6	94.1
-27.5°	58.6	59.2	60.1	60.9	62.0	64.0	65.9	68.6	73.4	78.1	82.9
-28.75°	58.2	58.8	59.4	60.2	61.0	62.1	64.0	65.8	68.0	72.6	77.0
-30°	57.7	58.3	58.8	59.5	60.2	61.0	62.0	63.8	65.5	67.2	71.2
-31.25°	57.4	57.8	58.3	58.9	59.5	60.2	60.9	61.7	63.4	65.0	66.5
-32.5°	57.2	57.4	57.8	58.3	58.8	59.4	60.1	60.8	61.5	62.8	64.3
-33.75°	56.9	57.2	57.4	57.8	58.3	58.8	59.2	59.9	60.5	61.2	62.0
-35°	56.6	56.9	57.2	57.4	57.7	58.2	58.6	59.1	59.6	60.2	60.8
-36.25°	56.1	56.5	56.9	57.1	57.4	57.6	58.0	58.4	58.9	59.3	59.8
-37.5°	55.5	56.0	56.5	56.9	57.1	57.3	57.5	57.8	58.2	58.6	59.0
-38.75°	54.9	55.5	55.9	56.4	56.8	57.0	57.2	57.4	57.6	58.0	58.3
-40°	54.1	54.8	55.4	55.8	56.2	56.6	56.9	57.1	57.3	57.4	57.6
-41.25°	53.3	53.9	54.6	55.2	55.6	56.0	56.4	56.7	56.9	57.1	57.3
-42.5°	52.5	53.1	53.7	54.3	54.9	55.4	55.7	56.1	56.4	56.8	56.9
-43.75°	51.6	52.2	52.8	53.4	54.0	54.5	55.1	55.4	55.8	56.1	56.4
-45°	50.8	51.4	51.9	52.5	53.1	53.6	54.1	54.6	55.1	55.4	55.7
-46.25°	49.8	50.5	51.0	51.6	52.1	52.6	53.1	53.6	54.1	54.5	54.9
-47.5°	48.6	49.3	50.1	50.7	51.2	51.7	52.1	52.6	53.0	53.5	53.9
-48.75°	47.4	48.2	48.8	49.5	50.2	50.7	51.2	51.6	52.0	52.4	52.8
-50°	46.0	46.9	47.6	48.3	48.9	49.5	50.1	50.6	51.0	51.4	51.8
-51.25°	44.6	45.4	46.2	47.0	47.6	48.2	48.8	49.3	49.8	50.3	50.7
-52.5°	43.1	43.9	44.6	45.4	46.1	46.8	47.4	48.0	48.5	48.9	49.4
-53.75°	41.6	42.3	43.1	43.8	44.5	45.2	45.8	46.4	47.0	47.5	48.0
-55°	40.0	40.8	41.5	42.2	42.9	43.5	44.1	44.7	45.3	45.9	46.4
-56.25°	38.2	39.2	39.9	40.6	41.2	41.8	42.4	43.0	43.6	44.1	44.6
-57.5°	36.1	37.0	38.0	38.9	39.6	40.2	40.7	41.3	41.8	42.3	42.8
-58.75°	33.9	34.8	35.7	36.6	37.4	38.2	39.0	39.6	40.1	40.6	41.0
-60°	31.8	32.6	33.5	34.3	35.1	35.8	36.6	37.3	38.0	38.6	39.2
-61.25°	29.6	30.4	31.2	32.0	32.7	33.5	34.2	34.8	35.5	36.1	36.7
-62.5°	27.5	28.2	28.9	29.7	30.4	31.1	31.8	32.4	33.0	33.6	34.2
-63.75°	25.6	26.2	26.9	27.5	28.0	28.7	29.3	30.0	30.5	31.1	31.6
-65°	23.7	24.3	24.9	25.5	26.0	26.6	27.1	27.6	28.0	28.6	29.1
-66.25°	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	25.9	26.3	26.7
-67.5°	20.4	20.9	21.3	21.8	22.2	22.6	22.9	23.3	23.8	24.2	24.6
-68.75°	18.9	19.3	19.7	20.1	20.5	20.8	21.2	21.6	21.9	22.2	22.5
-70°	17.6	17.9	18.3	18.6	18.9	19.1	19.5	19.8	20.1	20.4	20.7
-71.25°	16.3	16.6	16.9	17.2	17.5	17.8	18.0	18.2	18.5	18.7	18.9
-72.5°	15.5	15.7	15.8	15.9	16.1	16.4	16.6	16.8	17.0	17.2	17.4
-73.75°	14.9	15.0	15.1	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0
-75°	14.2	14.3	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3
-76.25°	13.2	13.3	13.5	13.7	13.8	13.9	14.1	14.2	14.3	14.4	14.5
-77.5°	12.2	12.4	12.5	12.6	12.8	12.9	13.0	13.1	13.3	13.4	13.5



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	11.0	11.1	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.3	12.4
-80°	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9	11.0
-81.25°	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5
-82.5°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1
-83.75°	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.6
-85°	4.4	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1
-86.25°	3.1	3.2	3.2	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6
-87.5°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
-88.75°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4
86.25°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
85°	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5	5.5
83.75°	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1
82.5°	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.7	8.7
81.25°	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.2	10.3
80°	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.8	11.8	11.8
78.75°	12.5	12.5	12.6	12.7	12.8	12.8	12.9	12.9	13.0	13.0	13.1
77.5°	13.6	13.7	13.8	13.8	13.9	14.0	14.1	14.1	14.2	14.2	14.3
76.25°	14.6	14.7	14.7	14.8	14.8	14.9	14.9	15.0	15.0	15.1	15.1
75°	15.3	15.4	15.5	15.5	15.6	15.7	15.7	15.8	15.8	15.9	15.9
73.75°	16.2	16.3	16.5	16.6	16.7	16.9	17.0	17.1	17.2	17.3	17.4
72.5°	17.6	17.8	18.0	18.1	18.3	18.4	18.5	18.7	18.8	18.8	18.9
71.25°	19.1	19.3	19.6	19.8	20.0	20.1	20.3	20.5	20.6	20.7	20.8
70°	20.9	21.2	21.4	21.7	21.9	22.1	22.2	22.4	22.6	22.7	22.8
68.75°	22.8	23.1	23.3	23.6	23.9	24.1	24.4	24.6	24.8	25.0	25.1
67.5°	24.9	25.3	25.6	25.9	26.2	26.5	26.7	26.9	27.1	27.3	27.5
66.25°	27.1	27.5	27.8	28.2	28.6	28.9	29.2	29.5	29.7	29.9	30.1
65°	29.6	30.0	30.4	30.8	31.2	31.6	31.9	32.2	32.5	32.7	32.9
63.75°	32.1	32.6	33.1	33.5	33.9	34.3	34.6	34.9	35.2	35.4	35.7
62.5°	34.7	35.2	35.7	36.1	36.5	36.9	37.3	37.6	37.9	38.2	38.4
61.25°	37.3	37.8	38.3	38.8	39.2	39.5	39.8	40.0	40.2	40.4	40.6
60°	39.6	40.0	40.4	40.8	41.1	41.4	41.7	42.0	42.2	42.4	42.6
58.75°	41.5	41.9	42.3	42.6	43.0	43.3	43.6	43.9	44.1	44.4	44.6
57.5°	43.3	43.7	44.1	44.5	44.9	45.2	45.5	45.8	46.1	46.3	46.5
56.25°	45.1	45.6	46.0	46.4	46.8	47.1	47.4	47.6	47.9	48.1	48.2
55°	46.9	47.3	47.7	48.0	48.4	48.7	48.9	49.2	49.4	49.6	49.8
53.75°	48.4	48.8	49.2	49.5	49.9	50.2	50.5	50.6	50.8	51.0	51.1
52.5°	49.8	50.3	50.6	50.9	51.1	51.4	51.6	51.8	52.0	52.2	52.3
51.25°	51.1	51.4	51.7	52.0	52.3	52.5	52.7	53.0	53.2	53.3	53.5
50°	52.1	52.5	52.8	53.1	53.4	53.6	53.9	54.1	54.3	54.5	54.7
48.75°	53.2	53.6	53.9	54.2	54.5	54.8	55.0	55.2	55.4	55.5	55.6
47.5°	54.3	54.6	55.0	55.3	55.5	55.7	55.8	56.0	56.2	56.3	56.4
46.25°	55.3	55.5	55.8	56.0	56.2	56.4	56.6	56.8	56.9	56.9	57.0
45°	56.0	56.3	56.5	56.7	56.9	57.0	57.1	57.2	57.3	57.3	57.4
43.75°	56.7	56.9	57.0	57.1	57.3	57.4	57.5	57.6	57.7	57.8	58.0
42.5°	57.1	57.2	57.4	57.5	57.6	57.9	58.1	58.3	58.4	58.6	58.7
41.25°	57.4	57.6	57.9	58.1	58.4	58.6	58.8	59.0	59.2	59.5	59.7
40°	58.0	58.3	58.6	58.8	59.1	59.4	59.8	60.1	60.4	60.6	60.8
38.75°	58.6	59.0	59.3	59.7	60.1	60.5	60.9	61.2	61.5	62.0	62.6
37.5°	59.4	59.9	60.4	60.8	61.2	61.7	62.5	63.3	64.1	64.7	65.3
36.25°	60.4	60.9	61.4	62.2	63.3	64.3	65.2	66.0	66.8	67.8	69.4
35°	61.4	62.4	63.6	64.7	65.8	66.8	68.6	71.0	73.1	75.1	76.8



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	63.4	64.8	66.0	67.2	70.1	73.0	75.6	78.1	80.3	82.3	85.7
32.5°	65.7	67.1	70.3	73.7	76.8	79.8	82.6	87.7	92.4	96.6	100.3
31.25°	69.3	73.1	76.7	80.2	84.5	90.6	96.4	101.7	106.6	111.0	115.3
30°	75.3	79.3	83.6	90.8	97.6	104.1	110.1	116.1	122.2	127.7	132.5
28.75°	81.3	88.2	96.1	103.6	110.7	118.2	125.7	132.5	138.9	144.6	150.0
27.5°	91.8	100.3	108.4	116.9	125.6	133.9	141.6	148.8	158.0	166.3	179.7
26.25°	103.3	112.1	122.0	131.6	140.7	149.6	160.8	174.1	195.3	216.1	249.7
25°	114.9	125.7	136.2	146.2	158.3	173.1	199.0	232.7	275.9	322.5	373.3
23.75°	128.0	139.2	150.5	165.0	190.6	225.3	277.9	339.4	404.7	473.3	538.3
22.5°	140.8	153.8	170.1	203.2	255.4	320.3	399.6	484.7	567.9	654.9	733.7
21.25°	154.9	175.1	210.8	275.6	357.7	450.5	551.2	656.6	758.8	861.7	955.3
20°	175.1	213.8	285.8	380.4	488.1	603.6	724.9	849.7	969.5	1083.5	1185.3
18.75°	210.8	285.8	387.9	507.1	637.3	774.2	915.9	1055.1	1184.7	1302.1	1403.5
17.5°	275.6	380.4	507.1	648.5	800.1	957.1	1113.1	1257.5	1388.1	1503.7	1613.6
16.25°	357.7	488.1	637.3	800.1	971.3	1142.3	1301.9	1445.0	1580.2	1709.1	1830.6
15°	450.5	603.6	774.2	957.1	1142.3	1316.8	1473.8	1627.3	1776.3	1917.6	2049.6
13.75°	551.2	724.9	915.9	1113.1	1301.9	1473.8	1643.2	1810.4	1971.9	2124.4	2260.8
12.5°	656.6	849.7	1055.1	1257.5	1445.0	1627.3	1810.4	1990.2	2161.5	2318.5	2457.0
11.25°	758.8	969.5	1184.7	1388.1	1580.2	1776.3	1971.9	2161.5	2337.1	2496.2	2635.1
10°	861.7	1083.5	1302.1	1503.7	1709.1	1917.6	2124.4	2318.5	2496.2	2654.6	2794.4
8.75°	955.3	1185.3	1403.5	1613.6	1830.6	2049.6	2260.8	2457.0	2635.1	2794.4	2937.5
7.5°	1041.5	1274.4	1491.6	1712.3	1939.8	2166.4	2380.3	2577.4	2755.9	2917.8	3062.8
6.25°	1115.7	1350.1	1570.3	1800.7	2036.3	2266.8	2483.1	2680.9	2859.9	3024.1	3171.2
5°	1176.3	1409.7	1637.2	1874.7	2117.1	2349.3	2565.5	2763.4	2945.6	3111.0	3263.5
3.75°	1223.7	1456.7	1690.0	1933.7	2179.5	2413.4	2630.7	2829.8	3013.3	3180.2	3335.6
2.5°	1257.8	1490.6	1728.8	1977.0	2224.7	2460.0	2677.9	2876.4	3060.5	3230.9	3389.2
1.25°	1278.5	1511.1	1752.7	2003.2	2252.1	2488.4	2705.0	2904.7	3089.6	3262.3	3420.1
0°	1285.4	1518.0	1760.8	2012.0	2261.4	2497.9	2714.1	2914.3	3099.4	3272.9	3430.0
-1.25°	1278.5	1511.1	1752.7	2003.2	2252.1	2488.4	2705.0	2904.7	3089.6	3262.3	3420.1
-2.5°	1257.8	1490.6	1728.8	1977.0	2224.7	2460.0	2677.9	2876.4	3060.5	3230.9	3389.2
-3.75°	1223.7	1456.7	1690.0	1933.7	2179.5	2413.4	2630.7	2829.8	3013.3	3180.2	3335.6
-5°	1176.3	1409.7	1637.2	1874.7	2117.1	2349.3	2565.5	2763.4	2945.6	3111.0	3263.5
-6.25°	1115.7	1350.1	1570.3	1800.7	2036.3	2266.8	2483.1	2680.9	2859.9	3024.1	3171.2
-7.5°	1041.5	1274.4	1491.6	1712.3	1939.8	2166.4	2380.3	2577.4	2755.9	2917.8	3062.8
-8.75°	955.3	1185.3	1403.5	1613.6	1830.6	2049.6	2260.8	2457.0	2635.1	2794.4	2937.5
-10°	861.7	1083.5	1302.1	1503.7	1709.1	1917.6	2124.4	2318.5	2496.2	2654.6	2794.4
-11.25°	758.8	969.5	1184.7	1388.1	1580.2	1776.3	1971.9	2161.5	2337.1	2496.2	2635.1
-12.5°	656.6	849.7	1055.1	1257.5	1445.0	1627.3	1810.4	1990.2	2161.5	2318.5	2457.0
-13.75°	551.2	724.9	915.9	1113.1	1301.9	1473.8	1643.2	1810.4	1971.9	2124.4	2260.8
-15°	450.5	603.6	774.2	957.1	1142.3	1316.8	1473.8	1627.3	1776.3	1917.6	2049.6
-16.25°	357.7	488.1	637.3	800.1	971.3	1142.3	1301.9	1445.0	1580.2	1709.1	1830.6
-17.5°	275.6	380.4	507.1	648.5	800.1	957.1	1113.1	1257.5	1388.1	1503.7	1613.6
-18.75°	210.8	285.8	387.9	507.1	637.3	774.2	915.9	1055.1	1184.7	1302.1	1403.5
-20°	175.1	213.8	285.8	380.4	488.1	603.6	724.9	849.7	969.5	1083.5	1185.3
-21.25°	154.9	175.1	210.8	275.6	357.7	450.5	551.2	656.6	758.8	861.7	955.3



