

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: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

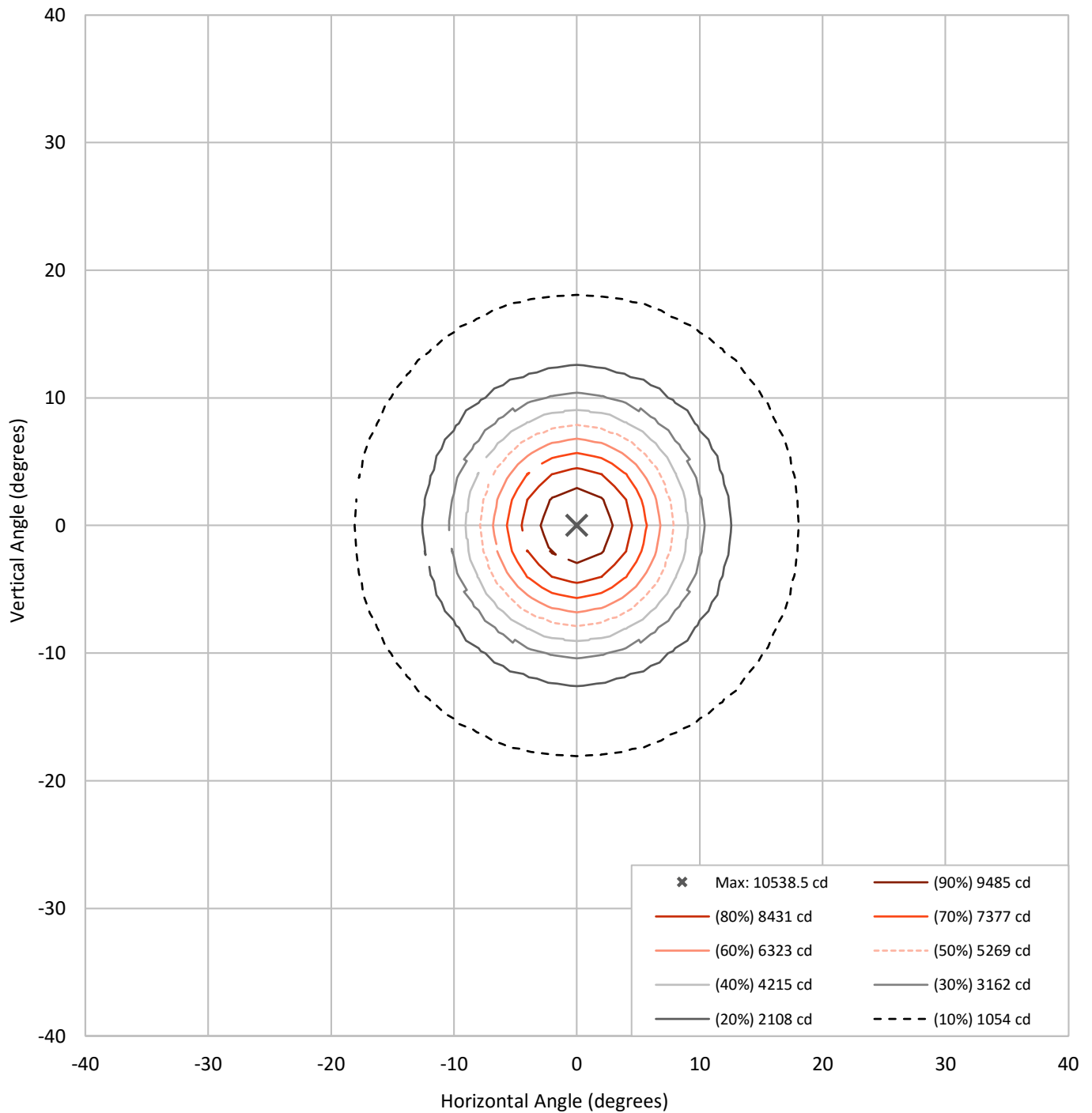
Test Method: LM-79-08
Report Number: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-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:	1437.3 lumens	Max Intensity:	10538.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.5 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:	438.6 lumens	Field Lumens:	967.7 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





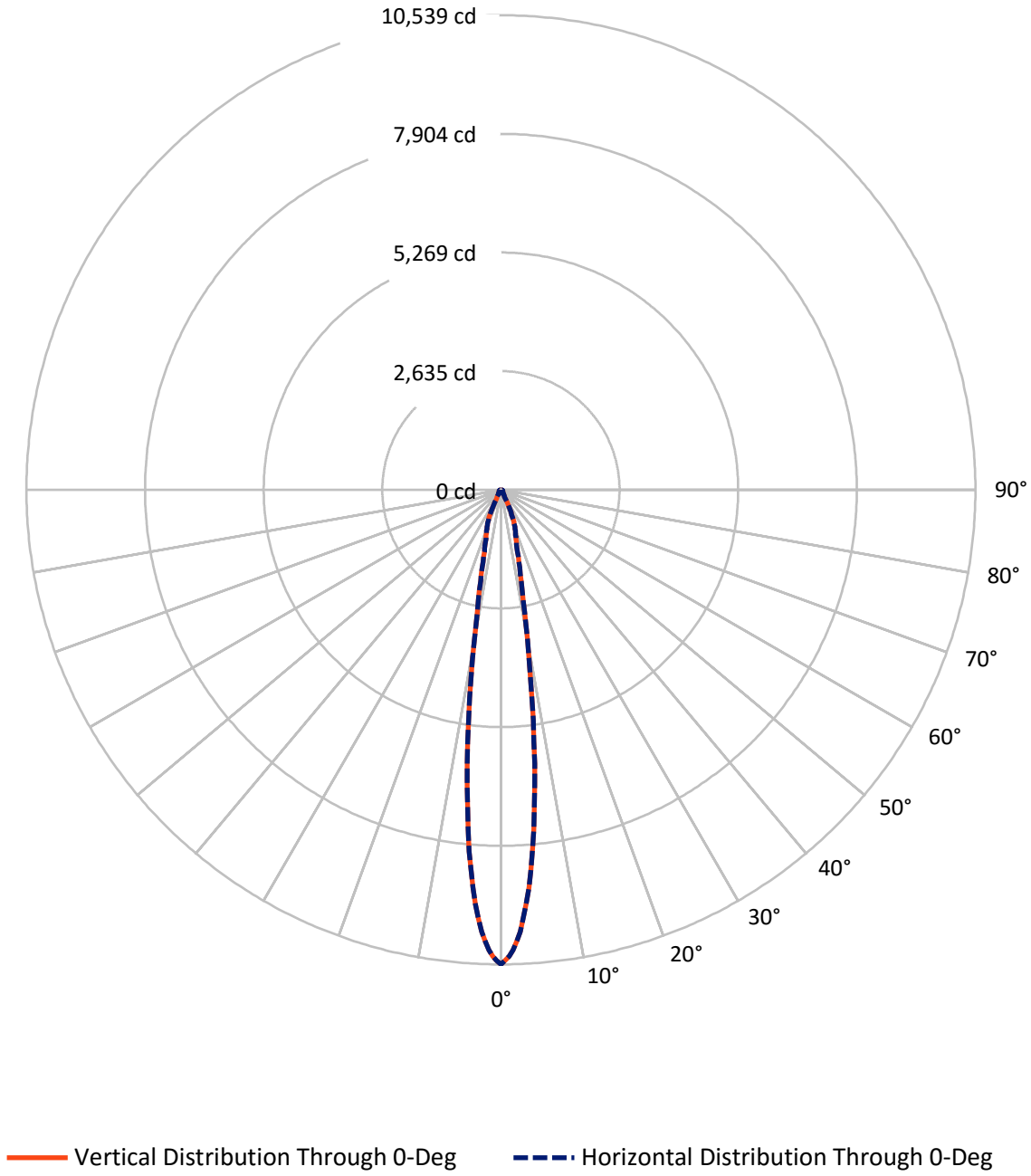
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Lumen Table

