

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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

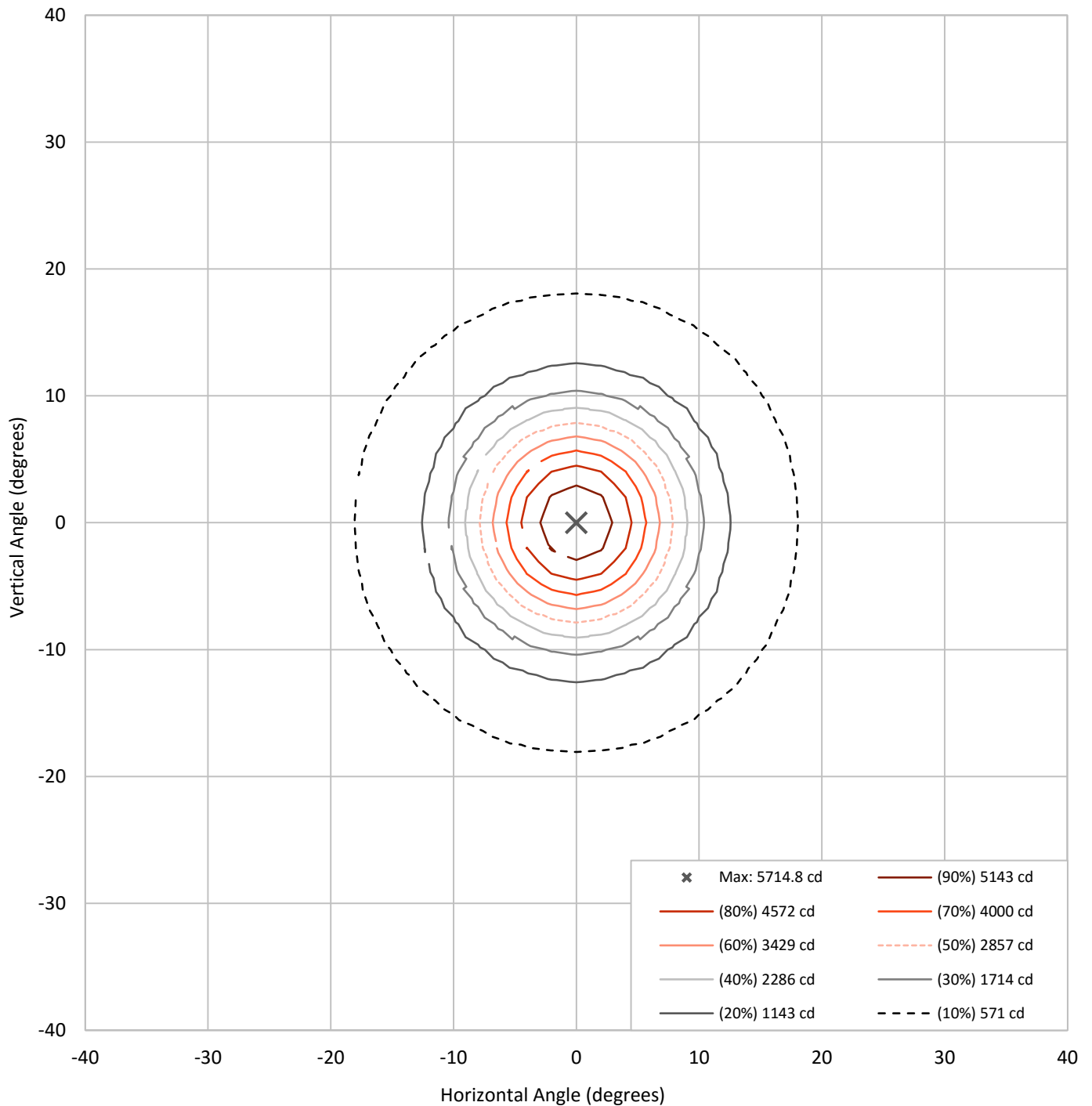
Test Method: LM-79-08
Report Number: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT
OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	779.5 lumens	Max Intensity:	5714.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.8°H x 15.8°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	237.8 lumens	Field Lumens:	524.8 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (A _{in}):	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





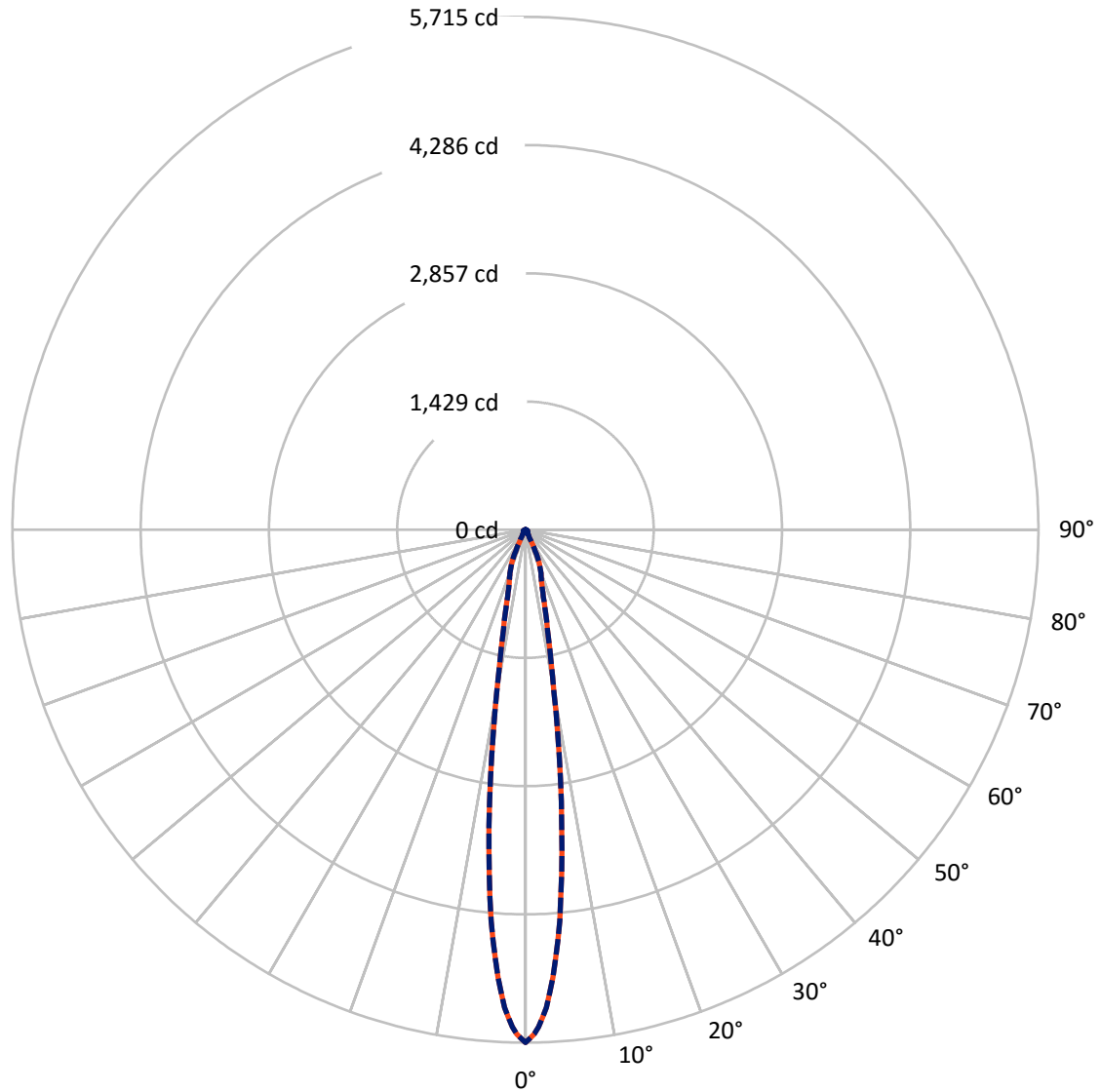
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Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.2	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.6	0.8	0.9	1.1	1.2	1.2	1.1	0.9	0.8	0.6	0.4	0.2				
30	0.2	0.2	0.5	0.6	0.8	1.1	2.9	6.6	6.6	2.9	1.1	0.8	0.6	0.5	0.2	0.2			
20		0.2	0.5	0.7	0.9	2.7	12.7	23.5	23.5	12.7	2.7	0.9	0.7	0.5	0.2				
10	0.2	0.3	0.5	0.7	1.0	6.1	22.9	91.4	91.4	22.9	6.1	1.0	0.7	0.5	0.3	0.2			
0		0.3	0.5	0.7	1.0	6.1	22.9	91.4	91.4	22.9	6.1	1.0	0.7	0.5	0.3				
-10	0.2	0.2	0.5	0.7	0.9	2.7	12.7	23.5	23.5	12.7	2.7	0.9	0.7	0.5	0.2	0.2			
-20		0.2	0.5	0.6	0.8	1.1	2.9	6.6	6.6	2.9	1.1	0.8	0.6	0.5	0.2				
-30	0.1	0.2	0.4	0.6	0.8	0.9	1.1	1.2	1.2	1.1	0.9	0.8	0.6	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.7	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.2	0.1	0.1			
-60		0.1	0.2	0.2	0.3	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.2	0.2	0.1				
-70	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0							0.0			
-80		0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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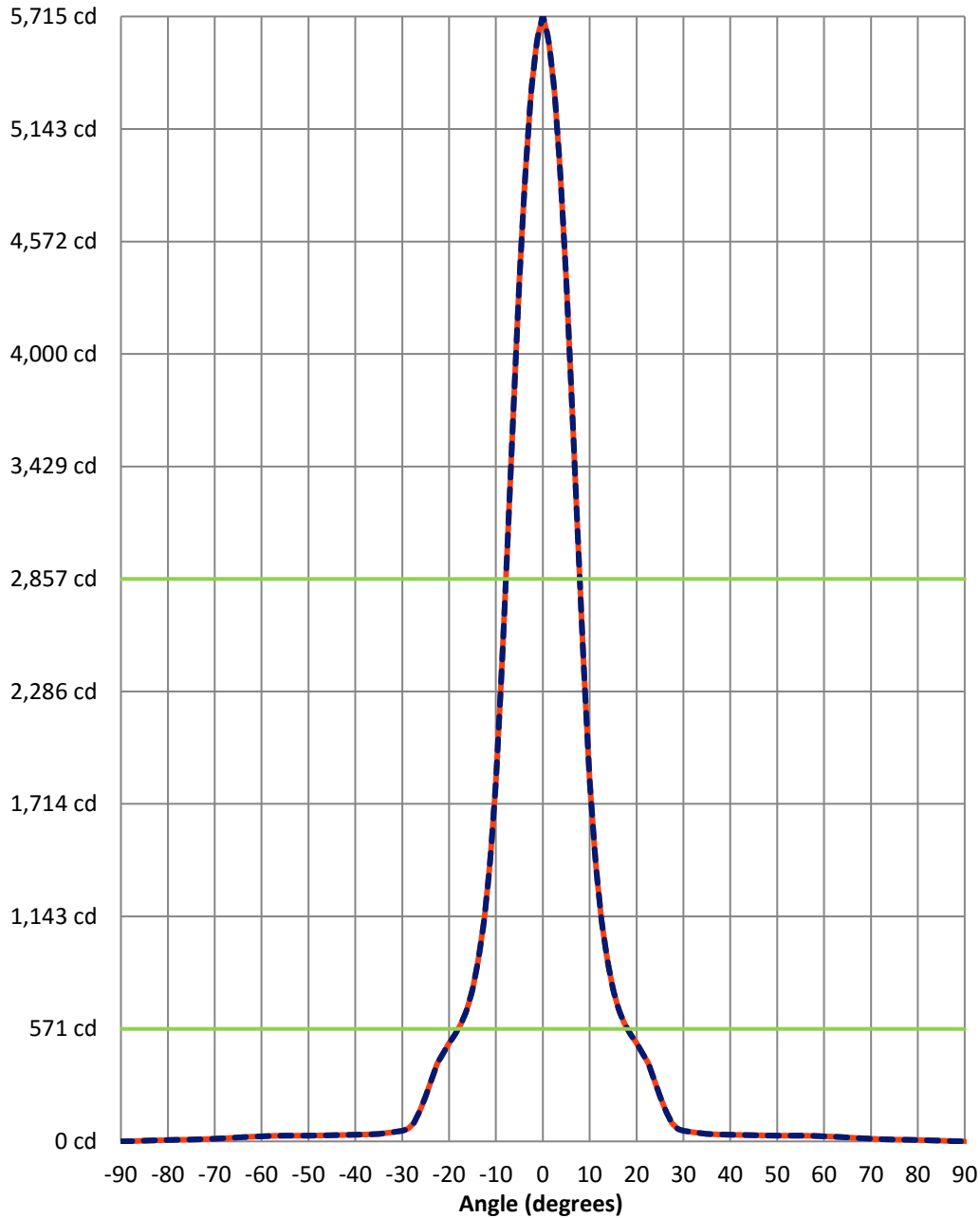
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 15.8°
 V Angle: 15.8°
 Lumens: 237.8
 Efficiency: 30.5%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 524.8
 Efficiency: 67.3%

Spill:
 Lumens: 254.7
 Efficiency: 32.7%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
83.75°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
81.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
80°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
78.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
77.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.5
76.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.7
75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.9
73.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6	1.9	2.2
72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.4
71.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.6
70°	0.0	0.2	0.4	0.7	0.9	1.1	1.4	1.7	2.1	2.5	2.8
68.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.5	1.9	2.3	2.7	3.1
67.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.6	2.0	2.5	2.9	3.3
66.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.8	2.2	2.6	3.1	3.5
65°	0.0	0.3	0.5	0.8	1.1	1.4	1.9	2.3	2.8	3.3	3.7
63.75°	0.0	0.3	0.6	0.9	1.1	1.5	2.0	2.5	3.0	3.5	3.8
62.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.1	2.6	3.1	3.6	4.0
61.25°	0.0	0.3	0.6	0.9	1.2	1.7	2.3	2.8	3.3	3.8	4.2
60°	0.0	0.3	0.6	1.0	1.3	1.8	2.4	2.9	3.5	3.9	4.3
58.75°	0.0	0.3	0.7	1.0	1.4	1.9	2.5	3.1	3.6	4.0	4.5
57.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.6	3.2	3.7	4.2	4.6
56.25°	0.0	0.4	0.7	1.1	1.5	2.2	2.8	3.4	3.9	4.3	4.8
55°	0.0	0.4	0.7	1.1	1.6	2.3	2.9	3.5	4.0	4.5	4.9
53.75°	0.0	0.4	0.8	1.2	1.7	2.3	3.0	3.6	4.1	4.6	5.1
52.5°	0.0	0.4	0.8	1.2	1.8	2.4	3.1	3.7	4.2	4.7	5.2
51.25°	0.0	0.4	0.8	1.2	1.9	2.5	3.2	3.8	4.3	4.9	5.4
50°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.9	4.5	5.0	5.5
48.75°	0.0	0.4	0.9	1.3	2.0	2.7	3.4	4.0	4.6	5.1	5.7
47.5°	0.0	0.4	0.9	1.3	2.1	2.8	3.5	4.1	4.7	5.3	5.8
46.25°	0.0	0.4	0.9	1.4	2.1	2.9	3.6	4.2	4.8	5.4	6.0
45°	0.0	0.5	0.9	1.4	2.2	3.0	3.7	4.3	4.9	5.5	6.1
43.75°	0.0	0.5	0.9	1.5	2.3	3.1	3.8	4.4	5.0	5.6	6.2
42.5°	0.0	0.5	1.0	1.5	2.3	3.2	3.9	4.5	5.1	5.7	6.3
41.25°	0.0	0.5	1.0	1.6	2.4	3.2	3.9	4.6	5.2	5.8	6.5
40°	0.0	0.5	1.0	1.6	2.5	3.3	4.0	4.7	5.3	5.9	6.6
38.75°	0.0	0.5	1.0	1.7	2.5	3.4	4.1	4.7	5.4	6.1	6.7
37.5°	0.0	0.5	1.0	1.7	2.6	3.5	4.1	4.8	5.5	6.2	6.8
36.25°	0.0	0.5	1.0	1.8	2.6	3.5	4.2	4.9	5.6	6.3	6.9
35°	0.0	0.5	1.1	1.8	2.7	3.6	4.3	5.0	5.7	6.4	7.0



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.5	1.1	1.8	2.8	3.6	4.3	5.0	5.7	6.4	7.1
32.5°	0.0	0.5	1.1	1.9	2.8	3.7	4.4	5.1	5.8	6.5	7.2
31.25°	0.0	0.6	1.1	1.9	2.9	3.7	4.5	5.2	5.9	6.6	7.2
30°	0.0	0.6	1.1	2.0	2.9	3.8	4.5	5.2	6.0	6.7	7.3
28.75°	0.0	0.6	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.8	7.4
27.5°	0.0	0.6	1.2	2.0	3.0	3.9	4.6	5.4	6.1	6.9	7.5
26.25°	0.0	0.6	1.2	2.1	3.0	3.9	4.7	5.4	6.2	6.9	7.5
25°	0.0	0.6	1.2	2.1	3.1	4.0	4.7	5.5	6.3	7.0	7.6
23.75°	0.0	0.6	1.2	2.1	3.1	4.0	4.8	5.5	6.3	7.0	7.6
22.5°	0.0	0.6	1.2	2.1	3.2	4.0	4.8	5.6	6.4	7.1	7.7
21.25°	0.0	0.6	1.2	2.2	3.2	4.1	4.9	5.6	6.4	7.1	7.8
20°	0.0	0.6	1.2	2.2	3.2	4.1	4.9	5.7	6.5	7.2	7.8
18.75°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.2	7.8
17.5°	0.0	0.6	1.2	2.2	3.3	4.2	5.0	5.8	6.6	7.3	7.9
16.25°	0.0	0.6	1.2	2.3	3.3	4.2	5.0	5.8	6.6	7.3	7.9
15°	0.0	0.6	1.3	2.3	3.3	4.2	5.0	5.8	6.7	7.3	8.0
13.75°	0.0	0.6	1.3	2.3	3.4	4.2	5.1	5.9	6.7	7.4	8.0
12.5°	0.0	0.6	1.3	2.3	3.4	4.2	5.1	5.9	6.7	7.4	8.0
11.25°	0.0	0.6	1.3	2.3	3.4	4.3	5.1	5.9	6.8	7.4	8.1
10°	0.0	0.6	1.3	2.3	3.4	4.3	5.1	6.0	6.8	7.5	8.1
8.75°	0.0	0.6	1.3	2.4	3.4	4.3	5.1	6.0	6.8	7.5	8.1
7.5°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.8	7.5	8.1
6.25°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
5°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
3.75°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
2.5°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
1.25°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
0°	0.0	0.6	1.3	2.4	3.5	4.4	5.2	6.1	6.9	7.6	8.2
-1.25°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
-2.5°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
-3.75°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
-5°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
-6.25°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.9	7.5	8.2
-7.5°	0.0	0.6	1.3	2.4	3.5	4.3	5.2	6.0	6.8	7.5	8.1
-8.75°	0.0	0.6	1.3	2.4	3.4	4.3	5.1	6.0	6.8	7.5	8.1
-10°	0.0	0.6	1.3	2.3	3.4	4.3	5.1	6.0	6.8	7.5	8.1
-11.25°	0.0	0.6	1.3	2.3	3.4	4.3	5.1	5.9	6.8	7.4	8.1
-12.5°	0.0	0.6	1.3	2.3	3.4	4.2	5.1	5.9	6.7	7.4	8.0
-13.75°	0.0	0.6	1.3	2.3	3.4	4.2	5.1	5.9	6.7	7.4	8.0
-15°	0.0	0.6	1.3	2.3	3.3	4.2	5.0	5.8	6.7	7.3	8.0
-16.25°	0.0	0.6	1.2	2.3	3.3	4.2	5.0	5.8	6.6	7.3	7.9
-17.5°	0.0	0.6	1.2	2.2	3.3	4.2	5.0	5.8	6.6	7.3	7.9
-18.75°	0.0	0.6	1.2	2.2	3.3	4.1	4.9	5.7	6.5	7.2	7.8
-20°	0.0	0.6	1.2	2.2	3.2	4.1	4.9	5.7	6.5	7.2	7.8
-21.25°	0.0	0.6	1.2	2.2	3.2	4.1	4.9	5.6	6.4	7.1	7.8



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.6	1.2	2.1	3.2	4.0	4.8	5.6	6.4	7.1	7.7
-23.75°	0.0	0.6	1.2	2.1	3.1	4.0	4.8	5.5	6.3	7.0	7.6
-25°	0.0	0.6	1.2	2.1	3.1	4.0	4.7	5.5	6.3	7.0	7.6
-26.25°	0.0	0.6	1.2	2.1	3.0	3.9	4.7	5.4	6.2	6.9	7.5
-27.5°	0.0	0.6	1.2	2.0	3.0	3.9	4.6	5.4	6.1	6.9	7.5
-28.75°	0.0	0.6	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.8	7.4
-30°	0.0	0.6	1.1	2.0	2.9	3.8	4.5	5.2	6.0	6.7	7.3
-31.25°	0.0	0.6	1.1	1.9	2.9	3.7	4.5	5.2	5.9	6.6	7.2
-32.5°	0.0	0.5	1.1	1.9	2.8	3.7	4.4	5.1	5.8	6.5	7.2
-33.75°	0.0	0.5	1.1	1.8	2.8	3.6	4.3	5.0	5.7	6.4	7.1
-35°	0.0	0.5	1.1	1.8	2.7	3.6	4.3	5.0	5.7	6.4	7.0
-36.25°	0.0	0.5	1.0	1.8	2.6	3.5	4.2	4.9	5.6	6.3	6.9
-37.5°	0.0	0.5	1.0	1.7	2.6	3.5	4.1	4.8	5.5	6.2	6.8
-38.75°	0.0	0.5	1.0	1.7	2.5	3.4	4.1	4.7	5.4	6.1	6.7
-40°	0.0	0.5	1.0	1.6	2.5	3.3	4.0	4.7	5.3	5.9	6.6
-41.25°	0.0	0.5	1.0	1.6	2.4	3.2	3.9	4.6	5.2	5.8	6.5
-42.5°	0.0	0.5	1.0	1.5	2.3	3.2	3.9	4.5	5.1	5.7	6.3
-43.75°	0.0	0.5	0.9	1.5	2.3	3.1	3.8	4.4	5.0	5.6	6.2
-45°	0.0	0.5	0.9	1.4	2.2	3.0	3.7	4.3	4.9	5.5	6.1
-46.25°	0.0	0.4	0.9	1.4	2.1	2.9	3.6	4.2	4.8	5.4	6.0
-47.5°	0.0	0.4	0.9	1.3	2.1	2.8	3.5	4.1	4.7	5.3	5.8
-48.75°	0.0	0.4	0.9	1.3	2.0	2.7	3.4	4.0	4.6	5.1	5.7
-50°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.9	4.5	5.0	5.5
-51.25°	0.0	0.4	0.8	1.2	1.9	2.5	3.2	3.8	4.3	4.9	5.4
-52.5°	0.0	0.4	0.8	1.2	1.8	2.4	3.1	3.7	4.2	4.7	5.2
-53.75°	0.0	0.4	0.8	1.2	1.7	2.3	3.0	3.6	4.1	4.6	5.1
-55°	0.0	0.4	0.7	1.1	1.6	2.3	2.9	3.5	4.0	4.5	4.9
-56.25°	0.0	0.4	0.7	1.1	1.5	2.2	2.8	3.4	3.9	4.3	4.8
-57.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.6	3.2	3.7	4.2	4.6
-58.75°	0.0	0.3	0.7	1.0	1.4	1.9	2.5	3.1	3.6	4.0	4.5
-60°	0.0	0.3	0.6	1.0	1.3	1.8	2.4	2.9	3.5	3.9	4.3
-61.25°	0.0	0.3	0.6	0.9	1.2	1.7	2.3	2.8	3.3	3.8	4.2
-62.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.1	2.6	3.1	3.6	4.0
-63.75°	0.0	0.3	0.6	0.9	1.1	1.5	2.0	2.5	3.0	3.5	3.8
-65°	0.0	0.3	0.5	0.8	1.1	1.4	1.9	2.3	2.8	3.3	3.7
-66.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.8	2.2	2.6	3.1	3.5
-67.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.6	2.0	2.5	2.9	3.3
-68.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.5	1.9	2.3	2.7	3.1
-70°	0.0	0.2	0.4	0.7	0.9	1.1	1.4	1.7	2.1	2.5	2.8
-71.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.6
-72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.4
-73.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6	1.9	2.2
-75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.9
-76.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.7
-77.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.3	1.5