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	140.8	153.8	170.1	203.2	255.4	320.3	399.6	484.7	567.9	654.9	733.7
-23.75°	128.0	139.2	150.5	165.0	190.6	225.3	277.9	339.4	404.7	473.3	538.3
-25°	114.9	125.7	136.2	146.2	158.3	173.1	199.0	232.7	275.9	322.5	373.3
-26.25°	103.3	112.1	122.0	131.6	140.7	149.6	160.8	174.1	195.3	216.1	249.7
-27.5°	91.8	100.3	108.4	116.9	125.6	133.9	141.6	148.8	158.0	166.3	179.7
-28.75°	81.3	88.2	96.1	103.6	110.7	118.2	125.7	132.5	138.9	144.6	150.0
-30°	75.3	79.3	83.6	90.8	97.6	104.1	110.1	116.1	122.2	127.7	132.5
-31.25°	69.3	73.1	76.7	80.2	84.5	90.6	96.4	101.7	106.6	111.0	115.3
-32.5°	65.7	67.1	70.3	73.7	76.8	79.8	82.6	87.7	92.4	96.6	100.3
-33.75°	63.4	64.8	66.0	67.2	70.1	73.0	75.6	78.1	80.3	82.3	85.7
-35°	61.4	62.4	63.6	64.7	65.8	66.8	68.6	71.0	73.1	75.1	76.8
-36.25°	60.4	60.9	61.4	62.2	63.3	64.3	65.2	66.0	66.8	67.8	69.4
-37.5°	59.4	59.9	60.4	60.8	61.2	61.7	62.5	63.3	64.1	64.7	65.3
-38.75°	58.6	59.0	59.3	59.7	60.1	60.5	60.9	61.2	61.5	62.0	62.6
-40°	58.0	58.3	58.6	58.8	59.1	59.4	59.8	60.1	60.4	60.6	60.8
-41.25°	57.4	57.6	57.9	58.1	58.4	58.6	58.8	59.0	59.2	59.5	59.7
-42.5°	57.1	57.2	57.4	57.5	57.6	57.9	58.1	58.3	58.4	58.6	58.7
-43.75°	56.7	56.9	57.0	57.1	57.3	57.4	57.5	57.6	57.7	57.8	58.0
-45°	56.0	56.3	56.5	56.7	56.9	57.0	57.1	57.2	57.3	57.3	57.4
-46.25°	55.3	55.5	55.8	56.0	56.2	56.4	56.6	56.8	56.9	56.9	57.0
-47.5°	54.3	54.6	55.0	55.3	55.5	55.7	55.8	56.0	56.2	56.3	56.4
-48.75°	53.2	53.6	53.9	54.2	54.5	54.8	55.0	55.2	55.4	55.5	55.6
-50°	52.1	52.5	52.8	53.1	53.4	53.6	53.9	54.1	54.3	54.5	54.7
-51.25°	51.1	51.4	51.7	52.0	52.3	52.5	52.7	53.0	53.2	53.3	53.5
-52.5°	49.8	50.3	50.6	50.9	51.1	51.4	51.6	51.8	52.0	52.2	52.3
-53.75°	48.4	48.8	49.2	49.5	49.9	50.2	50.5	50.6	50.8	51.0	51.1
-55°	46.9	47.3	47.7	48.0	48.4	48.7	48.9	49.2	49.4	49.6	49.8
-56.25°	45.1	45.6	46.0	46.4	46.8	47.1	47.4	47.6	47.9	48.1	48.2
-57.5°	43.3	43.7	44.1	44.5	44.9	45.2	45.5	45.8	46.1	46.3	46.5
-58.75°	41.5	41.9	42.3	42.6	43.0	43.3	43.6	43.9	44.1	44.4	44.6
-60°	39.6	40.0	40.4	40.8	41.1	41.4	41.7	42.0	42.2	42.4	42.6
-61.25°	37.3	37.8	38.3	38.8	39.2	39.5	39.8	40.0	40.2	40.4	40.6
-62.5°	34.7	35.2	35.7	36.1	36.5	36.9	37.3	37.6	37.9	38.2	38.4
-63.75°	32.1	32.6	33.1	33.5	33.9	34.3	34.6	34.9	35.2	35.4	35.7
-65°	29.6	30.0	30.4	30.8	31.2	31.6	31.9	32.2	32.5	32.7	32.9
-66.25°	27.1	27.5	27.8	28.2	28.6	28.9	29.2	29.5	29.7	29.9	30.1
-67.5°	24.9	25.3	25.6	25.9	26.2	26.5	26.7	26.9	27.1	27.3	27.5
-68.75°	22.8	23.1	23.3	23.6	23.9	24.1	24.4	24.6	24.8	25.0	25.1
-70°	20.9	21.2	21.4	21.7	21.9	22.1	22.2	22.4	22.6	22.7	22.8
-71.25°	19.1	19.3	19.6	19.8	20.0	20.1	20.3	20.5	20.6	20.7	20.8
-72.5°	17.6	17.8	18.0	18.1	18.3	18.4	18.5	18.7	18.8	18.8	18.9
-73.75°	16.2	16.3	16.5	16.6	16.7	16.9	17.0	17.1	17.2	17.3	17.4
-75°	15.3	15.4	15.5	15.5	15.6	15.7	15.7	15.8	15.8	15.9	15.9
-76.25°	14.6	14.7	14.7	14.8	14.8	14.9	14.9	15.0	15.0	15.1	15.1
-77.5°	13.6	13.7	13.8	13.8	13.9	14.0	14.1	14.1	14.2	14.2	14.3



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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°	12.5	12.5	12.6	12.7	12.8	12.8	12.9	12.9	13.0	13.0	13.1
-80°	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.7	11.8	11.8	11.8
-81.25°	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.2	10.3
-82.5°	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.7	8.7
-83.75°	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1
-85°	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5	5.5
-86.25°	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
-87.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4
-88.75°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
86.25°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
83.75°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
81.25°	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
80°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
78.75°	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
77.5°	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
76.25°	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
75°	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
73.75°	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5
72.5°	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
71.25°	20.9	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.1	21.1
70°	22.9	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.1	23.1
68.75°	25.2	25.3	25.4	25.5	25.6	25.6	25.6	25.6	25.6	25.5	25.4
67.5°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
66.25°	30.3	30.5	30.6	30.7	30.7	30.8	30.8	30.8	30.7	30.7	30.6
65°	33.1	33.2	33.4	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.4
63.75°	35.9	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2
62.5°	38.6	38.8	38.9	39.1	39.1	39.2	39.2	39.2	39.1	39.1	38.9
61.25°	40.8	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.1	41.0
60°	42.7	42.9	43.0	43.1	43.1	43.2	43.2	43.2	43.1	43.1	43.0
58.75°	44.7	44.9	45.0	45.1	45.1	45.2	45.2	45.2	45.1	45.1	45.0
57.5°	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.1	47.1	47.0
56.25°	48.4	48.5	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.7	48.6
55°	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.3	50.2
53.75°	51.3	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.5	51.4
52.5°	52.4	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.7	52.6
51.25°	53.6	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	53.9	53.8
50°	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.1	55.0
48.75°	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	55.9	55.9
47.5°	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.7	56.7
46.25°	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.1
45°	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.5
43.75°	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.3	58.3
42.5°	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.1	59.0
41.25°	59.9	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.3	60.3	60.2
40°	61.0	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.5	61.5	61.4
38.75°	63.1	63.5	63.8	64.1	64.3	64.4	64.5	64.4	64.3	64.1	63.8
37.5°	65.9	66.3	66.7	66.9	67.1	67.3	67.3	67.3	67.1	66.9	66.7
36.25°	70.9	72.1	73.1	73.9	74.4	74.8	74.9	74.8	74.4	73.9	73.1
35°	78.3	79.6	80.6	81.4	82.0	82.4	82.5	82.4	82.0	81.4	80.6



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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°	88.9	91.5	93.7	95.5	96.7	97.5	97.7	97.5	96.7	95.5	93.7
32.5°	103.6	106.4	108.8	110.6	111.9	112.6	112.9	112.6	111.9	110.6	108.8
31.25°	119.4	122.9	125.8	128.0	129.6	130.6	130.9	130.6	129.6	128.0	125.8
30°	136.8	140.5	143.5	145.9	147.5	148.6	148.9	148.6	147.5	145.9	143.5
28.75°	156.3	161.6	166.0	170.1	175.5	178.8	179.9	178.8	175.5	170.1	166.0
27.5°	194.2	206.5	220.2	235.7	246.8	253.6	255.8	253.6	246.8	235.7	220.2
26.25°	279.2	306.9	337.0	360.5	377.5	387.7	391.1	387.7	377.5	360.5	337.0
25°	418.0	463.7	502.2	532.4	554.1	567.2	571.6	567.2	554.1	532.4	502.2
23.75°	599.1	655.6	702.3	739.1	768.1	785.9	791.8	785.9	768.1	739.1	702.3
22.5°	810.0	876.7	931.9	977.4	1010.3	1030.2	1036.8	1030.2	1010.3	977.4	931.9
21.25°	1041.5	1115.7	1176.3	1223.7	1257.8	1278.5	1285.4	1278.5	1257.8	1223.7	1176.3
20°	1274.4	1350.1	1409.7	1456.7	1490.6	1511.1	1518.0	1511.1	1490.6	1456.7	1409.7
18.75°	1491.6	1570.3	1637.2	1690.0	1728.8	1752.7	1760.8	1752.7	1728.8	1690.0	1637.2
17.5°	1712.3	1800.7	1874.7	1933.7	1977.0	2003.2	2012.0	2003.2	1977.0	1933.7	1874.7
16.25°	1939.8	2036.3	2117.1	2179.5	2224.7	2252.1	2261.4	2252.1	2224.7	2179.5	2117.1
15°	2166.4	2266.8	2349.3	2413.4	2460.0	2488.4	2497.9	2488.4	2460.0	2413.4	2349.3
13.75°	2380.3	2483.1	2565.5	2630.7	2677.9	2705.0	2714.1	2705.0	2677.9	2630.7	2565.5
12.5°	2577.4	2680.9	2763.4	2829.8	2876.4	2904.7	2914.3	2904.7	2876.4	2829.8	2763.4
11.25°	2755.9	2859.9	2945.6	3013.3	3060.5	3089.6	3099.4	3089.6	3060.5	3013.3	2945.6
10°	2917.8	3024.1	3111.0	3180.2	3230.9	3262.3	3272.9	3262.3	3230.9	3180.2	3111.0
8.75°	3062.8	3171.2	3263.5	3335.6	3389.2	3420.1	3430.0	3420.1	3389.2	3335.6	3263.5
7.5°	3191.5	3305.0	3401.0	3471.7	3524.4	3554.5	3564.8	3554.5	3524.4	3471.7	3401.0
6.25°	3305.0	3421.0	3514.9	3586.3	3636.0	3663.9	3673.6	3663.9	3636.0	3586.3	3514.9
5°	3401.0	3514.9	3608.1	3673.8	3717.9	3744.1	3753.3	3744.1	3717.9	3673.8	3608.1
3.75°	3471.7	3586.3	3673.8	3735.2	3775.4	3799.4	3804.7	3799.4	3775.4	3735.2	3673.8
2.5°	3524.4	3636.0	3717.9	3775.4	3810.4	3826.8	3830.1	3826.8	3810.4	3775.4	3717.9
1.25°	3554.5	3663.9	3744.1	3799.4	3826.8	3838.5	3844.8	3838.5	3826.8	3799.4	3744.1
0°	3564.8	3673.6	3753.3	3804.7	3830.1	3844.8	3859.0	3844.8	3830.1	3804.7	3753.3
-1.25°	3554.5	3663.9	3744.1	3799.4	3826.8	3838.5	3844.8	3838.5	3826.8	3799.4	3744.1
-2.5°	3524.4	3636.0	3717.9	3775.4	3810.4	3826.8	3830.1	3826.8	3810.4	3775.4	3717.9
-3.75°	3471.7	3586.3	3673.8	3735.2	3775.4	3799.4	3804.7	3799.4	3775.4	3735.2	3673.8
-5°	3401.0	3514.9	3608.1	3673.8	3717.9	3744.1	3753.3	3744.1	3717.9	3673.8	3608.1
-6.25°	3305.0	3421.0	3514.9	3586.3	3636.0	3663.9	3673.6	3663.9	3636.0	3586.3	3514.9
-7.5°	3191.5	3305.0	3401.0	3471.7	3524.4	3554.5	3564.8	3554.5	3524.4	3471.7	3401.0
-8.75°	3062.8	3171.2	3263.5	3335.6	3389.2	3420.1	3430.0	3420.1	3389.2	3335.6	3263.5
-10°	2917.8	3024.1	3111.0	3180.2	3230.9	3262.3	3272.9	3262.3	3230.9	3180.2	3111.0
-11.25°	2755.9	2859.9	2945.6	3013.3	3060.5	3089.6	3099.4	3089.6	3060.5	3013.3	2945.6
-12.5°	2577.4	2680.9	2763.4	2829.8	2876.4	2904.7	2914.3	2904.7	2876.4	2829.8	2763.4
-13.75°	2380.3	2483.1	2565.5	2630.7	2677.9	2705.0	2714.1	2705.0	2677.9	2630.7	2565.5
-15°	2166.4	2266.8	2349.3	2413.4	2460.0	2488.4	2497.9	2488.4	2460.0	2413.4	2349.3
-16.25°	1939.8	2036.3	2117.1	2179.5	2224.7	2252.1	2261.4	2252.1	2224.7	2179.5	2117.1
-17.5°	1712.3	1800.7	1874.7	1933.7	1977.0	2003.2	2012.0	2003.2	1977.0	1933.7	1874.7
-18.75°	1491.6	1570.3	1637.2	1690.0	1728.8	1752.7	1760.8	1752.7	1728.8	1690.0	1637.2
-20°	1274.4	1350.1	1409.7	1456.7	1490.6	1511.1	1518.0	1511.1	1490.6	1456.7	1409.7
-21.25°	1041.5	1115.7	1176.3	1223.7	1257.8	1278.5	1285.4	1278.5	1257.8	1223.7	1176.3



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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°
-22.5°	810.0	876.7	931.9	977.4	1010.3	1030.2	1036.8	1030.2	1010.3	977.4	931.9
-23.75°	599.1	655.6	702.3	739.1	768.1	785.9	791.8	785.9	768.1	739.1	702.3
-25°	418.0	463.7	502.2	532.4	554.1	567.2	571.6	567.2	554.1	532.4	502.2
-26.25°	279.2	306.9	337.0	360.5	377.5	387.7	391.1	387.7	377.5	360.5	337.0
-27.5°	194.2	206.5	220.2	235.7	246.8	253.6	255.8	253.6	246.8	235.7	220.2
-28.75°	156.3	161.6	166.0	170.1	175.5	178.8	179.9	178.8	175.5	170.1	166.0
-30°	136.8	140.5	143.5	145.9	147.5	148.6	148.9	148.6	147.5	145.9	143.5
-31.25°	119.4	122.9	125.8	128.0	129.6	130.6	130.9	130.6	129.6	128.0	125.8
-32.5°	103.6	106.4	108.8	110.6	111.9	112.6	112.9	112.6	111.9	110.6	108.8
-33.75°	88.9	91.5	93.7	95.5	96.7	97.5	97.7	97.5	96.7	95.5	93.7
-35°	78.3	79.6	80.6	81.4	82.0	82.4	82.5	82.4	82.0	81.4	80.6
-36.25°	70.9	72.1	73.1	73.9	74.4	74.8	74.9	74.8	74.4	73.9	73.1
-37.5°	65.9	66.3	66.7	66.9	67.1	67.3	67.3	67.3	67.1	66.9	66.7
-38.75°	63.1	63.5	63.8	64.1	64.3	64.4	64.5	64.4	64.3	64.1	63.8
-40°	61.0	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.5	61.5	61.4
-41.25°	59.9	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.3	60.3	60.2
-42.5°	58.9	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.1	59.0
-43.75°	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.3	58.3
-45°	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.5
-46.25°	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.1
-47.5°	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.7	56.7
-48.75°	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	55.9	55.9
-50°	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.1	55.0
-51.25°	53.6	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	53.9	53.8
-52.5°	52.4	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.7	52.6
-53.75°	51.3	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.5	51.4
-55°	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.3	50.2
-56.25°	48.4	48.5	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.7	48.6
-57.5°	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.1	47.1	47.0
-58.75°	44.7	44.9	45.0	45.1	45.1	45.2	45.2	45.2	45.1	45.1	45.0
-60°	42.7	42.9	43.0	43.1	43.1	43.2	43.2	43.2	43.1	43.1	43.0
-61.25°	40.8	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.1	41.0
-62.5°	38.6	38.8	38.9	39.1	39.1	39.2	39.2	39.2	39.1	39.1	38.9
-63.75°	35.9	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2
-65°	33.1	33.2	33.4	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.4
-66.25°	30.3	30.5	30.6	30.7	30.7	30.8	30.8	30.8	30.7	30.7	30.6
-67.5°	27.6	27.7	27.8	27.9	28.0	28.0	28.0	28.0	28.0	27.9	27.8
-68.75°	25.2	25.3	25.4	25.5	25.6	25.6	25.6	25.6	25.6	25.5	25.4
-70°	22.9	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.1	23.1
-71.25°	20.9	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.1	21.1
-72.5°	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
-73.75°	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5
-75°	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-76.25°	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
-77.5°	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4