90	0.1	0.4	0.9	1.3	1.4	1.3	0.9	0.4	0.1										
80	0.1	0.4	0.9	1.3	1.4	1.3	0.9	0.4	0.1										
70	0.2	0.2	0.3	0.4	0.6	0.9	1.0	1.1	1.1	1.0	0.9	0.6	0.4	0.3	0.2	0.2			
60		0.2	0.4	0.7	1.1	1.4	1.5	1.6	1.6	1.5	1.4	1.1	0.7	0.4	0.2				
50	0.3	0.3	0.6	1.0	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.6	0.3	0.3			
40		0.3	0.8	1.1	1.4	1.7	2.0	2.2	2.2	2.0	1.7	1.4	1.1	0.8	0.3				
30	0.3	0.4	0.9	1.2	1.5	2.1	5.3	12.2	12.2	5.3	2.1	1.5	1.2	0.9	0.4	0.3			
20		0.5	0.9	1.2	1.7	5.0	23.4	43.4	43.4	23.4	5.0	1.7	1.2	0.9	0.5				
10	0.3	0.5	0.9	1.2	1.8	11.3	42.2	168.6	168.6	42.2	11.3	1.8	1.2	0.9	0.5	0.3			
0		0.5	0.9	1.2	1.8	11.3	42.2	168.6	168.6	42.2	11.3	1.8	1.2	0.9	0.5				
-10	0.3	0.5	0.9	1.2	1.7	5.0	23.4	43.4	43.4	23.4	5.0	1.7	1.2	0.9	0.5	0.3			
-20		0.4	0.9	1.2	1.5	2.1	5.3	12.2	12.2	5.3	2.1	1.5	1.2	0.9	0.4				
-30	0.3	0.3	0.8	1.1	1.4	1.7	2.0	2.2	2.2	2.0	1.7	1.4	1.1	0.8	0.3	0.3			
-40		0.3	0.6	1.0	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.6	0.3				
-50	0.2	0.2	0.4	0.7	1.1	1.4	1.5	1.6	1.6	1.5	1.4	1.1	0.7	0.4	0.2	0.2			
-60		0.2	0.3	0.4	0.6	0.9	1.0	1.1	1.1	1.0	0.9	0.6	0.4	0.3	0.2				
-70	0.1	0.4	0.9	1.3	1.4	1.3	0.9	0.4	0.1						0.1				
-80		0.4	0.9	1.3	1.4	1.3	0.9	0.4	0.1										
-90	0.1	0.4	0.9	1.3	1.4	1.3	0.9	0.4	0.1						0.1				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

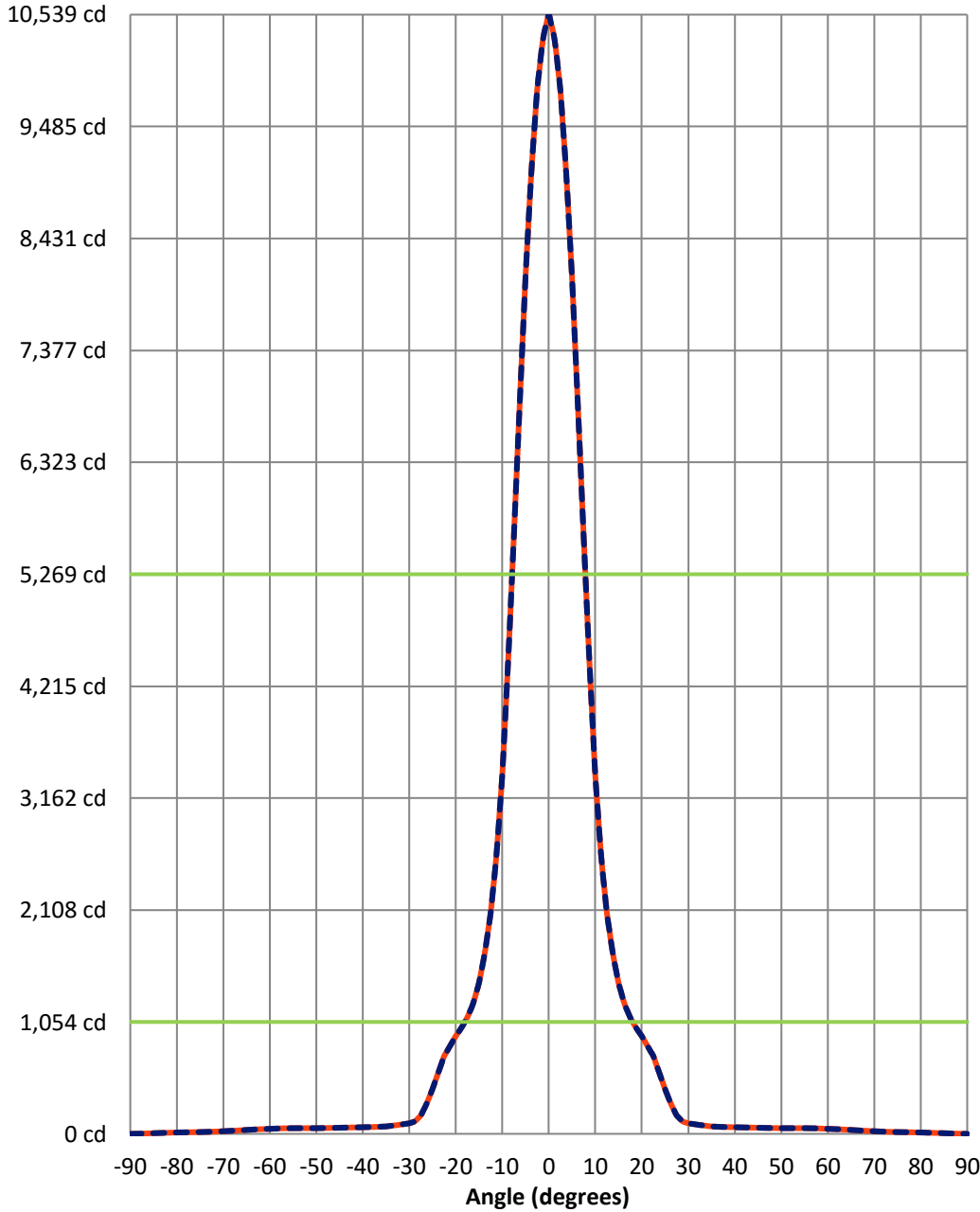
REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 15.8°
 V Angle: 15.8°
 Lumens: 438.6
 Efficiency: 30.5%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 967.7
 Efficiency: 67.3%

Spill:
 Lumens: 469.5
 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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
83.75°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6
81.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
78.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.7
76.25°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.7	3.1
75°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	3.0	3.5
73.75°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.9	3.4	4.0
72.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.2	3.8	4.4
71.25°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.9	3.5	4.2	4.8
70°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.2	3.8	4.5	5.2
68.75°	0.0	0.4	0.9	1.3	1.7	2.2	2.7	3.5	4.2	4.9	5.6
67.5°	0.0	0.5	0.9	1.4	1.8	2.3	3.0	3.7	4.5	5.3	6.0
66.25°	0.0	0.5	1.0	1.4	1.9	2.4	3.2	4.0	4.8	5.6	6.4
65°	0.0	0.5	1.0	1.5	2.0	2.6	3.5	4.3	5.1	6.0	6.7
63.75°	0.0	0.5	1.1	1.6	2.1	2.8	3.7	4.6	5.4	6.3	7.0
62.5°	0.0	0.6	1.1	1.7	2.2	3.0	3.9	4.8	5.8	6.6	7.3
61.25°	0.0	0.6	1.2	1.7	2.3	3.2	4.2	5.1	6.1	6.9	7.6
60°	0.0	0.6	1.2	1.8	2.4	3.4	4.4	5.4	6.4	7.2	8.0
58.75°	0.0	0.6	1.2	1.9	2.5	3.6	4.6	5.6	6.6	7.4	8.3
57.5°	0.0	0.6	1.3	1.9	2.7	3.8	4.8	5.9	6.9	7.7	8.5
56.25°	0.0	0.7	1.3	2.0	2.8	3.9	5.1	6.2	7.1	8.0	8.8
55°	0.0	0.7	1.4	2.1	3.0	4.1	5.3	6.4	7.3	8.2	9.1
53.75°	0.0	0.7	1.4	2.1	3.1	4.3	5.5	6.6	7.5	8.5	9.4
52.5°	0.0	0.7	1.5	2.2	3.3	4.5	5.7	6.8	7.8	8.7	9.7
51.25°	0.0	0.8	1.5	2.3	3.4	4.7	5.9	7.0	8.0	9.0	10.0
50°	0.0	0.8	1.5	2.3	3.5	4.8	6.1	7.2	8.2	9.2	10.2
48.75°	0.0	0.8	1.6	2.4	3.7	5.0	6.3	7.4	8.4	9.5	10.5
47.5°	0.0	0.8	1.6	2.5	3.8	5.1	6.5	7.6	8.6	9.7	10.8
46.25°	0.0	0.8	1.7	2.5	3.9	5.3	6.6	7.7	8.8	9.9	11.0
45°	0.0	0.8	1.7	2.6	4.1	5.5	6.8	7.9	9.0	10.1	11.3
43.75°	0.0	0.9	1.7	2.7	4.2	5.6	6.9	8.1	9.2	10.4	11.5
42.5°	0.0	0.9	1.8	2.8	4.3	5.8	7.1	8.2	9.4	10.6	11.8
41.25°	0.0	0.9	1.8	2.9	4.4	5.9	7.2	8.4	9.6	10.8	12.0
40°	0.0	0.9	1.8	3.0	4.5	6.1	7.3	8.6	9.8	11.0	12.2
38.75°	0.0	0.9	1.9	3.1	4.6	6.2	7.5	8.7	10.0	11.2	12.4
37.5°	0.0	1.0	1.9	3.2	4.7	6.3	7.6	8.9	10.1	11.4	12.7
36.25°	0.0	1.0	1.9	3.2	4.8	6.4	7.7	9.0	10.3	11.6	12.9
35°	0.0	1.0	2.0	3.3	5.0	6.5	7.9	9.2	10.5	11.8	13.0