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-80°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-81.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-82.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-83.75°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
-86.25°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3
-88.75°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
86.25°	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9
85°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
83.75°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5
82.5°	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0
81.25°	1.1	1.2	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5
80°	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.6	2.8	3.0
78.75°	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5
77.5°	1.7	1.9	2.2	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.8
76.25°	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2
75°	2.2	2.5	2.8	3.0	3.3	3.6	3.8	4.0	4.2	4.4	4.6
73.75°	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9
72.5°	2.7	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3
71.25°	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.4	5.7
70°	3.2	3.6	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.8	6.0
68.75°	3.4	3.8	4.1	4.4	4.6	4.9	5.2	5.5	5.8	6.1	6.4
67.5°	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7
66.25°	3.8	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.8	7.0
65°	4.0	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.8	7.1	7.3
63.75°	4.2	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.6
62.5°	4.4	4.8	5.1	5.5	5.9	6.3	6.7	7.0	7.3	7.6	7.8
61.25°	4.6	5.0	5.4	5.8	6.1	6.5	6.9	7.2	7.5	7.8	8.1
60°	4.7	5.2	5.6	6.0	6.4	6.8	7.1	7.4	7.7	8.0	8.3
58.75°	4.9	5.3	5.8	6.2	6.6	7.0	7.3	7.7	8.0	8.3	8.5
57.5°	5.1	5.5	6.0	6.4	6.9	7.2	7.5	7.9	8.2	8.4	8.6
56.25°	5.3	5.7	6.2	6.6	7.0	7.4	7.7	8.1	8.4	8.6	8.8
55°	5.4	5.9	6.4	6.9	7.2	7.6	7.9	8.3	8.5	8.8	9.0
53.75°	5.6	6.1	6.6	7.0	7.4	7.8	8.1	8.4	8.7	8.9	9.2
52.5°	5.8	6.3	6.8	7.2	7.6	7.9	8.3	8.5	8.8	9.1	9.5
51.25°	5.9	6.4	6.9	7.3	7.7	8.1	8.4	8.7	9.0	9.3	9.9
50°	6.1	6.6	7.1	7.5	7.9	8.3	8.5	8.8	9.1	9.6	10.2
48.75°	6.2	6.8	7.2	7.6	8.1	8.4	8.7	9.0	9.4	9.9	10.5
47.5°	6.4	6.9	7.4	7.8	8.2	8.5	8.8	9.1	9.7	10.2	10.8
46.25°	6.5	7.1	7.5	7.9	8.3	8.6	8.9	9.3	9.9	10.5	11.2
45°	6.7	7.2	7.6	8.1	8.4	8.7	9.0	9.6	10.2	10.8	11.7
43.75°	6.8	7.3	7.8	8.2	8.5	8.8	9.2	9.9	10.5	11.2	12.1
42.5°	6.9	7.4	7.9	8.3	8.6	9.0	9.5	10.1	10.7	11.6	12.5
41.25°	7.1	7.5	8.0	8.4	8.7	9.1	9.7	10.3	11.0	12.0	12.9
40°	7.2	7.6	8.1	8.5	8.8	9.2	9.9	10.6	11.4	12.3	13.3
38.75°	7.3	7.8	8.2	8.6	8.9	9.4	10.1	10.8	11.7	12.7	13.7
37.5°	7.4	7.9	8.3	8.7	9.0	9.6	10.3	11.1	12.1	13.1	14.2
36.25°	7.4	8.0	8.4	8.8	9.1	9.8	10.5	11.4	12.4	13.4	14.6
35°	7.5	8.1	8.5	8.8	9.3	10.0	10.7	11.7	12.7	13.8	15.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	7.6	8.2	8.5	8.9	9.5	10.2	10.9	12.0	13.0	14.2	15.4
32.5°	7.7	8.2	8.6	9.0	9.6	10.4	11.2	12.3	13.4	14.6	15.8
31.25°	7.8	8.3	8.7	9.1	9.8	10.5	11.5	12.6	13.7	14.9	16.2
30°	7.9	8.4	8.7	9.2	9.9	10.7	11.7	12.8	14.0	15.3	16.5
28.75°	8.0	8.4	8.8	9.3	10.1	10.9	12.0	13.1	14.3	15.6	16.9
27.5°	8.0	8.5	8.9	9.4	10.2	11.1	12.2	13.3	14.6	15.9	17.3
26.25°	8.1	8.5	8.9	9.6	10.4	11.3	12.4	13.6	14.9	16.2	17.7
25°	8.2	8.6	9.0	9.7	10.5	11.5	12.6	13.9	15.2	16.5	18.1
23.75°	8.2	8.6	9.0	9.8	10.6	11.7	12.8	14.1	15.5	16.9	18.4
22.5°	8.3	8.7	9.1	9.9	10.7	11.9	13.0	14.3	15.7	17.2	18.8
21.25°	8.3	8.7	9.2	10.0	10.9	12.0	13.2	14.6	16.0	17.5	19.1
20°	8.3	8.8	9.3	10.1	11.0	12.2	13.4	14.8	16.2	17.8	19.4
18.75°	8.4	8.8	9.4	10.2	11.1	12.4	13.6	15.0	16.4	18.0	19.7
17.5°	8.4	8.8	9.4	10.3	11.3	12.5	13.8	15.2	16.6	18.3	19.9
16.25°	8.4	8.9	9.5	10.4	11.4	12.6	13.9	15.4	16.8	18.5	20.2
15°	8.5	8.9	9.6	10.5	11.5	12.8	14.1	15.5	17.1	18.7	20.4
13.75°	8.5	8.9	9.7	10.5	11.6	12.9	14.2	15.7	17.2	18.9	20.6
12.5°	8.5	9.0	9.7	10.6	11.7	13.0	14.4	15.8	17.4	19.1	20.8
11.25°	8.6	9.0	9.8	10.7	11.8	13.1	14.5	16.0	17.6	19.3	21.0
10°	8.6	9.0	9.8	10.7	11.9	13.2	14.6	16.1	17.7	19.4	21.1
8.75°	8.6	9.0	9.9	10.7	12.0	13.2	14.7	16.2	17.8	19.6	21.3
7.5°	8.6	9.1	9.9	10.8	12.0	13.3	14.8	16.3	17.9	19.7	21.4
6.25°	8.6	9.1	9.9	10.8	12.1	13.4	14.8	16.3	18.0	19.8	21.5
5°	8.6	9.1	10.0	10.9	12.1	13.4	14.9	16.4	18.1	19.9	21.6
3.75°	8.6	9.1	10.0	10.9	12.2	13.5	14.9	16.4	18.2	19.9	21.6
2.5°	8.6	9.1	10.0	10.9	12.2	13.5	15.0	16.5	18.2	20.0	21.7
1.25°	8.6	9.1	10.0	10.9	12.2	13.5	15.0	16.5	18.2	20.0	21.7
0°	8.7	9.1	10.0	10.9	12.2	13.5	15.0	16.5	18.3	20.0	21.7
-1.25°	8.6	9.1	10.0	10.9	12.2	13.5	15.0	16.5	18.2	20.0	21.7
-2.5°	8.6	9.1	10.0	10.9	12.2	13.5	15.0	16.5	18.2	20.0	21.7
-3.75°	8.6	9.1	10.0	10.9	12.2	13.5	14.9	16.4	18.2	19.9	21.6
-5°	8.6	9.1	10.0	10.9	12.1	13.4	14.9	16.4	18.1	19.9	21.6
-6.25°	8.6	9.1	9.9	10.8	12.1	13.4	14.8	16.3	18.0	19.8	21.5
-7.5°	8.6	9.1	9.9	10.8	12.0	13.3	14.8	16.3	17.9	19.7	21.4
-8.75°	8.6	9.0	9.9	10.7	12.0	13.2	14.7	16.2	17.8	19.6	21.3
-10°	8.6	9.0	9.8	10.7	11.9	13.2	14.6	16.1	17.7	19.4	21.1
-11.25°	8.6	9.0	9.8	10.7	11.8	13.1	14.5	16.0	17.6	19.3	21.0
-12.5°	8.5	9.0	9.7	10.6	11.7	13.0	14.4	15.8	17.4	19.1	20.8
-13.75°	8.5	8.9	9.7	10.5	11.6	12.9	14.2	15.7	17.2	18.9	20.6
-15°	8.5	8.9	9.6	10.5	11.5	12.8	14.1	15.5	17.1	18.7	20.4
-16.25°	8.4	8.9	9.5	10.4	11.4	12.6	13.9	15.4	16.8	18.5	20.2
-17.5°	8.4	8.8	9.4	10.3	11.3	12.5	13.8	15.2	16.6	18.3	19.9
-18.75°	8.4	8.8	9.4	10.2	11.1	12.4	13.6	15.0	16.4	18.0	19.7
-20°	8.3	8.8	9.3	10.1	11.0	12.2	13.4	14.8	16.2	17.8	19.4
-21.25°	8.3	8.7	9.2	10.0	10.9	12.0	13.2	14.6	16.0	17.5	19.1



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	8.3	8.7	9.1	9.9	10.7	11.9	13.0	14.3	15.7	17.2	18.8
-23.75°	8.2	8.6	9.0	9.8	10.6	11.7	12.8	14.1	15.5	16.9	18.4
-25°	8.2	8.6	9.0	9.7	10.5	11.5	12.6	13.9	15.2	16.5	18.1
-26.25°	8.1	8.5	8.9	9.6	10.4	11.3	12.4	13.6	14.9	16.2	17.7
-27.5°	8.0	8.5	8.9	9.4	10.2	11.1	12.2	13.3	14.6	15.9	17.3
-28.75°	8.0	8.4	8.8	9.3	10.1	10.9	12.0	13.1	14.3	15.6	16.9
-30°	7.9	8.4	8.7	9.2	9.9	10.7	11.7	12.8	14.0	15.3	16.5
-31.25°	7.8	8.3	8.7	9.1	9.8	10.5	11.5	12.6	13.7	14.9	16.2
-32.5°	7.7	8.2	8.6	9.0	9.6	10.4	11.2	12.3	13.4	14.6	15.8
-33.75°	7.6	8.2	8.5	8.9	9.5	10.2	10.9	12.0	13.0	14.2	15.4
-35°	7.5	8.1	8.5	8.8	9.3	10.0	10.7	11.7	12.7	13.8	15.0
-36.25°	7.4	8.0	8.4	8.8	9.1	9.8	10.5	11.4	12.4	13.4	14.6
-37.5°	7.4	7.9	8.3	8.7	9.0	9.6	10.3	11.1	12.1	13.1	14.2
-38.75°	7.3	7.8	8.2	8.6	8.9	9.4	10.1	10.8	11.7	12.7	13.7
-40°	7.2	7.6	8.1	8.5	8.8	9.2	9.9	10.6	11.4	12.3	13.3
-41.25°	7.1	7.5	8.0	8.4	8.7	9.1	9.7	10.3	11.0	12.0	12.9
-42.5°	6.9	7.4	7.9	8.3	8.6	9.0	9.5	10.1	10.7	11.6	12.5
-43.75°	6.8	7.3	7.8	8.2	8.5	8.8	9.2	9.9	10.5	11.2	12.1
-45°	6.7	7.2	7.6	8.1	8.4	8.7	9.0	9.6	10.2	10.8	11.7
-46.25°	6.5	7.1	7.5	7.9	8.3	8.6	8.9	9.3	9.9	10.5	11.2
-47.5°	6.4	6.9	7.4	7.8	8.2	8.5	8.8	9.1	9.7	10.2	10.8
-48.75°	6.2	6.8	7.2	7.6	8.1	8.4	8.7	9.0	9.4	9.9	10.5
-50°	6.1	6.6	7.1	7.5	7.9	8.3	8.5	8.8	9.1	9.6	10.2
-51.25°	5.9	6.4	6.9	7.3	7.7	8.1	8.4	8.7	9.0	9.3	9.9
-52.5°	5.8	6.3	6.8	7.2	7.6	7.9	8.3	8.5	8.8	9.1	9.5
-53.75°	5.6	6.1	6.6	7.0	7.4	7.8	8.1	8.4	8.7	8.9	9.2
-55°	5.4	5.9	6.4	6.9	7.2	7.6	7.9	8.3	8.5	8.8	9.0
-56.25°	5.3	5.7	6.2	6.6	7.0	7.4	7.7	8.1	8.4	8.6	8.8
-57.5°	5.1	5.5	6.0	6.4	6.9	7.2	7.5	7.9	8.2	8.4	8.6
-58.75°	4.9	5.3	5.8	6.2	6.6	7.0	7.3	7.7	8.0	8.3	8.5
-60°	4.7	5.2	5.6	6.0	6.4	6.8	7.1	7.4	7.7	8.0	8.3
-61.25°	4.6	5.0	5.4	5.8	6.1	6.5	6.9	7.2	7.5	7.8	8.1
-62.5°	4.4	4.8	5.1	5.5	5.9	6.3	6.7	7.0	7.3	7.6	7.8
-63.75°	4.2	4.6	4.9	5.3	5.7	6.0	6.4	6.7	7.0	7.3	7.6
-65°	4.0	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.8	7.1	7.3
-66.25°	3.8	4.2	4.5	4.8	5.2	5.5	5.8	6.1	6.4	6.8	7.0
-67.5°	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7
-68.75°	3.4	3.8	4.1	4.4	4.6	4.9	5.2	5.5	5.8	6.1	6.4
-70°	3.2	3.6	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.8	6.0
-71.25°	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.4	5.7
-72.5°	2.7	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3
-73.75°	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9
-75°	2.2	2.5	2.8	3.0	3.3	3.6	3.8	4.0	4.2	4.4	4.6
-76.25°	1.9	2.2	2.5	2.7	3.0	3.2	3.4	3.6	3.8	4.0	4.2
-77.5°	1.7	1.9	2.2	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.8



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5
-80°	1.2	1.4	1.6	1.7	1.9	2.1	2.3	2.5	2.6	2.8	3.0
-81.25°	1.1	1.2	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3	2.5
-82.5°	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0
-83.75°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5
-85°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-86.25°	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9
-87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
86.25°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3
85°	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	1.9
83.75°	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.3	2.4	2.5	2.6
82.5°	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3
81.25°	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9
80°	3.1	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.5
78.75°	3.6	3.8	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
77.5°	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.4	5.5
76.25°	4.4	4.6	4.7	4.9	5.1	5.3	5.4	5.6	5.8	5.9	6.1
75°	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.6
73.75°	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9	7.1
72.5°	5.5	5.8	6.0	6.2	6.4	6.6	6.9	7.0	7.2	7.3	7.5
71.25°	5.9	6.1	6.4	6.6	6.9	7.0	7.2	7.4	7.6	7.7	7.9
70°	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1	8.3
68.75°	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.5
67.5°	7.0	7.2	7.4	7.7	7.9	8.1	8.3	8.4	8.5	8.7	8.8
66.25°	7.3	7.5	7.7	8.0	8.2	8.4	8.5	8.7	8.8	9.0	9.1
65°	7.6	7.8	8.0	8.3	8.4	8.6	8.8	8.9	9.1	9.3	9.6
63.75°	7.8	8.1	8.3	8.5	8.6	8.8	9.0	9.2	9.5	9.9	10.2
62.5°	8.1	8.3	8.5	8.7	8.9	9.1	9.4	9.7	10.1	10.4	10.7
61.25°	8.3	8.5	8.7	8.9	9.1	9.5	9.8	10.2	10.6	10.9	11.4
60°	8.5	8.7	8.9	9.1	9.5	9.9	10.3	10.7	11.1	11.7	12.2
58.75°	8.7	8.9	9.1	9.5	10.0	10.4	10.8	11.3	11.8	12.4	13.0
57.5°	8.9	9.1	9.5	10.0	10.4	10.8	11.4	12.0	12.6	13.1	13.7
56.25°	9.1	9.5	9.9	10.4	10.8	11.4	12.0	12.6	13.3	13.9	14.6
55°	9.4	9.8	10.3	10.8	11.4	12.0	12.7	13.3	14.0	14.7	15.5
53.75°	9.7	10.2	10.7	11.3	12.0	12.6	13.3	14.1	14.8	15.6	16.3
52.5°	10.1	10.6	11.1	11.8	12.6	13.3	14.0	14.8	15.6	16.4	17.2
51.25°	10.4	10.9	11.7	12.4	13.1	13.9	14.7	15.6	16.4	17.3	18.2
50°	10.7	11.4	12.2	13.0	13.7	14.6	15.5	16.3	17.2	18.2	19.2
48.75°	11.1	11.9	12.7	13.5	14.4	15.3	16.2	17.1	18.1	19.1	20.1
47.5°	11.6	12.4	13.2	14.1	15.0	16.0	16.9	18.0	19.0	20.0	21.0
46.25°	12.1	12.9	13.8	14.7	15.7	16.6	17.7	18.8	19.9	20.9	21.9
45°	12.5	13.4	14.3	15.3	16.3	17.4	18.5	19.6	20.7	21.7	22.8
43.75°	13.0	13.9	14.9	15.9	17.0	18.1	19.3	20.4	21.5	22.6	23.5
42.5°	13.4	14.4	15.5	16.5	17.7	18.9	20.0	21.2	22.3	23.4	24.1
41.25°	13.9	14.9	16.0	17.1	18.4	19.6	20.7	21.9	23.0	23.9	24.6
40°	14.4	15.4	16.5	17.8	19.0	20.3	21.4	22.6	23.7	24.4	25.2
38.75°	14.8	15.9	17.1	18.4	19.7	20.9	22.1	23.3	24.1	24.9	25.7
37.5°	15.3	16.4	17.7	19.0	20.3	21.6	22.8	23.8	24.6	25.4	26.3
36.25°	15.7	17.0	18.3	19.6	20.9	22.2	23.4	24.3	25.1	25.9	26.9
35°	16.2	17.5	18.8	20.2	21.5	22.8	23.9	24.7	25.5	26.5	27.4



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	16.6	18.0	19.4	20.8	22.1	23.4	24.3	25.1	26.0	27.0	28.0
32.5°	17.1	18.5	19.9	21.3	22.6	23.8	24.7	25.5	26.5	27.5	28.3
31.25°	17.6	19.0	20.4	21.8	23.2	24.2	25.0	26.0	27.0	28.0	28.5
30°	18.0	19.5	20.9	22.3	23.6	24.5	25.4	26.4	27.5	28.3	28.7
28.75°	18.4	19.9	21.4	22.8	23.9	24.9	25.8	26.9	27.9	28.5	28.8
27.5°	18.8	20.3	21.8	23.3	24.2	25.2	26.2	27.3	28.3	28.6	29.0
26.25°	19.3	20.8	22.2	23.6	24.6	25.5	26.6	27.7	28.4	28.8	29.1
25°	19.6	21.1	22.6	23.9	24.8	25.8	27.0	28.1	28.6	28.9	29.1
23.75°	20.0	21.5	23.0	24.1	25.1	26.2	27.3	28.3	28.7	29.1	29.1
22.5°	20.3	21.9	23.4	24.4	25.4	26.5	27.7	28.4	28.8	29.1	29.1
21.25°	20.7	22.2	23.6	24.6	25.7	26.8	28.0	28.5	28.9	29.1	29.1
20°	21.0	22.5	23.9	24.9	25.9	27.1	28.2	28.7	29.1	29.1	29.1
18.75°	21.3	22.8	24.1	25.1	26.2	27.4	28.3	28.8	29.1	29.1	29.1
17.5°	21.5	23.1	24.3	25.3	26.5	27.7	28.4	28.9	29.1	29.1	29.1
16.25°	21.8	23.4	24.4	25.5	26.7	27.9	28.5	29.0	29.1	29.1	29.1
15°	22.0	23.6	24.6	25.7	26.9	28.2	28.6	29.0	29.1	29.1	29.1
13.75°	22.2	23.7	24.8	25.9	27.1	28.3	28.7	29.1	29.1	29.1	29.1
12.5°	22.4	23.8	24.9	26.0	27.3	28.3	28.8	29.1	29.1	29.1	29.1
11.25°	22.6	24.0	25.0	26.2	27.5	28.4	28.8	29.1	29.1	29.1	29.1
10°	22.8	24.1	25.2	26.4	27.6	28.4	28.9	29.1	29.1	29.1	29.1
8.75°	22.9	24.2	25.3	26.5	27.8	28.5	28.9	29.1	29.1	29.1	29.1
7.5°	23.1	24.3	25.4	26.6	27.9	28.5	29.0	29.1	29.1	29.1	29.1
6.25°	23.2	24.3	25.4	26.7	28.0	28.6	29.0	29.1	29.1	29.1	29.1
5°	23.2	24.4	25.5	26.8	28.1	28.6	29.0	29.1	29.1	29.1	29.1
3.75°	23.3	24.4	25.5	26.8	28.1	28.6	29.1	29.1	29.1	29.1	29.1
2.5°	23.4	24.5	25.6	26.9	28.2	28.6	29.1	29.1	29.1	29.1	29.1
1.25°	23.4	24.5	25.6	26.9	28.2	28.6	29.1	29.1	29.1	29.1	29.1
0°	23.4	24.5	25.6	26.9	28.2	28.7	29.1	29.1	29.1	29.1	29.1
-1.25°	23.4	24.5	25.6	26.9	28.2	28.6	29.1	29.1	29.1	29.1	29.1
-2.5°	23.4	24.5	25.6	26.9	28.2	28.6	29.1	29.1	29.1	29.1	29.1
-3.75°	23.3	24.4	25.5	26.8	28.1	28.6	29.1	29.1	29.1	29.1	29.1
-5°	23.2	24.4	25.5	26.8	28.1	28.6	29.0	29.1	29.1	29.1	29.1
-6.25°	23.2	24.3	25.4	26.7	28.0	28.6	29.0	29.1	29.1	29.1	29.1
-7.5°	23.1	24.3	25.4	26.6	27.9	28.5	29.0	29.1	29.1	29.1	29.1
-8.75°	22.9	24.2	25.3	26.5	27.8	28.5	28.9	29.1	29.1	29.1	29.1
-10°	22.8	24.1	25.2	26.4	27.6	28.4	28.9	29.1	29.1	29.1	29.1
-11.25°	22.6	24.0	25.0	26.2	27.5	28.4	28.8	29.1	29.1	29.1	29.1
-12.5°	22.4	23.8	24.9	26.0	27.3	28.3	28.8	29.1	29.1	29.1	29.1
-13.75°	22.2	23.7	24.8	25.9	27.1	28.3	28.7	29.1	29.1	29.1	29.1
-15°	22.0	23.6	24.6	25.7	26.9	28.2	28.6	29.0	29.1	29.1	29.1
-16.25°	21.8	23.4	24.4	25.5	26.7	27.9	28.5	29.0	29.1	29.1	29.1
-17.5°	21.5	23.1	24.3	25.3	26.5	27.7	28.4	28.9	29.1	29.1	29.1
-18.75°	21.3	22.8	24.1	25.1	26.2	27.4	28.3	28.8	29.1	29.1	29.1
-20°	21.0	22.5	23.9	24.9	25.9	27.1	28.2	28.7	29.1	29.1	29.1
-21.25°	20.7	22.2	23.6	24.6	25.7	26.8	28.0	28.5	28.9	29.1	29.1