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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°	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
-80°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-81.25°	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
-82.5°	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
-83.75°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
-85°	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
-86.25°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
87.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
86.25°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
85°	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3
83.75°	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8
82.5°	8.7	8.7	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3
81.25°	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.9	9.8
80°	11.9	11.9	11.8	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3
78.75°	13.1	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6
77.5°	14.3	14.3	14.3	14.2	14.2	14.1	14.1	14.0	13.9	13.8	13.8
76.25°	15.1	15.1	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7
75°	15.9	15.9	15.9	15.9	15.8	15.8	15.7	15.7	15.6	15.5	15.5
73.75°	17.5	17.4	17.4	17.3	17.2	17.1	17.0	16.9	16.7	16.6	16.5
72.5°	19.1	19.0	18.9	18.8	18.8	18.7	18.5	18.4	18.3	18.1	18.0
71.25°	21.0	20.9	20.8	20.7	20.6	20.5	20.3	20.1	20.0	19.8	19.6
70°	23.0	22.9	22.8	22.7	22.6	22.4	22.2	22.1	21.9	21.7	21.4
68.75°	25.3	25.2	25.1	25.0	24.8	24.6	24.4	24.1	23.9	23.6	23.3
67.5°	27.7	27.6	27.5	27.3	27.1	26.9	26.7	26.5	26.2	25.9	25.6
66.25°	30.5	30.3	30.1	29.9	29.7	29.5	29.2	28.9	28.6	28.2	27.8
65°	33.2	33.1	32.9	32.7	32.5	32.2	31.9	31.6	31.2	30.8	30.4
63.75°	36.0	35.9	35.7	35.4	35.2	34.9	34.6	34.3	33.9	33.5	33.1
62.5°	38.8	38.6	38.4	38.2	37.9	37.6	37.3	36.9	36.5	36.1	35.7
61.25°	40.9	40.8	40.6	40.4	40.2	40.0	39.8	39.5	39.2	38.8	38.3
60°	42.9	42.7	42.6	42.4	42.2	42.0	41.7	41.4	41.1	40.8	40.4
58.75°	44.9	44.7	44.6	44.4	44.1	43.9	43.6	43.3	43.0	42.6	42.3
57.5°	46.9	46.7	46.5	46.3	46.1	45.8	45.5	45.2	44.9	44.5	44.1
56.25°	48.5	48.4	48.2	48.1	47.9	47.6	47.4	47.1	46.8	46.4	46.0
55°	50.1	50.0	49.8	49.6	49.4	49.2	48.9	48.7	48.4	48.0	47.7
53.75°	51.4	51.3	51.1	51.0	50.8	50.6	50.5	50.2	49.9	49.5	49.2
52.5°	52.5	52.4	52.3	52.2	52.0	51.8	51.6	51.4	51.1	50.9	50.6
51.25°	53.7	53.6	53.5	53.3	53.2	53.0	52.7	52.5	52.3	52.0	51.7
50°	54.9	54.8	54.7	54.5	54.3	54.1	53.9	53.6	53.4	53.1	52.8
48.75°	55.8	55.7	55.6	55.5	55.4	55.2	55.0	54.8	54.5	54.2	53.9
47.5°	56.6	56.5	56.4	56.3	56.2	56.0	55.8	55.7	55.5	55.3	55.0
46.25°	57.1	57.1	57.0	56.9	56.9	56.8	56.6	56.4	56.2	56.0	55.8
45°	57.5	57.4	57.4	57.3	57.3	57.2	57.1	57.0	56.9	56.7	56.5
43.75°	58.2	58.1	58.0	57.8	57.7	57.6	57.5	57.4	57.3	57.1	57.0
42.5°	59.0	58.9	58.7	58.6	58.4	58.3	58.1	57.9	57.6	57.5	57.4
41.25°	60.0	59.9	59.7	59.5	59.2	59.0	58.8	58.6	58.4	58.1	57.9
40°	61.2	61.0	60.8	60.6	60.4	60.1	59.8	59.4	59.1	58.8	58.6
38.75°	63.5	63.1	62.6	62.0	61.5	61.2	60.9	60.5	60.1	59.7	59.3
37.5°	66.3	65.9	65.3	64.7	64.1	63.3	62.5	61.7	61.2	60.8	60.4
36.25°	72.1	70.9	69.4	67.8	66.8	66.0	65.2	64.3	63.3	62.2	61.4
35°	79.6	78.3	76.8	75.1	73.1	71.0	68.6	66.8	65.8	64.7	63.6



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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°	91.5	88.9	85.7	82.3	80.3	78.1	75.6	73.0	70.1	67.2	66.0
32.5°	106.4	103.6	100.3	96.6	92.4	87.7	82.6	79.8	76.8	73.7	70.3
31.25°	122.9	119.4	115.3	111.0	106.6	101.7	96.4	90.6	84.5	80.2	76.7
30°	140.5	136.8	132.5	127.7	122.2	116.1	110.1	104.1	97.6	90.8	83.6
28.75°	161.6	156.3	150.0	144.6	138.9	132.5	125.7	118.2	110.7	103.6	96.1
27.5°	206.5	194.2	179.7	166.3	158.0	148.8	141.6	133.9	125.6	116.9	108.4
26.25°	306.9	279.2	249.7	216.1	195.3	174.1	160.8	149.6	140.7	131.6	122.0
25°	463.7	418.0	373.3	322.5	275.9	232.7	199.0	173.1	158.3	146.2	136.2
23.75°	655.6	599.1	538.3	473.3	404.7	339.4	277.9	225.3	190.6	165.0	150.5
22.5°	876.7	810.0	733.7	654.9	567.9	484.7	399.6	320.3	255.4	203.2	170.1
21.25°	1115.7	1041.5	955.3	861.7	758.8	656.6	551.2	450.5	357.7	275.6	210.8
20°	1350.1	1274.4	1185.3	1083.5	969.5	849.7	724.9	603.6	488.1	380.4	285.8
18.75°	1570.3	1491.6	1403.5	1302.1	1184.7	1055.1	915.9	774.2	637.3	507.1	387.9
17.5°	1800.7	1712.3	1613.6	1503.7	1388.1	1257.5	1113.1	957.1	800.1	648.5	507.1
16.25°	2036.3	1939.8	1830.6	1709.1	1580.2	1445.0	1301.9	1142.3	971.3	800.1	637.3
15°	2266.8	2166.4	2049.6	1917.6	1776.3	1627.3	1473.8	1316.8	1142.3	957.1	774.2
13.75°	2483.1	2380.3	2260.8	2124.4	1971.9	1810.4	1643.2	1473.8	1301.9	1113.1	915.9
12.5°	2680.9	2577.4	2457.0	2318.5	2161.5	1990.2	1810.4	1627.3	1445.0	1257.5	1055.1
11.25°	2859.9	2755.9	2635.1	2496.2	2337.1	2161.5	1971.9	1776.3	1580.2	1388.1	1184.7
10°	3024.1	2917.8	2794.4	2654.6	2496.2	2318.5	2124.4	1917.6	1709.1	1503.7	1302.1
8.75°	3171.2	3062.8	2937.5	2794.4	2635.1	2457.0	2260.8	2049.6	1830.6	1613.6	1403.5
7.5°	3305.0	3191.5	3062.8	2917.8	2755.9	2577.4	2380.3	2166.4	1939.8	1712.3	1491.6
6.25°	3421.0	3305.0	3171.2	3024.1	2859.9	2680.9	2483.1	2266.8	2036.3	1800.7	1570.3
5°	3514.9	3401.0	3263.5	3111.0	2945.6	2763.4	2565.5	2349.3	2117.1	1874.7	1637.2
3.75°	3586.3	3471.7	3335.6	3180.2	3013.3	2829.8	2630.7	2413.4	2179.5	1933.7	1690.0
2.5°	3636.0	3524.4	3389.2	3230.9	3060.5	2876.4	2677.9	2460.0	2224.7	1977.0	1728.8
1.25°	3663.9	3554.5	3420.1	3262.3	3089.6	2904.7	2705.0	2488.4	2252.1	2003.2	1752.7
0°	3673.6	3564.8	3430.0	3272.9	3099.4	2914.3	2714.1	2497.9	2261.4	2012.0	1760.8
-1.25°	3663.9	3554.5	3420.1	3262.3	3089.6	2904.7	2705.0	2488.4	2252.1	2003.2	1752.7
-2.5°	3636.0	3524.4	3389.2	3230.9	3060.5	2876.4	2677.9	2460.0	2224.7	1977.0	1728.8
-3.75°	3586.3	3471.7	3335.6	3180.2	3013.3	2829.8	2630.7	2413.4	2179.5	1933.7	1690.0
-5°	3514.9	3401.0	3263.5	3111.0	2945.6	2763.4	2565.5	2349.3	2117.1	1874.7	1637.2
-6.25°	3421.0	3305.0	3171.2	3024.1	2859.9	2680.9	2483.1	2266.8	2036.3	1800.7	1570.3
-7.5°	3305.0	3191.5	3062.8	2917.8	2755.9	2577.4	2380.3	2166.4	1939.8	1712.3	1491.6
-8.75°	3171.2	3062.8	2937.5	2794.4	2635.1	2457.0	2260.8	2049.6	1830.6	1613.6	1403.5
-10°	3024.1	2917.8	2794.4	2654.6	2496.2	2318.5	2124.4	1917.6	1709.1	1503.7	1302.1
-11.25°	2859.9	2755.9	2635.1	2496.2	2337.1	2161.5	1971.9	1776.3	1580.2	1388.1	1184.7
-12.5°	2680.9	2577.4	2457.0	2318.5	2161.5	1990.2	1810.4	1627.3	1445.0	1257.5	1055.1
-13.75°	2483.1	2380.3	2260.8	2124.4	1971.9	1810.4	1643.2	1473.8	1301.9	1113.1	915.9
-15°	2266.8	2166.4	2049.6	1917.6	1776.3	1627.3	1473.8	1316.8	1142.3	957.1	774.2
-16.25°	2036.3	1939.8	1830.6	1709.1	1580.2	1445.0	1301.9	1142.3	971.3	800.1	637.3
-17.5°	1800.7	1712.3	1613.6	1503.7	1388.1	1257.5	1113.1	957.1	800.1	648.5	507.1
-18.75°	1570.3	1491.6	1403.5	1302.1	1184.7	1055.1	915.9	774.2	637.3	507.1	387.9
-20°	1350.1	1274.4	1185.3	1083.5	969.5	849.7	724.9	603.6	488.1	380.4	285.8
-21.25°	1115.7	1041.5	955.3	861.7	758.8	656.6	551.2	450.5	357.7	275.6	210.8



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	876.7	810.0	733.7	654.9	567.9	484.7	399.6	320.3	255.4	203.2	170.1
-23.75°	655.6	599.1	538.3	473.3	404.7	339.4	277.9	225.3	190.6	165.0	150.5
-25°	463.7	418.0	373.3	322.5	275.9	232.7	199.0	173.1	158.3	146.2	136.2
-26.25°	306.9	279.2	249.7	216.1	195.3	174.1	160.8	149.6	140.7	131.6	122.0
-27.5°	206.5	194.2	179.7	166.3	158.0	148.8	141.6	133.9	125.6	116.9	108.4
-28.75°	161.6	156.3	150.0	144.6	138.9	132.5	125.7	118.2	110.7	103.6	96.1
-30°	140.5	136.8	132.5	127.7	122.2	116.1	110.1	104.1	97.6	90.8	83.6
-31.25°	122.9	119.4	115.3	111.0	106.6	101.7	96.4	90.6	84.5	80.2	76.7
-32.5°	106.4	103.6	100.3	96.6	92.4	87.7	82.6	79.8	76.8	73.7	70.3
-33.75°	91.5	88.9	85.7	82.3	80.3	78.1	75.6	73.0	70.1	67.2	66.0
-35°	79.6	78.3	76.8	75.1	73.1	71.0	68.6	66.8	65.8	64.7	63.6
-36.25°	72.1	70.9	69.4	67.8	66.8	66.0	65.2	64.3	63.3	62.2	61.4
-37.5°	66.3	65.9	65.3	64.7	64.1	63.3	62.5	61.7	61.2	60.8	60.4
-38.75°	63.5	63.1	62.6	62.0	61.5	61.2	60.9	60.5	60.1	59.7	59.3
-40°	61.2	61.0	60.8	60.6	60.4	60.1	59.8	59.4	59.1	58.8	58.6
-41.25°	60.0	59.9	59.7	59.5	59.2	59.0	58.8	58.6	58.4	58.1	57.9
-42.5°	59.0	58.9	58.7	58.6	58.4	58.3	58.1	57.9	57.6	57.5	57.4
-43.75°	58.2	58.1	58.0	57.8	57.7	57.6	57.5	57.4	57.3	57.1	57.0
-45°	57.5	57.4	57.4	57.3	57.3	57.2	57.1	57.0	56.9	56.7	56.5
-46.25°	57.1	57.1	57.0	56.9	56.9	56.8	56.6	56.4	56.2	56.0	55.8
-47.5°	56.6	56.5	56.4	56.3	56.2	56.0	55.8	55.7	55.5	55.3	55.0
-48.75°	55.8	55.7	55.6	55.5	55.4	55.2	55.0	54.8	54.5	54.2	53.9
-50°	54.9	54.8	54.7	54.5	54.3	54.1	53.9	53.6	53.4	53.1	52.8
-51.25°	53.7	53.6	53.5	53.3	53.2	53.0	52.7	52.5	52.3	52.0	51.7
-52.5°	52.5	52.4	52.3	52.2	52.0	51.8	51.6	51.4	51.1	50.9	50.6
-53.75°	51.4	51.3	51.1	51.0	50.8	50.6	50.5	50.2	49.9	49.5	49.2
-55°	50.1	50.0	49.8	49.6	49.4	49.2	48.9	48.7	48.4	48.0	47.7
-56.25°	48.5	48.4	48.2	48.1	47.9	47.6	47.4	47.1	46.8	46.4	46.0
-57.5°	46.9	46.7	46.5	46.3	46.1	45.8	45.5	45.2	44.9	44.5	44.1
-58.75°	44.9	44.7	44.6	44.4	44.1	43.9	43.6	43.3	43.0	42.6	42.3
-60°	42.9	42.7	42.6	42.4	42.2	42.0	41.7	41.4	41.1	40.8	40.4
-61.25°	40.9	40.8	40.6	40.4	40.2	40.0	39.8	39.5	39.2	38.8	38.3
-62.5°	38.8	38.6	38.4	38.2	37.9	37.6	37.3	36.9	36.5	36.1	35.7
-63.75°	36.0	35.9	35.7	35.4	35.2	34.9	34.6	34.3	33.9	33.5	33.1
-65°	33.2	33.1	32.9	32.7	32.5	32.2	31.9	31.6	31.2	30.8	30.4
-66.25°	30.5	30.3	30.1	29.9	29.7	29.5	29.2	28.9	28.6	28.2	27.8
-67.5°	27.7	27.6	27.5	27.3	27.1	26.9	26.7	26.5	26.2	25.9	25.6
-68.75°	25.3	25.2	25.1	25.0	24.8	24.6	24.4	24.1	23.9	23.6	23.3
-70°	23.0	22.9	22.8	22.7	22.6	22.4	22.2	22.1	21.9	21.7	21.4
-71.25°	21.0	20.9	20.8	20.7	20.6	20.5	20.3	20.1	20.0	19.8	19.6
-72.5°	19.1	19.0	18.9	18.8	18.8	18.7	18.5	18.4	18.3	18.1	18.0
-73.75°	17.5	17.4	17.4	17.3	17.2	17.1	17.0	16.9	16.7	16.6	16.5
-75°	15.9	15.9	15.9	15.9	15.8	15.8	15.7	15.7	15.6	15.5	15.5
-76.25°	15.1	15.1	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.8	14.7
-77.5°	14.3	14.3	14.3	14.2	14.2	14.1	14.1	14.0	13.9	13.8	13.8