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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	1.0	2.0	3.4	5.0	6.6	8.0	9.3	10.6	11.9	13.2
32.5°	0.0	1.0	2.0	3.5	5.1	6.7	8.1	9.4	10.8	12.1	13.3
31.25°	0.0	1.0	2.1	3.5	5.2	6.8	8.2	9.6	10.9	12.3	13.4
30°	0.0	1.0	2.1	3.6	5.3	6.9	8.3	9.7	11.1	12.5	13.6
28.75°	0.0	1.1	2.1	3.7	5.4	7.0	8.4	9.8	11.2	12.6	13.7
27.5°	0.0	1.1	2.1	3.7	5.5	7.1	8.5	9.9	11.3	12.8	13.8
26.25°	0.0	1.1	2.2	3.8	5.6	7.2	8.6	10.0	11.5	12.9	13.9
25°	0.0	1.1	2.2	3.8	5.6	7.2	8.7	10.1	11.6	13.0	14.1
23.75°	0.0	1.1	2.2	3.9	5.7	7.3	8.8	10.2	11.7	13.1	14.2
22.5°	0.0	1.1	2.2	3.9	5.8	7.4	8.9	10.3	11.8	13.2	14.3
21.25°	0.0	1.1	2.2	4.0	5.9	7.5	8.9	10.4	11.9	13.3	14.4
20°	0.0	1.1	2.3	4.0	5.9	7.5	9.0	10.5	12.0	13.3	14.5
18.75°	0.0	1.1	2.3	4.1	6.0	7.6	9.1	10.6	12.1	13.4	14.6
17.5°	0.0	1.1	2.3	4.1	6.0	7.6	9.2	10.7	12.2	13.5	14.6
16.25°	0.0	1.2	2.3	4.2	6.1	7.7	9.2	10.7	12.3	13.6	14.7
15°	0.0	1.2	2.3	4.2	6.1	7.7	9.3	10.8	12.4	13.6	14.8
13.75°	0.0	1.2	2.3	4.2	6.2	7.8	9.3	10.9	12.4	13.7	14.9
12.5°	0.0	1.2	2.3	4.3	6.2	7.8	9.4	10.9	12.5	13.7	14.9
11.25°	0.0	1.2	2.4	4.3	6.2	7.8	9.4	11.0	12.6	13.8	15.0
10°	0.0	1.2	2.4	4.3	6.3	7.9	9.5	11.0	12.6	13.8	15.0
8.75°	0.0	1.2	2.4	4.3	6.3	7.9	9.5	11.1	12.6	13.9	15.1
7.5°	0.0	1.2	2.4	4.3	6.3	7.9	9.5	11.1	12.7	13.9	15.1
6.25°	0.0	1.2	2.4	4.4	6.4	8.0	9.5	11.1	12.7	13.9	15.1
5°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
3.75°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
2.5°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
1.25°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
0°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
-1.25°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
-2.5°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
-3.75°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
-5°	0.0	1.2	2.4	4.4	6.4	8.0	9.6	11.2	12.8	14.0	15.2
-6.25°	0.0	1.2	2.4	4.4	6.4	8.0	9.5	11.1	12.7	13.9	15.1
-7.5°	0.0	1.2	2.4	4.3	6.3	7.9	9.5	11.1	12.7	13.9	15.1
-8.75°	0.0	1.2	2.4	4.3	6.3	7.9	9.5	11.1	12.6	13.9	15.1
-10°	0.0	1.2	2.4	4.3	6.3	7.9	9.5	11.0	12.6	13.8	15.0
-11.25°	0.0	1.2	2.4	4.3	6.2	7.8	9.4	11.0	12.6	13.8	15.0
-12.5°	0.0	1.2	2.3	4.3	6.2	7.8	9.4	10.9	12.5	13.7	14.9
-13.75°	0.0	1.2	2.3	4.2	6.2	7.8	9.3	10.9	12.4	13.7	14.9
-15°	0.0	1.2	2.3	4.2	6.1	7.7	9.3	10.8	12.4	13.6	14.8
-16.25°	0.0	1.2	2.3	4.2	6.1	7.7	9.2	10.7	12.3	13.6	14.7
-17.5°	0.0	1.1	2.3	4.1	6.0	7.6	9.2	10.7	12.2	13.5	14.6
-18.75°	0.0	1.1	2.3	4.1	6.0	7.6	9.1	10.6	12.1	13.4	14.6
-20°	0.0	1.1	2.3	4.0	5.9	7.5	9.0	10.5	12.0	13.3	14.5
-21.25°	0.0	1.1	2.2	4.0	5.9	7.5	8.9	10.4	11.9	13.3	14.4