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	20.3	21.9	23.4	24.4	25.4	26.5	27.7	28.4	28.8	29.1	29.1
-23.75°	20.0	21.5	23.0	24.1	25.1	26.2	27.3	28.3	28.7	29.1	29.1
-25°	19.6	21.1	22.6	23.9	24.8	25.8	27.0	28.1	28.6	28.9	29.1
-26.25°	19.3	20.8	22.2	23.6	24.6	25.5	26.6	27.7	28.4	28.8	29.1
-27.5°	18.8	20.3	21.8	23.3	24.2	25.2	26.2	27.3	28.3	28.6	29.0
-28.75°	18.4	19.9	21.4	22.8	23.9	24.9	25.8	26.9	27.9	28.5	28.8
-30°	18.0	19.5	20.9	22.3	23.6	24.5	25.4	26.4	27.5	28.3	28.7
-31.25°	17.6	19.0	20.4	21.8	23.2	24.2	25.0	26.0	27.0	28.0	28.5
-32.5°	17.1	18.5	19.9	21.3	22.6	23.8	24.7	25.5	26.5	27.5	28.3
-33.75°	16.6	18.0	19.4	20.8	22.1	23.4	24.3	25.1	26.0	27.0	28.0
-35°	16.2	17.5	18.8	20.2	21.5	22.8	23.9	24.7	25.5	26.5	27.4
-36.25°	15.7	17.0	18.3	19.6	20.9	22.2	23.4	24.3	25.1	25.9	26.9
-37.5°	15.3	16.4	17.7	19.0	20.3	21.6	22.8	23.8	24.6	25.4	26.3
-38.75°	14.8	15.9	17.1	18.4	19.7	20.9	22.1	23.3	24.1	24.9	25.7
-40°	14.4	15.4	16.5	17.8	19.0	20.3	21.4	22.6	23.7	24.4	25.2
-41.25°	13.9	14.9	16.0	17.1	18.4	19.6	20.7	21.9	23.0	23.9	24.6
-42.5°	13.4	14.4	15.5	16.5	17.7	18.9	20.0	21.2	22.3	23.4	24.1
-43.75°	13.0	13.9	14.9	15.9	17.0	18.1	19.3	20.4	21.5	22.6	23.5
-45°	12.5	13.4	14.3	15.3	16.3	17.4	18.5	19.6	20.7	21.7	22.8
-46.25°	12.1	12.9	13.8	14.7	15.7	16.6	17.7	18.8	19.9	20.9	21.9
-47.5°	11.6	12.4	13.2	14.1	15.0	16.0	16.9	18.0	19.0	20.0	21.0
-48.75°	11.1	11.9	12.7	13.5	14.4	15.3	16.2	17.1	18.1	19.1	20.1
-50°	10.7	11.4	12.2	13.0	13.7	14.6	15.5	16.3	17.2	18.2	19.2
-51.25°	10.4	10.9	11.7	12.4	13.1	13.9	14.7	15.6	16.4	17.3	18.2
-52.5°	10.1	10.6	11.1	11.8	12.6	13.3	14.0	14.8	15.6	16.4	17.2
-53.75°	9.7	10.2	10.7	11.3	12.0	12.6	13.3	14.1	14.8	15.6	16.3
-55°	9.4	9.8	10.3	10.8	11.4	12.0	12.7	13.3	14.0	14.7	15.5
-56.25°	9.1	9.5	9.9	10.4	10.8	11.4	12.0	12.6	13.3	13.9	14.6
-57.5°	8.9	9.1	9.5	10.0	10.4	10.8	11.4	12.0	12.6	13.1	13.7
-58.75°	8.7	8.9	9.1	9.5	10.0	10.4	10.8	11.3	11.8	12.4	13.0
-60°	8.5	8.7	8.9	9.1	9.5	9.9	10.3	10.7	11.1	11.7	12.2
-61.25°	8.3	8.5	8.7	8.9	9.1	9.5	9.8	10.2	10.6	10.9	11.4
-62.5°	8.1	8.3	8.5	8.7	8.9	9.1	9.4	9.7	10.1	10.4	10.7
-63.75°	7.8	8.1	8.3	8.5	8.6	8.8	9.0	9.2	9.5	9.9	10.2
-65°	7.6	7.8	8.0	8.3	8.4	8.6	8.8	8.9	9.1	9.3	9.6
-66.25°	7.3	7.5	7.7	8.0	8.2	8.4	8.5	8.7	8.8	9.0	9.1
-67.5°	7.0	7.2	7.4	7.7	7.9	8.1	8.3	8.4	8.5	8.7	8.8
-68.75°	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.5
-70°	6.3	6.5	6.8	7.0	7.2	7.4	7.6	7.8	7.9	8.1	8.3
-71.25°	5.9	6.1	6.4	6.6	6.9	7.0	7.2	7.4	7.6	7.7	7.9
-72.5°	5.5	5.8	6.0	6.2	6.4	6.6	6.9	7.0	7.2	7.3	7.5
-73.75°	5.1	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9	7.1
-75°	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.6
-76.25°	4.4	4.6	4.7	4.9	5.1	5.3	5.4	5.6	5.8	5.9	6.1
-77.5°	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.4	5.5



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.6	3.8	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
-80°	3.1	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.5
-81.25°	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9
-82.5°	2.1	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3
-83.75°	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.3	2.4	2.5	2.6
-85°	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	1.9
-86.25°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3
-87.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
-88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8
85°	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6
83.75°	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.5
82.5°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2
81.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
80°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
78.75°	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3
77.5°	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.9
76.25°	6.2	6.4	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.4
75°	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.8	7.9	8.0
73.75°	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.2	8.3	8.4
72.5°	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8
71.25°	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1
70°	8.4	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.4	9.6	9.8
68.75°	8.7	8.8	8.9	9.0	9.2	9.5	9.7	9.9	10.1	10.3	10.5
67.5°	9.0	9.1	9.3	9.6	9.9	10.1	10.3	10.6	10.8	11.1	11.4
66.25°	9.4	9.7	9.9	10.2	10.5	10.7	11.0	11.4	11.7	12.1	12.4
65°	9.9	10.2	10.5	10.8	11.2	11.6	12.0	12.3	12.7	13.1	13.4
63.75°	10.5	10.8	11.2	11.7	12.1	12.5	12.9	13.3	13.7	14.2	14.6
62.5°	11.1	11.6	12.1	12.5	13.0	13.4	13.9	14.4	14.8	15.3	15.7
61.25°	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	17.0
60°	12.7	13.2	13.8	14.3	14.9	15.5	16.0	16.5	17.1	17.7	18.3
58.75°	13.5	14.1	14.7	15.3	15.9	16.5	17.1	17.8	18.4	19.0	19.6
57.5°	14.4	15.0	15.7	16.3	17.0	17.7	18.4	19.0	19.7	20.3	20.9
56.25°	15.3	16.0	16.6	17.4	18.1	18.9	19.6	20.3	20.9	21.6	22.2
55°	16.2	16.9	17.7	18.5	19.3	20.0	20.7	21.4	22.1	22.8	23.4
53.75°	17.1	18.0	18.8	19.6	20.4	21.2	21.9	22.6	23.3	23.8	24.3
52.5°	18.1	19.0	19.9	20.7	21.5	22.3	23.0	23.7	24.1	24.6	25.1
51.25°	19.1	20.0	20.9	21.7	22.6	23.4	23.9	24.4	24.9	25.4	25.9
50°	20.1	21.0	21.9	22.8	23.5	24.1	24.6	25.2	25.7	26.3	26.9
48.75°	21.0	22.0	22.9	23.7	24.2	24.8	25.4	26.0	26.6	27.2	27.8
47.5°	22.0	22.9	23.7	24.3	24.9	25.5	26.1	26.8	27.5	28.1	28.4
46.25°	22.9	23.7	24.3	25.0	25.6	26.3	27.0	27.7	28.2	28.5	28.7
45°	23.7	24.3	25.0	25.6	26.3	27.1	27.8	28.3	28.5	28.8	29.0
43.75°	24.2	24.9	25.6	26.3	27.1	27.9	28.3	28.6	28.8	29.1	29.1
42.5°	24.8	25.5	26.3	27.1	27.9	28.4	28.6	28.9	29.1	29.1	29.1
41.25°	25.4	26.1	27.0	27.8	28.3	28.6	28.9	29.1	29.1	29.1	29.1
40°	26.0	26.8	27.7	28.3	28.6	28.9	29.1	29.1	29.1	29.1	29.1
38.75°	26.6	27.5	28.2	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1
37.5°	27.2	28.1	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1
36.25°	27.8	28.4	28.7	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.3
35°	28.3	28.6	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.6



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.6	29.9
32.5°	28.7	29.0	29.1	29.1	29.1	29.1	29.1	29.2	29.5	29.8	30.2
31.25°	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.4	29.8	30.1	30.6
30°	29.0	29.1	29.1	29.1	29.1	29.1	29.3	29.7	30.0	30.5	30.9
28.75°	29.1	29.1	29.1	29.1	29.1	29.2	29.5	29.9	30.3	30.8	31.3
27.5°	29.1	29.1	29.1	29.1	29.1	29.4	29.8	30.2	30.7	31.2	31.6
26.25°	29.1	29.1	29.1	29.1	29.2	29.6	30.0	30.5	31.0	31.5	32.0
25°	29.1	29.1	29.1	29.1	29.4	29.8	30.2	30.8	31.3	31.8	32.3
23.75°	29.1	29.1	29.1	29.2	29.6	30.0	30.5	31.1	31.6	32.1	32.6
22.5°	29.1	29.1	29.1	29.4	29.8	30.2	30.8	31.3	31.9	32.4	32.9
21.25°	29.1	29.1	29.1	29.5	29.9	30.5	31.0	31.6	32.1	32.7	33.2
20°	29.1	29.1	29.3	29.7	30.1	30.7	31.3	31.8	32.4	33.0	33.5
18.75°	29.1	29.1	29.4	29.8	30.3	30.9	31.5	32.1	32.7	33.2	33.8
17.5°	29.1	29.1	29.6	30.0	30.5	31.1	31.7	32.3	32.9	33.5	34.0
16.25°	29.1	29.3	29.7	30.1	30.7	31.3	31.9	32.5	33.1	33.7	34.3
15°	29.1	29.4	29.8	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5
13.75°	29.1	29.5	29.9	30.5	31.1	31.7	32.3	32.9	33.5	34.1	34.7
12.5°	29.1	29.6	30.0	30.6	31.2	31.8	32.5	33.1	33.7	34.3	34.9
11.25°	29.2	29.6	30.1	30.7	31.4	32.0	32.6	33.2	33.8	34.5	35.1
10°	29.3	29.7	30.2	30.9	31.5	32.1	32.7	33.4	34.0	34.6	35.3
8.75°	29.3	29.8	30.3	31.0	31.6	32.2	32.9	33.5	34.1	34.8	35.6
7.5°	29.4	29.8	30.4	31.0	31.7	32.3	33.0	33.6	34.2	34.9	35.8
6.25°	29.4	29.9	30.5	31.1	31.8	32.4	33.0	33.7	34.3	35.0	36.0
5°	29.5	29.9	30.5	31.2	31.8	32.5	33.1	33.8	34.4	35.1	36.2
3.75°	29.5	30.0	30.6	31.2	31.9	32.5	33.2	33.8	34.5	35.1	36.3
2.5°	29.5	30.0	30.6	31.3	31.9	32.6	33.2	33.9	34.5	35.2	36.4
1.25°	29.5	30.0	30.6	31.3	31.9	32.6	33.2	33.9	34.5	35.2	36.5
0°	29.6	30.0	30.7	31.3	32.0	32.6	33.3	33.9	34.6	35.2	36.5
-1.25°	29.5	30.0	30.6	31.3	31.9	32.6	33.2	33.9	34.5	35.2	36.5
-2.5°	29.5	30.0	30.6	31.3	31.9	32.6	33.2	33.9	34.5	35.2	36.4
-3.75°	29.5	30.0	30.6	31.2	31.9	32.5	33.2	33.8	34.5	35.1	36.3
-5°	29.5	29.9	30.5	31.2	31.8	32.5	33.1	33.8	34.4	35.1	36.2
-6.25°	29.4	29.9	30.5	31.1	31.8	32.4	33.0	33.7	34.3	35.0	36.0
-7.5°	29.4	29.8	30.4	31.0	31.7	32.3	33.0	33.6	34.2	34.9	35.8
-8.75°	29.3	29.8	30.3	31.0	31.6	32.2	32.9	33.5	34.1	34.8	35.6
-10°	29.3	29.7	30.2	30.9	31.5	32.1	32.7	33.4	34.0	34.6	35.3
-11.25°	29.2	29.6	30.1	30.7	31.4	32.0	32.6	33.2	33.8	34.5	35.1
-12.5°	29.1	29.6	30.0	30.6	31.2	31.8	32.5	33.1	33.7	34.3	34.9
-13.75°	29.1	29.5	29.9	30.5	31.1	31.7	32.3	32.9	33.5	34.1	34.7
-15°	29.1	29.4	29.8	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5
-16.25°	29.1	29.3	29.7	30.1	30.7	31.3	31.9	32.5	33.1	33.7	34.3
-17.5°	29.1	29.1	29.6	30.0	30.5	31.1	31.7	32.3	32.9	33.5	34.0
-18.75°	29.1	29.1	29.4	29.8	30.3	30.9	31.5	32.1	32.7	33.2	33.8
-20°	29.1	29.1	29.3	29.7	30.1	30.7	31.3	31.8	32.4	33.0	33.5
-21.25°	29.1	29.1	29.1	29.5	29.9	30.5	31.0	31.6	32.1	32.7	33.2



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	29.1	29.1	29.1	29.4	29.8	30.2	30.8	31.3	31.9	32.4	32.9
-23.75°	29.1	29.1	29.1	29.2	29.6	30.0	30.5	31.1	31.6	32.1	32.6
-25°	29.1	29.1	29.1	29.1	29.4	29.8	30.2	30.8	31.3	31.8	32.3
-26.25°	29.1	29.1	29.1	29.1	29.2	29.6	30.0	30.5	31.0	31.5	32.0
-27.5°	29.1	29.1	29.1	29.1	29.1	29.4	29.8	30.2	30.7	31.2	31.6
-28.75°	29.1	29.1	29.1	29.1	29.1	29.2	29.5	29.9	30.3	30.8	31.3
-30°	29.0	29.1	29.1	29.1	29.1	29.1	29.3	29.7	30.0	30.5	30.9
-31.25°	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.4	29.8	30.1	30.6
-32.5°	28.7	29.0	29.1	29.1	29.1	29.1	29.1	29.2	29.5	29.8	30.2
-33.75°	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.6	29.9
-35°	28.3	28.6	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.6
-36.25°	27.8	28.4	28.7	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.3
-37.5°	27.2	28.1	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-38.75°	26.6	27.5	28.2	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1
-40°	26.0	26.8	27.7	28.3	28.6	28.9	29.1	29.1	29.1	29.1	29.1
-41.25°	25.4	26.1	27.0	27.8	28.3	28.6	28.9	29.1	29.1	29.1	29.1
-42.5°	24.8	25.5	26.3	27.1	27.9	28.4	28.6	28.9	29.1	29.1	29.1
-43.75°	24.2	24.9	25.6	26.3	27.1	27.9	28.3	28.6	28.8	29.1	29.1
-45°	23.7	24.3	25.0	25.6	26.3	27.1	27.8	28.3	28.5	28.8	29.0
-46.25°	22.9	23.7	24.3	25.0	25.6	26.3	27.0	27.7	28.2	28.5	28.7
-47.5°	22.0	22.9	23.7	24.3	24.9	25.5	26.1	26.8	27.5	28.1	28.4
-48.75°	21.0	22.0	22.9	23.7	24.2	24.8	25.4	26.0	26.6	27.2	27.8
-50°	20.1	21.0	21.9	22.8	23.5	24.1	24.6	25.2	25.7	26.3	26.9
-51.25°	19.1	20.0	20.9	21.7	22.6	23.4	23.9	24.4	24.9	25.4	25.9
-52.5°	18.1	19.0	19.9	20.7	21.5	22.3	23.0	23.7	24.1	24.6	25.1
-53.75°	17.1	18.0	18.8	19.6	20.4	21.2	21.9	22.6	23.3	23.8	24.3
-55°	16.2	16.9	17.7	18.5	19.3	20.0	20.7	21.4	22.1	22.8	23.4
-56.25°	15.3	16.0	16.6	17.4	18.1	18.9	19.6	20.3	20.9	21.6	22.2
-57.5°	14.4	15.0	15.7	16.3	17.0	17.7	18.4	19.0	19.7	20.3	20.9
-58.75°	13.5	14.1	14.7	15.3	15.9	16.5	17.1	17.8	18.4	19.0	19.6
-60°	12.7	13.2	13.8	14.3	14.9	15.5	16.0	16.5	17.1	17.7	18.3
-61.25°	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	17.0
-62.5°	11.1	11.6	12.1	12.5	13.0	13.4	13.9	14.4	14.8	15.3	15.7
-63.75°	10.5	10.8	11.2	11.7	12.1	12.5	12.9	13.3	13.7	14.2	14.6
-65°	9.9	10.2	10.5	10.8	11.2	11.6	12.0	12.3	12.7	13.1	13.4
-66.25°	9.4	9.7	9.9	10.2	10.5	10.7	11.0	11.4	11.7	12.1	12.4
-67.5°	9.0	9.1	9.3	9.6	9.9	10.1	10.3	10.6	10.8	11.1	11.4
-68.75°	8.7	8.8	8.9	9.0	9.2	9.5	9.7	9.9	10.1	10.3	10.5
-70°	8.4	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.4	9.6	9.8
-71.25°	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1
-72.5°	7.6	7.8	7.9	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8
-73.75°	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.2	8.3	8.4
-75°	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.8	7.9	8.0
-76.25°	6.2	6.4	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.4
-77.5°	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6	6.7	6.8	6.9



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3
-80°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
-81.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
-82.5°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2
-83.75°	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.5
-85°	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6
-86.25°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8
-87.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
86.25°	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1
85°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
83.75°	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0
82.5°	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8
81.25°	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6
80°	5.7	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4
78.75°	6.4	6.4	6.5	6.6	6.7	6.8	6.9	6.9	7.0	7.0	7.1
77.5°	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.5	7.6	7.6	7.7
76.25°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.2	8.3
75°	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.7
73.75°	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.1
72.5°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.6	9.7	9.8	9.9
71.25°	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.7
70°	10.0	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9
68.75°	10.7	10.9	11.2	11.5	11.7	12.0	12.2	12.4	12.6	12.8	13.0
67.5°	11.7	12.0	12.3	12.6	12.8	13.1	13.3	13.6	13.9	14.1	14.3
66.25°	12.7	13.0	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.7
65°	13.8	14.2	14.6	14.9	15.3	15.6	15.9	16.2	16.5	16.9	17.2
63.75°	15.0	15.4	15.8	16.2	16.5	16.9	17.3	17.7	18.1	18.4	18.8
62.5°	16.2	16.6	17.1	17.6	18.0	18.4	18.8	19.3	19.6	20.0	20.3
61.25°	17.5	18.0	18.5	19.0	19.5	19.9	20.3	20.8	21.1	21.5	21.9
60°	18.8	19.4	19.9	20.4	20.9	21.4	21.8	22.2	22.6	23.0	23.4
58.75°	20.2	20.8	21.3	21.8	22.3	22.8	23.3	23.6	23.9	24.1	24.4
57.5°	21.5	22.1	22.6	23.2	23.6	23.9	24.2	24.6	24.8	25.1	25.4
56.25°	22.8	23.4	23.8	24.2	24.5	24.9	25.2	25.5	25.8	26.2	26.5
55°	23.9	24.3	24.7	25.0	25.4	25.8	26.2	26.6	27.0	27.3	27.7
53.75°	24.7	25.1	25.5	26.0	26.4	26.9	27.3	27.7	28.1	28.3	28.4
52.5°	25.5	26.0	26.5	27.0	27.5	27.9	28.3	28.4	28.6	28.7	28.8
51.25°	26.5	27.0	27.5	28.0	28.3	28.5	28.6	28.8	28.9	29.1	29.1
50°	27.4	28.0	28.3	28.5	28.7	28.8	29.0	29.1	29.1	29.1	29.1
48.75°	28.3	28.5	28.7	28.9	29.0	29.1	29.1	29.1	29.1	29.1	29.1
47.5°	28.6	28.8	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
46.25°	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
45°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.4
43.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.4	29.6	29.8
42.5°	29.1	29.1	29.1	29.1	29.1	29.2	29.4	29.6	29.8	30.0	30.2
41.25°	29.1	29.1	29.1	29.1	29.3	29.5	29.8	30.0	30.2	30.5	30.8
40°	29.1	29.1	29.2	29.4	29.7	29.9	30.2	30.5	30.8	31.1	31.3
38.75°	29.1	29.3	29.5	29.8	30.0	30.3	30.7	31.0	31.3	31.6	31.9
37.5°	29.3	29.6	29.8	30.1	30.5	30.8	31.2	31.5	31.8	32.1	32.4
36.25°	29.6	29.9	30.2	30.6	30.9	31.3	31.6	32.0	32.3	32.6	32.9
35°	29.9	30.2	30.6	31.0	31.4	31.8	32.1	32.5	32.8	33.2	33.5