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	13.1	13.1	13.1	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6
-80°	11.9	11.9	11.8	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3
-81.25°	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.9	9.8
-82.5°	8.7	8.7	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3
-83.75°	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8
-85°	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.3
-86.25°	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7
-87.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
-88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-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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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
87.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0
86.25°	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.2
85°	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.7	4.6
83.75°	6.7	6.7	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.0	5.9
82.5°	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3
81.25°	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.6
80°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0
78.75°	12.5	12.5	12.4	12.3	12.2	12.1	12.0	11.8	11.7	11.5	11.3
77.5°	13.7	13.6	13.5	13.4	13.3	13.1	13.0	12.9	12.8	12.6	12.5
76.25°	14.7	14.6	14.5	14.4	14.3	14.2	14.1	13.9	13.8	13.7	13.5
75°	15.4	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5
73.75°	16.3	16.2	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.1
72.5°	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.1	15.9	15.8
71.25°	19.3	19.1	18.9	18.7	18.5	18.2	18.0	17.8	17.5	17.2	16.9
70°	21.2	20.9	20.7	20.4	20.1	19.8	19.5	19.1	18.9	18.6	18.3
68.75°	23.1	22.8	22.5	22.2	21.9	21.6	21.2	20.8	20.5	20.1	19.7
67.5°	25.3	24.9	24.6	24.2	23.8	23.3	22.9	22.6	22.2	21.8	21.3
66.25°	27.5	27.1	26.7	26.3	25.9	25.5	25.0	24.5	24.0	23.5	23.0
65°	30.0	29.6	29.1	28.6	28.0	27.6	27.1	26.6	26.0	25.5	24.9
63.75°	32.6	32.1	31.6	31.1	30.5	30.0	29.3	28.7	28.0	27.5	26.9
62.5°	35.2	34.7	34.2	33.6	33.0	32.4	31.8	31.1	30.4	29.7	28.9
61.25°	37.8	37.3	36.7	36.1	35.5	34.8	34.2	33.5	32.7	32.0	31.2
60°	40.0	39.6	39.2	38.6	38.0	37.3	36.6	35.8	35.1	34.3	33.5
58.75°	41.9	41.5	41.0	40.6	40.1	39.6	39.0	38.2	37.4	36.6	35.7
57.5°	43.7	43.3	42.8	42.3	41.8	41.3	40.7	40.2	39.6	38.9	38.0
56.25°	45.6	45.1	44.6	44.1	43.6	43.0	42.4	41.8	41.2	40.6	39.9
55°	47.3	46.9	46.4	45.9	45.3	44.7	44.1	43.5	42.9	42.2	41.5
53.75°	48.8	48.4	48.0	47.5	47.0	46.4	45.8	45.2	44.5	43.8	43.1
52.5°	50.3	49.8	49.4	48.9	48.5	48.0	47.4	46.8	46.1	45.4	44.6
51.25°	51.4	51.1	50.7	50.3	49.8	49.3	48.8	48.2	47.6	47.0	46.2
50°	52.5	52.1	51.8	51.4	51.0	50.6	50.1	49.5	48.9	48.3	47.6
48.75°	53.6	53.2	52.8	52.4	52.0	51.6	51.2	50.7	50.2	49.5	48.8
47.5°	54.6	54.3	53.9	53.5	53.0	52.6	52.1	51.7	51.2	50.7	50.1
46.25°	55.5	55.3	54.9	54.5	54.1	53.6	53.1	52.6	52.1	51.6	51.0
45°	56.3	56.0	55.7	55.4	55.1	54.6	54.1	53.6	53.1	52.5	51.9
43.75°	56.9	56.7	56.4	56.1	55.8	55.4	55.1	54.5	54.0	53.4	52.8
42.5°	57.2	57.1	56.9	56.8	56.4	56.1	55.7	55.4	54.9	54.3	53.7
41.25°	57.6	57.4	57.3	57.1	56.9	56.7	56.4	56.0	55.6	55.2	54.6
40°	58.3	58.0	57.6	57.4	57.3	57.1	56.9	56.6	56.2	55.8	55.4
38.75°	59.0	58.6	58.3	58.0	57.6	57.4	57.2	57.0	56.8	56.4	55.9
37.5°	59.9	59.4	59.0	58.6	58.2	57.8	57.5	57.3	57.1	56.9	56.5
36.25°	60.9	60.4	59.8	59.3	58.9	58.4	58.0	57.6	57.4	57.1	56.9
35°	62.4	61.4	60.8	60.2	59.6	59.1	58.6	58.2	57.7	57.4	57.2



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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°
33.75°	64.8	63.4	62.0	61.2	60.5	59.9	59.2	58.8	58.3	57.8	57.4
32.5°	67.1	65.7	64.3	62.8	61.5	60.8	60.1	59.4	58.8	58.3	57.8
31.25°	73.1	69.3	66.5	65.0	63.4	61.7	60.9	60.2	59.5	58.9	58.3
30°	79.3	75.3	71.2	67.2	65.5	63.8	62.0	61.0	60.2	59.5	58.8
28.75°	88.2	81.3	77.0	72.6	68.0	65.8	64.0	62.1	61.0	60.2	59.4
27.5°	100.3	91.8	82.9	78.1	73.4	68.6	65.9	64.0	62.0	60.9	60.1
26.25°	112.1	103.3	94.1	84.6	78.7	73.7	68.6	65.8	63.8	61.7	60.8
25°	125.7	114.9	105.1	95.3	85.2	78.7	73.4	68.0	65.5	63.4	61.5
23.75°	139.2	128.0	116.4	105.7	95.3	84.6	78.1	72.6	67.2	65.0	62.8
22.5°	153.8	140.8	128.7	116.4	105.1	94.1	82.9	77.0	71.2	66.5	64.3
21.25°	175.1	154.9	140.8	128.0	114.9	103.3	91.8	81.3	75.3	69.3	65.7
20°	213.8	175.1	153.8	139.2	125.7	112.1	100.3	88.2	79.3	73.1	67.1
18.75°	285.8	210.8	170.1	150.5	136.2	122.0	108.4	96.1	83.6	76.7	70.3
17.5°	380.4	275.6	203.2	165.0	146.2	131.6	116.9	103.6	90.8	80.2	73.7
16.25°	488.1	357.7	255.4	190.6	158.3	140.7	125.6	110.7	97.6	84.5	76.8
15°	603.6	450.5	320.3	225.3	173.1	149.6	133.9	118.2	104.1	90.6	79.8
13.75°	724.9	551.2	399.6	277.9	199.0	160.8	141.6	125.7	110.1	96.4	82.6
12.5°	849.7	656.6	484.7	339.4	232.7	174.1	148.8	132.5	116.1	101.7	87.7
11.25°	969.5	758.8	567.9	404.7	275.9	195.3	158.0	138.9	122.2	106.6	92.4
10°	1083.5	861.7	654.9	473.3	322.5	216.1	166.3	144.6	127.7	111.0	96.6
8.75°	1185.3	955.3	733.7	538.3	373.3	249.7	179.7	150.0	132.5	115.3	100.3
7.5°	1274.4	1041.5	810.0	599.1	418.0	279.2	194.2	156.3	136.8	119.4	103.6
6.25°	1350.1	1115.7	876.7	655.6	463.7	306.9	206.5	161.6	140.5	122.9	106.4
5°	1409.7	1176.3	931.9	702.3	502.2	337.0	220.2	166.0	143.5	125.8	108.8
3.75°	1456.7	1223.7	977.4	739.1	532.4	360.5	235.7	170.1	145.9	128.0	110.6
2.5°	1490.6	1257.8	1010.3	768.1	554.1	377.5	246.8	175.5	147.5	129.6	111.9
1.25°	1511.1	1278.5	1030.2	785.9	567.2	387.7	253.6	178.8	148.6	130.6	112.6
0°	1518.0	1285.4	1036.8	791.8	571.6	391.1	255.8	179.9	148.9	130.9	112.9
-1.25°	1511.1	1278.5	1030.2	785.9	567.2	387.7	253.6	178.8	148.6	130.6	112.6
-2.5°	1490.6	1257.8	1010.3	768.1	554.1	377.5	246.8	175.5	147.5	129.6	111.9
-3.75°	1456.7	1223.7	977.4	739.1	532.4	360.5	235.7	170.1	145.9	128.0	110.6
-5°	1409.7	1176.3	931.9	702.3	502.2	337.0	220.2	166.0	143.5	125.8	108.8
-6.25°	1350.1	1115.7	876.7	655.6	463.7	306.9	206.5	161.6	140.5	122.9	106.4
-7.5°	1274.4	1041.5	810.0	599.1	418.0	279.2	194.2	156.3	136.8	119.4	103.6
-8.75°	1185.3	955.3	733.7	538.3	373.3	249.7	179.7	150.0	132.5	115.3	100.3
-10°	1083.5	861.7	654.9	473.3	322.5	216.1	166.3	144.6	127.7	111.0	96.6
-11.25°	969.5	758.8	567.9	404.7	275.9	195.3	158.0	138.9	122.2	106.6	92.4
-12.5°	849.7	656.6	484.7	339.4	232.7	174.1	148.8	132.5	116.1	101.7	87.7
-13.75°	724.9	551.2	399.6	277.9	199.0	160.8	141.6	125.7	110.1	96.4	82.6
-15°	603.6	450.5	320.3	225.3	173.1	149.6	133.9	118.2	104.1	90.6	79.8
-16.25°	488.1	357.7	255.4	190.6	158.3	140.7	125.6	110.7	97.6	84.5	76.8
-17.5°	380.4	275.6	203.2	165.0	146.2	131.6	116.9	103.6	90.8	80.2	73.7
-18.75°	285.8	210.8	170.1	150.5	136.2	122.0	108.4	96.1	83.6	76.7	70.3
-20°	213.8	175.1	153.8	139.2	125.7	112.1	100.3	88.2	79.3	73.1	67.1
-21.25°	175.1	154.9	140.8	128.0	114.9	103.3	91.8	81.3	75.3	69.3	65.7



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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°	153.8	140.8	128.7	116.4	105.1	94.1	82.9	77.0	71.2	66.5	64.3
-23.75°	139.2	128.0	116.4	105.7	95.3	84.6	78.1	72.6	67.2	65.0	62.8
-25°	125.7	114.9	105.1	95.3	85.2	78.7	73.4	68.0	65.5	63.4	61.5
-26.25°	112.1	103.3	94.1	84.6	78.7	73.7	68.6	65.8	63.8	61.7	60.8
-27.5°	100.3	91.8	82.9	78.1	73.4	68.6	65.9	64.0	62.0	60.9	60.1
-28.75°	88.2	81.3	77.0	72.6	68.0	65.8	64.0	62.1	61.0	60.2	59.4
-30°	79.3	75.3	71.2	67.2	65.5	63.8	62.0	61.0	60.2	59.5	58.8
-31.25°	73.1	69.3	66.5	65.0	63.4	61.7	60.9	60.2	59.5	58.9	58.3
-32.5°	67.1	65.7	64.3	62.8	61.5	60.8	60.1	59.4	58.8	58.3	57.8
-33.75°	64.8	63.4	62.0	61.2	60.5	59.9	59.2	58.8	58.3	57.8	57.4
-35°	62.4	61.4	60.8	60.2	59.6	59.1	58.6	58.2	57.7	57.4	57.2
-36.25°	60.9	60.4	59.8	59.3	58.9	58.4	58.0	57.6	57.4	57.1	56.9
-37.5°	59.9	59.4	59.0	58.6	58.2	57.8	57.5	57.3	57.1	56.9	56.5
-38.75°	59.0	58.6	58.3	58.0	57.6	57.4	57.2	57.0	56.8	56.4	55.9
-40°	58.3	58.0	57.6	57.4	57.3	57.1	56.9	56.6	56.2	55.8	55.4
-41.25°	57.6	57.4	57.3	57.1	56.9	56.7	56.4	56.0	55.6	55.2	54.6
-42.5°	57.2	57.1	56.9	56.8	56.4	56.1	55.7	55.4	54.9	54.3	53.7
-43.75°	56.9	56.7	56.4	56.1	55.8	55.4	55.1	54.5	54.0	53.4	52.8
-45°	56.3	56.0	55.7	55.4	55.1	54.6	54.1	53.6	53.1	52.5	51.9
-46.25°	55.5	55.3	54.9	54.5	54.1	53.6	53.1	52.6	52.1	51.6	51.0
-47.5°	54.6	54.3	53.9	53.5	53.0	52.6	52.1	51.7	51.2	50.7	50.1
-48.75°	53.6	53.2	52.8	52.4	52.0	51.6	51.2	50.7	50.2	49.5	48.8
-50°	52.5	52.1	51.8	51.4	51.0	50.6	50.1	49.5	48.9	48.3	47.6
-51.25°	51.4	51.1	50.7	50.3	49.8	49.3	48.8	48.2	47.6	47.0	46.2
-52.5°	50.3	49.8	49.4	48.9	48.5	48.0	47.4	46.8	46.1	45.4	44.6
-53.75°	48.8	48.4	48.0	47.5	47.0	46.4	45.8	45.2	44.5	43.8	43.1
-55°	47.3	46.9	46.4	45.9	45.3	44.7	44.1	43.5	42.9	42.2	41.5
-56.25°	45.6	45.1	44.6	44.1	43.6	43.0	42.4	41.8	41.2	40.6	39.9
-57.5°	43.7	43.3	42.8	42.3	41.8	41.3	40.7	40.2	39.6	38.9	38.0
-58.75°	41.9	41.5	41.0	40.6	40.1	39.6	39.0	38.2	37.4	36.6	35.7
-60°	40.0	39.6	39.2	38.6	38.0	37.3	36.6	35.8	35.1	34.3	33.5
-61.25°	37.8	37.3	36.7	36.1	35.5	34.8	34.2	33.5	32.7	32.0	31.2
-62.5°	35.2	34.7	34.2	33.6	33.0	32.4	31.8	31.1	30.4	29.7	28.9
-63.75°	32.6	32.1	31.6	31.1	30.5	30.0	29.3	28.7	28.0	27.5	26.9
-65°	30.0	29.6	29.1	28.6	28.0	27.6	27.1	26.6	26.0	25.5	24.9
-66.25°	27.5	27.1	26.7	26.3	25.9	25.5	25.0	24.5	24.0	23.5	23.0
-67.5°	25.3	24.9	24.6	24.2	23.8	23.3	22.9	22.6	22.2	21.8	21.3
-68.75°	23.1	22.8	22.5	22.2	21.9	21.6	21.2	20.8	20.5	20.1	19.7
-70°	21.2	20.9	20.7	20.4	20.1	19.8	19.5	19.1	18.9	18.6	18.3
-71.25°	19.3	19.1	18.9	18.7	18.5	18.2	18.0	17.8	17.5	17.2	16.9
-72.5°	17.8	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.1	15.9	15.8
-73.75°	16.3	16.2	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.1
-75°	15.4	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5
-76.25°	14.7	14.6	14.5	14.4	14.3	14.2	14.1	13.9	13.8	13.7	13.5
-77.5°	13.7	13.6	13.5	13.4	13.3	13.1	13.0	12.9	12.8	12.6	12.5