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.1	2.2	3.9	5.8	7.4	8.9	10.3	11.8	13.2	14.3
-23.75°	0.0	1.1	2.2	3.9	5.7	7.3	8.8	10.2	11.7	13.1	14.2
-25°	0.0	1.1	2.2	3.8	5.6	7.2	8.7	10.1	11.6	13.0	14.1
-26.25°	0.0	1.1	2.2	3.8	5.6	7.2	8.6	10.0	11.5	12.9	13.9
-27.5°	0.0	1.1	2.1	3.7	5.5	7.1	8.5	9.9	11.3	12.8	13.8
-28.75°	0.0	1.1	2.1	3.7	5.4	7.0	8.4	9.8	11.2	12.6	13.7
-30°	0.0	1.0	2.1	3.6	5.3	6.9	8.3	9.7	11.1	12.5	13.6
-31.25°	0.0	1.0	2.1	3.5	5.2	6.8	8.2	9.6	10.9	12.3	13.4
-32.5°	0.0	1.0	2.0	3.5	5.1	6.7	8.1	9.4	10.8	12.1	13.3
-33.75°	0.0	1.0	2.0	3.4	5.0	6.6	8.0	9.3	10.6	11.9	13.2
-35°	0.0	1.0	2.0	3.3	5.0	6.5	7.9	9.2	10.5	11.8	13.0
-36.25°	0.0	1.0	1.9	3.2	4.8	6.4	7.7	9.0	10.3	11.6	12.9
-37.5°	0.0	1.0	1.9	3.2	4.7	6.3	7.6	8.9	10.1	11.4	12.7
-38.75°	0.0	0.9	1.9	3.1	4.6	6.2	7.5	8.7	10.0	11.2	12.4
-40°	0.0	0.9	1.8	3.0	4.5	6.1	7.3	8.6	9.8	11.0	12.2
-41.25°	0.0	0.9	1.8	2.9	4.4	5.9	7.2	8.4	9.6	10.8	12.0
-42.5°	0.0	0.9	1.8	2.8	4.3	5.8	7.1	8.2	9.4	10.6	11.8
-43.75°	0.0	0.9	1.7	2.7	4.2	5.6	6.9	8.1	9.2	10.4	11.5
-45°	0.0	0.8	1.7	2.6	4.1	5.5	6.8	7.9	9.0	10.1	11.3
-46.25°	0.0	0.8	1.7	2.5	3.9	5.3	6.6	7.7	8.8	9.9	11.0
-47.5°	0.0	0.8	1.6	2.5	3.8	5.1	6.5	7.6	8.6	9.7	10.8
-48.75°	0.0	0.8	1.6	2.4	3.7	5.0	6.3	7.4	8.4	9.5	10.5
-50°	0.0	0.8	1.5	2.3	3.5	4.8	6.1	7.2	8.2	9.2	10.2
-51.25°	0.0	0.8	1.5	2.3	3.4	4.7	5.9	7.0	8.0	9.0	10.0
-52.5°	0.0	0.7	1.5	2.2	3.3	4.5	5.7	6.8	7.8	8.7	9.7
-53.75°	0.0	0.7	1.4	2.1	3.1	4.3	5.5	6.6	7.5	8.5	9.4
-55°	0.0	0.7	1.4	2.1	3.0	4.1	5.3	6.4	7.3	8.2	9.1
-56.25°	0.0	0.7	1.3	2.0	2.8	3.9	5.1	6.2	7.1	8.0	8.8
-57.5°	0.0	0.6	1.3	1.9	2.7	3.8	4.8	5.9	6.9	7.7	8.5
-58.75°	0.0	0.6	1.2	1.9	2.5	3.6	4.6	5.6	6.6	7.4	8.3
-60°	0.0	0.6	1.2	1.8	2.4	3.4	4.4	5.4	6.4	7.2	8.0
-61.25°	0.0	0.6	1.2	1.7	2.3	3.2	4.2	5.1	6.1	6.9	7.6
-62.5°	0.0	0.6	1.1	1.7	2.2	3.0	3.9	4.8	5.8	6.6	7.3
-63.75°	0.0	0.5	1.1	1.6	2.1	2.8	3.7	4.6	5.4	6.3	7.0
-65°	0.0	0.5	1.0	1.5	2.0	2.6	3.5	4.3	5.1	6.0	6.7
-66.25°	0.0	0.5	1.0	1.4	1.9	2.4	3.2	4.0	4.8	5.6	6.4
-67.5°	0.0	0.5	0.9	1.4	1.8	2.3	3.0	3.7	4.5	5.3	6.0
-68.75°	0.0	0.4	0.9	1.3	1.7	2.2	2.7	3.5	4.2	4.9	5.6
-70°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.2	3.8	4.5	5.2
-71.25°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.9	3.5	4.2	4.8
-72.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.2	3.8	4.4
-73.75°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.9	3.4	4.0
-75°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	3.0	3.5
-76.25°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.7	3.1
-77.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.7



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
-81.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6
-83.75°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-88.75°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
86.25°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6
85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
83.75°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.8
82.5°	1.7	1.9	2.0	2.2	2.3	2.5	2.7	3.0	3.2	3.5	3.7
81.25°	2.0	2.2	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.3	4.6
80°	2.3	2.5	2.9	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4
78.75°	2.7	3.0	3.4	3.8	4.2	4.5	4.9	5.3	5.6	6.0	6.3
77.5°	3.1	3.5	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.0
76.25°	3.6	4.0	4.5	5.0	5.4	5.9	6.3	6.7	7.0	7.4	7.7
75°	4.0	4.5	5.0	5.5	6.0	6.5	6.9	7.3	7.7	8.0	8.4
73.75°	4.5	5.0	5.6	6.1	6.6	7.0	7.5	7.9	8.3	8.7	9.1
72.5°	5.0	5.5	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.8
71.25°	5.4	6.0	6.6	7.1	7.6	8.1	8.6	9.0	9.5	10.0	10.5
70°	5.9	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1
68.75°	6.3	6.9	7.5	8.0	8.6	9.1	9.7	10.2	10.7	11.3	11.8
67.5°	6.7	7.3	7.9	8.5	9.0	9.6	10.2	10.8	11.3	11.9	12.5
66.25°	7.0	7.7	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.5	13.1
65°	7.4	8.0	8.7	9.3	10.0	10.6	11.3	11.9	12.5	13.1	13.5
63.75°	7.7	8.4	9.1	9.8	10.5	11.1	11.8	12.5	13.1	13.5	14.0
62.5°	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.5	14.0	14.5
61.25°	8.4	9.2	9.9	10.6	11.4	12.1	12.8	13.4	13.9	14.5	15.0
60°	8.7	9.5	10.3	11.1	11.8	12.6	13.2	13.8	14.4	14.9	15.4
58.75°	9.1	9.9	10.7	11.5	12.3	13.0	13.6	14.2	14.8	15.3	15.7
57.5°	9.4	10.2	11.1	11.9	12.7	13.4	14.0	14.6	15.2	15.6	16.0
56.25°	9.7	10.6	11.4	12.3	13.1	13.7	14.4	15.0	15.5	15.9	16.3
55°	10.0	10.9	11.8	12.7	13.4	14.1	14.7	15.3	15.7	16.2	16.6
53.75°	10.3	11.3	12.2	13.0	13.7	14.4	15.1	15.6	16.0	16.5	17.0
52.5°	10.6	11.6	12.6	13.3	14.0	14.7	15.4	15.8	16.3	16.7	17.6
51.25°	11.0	11.9	12.9	13.6	14.3	15.1	15.6	16.1	16.5	17.2	18.2
50°	11.2	12.3	13.1	13.9	14.6	15.3	15.8	16.3	16.8	17.8	18.7
48.75°	11.5	12.6	13.4	14.2	14.9	15.5	16.0	16.6	17.3	18.3	19.3
47.5°	11.8	12.9	13.7	14.5	15.2	15.8	16.3	16.8	17.8	18.8	19.9
46.25°	12.1	13.1	13.9	14.7	15.4	16.0	16.5	17.2	18.3	19.4	20.6
45°	12.4	13.3	14.2	15.0	15.6	16.2	16.7	17.7	18.8	19.9	21.4
43.75°	12.7	13.5	14.4	15.2	15.8	16.4	17.0	18.1	19.2	20.5	22.2
42.5°	12.9	13.8	14.6	15.4	16.0	16.5	17.4	18.6	19.7	21.3	22.9
41.25°	13.1	14.0	14.9	15.6	16.2	16.7	17.8	19.0	20.2	22.0	23.7
40°	13.3	14.2	15.1	15.7	16.3	17.0	18.2	19.4	20.9	22.7	24.4
38.75°	13.5	14.4	15.3	15.9	16.5	17.4	18.6	19.8	21.5	23.3	25.2
37.5°	13.6	14.6	15.4	16.0	16.7	17.8	19.0	20.3	22.2	24.0	26.0
36.25°	13.8	14.8	15.5	16.2	16.8	18.1	19.4	20.9	22.8	24.7	26.8
35°	14.0	15.0	15.7	16.3	17.1	18.4	19.7	21.5	23.4	25.4	27.6