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	30.2	30.6	31.1	31.5	31.9	32.2	32.6	33.0	33.3	33.7	34.0
32.5°	30.6	31.1	31.5	31.9	32.3	32.7	33.1	33.5	33.8	34.2	34.5
31.25°	31.0	31.5	31.9	32.3	32.7	33.1	33.5	33.9	34.3	34.7	35.0
30°	31.4	31.9	32.3	32.7	33.2	33.6	34.0	34.4	34.8	35.2	35.9
28.75°	31.8	32.2	32.7	33.1	33.6	34.0	34.4	34.9	35.3	36.1	36.9
27.5°	32.1	32.6	33.1	33.5	34.0	34.4	34.9	35.4	36.2	37.1	37.9
26.25°	32.5	33.0	33.5	33.9	34.4	34.9	35.4	36.3	37.1	38.3	40.6
25°	32.8	33.3	33.8	34.3	34.8	35.3	36.2	37.1	38.5	40.9	43.3
23.75°	33.2	33.7	34.2	34.7	35.2	36.1	37.1	38.3	40.9	43.4	46.0
22.5°	33.5	34.0	34.5	35.0	35.9	36.9	37.9	40.6	43.3	46.0	49.0
21.25°	33.8	34.3	34.8	35.5	36.6	37.6	40.1	42.9	45.7	48.8	51.9
20°	34.1	34.6	35.2	36.2	37.2	39.2	42.1	45.0	48.3	51.5	55.2
18.75°	34.4	34.9	35.7	36.8	38.1	41.1	44.1	47.4	50.8	54.3	59.9
17.5°	34.6	35.2	36.3	37.4	39.8	42.9	46.1	49.7	53.1	58.4	71.9
16.25°	34.9	35.7	36.8	38.3	41.5	44.7	48.2	51.9	56.5	67.4	94.4
15°	35.1	36.2	37.3	39.8	43.1	46.5	50.2	54.0	61.0	81.0	123.1
13.75°	35.4	36.6	37.8	41.2	44.5	48.2	52.1	57.2	70.4	104.5	157.4
12.5°	35.8	37.0	39.1	42.5	46.0	49.9	53.8	61.4	84.3	131.4	193.2
11.25°	36.2	37.4	40.2	43.7	47.4	51.4	56.4	69.1	103.6	159.7	227.7
10°	36.5	37.8	41.2	44.7	48.7	52.8	58.8	76.9	124.1	188.4	261.6
8.75°	36.8	38.6	42.1	45.8	49.9	54.1	63.4	91.9	146.1	215.4	292.3
7.5°	37.1	39.3	42.9	46.8	50.9	55.9	68.7	105.0	165.4	239.9	319.3
6.25°	37.3	40.0	43.6	47.6	51.8	57.4	73.1	117.3	184.5	261.9	342.6
5°	37.5	40.5	44.2	48.3	52.5	58.7	78.7	130.3	200.4	280.1	361.9
3.75°	37.6	41.0	44.6	48.8	53.1	59.9	85.6	140.5	212.9	294.4	377.1
2.5°	37.7	41.3	44.9	49.2	53.5	61.9	90.6	147.9	222.0	304.7	388.0
1.25°	37.8	41.4	45.1	49.4	53.7	63.1	93.6	152.3	227.4	310.9	394.6
0°	37.8	41.5	45.2	49.5	53.8	63.5	94.6	153.8	229.2	313.0	396.8
-1.25°	37.8	41.4	45.1	49.4	53.7	63.1	93.6	152.3	227.4	310.9	394.6
-2.5°	37.7	41.3	44.9	49.2	53.5	61.9	90.6	147.9	222.0	304.7	388.0
-3.75°	37.6	41.0	44.6	48.8	53.1	59.9	85.6	140.5	212.9	294.4	377.1
-5°	37.5	40.5	44.2	48.3	52.5	58.7	78.7	130.3	200.4	280.1	361.9
-6.25°	37.3	40.0	43.6	47.6	51.8	57.4	73.1	117.3	184.5	261.9	342.6
-7.5°	37.1	39.3	42.9	46.8	50.9	55.9	68.7	105.0	165.4	239.9	319.3
-8.75°	36.8	38.6	42.1	45.8	49.9	54.1	63.4	91.9	146.1	215.4	292.3
-10°	36.5	37.8	41.2	44.7	48.7	52.8	58.8	76.9	124.1	188.4	261.6
-11.25°	36.2	37.4	40.2	43.7	47.4	51.4	56.4	69.1	103.6	159.7	227.7
-12.5°	35.8	37.0	39.1	42.5	46.0	49.9	53.8	61.4	84.3	131.4	193.2
-13.75°	35.4	36.6	37.8	41.2	44.5	48.2	52.1	57.2	70.4	104.5	157.4
-15°	35.1	36.2	37.3	39.8	43.1	46.5	50.2	54.0	61.0	81.0	123.1
-16.25°	34.9	35.7	36.8	38.3	41.5	44.7	48.2	51.9	56.5	67.4	94.4
-17.5°	34.6	35.2	36.3	37.4	39.8	42.9	46.1	49.7	53.1	58.4	71.9
-18.75°	34.4	34.9	35.7	36.8	38.1	41.1	44.1	47.4	50.8	54.3	59.9
-20°	34.1	34.6	35.2	36.2	37.2	39.2	42.1	45.0	48.3	51.5	55.2
-21.25°	33.8	34.3	34.8	35.5	36.6	37.6	40.1	42.9	45.7	48.8	51.9



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	33.5	34.0	34.5	35.0	35.9	36.9	37.9	40.6	43.3	46.0	49.0
-23.75°	33.2	33.7	34.2	34.7	35.2	36.1	37.1	38.3	40.9	43.4	46.0
-25°	32.8	33.3	33.8	34.3	34.8	35.3	36.2	37.1	38.5	40.9	43.3
-26.25°	32.5	33.0	33.5	33.9	34.4	34.9	35.4	36.3	37.1	38.3	40.6
-27.5°	32.1	32.6	33.1	33.5	34.0	34.4	34.9	35.4	36.2	37.1	37.9
-28.75°	31.8	32.2	32.7	33.1	33.6	34.0	34.4	34.9	35.3	36.1	36.9
-30°	31.4	31.9	32.3	32.7	33.2	33.6	34.0	34.4	34.8	35.2	35.9
-31.25°	31.0	31.5	31.9	32.3	32.7	33.1	33.5	33.9	34.3	34.7	35.0
-32.5°	30.6	31.1	31.5	31.9	32.3	32.7	33.1	33.5	33.8	34.2	34.5
-33.75°	30.2	30.6	31.1	31.5	31.9	32.2	32.6	33.0	33.3	33.7	34.0
-35°	29.9	30.2	30.6	31.0	31.4	31.8	32.1	32.5	32.8	33.2	33.5
-36.25°	29.6	29.9	30.2	30.6	30.9	31.3	31.6	32.0	32.3	32.6	32.9
-37.5°	29.3	29.6	29.8	30.1	30.5	30.8	31.2	31.5	31.8	32.1	32.4
-38.75°	29.1	29.3	29.5	29.8	30.0	30.3	30.7	31.0	31.3	31.6	31.9
-40°	29.1	29.1	29.2	29.4	29.7	29.9	30.2	30.5	30.8	31.1	31.3
-41.25°	29.1	29.1	29.1	29.1	29.3	29.5	29.8	30.0	30.2	30.5	30.8
-42.5°	29.1	29.1	29.1	29.1	29.1	29.2	29.4	29.6	29.8	30.0	30.2
-43.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.4	29.6	29.8
-45°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.4
-46.25°	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-47.5°	28.6	28.8	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-48.75°	28.3	28.5	28.7	28.9	29.0	29.1	29.1	29.1	29.1	29.1	29.1
-50°	27.4	28.0	28.3	28.5	28.7	28.8	29.0	29.1	29.1	29.1	29.1
-51.25°	26.5	27.0	27.5	28.0	28.3	28.5	28.6	28.8	28.9	29.1	29.1
-52.5°	25.5	26.0	26.5	27.0	27.5	27.9	28.3	28.4	28.6	28.7	28.8
-53.75°	24.7	25.1	25.5	26.0	26.4	26.9	27.3	27.7	28.1	28.3	28.4
-55°	23.9	24.3	24.7	25.0	25.4	25.8	26.2	26.6	27.0	27.3	27.7
-56.25°	22.8	23.4	23.8	24.2	24.5	24.9	25.2	25.5	25.8	26.2	26.5
-57.5°	21.5	22.1	22.6	23.2	23.6	23.9	24.2	24.6	24.8	25.1	25.4
-58.75°	20.2	20.8	21.3	21.8	22.3	22.8	23.3	23.6	23.9	24.1	24.4
-60°	18.8	19.4	19.9	20.4	20.9	21.4	21.8	22.2	22.6	23.0	23.4
-61.25°	17.5	18.0	18.5	19.0	19.5	19.9	20.3	20.8	21.1	21.5	21.9
-62.5°	16.2	16.6	17.1	17.6	18.0	18.4	18.8	19.3	19.6	20.0	20.3
-63.75°	15.0	15.4	15.8	16.2	16.5	16.9	17.3	17.7	18.1	18.4	18.8
-65°	13.8	14.2	14.6	14.9	15.3	15.6	15.9	16.2	16.5	16.9	17.2
-66.25°	12.7	13.0	13.4	13.7	14.0	14.3	14.6	14.9	15.2	15.5	15.7
-67.5°	11.7	12.0	12.3	12.6	12.8	13.1	13.3	13.6	13.9	14.1	14.3
-68.75°	10.7	10.9	11.2	11.5	11.7	12.0	12.2	12.4	12.6	12.8	13.0
-70°	10.0	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9
-71.25°	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.7
-72.5°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.6	9.7	9.8	9.9
-73.75°	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.1
-75°	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.7
-76.25°	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.2	8.3
-77.5°	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.5	7.6	7.6	7.7



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	6.4	6.4	6.5	6.6	6.7	6.8	6.9	6.9	7.0	7.0	7.1
-80°	5.7	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4
-81.25°	5.0	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6
-82.5°	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8
-83.75°	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0
-85°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
-86.25°	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
-88.75°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
86.25°	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4
85°	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
83.75°	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3
82.5°	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
81.25°	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0
80°	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8
78.75°	7.1	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.5	7.5
77.5°	7.8	7.8	7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1
76.25°	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6
75°	8.7	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0	9.0
73.75°	9.2	9.3	9.4	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.9
72.5°	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.7
71.25°	10.9	11.0	11.1	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0
70°	12.0	12.2	12.4	12.5	12.6	12.8	12.9	13.0	13.1	13.2	13.2
68.75°	13.2	13.4	13.6	13.8	13.9	14.1	14.2	14.4	14.5	14.6	14.7
67.5°	14.6	14.8	15.0	15.2	15.4	15.5	15.7	15.8	16.0	16.1	16.2
66.25°	16.0	16.2	16.4	16.6	16.8	17.1	17.2	17.4	17.6	17.7	17.8
65°	17.5	17.8	18.0	18.3	18.5	18.7	18.9	19.1	19.3	19.4	19.6
63.75°	19.1	19.4	19.7	19.9	20.2	20.4	20.6	20.8	21.0	21.1	21.3
62.5°	20.7	21.0	21.3	21.5	21.8	22.0	22.2	22.4	22.6	22.8	22.9
61.25°	22.2	22.5	22.8	23.1	23.4	23.6	23.7	23.8	24.0	24.1	24.2
60°	23.6	23.9	24.1	24.3	24.4	24.6	24.8	24.9	25.0	25.2	25.3
58.75°	24.6	24.9	25.1	25.3	25.5	25.7	25.9	26.0	26.2	26.4	26.5
57.5°	25.7	25.9	26.2	26.5	26.7	26.9	27.1	27.3	27.5	27.6	27.8
56.25°	26.8	27.1	27.4	27.7	27.9	28.2	28.3	28.3	28.4	28.4	28.5
55°	28.0	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.8	28.9	28.9
53.75°	28.5	28.7	28.8	28.9	29.0	29.0	29.1	29.1	29.1	29.1	29.1
52.5°	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
51.25°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
50°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
48.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.3	29.3
47.5°	29.1	29.1	29.1	29.1	29.3	29.4	29.5	29.6	29.6	29.7	29.8
46.25°	29.1	29.3	29.4	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3
45°	29.5	29.7	29.8	30.0	30.1	30.3	30.5	30.6	30.7	30.9	31.0
43.75°	29.9	30.1	30.3	30.5	30.7	30.9	31.1	31.2	31.4	31.5	31.6
42.5°	30.5	30.7	30.9	31.1	31.3	31.5	31.7	31.8	32.0	32.1	32.2
41.25°	31.0	31.3	31.5	31.7	31.9	32.1	32.3	32.5	32.6	32.7	32.9
40°	31.6	31.8	32.1	32.3	32.5	32.7	32.9	33.1	33.2	33.4	33.5
38.75°	32.1	32.4	32.7	32.9	33.1	33.3	33.5	33.7	33.8	34.0	34.1
37.5°	32.7	33.0	33.2	33.5	33.7	33.9	34.1	34.3	34.5	34.6	34.8
36.25°	33.2	33.5	33.8	34.0	34.3	34.5	34.7	34.9	35.1	35.3	35.6
35°	33.8	34.1	34.4	34.6	34.9	35.1	35.4	35.8	36.2	36.5	36.8



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	34.3	34.6	34.9	35.2	35.7	36.2	36.6	37.0	37.4	37.8	38.6
32.5°	34.8	35.2	35.7	36.3	36.8	37.3	37.8	39.1	40.2	41.2	42.1
31.25°	35.5	36.2	36.8	37.4	38.3	39.8	41.2	42.5	43.7	44.7	45.8
30°	36.6	37.2	38.1	39.8	41.5	43.1	44.5	46.0	47.4	48.7	49.9
28.75°	37.6	39.2	41.1	42.9	44.7	46.5	48.2	49.9	51.4	52.8	54.1
27.5°	40.1	42.1	44.1	46.1	48.2	50.2	52.1	53.8	56.4	58.8	63.4
26.25°	42.9	45.0	47.4	49.7	51.9	54.0	57.2	61.4	69.1	76.9	91.9
25°	45.7	48.3	50.8	53.1	56.5	61.0	70.4	84.3	103.6	124.1	146.1
23.75°	48.8	51.5	54.3	58.4	67.4	81.0	104.5	131.4	159.7	188.4	215.4
22.5°	51.9	55.2	59.9	71.9	94.4	123.1	157.4	193.2	227.7	261.6	292.3
21.25°	55.5	61.7	74.7	103.5	139.3	179.0	220.7	262.3	301.5	337.4	369.7
20°	61.7	75.8	108.0	149.1	194.6	241.7	288.9	333.2	374.4	406.3	427.2
18.75°	74.7	108.0	152.4	202.4	254.8	306.8	356.3	400.5	427.1	451.5	473.7
17.5°	103.5	149.1	202.4	259.2	315.9	370.3	412.3	442.2	470.3	496.1	515.7
16.25°	139.3	194.6	254.8	315.9	375.0	418.3	451.5	483.0	509.9	532.0	556.2
15°	179.0	241.7	306.8	370.3	418.3	454.6	489.4	518.0	545.4	573.9	603.7
13.75°	220.7	288.9	356.3	412.3	451.5	489.4	520.7	552.2	586.1	621.6	664.3
12.5°	262.3	333.2	400.5	442.2	483.0	518.0	552.2	590.3	633.2	683.8	751.5
11.25°	301.5	374.4	427.1	470.3	509.9	545.4	586.1	633.2	692.9	770.7	860.5
10°	337.4	406.3	451.5	496.1	532.0	573.9	621.6	683.8	770.7	873.1	995.0
8.75°	369.7	427.2	473.7	515.7	556.2	603.7	664.3	751.5	860.5	995.0	1156.3
7.5°	397.8	445.8	493.4	532.6	578.9	634.7	714.0	823.1	960.1	1132.3	1350.2
6.25°	412.8	461.8	508.3	550.3	600.7	666.2	764.3	892.1	1061.7	1280.5	1572.6
5°	425.3	475.1	519.7	565.1	619.3	698.8	815.3	966.9	1166.2	1436.9	1809.0
3.75°	435.2	485.6	528.7	577.5	638.8	730.2	857.6	1027.1	1261.1	1595.7	2048.2
2.5°	442.3	493.2	535.9	587.3	653.0	753.0	889.5	1081.8	1346.2	1725.6	2232.6
1.25°	446.6	497.8	540.7	593.2	661.6	766.8	914.0	1116.3	1398.4	1805.8	2357.8
0°	448.1	499.3	542.3	595.2	664.5	771.5	922.2	1128.0	1416.0	1833.0	2402.5
-1.25°	446.6	497.8	540.7	593.2	661.6	766.8	914.0	1116.3	1398.4	1805.8	2357.8
-2.5°	442.3	493.2	535.9	587.3	653.0	753.0	889.5	1081.8	1346.2	1725.6	2232.6
-3.75°	435.2	485.6	528.7	577.5	638.8	730.2	857.6	1027.1	1261.1	1595.7	2048.2
-5°	425.3	475.1	519.7	565.1	619.3	698.8	815.3	966.9	1166.2	1436.9	1809.0
-6.25°	412.8	461.8	508.3	550.3	600.7	666.2	764.3	892.1	1061.7	1280.5	1572.6
-7.5°	397.8	445.8	493.4	532.6	578.9	634.7	714.0	823.1	960.1	1132.3	1350.2
-8.75°	369.7	427.2	473.7	515.7	556.2	603.7	664.3	751.5	860.5	995.0	1156.3
-10°	337.4	406.3	451.5	496.1	532.0	573.9	621.6	683.8	770.7	873.1	995.0
-11.25°	301.5	374.4	427.1	470.3	509.9	545.4	586.1	633.2	692.9	770.7	860.5
-12.5°	262.3	333.2	400.5	442.2	483.0	518.0	552.2	590.3	633.2	683.8	751.5
-13.75°	220.7	288.9	356.3	412.3	451.5	489.4	520.7	552.2	586.1	621.6	664.3
-15°	179.0	241.7	306.8	370.3	418.3	454.6	489.4	518.0	545.4	573.9	603.7
-16.25°	139.3	194.6	254.8	315.9	375.0	418.3	451.5	483.0	509.9	532.0	556.2
-17.5°	103.5	149.1	202.4	259.2	315.9	370.3	412.3	442.2	470.3	496.1	515.7
-18.75°	74.7	108.0	152.4	202.4	254.8	306.8	356.3	400.5	427.1	451.5	473.7
-20°	61.7	75.8	108.0	149.1	194.6	241.7	288.9	333.2	374.4	406.3	427.2
-21.25°	55.5	61.7	74.7	103.5	139.3	179.0	220.7	262.3	301.5	337.4	369.7



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	51.9	55.2	59.9	71.9	94.4	123.1	157.4	193.2	227.7	261.6	292.3
-23.75°	48.8	51.5	54.3	58.4	67.4	81.0	104.5	131.4	159.7	188.4	215.4
-25°	45.7	48.3	50.8	53.1	56.5	61.0	70.4	84.3	103.6	124.1	146.1
-26.25°	42.9	45.0	47.4	49.7	51.9	54.0	57.2	61.4	69.1	76.9	91.9
-27.5°	40.1	42.1	44.1	46.1	48.2	50.2	52.1	53.8	56.4	58.8	63.4
-28.75°	37.6	39.2	41.1	42.9	44.7	46.5	48.2	49.9	51.4	52.8	54.1
-30°	36.6	37.2	38.1	39.8	41.5	43.1	44.5	46.0	47.4	48.7	49.9
-31.25°	35.5	36.2	36.8	37.4	38.3	39.8	41.2	42.5	43.7	44.7	45.8
-32.5°	34.8	35.2	35.7	36.3	36.8	37.3	37.8	39.1	40.2	41.2	42.1
-33.75°	34.3	34.6	34.9	35.2	35.7	36.2	36.6	37.0	37.4	37.8	38.6
-35°	33.8	34.1	34.4	34.6	34.9	35.1	35.4	35.8	36.2	36.5	36.8
-36.25°	33.2	33.5	33.8	34.0	34.3	34.5	34.7	34.9	35.1	35.3	35.6
-37.5°	32.7	33.0	33.2	33.5	33.7	33.9	34.1	34.3	34.5	34.6	34.8
-38.75°	32.1	32.4	32.7	32.9	33.1	33.3	33.5	33.7	33.8	34.0	34.1
-40°	31.6	31.8	32.1	32.3	32.5	32.7	32.9	33.1	33.2	33.4	33.5
-41.25°	31.0	31.3	31.5	31.7	31.9	32.1	32.3	32.5	32.6	32.7	32.9
-42.5°	30.5	30.7	30.9	31.1	31.3	31.5	31.7	31.8	32.0	32.1	32.2
-43.75°	29.9	30.1	30.3	30.5	30.7	30.9	31.1	31.2	31.4	31.5	31.6
-45°	29.5	29.7	29.8	30.0	30.1	30.3	30.5	30.6	30.7	30.9	31.0
-46.25°	29.1	29.3	29.4	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3
-47.5°	29.1	29.1	29.1	29.1	29.3	29.4	29.5	29.6	29.6	29.7	29.8
-48.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.3	29.3
-50°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-51.25°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-52.5°	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-53.75°	28.5	28.7	28.8	28.9	29.0	29.0	29.1	29.1	29.1	29.1	29.1
-55°	28.0	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.8	28.9	28.9
-56.25°	26.8	27.1	27.4	27.7	27.9	28.2	28.3	28.3	28.4	28.4	28.5
-57.5°	25.7	25.9	26.2	26.5	26.7	26.9	27.1	27.3	27.5	27.6	27.8
-58.75°	24.6	24.9	25.1	25.3	25.5	25.7	25.9	26.0	26.2	26.4	26.5
-60°	23.6	23.9	24.1	24.3	24.4	24.6	24.8	24.9	25.0	25.2	25.3
-61.25°	22.2	22.5	22.8	23.1	23.4	23.6	23.7	23.8	24.0	24.1	24.2
-62.5°	20.7	21.0	21.3	21.5	21.8	22.0	22.2	22.4	22.6	22.8	22.9
-63.75°	19.1	19.4	19.7	19.9	20.2	20.4	20.6	20.8	21.0	21.1	21.3
-65°	17.5	17.8	18.0	18.3	18.5	18.7	18.9	19.1	19.3	19.4	19.6
-66.25°	16.0	16.2	16.4	16.6	16.8	17.1	17.2	17.4	17.6	17.7	17.8
-67.5°	14.6	14.8	15.0	15.2	15.4	15.5	15.7	15.8	16.0	16.1	16.2
-68.75°	13.2	13.4	13.6	13.8	13.9	14.1	14.2	14.4	14.5	14.6	14.7
-70°	12.0	12.2	12.4	12.5	12.6	12.8	12.9	13.0	13.1	13.2	13.2
-71.25°	10.9	11.0	11.1	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0
-72.5°	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.7
-73.75°	9.2	9.3	9.4	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.9
-75°	8.7	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0	9.0
-76.25°	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6
-77.5°	7.8	7.8	7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	7.1	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.5	7.5
-80°	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8
-81.25°	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0
-82.5°	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
-83.75°	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3
-85°	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4
-86.25°	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4
-87.5°	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
86.25°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
83.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
82.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
81.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
80°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
78.75°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
77.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
76.25°	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.6	8.6	8.6	8.6
75°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
73.75°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
72.5°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
71.25°	12.0	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1
70°	13.3	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
68.75°	14.8	14.8	14.9	14.9	15.0	15.0	15.0	15.0	15.0	14.9	14.9
67.5°	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.4	16.4
66.25°	17.9	18.0	18.1	18.2	18.2	18.2	18.3	18.2	18.2	18.2	18.1
65°	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
63.75°	21.4	21.5	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.6	21.6
62.5°	23.1	23.2	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.3	23.2
61.25°	24.3	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.4	24.4
60°	25.4	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.5	25.5
58.75°	26.6	26.7	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.8	26.8
57.5°	27.9	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.1	28.1
56.25°	28.5	28.6	28.6	28.6	28.6	28.6	28.7	28.6	28.6	28.6	28.6
55°	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0
53.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
52.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
51.25°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
50°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
48.75°	29.4	29.4	29.5	29.5	29.5	29.5	29.6	29.5	29.5	29.5	29.5
47.5°	29.8	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.9
46.25°	30.4	30.5	30.5	30.6	30.6	30.6	30.7	30.6	30.6	30.6	30.5
45°	31.0	31.1	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.2	31.2
43.75°	31.7	31.8	31.8	31.9	31.9	31.9	32.0	31.9	31.9	31.9	31.8
42.5°	32.3	32.4	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.5	32.5
41.25°	33.0	33.0	33.1	33.2	33.2	33.2	33.3	33.2	33.2	33.2	33.1
40°	33.6	33.7	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.8	33.8
38.75°	34.2	34.3	34.4	34.5	34.5	34.5	34.6	34.5	34.5	34.5	34.4
37.5°	34.9	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.1
36.25°	35.8	36.0	36.2	36.3	36.4	36.5	36.5	36.5	36.4	36.3	36.2
35°	37.1	37.3	37.5	37.6	37.7	37.8	37.8	37.8	37.7	37.6	37.5