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	12.5	12.5	12.4	12.3	12.2	12.1	12.0	11.8	11.7	11.5	11.3
-80°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0
-81.25°	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.6
-82.5°	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3
-83.75°	6.7	6.7	6.6	6.5	6.4	6.4	6.3	6.2	6.1	6.0	5.9
-85°	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.7	4.6
-86.25°	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.2
-87.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
87.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
86.25°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
85°	4.5	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
83.75°	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7
82.5°	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.8
81.25°	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.4	7.3	7.1	6.9
80°	9.8	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.0
78.75°	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.3	9.1
77.5°	12.4	12.2	12.1	11.9	11.6	11.4	11.2	11.0	10.7	10.5	10.2
76.25°	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.6	11.3
75°	14.3	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.7	12.5	12.3
73.75°	15.0	14.9	14.7	14.6	14.5	14.3	14.1	13.8	13.6	13.4	13.1
72.5°	15.7	15.5	15.4	15.2	15.1	14.9	14.8	14.6	14.4	14.2	13.9
71.25°	16.6	16.3	16.0	15.9	15.7	15.5	15.4	15.2	15.0	14.8	14.6
70°	17.9	17.6	17.3	17.0	16.6	16.2	15.9	15.7	15.6	15.4	15.2
68.75°	19.3	18.9	18.6	18.2	17.8	17.4	17.0	16.6	16.2	15.9	15.7
67.5°	20.9	20.4	20.0	19.5	19.0	18.6	18.2	17.8	17.3	16.9	16.4
66.25°	22.5	22.0	21.5	21.0	20.5	20.0	19.4	18.9	18.4	18.0	17.5
65°	24.3	23.7	23.1	22.5	22.0	21.4	20.8	20.2	19.6	19.1	18.6
63.75°	26.2	25.6	24.9	24.2	23.5	22.9	22.3	21.7	21.0	20.4	19.7
62.5°	28.2	27.5	26.8	26.1	25.3	24.6	23.8	23.0	22.4	21.7	21.0
61.25°	30.4	29.6	28.7	27.9	27.1	26.3	25.5	24.7	23.8	23.0	22.3
60°	32.6	31.8	30.9	30.0	29.0	28.0	27.2	26.3	25.5	24.6	23.6
58.75°	34.8	33.9	33.0	32.0	31.1	30.1	29.0	28.0	27.1	26.1	25.2
57.5°	37.0	36.1	35.1	34.1	33.1	32.0	31.0	29.9	28.8	27.7	26.7
56.25°	39.2	38.2	37.2	36.2	35.1	34.0	32.9	31.8	30.6	29.4	28.2
55°	40.8	40.0	39.3	38.2	37.1	36.0	34.8	33.6	32.4	31.2	29.9
53.75°	42.3	41.6	40.8	40.0	39.1	37.9	36.7	35.5	34.2	33.0	31.7
52.5°	43.9	43.1	42.2	41.4	40.6	39.7	38.6	37.3	36.0	34.7	33.4
51.25°	45.4	44.6	43.7	42.8	42.0	41.0	40.1	39.2	37.8	36.4	35.1
50°	46.9	46.0	45.2	44.3	43.3	42.4	41.4	40.5	39.5	38.2	36.7
48.75°	48.2	47.4	46.6	45.7	44.7	43.7	42.7	41.7	40.7	39.7	38.4
47.5°	49.3	48.6	47.9	47.1	46.1	45.1	44.0	43.0	41.9	40.9	39.8
46.25°	50.5	49.8	49.0	48.2	47.4	46.4	45.3	44.2	43.1	42.0	40.9
45°	51.4	50.8	50.1	49.3	48.4	47.6	46.6	45.5	44.3	43.2	42.0
43.75°	52.2	51.6	51.0	50.4	49.5	48.6	47.7	46.7	45.5	44.3	43.1
42.5°	53.1	52.5	51.8	51.2	50.5	49.6	48.7	47.7	46.7	45.5	44.2
41.25°	53.9	53.3	52.6	52.0	51.3	50.6	49.7	48.7	47.7	46.6	45.3
40°	54.8	54.1	53.4	52.7	52.0	51.3	50.6	49.6	48.6	47.6	46.4
38.75°	55.5	54.9	54.2	53.5	52.8	52.0	51.3	50.5	49.5	48.4	47.4
37.5°	56.0	55.5	55.0	54.2	53.5	52.7	52.0	51.2	50.4	49.3	48.2
36.25°	56.5	56.1	55.6	55.0	54.2	53.4	52.6	51.8	51.0	50.1	49.0
35°	56.9	56.6	56.1	55.5	54.9	54.1	53.3	52.5	51.6	50.8	49.8



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	57.2	56.9	56.5	56.0	55.5	54.8	53.9	53.1	52.2	51.4	50.5
32.5°	57.4	57.2	56.9	56.5	55.9	55.4	54.6	53.7	52.8	51.9	51.0
31.25°	57.8	57.4	57.1	56.9	56.4	55.8	55.2	54.3	53.4	52.5	51.6
30°	58.3	57.7	57.4	57.1	56.8	56.2	55.6	54.9	54.0	53.1	52.1
28.75°	58.8	58.2	57.6	57.3	57.0	56.6	56.0	55.4	54.5	53.6	52.6
27.5°	59.2	58.6	58.0	57.5	57.2	56.9	56.4	55.7	55.1	54.1	53.1
26.25°	59.9	59.1	58.4	57.8	57.4	57.1	56.7	56.1	55.4	54.6	53.6
25°	60.5	59.6	58.9	58.2	57.6	57.3	56.9	56.4	55.8	55.1	54.1
23.75°	61.2	60.2	59.3	58.6	58.0	57.4	57.1	56.8	56.1	55.4	54.5
22.5°	62.0	60.8	59.8	59.0	58.3	57.6	57.3	56.9	56.4	55.7	54.9
21.25°	63.4	61.4	60.4	59.4	58.6	58.0	57.4	57.1	56.7	56.0	55.3
20°	64.8	62.4	60.9	59.9	59.0	58.3	57.6	57.2	56.9	56.3	55.5
18.75°	66.0	63.6	61.4	60.4	59.3	58.6	57.9	57.4	57.0	56.5	55.8
17.5°	67.2	64.7	62.2	60.8	59.7	58.8	58.1	57.5	57.1	56.7	56.0
16.25°	70.1	65.8	63.3	61.2	60.1	59.1	58.4	57.6	57.3	56.9	56.2
15°	73.0	66.8	64.3	61.7	60.5	59.4	58.6	57.9	57.4	57.0	56.4
13.75°	75.6	68.6	65.2	62.5	60.9	59.8	58.8	58.1	57.5	57.1	56.6
12.5°	78.1	71.0	66.0	63.3	61.2	60.1	59.0	58.3	57.6	57.2	56.8
11.25°	80.3	73.1	66.8	64.1	61.5	60.4	59.2	58.4	57.7	57.3	56.9
10°	82.3	75.1	67.8	64.7	62.0	60.6	59.5	58.6	57.8	57.3	56.9
8.75°	85.7	76.8	69.4	65.3	62.6	60.8	59.7	58.7	58.0	57.4	57.0
7.5°	88.9	78.3	70.9	65.9	63.1	61.0	59.9	58.9	58.1	57.4	57.1
6.25°	91.5	79.6	72.1	66.3	63.5	61.2	60.0	59.0	58.2	57.5	57.1
5°	93.7	80.6	73.1	66.7	63.8	61.4	60.2	59.0	58.3	57.5	57.1
3.75°	95.5	81.4	73.9	66.9	64.1	61.5	60.3	59.1	58.3	57.6	57.2
2.5°	96.7	82.0	74.4	67.1	64.3	61.5	60.3	59.2	58.4	57.6	57.2
1.25°	97.5	82.4	74.8	67.3	64.4	61.6	60.4	59.2	58.4	57.6	57.2
0°	97.7	82.5	74.9	67.3	64.5	61.6	60.4	59.2	58.4	57.6	57.2
-1.25°	97.5	82.4	74.8	67.3	64.4	61.6	60.4	59.2	58.4	57.6	57.2
-2.5°	96.7	82.0	74.4	67.1	64.3	61.5	60.3	59.2	58.4	57.6	57.2
-3.75°	95.5	81.4	73.9	66.9	64.1	61.5	60.3	59.1	58.3	57.6	57.2
-5°	93.7	80.6	73.1	66.7	63.8	61.4	60.2	59.0	58.3	57.5	57.1
-6.25°	91.5	79.6	72.1	66.3	63.5	61.2	60.0	59.0	58.2	57.5	57.1
-7.5°	88.9	78.3	70.9	65.9	63.1	61.0	59.9	58.9	58.1	57.4	57.1
-8.75°	85.7	76.8	69.4	65.3	62.6	60.8	59.7	58.7	58.0	57.4	57.0
-10°	82.3	75.1	67.8	64.7	62.0	60.6	59.5	58.6	57.8	57.3	56.9
-11.25°	80.3	73.1	66.8	64.1	61.5	60.4	59.2	58.4	57.7	57.3	56.9
-12.5°	78.1	71.0	66.0	63.3	61.2	60.1	59.0	58.3	57.6	57.2	56.8
-13.75°	75.6	68.6	65.2	62.5	60.9	59.8	58.8	58.1	57.5	57.1	56.6
-15°	73.0	66.8	64.3	61.7	60.5	59.4	58.6	57.9	57.4	57.0	56.4
-16.25°	70.1	65.8	63.3	61.2	60.1	59.1	58.4	57.6	57.3	56.9	56.2
-17.5°	67.2	64.7	62.2	60.8	59.7	58.8	58.1	57.5	57.1	56.7	56.0
-18.75°	66.0	63.6	61.4	60.4	59.3	58.6	57.9	57.4	57.0	56.5	55.8
-20°	64.8	62.4	60.9	59.9	59.0	58.3	57.6	57.2	56.9	56.3	55.5
-21.25°	63.4	61.4	60.4	59.4	58.6	58.0	57.4	57.1	56.7	56.0	55.3



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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°	62.0	60.8	59.8	59.0	58.3	57.6	57.3	56.9	56.4	55.7	54.9
-23.75°	61.2	60.2	59.3	58.6	58.0	57.4	57.1	56.8	56.1	55.4	54.5
-25°	60.5	59.6	58.9	58.2	57.6	57.3	56.9	56.4	55.8	55.1	54.1
-26.25°	59.9	59.1	58.4	57.8	57.4	57.1	56.7	56.1	55.4	54.6	53.6
-27.5°	59.2	58.6	58.0	57.5	57.2	56.9	56.4	55.7	55.1	54.1	53.1
-28.75°	58.8	58.2	57.6	57.3	57.0	56.6	56.0	55.4	54.5	53.6	52.6
-30°	58.3	57.7	57.4	57.1	56.8	56.2	55.6	54.9	54.0	53.1	52.1
-31.25°	57.8	57.4	57.1	56.9	56.4	55.8	55.2	54.3	53.4	52.5	51.6
-32.5°	57.4	57.2	56.9	56.5	55.9	55.4	54.6	53.7	52.8	51.9	51.0
-33.75°	57.2	56.9	56.5	56.0	55.5	54.8	53.9	53.1	52.2	51.4	50.5
-35°	56.9	56.6	56.1	55.5	54.9	54.1	53.3	52.5	51.6	50.8	49.8
-36.25°	56.5	56.1	55.6	55.0	54.2	53.4	52.6	51.8	51.0	50.1	49.0
-37.5°	56.0	55.5	55.0	54.2	53.5	52.7	52.0	51.2	50.4	49.3	48.2
-38.75°	55.5	54.9	54.2	53.5	52.8	52.0	51.3	50.5	49.5	48.4	47.4
-40°	54.8	54.1	53.4	52.7	52.0	51.3	50.6	49.6	48.6	47.6	46.4
-41.25°	53.9	53.3	52.6	52.0	51.3	50.6	49.7	48.7	47.7	46.6	45.3
-42.5°	53.1	52.5	51.8	51.2	50.5	49.6	48.7	47.7	46.7	45.5	44.2
-43.75°	52.2	51.6	51.0	50.4	49.5	48.6	47.7	46.7	45.5	44.3	43.1
-45°	51.4	50.8	50.1	49.3	48.4	47.6	46.6	45.5	44.3	43.2	42.0
-46.25°	50.5	49.8	49.0	48.2	47.4	46.4	45.3	44.2	43.1	42.0	40.9
-47.5°	49.3	48.6	47.9	47.1	46.1	45.1	44.0	43.0	41.9	40.9	39.8
-48.75°	48.2	47.4	46.6	45.7	44.7	43.7	42.7	41.7	40.7	39.7	38.4
-50°	46.9	46.0	45.2	44.3	43.3	42.4	41.4	40.5	39.5	38.2	36.7
-51.25°	45.4	44.6	43.7	42.8	42.0	41.0	40.1	39.2	37.8	36.4	35.1
-52.5°	43.9	43.1	42.2	41.4	40.6	39.7	38.6	37.3	36.0	34.7	33.4
-53.75°	42.3	41.6	40.8	40.0	39.1	37.9	36.7	35.5	34.2	33.0	31.7
-55°	40.8	40.0	39.3	38.2	37.1	36.0	34.8	33.6	32.4	31.2	29.9
-56.25°	39.2	38.2	37.2	36.2	35.1	34.0	32.9	31.8	30.6	29.4	28.2
-57.5°	37.0	36.1	35.1	34.1	33.1	32.0	31.0	29.9	28.8	27.7	26.7
-58.75°	34.8	33.9	33.0	32.0	31.1	30.1	29.0	28.0	27.1	26.1	25.2
-60°	32.6	31.8	30.9	30.0	29.0	28.0	27.2	26.3	25.5	24.6	23.6
-61.25°	30.4	29.6	28.7	27.9	27.1	26.3	25.5	24.7	23.8	23.0	22.3
-62.5°	28.2	27.5	26.8	26.1	25.3	24.6	23.8	23.0	22.4	21.7	21.0
-63.75°	26.2	25.6	24.9	24.2	23.5	22.9	22.3	21.7	21.0	20.4	19.7
-65°	24.3	23.7	23.1	22.5	22.0	21.4	20.8	20.2	19.6	19.1	18.6
-66.25°	22.5	22.0	21.5	21.0	20.5	20.0	19.4	18.9	18.4	18.0	17.5
-67.5°	20.9	20.4	20.0	19.5	19.0	18.6	18.2	17.8	17.3	16.9	16.4
-68.75°	19.3	18.9	18.6	18.2	17.8	17.4	17.0	16.6	16.2	15.9	15.7
-70°	17.9	17.6	17.3	17.0	16.6	16.2	15.9	15.7	15.6	15.4	15.2
-71.25°	16.6	16.3	16.0	15.9	15.7	15.5	15.4	15.2	15.0	14.8	14.6
-72.5°	15.7	15.5	15.4	15.2	15.1	14.9	14.8	14.6	14.4	14.2	13.9
-73.75°	15.0	14.9	14.7	14.6	14.5	14.3	14.1	13.8	13.6	13.4	13.1
-75°	14.3	14.2	14.0	13.8	13.6	13.4	13.2	13.0	12.7	12.5	12.3
-76.25°	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.6	11.3
-77.5°	12.4	12.2	12.1	11.9	11.6	11.4	11.2	11.0	10.7	10.5	10.2