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	14.1	15.1	15.8	16.5	17.4	18.7	20.1	22.0	24.0	26.1	28.3
32.5°	14.3	15.3	15.9	16.6	17.7	19.1	20.6	22.6	24.5	26.8	29.1
31.25°	14.5	15.4	16.1	16.7	18.0	19.4	21.1	23.1	25.1	27.4	29.8
30°	14.6	15.5	16.2	16.9	18.3	19.7	21.5	23.6	25.7	28.1	30.5
28.75°	14.7	15.6	16.3	17.2	18.6	19.9	22.0	24.0	26.3	28.7	31.2
27.5°	14.9	15.7	16.4	17.4	18.8	20.3	22.4	24.5	26.9	29.3	31.9
26.25°	15.0	15.8	16.5	17.6	19.0	20.7	22.8	25.0	27.4	29.9	32.6
25°	15.1	15.9	16.6	17.8	19.3	21.1	23.2	25.5	28.0	30.5	33.3
23.75°	15.2	16.0	16.7	18.0	19.5	21.4	23.6	25.9	28.5	31.1	33.9
22.5°	15.3	16.1	16.8	18.2	19.7	21.8	24.0	26.4	28.9	31.6	34.5
21.25°	15.4	16.1	17.0	18.4	19.9	22.1	24.3	26.8	29.4	32.2	35.1
20°	15.5	16.2	17.1	18.6	20.2	22.4	24.6	27.2	29.8	32.7	35.7
18.75°	15.5	16.3	17.3	18.8	20.4	22.7	25.0	27.6	30.2	33.2	36.2
17.5°	15.6	16.3	17.4	18.9	20.7	23.0	25.3	27.9	30.6	33.6	36.7
16.25°	15.6	16.4	17.5	19.1	20.9	23.2	25.6	28.3	31.0	34.1	37.1
15°	15.7	16.5	17.7	19.2	21.1	23.4	25.9	28.6	31.4	34.5	37.5
13.75°	15.7	16.5	17.8	19.3	21.3	23.7	26.2	28.9	31.8	34.8	37.9
12.5°	15.8	16.6	17.9	19.5	21.5	23.9	26.4	29.1	32.1	35.2	38.3
11.25°	15.8	16.6	18.0	19.6	21.7	24.0	26.6	29.4	32.4	35.5	38.6
10°	15.9	16.7	18.1	19.6	21.8	24.2	26.8	29.6	32.6	35.8	38.9
8.75°	15.9	16.7	18.2	19.7	22.0	24.3	27.0	29.8	32.8	36.0	39.2
7.5°	15.9	16.7	18.2	19.8	22.1	24.5	27.2	29.9	33.0	36.2	39.4
6.25°	15.9	16.7	18.3	19.9	22.2	24.6	27.3	30.1	33.2	36.4	39.6
5°	16.0	16.8	18.3	19.9	22.3	24.6	27.4	30.2	33.4	36.5	39.7
3.75°	16.0	16.8	18.4	20.0	22.3	24.7	27.5	30.3	33.5	36.7	39.8
2.5°	16.0	16.8	18.4	20.0	22.4	24.8	27.6	30.3	33.5	36.7	39.9
1.25°	16.0	16.8	18.4	20.0	22.4	24.8	27.6	30.4	33.6	36.8	40.0
0°	16.0	16.8	18.4	20.0	22.4	24.8	27.6	30.4	33.6	36.8	40.0
-1.25°	16.0	16.8	18.4	20.0	22.4	24.8	27.6	30.4	33.6	36.8	40.0
-2.5°	16.0	16.8	18.4	20.0	22.4	24.8	27.6	30.3	33.5	36.7	39.9
-3.75°	16.0	16.8	18.4	20.0	22.3	24.7	27.5	30.3	33.5	36.7	39.8
-5°	16.0	16.8	18.3	19.9	22.3	24.6	27.4	30.2	33.4	36.5	39.7
-6.25°	15.9	16.7	18.3	19.9	22.2	24.6	27.3	30.1	33.2	36.4	39.6
-7.5°	15.9	16.7	18.2	19.8	22.1	24.5	27.2	29.9	33.0	36.2	39.4
-8.75°	15.9	16.7	18.2	19.7	22.0	24.3	27.0	29.8	32.8	36.0	39.2
-10°	15.9	16.7	18.1	19.6	21.8	24.2	26.8	29.6	32.6	35.8	38.9
-11.25°	15.8	16.6	18.0	19.6	21.7	24.0	26.6	29.4	32.4	35.5	38.6
-12.5°	15.8	16.6	17.9	19.5	21.5	23.9	26.4	29.1	32.1	35.2	38.3
-13.75°	15.7	16.5	17.8	19.3	21.3	23.7	26.2	28.9	31.8	34.8	37.9
-15°	15.7	16.5	17.7	19.2	21.1	23.4	25.9	28.6	31.4	34.5	37.5
-16.25°	15.6	16.4	17.5	19.1	20.9	23.2	25.6	28.3	31.0	34.1	37.1
-17.5°	15.6	16.3	17.4	18.9	20.7	23.0	25.3	27.9	30.6	33.6	36.7
-18.75°	15.5	16.3	17.3	18.8	20.4	22.7	25.0	27.6	30.2	33.2	36.2
-20°	15.5	16.2	17.1	18.6	20.2	22.4	24.6	27.2	29.8	32.7	35.7
-21.25°	15.4	16.1	17.0	18.4	19.9	22.1	24.3	26.8	29.4	32.2	35.1