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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	39.3	40.0	40.5	41.0	41.3	41.4	41.5	41.4	41.3	41.0	40.5
32.5°	42.9	43.6	44.2	44.6	44.9	45.1	45.2	45.1	44.9	44.6	44.2
31.25°	46.8	47.6	48.3	48.8	49.2	49.4	49.5	49.4	49.2	48.8	48.3
30°	50.9	51.8	52.5	53.1	53.5	53.7	53.8	53.7	53.5	53.1	52.5
28.75°	55.9	57.4	58.7	59.9	61.9	63.1	63.5	63.1	61.9	59.9	58.7
27.5°	68.7	73.1	78.7	85.6	90.6	93.6	94.6	93.6	90.6	85.6	78.7
26.25°	105.0	117.3	130.3	140.5	147.9	152.3	153.8	152.3	147.9	140.5	130.3
25°	165.4	184.5	200.4	212.9	222.0	227.4	229.2	227.4	222.0	212.9	200.4
23.75°	239.9	261.9	280.1	294.4	304.7	310.9	313.0	310.9	304.7	294.4	280.1
22.5°	319.3	342.6	361.9	377.1	388.0	394.6	396.8	394.6	388.0	377.1	361.9
21.25°	397.8	412.8	425.3	435.2	442.3	446.6	448.1	446.6	442.3	435.2	425.3
20°	445.8	461.8	475.1	485.6	493.2	497.8	499.3	497.8	493.2	485.6	475.1
18.75°	493.4	508.3	519.7	528.7	535.9	540.7	542.3	540.7	535.9	528.7	519.7
17.5°	532.6	550.3	565.1	577.5	587.3	593.2	595.2	593.2	587.3	577.5	565.1
16.25°	578.9	600.7	619.3	638.8	653.0	661.6	664.5	661.6	653.0	638.8	619.3
15°	634.7	666.2	698.8	730.2	753.0	766.8	771.5	766.8	753.0	730.2	698.8
13.75°	714.0	764.3	815.3	857.6	889.5	914.0	922.2	914.0	889.5	857.6	815.3
12.5°	823.1	892.1	966.9	1027.1	1081.8	1116.3	1128.0	1116.3	1081.8	1027.1	966.9
11.25°	960.1	1061.7	1166.2	1261.1	1346.2	1398.4	1416.0	1398.4	1346.2	1261.1	1166.2
10°	1132.3	1280.5	1436.9	1595.7	1725.6	1805.8	1833.0	1805.8	1725.6	1595.7	1436.9
8.75°	1350.2	1572.6	1809.0	2048.2	2232.6	2357.8	2402.5	2357.8	2232.6	2048.2	1809.0
7.5°	1624.5	1943.1	2273.2	2589.7	2834.9	2997.9	3053.7	2997.9	2834.9	2589.7	2273.2
6.25°	1943.1	2361.9	2783.7	3170.3	3469.9	3661.1	3727.3	3661.1	3469.9	3170.3	2783.7
5°	2273.2	2783.7	3288.7	3728.8	4072.1	4295.1	4373.7	4295.1	4072.1	3728.8	3288.7
3.75°	2589.7	3170.3	3728.8	4219.3	4594.6	4838.5	4913.5	4838.5	4594.6	4219.3	3728.8
2.5°	2834.9	3469.9	4072.1	4594.6	4993.1	5247.6	5328.8	5247.6	4993.1	4594.6	4072.1
1.25°	2997.9	3661.1	4295.1	4838.5	5247.6	5506.8	5596.7	5506.8	5247.6	4838.5	4295.1
0°	3053.7	3727.3	4373.7	4913.5	5328.8	5596.7	5714.8	5596.7	5328.8	4913.5	4373.7
-1.25°	2997.9	3661.1	4295.1	4838.5	5247.6	5506.8	5596.7	5506.8	5247.6	4838.5	4295.1
-2.5°	2834.9	3469.9	4072.1	4594.6	4993.1	5247.6	5328.8	5247.6	4993.1	4594.6	4072.1
-3.75°	2589.7	3170.3	3728.8	4219.3	4594.6	4838.5	4913.5	4838.5	4594.6	4219.3	3728.8
-5°	2273.2	2783.7	3288.7	3728.8	4072.1	4295.1	4373.7	4295.1	4072.1	3728.8	3288.7
-6.25°	1943.1	2361.9	2783.7	3170.3	3469.9	3661.1	3727.3	3661.1	3469.9	3170.3	2783.7
-7.5°	1624.5	1943.1	2273.2	2589.7	2834.9	2997.9	3053.7	2997.9	2834.9	2589.7	2273.2
-8.75°	1350.2	1572.6	1809.0	2048.2	2232.6	2357.8	2402.5	2357.8	2232.6	2048.2	1809.0
-10°	1132.3	1280.5	1436.9	1595.7	1725.6	1805.8	1833.0	1805.8	1725.6	1595.7	1436.9
-11.25°	960.1	1061.7	1166.2	1261.1	1346.2	1398.4	1416.0	1398.4	1346.2	1261.1	1166.2
-12.5°	823.1	892.1	966.9	1027.1	1081.8	1116.3	1128.0	1116.3	1081.8	1027.1	966.9
-13.75°	714.0	764.3	815.3	857.6	889.5	914.0	922.2	914.0	889.5	857.6	815.3
-15°	634.7	666.2	698.8	730.2	753.0	766.8	771.5	766.8	753.0	730.2	698.8
-16.25°	578.9	600.7	619.3	638.8	653.0	661.6	664.5	661.6	653.0	638.8	619.3
-17.5°	532.6	550.3	565.1	577.5	587.3	593.2	595.2	593.2	587.3	577.5	565.1
-18.75°	493.4	508.3	519.7	528.7	535.9	540.7	542.3	540.7	535.9	528.7	519.7
-20°	445.8	461.8	475.1	485.6	493.2	497.8	499.3	497.8	493.2	485.6	475.1
-21.25°	397.8	412.8	425.3	435.2	442.3	446.6	448.1	446.6	442.3	435.2	425.3



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	319.3	342.6	361.9	377.1	388.0	394.6	396.8	394.6	388.0	377.1	361.9
-23.75°	239.9	261.9	280.1	294.4	304.7	310.9	313.0	310.9	304.7	294.4	280.1
-25°	165.4	184.5	200.4	212.9	222.0	227.4	229.2	227.4	222.0	212.9	200.4
-26.25°	105.0	117.3	130.3	140.5	147.9	152.3	153.8	152.3	147.9	140.5	130.3
-27.5°	68.7	73.1	78.7	85.6	90.6	93.6	94.6	93.6	90.6	85.6	78.7
-28.75°	55.9	57.4	58.7	59.9	61.9	63.1	63.5	63.1	61.9	59.9	58.7
-30°	50.9	51.8	52.5	53.1	53.5	53.7	53.8	53.7	53.5	53.1	52.5
-31.25°	46.8	47.6	48.3	48.8	49.2	49.4	49.5	49.4	49.2	48.8	48.3
-32.5°	42.9	43.6	44.2	44.6	44.9	45.1	45.2	45.1	44.9	44.6	44.2
-33.75°	39.3	40.0	40.5	41.0	41.3	41.4	41.5	41.4	41.3	41.0	40.5
-35°	37.1	37.3	37.5	37.6	37.7	37.8	37.8	37.8	37.7	37.6	37.5
-36.25°	35.8	36.0	36.2	36.3	36.4	36.5	36.5	36.5	36.4	36.3	36.2
-37.5°	34.9	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.1
-38.75°	34.2	34.3	34.4	34.5	34.5	34.5	34.6	34.5	34.5	34.5	34.4
-40°	33.6	33.7	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.8	33.8
-41.25°	33.0	33.0	33.1	33.2	33.2	33.2	33.3	33.2	33.2	33.2	33.1
-42.5°	32.3	32.4	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.5	32.5
-43.75°	31.7	31.8	31.8	31.9	31.9	31.9	32.0	31.9	31.9	31.9	31.8
-45°	31.0	31.1	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.2	31.2
-46.25°	30.4	30.5	30.5	30.6	30.6	30.6	30.7	30.6	30.6	30.6	30.5
-47.5°	29.8	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	29.9
-48.75°	29.4	29.4	29.5	29.5	29.5	29.5	29.6	29.5	29.5	29.5	29.5
-50°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-51.25°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-52.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-53.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-55°	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0
-56.25°	28.5	28.6	28.6	28.6	28.6	28.6	28.7	28.6	28.6	28.6	28.6
-57.5°	27.9	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.1	28.1
-58.75°	26.6	26.7	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.8	26.8
-60°	25.4	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.5	25.5
-61.25°	24.3	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.4	24.4
-62.5°	23.1	23.2	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.3	23.2
-63.75°	21.4	21.5	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.6	21.6
-65°	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-66.25°	17.9	18.0	18.1	18.2	18.2	18.2	18.3	18.2	18.2	18.2	18.1
-67.5°	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.4	16.4
-68.75°	14.8	14.8	14.9	14.9	15.0	15.0	15.0	15.0	15.0	14.9	14.9
-70°	13.3	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
-71.25°	12.0	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1
-72.5°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
-73.75°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
-75°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-76.25°	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.6	8.6	8.6	8.6
-77.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
-80°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-81.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
-82.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
-83.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
-85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-86.25°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
86.25°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2
85°	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
83.75°	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1
82.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
81.25°	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.7
80°	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.5
78.75°	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2
77.5°	8.2	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8
76.25°	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4
75°	9.1	9.1	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8
73.75°	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.4	9.4
72.5°	10.8	10.8	10.7	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2
71.25°	12.1	12.0	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.1
70°	13.4	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.6	12.5	12.4
68.75°	14.8	14.8	14.7	14.6	14.5	14.4	14.2	14.1	13.9	13.8	13.6
67.5°	16.3	16.3	16.2	16.1	16.0	15.8	15.7	15.5	15.4	15.2	15.0
66.25°	18.0	17.9	17.8	17.7	17.6	17.4	17.2	17.1	16.8	16.6	16.4
65°	19.8	19.7	19.6	19.4	19.3	19.1	18.9	18.7	18.5	18.3	18.0
63.75°	21.5	21.4	21.3	21.1	21.0	20.8	20.6	20.4	20.2	19.9	19.7
62.5°	23.2	23.1	22.9	22.8	22.6	22.4	22.2	22.0	21.8	21.5	21.3
61.25°	24.3	24.3	24.2	24.1	24.0	23.8	23.7	23.6	23.4	23.1	22.8
60°	25.4	25.4	25.3	25.2	25.0	24.9	24.8	24.6	24.4	24.3	24.1
58.75°	26.7	26.6	26.5	26.4	26.2	26.0	25.9	25.7	25.5	25.3	25.1
57.5°	28.0	27.9	27.8	27.6	27.5	27.3	27.1	26.9	26.7	26.5	26.2
56.25°	28.6	28.5	28.5	28.4	28.4	28.3	28.3	28.2	27.9	27.7	27.4
55°	29.0	29.0	28.9	28.9	28.8	28.8	28.7	28.6	28.5	28.4	28.3
53.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0	29.0	28.9	28.8
52.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
51.25°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
50°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
48.75°	29.4	29.4	29.3	29.3	29.2	29.1	29.1	29.1	29.1	29.1	29.1
47.5°	29.9	29.8	29.8	29.7	29.6	29.6	29.5	29.4	29.3	29.1	29.1
46.25°	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.7	29.6	29.4
45°	31.1	31.0	31.0	30.9	30.7	30.6	30.5	30.3	30.1	30.0	29.8
43.75°	31.8	31.7	31.6	31.5	31.4	31.2	31.1	30.9	30.7	30.5	30.3
42.5°	32.4	32.3	32.2	32.1	32.0	31.8	31.7	31.5	31.3	31.1	30.9
41.25°	33.0	33.0	32.9	32.7	32.6	32.5	32.3	32.1	31.9	31.7	31.5
40°	33.7	33.6	33.5	33.4	33.2	33.1	32.9	32.7	32.5	32.3	32.1
38.75°	34.3	34.2	34.1	34.0	33.8	33.7	33.5	33.3	33.1	32.9	32.7
37.5°	35.0	34.9	34.8	34.6	34.5	34.3	34.1	33.9	33.7	33.5	33.2
36.25°	36.0	35.8	35.6	35.3	35.1	34.9	34.7	34.5	34.3	34.0	33.8
35°	37.3	37.1	36.8	36.5	36.2	35.8	35.4	35.1	34.9	34.6	34.4



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	40.0	39.3	38.6	37.8	37.4	37.0	36.6	36.2	35.7	35.2	34.9
32.5°	43.6	42.9	42.1	41.2	40.2	39.1	37.8	37.3	36.8	36.3	35.7
31.25°	47.6	46.8	45.8	44.7	43.7	42.5	41.2	39.8	38.3	37.4	36.8
30°	51.8	50.9	49.9	48.7	47.4	46.0	44.5	43.1	41.5	39.8	38.1
28.75°	57.4	55.9	54.1	52.8	51.4	49.9	48.2	46.5	44.7	42.9	41.1
27.5°	73.1	68.7	63.4	58.8	56.4	53.8	52.1	50.2	48.2	46.1	44.1
26.25°	117.3	105.0	91.9	76.9	69.1	61.4	57.2	54.0	51.9	49.7	47.4
25°	184.5	165.4	146.1	124.1	103.6	84.3	70.4	61.0	56.5	53.1	50.8
23.75°	261.9	239.9	215.4	188.4	159.7	131.4	104.5	81.0	67.4	58.4	54.3
22.5°	342.6	319.3	292.3	261.6	227.7	193.2	157.4	123.1	94.4	71.9	59.9
21.25°	412.8	397.8	369.7	337.4	301.5	262.3	220.7	179.0	139.3	103.5	74.7
20°	461.8	445.8	427.2	406.3	374.4	333.2	288.9	241.7	194.6	149.1	108.0
18.75°	508.3	493.4	473.7	451.5	427.1	400.5	356.3	306.8	254.8	202.4	152.4
17.5°	550.3	532.6	515.7	496.1	470.3	442.2	412.3	370.3	315.9	259.2	202.4
16.25°	600.7	578.9	556.2	532.0	509.9	483.0	451.5	418.3	375.0	315.9	254.8
15°	666.2	634.7	603.7	573.9	545.4	518.0	489.4	454.6	418.3	370.3	306.8
13.75°	764.3	714.0	664.3	621.6	586.1	552.2	520.7	489.4	451.5	412.3	356.3
12.5°	892.1	823.1	751.5	683.8	633.2	590.3	552.2	518.0	483.0	442.2	400.5
11.25°	1061.7	960.1	860.5	770.7	692.9	633.2	586.1	545.4	509.9	470.3	427.1
10°	1280.5	1132.3	995.0	873.1	770.7	683.8	621.6	573.9	532.0	496.1	451.5
8.75°	1572.6	1350.2	1156.3	995.0	860.5	751.5	664.3	603.7	556.2	515.7	473.7
7.5°	1943.1	1624.5	1350.2	1132.3	960.1	823.1	714.0	634.7	578.9	532.6	493.4
6.25°	2361.9	1943.1	1572.6	1280.5	1061.7	892.1	764.3	666.2	600.7	550.3	508.3
5°	2783.7	2273.2	1809.0	1436.9	1166.2	966.9	815.3	698.8	619.3	565.1	519.7
3.75°	3170.3	2589.7	2048.2	1595.7	1261.1	1027.1	857.6	730.2	638.8	577.5	528.7
2.5°	3469.9	2834.9	2232.6	1725.6	1346.2	1081.8	889.5	753.0	653.0	587.3	535.9
1.25°	3661.1	2997.9	2357.8	1805.8	1398.4	1116.3	914.0	766.8	661.6	593.2	540.7
0°	3727.3	3053.7	2402.5	1833.0	1416.0	1128.0	922.2	771.5	664.5	595.2	542.3
-1.25°	3661.1	2997.9	2357.8	1805.8	1398.4	1116.3	914.0	766.8	661.6	593.2	540.7
-2.5°	3469.9	2834.9	2232.6	1725.6	1346.2	1081.8	889.5	753.0	653.0	587.3	535.9
-3.75°	3170.3	2589.7	2048.2	1595.7	1261.1	1027.1	857.6	730.2	638.8	577.5	528.7
-5°	2783.7	2273.2	1809.0	1436.9	1166.2	966.9	815.3	698.8	619.3	565.1	519.7
-6.25°	2361.9	1943.1	1572.6	1280.5	1061.7	892.1	764.3	666.2	600.7	550.3	508.3
-7.5°	1943.1	1624.5	1350.2	1132.3	960.1	823.1	714.0	634.7	578.9	532.6	493.4
-8.75°	1572.6	1350.2	1156.3	995.0	860.5	751.5	664.3	603.7	556.2	515.7	473.7
-10°	1280.5	1132.3	995.0	873.1	770.7	683.8	621.6	573.9	532.0	496.1	451.5
-11.25°	1061.7	960.1	860.5	770.7	692.9	633.2	586.1	545.4	509.9	470.3	427.1
-12.5°	892.1	823.1	751.5	683.8	633.2	590.3	552.2	518.0	483.0	442.2	400.5
-13.75°	764.3	714.0	664.3	621.6	586.1	552.2	520.7	489.4	451.5	412.3	356.3
-15°	666.2	634.7	603.7	573.9	545.4	518.0	489.4	454.6	418.3	370.3	306.8
-16.25°	600.7	578.9	556.2	532.0	509.9	483.0	451.5	418.3	375.0	315.9	254.8
-17.5°	550.3	532.6	515.7	496.1	470.3	442.2	412.3	370.3	315.9	259.2	202.4
-18.75°	508.3	493.4	473.7	451.5	427.1	400.5	356.3	306.8	254.8	202.4	152.4
-20°	461.8	445.8	427.2	406.3	374.4	333.2	288.9	241.7	194.6	149.1	108.0
-21.25°	412.8	397.8	369.7	337.4	301.5	262.3	220.7	179.0	139.3	103.5	74.7



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	342.6	319.3	292.3	261.6	227.7	193.2	157.4	123.1	94.4	71.9	59.9
-23.75°	261.9	239.9	215.4	188.4	159.7	131.4	104.5	81.0	67.4	58.4	54.3
-25°	184.5	165.4	146.1	124.1	103.6	84.3	70.4	61.0	56.5	53.1	50.8
-26.25°	117.3	105.0	91.9	76.9	69.1	61.4	57.2	54.0	51.9	49.7	47.4
-27.5°	73.1	68.7	63.4	58.8	56.4	53.8	52.1	50.2	48.2	46.1	44.1
-28.75°	57.4	55.9	54.1	52.8	51.4	49.9	48.2	46.5	44.7	42.9	41.1
-30°	51.8	50.9	49.9	48.7	47.4	46.0	44.5	43.1	41.5	39.8	38.1
-31.25°	47.6	46.8	45.8	44.7	43.7	42.5	41.2	39.8	38.3	37.4	36.8
-32.5°	43.6	42.9	42.1	41.2	40.2	39.1	37.8	37.3	36.8	36.3	35.7
-33.75°	40.0	39.3	38.6	37.8	37.4	37.0	36.6	36.2	35.7	35.2	34.9
-35°	37.3	37.1	36.8	36.5	36.2	35.8	35.4	35.1	34.9	34.6	34.4
-36.25°	36.0	35.8	35.6	35.3	35.1	34.9	34.7	34.5	34.3	34.0	33.8
-37.5°	35.0	34.9	34.8	34.6	34.5	34.3	34.1	33.9	33.7	33.5	33.2
-38.75°	34.3	34.2	34.1	34.0	33.8	33.7	33.5	33.3	33.1	32.9	32.7
-40°	33.7	33.6	33.5	33.4	33.2	33.1	32.9	32.7	32.5	32.3	32.1
-41.25°	33.0	33.0	32.9	32.7	32.6	32.5	32.3	32.1	31.9	31.7	31.5
-42.5°	32.4	32.3	32.2	32.1	32.0	31.8	31.7	31.5	31.3	31.1	30.9
-43.75°	31.8	31.7	31.6	31.5	31.4	31.2	31.1	30.9	30.7	30.5	30.3
-45°	31.1	31.0	31.0	30.9	30.7	30.6	30.5	30.3	30.1	30.0	29.8
-46.25°	30.5	30.4	30.3	30.2	30.1	30.0	29.9	29.8	29.7	29.6	29.4
-47.5°	29.9	29.8	29.8	29.7	29.6	29.6	29.5	29.4	29.3	29.1	29.1
-48.75°	29.4	29.4	29.3	29.3	29.2	29.1	29.1	29.1	29.1	29.1	29.1
-50°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-51.25°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-52.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-53.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0	29.0	28.9	28.8
-55°	29.0	29.0	28.9	28.9	28.8	28.8	28.7	28.6	28.5	28.4	28.3
-56.25°	28.6	28.5	28.5	28.4	28.4	28.3	28.3	28.2	27.9	27.7	27.4
-57.5°	28.0	27.9	27.8	27.6	27.5	27.3	27.1	26.9	26.7	26.5	26.2
-58.75°	26.7	26.6	26.5	26.4	26.2	26.0	25.9	25.7	25.5	25.3	25.1
-60°	25.4	25.4	25.3	25.2	25.0	24.9	24.8	24.6	24.4	24.3	24.1
-61.25°	24.3	24.3	24.2	24.1	24.0	23.8	23.7	23.6	23.4	23.1	22.8
-62.5°	23.2	23.1	22.9	22.8	22.6	22.4	22.2	22.0	21.8	21.5	21.3
-63.75°	21.5	21.4	21.3	21.1	21.0	20.8	20.6	20.4	20.2	19.9	19.7
-65°	19.8	19.7	19.6	19.4	19.3	19.1	18.9	18.7	18.5	18.3	18.0
-66.25°	18.0	17.9	17.8	17.7	17.6	17.4	17.2	17.1	16.8	16.6	16.4
-67.5°	16.3	16.3	16.2	16.1	16.0	15.8	15.7	15.5	15.4	15.2	15.0
-68.75°	14.8	14.8	14.7	14.6	14.5	14.4	14.2	14.1	13.9	13.8	13.6
-70°	13.4	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.6	12.5	12.4
-71.25°	12.1	12.0	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.1
-72.5°	10.8	10.8	10.7	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2
-73.75°	9.9	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5	9.4	9.4
-75°	9.1	9.1	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8
-76.25°	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4
-77.5°	8.2	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2
-80°	6.9	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.5
-81.25°	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8	5.7
-82.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
-83.75°	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1
-85°	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
-86.25°	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2
-87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
86.25°	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9
85°	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
83.75°	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7
82.5°	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4
81.25°	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1
80°	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9	5.8
78.75°	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.6	6.5
77.5°	7.8	7.8	7.7	7.6	7.6	7.5	7.5	7.4	7.3	7.2	7.2
76.25°	8.3	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7
75°	8.8	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2
73.75°	9.3	9.2	9.1	9.0	9.0	8.9	8.9	8.8	8.7	8.7	8.6
72.5°	10.1	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1	9.0
71.25°	11.0	10.9	10.7	10.6	10.5	10.4	10.2	10.1	9.9	9.8	9.6
70°	12.2	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.4
68.75°	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.2
67.5°	14.8	14.6	14.3	14.1	13.9	13.6	13.3	13.1	12.8	12.6	12.3
66.25°	16.2	16.0	15.7	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.4
65°	17.8	17.5	17.2	16.9	16.5	16.2	15.9	15.6	15.3	14.9	14.6
63.75°	19.4	19.1	18.8	18.4	18.1	17.7	17.3	16.9	16.5	16.2	15.8
62.5°	21.0	20.7	20.3	20.0	19.6	19.3	18.8	18.4	18.0	17.6	17.1
61.25°	22.5	22.2	21.9	21.5	21.1	20.8	20.3	19.9	19.5	19.0	18.5
60°	23.9	23.6	23.4	23.0	22.6	22.2	21.8	21.4	20.9	20.4	19.9
58.75°	24.9	24.6	24.4	24.1	23.9	23.6	23.3	22.8	22.3	21.8	21.3
57.5°	25.9	25.7	25.4	25.1	24.8	24.6	24.2	23.9	23.6	23.2	22.6
56.25°	27.1	26.8	26.5	26.2	25.8	25.5	25.2	24.9	24.5	24.2	23.8
55°	28.2	28.0	27.7	27.3	27.0	26.6	26.2	25.8	25.4	25.0	24.7
53.75°	28.7	28.5	28.4	28.3	28.1	27.7	27.3	26.9	26.4	26.0	25.5
52.5°	29.1	28.9	28.8	28.7	28.6	28.4	28.3	27.9	27.5	27.0	26.5
51.25°	29.1	29.1	29.1	29.1	28.9	28.8	28.6	28.5	28.3	28.0	27.5
50°	29.1	29.1	29.1	29.1	29.1	29.1	29.0	28.8	28.7	28.5	28.3
48.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0	28.9	28.7
47.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0
46.25°	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
45°	29.7	29.5	29.4	29.2	29.1	29.1	29.1	29.1	29.1	29.1	29.1
43.75°	30.1	29.9	29.8	29.6	29.4	29.2	29.1	29.1	29.1	29.1	29.1
42.5°	30.7	30.5	30.2	30.0	29.8	29.6	29.4	29.2	29.1	29.1	29.1
41.25°	31.3	31.0	30.8	30.5	30.2	30.0	29.8	29.5	29.3	29.1	29.1
40°	31.8	31.6	31.3	31.1	30.8	30.5	30.2	29.9	29.7	29.4	29.2
38.75°	32.4	32.1	31.9	31.6	31.3	31.0	30.7	30.3	30.0	29.8	29.5
37.5°	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.8	30.5	30.1	29.8
36.25°	33.5	33.2	32.9	32.6	32.3	32.0	31.6	31.3	30.9	30.6	30.2
35°	34.1	33.8	33.5	33.2	32.8	32.5	32.1	31.8	31.4	31.0	30.6