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.3	9.1
-80°	9.8	9.7	9.5	9.3	9.2	9.0	8.8	8.6	8.4	8.2	8.0
-81.25°	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.4	7.3	7.1	6.9
-82.5°	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.8
-83.75°	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.7
-85°	4.5	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
-86.25°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
-87.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
-88.75°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
86.25°	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8
85°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
83.75°	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.2
82.5°	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.3	4.2	4.0
81.25°	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8
80°	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.6
78.75°	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.4
77.5°	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.5	7.2
76.25°	11.0	10.7	10.4	10.2	9.8	9.5	9.2	8.9	8.6	8.3	7.9
75°	12.1	11.8	11.5	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.7
73.75°	12.9	12.6	12.3	12.1	11.8	11.4	11.0	10.6	10.3	9.9	9.5
72.5°	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.5	11.1	10.7	10.3
71.25°	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	11.9	11.5	11.0
70°	15.0	14.7	14.5	14.3	13.9	13.6	13.3	12.9	12.6	12.2	11.8
68.75°	15.5	15.2	15.0	14.8	14.6	14.3	13.9	13.6	13.2	12.8	12.4
67.5°	16.0	15.8	15.5	15.3	15.0	14.8	14.5	14.2	13.8	13.4	13.0
66.25°	17.0	16.5	16.0	15.7	15.5	15.2	14.9	14.7	14.4	14.0	13.6
65°	18.0	17.5	17.0	16.4	15.9	15.7	15.4	15.1	14.8	14.5	14.1
63.75°	19.1	18.5	17.9	17.4	16.8	16.2	15.8	15.5	15.2	14.9	14.6
62.5°	20.3	19.6	18.9	18.3	17.7	17.1	16.5	15.9	15.6	15.3	14.9
61.25°	21.5	20.8	20.0	19.2	18.6	18.0	17.3	16.6	16.0	15.6	15.3
60°	22.8	22.0	21.2	20.4	19.6	18.8	18.1	17.4	16.7	16.0	15.7
58.75°	24.2	23.2	22.4	21.5	20.7	19.8	19.0	18.2	17.5	16.8	16.0
57.5°	25.7	24.6	23.6	22.6	21.7	20.8	19.9	19.0	18.3	17.5	16.7
56.25°	27.1	26.1	25.0	23.9	22.8	21.9	20.9	20.0	19.0	18.2	17.4
55°	28.7	27.5	26.3	25.2	24.0	22.9	21.9	20.9	19.9	19.0	18.1
53.75°	30.3	29.0	27.7	26.5	25.3	24.1	22.9	21.9	20.8	19.8	18.8
52.5°	32.0	30.6	29.2	27.8	26.6	25.3	24.0	22.8	21.7	20.7	19.6
51.25°	33.6	32.2	30.7	29.3	27.8	26.5	25.2	23.9	22.6	21.5	20.4
50°	35.3	33.8	32.3	30.7	29.2	27.7	26.3	25.0	23.6	22.4	21.2
48.75°	36.9	35.3	33.8	32.2	30.6	29.0	27.5	26.1	24.6	23.2	22.0
47.5°	38.4	36.9	35.3	33.6	32.0	30.3	28.7	27.1	25.7	24.2	22.8
46.25°	39.8	38.4	36.7	35.1	33.4	31.7	29.9	28.2	26.7	25.2	23.6
45°	40.9	39.7	38.2	36.4	34.7	33.0	31.2	29.4	27.7	26.1	24.6
43.75°	41.9	40.7	39.5	37.8	36.0	34.2	32.4	30.6	28.8	27.1	25.5
42.5°	43.0	41.7	40.5	39.2	37.3	35.5	33.6	31.8	29.9	28.0	26.3
41.25°	44.0	42.7	41.4	40.1	38.6	36.7	34.8	32.9	31.0	29.0	27.2
40°	45.1	43.7	42.4	41.0	39.7	37.9	36.0	34.0	32.0	30.1	28.0
38.75°	46.1	44.7	43.3	42.0	40.6	39.1	37.1	35.1	33.1	31.1	29.0
37.5°	47.1	45.7	44.3	42.8	41.4	40.0	38.2	36.2	34.1	32.0	30.0
36.25°	47.9	46.6	45.2	43.7	42.2	40.8	39.3	37.2	35.1	33.0	30.9
35°	48.6	47.4	46.0	44.6	43.1	41.6	40.0	38.2	36.1	33.9	31.8

REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	49.3	48.2	46.9	45.4	43.9	42.3	40.8	39.2	37.0	34.8	32.6
32.5°	50.1	48.8	47.6	46.2	44.6	43.1	41.5	39.9	38.0	35.7	33.5
31.25°	50.7	49.5	48.3	47.0	45.4	43.8	42.2	40.6	38.9	36.6	34.3
30°	51.2	50.2	48.9	47.6	46.1	44.5	42.9	41.2	39.6	37.4	35.1
28.75°	51.7	50.7	49.5	48.2	46.8	45.2	43.5	41.8	40.2	38.2	35.8
27.5°	52.1	51.2	50.1	48.8	47.4	45.8	44.1	42.4	40.7	39.0	36.6
26.25°	52.6	51.6	50.6	49.3	48.0	46.4	44.7	43.0	41.3	39.6	37.3
25°	53.0	52.0	51.0	49.8	48.5	47.0	45.3	43.6	41.8	40.1	38.0
23.75°	53.5	52.4	51.4	50.3	48.9	47.5	45.9	44.1	42.3	40.6	38.6
22.5°	53.9	52.8	51.8	50.7	49.4	48.0	46.4	44.6	42.8	41.0	39.2
21.25°	54.3	53.2	52.1	51.1	49.8	48.4	46.9	45.1	43.3	41.5	39.6
20°	54.6	53.6	52.5	51.4	50.3	48.8	47.3	45.6	43.7	41.9	40.0
18.75°	55.0	53.9	52.8	51.7	50.6	49.2	47.7	46.0	44.1	42.3	40.4
17.5°	55.3	54.2	53.1	52.0	50.9	49.5	48.0	46.4	44.5	42.6	40.8
16.25°	55.5	54.5	53.4	52.3	51.1	49.9	48.4	46.8	44.9	43.0	41.1
15°	55.7	54.8	53.6	52.5	51.4	50.2	48.7	47.1	45.2	43.3	41.4
13.75°	55.8	55.0	53.9	52.7	51.6	50.5	48.9	47.4	45.5	43.6	41.7
12.5°	56.0	55.2	54.1	53.0	51.8	50.6	49.2	47.6	45.8	43.9	42.0
11.25°	56.2	55.4	54.3	53.2	52.0	50.8	49.4	47.9	46.1	44.1	42.2
10°	56.3	55.5	54.5	53.3	52.2	51.0	49.6	48.1	46.3	44.4	42.4
8.75°	56.4	55.6	54.7	53.5	52.3	51.1	49.8	48.2	46.5	44.6	42.6
7.5°	56.5	55.7	54.8	53.6	52.4	51.3	50.0	48.4	46.7	44.7	42.7
6.25°	56.6	55.8	54.9	53.7	52.5	51.4	50.1	48.5	46.9	44.9	42.9
5°	56.7	55.9	55.0	53.8	52.6	51.4	50.2	48.6	47.0	45.0	43.0
3.75°	56.7	55.9	55.1	53.9	52.7	51.5	50.3	48.7	47.1	45.1	43.1
2.5°	56.8	56.0	55.2	54.0	52.8	51.6	50.4	48.8	47.1	45.1	43.1
1.25°	56.8	56.0	55.2	54.0	52.8	51.6	50.4	48.8	47.2	45.2	43.2
0°	56.8	56.0	55.2	54.0	52.8	51.6	50.4	48.8	47.2	45.2	43.2
-1.25°	56.8	56.0	55.2	54.0	52.8	51.6	50.4	48.8	47.2	45.2	43.2
-2.5°	56.8	56.0	55.2	54.0	52.8	51.6	50.4	48.8	47.1	45.1	43.1
-3.75°	56.7	55.9	55.1	53.9	52.7	51.5	50.3	48.7	47.1	45.1	43.1
-5°	56.7	55.9	55.0	53.8	52.6	51.4	50.2	48.6	47.0	45.0	43.0
-6.25°	56.6	55.8	54.9	53.7	52.5	51.4	50.1	48.5	46.9	44.9	42.9
-7.5°	56.5	55.7	54.8	53.6	52.4	51.3	50.0	48.4	46.7	44.7	42.7
-8.75°	56.4	55.6	54.7	53.5	52.3	51.1	49.8	48.2	46.5	44.6	42.6
-10°	56.3	55.5	54.5	53.3	52.2	51.0	49.6	48.1	46.3	44.4	42.4
-11.25°	56.2	55.4	54.3	53.2	52.0	50.8	49.4	47.9	46.1	44.1	42.2
-12.5°	56.0	55.2	54.1	53.0	51.8	50.6	49.2	47.6	45.8	43.9	42.0
-13.75°	55.8	55.0	53.9	52.7	51.6	50.5	48.9	47.4	45.5	43.6	41.7
-15°	55.7	54.8	53.6	52.5	51.4	50.2	48.7	47.1	45.2	43.3	41.4
-16.25°	55.5	54.5	53.4	52.3	51.1	49.9	48.4	46.8	44.9	43.0	41.1
-17.5°	55.3	54.2	53.1	52.0	50.9	49.5	48.0	46.4	44.5	42.6	40.8
-18.75°	55.0	53.9	52.8	51.7	50.6	49.2	47.7	46.0	44.1	42.3	40.4
-20°	54.6	53.6	52.5	51.4	50.3	48.8	47.3	45.6	43.7	41.9	40.0
-21.25°	54.3	53.2	52.1	51.1	49.8	48.4	46.9	45.1	43.3	41.5	39.6



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	53.9	52.8	51.8	50.7	49.4	48.0	46.4	44.6	42.8	41.0	39.2
-23.75°	53.5	52.4	51.4	50.3	48.9	47.5	45.9	44.1	42.3	40.6	38.6
-25°	53.0	52.0	51.0	49.8	48.5	47.0	45.3	43.6	41.8	40.1	38.0
-26.25°	52.6	51.6	50.6	49.3	48.0	46.4	44.7	43.0	41.3	39.6	37.3
-27.5°	52.1	51.2	50.1	48.8	47.4	45.8	44.1	42.4	40.7	39.0	36.6
-28.75°	51.7	50.7	49.5	48.2	46.8	45.2	43.5	41.8	40.2	38.2	35.8
-30°	51.2	50.2	48.9	47.6	46.1	44.5	42.9	41.2	39.6	37.4	35.1
-31.25°	50.7	49.5	48.3	47.0	45.4	43.8	42.2	40.6	38.9	36.6	34.3
-32.5°	50.1	48.8	47.6	46.2	44.6	43.1	41.5	39.9	38.0	35.7	33.5
-33.75°	49.3	48.2	46.9	45.4	43.9	42.3	40.8	39.2	37.0	34.8	32.6
-35°	48.6	47.4	46.0	44.6	43.1	41.6	40.0	38.2	36.1	33.9	31.8
-36.25°	47.9	46.6	45.2	43.7	42.2	40.8	39.3	37.2	35.1	33.0	30.9
-37.5°	47.1	45.7	44.3	42.8	41.4	40.0	38.2	36.2	34.1	32.0	30.0
-38.75°	46.1	44.7	43.3	42.0	40.6	39.1	37.1	35.1	33.1	31.1	29.0
-40°	45.1	43.7	42.4	41.0	39.7	37.9	36.0	34.0	32.0	30.1	28.0
-41.25°	44.0	42.7	41.4	40.1	38.6	36.7	34.8	32.9	31.0	29.0	27.2
-42.5°	43.0	41.7	40.5	39.2	37.3	35.5	33.6	31.8	29.9	28.0	26.3
-43.75°	41.9	40.7	39.5	37.8	36.0	34.2	32.4	30.6	28.8	27.1	25.5
-45°	40.9	39.7	38.2	36.4	34.7	33.0	31.2	29.4	27.7	26.1	24.6
-46.25°	39.8	38.4	36.7	35.1	33.4	31.7	29.9	28.2	26.7	25.2	23.6
-47.5°	38.4	36.9	35.3	33.6	32.0	30.3	28.7	27.1	25.7	24.2	22.8
-48.75°	36.9	35.3	33.8	32.2	30.6	29.0	27.5	26.1	24.6	23.2	22.0
-50°	35.3	33.8	32.3	30.7	29.2	27.7	26.3	25.0	23.6	22.4	21.2
-51.25°	33.6	32.2	30.7	29.3	27.8	26.5	25.2	23.9	22.6	21.5	20.4
-52.5°	32.0	30.6	29.2	27.8	26.6	25.3	24.0	22.8	21.7	20.7	19.6
-53.75°	30.3	29.0	27.7	26.5	25.3	24.1	22.9	21.9	20.8	19.8	18.8
-55°	28.7	27.5	26.3	25.2	24.0	22.9	21.9	20.9	19.9	19.0	18.1
-56.25°	27.1	26.1	25.0	23.9	22.8	21.9	20.9	20.0	19.0	18.2	17.4
-57.5°	25.7	24.6	23.6	22.6	21.7	20.8	19.9	19.0	18.3	17.5	16.7
-58.75°	24.2	23.2	22.4	21.5	20.7	19.8	19.0	18.2	17.5	16.8	16.0
-60°	22.8	22.0	21.2	20.4	19.6	18.8	18.1	17.4	16.7	16.0	15.7
-61.25°	21.5	20.8	20.0	19.2	18.6	18.0	17.3	16.6	16.0	15.6	15.3
-62.5°	20.3	19.6	18.9	18.3	17.7	17.1	16.5	15.9	15.6	15.3	14.9
-63.75°	19.1	18.5	17.9	17.4	16.8	16.2	15.8	15.5	15.2	14.9	14.6
-65°	18.0	17.5	17.0	16.4	15.9	15.7	15.4	15.1	14.8	14.5	14.1
-66.25°	17.0	16.5	16.0	15.7	15.5	15.2	14.9	14.7	14.4	14.0	13.6
-67.5°	16.0	15.8	15.5	15.3	15.0	14.8	14.5	14.2	13.8	13.4	13.0
-68.75°	15.5	15.2	15.0	14.8	14.6	14.3	13.9	13.6	13.2	12.8	12.4
-70°	15.0	14.7	14.5	14.3	13.9	13.6	13.3	12.9	12.6	12.2	11.8
-71.25°	14.4	14.1	13.8	13.5	13.2	12.9	12.6	12.3	11.9	11.5	11.0
-72.5°	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.5	11.1	10.7	10.3
-73.75°	12.9	12.6	12.3	12.1	11.8	11.4	11.0	10.6	10.3	9.9	9.5
-75°	12.1	11.8	11.5	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.7
-76.25°	11.0	10.7	10.4	10.2	9.8	9.5	9.2	8.9	8.6	8.3	7.9
-77.5°	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.5	7.2