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	15.3	16.1	16.8	18.2	19.7	21.8	24.0	26.4	28.9	31.6	34.5
-23.75°	15.2	16.0	16.7	18.0	19.5	21.4	23.6	25.9	28.5	31.1	33.9
-25°	15.1	15.9	16.6	17.8	19.3	21.1	23.2	25.5	28.0	30.5	33.3
-26.25°	15.0	15.8	16.5	17.6	19.0	20.7	22.8	25.0	27.4	29.9	32.6
-27.5°	14.9	15.7	16.4	17.4	18.8	20.3	22.4	24.5	26.9	29.3	31.9
-28.75°	14.7	15.6	16.3	17.2	18.6	19.9	22.0	24.0	26.3	28.7	31.2
-30°	14.6	15.5	16.2	16.9	18.3	19.7	21.5	23.6	25.7	28.1	30.5
-31.25°	14.5	15.4	16.1	16.7	18.0	19.4	21.1	23.1	25.1	27.4	29.8
-32.5°	14.3	15.3	15.9	16.6	17.7	19.1	20.6	22.6	24.5	26.8	29.1
-33.75°	14.1	15.1	15.8	16.5	17.4	18.7	20.1	22.0	24.0	26.1	28.3
-35°	14.0	15.0	15.7	16.3	17.1	18.4	19.7	21.5	23.4	25.4	27.6
-36.25°	13.8	14.8	15.5	16.2	16.8	18.1	19.4	20.9	22.8	24.7	26.8
-37.5°	13.6	14.6	15.4	16.0	16.7	17.8	19.0	20.3	22.2	24.0	26.0
-38.75°	13.5	14.4	15.3	15.9	16.5	17.4	18.6	19.8	21.5	23.3	25.2
-40°	13.3	14.2	15.1	15.7	16.3	17.0	18.2	19.4	20.9	22.7	24.4
-41.25°	13.1	14.0	14.9	15.6	16.2	16.7	17.8	19.0	20.2	22.0	23.7
-42.5°	12.9	13.8	14.6	15.4	16.0	16.5	17.4	18.6	19.7	21.3	22.9
-43.75°	12.7	13.5	14.4	15.2	15.8	16.4	17.0	18.1	19.2	20.5	22.2
-45°	12.4	13.3	14.2	15.0	15.6	16.2	16.7	17.7	18.8	19.9	21.4
-46.25°	12.1	13.1	13.9	14.7	15.4	16.0	16.5	17.2	18.3	19.4	20.6
-47.5°	11.8	12.9	13.7	14.5	15.2	15.8	16.3	16.8	17.8	18.8	19.9
-48.75°	11.5	12.6	13.4	14.2	14.9	15.5	16.0	16.6	17.3	18.3	19.3
-50°	11.2	12.3	13.1	13.9	14.6	15.3	15.8	16.3	16.8	17.8	18.7
-51.25°	11.0	11.9	12.9	13.6	14.3	15.1	15.6	16.1	16.5	17.2	18.2
-52.5°	10.6	11.6	12.6	13.3	14.0	14.7	15.4	15.8	16.3	16.7	17.6
-53.75°	10.3	11.3	12.2	13.0	13.7	14.4	15.1	15.6	16.0	16.5	17.0
-55°	10.0	10.9	11.8	12.7	13.4	14.1	14.7	15.3	15.7	16.2	16.6
-56.25°	9.7	10.6	11.4	12.3	13.1	13.7	14.4	15.0	15.5	15.9	16.3
-57.5°	9.4	10.2	11.1	11.9	12.7	13.4	14.0	14.6	15.2	15.6	16.0
-58.75°	9.1	9.9	10.7	11.5	12.3	13.0	13.6	14.2	14.8	15.3	15.7
-60°	8.7	9.5	10.3	11.1	11.8	12.6	13.2	13.8	14.4	14.9	15.4
-61.25°	8.4	9.2	9.9	10.6	11.4	12.1	12.8	13.4	13.9	14.5	15.0
-62.5°	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.5	14.0	14.5
-63.75°	7.7	8.4	9.1	9.8	10.5	11.1	11.8	12.5	13.1	13.5	14.0
-65°	7.4	8.0	8.7	9.3	10.0	10.6	11.3	11.9	12.5	13.1	13.5
-66.25°	7.0	7.7	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.5	13.1
-67.5°	6.7	7.3	7.9	8.5	9.0	9.6	10.2	10.8	11.3	11.9	12.5
-68.75°	6.3	6.9	7.5	8.0	8.6	9.1	9.7	10.2	10.7	11.3	11.8
-70°	5.9	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1
-71.25°	5.4	6.0	6.6	7.1	7.6	8.1	8.6	9.0	9.5	10.0	10.5
-72.5°	5.0	5.5	6.1	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.8
-73.75°	4.5	5.0	5.6	6.1	6.6	7.0	7.5	7.9	8.3	8.7	9.1
-75°	4.0	4.5	5.0	5.5	6.0	6.5	6.9	7.3	7.7	8.0	8.4
-76.25°	3.6	4.0	4.5	5.0	5.4	5.9	6.3	6.7	7.0	7.4	7.7
-77.5°	3.1	3.5	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.7	7.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	2.7	3.0	3.4	3.8	4.2	4.5	4.9	5.3	5.6	6.0	6.3
-80°	2.3	2.5	2.9	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.4
-81.25°	2.0	2.2	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.3	4.6
-82.5°	1.7	1.9	2.0	2.2	2.3	2.5	2.7	3.0	3.2	3.5	3.7
-83.75°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.8
-85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-86.25°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
86.25°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3
85°	2.2	2.3	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.5
83.75°	3.0	3.2	3.4	3.6	3.8	3.9	4.1	4.3	4.5	4.7	4.8
82.5°	3.9	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.7	5.9	6.1
81.25°	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.6	6.8	7.0	7.2
80°	5.8	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.8	8.0	8.2
78.75°	6.6	6.9	7.2	7.4	7.7	8.0	8.2	8.5	8.7	9.0	9.2
77.5°	7.3	7.6	8.0	8.3	8.5	8.8	9.1	9.4	9.7	10.0	10.2
76.25°	8.1	8.4	8.7	9.1	9.4	9.7	10.0	10.3	10.6	11.0	11.2
75°	8.8	9.2	9.5	9.9	10.2	10.6	10.9	11.3	11.6	11.9	12.3
73.75°	9.5	9.9	10.3	10.7	11.1	11.4	11.8	12.2	12.6	12.9	13.1
72.5°	10.2	10.6	11.1	11.5	11.9	12.3	12.7	13.0	13.3	13.6	13.9
71.25°	10.9	11.4	11.8	12.3	12.7	13.1	13.4	13.7	14.0	14.3	14.6
70°	11.6	12.1	12.6	13.0	13.4	13.7	14.1	14.4	14.7	15.1	15.3
68.75°	12.3	12.8	13.2	13.6	14.0	14.4	14.7	15.1	15.4	15.6	15.8
67.5°	13.0	13.4	13.8	14.2	14.6	15.0	15.3	15.6	15.8	16.1	16.3
66.25°	13.5	13.9	14.4	14.8	15.2	15.5	15.7	16.0	16.3	16.5	16.8
65°	14.0	14.5	14.9	15.3	15.6	15.9	16.2	16.5	16.7	17.2	17.8
63.75°	14.5	15.0	15.4	15.7	16.0	16.3	16.6	17.0	17.6	18.2	18.7
62.5°	15.0	15.4	15.7	16.1	16.4	16.7	17.3	17.9	18.5	19.1	19.7
61.25°	15.4	15.8	16.1	16.4	16.8	17.4	18.1	18.8	19.4	20.0	21.0
60°	15.7	16.1	16.5	16.8	17.5	18.2	18.9	19.6	20.4	21.4	22.4
58.75°	16.1	16.4	16.8	17.6	18.3	19.0	19.8	20.7	21.7	22.8	23.8
57.5°	16.4	16.8	17.5	18.3	19.1	19.8	20.9	22.0	23.1	24.1	25.3
56.25°	16.7	17.4	18.2	19.0	19.8	20.9	22.1	23.2	24.4	25.6	26.9
55°	17.3	18.1	18.9	19.8	20.9	22.1	23.3	24.5	25.8	27.1	28.5
53.75°	17.9	18.8	19.6	20.7	22.0	23.2	24.5	25.8	27.3	28.7	30.0
52.5°	18.5	19.4	20.4	21.7	23.1	24.4	25.8	27.3	28.7	30.2	31.8
51.25°	19.1	20.0	21.4	22.8	24.1	25.6	27.1	28.7	30.2	31.8	33.5
50°	19.7	21.0	22.4	23.8	25.3	26.9	28.5	30.0	31.8	33.5	35.3
48.75°	20.4	21.9	23.4	24.8	26.5	28.1	29.8	31.5	33.4	35.2	37.0
47.5°	21.3	22.8	24.3	26.0	27.7	29.4	31.2	33.1	35.0	36.8	38.7
46.25°	22.2	23.7	25.3	27.1	28.9	30.6	32.6	34.6	36.5	38.5	40.4
45°	23.0	24.6	26.4	28.2	30.0	32.0	34.1	36.1	38.1	40.1	42.0
43.75°	23.8	25.5	27.4	29.3	31.3	33.4	35.5	37.5	39.6	41.6	43.5
42.5°	24.6	26.5	28.5	30.4	32.5	34.7	36.8	39.0	41.1	43.2	44.5
41.25°	25.5	27.5	29.5	31.6	33.8	36.0	38.2	40.4	42.5	44.1	45.4
40°	26.4	28.4	30.5	32.7	35.0	37.3	39.5	41.8	43.7	45.0	46.4
38.75°	27.3	29.4	31.6	33.9	36.2	38.5	40.8	43.1	44.6	46.0	47.4
37.5°	28.1	30.2	32.6	35.0	37.4	39.8	42.1	44.0	45.4	46.8	48.5
36.25°	29.0	31.2	33.7	36.1	38.5	40.9	43.3	44.8	46.2	47.8	49.5
35°	29.8	32.2	34.7	37.2	39.6	42.1	44.0	45.6	47.1	48.8	50.6