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	34.6	34.3	34.0	33.7	33.3	33.0	32.6	32.2	31.9	31.5	31.1
32.5°	35.2	34.8	34.5	34.2	33.8	33.5	33.1	32.7	32.3	31.9	31.5
31.25°	36.2	35.5	35.0	34.7	34.3	33.9	33.5	33.1	32.7	32.3	31.9
30°	37.2	36.6	35.9	35.2	34.8	34.4	34.0	33.6	33.2	32.7	32.3
28.75°	39.2	37.6	36.9	36.1	35.3	34.9	34.4	34.0	33.6	33.1	32.7
27.5°	42.1	40.1	37.9	37.1	36.2	35.4	34.9	34.4	34.0	33.5	33.1
26.25°	45.0	42.9	40.6	38.3	37.1	36.3	35.4	34.9	34.4	33.9	33.5
25°	48.3	45.7	43.3	40.9	38.5	37.1	36.2	35.3	34.8	34.3	33.8
23.75°	51.5	48.8	46.0	43.4	40.9	38.3	37.1	36.1	35.2	34.7	34.2
22.5°	55.2	51.9	49.0	46.0	43.3	40.6	37.9	36.9	35.9	35.0	34.5
21.25°	61.7	55.5	51.9	48.8	45.7	42.9	40.1	37.6	36.6	35.5	34.8
20°	75.8	61.7	55.2	51.5	48.3	45.0	42.1	39.2	37.2	36.2	35.2
18.75°	108.0	74.7	59.9	54.3	50.8	47.4	44.1	41.1	38.1	36.8	35.7
17.5°	149.1	103.5	71.9	58.4	53.1	49.7	46.1	42.9	39.8	37.4	36.3
16.25°	194.6	139.3	94.4	67.4	56.5	51.9	48.2	44.7	41.5	38.3	36.8
15°	241.7	179.0	123.1	81.0	61.0	54.0	50.2	46.5	43.1	39.8	37.3
13.75°	288.9	220.7	157.4	104.5	70.4	57.2	52.1	48.2	44.5	41.2	37.8
12.5°	333.2	262.3	193.2	131.4	84.3	61.4	53.8	49.9	46.0	42.5	39.1
11.25°	374.4	301.5	227.7	159.7	103.6	69.1	56.4	51.4	47.4	43.7	40.2
10°	406.3	337.4	261.6	188.4	124.1	76.9	58.8	52.8	48.7	44.7	41.2
8.75°	427.2	369.7	292.3	215.4	146.1	91.9	63.4	54.1	49.9	45.8	42.1
7.5°	445.8	397.8	319.3	239.9	165.4	105.0	68.7	55.9	50.9	46.8	42.9
6.25°	461.8	412.8	342.6	261.9	184.5	117.3	73.1	57.4	51.8	47.6	43.6
5°	475.1	425.3	361.9	280.1	200.4	130.3	78.7	58.7	52.5	48.3	44.2
3.75°	485.6	435.2	377.1	294.4	212.9	140.5	85.6	59.9	53.1	48.8	44.6
2.5°	493.2	442.3	388.0	304.7	222.0	147.9	90.6	61.9	53.5	49.2	44.9
1.25°	497.8	446.6	394.6	310.9	227.4	152.3	93.6	63.1	53.7	49.4	45.1
0°	499.3	448.1	396.8	313.0	229.2	153.8	94.6	63.5	53.8	49.5	45.2
-1.25°	497.8	446.6	394.6	310.9	227.4	152.3	93.6	63.1	53.7	49.4	45.1
-2.5°	493.2	442.3	388.0	304.7	222.0	147.9	90.6	61.9	53.5	49.2	44.9
-3.75°	485.6	435.2	377.1	294.4	212.9	140.5	85.6	59.9	53.1	48.8	44.6
-5°	475.1	425.3	361.9	280.1	200.4	130.3	78.7	58.7	52.5	48.3	44.2
-6.25°	461.8	412.8	342.6	261.9	184.5	117.3	73.1	57.4	51.8	47.6	43.6
-7.5°	445.8	397.8	319.3	239.9	165.4	105.0	68.7	55.9	50.9	46.8	42.9
-8.75°	427.2	369.7	292.3	215.4	146.1	91.9	63.4	54.1	49.9	45.8	42.1
-10°	406.3	337.4	261.6	188.4	124.1	76.9	58.8	52.8	48.7	44.7	41.2
-11.25°	374.4	301.5	227.7	159.7	103.6	69.1	56.4	51.4	47.4	43.7	40.2
-12.5°	333.2	262.3	193.2	131.4	84.3	61.4	53.8	49.9	46.0	42.5	39.1
-13.75°	288.9	220.7	157.4	104.5	70.4	57.2	52.1	48.2	44.5	41.2	37.8
-15°	241.7	179.0	123.1	81.0	61.0	54.0	50.2	46.5	43.1	39.8	37.3
-16.25°	194.6	139.3	94.4	67.4	56.5	51.9	48.2	44.7	41.5	38.3	36.8
-17.5°	149.1	103.5	71.9	58.4	53.1	49.7	46.1	42.9	39.8	37.4	36.3
-18.75°	108.0	74.7	59.9	54.3	50.8	47.4	44.1	41.1	38.1	36.8	35.7
-20°	75.8	61.7	55.2	51.5	48.3	45.0	42.1	39.2	37.2	36.2	35.2
-21.25°	61.7	55.5	51.9	48.8	45.7	42.9	40.1	37.6	36.6	35.5	34.8



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	55.2	51.9	49.0	46.0	43.3	40.6	37.9	36.9	35.9	35.0	34.5
-23.75°	51.5	48.8	46.0	43.4	40.9	38.3	37.1	36.1	35.2	34.7	34.2
-25°	48.3	45.7	43.3	40.9	38.5	37.1	36.2	35.3	34.8	34.3	33.8
-26.25°	45.0	42.9	40.6	38.3	37.1	36.3	35.4	34.9	34.4	33.9	33.5
-27.5°	42.1	40.1	37.9	37.1	36.2	35.4	34.9	34.4	34.0	33.5	33.1
-28.75°	39.2	37.6	36.9	36.1	35.3	34.9	34.4	34.0	33.6	33.1	32.7
-30°	37.2	36.6	35.9	35.2	34.8	34.4	34.0	33.6	33.2	32.7	32.3
-31.25°	36.2	35.5	35.0	34.7	34.3	33.9	33.5	33.1	32.7	32.3	31.9
-32.5°	35.2	34.8	34.5	34.2	33.8	33.5	33.1	32.7	32.3	31.9	31.5
-33.75°	34.6	34.3	34.0	33.7	33.3	33.0	32.6	32.2	31.9	31.5	31.1
-35°	34.1	33.8	33.5	33.2	32.8	32.5	32.1	31.8	31.4	31.0	30.6
-36.25°	33.5	33.2	32.9	32.6	32.3	32.0	31.6	31.3	30.9	30.6	30.2
-37.5°	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.8	30.5	30.1	29.8
-38.75°	32.4	32.1	31.9	31.6	31.3	31.0	30.7	30.3	30.0	29.8	29.5
-40°	31.8	31.6	31.3	31.1	30.8	30.5	30.2	29.9	29.7	29.4	29.2
-41.25°	31.3	31.0	30.8	30.5	30.2	30.0	29.8	29.5	29.3	29.1	29.1
-42.5°	30.7	30.5	30.2	30.0	29.8	29.6	29.4	29.2	29.1	29.1	29.1
-43.75°	30.1	29.9	29.8	29.6	29.4	29.2	29.1	29.1	29.1	29.1	29.1
-45°	29.7	29.5	29.4	29.2	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-46.25°	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
-47.5°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0
-48.75°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.0	28.9	28.7
-50°	29.1	29.1	29.1	29.1	29.1	29.1	29.0	28.8	28.7	28.5	28.3
-51.25°	29.1	29.1	29.1	29.1	28.9	28.8	28.6	28.5	28.3	28.0	27.5
-52.5°	29.1	28.9	28.8	28.7	28.6	28.4	28.3	27.9	27.5	27.0	26.5
-53.75°	28.7	28.5	28.4	28.3	28.1	27.7	27.3	26.9	26.4	26.0	25.5
-55°	28.2	28.0	27.7	27.3	27.0	26.6	26.2	25.8	25.4	25.0	24.7
-56.25°	27.1	26.8	26.5	26.2	25.8	25.5	25.2	24.9	24.5	24.2	23.8
-57.5°	25.9	25.7	25.4	25.1	24.8	24.6	24.2	23.9	23.6	23.2	22.6
-58.75°	24.9	24.6	24.4	24.1	23.9	23.6	23.3	22.8	22.3	21.8	21.3
-60°	23.9	23.6	23.4	23.0	22.6	22.2	21.8	21.4	20.9	20.4	19.9
-61.25°	22.5	22.2	21.9	21.5	21.1	20.8	20.3	19.9	19.5	19.0	18.5
-62.5°	21.0	20.7	20.3	20.0	19.6	19.3	18.8	18.4	18.0	17.6	17.1
-63.75°	19.4	19.1	18.8	18.4	18.1	17.7	17.3	16.9	16.5	16.2	15.8
-65°	17.8	17.5	17.2	16.9	16.5	16.2	15.9	15.6	15.3	14.9	14.6
-66.25°	16.2	16.0	15.7	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.4
-67.5°	14.8	14.6	14.3	14.1	13.9	13.6	13.3	13.1	12.8	12.6	12.3
-68.75°	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.2
-70°	12.2	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.4
-71.25°	11.0	10.9	10.7	10.6	10.5	10.4	10.2	10.1	9.9	9.8	9.6
-72.5°	10.1	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1	9.0
-73.75°	9.3	9.2	9.1	9.0	9.0	8.9	8.9	8.8	8.7	8.7	8.6
-75°	8.8	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2
-76.25°	8.3	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7
-77.5°	7.8	7.8	7.7	7.6	7.6	7.5	7.5	7.4	7.3	7.2	7.2



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.7	6.6	6.5
-80°	6.5	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.0	5.9	5.8
-81.25°	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2	5.1
-82.5°	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4
-83.75°	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7
-85°	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
-86.25°	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
86.25°	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4
85°	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1
83.75°	3.6	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9
82.5°	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6
81.25°	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
80°	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
78.75°	6.4	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.6	5.5	5.4
77.5°	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.3	6.2	6.1	6.0
76.25°	7.6	7.5	7.4	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.5
75°	8.2	8.1	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.2	7.1
73.75°	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.6	7.5
72.5°	8.9	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	7.9
71.25°	9.5	9.3	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3
70°	10.2	10.0	9.8	9.6	9.4	9.2	9.1	9.0	8.8	8.7	8.6
68.75°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.9
67.5°	12.0	11.7	11.4	11.1	10.8	10.6	10.3	10.1	9.9	9.6	9.3
66.25°	13.0	12.7	12.4	12.1	11.7	11.4	11.0	10.7	10.5	10.2	9.9
65°	14.2	13.8	13.4	13.1	12.7	12.3	12.0	11.6	11.2	10.8	10.5
63.75°	15.4	15.0	14.6	14.2	13.7	13.3	12.9	12.5	12.1	11.7	11.2
62.5°	16.6	16.2	15.7	15.3	14.8	14.4	13.9	13.4	13.0	12.5	12.1
61.25°	18.0	17.5	17.0	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.9
60°	19.4	18.8	18.3	17.7	17.1	16.5	16.0	15.5	14.9	14.3	13.8
58.75°	20.8	20.2	19.6	19.0	18.4	17.8	17.1	16.5	15.9	15.3	14.7
57.5°	22.1	21.5	20.9	20.3	19.7	19.0	18.4	17.7	17.0	16.3	15.7
56.25°	23.4	22.8	22.2	21.6	20.9	20.3	19.6	18.9	18.1	17.4	16.6
55°	24.3	23.9	23.4	22.8	22.1	21.4	20.7	20.0	19.3	18.5	17.7
53.75°	25.1	24.7	24.3	23.8	23.3	22.6	21.9	21.2	20.4	19.6	18.8
52.5°	26.0	25.5	25.1	24.6	24.1	23.7	23.0	22.3	21.5	20.7	19.9
51.25°	27.0	26.5	25.9	25.4	24.9	24.4	23.9	23.4	22.6	21.7	20.9
50°	28.0	27.4	26.9	26.3	25.7	25.2	24.6	24.1	23.5	22.8	21.9
48.75°	28.5	28.3	27.8	27.2	26.6	26.0	25.4	24.8	24.2	23.7	22.9
47.5°	28.8	28.6	28.4	28.1	27.5	26.8	26.1	25.5	24.9	24.3	23.7
46.25°	29.1	28.9	28.7	28.5	28.2	27.7	27.0	26.3	25.6	25.0	24.3
45°	29.1	29.1	29.0	28.8	28.5	28.3	27.8	27.1	26.3	25.6	25.0
43.75°	29.1	29.1	29.1	29.1	28.8	28.6	28.3	27.9	27.1	26.3	25.6
42.5°	29.1	29.1	29.1	29.1	29.1	28.9	28.6	28.4	27.9	27.1	26.3
41.25°	29.1	29.1	29.1	29.1	29.1	29.1	28.9	28.6	28.3	27.8	27.0
40°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.9	28.6	28.3	27.7
38.75°	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.8	28.5	28.2
37.5°	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.8	28.5
36.25°	29.9	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.0	28.7
35°	30.2	29.9	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1	28.9



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	30.6	30.2	29.9	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1
32.5°	31.1	30.6	30.2	29.8	29.5	29.2	29.1	29.1	29.1	29.1	29.1
31.25°	31.5	31.0	30.6	30.1	29.8	29.4	29.1	29.1	29.1	29.1	29.1
30°	31.9	31.4	30.9	30.5	30.0	29.7	29.3	29.1	29.1	29.1	29.1
28.75°	32.2	31.8	31.3	30.8	30.3	29.9	29.5	29.2	29.1	29.1	29.1
27.5°	32.6	32.1	31.6	31.2	30.7	30.2	29.8	29.4	29.1	29.1	29.1
26.25°	33.0	32.5	32.0	31.5	31.0	30.5	30.0	29.6	29.2	29.1	29.1
25°	33.3	32.8	32.3	31.8	31.3	30.8	30.2	29.8	29.4	29.1	29.1
23.75°	33.7	33.2	32.6	32.1	31.6	31.1	30.5	30.0	29.6	29.2	29.1
22.5°	34.0	33.5	32.9	32.4	31.9	31.3	30.8	30.2	29.8	29.4	29.1
21.25°	34.3	33.8	33.2	32.7	32.1	31.6	31.0	30.5	29.9	29.5	29.1
20°	34.6	34.1	33.5	33.0	32.4	31.8	31.3	30.7	30.1	29.7	29.3
18.75°	34.9	34.4	33.8	33.2	32.7	32.1	31.5	30.9	30.3	29.8	29.4
17.5°	35.2	34.6	34.0	33.5	32.9	32.3	31.7	31.1	30.5	30.0	29.6
16.25°	35.7	34.9	34.3	33.7	33.1	32.5	31.9	31.3	30.7	30.1	29.7
15°	36.2	35.1	34.5	33.9	33.3	32.7	32.1	31.5	30.9	30.3	29.8
13.75°	36.6	35.4	34.7	34.1	33.5	32.9	32.3	31.7	31.1	30.5	29.9
12.5°	37.0	35.8	34.9	34.3	33.7	33.1	32.5	31.8	31.2	30.6	30.0
11.25°	37.4	36.2	35.1	34.5	33.8	33.2	32.6	32.0	31.4	30.7	30.1
10°	37.8	36.5	35.3	34.6	34.0	33.4	32.7	32.1	31.5	30.9	30.2
8.75°	38.6	36.8	35.6	34.8	34.1	33.5	32.9	32.2	31.6	31.0	30.3
7.5°	39.3	37.1	35.8	34.9	34.2	33.6	33.0	32.3	31.7	31.0	30.4
6.25°	40.0	37.3	36.0	35.0	34.3	33.7	33.0	32.4	31.8	31.1	30.5
5°	40.5	37.5	36.2	35.1	34.4	33.8	33.1	32.5	31.8	31.2	30.5
3.75°	41.0	37.6	36.3	35.1	34.5	33.8	33.2	32.5	31.9	31.2	30.6
2.5°	41.3	37.7	36.4	35.2	34.5	33.9	33.2	32.6	31.9	31.3	30.6
1.25°	41.4	37.8	36.5	35.2	34.5	33.9	33.2	32.6	31.9	31.3	30.6
0°	41.5	37.8	36.5	35.2	34.6	33.9	33.3	32.6	32.0	31.3	30.7
-1.25°	41.4	37.8	36.5	35.2	34.5	33.9	33.2	32.6	31.9	31.3	30.6
-2.5°	41.3	37.7	36.4	35.2	34.5	33.9	33.2	32.6	31.9	31.3	30.6
-3.75°	41.0	37.6	36.3	35.1	34.5	33.8	33.2	32.5	31.9	31.2	30.6
-5°	40.5	37.5	36.2	35.1	34.4	33.8	33.1	32.5	31.8	31.2	30.5
-6.25°	40.0	37.3	36.0	35.0	34.3	33.7	33.0	32.4	31.8	31.1	30.5
-7.5°	39.3	37.1	35.8	34.9	34.2	33.6	33.0	32.3	31.7	31.0	30.4
-8.75°	38.6	36.8	35.6	34.8	34.1	33.5	32.9	32.2	31.6	31.0	30.3
-10°	37.8	36.5	35.3	34.6	34.0	33.4	32.7	32.1	31.5	30.9	30.2
-11.25°	37.4	36.2	35.1	34.5	33.8	33.2	32.6	32.0	31.4	30.7	30.1
-12.5°	37.0	35.8	34.9	34.3	33.7	33.1	32.5	31.8	31.2	30.6	30.0
-13.75°	36.6	35.4	34.7	34.1	33.5	32.9	32.3	31.7	31.1	30.5	29.9
-15°	36.2	35.1	34.5	33.9	33.3	32.7	32.1	31.5	30.9	30.3	29.8
-16.25°	35.7	34.9	34.3	33.7	33.1	32.5	31.9	31.3	30.7	30.1	29.7
-17.5°	35.2	34.6	34.0	33.5	32.9	32.3	31.7	31.1	30.5	30.0	29.6
-18.75°	34.9	34.4	33.8	33.2	32.7	32.1	31.5	30.9	30.3	29.8	29.4
-20°	34.6	34.1	33.5	33.0	32.4	31.8	31.3	30.7	30.1	29.7	29.3
-21.25°	34.3	33.8	33.2	32.7	32.1	31.6	31.0	30.5	29.9	29.5	29.1