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.4
-80°	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.6
-81.25°	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8
-82.5°	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.3	4.2	4.0
-83.75°	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.6	3.5	3.3	3.2
-85°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
-86.25°	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-88.75°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-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°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
87.5°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
86.25°	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
85°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
83.75°	3.0	2.9	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
82.5°	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.2	2.0
81.25°	4.6	4.4	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.3
80°	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.0	2.8
78.75°	6.1	5.8	5.5	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2
77.5°	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.6	4.3	4.0	3.6
76.25°	7.6	7.3	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.4	4.1
75°	8.4	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5
73.75°	9.1	8.7	8.3	7.9	7.5	7.1	6.7	6.2	5.8	5.4	4.9
72.5°	9.8	9.4	9.0	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.4
71.25°	10.6	10.1	9.7	9.2	8.7	8.2	7.8	7.3	6.8	6.3	5.8
70°	11.3	10.8	10.3	9.8	9.3	8.8	8.3	7.8	7.3	6.8	6.2
68.75°	12.0	11.5	11.0	10.5	9.9	9.4	8.9	8.3	7.8	7.2	6.7
67.5°	12.6	12.2	11.7	11.1	10.5	10.0	9.4	8.8	8.2	7.7	7.1
66.25°	13.1	12.7	12.3	11.7	11.1	10.5	9.9	9.3	8.7	8.1	7.5
65°	13.7	13.2	12.7	12.3	11.7	11.1	10.5	9.8	9.2	8.5	7.9
63.75°	14.2	13.7	13.2	12.7	12.3	11.7	11.0	10.3	9.7	9.0	8.3
62.5°	14.6	14.2	13.7	13.2	12.7	12.2	11.5	10.8	10.1	9.4	8.7
61.25°	15.0	14.6	14.2	13.7	13.1	12.6	12.0	11.3	10.6	9.8	9.1
60°	15.3	14.9	14.6	14.1	13.6	13.0	12.4	11.8	11.0	10.3	9.5
58.75°	15.6	15.3	14.9	14.5	14.0	13.4	12.8	12.2	11.5	10.7	9.9
57.5°	16.0	15.6	15.2	14.8	14.4	13.8	13.2	12.6	11.9	11.1	10.3
56.25°	16.6	15.9	15.5	15.1	14.7	14.2	13.6	12.9	12.3	11.5	10.6
55°	17.3	16.5	15.8	15.4	14.9	14.5	13.9	13.3	12.6	11.9	11.0
53.75°	18.0	17.1	16.2	15.7	15.2	14.8	14.3	13.6	12.9	12.2	11.4
52.5°	18.6	17.7	16.8	15.9	15.5	15.0	14.6	13.9	13.2	12.5	11.8
51.25°	19.2	18.3	17.4	16.4	15.7	15.3	14.8	14.3	13.5	12.8	12.1
50°	20.0	18.9	17.9	17.0	16.0	15.5	15.0	14.5	13.8	13.1	12.3
48.75°	20.8	19.6	18.5	17.5	16.5	15.8	15.2	14.7	14.1	13.4	12.6
47.5°	21.5	20.3	19.1	18.0	17.0	16.0	15.5	15.0	14.4	13.7	12.9
46.25°	22.3	21.0	19.7	18.6	17.5	16.4	15.7	15.2	14.6	13.9	13.1
45°	23.0	21.7	20.4	19.1	18.0	16.9	15.9	15.4	14.8	14.2	13.4
43.75°	23.8	22.4	21.0	19.6	18.4	17.3	16.2	15.6	15.0	14.4	13.6
42.5°	24.7	23.0	21.7	20.2	18.9	17.8	16.6	15.7	15.2	14.6	13.8
41.25°	25.5	23.8	22.3	20.8	19.4	18.2	17.0	15.9	15.4	14.8	14.1
40°	26.3	24.6	22.9	21.4	20.0	18.6	17.4	16.2	15.5	14.9	14.3
38.75°	27.1	25.3	23.5	22.0	20.5	19.0	17.8	16.6	15.7	15.1	14.5
37.5°	27.9	26.1	24.2	22.5	21.0	19.5	18.2	17.0	15.9	15.2	14.6
36.25°	28.7	26.8	24.9	23.1	21.5	20.0	18.6	17.3	16.0	15.4	14.7
35°	29.6	27.5	25.6	23.7	22.0	20.4	18.9	17.6	16.3	15.5	14.9

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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°	30.4	28.2	26.2	24.3	22.5	20.9	19.3	17.9	16.6	15.7	15.0
32.5°	31.2	28.9	26.9	24.9	23.0	21.3	19.7	18.3	16.9	15.8	15.1
31.25°	32.0	29.7	27.5	25.5	23.5	21.8	20.1	18.6	17.2	15.9	15.3
30°	32.7	30.4	28.0	26.0	24.0	22.2	20.5	18.9	17.5	16.1	15.4
28.75°	33.5	31.1	28.7	26.6	24.5	22.6	20.8	19.1	17.8	16.4	15.5
27.5°	34.2	31.8	29.3	27.1	25.0	22.9	21.2	19.5	18.0	16.6	15.6
26.25°	34.8	32.4	30.0	27.6	25.5	23.3	21.6	19.8	18.2	16.8	15.7
25°	35.5	33.0	30.5	28.0	25.9	23.8	21.9	20.1	18.5	17.0	15.8
23.75°	36.1	33.6	31.1	28.6	26.3	24.2	22.2	20.4	18.7	17.2	15.9
22.5°	36.7	34.2	31.6	29.1	26.7	24.6	22.5	20.7	18.9	17.4	16.0
21.25°	37.3	34.7	32.1	29.6	27.1	24.9	22.8	20.9	19.1	17.6	16.2
20°	37.8	35.2	32.6	30.0	27.5	25.3	23.1	21.2	19.3	17.8	16.3
18.75°	38.3	35.7	33.1	30.4	27.8	25.6	23.3	21.4	19.6	18.0	16.5
17.5°	38.8	36.1	33.5	30.8	28.2	25.9	23.6	21.7	19.8	18.1	16.6
16.25°	39.2	36.5	33.9	31.2	28.6	26.2	23.9	21.9	20.0	18.3	16.7
15°	39.5	36.9	34.3	31.6	28.9	26.5	24.1	22.1	20.1	18.4	16.9
13.75°	39.8	37.3	34.6	31.9	29.2	26.7	24.4	22.2	20.3	18.5	17.0
12.5°	40.0	37.6	34.9	32.2	29.5	26.9	24.6	22.4	20.5	18.7	17.1
11.25°	40.2	37.9	35.2	32.5	29.7	27.1	24.8	22.6	20.6	18.8	17.2
10°	40.4	38.2	35.4	32.7	29.9	27.3	25.0	22.7	20.7	18.8	17.3
8.75°	40.6	38.4	35.7	32.9	30.1	27.5	25.1	22.8	20.8	18.9	17.4
7.5°	40.8	38.6	35.9	33.1	30.3	27.6	25.2	22.9	20.9	19.0	17.4
6.25°	40.9	38.8	36.0	33.2	30.5	27.7	25.3	23.0	21.0	19.1	17.5
5°	41.0	38.9	36.2	33.4	30.6	27.8	25.4	23.1	21.1	19.1	17.5
3.75°	41.1	39.1	36.3	33.5	30.7	27.9	25.5	23.1	21.1	19.2	17.6
2.5°	41.2	39.1	36.3	33.5	30.7	28.0	25.6	23.2	21.2	19.2	17.6
1.25°	41.2	39.2	36.4	33.6	30.8	28.0	25.6	23.2	21.2	19.2	17.6
0°	41.2	39.2	36.4	33.6	30.8	28.0	25.6	23.2	21.2	19.2	17.6
-1.25°	41.2	39.2	36.4	33.6	30.8	28.0	25.6	23.2	21.2	19.2	17.6
-2.5°	41.2	39.1	36.3	33.5	30.7	28.0	25.6	23.2	21.2	19.2	17.6
-3.75°	41.1	39.1	36.3	33.5	30.7	27.9	25.5	23.1	21.1	19.2	17.6
-5°	41.0	38.9	36.2	33.4	30.6	27.8	25.4	23.1	21.1	19.1	17.5
-6.25°	40.9	38.8	36.0	33.2	30.5	27.7	25.3	23.0	21.0	19.1	17.5
-7.5°	40.8	38.6	35.9	33.1	30.3	27.6	25.2	22.9	20.9	19.0	17.4
-8.75°	40.6	38.4	35.7	32.9	30.1	27.5	25.1	22.8	20.8	18.9	17.4
-10°	40.4	38.2	35.4	32.7	29.9	27.3	25.0	22.7	20.7	18.8	17.3
-11.25°	40.2	37.9	35.2	32.5	29.7	27.1	24.8	22.6	20.6	18.8	17.2
-12.5°	40.0	37.6	34.9	32.2	29.5	26.9	24.6	22.4	20.5	18.7	17.1
-13.75°	39.8	37.3	34.6	31.9	29.2	26.7	24.4	22.2	20.3	18.5	17.0
-15°	39.5	36.9	34.3	31.6	28.9	26.5	24.1	22.1	20.1	18.4	16.9
-16.25°	39.2	36.5	33.9	31.2	28.6	26.2	23.9	21.9	20.0	18.3	16.7
-17.5°	38.8	36.1	33.5	30.8	28.2	25.9	23.6	21.7	19.8	18.1	16.6
-18.75°	38.3	35.7	33.1	30.4	27.8	25.6	23.3	21.4	19.6	18.0	16.5
-20°	37.8	35.2	32.6	30.0	27.5	25.3	23.1	21.2	19.3	17.8	16.3
-21.25°	37.3	34.7	32.1	29.6	27.1	24.9	22.8	20.9	19.1	17.6	16.2



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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°	36.7	34.2	31.6	29.1	26.7	24.6	22.5	20.7	18.9	17.4	16.0
-23.75°	36.1	33.6	31.1	28.6	26.3	24.2	22.2	20.4	18.7	17.2	15.9
-25°	35.5	33.0	30.5	28.0	25.9	23.8	21.9	20.1	18.5	17.0	15.8
-26.25°	34.8	32.4	30.0	27.6	25.5	23.3	21.6	19.8	18.2	16.8	15.7
-27.5°	34.2	31.8	29.3	27.1	25.0	22.9	21.2	19.5	18.0	16.6	15.6
-28.75°	33.5	31.1	28.7	26.6	24.5	22.6	20.8	19.1	17.8	16.4	15.5
-30°	32.7	30.4	28.0	26.0	24.0	22.2	20.5	18.9	17.5	16.1	15.4
-31.25°	32.0	29.7	27.5	25.5	23.5	21.8	20.1	18.6	17.2	15.9	15.3
-32.5°	31.2	28.9	26.9	24.9	23.0	21.3	19.7	18.3	16.9	15.8	15.1
-33.75°	30.4	28.2	26.2	24.3	22.5	20.9	19.3	17.9	16.6	15.7	15.0
-35°	29.6	27.5	25.6	23.7	22.0	20.4	18.9	17.6	16.3	15.5	14.9
-36.25°	28.7	26.8	24.9	23.1	21.5	20.0	18.6	17.3	16.0	15.4	14.7
-37.5°	27.9	26.1	24.2	22.5	21.0	19.5	18.2	17.0	15.9	15.2	14.6
-38.75°	27.1	25.3	23.5	22.0	20.5	19.0	17.8	16.6	15.7	15.1	14.5
-40°	26.3	24.6	22.9	21.4	20.0	18.6	17.4	16.2	15.5	14.9	14.3
-41.25°	25.5	23.8	22.3	20.8	19.4	18.2	17.0	15.9	15.4	14.8	14.1
-42.5°	24.7	23.0	21.7	20.2	18.9	17.8	16.6	15.7	15.2	14.6	13.8
-43.75°	23.8	22.4	21.0	19.6	18.4	17.3	16.2	15.6	15.0	14.4	13.6
-45°	23.0	21.7	20.4	19.1	18.0	16.9	15.9	15.4	14.8	14.2	13.4
-46.25°	22.3	21.0	19.7	18.6	17.5	16.4	15.7	15.2	14.6	13.9	13.1
-47.5°	21.5	20.3	19.1	18.0	17.0	16.0	15.5	15.0	14.4	13.7	12.9
-48.75°	20.8	19.6	18.5	17.5	16.5	15.8	15.2	14.7	14.1	13.4	12.6
-50°	20.0	18.9	17.9	17.0	16.0	15.5	15.0	14.5	13.8	13.1	12.3
-51.25°	19.2	18.3	17.4	16.4	15.7	15.3	14.8	14.3	13.5	12.8	12.1
-52.5°	18.6	17.7	16.8	15.9	15.5	15.0	14.6	13.9	13.2	12.5	11.8
-53.75°	18.0	17.1	16.2	15.7	15.2	14.8	14.3	13.6	12.9	12.2	11.4
-55°	17.3	16.5	15.8	15.4	14.9	14.5	13.9	13.3	12.6	11.9	11.0
-56.25°	16.6	15.9	15.5	15.1	14.7	14.2	13.6	12.9	12.3	11.5	10.6
-57.5°	16.0	15.6	15.2	14.8	14.4	13.8	13.2	12.6	11.9	11.1	10.3
-58.75°	15.6	15.3	14.9	14.5	14.0	13.4	12.8	12.2	11.5	10.7	9.9
-60°	15.3	14.9	14.6	14.1	13.6	13.0	12.4	11.8	11.0	10.3	9.5
-61.25°	15.0	14.6	14.2	13.7	13.1	12.6	12.0	11.3	10.6	9.8	9.1
-62.5°	14.6	14.2	13.7	13.2	12.7	12.2	11.5	10.8	10.1	9.4	8.7
-63.75°	14.2	13.7	13.2	12.7	12.3	11.7	11.0	10.3	9.7	9.0	8.3
-65°	13.7	13.2	12.7	12.3	11.7	11.1	10.5	9.8	9.2	8.5	7.9
-66.25°	13.1	12.7	12.3	11.7	11.1	10.5	9.9	9.3	8.7	8.1	7.5
-67.5°	12.6	12.2	11.7	11.1	10.5	10.0	9.4	8.8	8.2	7.7	7.1
-68.75°	12.0	11.5	11.0	10.5	9.9	9.4	8.9	8.3	7.8	7.2	6.7
-70°	11.3	10.8	10.3	9.8	9.3	8.8	8.3	7.8	7.3	6.8	6.2
-71.25°	10.6	10.1	9.7	9.2	8.7	8.2	7.8	7.3	6.8	6.3	5.8
-72.5°	9.8	9.4	9.0	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.4
-73.75°	9.1	8.7	8.3	7.9	7.5	7.1	6.7	6.2	5.8	5.4	4.9
-75°	8.4	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.3	4.9	4.5
-76.25°	7.6	7.3	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.4	4.1
-77.5°	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.6	4.3	4.0	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°
-78.75°	6.1	5.8	5.5	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2
-80°	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.0	2.8
-81.25°	4.6	4.4	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.3
-82.5°	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.2	2.0
-83.75°	3.0	2.9	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-85°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-86.25°	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
-87.5°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
87.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
86.25°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
83.75°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
82.5°	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
81.25°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
80°	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
78.75°	2.9	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
77.5°	3.3	3.0	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
76.25°	3.7	3.3	3.0	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
75°	4.1	3.7	3.3	2.9	2.5	2.2	1.9	1.6	1.2	0.9	0.6
73.75°	4.5	4.1	3.6	3.2	2.8	2.3	2.0	1.7	1.3	1.0	0.7
72.5°	4.9	4.4	4.0	3.5	3.0	2.6	2.2	1.8	1.4	1.1	0.7
71.25°	5.3	4.8	4.3	3.8	3.3	2.8	2.3	1.9	1.5	1.2	0.8
70°	5.7	5.2	4.6	4.1	3.6	3.0	2.5	2.0	1.6	1.2	0.8
68.75°	6.1	5.5	5.0	4.4	3.8	3.2	2.7	2.2	1.7	1.3	0.9
67.5°	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.3	1.8	1.4	0.9
66.25°	6.9	6.2	5.6	5.0	4.3	3.7	3.1	2.4	1.9	1.4	1.0
65°	7.2	6.6	5.9	5.3	4.6	3.9	3.2	2.6	2.0	1.5	1.0
63.75°	7.6	6.9	6.2	5.5	4.8	4.1	3.4	2.7	2.1	1.6	1.1
62.5°	8.0	7.3	6.5	5.8	5.1	4.4	3.6	2.9	2.2	1.7	1.1
61.25°	8.4	7.6	6.8	6.1	5.3	4.6	3.8	3.0	2.3	1.7	1.2
60°	8.7	7.9	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.8	1.2
58.75°	9.1	8.3	7.5	6.6	5.8	5.0	4.2	3.3	2.5	1.9	1.2
57.5°	9.4	8.6	7.7	6.9	6.1	5.2	4.3	3.5	2.6	1.9	1.3
56.25°	9.8	8.9	8.0	7.2	6.3	5.4	4.5	3.6	2.8	2.0	1.3
55°	10.1	9.2	8.3	7.4	6.5	5.6	4.7	3.8	2.9	2.1	1.4
53.75°	10.5	9.5	8.6	7.7	6.7	5.8	4.9	3.9	3.0	2.1	1.4
52.5°	10.8	9.8	8.9	7.9	7.0	6.0	5.0	4.1	3.1	2.2	1.5
51.25°	11.1	10.2	9.2	8.2	7.2	6.2	5.2	4.2	3.2	2.3	1.5
50°	11.5	10.4	9.4	8.4	7.4	6.4	5.4	4.3	3.3	2.3	1.5
48.75°	11.8	10.7	9.7	8.7	7.6	6.6	5.5	4.5	3.4	2.4	1.6
47.5°	12.1	11.0	10.0	8.9	7.8	6.8	5.7	4.6	3.5	2.4	1.6
46.25°	12.3	11.3	10.2	9.1	8.0	6.9	5.8	4.7	3.6	2.5	1.7
45°	12.5	11.6	10.5	9.3	8.2	7.1	6.0	4.9	3.7	2.6	1.7
43.75°	12.7	11.9	10.7	9.6	8.4	7.3	6.1	5.0	3.8	2.7	1.7
42.5°	13.0	12.1	11.0	9.8	8.6	7.4	6.3	5.1	3.9	2.7	1.8
41.25°	13.2	12.3	11.2	10.0	8.8	7.6	6.4	5.2	4.0	2.8	1.8
40°	13.4	12.5	11.4	10.2	9.0	7.8	6.5	5.3	4.1	2.9	1.8
38.75°	13.6	12.7	11.6	10.4	9.2	7.9	6.7	5.4	4.2	2.9	1.9
37.5°	13.8	12.8	11.9	10.6	9.3	8.1	6.8	5.5	4.3	3.0	1.9
36.25°	14.0	13.0	12.1	10.8	9.5	8.2	6.9	5.6	4.4	3.1	1.9
35°	14.2	13.2	12.2	11.0	9.7	8.4	7.1	5.7	4.4	3.1	2.0