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	30.6	33.1	35.7	38.2	40.7	43.2	44.8	46.3	48.0	49.8	51.6
32.5°	31.5	34.1	36.7	39.2	41.8	43.9	45.5	47.1	48.9	50.8	52.2
31.25°	32.3	35.0	37.6	40.2	42.8	44.6	46.2	47.9	49.8	51.7	52.5
30°	33.1	35.8	38.5	41.1	43.6	45.2	46.9	48.7	50.7	52.2	52.8
28.75°	33.9	36.7	39.4	42.1	44.2	45.8	47.6	49.6	51.5	52.5	53.2
27.5°	34.7	37.5	40.2	42.9	44.7	46.4	48.3	50.3	52.1	52.8	53.4
26.25°	35.4	38.2	41.0	43.6	45.3	47.0	49.0	51.1	52.4	53.1	53.6
25°	36.1	39.0	41.8	44.1	45.8	47.6	49.7	51.8	52.6	53.3	53.6
23.75°	36.8	39.7	42.5	44.6	46.3	48.3	50.4	52.2	52.9	53.6	53.6
22.5°	37.4	40.3	43.2	45.0	46.8	48.9	51.0	52.4	53.1	53.6	53.6
21.25°	38.1	41.0	43.6	45.5	47.3	49.5	51.6	52.6	53.3	53.6	53.6
20°	38.6	41.6	44.0	45.9	47.8	50.0	52.1	52.8	53.5	53.6	53.6
18.75°	39.2	42.2	44.4	46.3	48.3	50.5	52.3	53.0	53.6	53.6	53.6
17.5°	39.7	42.7	44.8	46.6	48.8	51.0	52.4	53.2	53.6	53.6	53.6
16.25°	40.2	43.2	45.1	47.0	49.2	51.5	52.6	53.3	53.6	53.6	53.6
15°	40.6	43.5	45.4	47.3	49.6	51.9	52.7	53.5	53.6	53.6	53.6
13.75°	41.0	43.8	45.7	47.7	50.0	52.1	52.9	53.6	53.6	53.6	53.6
12.5°	41.4	44.0	46.0	48.0	50.3	52.2	53.0	53.6	53.6	53.6	53.6
11.25°	41.7	44.2	46.2	48.3	50.7	52.3	53.1	53.6	53.6	53.6	53.6
10°	42.0	44.4	46.4	48.6	50.9	52.4	53.2	53.6	53.6	53.6	53.6
8.75°	42.3	44.6	46.6	48.8	51.2	52.5	53.3	53.6	53.6	53.6	53.6
7.5°	42.5	44.8	46.7	49.0	51.4	52.6	53.4	53.6	53.6	53.6	53.6
6.25°	42.7	44.9	46.9	49.2	51.6	52.7	53.4	53.6	53.6	53.6	53.6
5°	42.9	45.0	47.0	49.3	51.7	52.7	53.5	53.6	53.6	53.6	53.6
3.75°	43.0	45.1	47.1	49.5	51.9	52.7	53.5	53.6	53.6	53.6	53.6
2.5°	43.1	45.2	47.1	49.5	51.9	52.8	53.6	53.6	53.6	53.6	53.6
1.25°	43.2	45.2	47.2	49.6	52.0	52.8	53.6	53.6	53.6	53.6	53.6
0°	43.2	45.2	47.2	49.6	52.0	52.8	53.6	53.6	53.6	53.6	53.6
-1.25°	43.2	45.2	47.2	49.6	52.0	52.8	53.6	53.6	53.6	53.6	53.6
-2.5°	43.1	45.2	47.1	49.5	51.9	52.8	53.6	53.6	53.6	53.6	53.6
-3.75°	43.0	45.1	47.1	49.5	51.9	52.7	53.5	53.6	53.6	53.6	53.6
-5°	42.9	45.0	47.0	49.3	51.7	52.7	53.5	53.6	53.6	53.6	53.6
-6.25°	42.7	44.9	46.9	49.2	51.6	52.7	53.4	53.6	53.6	53.6	53.6
-7.5°	42.5	44.8	46.7	49.0	51.4	52.6	53.4	53.6	53.6	53.6	53.6
-8.75°	42.3	44.6	46.6	48.8	51.2	52.5	53.3	53.6	53.6	53.6	53.6
-10°	42.0	44.4	46.4	48.6	50.9	52.4	53.2	53.6	53.6	53.6	53.6
-11.25°	41.7	44.2	46.2	48.3	50.7	52.3	53.1	53.6	53.6	53.6	53.6
-12.5°	41.4	44.0	46.0	48.0	50.3	52.2	53.0	53.6	53.6	53.6	53.6
-13.75°	41.0	43.8	45.7	47.7	50.0	52.1	52.9	53.6	53.6	53.6	53.6
-15°	40.6	43.5	45.4	47.3	49.6	51.9	52.7	53.5	53.6	53.6	53.6
-16.25°	40.2	43.2	45.1	47.0	49.2	51.5	52.6	53.3	53.6	53.6	53.6
-17.5°	39.7	42.7	44.8	46.6	48.8	51.0	52.4	53.2	53.6	53.6	53.6
-18.75°	39.2	42.2	44.4	46.3	48.3	50.5	52.3	53.0	53.6	53.6	53.6
-20°	38.6	41.6	44.0	45.9	47.8	50.0	52.1	52.8	53.5	53.6	53.6
-21.25°	38.1	41.0	43.6	45.5	47.3	49.5	51.6	52.6	53.3	53.6	53.6



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	37.4	40.3	43.2	45.0	46.8	48.9	51.0	52.4	53.1	53.6	53.6
-23.75°	36.8	39.7	42.5	44.6	46.3	48.3	50.4	52.2	52.9	53.6	53.6
-25°	36.1	39.0	41.8	44.1	45.8	47.6	49.7	51.8	52.6	53.3	53.6
-26.25°	35.4	38.2	41.0	43.6	45.3	47.0	49.0	51.1	52.4	53.1	53.6
-27.5°	34.7	37.5	40.2	42.9	44.7	46.4	48.3	50.3	52.1	52.8	53.4
-28.75°	33.9	36.7	39.4	42.1	44.2	45.8	47.6	49.6	51.5	52.5	53.2
-30°	33.1	35.8	38.5	41.1	43.6	45.2	46.9	48.7	50.7	52.2	52.8
-31.25°	32.3	35.0	37.6	40.2	42.8	44.6	46.2	47.9	49.8	51.7	52.5
-32.5°	31.5	34.1	36.7	39.2	41.8	43.9	45.5	47.1	48.9	50.8	52.2
-33.75°	30.6	33.1	35.7	38.2	40.7	43.2	44.8	46.3	48.0	49.8	51.6
-35°	29.8	32.2	34.7	37.2	39.6	42.1	44.0	45.6	47.1	48.8	50.6
-36.25°	29.0	31.2	33.7	36.1	38.5	40.9	43.3	44.8	46.2	47.8	49.5
-37.5°	28.1	30.2	32.6	35.0	37.4	39.8	42.1	44.0	45.4	46.8	48.5
-38.75°	27.3	29.4	31.6	33.9	36.2	38.5	40.8	43.1	44.6	46.0	47.4
-40°	26.4	28.4	30.5	32.7	35.0	37.3	39.5	41.8	43.7	45.0	46.4
-41.25°	25.5	27.5	29.5	31.6	33.8	36.0	38.2	40.4	42.5	44.1	45.4
-42.5°	24.6	26.5	28.5	30.4	32.5	34.7	36.8	39.0	41.1	43.2	44.5
-43.75°	23.8	25.5	27.4	29.3	31.3	33.4	35.5	37.5	39.6	41.6	43.5
-45°	23.0	24.6	26.4	28.2	30.0	32.0	34.1	36.1	38.1	40.1	42.0
-46.25°	22.2	23.7	25.3	27.1	28.9	30.6	32.6	34.6	36.5	38.5	40.4
-47.5°	21.3	22.8	24.3	26.0	27.7	29.4	31.2	33.1	35.0	36.8	38.7
-48.75°	20.4	21.9	23.4	24.8	26.5	28.1	29.8	31.5	33.4	35.2	37.0
-50°	19.7	21.0	22.4	23.8	25.3	26.9	28.5	30.0	31.8	33.5	35.3
-51.25°	19.1	20.0	21.4	22.8	24.1	25.6	27.1	28.7	30.2	31.8	33.5
-52.5°	18.5	19.4	20.4	21.7	23.1	24.4	25.8	27.3	28.7	30.2	31.8
-53.75°	17.9	18.8	19.6	20.7	22.0	23.2	24.5	25.8	27.3	28.7	30.0
-55°	17.3	18.1	18.9	19.8	20.9	22.1	23.3	24.5	25.8	27.1	28.5
-56.25°	16.7	17.4	18.2	19.0	19.8	20.9	22.1	23.2	24.4	25.6	26.9
-57.5°	16.4	16.8	17.5	18.3	19.1	19.8	20.9	22.0	23.1	24.1	25.3
-58.75°	16.1	16.4	16.8	17.6	18.3	19.0	19.8	20.7	21.7	22.8	23.8
-60°	15.7	16.1	16.5	16.8	17.5	18.2	18.9	19.6	20.4	21.4	22.4
-61.25°	15.4	15.8	16.1	16.4	16.8	17.4	18.1	18.8	19.4	20.0	21.0
-62.5°	15.0	15.4	15.7	16.1	16.4	16.7	17.3	17.9	18.5	19.1	19.7
-63.75°	14.5	15.0	15.4	15.7	16.0	16.3	16.6	17.0	17.6	18.2	18.7
-65°	14.0	14.5	14.9	15.3	15.6	15.9	16.2	16.5	16.7	17.2	17.8
-66.25°	13.5	13.9	14.4	14.8	15.2	15.5	15.7	16.0	16.3	16.5	16.8
-67.5°	13.0	13.4	13.8	14.2	14.6	15.0	15.3	15.6	15.8	16.1	16.3
-68.75°	12.3	12.8	13.2	13.6	14.0	14.4	14.7	15.1	15.4	15.6	15.8
-70°	11.6	12.1	12.6	13.0	13.4	13.7	14.1	14.4	14.7	15.1	15.3
-71.25°	10.9	11.4	11.8	12.3	12.7	13.1	13.4	13.7	14.0	14.3	14.6
-72.5°	10.2	10.6	11.1	11.5	11.9	12.3	12.7	13.0	13.3	13.6	13.9
-73.75°	9.5	9.9	10.3	10.7	11.1	11.4	11.8	12.2	12.6	12.9	13.1
-75°	8.8	9.2	9.5	9.9	10.2	10.6	10.9	11.3	11.6	11.9	12.3
-76.25°	8.1	8.4	8.7	9.1	9.4	9.7	10.0	10.3	10.6	11.0	11.2
-77.5°	7.3	7.6	8.0	8.3	8.5	8.8	9.1	9.4	9.7	10.0	10.2