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	34.0	33.5	32.9	32.4	31.9	31.3	30.8	30.2	29.8	29.4	29.1
-23.75°	33.7	33.2	32.6	32.1	31.6	31.1	30.5	30.0	29.6	29.2	29.1
-25°	33.3	32.8	32.3	31.8	31.3	30.8	30.2	29.8	29.4	29.1	29.1
-26.25°	33.0	32.5	32.0	31.5	31.0	30.5	30.0	29.6	29.2	29.1	29.1
-27.5°	32.6	32.1	31.6	31.2	30.7	30.2	29.8	29.4	29.1	29.1	29.1
-28.75°	32.2	31.8	31.3	30.8	30.3	29.9	29.5	29.2	29.1	29.1	29.1
-30°	31.9	31.4	30.9	30.5	30.0	29.7	29.3	29.1	29.1	29.1	29.1
-31.25°	31.5	31.0	30.6	30.1	29.8	29.4	29.1	29.1	29.1	29.1	29.1
-32.5°	31.1	30.6	30.2	29.8	29.5	29.2	29.1	29.1	29.1	29.1	29.1
-33.75°	30.6	30.2	29.9	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1
-35°	30.2	29.9	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1	28.9
-36.25°	29.9	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.0	28.7
-37.5°	29.6	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.8	28.5
-38.75°	29.3	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.8	28.5	28.2
-40°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.9	28.6	28.3	27.7
-41.25°	29.1	29.1	29.1	29.1	29.1	29.1	28.9	28.6	28.3	27.8	27.0
-42.5°	29.1	29.1	29.1	29.1	29.1	28.9	28.6	28.4	27.9	27.1	26.3
-43.75°	29.1	29.1	29.1	29.1	28.8	28.6	28.3	27.9	27.1	26.3	25.6
-45°	29.1	29.1	29.0	28.8	28.5	28.3	27.8	27.1	26.3	25.6	25.0
-46.25°	29.1	28.9	28.7	28.5	28.2	27.7	27.0	26.3	25.6	25.0	24.3
-47.5°	28.8	28.6	28.4	28.1	27.5	26.8	26.1	25.5	24.9	24.3	23.7
-48.75°	28.5	28.3	27.8	27.2	26.6	26.0	25.4	24.8	24.2	23.7	22.9
-50°	28.0	27.4	26.9	26.3	25.7	25.2	24.6	24.1	23.5	22.8	21.9
-51.25°	27.0	26.5	25.9	25.4	24.9	24.4	23.9	23.4	22.6	21.7	20.9
-52.5°	26.0	25.5	25.1	24.6	24.1	23.7	23.0	22.3	21.5	20.7	19.9
-53.75°	25.1	24.7	24.3	23.8	23.3	22.6	21.9	21.2	20.4	19.6	18.8
-55°	24.3	23.9	23.4	22.8	22.1	21.4	20.7	20.0	19.3	18.5	17.7
-56.25°	23.4	22.8	22.2	21.6	20.9	20.3	19.6	18.9	18.1	17.4	16.6
-57.5°	22.1	21.5	20.9	20.3	19.7	19.0	18.4	17.7	17.0	16.3	15.7
-58.75°	20.8	20.2	19.6	19.0	18.4	17.8	17.1	16.5	15.9	15.3	14.7
-60°	19.4	18.8	18.3	17.7	17.1	16.5	16.0	15.5	14.9	14.3	13.8
-61.25°	18.0	17.5	17.0	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.9
-62.5°	16.6	16.2	15.7	15.3	14.8	14.4	13.9	13.4	13.0	12.5	12.1
-63.75°	15.4	15.0	14.6	14.2	13.7	13.3	12.9	12.5	12.1	11.7	11.2
-65°	14.2	13.8	13.4	13.1	12.7	12.3	12.0	11.6	11.2	10.8	10.5
-66.25°	13.0	12.7	12.4	12.1	11.7	11.4	11.0	10.7	10.5	10.2	9.9
-67.5°	12.0	11.7	11.4	11.1	10.8	10.6	10.3	10.1	9.9	9.6	9.3
-68.75°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.9
-70°	10.2	10.0	9.8	9.6	9.4	9.2	9.1	9.0	8.8	8.7	8.6
-71.25°	9.5	9.3	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3
-72.5°	8.9	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	7.9
-73.75°	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.6	7.5
-75°	8.2	8.1	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.2	7.1
-76.25°	7.6	7.5	7.4	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.5
-77.5°	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.3	6.2	6.1	6.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	6.4	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.6	5.5	5.4
-80°	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8
-81.25°	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
-82.5°	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6
-83.75°	3.6	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9
-85°	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1
-86.25°	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4
-87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
86.25°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
85°	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3
83.75°	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	1.9	1.8
82.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
81.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9
80°	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
78.75°	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
77.5°	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.3
76.25°	6.4	6.2	6.1	5.9	5.8	5.6	5.4	5.3	5.1	4.9	4.7
75°	6.9	6.8	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.2
73.75°	7.4	7.2	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6
72.5°	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.6	6.4	6.2	6.0
71.25°	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.9	6.6	6.4
70°	8.5	8.4	8.3	8.1	7.9	7.8	7.6	7.4	7.2	7.0	6.8
68.75°	8.8	8.7	8.5	8.4	8.3	8.1	7.9	7.7	7.5	7.3	7.1
67.5°	9.1	9.0	8.8	8.7	8.5	8.4	8.3	8.1	7.9	7.7	7.4
66.25°	9.7	9.4	9.1	9.0	8.8	8.7	8.5	8.4	8.2	8.0	7.7
65°	10.2	9.9	9.6	9.3	9.1	8.9	8.8	8.6	8.4	8.3	8.0
63.75°	10.8	10.5	10.2	9.9	9.5	9.2	9.0	8.8	8.6	8.5	8.3
62.5°	11.6	11.1	10.7	10.4	10.1	9.7	9.4	9.1	8.9	8.7	8.5
61.25°	12.4	11.9	11.4	10.9	10.6	10.2	9.8	9.5	9.1	8.9	8.7
60°	13.2	12.7	12.2	11.7	11.1	10.7	10.3	9.9	9.5	9.1	8.9
58.75°	14.1	13.5	13.0	12.4	11.8	11.3	10.8	10.4	10.0	9.5	9.1
57.5°	15.0	14.4	13.7	13.1	12.6	12.0	11.4	10.8	10.4	10.0	9.5
56.25°	16.0	15.3	14.6	13.9	13.3	12.6	12.0	11.4	10.8	10.4	9.9
55°	16.9	16.2	15.5	14.7	14.0	13.3	12.7	12.0	11.4	10.8	10.3
53.75°	18.0	17.1	16.3	15.6	14.8	14.1	13.3	12.6	12.0	11.3	10.7
52.5°	19.0	18.1	17.2	16.4	15.6	14.8	14.0	13.3	12.6	11.8	11.1
51.25°	20.0	19.1	18.2	17.3	16.4	15.6	14.7	13.9	13.1	12.4	11.7
50°	21.0	20.1	19.2	18.2	17.2	16.3	15.5	14.6	13.7	13.0	12.2
48.75°	22.0	21.0	20.1	19.1	18.1	17.1	16.2	15.3	14.4	13.5	12.7
47.5°	22.9	22.0	21.0	20.0	19.0	18.0	16.9	16.0	15.0	14.1	13.2
46.25°	23.7	22.9	21.9	20.9	19.9	18.8	17.7	16.6	15.7	14.7	13.8
45°	24.3	23.7	22.8	21.7	20.7	19.6	18.5	17.4	16.3	15.3	14.3
43.75°	24.9	24.2	23.5	22.6	21.5	20.4	19.3	18.1	17.0	15.9	14.9
42.5°	25.5	24.8	24.1	23.4	22.3	21.2	20.0	18.9	17.7	16.5	15.5
41.25°	26.1	25.4	24.6	23.9	23.0	21.9	20.7	19.6	18.4	17.1	16.0
40°	26.8	26.0	25.2	24.4	23.7	22.6	21.4	20.3	19.0	17.8	16.5
38.75°	27.5	26.6	25.7	24.9	24.1	23.3	22.1	20.9	19.7	18.4	17.1
37.5°	28.1	27.2	26.3	25.4	24.6	23.8	22.8	21.6	20.3	19.0	17.7
36.25°	28.4	27.8	26.9	25.9	25.1	24.3	23.4	22.2	20.9	19.6	18.3
35°	28.6	28.3	27.4	26.5	25.5	24.7	23.9	22.8	21.5	20.2	18.8



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	28.8	28.5	28.0	27.0	26.0	25.1	24.3	23.4	22.1	20.8	19.4
32.5°	29.0	28.7	28.3	27.5	26.5	25.5	24.7	23.8	22.6	21.3	19.9
31.25°	29.1	28.9	28.5	28.0	27.0	26.0	25.0	24.2	23.2	21.8	20.4
30°	29.1	29.0	28.7	28.3	27.5	26.4	25.4	24.5	23.6	22.3	20.9
28.75°	29.1	29.1	28.8	28.5	27.9	26.9	25.8	24.9	23.9	22.8	21.4
27.5°	29.1	29.1	29.0	28.6	28.3	27.3	26.2	25.2	24.2	23.3	21.8
26.25°	29.1	29.1	29.1	28.8	28.4	27.7	26.6	25.5	24.6	23.6	22.2
25°	29.1	29.1	29.1	28.9	28.6	28.1	27.0	25.8	24.8	23.9	22.6
23.75°	29.1	29.1	29.1	29.1	28.7	28.3	27.3	26.2	25.1	24.1	23.0
22.5°	29.1	29.1	29.1	29.1	28.8	28.4	27.7	26.5	25.4	24.4	23.4
21.25°	29.1	29.1	29.1	29.1	28.9	28.5	28.0	26.8	25.7	24.6	23.6
20°	29.1	29.1	29.1	29.1	29.1	28.7	28.2	27.1	25.9	24.9	23.9
18.75°	29.1	29.1	29.1	29.1	29.1	28.8	28.3	27.4	26.2	25.1	24.1
17.5°	29.1	29.1	29.1	29.1	29.1	28.9	28.4	27.7	26.5	25.3	24.3
16.25°	29.3	29.1	29.1	29.1	29.1	29.0	28.5	27.9	26.7	25.5	24.4
15°	29.4	29.1	29.1	29.1	29.1	29.0	28.6	28.2	26.9	25.7	24.6
13.75°	29.5	29.1	29.1	29.1	29.1	29.1	28.7	28.3	27.1	25.9	24.8
12.5°	29.6	29.1	29.1	29.1	29.1	29.1	28.8	28.3	27.3	26.0	24.9
11.25°	29.6	29.2	29.1	29.1	29.1	29.1	28.8	28.4	27.5	26.2	25.0
10°	29.7	29.3	29.1	29.1	29.1	29.1	28.9	28.4	27.6	26.4	25.2
8.75°	29.8	29.3	29.1	29.1	29.1	29.1	28.9	28.5	27.8	26.5	25.3
7.5°	29.8	29.4	29.1	29.1	29.1	29.1	29.0	28.5	27.9	26.6	25.4
6.25°	29.9	29.4	29.1	29.1	29.1	29.1	29.0	28.6	28.0	26.7	25.4
5°	29.9	29.5	29.1	29.1	29.1	29.1	29.0	28.6	28.1	26.8	25.5
3.75°	30.0	29.5	29.1	29.1	29.1	29.1	29.1	28.6	28.1	26.8	25.5
2.5°	30.0	29.5	29.1	29.1	29.1	29.1	29.1	28.6	28.2	26.9	25.6
1.25°	30.0	29.5	29.1	29.1	29.1	29.1	29.1	28.6	28.2	26.9	25.6
0°	30.0	29.6	29.1	29.1	29.1	29.1	29.1	28.7	28.2	26.9	25.6
-1.25°	30.0	29.5	29.1	29.1	29.1	29.1	29.1	28.6	28.2	26.9	25.6
-2.5°	30.0	29.5	29.1	29.1	29.1	29.1	29.1	28.6	28.2	26.9	25.6
-3.75°	30.0	29.5	29.1	29.1	29.1	29.1	29.1	28.6	28.1	26.8	25.5
-5°	29.9	29.5	29.1	29.1	29.1	29.1	29.0	28.6	28.1	26.8	25.5
-6.25°	29.9	29.4	29.1	29.1	29.1	29.1	29.0	28.6	28.0	26.7	25.4
-7.5°	29.8	29.4	29.1	29.1	29.1	29.1	29.0	28.5	27.9	26.6	25.4
-8.75°	29.8	29.3	29.1	29.1	29.1	29.1	28.9	28.5	27.8	26.5	25.3
-10°	29.7	29.3	29.1	29.1	29.1	29.1	28.9	28.4	27.6	26.4	25.2
-11.25°	29.6	29.2	29.1	29.1	29.1	29.1	28.8	28.4	27.5	26.2	25.0
-12.5°	29.6	29.1	29.1	29.1	29.1	29.1	28.8	28.3	27.3	26.0	24.9
-13.75°	29.5	29.1	29.1	29.1	29.1	29.1	28.7	28.3	27.1	25.9	24.8
-15°	29.4	29.1	29.1	29.1	29.1	29.0	28.6	28.2	26.9	25.7	24.6
-16.25°	29.3	29.1	29.1	29.1	29.1	29.0	28.5	27.9	26.7	25.5	24.4
-17.5°	29.1	29.1	29.1	29.1	29.1	28.9	28.4	27.7	26.5	25.3	24.3
-18.75°	29.1	29.1	29.1	29.1	29.1	28.8	28.3	27.4	26.2	25.1	24.1
-20°	29.1	29.1	29.1	29.1	29.1	28.7	28.2	27.1	25.9	24.9	23.9
-21.25°	29.1	29.1	29.1	29.1	28.9	28.5	28.0	26.8	25.7	24.6	23.6



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	29.1	29.1	29.1	29.1	28.8	28.4	27.7	26.5	25.4	24.4	23.4
-23.75°	29.1	29.1	29.1	29.1	28.7	28.3	27.3	26.2	25.1	24.1	23.0
-25°	29.1	29.1	29.1	28.9	28.6	28.1	27.0	25.8	24.8	23.9	22.6
-26.25°	29.1	29.1	29.1	28.8	28.4	27.7	26.6	25.5	24.6	23.6	22.2
-27.5°	29.1	29.1	29.0	28.6	28.3	27.3	26.2	25.2	24.2	23.3	21.8
-28.75°	29.1	29.1	28.8	28.5	27.9	26.9	25.8	24.9	23.9	22.8	21.4
-30°	29.1	29.0	28.7	28.3	27.5	26.4	25.4	24.5	23.6	22.3	20.9
-31.25°	29.1	28.9	28.5	28.0	27.0	26.0	25.0	24.2	23.2	21.8	20.4
-32.5°	29.0	28.7	28.3	27.5	26.5	25.5	24.7	23.8	22.6	21.3	19.9
-33.75°	28.8	28.5	28.0	27.0	26.0	25.1	24.3	23.4	22.1	20.8	19.4
-35°	28.6	28.3	27.4	26.5	25.5	24.7	23.9	22.8	21.5	20.2	18.8
-36.25°	28.4	27.8	26.9	25.9	25.1	24.3	23.4	22.2	20.9	19.6	18.3
-37.5°	28.1	27.2	26.3	25.4	24.6	23.8	22.8	21.6	20.3	19.0	17.7
-38.75°	27.5	26.6	25.7	24.9	24.1	23.3	22.1	20.9	19.7	18.4	17.1
-40°	26.8	26.0	25.2	24.4	23.7	22.6	21.4	20.3	19.0	17.8	16.5
-41.25°	26.1	25.4	24.6	23.9	23.0	21.9	20.7	19.6	18.4	17.1	16.0
-42.5°	25.5	24.8	24.1	23.4	22.3	21.2	20.0	18.9	17.7	16.5	15.5
-43.75°	24.9	24.2	23.5	22.6	21.5	20.4	19.3	18.1	17.0	15.9	14.9
-45°	24.3	23.7	22.8	21.7	20.7	19.6	18.5	17.4	16.3	15.3	14.3
-46.25°	23.7	22.9	21.9	20.9	19.9	18.8	17.7	16.6	15.7	14.7	13.8
-47.5°	22.9	22.0	21.0	20.0	19.0	18.0	16.9	16.0	15.0	14.1	13.2
-48.75°	22.0	21.0	20.1	19.1	18.1	17.1	16.2	15.3	14.4	13.5	12.7
-50°	21.0	20.1	19.2	18.2	17.2	16.3	15.5	14.6	13.7	13.0	12.2
-51.25°	20.0	19.1	18.2	17.3	16.4	15.6	14.7	13.9	13.1	12.4	11.7
-52.5°	19.0	18.1	17.2	16.4	15.6	14.8	14.0	13.3	12.6	11.8	11.1
-53.75°	18.0	17.1	16.3	15.6	14.8	14.1	13.3	12.6	12.0	11.3	10.7
-55°	16.9	16.2	15.5	14.7	14.0	13.3	12.7	12.0	11.4	10.8	10.3
-56.25°	16.0	15.3	14.6	13.9	13.3	12.6	12.0	11.4	10.8	10.4	9.9
-57.5°	15.0	14.4	13.7	13.1	12.6	12.0	11.4	10.8	10.4	10.0	9.5
-58.75°	14.1	13.5	13.0	12.4	11.8	11.3	10.8	10.4	10.0	9.5	9.1
-60°	13.2	12.7	12.2	11.7	11.1	10.7	10.3	9.9	9.5	9.1	8.9
-61.25°	12.4	11.9	11.4	10.9	10.6	10.2	9.8	9.5	9.1	8.9	8.7
-62.5°	11.6	11.1	10.7	10.4	10.1	9.7	9.4	9.1	8.9	8.7	8.5
-63.75°	10.8	10.5	10.2	9.9	9.5	9.2	9.0	8.8	8.6	8.5	8.3
-65°	10.2	9.9	9.6	9.3	9.1	8.9	8.8	8.6	8.4	8.3	8.0
-66.25°	9.7	9.4	9.1	9.0	8.8	8.7	8.5	8.4	8.2	8.0	7.7
-67.5°	9.1	9.0	8.8	8.7	8.5	8.4	8.3	8.1	7.9	7.7	7.4
-68.75°	8.8	8.7	8.5	8.4	8.3	8.1	7.9	7.7	7.5	7.3	7.1
-70°	8.5	8.4	8.3	8.1	7.9	7.8	7.6	7.4	7.2	7.0	6.8
-71.25°	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.9	6.6	6.4
-72.5°	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.6	6.4	6.2	6.0
-73.75°	7.4	7.2	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6
-75°	6.9	6.8	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.2
-76.25°	6.4	6.2	6.1	5.9	5.8	5.6	5.4	5.3	5.1	4.9	4.7
-77.5°	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.3



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
-80°	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
-81.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9
-82.5°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4
-83.75°	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.1	1.9	1.8
-85°	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3
-86.25°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
-87.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
86.25°	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5
85°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
83.75°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
82.5°	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.1
81.25°	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3
80°	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.6
78.75°	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9
77.5°	4.2	4.0	3.8	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2
76.25°	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5
75°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.0	2.8
73.75°	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1
72.5°	5.8	5.5	5.3	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.3
71.25°	6.1	5.9	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.9	3.6
70°	6.5	6.3	6.0	5.8	5.5	5.2	4.9	4.7	4.4	4.1	3.8
68.75°	6.9	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1
67.5°	7.2	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3
66.25°	7.5	7.3	7.0	6.8	6.4	6.1	5.8	5.5	5.2	4.8	4.5
65°	7.8	7.6	7.3	7.1	6.8	6.4	6.1	5.8	5.4	5.1	4.7
63.75°	8.1	7.8	7.6	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.9
62.5°	8.3	8.1	7.8	7.6	7.3	7.0	6.7	6.3	5.9	5.5	5.1
61.25°	8.5	8.3	8.1	7.8	7.5	7.2	6.9	6.5	6.1	5.8	5.4
60°	8.7	8.5	8.3	8.0	7.7	7.4	7.1	6.8	6.4	6.0	5.6
58.75°	8.9	8.7	8.5	8.3	8.0	7.7	7.3	7.0	6.6	6.2	5.8
57.5°	9.1	8.9	8.6	8.4	8.2	7.9	7.5	7.2	6.9	6.4	6.0
56.25°	9.5	9.1	8.8	8.6	8.4	8.1	7.7	7.4	7.0	6.6	6.2
55°	9.8	9.4	9.0	8.8	8.5	8.3	7.9	7.6	7.2	6.9	6.4
53.75°	10.2	9.7	9.2	8.9	8.7	8.4	8.1	7.8	7.4	7.0	6.6
52.5°	10.6	10.1	9.5	9.1	8.8	8.5	8.3	7.9	7.6	7.2	6.8
51.25°	10.9	10.4	9.9	9.3	9.0	8.7	8.4	8.1	7.7	7.3	6.9
50°	11.4	10.7	10.2	9.6	9.1	8.8	8.5	8.3	7.9	7.5	7.1
48.75°	11.9	11.1	10.5	9.9	9.4	9.0	8.7	8.4	8.1	7.6	7.2
47.5°	12.4	11.6	10.8	10.2	9.7	9.1	8.8	8.5	8.2	7.8	7.4
46.25°	12.9	12.1	11.2	10.5	9.9	9.3	8.9	8.6	8.3	7.9	7.5
45°	13.4	12.5	11.7	10.8	10.2	9.6	9.0	8.7	8.4	8.1	7.6
43.75°	13.9	13.0	12.1	11.2	10.5	9.9	9.2	8.8	8.5	8.2	7.8
42.5°	14.4	13.4	12.5	11.6	10.7	10.1	9.5	9.0	8.6	8.3	7.9
41.25°	14.9	13.9	12.9	12.0	11.0	10.3	9.7	9.1	8.7	8.4	8.0
40°	15.4	14.4	13.3	12.3	11.4	10.6	9.9	9.2	8.8	8.5	8.1
38.75°	15.9	14.8	13.7	12.7	11.7	10.8	10.1	9.4	8.9	8.6	8.2
37.5°	16.4	15.3	14.2	13.1	12.1	11.1	10.3	9.6	9.0	8.7	8.3
36.25°	17.0	15.7	14.6	13.4	12.4	11.4	10.5	9.8	9.1	8.8	8.4
35°	17.5	16.2	15.0	13.8	12.7	11.7	10.7	10.0	9.3	8.8	8.5