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	14.3	13.3	12.4	11.1	9.8	8.5	7.2	5.8	4.5	3.2	2.0
32.5°	14.5	13.5	12.5	11.3	10.0	8.6	7.3	5.9	4.6	3.2	2.0
31.25°	14.6	13.7	12.6	11.5	10.1	8.8	7.4	6.0	4.7	3.3	2.1
30°	14.7	13.8	12.8	11.7	10.3	8.9	7.5	6.1	4.7	3.4	2.1
28.75°	14.8	13.9	12.9	11.8	10.4	9.0	7.6	6.2	4.8	3.4	2.1
27.5°	14.9	14.1	13.0	12.0	10.5	9.1	7.7	6.3	4.9	3.5	2.1
26.25°	15.0	14.2	13.1	12.1	10.7	9.2	7.8	6.4	4.9	3.5	2.2
25°	15.1	14.3	13.3	12.2	10.8	9.3	7.9	6.4	5.0	3.5	2.2
23.75°	15.2	14.4	13.4	12.3	10.9	9.4	8.0	6.5	5.1	3.6	2.2
22.5°	15.3	14.5	13.5	12.4	11.0	9.5	8.1	6.6	5.1	3.6	2.2
21.25°	15.3	14.6	13.6	12.5	11.1	9.6	8.1	6.7	5.2	3.7	2.2
20°	15.4	14.7	13.7	12.5	11.2	9.7	8.2	6.7	5.2	3.7	2.3
18.75°	15.5	14.7	13.8	12.6	11.3	9.8	8.3	6.8	5.3	3.7	2.3
17.5°	15.5	14.8	13.8	12.7	11.4	9.9	8.4	6.8	5.3	3.8	2.3
16.25°	15.6	14.8	13.9	12.8	11.5	9.9	8.4	6.9	5.3	3.8	2.3
15°	15.7	14.9	14.0	12.8	11.6	10.0	8.5	6.9	5.4	3.8	2.3
13.75°	15.7	14.9	14.1	12.9	11.6	10.1	8.5	7.0	5.4	3.9	2.3
12.5°	15.8	15.0	14.1	12.9	11.7	10.1	8.6	7.0	5.4	3.9	2.3
11.25°	15.8	15.0	14.2	13.0	11.8	10.2	8.6	7.0	5.5	3.9	2.4
10°	15.9	15.1	14.2	13.0	11.8	10.2	8.7	7.1	5.5	3.9	2.4
8.75°	15.9	15.1	14.3	13.1	11.8	10.3	8.7	7.1	5.5	3.9	2.4
7.5°	15.9	15.1	14.3	13.1	11.9	10.3	8.7	7.1	5.5	4.0	2.4
6.25°	15.9	15.1	14.3	13.1	11.9	10.3	8.7	7.2	5.6	4.0	2.4
5°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
3.75°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
2.5°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
1.25°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
0°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
-1.25°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
-2.5°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
-3.75°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
-5°	16.0	15.2	14.4	13.2	12.0	10.4	8.8	7.2	5.6	4.0	2.4
-6.25°	15.9	15.1	14.3	13.1	11.9	10.3	8.7	7.2	5.6	4.0	2.4
-7.5°	15.9	15.1	14.3	13.1	11.9	10.3	8.7	7.1	5.5	4.0	2.4
-8.75°	15.9	15.1	14.3	13.1	11.8	10.3	8.7	7.1	5.5	3.9	2.4
-10°	15.9	15.1	14.2	13.0	11.8	10.2	8.7	7.1	5.5	3.9	2.4
-11.25°	15.8	15.0	14.2	13.0	11.8	10.2	8.6	7.0	5.5	3.9	2.4
-12.5°	15.8	15.0	14.1	12.9	11.7	10.1	8.6	7.0	5.4	3.9	2.3
-13.75°	15.7	14.9	14.1	12.9	11.6	10.1	8.5	7.0	5.4	3.9	2.3
-15°	15.7	14.9	14.0	12.8	11.6	10.0	8.5	6.9	5.4	3.8	2.3
-16.25°	15.6	14.8	13.9	12.8	11.5	9.9	8.4	6.9	5.3	3.8	2.3
-17.5°	15.5	14.8	13.8	12.7	11.4	9.9	8.4	6.8	5.3	3.8	2.3
-18.75°	15.5	14.7	13.8	12.6	11.3	9.8	8.3	6.8	5.3	3.7	2.3
-20°	15.4	14.7	13.7	12.5	11.2	9.7	8.2	6.7	5.2	3.7	2.3
-21.25°	15.3	14.6	13.6	12.5	11.1	9.6	8.1	6.7	5.2	3.7	2.2



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	15.3	14.5	13.5	12.4	11.0	9.5	8.1	6.6	5.1	3.6	2.2
-23.75°	15.2	14.4	13.4	12.3	10.9	9.4	8.0	6.5	5.1	3.6	2.2
-25°	15.1	14.3	13.3	12.2	10.8	9.3	7.9	6.4	5.0	3.5	2.2
-26.25°	15.0	14.2	13.1	12.1	10.7	9.2	7.8	6.4	4.9	3.5	2.2
-27.5°	14.9	14.1	13.0	12.0	10.5	9.1	7.7	6.3	4.9	3.5	2.1
-28.75°	14.8	13.9	12.9	11.8	10.4	9.0	7.6	6.2	4.8	3.4	2.1
-30°	14.7	13.8	12.8	11.7	10.3	8.9	7.5	6.1	4.7	3.4	2.1
-31.25°	14.6	13.7	12.6	11.5	10.1	8.8	7.4	6.0	4.7	3.3	2.1
-32.5°	14.5	13.5	12.5	11.3	10.0	8.6	7.3	5.9	4.6	3.2	2.0
-33.75°	14.3	13.3	12.4	11.1	9.8	8.5	7.2	5.8	4.5	3.2	2.0
-35°	14.2	13.2	12.2	11.0	9.7	8.4	7.1	5.7	4.4	3.1	2.0
-36.25°	14.0	13.0	12.1	10.8	9.5	8.2	6.9	5.6	4.4	3.1	1.9
-37.5°	13.8	12.8	11.9	10.6	9.3	8.1	6.8	5.5	4.3	3.0	1.9
-38.75°	13.6	12.7	11.6	10.4	9.2	7.9	6.7	5.4	4.2	2.9	1.9
-40°	13.4	12.5	11.4	10.2	9.0	7.8	6.5	5.3	4.1	2.9	1.8
-41.25°	13.2	12.3	11.2	10.0	8.8	7.6	6.4	5.2	4.0	2.8	1.8
-42.5°	13.0	12.1	11.0	9.8	8.6	7.4	6.3	5.1	3.9	2.7	1.8
-43.75°	12.7	11.9	10.7	9.6	8.4	7.3	6.1	5.0	3.8	2.7	1.7
-45°	12.5	11.6	10.5	9.3	8.2	7.1	6.0	4.9	3.7	2.6	1.7
-46.25°	12.3	11.3	10.2	9.1	8.0	6.9	5.8	4.7	3.6	2.5	1.7
-47.5°	12.1	11.0	10.0	8.9	7.8	6.8	5.7	4.6	3.5	2.4	1.6
-48.75°	11.8	10.7	9.7	8.7	7.6	6.6	5.5	4.5	3.4	2.4	1.6
-50°	11.5	10.4	9.4	8.4	7.4	6.4	5.4	4.3	3.3	2.3	1.5
-51.25°	11.1	10.2	9.2	8.2	7.2	6.2	5.2	4.2	3.2	2.3	1.5
-52.5°	10.8	9.8	8.9	7.9	7.0	6.0	5.0	4.1	3.1	2.2	1.5
-53.75°	10.5	9.5	8.6	7.7	6.7	5.8	4.9	3.9	3.0	2.1	1.4
-55°	10.1	9.2	8.3	7.4	6.5	5.6	4.7	3.8	2.9	2.1	1.4
-56.25°	9.8	8.9	8.0	7.2	6.3	5.4	4.5	3.6	2.8	2.0	1.3
-57.5°	9.4	8.6	7.7	6.9	6.1	5.2	4.3	3.5	2.6	1.9	1.3
-58.75°	9.1	8.3	7.5	6.6	5.8	5.0	4.2	3.3	2.5	1.9	1.2
-60°	8.7	7.9	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.8	1.2
-61.25°	8.4	7.6	6.8	6.1	5.3	4.6	3.8	3.0	2.3	1.7	1.2
-62.5°	8.0	7.3	6.5	5.8	5.1	4.4	3.6	2.9	2.2	1.7	1.1
-63.75°	7.6	6.9	6.2	5.5	4.8	4.1	3.4	2.7	2.1	1.6	1.1
-65°	7.2	6.6	5.9	5.3	4.6	3.9	3.2	2.6	2.0	1.5	1.0
-66.25°	6.9	6.2	5.6	5.0	4.3	3.7	3.1	2.4	1.9	1.4	1.0
-67.5°	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.3	1.8	1.4	0.9
-68.75°	6.1	5.5	5.0	4.4	3.8	3.2	2.7	2.2	1.7	1.3	0.9
-70°	5.7	5.2	4.6	4.1	3.6	3.0	2.5	2.0	1.6	1.2	0.8
-71.25°	5.3	4.8	4.3	3.8	3.3	2.8	2.3	1.9	1.5	1.2	0.8
-72.5°	4.9	4.4	4.0	3.5	3.0	2.6	2.2	1.8	1.4	1.1	0.7
-73.75°	4.5	4.1	3.6	3.2	2.8	2.3	2.0	1.7	1.3	1.0	0.7
-75°	4.1	3.7	3.3	2.9	2.5	2.2	1.9	1.6	1.2	0.9	0.6
-76.25°	3.7	3.3	3.0	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-77.5°	3.3	3.0	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5



REPORT NUMBER: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	2.9	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
-80°	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
-81.25°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-82.5°	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-83.75°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-86.25°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-87.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-88.75°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	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: P220482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.0	0.0
32.5°	1.0	0.0
31.25°	1.0	0.0
30°	1.0	0.0
28.75°	1.1	0.0
27.5°	1.1	0.0
26.25°	1.1	0.0
25°	1.1	0.0
23.75°	1.1	0.0
22.5°	1.1	0.0
21.25°	1.1	0.0
20°	1.1	0.0
18.75°	1.1	0.0
17.5°	1.1	0.0
16.25°	1.2	0.0
15°	1.2	0.0
13.75°	1.2	0.0
12.5°	1.2	0.0
11.25°	1.2	0.0
10°	1.2	0.0
8.75°	1.2	0.0
7.5°	1.2	0.0
6.25°	1.2	0.0
5°	1.2	0.0
3.75°	1.2	0.0
2.5°	1.2	0.0
1.25°	1.2	0.0
0°	1.2	0.0
-1.25°	1.2	0.0
-2.5°	1.2	0.0
-3.75°	1.2	0.0
-5°	1.2	0.0
-6.25°	1.2	0.0
-7.5°	1.2	0.0
-8.75°	1.2	0.0
-10°	1.2	0.0
-11.25°	1.2	0.0
-12.5°	1.2	0.0
-13.75°	1.2	0.0
-15°	1.2	0.0
-16.25°	1.2	0.0
-17.5°	1.1	0.0
-18.75°	1.1	0.0
-20°	1.1	0.0
-21.25°	1.1	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.1	0.0
-23.75°	1.1	0.0
-25°	1.1	0.0
-26.25°	1.1	0.0
-27.5°	1.1	0.0
-28.75°	1.1	0.0
-30°	1.0	0.0
-31.25°	1.0	0.0
-32.5°	1.0	0.0
-33.75°	1.0	0.0
-35°	1.0	0.0
-36.25°	1.0	0.0
-37.5°	1.0	0.0
-38.75°	0.9	0.0
-40°	0.9	0.0
-41.25°	0.9	0.0
-42.5°	0.9	0.0
-43.75°	0.9	0.0
-45°	0.8	0.0
-46.25°	0.8	0.0
-47.5°	0.8	0.0
-48.75°	0.8	0.0
-50°	0.8	0.0
-51.25°	0.8	0.0
-52.5°	0.7	0.0
-53.75°	0.7	0.0
-55°	0.7	0.0
-56.25°	0.7	0.0
-57.5°	0.6	0.0
-58.75°	0.6	0.0
-60°	0.6	0.0
-61.25°	0.6	0.0
-62.5°	0.6	0.0
-63.75°	0.5	0.0
-65°	0.5	0.0
-66.25°	0.5	0.0
-67.5°	0.5	0.0
-68.75°	0.4	0.0
-70°	0.4	0.0
-71.25°	0.4	0.0
-72.5°	0.4	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.3	0.0
-77.5°	0.3	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.2	0.0
-80°	0.2	0.0
-81.25°	0.2	0.0
-82.5°	0.2	0.0
-83.75°	0.1	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)