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	18.0	16.6	15.4	14.2	13.0	12.0	10.9	10.2	9.5	8.9	8.5
32.5°	18.5	17.1	15.8	14.6	13.4	12.3	11.2	10.4	9.6	9.0	8.6
31.25°	19.0	17.6	16.2	14.9	13.7	12.6	11.5	10.5	9.8	9.1	8.7
30°	19.5	18.0	16.5	15.3	14.0	12.8	11.7	10.7	9.9	9.2	8.7
28.75°	19.9	18.4	16.9	15.6	14.3	13.1	12.0	10.9	10.1	9.3	8.8
27.5°	20.3	18.8	17.3	15.9	14.6	13.3	12.2	11.1	10.2	9.4	8.9
26.25°	20.8	19.3	17.7	16.2	14.9	13.6	12.4	11.3	10.4	9.6	8.9
25°	21.1	19.6	18.1	16.5	15.2	13.9	12.6	11.5	10.5	9.7	9.0
23.75°	21.5	20.0	18.4	16.9	15.5	14.1	12.8	11.7	10.6	9.8	9.0
22.5°	21.9	20.3	18.8	17.2	15.7	14.3	13.0	11.9	10.7	9.9	9.1
21.25°	22.2	20.7	19.1	17.5	16.0	14.6	13.2	12.0	10.9	10.0	9.2
20°	22.5	21.0	19.4	17.8	16.2	14.8	13.4	12.2	11.0	10.1	9.3
18.75°	22.8	21.3	19.7	18.0	16.4	15.0	13.6	12.4	11.1	10.2	9.4
17.5°	23.1	21.5	19.9	18.3	16.6	15.2	13.8	12.5	11.3	10.3	9.4
16.25°	23.4	21.8	20.2	18.5	16.8	15.4	13.9	12.6	11.4	10.4	9.5
15°	23.6	22.0	20.4	18.7	17.1	15.5	14.1	12.8	11.5	10.5	9.6
13.75°	23.7	22.2	20.6	18.9	17.2	15.7	14.2	12.9	11.6	10.5	9.7
12.5°	23.8	22.4	20.8	19.1	17.4	15.8	14.4	13.0	11.7	10.6	9.7
11.25°	24.0	22.6	21.0	19.3	17.6	16.0	14.5	13.1	11.8	10.7	9.8
10°	24.1	22.8	21.1	19.4	17.7	16.1	14.6	13.2	11.9	10.7	9.8
8.75°	24.2	22.9	21.3	19.6	17.8	16.2	14.7	13.2	12.0	10.7	9.9
7.5°	24.3	23.1	21.4	19.7	17.9	16.3	14.8	13.3	12.0	10.8	9.9
6.25°	24.3	23.2	21.5	19.8	18.0	16.3	14.8	13.4	12.1	10.8	9.9
5°	24.4	23.2	21.6	19.9	18.1	16.4	14.9	13.4	12.1	10.9	10.0
3.75°	24.4	23.3	21.6	19.9	18.2	16.4	14.9	13.5	12.2	10.9	10.0
2.5°	24.5	23.4	21.7	20.0	18.2	16.5	15.0	13.5	12.2	10.9	10.0
1.25°	24.5	23.4	21.7	20.0	18.2	16.5	15.0	13.5	12.2	10.9	10.0
0°	24.5	23.4	21.7	20.0	18.3	16.5	15.0	13.5	12.2	10.9	10.0
-1.25°	24.5	23.4	21.7	20.0	18.2	16.5	15.0	13.5	12.2	10.9	10.0
-2.5°	24.5	23.4	21.7	20.0	18.2	16.5	15.0	13.5	12.2	10.9	10.0
-3.75°	24.4	23.3	21.6	19.9	18.2	16.4	14.9	13.5	12.2	10.9	10.0
-5°	24.4	23.2	21.6	19.9	18.1	16.4	14.9	13.4	12.1	10.9	10.0
-6.25°	24.3	23.2	21.5	19.8	18.0	16.3	14.8	13.4	12.1	10.8	9.9
-7.5°	24.3	23.1	21.4	19.7	17.9	16.3	14.8	13.3	12.0	10.8	9.9
-8.75°	24.2	22.9	21.3	19.6	17.8	16.2	14.7	13.2	12.0	10.7	9.9
-10°	24.1	22.8	21.1	19.4	17.7	16.1	14.6	13.2	11.9	10.7	9.8
-11.25°	24.0	22.6	21.0	19.3	17.6	16.0	14.5	13.1	11.8	10.7	9.8
-12.5°	23.8	22.4	20.8	19.1	17.4	15.8	14.4	13.0	11.7	10.6	9.7
-13.75°	23.7	22.2	20.6	18.9	17.2	15.7	14.2	12.9	11.6	10.5	9.7
-15°	23.6	22.0	20.4	18.7	17.1	15.5	14.1	12.8	11.5	10.5	9.6
-16.25°	23.4	21.8	20.2	18.5	16.8	15.4	13.9	12.6	11.4	10.4	9.5
-17.5°	23.1	21.5	19.9	18.3	16.6	15.2	13.8	12.5	11.3	10.3	9.4
-18.75°	22.8	21.3	19.7	18.0	16.4	15.0	13.6	12.4	11.1	10.2	9.4
-20°	22.5	21.0	19.4	17.8	16.2	14.8	13.4	12.2	11.0	10.1	9.3
-21.25°	22.2	20.7	19.1	17.5	16.0	14.6	13.2	12.0	10.9	10.0	9.2



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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°	21.9	20.3	18.8	17.2	15.7	14.3	13.0	11.9	10.7	9.9	9.1
-23.75°	21.5	20.0	18.4	16.9	15.5	14.1	12.8	11.7	10.6	9.8	9.0
-25°	21.1	19.6	18.1	16.5	15.2	13.9	12.6	11.5	10.5	9.7	9.0
-26.25°	20.8	19.3	17.7	16.2	14.9	13.6	12.4	11.3	10.4	9.6	8.9
-27.5°	20.3	18.8	17.3	15.9	14.6	13.3	12.2	11.1	10.2	9.4	8.9
-28.75°	19.9	18.4	16.9	15.6	14.3	13.1	12.0	10.9	10.1	9.3	8.8
-30°	19.5	18.0	16.5	15.3	14.0	12.8	11.7	10.7	9.9	9.2	8.7
-31.25°	19.0	17.6	16.2	14.9	13.7	12.6	11.5	10.5	9.8	9.1	8.7
-32.5°	18.5	17.1	15.8	14.6	13.4	12.3	11.2	10.4	9.6	9.0	8.6
-33.75°	18.0	16.6	15.4	14.2	13.0	12.0	10.9	10.2	9.5	8.9	8.5
-35°	17.5	16.2	15.0	13.8	12.7	11.7	10.7	10.0	9.3	8.8	8.5
-36.25°	17.0	15.7	14.6	13.4	12.4	11.4	10.5	9.8	9.1	8.8	8.4
-37.5°	16.4	15.3	14.2	13.1	12.1	11.1	10.3	9.6	9.0	8.7	8.3
-38.75°	15.9	14.8	13.7	12.7	11.7	10.8	10.1	9.4	8.9	8.6	8.2
-40°	15.4	14.4	13.3	12.3	11.4	10.6	9.9	9.2	8.8	8.5	8.1
-41.25°	14.9	13.9	12.9	12.0	11.0	10.3	9.7	9.1	8.7	8.4	8.0
-42.5°	14.4	13.4	12.5	11.6	10.7	10.1	9.5	9.0	8.6	8.3	7.9
-43.75°	13.9	13.0	12.1	11.2	10.5	9.9	9.2	8.8	8.5	8.2	7.8
-45°	13.4	12.5	11.7	10.8	10.2	9.6	9.0	8.7	8.4	8.1	7.6
-46.25°	12.9	12.1	11.2	10.5	9.9	9.3	8.9	8.6	8.3	7.9	7.5
-47.5°	12.4	11.6	10.8	10.2	9.7	9.1	8.8	8.5	8.2	7.8	7.4
-48.75°	11.9	11.1	10.5	9.9	9.4	9.0	8.7	8.4	8.1	7.6	7.2
-50°	11.4	10.7	10.2	9.6	9.1	8.8	8.5	8.3	7.9	7.5	7.1
-51.25°	10.9	10.4	9.9	9.3	9.0	8.7	8.4	8.1	7.7	7.3	6.9
-52.5°	10.6	10.1	9.5	9.1	8.8	8.5	8.3	7.9	7.6	7.2	6.8
-53.75°	10.2	9.7	9.2	8.9	8.7	8.4	8.1	7.8	7.4	7.0	6.6
-55°	9.8	9.4	9.0	8.8	8.5	8.3	7.9	7.6	7.2	6.9	6.4
-56.25°	9.5	9.1	8.8	8.6	8.4	8.1	7.7	7.4	7.0	6.6	6.2
-57.5°	9.1	8.9	8.6	8.4	8.2	7.9	7.5	7.2	6.9	6.4	6.0
-58.75°	8.9	8.7	8.5	8.3	8.0	7.7	7.3	7.0	6.6	6.2	5.8
-60°	8.7	8.5	8.3	8.0	7.7	7.4	7.1	6.8	6.4	6.0	5.6
-61.25°	8.5	8.3	8.1	7.8	7.5	7.2	6.9	6.5	6.1	5.8	5.4
-62.5°	8.3	8.1	7.8	7.6	7.3	7.0	6.7	6.3	5.9	5.5	5.1
-63.75°	8.1	7.8	7.6	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.9
-65°	7.8	7.6	7.3	7.1	6.8	6.4	6.1	5.8	5.4	5.1	4.7
-66.25°	7.5	7.3	7.0	6.8	6.4	6.1	5.8	5.5	5.2	4.8	4.5
-67.5°	7.2	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3
-68.75°	6.9	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1
-70°	6.5	6.3	6.0	5.8	5.5	5.2	4.9	4.7	4.4	4.1	3.8
-71.25°	6.1	5.9	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.9	3.6
-72.5°	5.8	5.5	5.3	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.3
-73.75°	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.1
-75°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.0	2.8
-76.25°	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.7	2.5
-77.5°	4.2	4.0	3.8	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2



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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°
-78.75°	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9
-80°	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.6
-81.25°	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3
-82.5°	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.1
-83.75°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
-85°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-86.25°	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5
-87.5°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-88.75°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
86.25°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
85°	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1
83.75°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
82.5°	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
81.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
80°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
78.75°	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
77.5°	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
76.25°	2.2	1.9	1.7	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
75°	2.5	2.2	1.9	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.3
73.75°	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.5	0.4
72.5°	3.0	2.7	2.4	2.1	1.7	1.4	1.2	1.0	0.8	0.6	0.4
71.25°	3.3	3.0	2.6	2.3	1.9	1.6	1.3	1.0	0.8	0.6	0.4
70°	3.6	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.9	0.7	0.4
68.75°	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.2	0.9	0.7	0.5
67.5°	4.0	3.6	3.3	2.9	2.5	2.0	1.6	1.2	1.0	0.7	0.5
66.25°	4.2	3.8	3.5	3.1	2.6	2.2	1.8	1.3	1.0	0.8	0.5
65°	4.4	4.0	3.7	3.3	2.8	2.3	1.9	1.4	1.1	0.8	0.5
63.75°	4.6	4.2	3.8	3.5	3.0	2.5	2.0	1.5	1.1	0.9	0.6
62.5°	4.8	4.4	4.0	3.6	3.1	2.6	2.1	1.6	1.2	0.9	0.6
61.25°	5.0	4.6	4.2	3.8	3.3	2.8	2.3	1.7	1.2	0.9	0.6
60°	5.2	4.7	4.3	3.9	3.5	2.9	2.4	1.8	1.3	1.0	0.6
58.75°	5.3	4.9	4.5	4.0	3.6	3.1	2.5	1.9	1.4	1.0	0.7
57.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.6	2.1	1.5	1.0	0.7
56.25°	5.7	5.3	4.8	4.3	3.9	3.4	2.8	2.2	1.5	1.1	0.7
55°	5.9	5.4	4.9	4.5	4.0	3.5	2.9	2.3	1.6	1.1	0.7
53.75°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.3	1.7	1.2	0.8
52.5°	6.3	5.8	5.2	4.7	4.2	3.7	3.1	2.4	1.8	1.2	0.8
51.25°	6.4	5.9	5.4	4.9	4.3	3.8	3.2	2.5	1.9	1.2	0.8
50°	6.6	6.1	5.5	5.0	4.5	3.9	3.3	2.6	1.9	1.3	0.8
48.75°	6.8	6.2	5.7	5.1	4.6	4.0	3.4	2.7	2.0	1.3	0.9
47.5°	6.9	6.4	5.8	5.3	4.7	4.1	3.5	2.8	2.1	1.3	0.9
46.25°	7.1	6.5	6.0	5.4	4.8	4.2	3.6	2.9	2.1	1.4	0.9
45°	7.2	6.7	6.1	5.5	4.9	4.3	3.7	3.0	2.2	1.4	0.9
43.75°	7.3	6.8	6.2	5.6	5.0	4.4	3.8	3.1	2.3	1.5	0.9
42.5°	7.4	6.9	6.3	5.7	5.1	4.5	3.9	3.2	2.3	1.5	1.0
41.25°	7.5	7.1	6.5	5.8	5.2	4.6	3.9	3.2	2.4	1.6	1.0
40°	7.6	7.2	6.6	5.9	5.3	4.7	4.0	3.3	2.5	1.6	1.0
38.75°	7.8	7.3	6.7	6.1	5.4	4.7	4.1	3.4	2.5	1.7	1.0
37.5°	7.9	7.4	6.8	6.2	5.5	4.8	4.1	3.5	2.6	1.7	1.0
36.25°	8.0	7.4	6.9	6.3	5.6	4.9	4.2	3.5	2.6	1.8	1.0
35°	8.1	7.5	7.0	6.4	5.7	5.0	4.3	3.6	2.7	1.8	1.1



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	8.2	7.6	7.1	6.4	5.7	5.0	4.3	3.6	2.8	1.8	1.1
32.5°	8.2	7.7	7.2	6.5	5.8	5.1	4.4	3.7	2.8	1.9	1.1
31.25°	8.3	7.8	7.2	6.6	5.9	5.2	4.5	3.7	2.9	1.9	1.1
30°	8.4	7.9	7.3	6.7	6.0	5.2	4.5	3.8	2.9	2.0	1.1
28.75°	8.4	8.0	7.4	6.8	6.1	5.3	4.6	3.8	3.0	2.0	1.1
27.5°	8.5	8.0	7.5	6.9	6.1	5.4	4.6	3.9	3.0	2.0	1.2
26.25°	8.5	8.1	7.5	6.9	6.2	5.4	4.7	3.9	3.0	2.1	1.2
25°	8.6	8.2	7.6	7.0	6.3	5.5	4.7	4.0	3.1	2.1	1.2
23.75°	8.6	8.2	7.6	7.0	6.3	5.5	4.8	4.0	3.1	2.1	1.2
22.5°	8.7	8.3	7.7	7.1	6.4	5.6	4.8	4.0	3.2	2.1	1.2
21.25°	8.7	8.3	7.8	7.1	6.4	5.6	4.9	4.1	3.2	2.2	1.2
20°	8.8	8.3	7.8	7.2	6.5	5.7	4.9	4.1	3.2	2.2	1.2
18.75°	8.8	8.4	7.8	7.2	6.5	5.7	4.9	4.1	3.3	2.2	1.2
17.5°	8.8	8.4	7.9	7.3	6.6	5.8	5.0	4.2	3.3	2.2	1.2
16.25°	8.9	8.4	7.9	7.3	6.6	5.8	5.0	4.2	3.3	2.3	1.2
15°	8.9	8.5	8.0	7.3	6.7	5.8	5.0	4.2	3.3	2.3	1.3
13.75°	8.9	8.5	8.0	7.4	6.7	5.9	5.1	4.2	3.4	2.3	1.3
12.5°	9.0	8.5	8.0	7.4	6.7	5.9	5.1	4.2	3.4	2.3	1.3
11.25°	9.0	8.6	8.1	7.4	6.8	5.9	5.1	4.3	3.4	2.3	1.3
10°	9.0	8.6	8.1	7.5	6.8	6.0	5.1	4.3	3.4	2.3	1.3
8.75°	9.0	8.6	8.1	7.5	6.8	6.0	5.1	4.3	3.4	2.4	1.3
7.5°	9.1	8.6	8.1	7.5	6.8	6.0	5.2	4.3	3.5	2.4	1.3
6.25°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
5°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
3.75°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
2.5°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
1.25°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
0°	9.1	8.7	8.2	7.6	6.9	6.1	5.2	4.4	3.5	2.4	1.3
-1.25°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
-2.5°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
-3.75°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
-5°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
-6.25°	9.1	8.6	8.2	7.5	6.9	6.0	5.2	4.3	3.5	2.4	1.3
-7.5°	9.1	8.6	8.1	7.5	6.8	6.0	5.2	4.3	3.5	2.4	1.3
-8.75°	9.0	8.6	8.1	7.5	6.8	6.0	5.1	4.3	3.4	2.4	1.3
-10°	9.0	8.6	8.1	7.5	6.8	6.0	5.1	4.3	3.4	2.3	1.3
-11.25°	9.0	8.6	8.1	7.4	6.8	5.9	5.1	4.3	3.4	2.3	1.3
-12.5°	9.0	8.5	8.0	7.4	6.7	5.9	5.1	4.2	3.4	2.3	1.3
-13.75°	8.9	8.5	8.0	7.4	6.7	5.9	5.1	4.2	3.4	2.3	1.3
-15°	8.9	8.5	8.0	7.3	6.7	5.8	5.0	4.2	3.3	2.3	1.3
-16.25°	8.9	8.4	7.9	7.3	6.6	5.8	5.0	4.2	3.3	2.3	1.2
-17.5°	8.8	8.4	7.9	7.3	6.6	5.8	5.0	4.2	3.3	2.2	1.2
-18.75°	8.8	8.4	7.8	7.2	6.5	5.7	4.9	4.1	3.3	2.2	1.2
-20°	8.8	8.3	7.8	7.2	6.5	5.7	4.9	4.1	3.2	2.2	1.2
-21.25°	8.7	8.3	7.8	7.1	6.4	5.6	4.9	4.1	3.2	2.2	1.2



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	8.7	8.3	7.7	7.1	6.4	5.6	4.8	4.0	3.2	2.1	1.2
-23.75°	8.6	8.2	7.6	7.0	6.3	5.5	4.8	4.0	3.1	2.1	1.2
-25°	8.6	8.2	7.6	7.0	6.3	5.5	4.7	4.0	3.1	2.1	1.2
-26.25°	8.5	8.1	7.5	6.9	6.2	5.4	4.7	3.9	3.0	2.1	1.2
-27.5°	8.5	8.0	7.5	6.9	6.1	5.4	4.6	3.9	3.0	2.0	1.2
-28.75°	8.4	8.0	7.4	6.8	6.1	5.3	4.6	3.8	3.0	2.0	1.1
-30°	8.4	7.9	7.3	6.7	6.0	5.2	4.5	3.8	2.9	2.0	1.1
-31.25°	8.3	7.8	7.2	6.6	5.9	5.2	4.5	3.7	2.9	1.9	1.1
-32.5°	8.2	7.7	7.2	6.5	5.8	5.1	4.4	3.7	2.8	1.9	1.1
-33.75°	8.2	7.6	7.1	6.4	5.7	5.0	4.3	3.6	2.8	1.8	1.1
-35°	8.1	7.5	7.0	6.4	5.7	5.0	4.3	3.6	2.7	1.8	1.1
-36.25°	8.0	7.4	6.9	6.3	5.6	4.9	4.2	3.5	2.6	1.8	1.0
-37.5°	7.9	7.4	6.8	6.2	5.5	4.8	4.1	3.5	2.6	1.7	1.0
-38.75°	7.8	7.3	6.7	6.1	5.4	4.7	4.1	3.4	2.5	1.7	1.0
-40°	7.6	7.2	6.6	5.9	5.3	4.7	4.0	3.3	2.5	1.6	1.0
-41.25°	7.5	7.1	6.5	5.8	5.2	4.6	3.9	3.2	2.4	1.6	1.0
-42.5°	7.4	6.9	6.3	5.7	5.1	4.5	3.9	3.2	2.3	1.5	1.0
-43.75°	7.3	6.8	6.2	5.6	5.0	4.4	3.8	3.1	2.3	1.5	0.9
-45°	7.2	6.7	6.1	5.5	4.9	4.3	3.7	3.0	2.2	1.4	0.9
-46.25°	7.1	6.5	6.0	5.4	4.8	4.2	3.6	2.9	2.1	1.4	0.9
-47.5°	6.9	6.4	5.8	5.3	4.7	4.1	3.5	2.8	2.1	1.3	0.9
-48.75°	6.8	6.2	5.7	5.1	4.6	4.0	3.4	2.7	2.0	1.3	0.9
-50°	6.6	6.1	5.5	5.0	4.5	3.9	3.3	2.6	1.9	1.3	0.8
-51.25°	6.4	5.9	5.4	4.9	4.3	3.8	3.2	2.5	1.9	1.2	0.8
-52.5°	6.3	5.8	5.2	4.7	4.2	3.7	3.1	2.4	1.8	1.2	0.8
-53.75°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.3	1.7	1.2	0.8
-55°	5.9	5.4	4.9	4.5	4.0	3.5	2.9	2.3	1.6	1.1	0.7
-56.25°	5.7	5.3	4.8	4.3	3.9	3.4	2.8	2.2	1.5	1.1	0.7
-57.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.6	2.1	1.5	1.0	0.7
-58.75°	5.3	4.9	4.5	4.0	3.6	3.1	2.5	1.9	1.4	1.0	0.7
-60°	5.2	4.7	4.3	3.9	3.5	2.9	2.4	1.8	1.3	1.0	0.6
-61.25°	5.0	4.6	4.2	3.8	3.3	2.8	2.3	1.7	1.2	0.9	0.6
-62.5°	4.8	4.4	4.0	3.6	3.1	2.6	2.1	1.6	1.2	0.9	0.6
-63.75°	4.6	4.2	3.8	3.5	3.0	2.5	2.0	1.5	1.1	0.9	0.6
-65°	4.4	4.0	3.7	3.3	2.8	2.3	1.9	1.4	1.1	0.8	0.5
-66.25°	4.2	3.8	3.5	3.1	2.6	2.2	1.8	1.3	1.0	0.8	0.5
-67.5°	4.0	3.6	3.3	2.9	2.5	2.0	1.6	1.2	1.0	0.7	0.5
-68.75°	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.2	0.9	0.7	0.5
-70°	3.6	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.9	0.7	0.4
-71.25°	3.3	3.0	2.6	2.3	1.9	1.6	1.3	1.0	0.8	0.6	0.4
-72.5°	3.0	2.7	2.4	2.1	1.7	1.4	1.2	1.0	0.8	0.6	0.4
-73.75°	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.5	0.4
-75°	2.5	2.2	1.9	1.6	1.4	1.2	1.0	0.8	0.7	0.5	0.3
-76.25°	2.2	1.9	1.7	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-77.5°	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-80°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-81.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-82.5°	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-83.75°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-85°	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1
-86.25°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-87.5°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-88.75°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.5	0.0
32.5°	0.5	0.0
31.25°	0.6	0.0
30°	0.6	0.0
28.75°	0.6	0.0
27.5°	0.6	0.0
26.25°	0.6	0.0
25°	0.6	0.0
23.75°	0.6	0.0
22.5°	0.6	0.0
21.25°	0.6	0.0
20°	0.6	0.0
18.75°	0.6	0.0
17.5°	0.6	0.0
16.25°	0.6	0.0
15°	0.6	0.0
13.75°	0.6	0.0
12.5°	0.6	0.0
11.25°	0.6	0.0
10°	0.6	0.0
8.75°	0.6	0.0
7.5°	0.6	0.0
6.25°	0.6	0.0
5°	0.6	0.0
3.75°	0.6	0.0
2.5°	0.6	0.0
1.25°	0.6	0.0
0°	0.6	0.0
-1.25°	0.6	0.0
-2.5°	0.6	0.0
-3.75°	0.6	0.0
-5°	0.6	0.0
-6.25°	0.6	0.0
-7.5°	0.6	0.0
-8.75°	0.6	0.0
-10°	0.6	0.0
-11.25°	0.6	0.0
-12.5°	0.6	0.0
-13.75°	0.6	0.0
-15°	0.6	0.0
-16.25°	0.6	0.0
-17.5°	0.6	0.0
-18.75°	0.6	0.0
-20°	0.6	0.0
-21.25°	0.6	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.6	0.0
-23.75°	0.6	0.0
-25°	0.6	0.0
-26.25°	0.6	0.0
-27.5°	0.6	0.0
-28.75°	0.6	0.0
-30°	0.6	0.0
-31.25°	0.6	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.5	0.0
-37.5°	0.5	0.0
-38.75°	0.5	0.0
-40°	0.5	0.0
-41.25°	0.5	0.0
-42.5°	0.5	0.0
-43.75°	0.5	0.0
-45°	0.5	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.4	0.0
-52.5°	0.4	0.0
-53.75°	0.4	0.0
-55°	0.4	0.0
-56.25°	0.4	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	0.0
-63.75°	0.3	0.0
-65°	0.3	0.0
-66.25°	0.3	0.0
-67.5°	0.2	0.0
-68.75°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.2	0.0
-75°	0.2	0.0
-76.25°	0.2	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P220440 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)