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	6.6	6.9	7.2	7.4	7.7	8.0	8.2	8.5	8.7	9.0	9.2
-80°	5.8	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.8	8.0	8.2
-81.25°	4.8	5.1	5.4	5.6	5.9	6.2	6.4	6.6	6.8	7.0	7.2
-82.5°	3.9	4.2	4.4	4.6	4.8	5.1	5.3	5.5	5.7	5.9	6.1
-83.75°	3.0	3.2	3.4	3.6	3.8	3.9	4.1	4.3	4.5	4.7	4.8
-85°	2.2	2.3	2.4	2.5	2.7	2.8	3.0	3.1	3.3	3.4	3.5
-86.25°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
-88.75°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
87.5°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
86.25°	2.4	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.2
85°	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
83.75°	5.0	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.3	6.4
82.5°	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7
81.25°	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.9	9.0
80°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.1	10.3
78.75°	9.5	9.7	9.9	10.1	10.4	10.6	10.8	11.0	11.2	11.4	11.6
77.5°	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.2	12.4	12.7	12.9
76.25°	11.5	11.8	12.1	12.4	12.7	12.9	13.1	13.3	13.5	13.6	13.8
75°	12.6	12.9	13.1	13.3	13.5	13.8	14.0	14.2	14.4	14.6	14.8
73.75°	13.4	13.7	13.9	14.2	14.4	14.6	14.9	15.1	15.3	15.4	15.5
72.5°	14.2	14.5	14.7	15.0	15.2	15.4	15.6	15.7	15.9	16.0	16.2
71.25°	14.9	15.2	15.4	15.6	15.8	16.0	16.2	16.3	16.5	16.7	16.8
70°	15.5	15.8	16.0	16.2	16.4	16.5	16.7	17.0	17.4	17.8	18.1
68.75°	16.0	16.3	16.5	16.7	17.0	17.4	17.8	18.2	18.6	19.0	19.4
67.5°	16.6	16.8	17.2	17.7	18.1	18.6	19.0	19.4	19.8	20.3	20.9
66.25°	17.3	17.8	18.3	18.8	19.2	19.7	20.2	20.9	21.5	22.2	22.8
65°	18.3	18.8	19.4	19.9	20.5	21.3	22.0	22.7	23.3	24.0	24.7
63.75°	19.3	19.9	20.6	21.4	22.2	22.9	23.7	24.4	25.2	26.0	26.8
62.5°	20.4	21.3	22.2	23.0	23.8	24.6	25.5	26.4	27.3	28.1	29.0
61.25°	21.9	22.8	23.7	24.6	25.5	26.5	27.5	28.4	29.4	30.2	31.2
60°	23.4	24.3	25.3	26.4	27.4	28.5	29.5	30.5	31.6	32.6	33.7
58.75°	24.8	26.0	27.1	28.2	29.3	30.4	31.6	32.7	33.9	35.0	36.1
57.5°	26.5	27.7	28.9	30.0	31.3	32.5	33.8	35.0	36.2	37.4	38.5
56.25°	28.1	29.4	30.6	32.0	33.4	34.7	36.0	37.3	38.5	39.8	40.9
55°	29.8	31.2	32.6	34.1	35.5	36.8	38.2	39.5	40.8	42.1	43.3
53.75°	31.5	33.1	34.6	36.1	37.5	39.0	40.4	41.8	43.1	44.0	44.8
52.5°	33.4	35.0	36.5	38.1	39.6	41.1	42.5	43.7	44.6	45.4	46.2
51.25°	35.2	36.8	38.5	40.1	41.6	43.2	44.1	45.0	46.0	46.8	47.8
50°	37.0	38.7	40.4	42.0	43.5	44.5	45.4	46.4	47.4	48.5	49.5
48.75°	38.8	40.5	42.2	43.7	44.7	45.7	46.7	47.8	49.0	50.2	51.3
47.5°	40.5	42.3	43.8	44.9	45.9	47.0	48.2	49.4	50.6	51.8	52.3
46.25°	42.2	43.8	44.9	46.0	47.1	48.5	49.7	51.0	52.1	52.5	52.9
45°	43.7	44.9	46.0	47.2	48.6	49.9	51.3	52.2	52.6	53.0	53.5
43.75°	44.7	45.9	47.1	48.6	50.0	51.4	52.3	52.7	53.1	53.6	53.6
42.5°	45.7	47.0	48.5	49.9	51.4	52.3	52.7	53.2	53.6	53.6	53.6
41.25°	46.7	48.2	49.7	51.3	52.3	52.7	53.2	53.6	53.6	53.6	53.6
40°	47.8	49.4	51.0	52.2	52.7	53.2	53.6	53.6	53.6	53.6	53.6
38.75°	49.0	50.6	52.1	52.6	53.1	53.6	53.6	53.6	53.6	53.6	53.6
37.5°	50.2	51.8	52.5	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6
36.25°	51.3	52.3	52.9	53.5	53.6	53.6	53.6	53.6	53.6	53.6	54.0
35°	52.1	52.7	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.9	54.5



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	52.5	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.9	54.4	54.9
32.5°	52.8	53.4	53.6	53.6	53.6	53.6	53.6	53.8	54.3	54.9	55.5
31.25°	53.2	53.6	53.6	53.6	53.6	53.6	53.6	54.2	54.8	55.4	56.2
30°	53.5	53.6	53.6	53.6	53.6	53.6	54.0	54.6	55.2	56.1	56.9
28.75°	53.6	53.6	53.6	53.6	53.6	53.8	54.4	55.0	55.8	56.7	57.6
27.5°	53.6	53.6	53.6	53.6	53.6	54.1	54.8	55.5	56.4	57.3	58.2
26.25°	53.6	53.6	53.6	53.6	53.8	54.5	55.1	56.1	57.0	57.9	58.9
25°	53.6	53.6	53.6	53.6	54.2	54.8	55.6	56.6	57.6	58.5	59.5
23.75°	53.6	53.6	53.6	53.8	54.5	55.2	56.1	57.1	58.1	59.1	60.1
22.5°	53.6	53.6	53.6	54.1	54.8	55.6	56.6	57.6	58.7	59.6	60.6
21.25°	53.6	53.6	53.7	54.4	55.1	56.1	57.1	58.1	59.2	60.2	61.2
20°	53.6	53.6	53.9	54.7	55.4	56.5	57.6	58.6	59.6	60.7	61.7
18.75°	53.6	53.6	54.2	54.9	55.8	56.9	58.0	59.0	60.1	61.2	62.2
17.5°	53.6	53.7	54.4	55.1	56.2	57.3	58.4	59.5	60.5	61.6	62.7
16.25°	53.6	53.9	54.6	55.4	56.6	57.7	58.8	59.9	60.9	62.0	63.1
15°	53.6	54.1	54.8	55.8	56.9	58.0	59.1	60.2	61.3	62.4	63.5
13.75°	53.6	54.2	55.0	56.0	57.2	58.3	59.4	60.6	61.7	62.8	63.9
12.5°	53.6	54.4	55.2	56.3	57.5	58.6	59.7	60.9	62.0	63.1	64.3
11.25°	53.8	54.6	55.4	56.6	57.7	58.9	60.0	61.2	62.3	63.4	64.6
10°	53.9	54.7	55.6	56.8	57.9	59.1	60.3	61.4	62.6	63.7	65.0
8.75°	54.0	54.8	55.8	57.0	58.1	59.3	60.5	61.6	62.8	64.0	65.5
7.5°	54.1	54.9	56.0	57.1	58.3	59.5	60.7	61.8	63.0	64.2	65.9
6.25°	54.2	55.0	56.1	57.3	58.5	59.6	60.8	62.0	63.2	64.4	66.3
5°	54.3	55.1	56.2	57.4	58.6	59.8	61.0	62.2	63.3	64.5	66.7
3.75°	54.3	55.1	56.3	57.5	58.7	59.9	61.1	62.3	63.5	64.6	66.9
2.5°	54.4	55.2	56.3	57.5	58.7	59.9	61.1	62.3	63.5	64.7	67.1
1.25°	54.4	55.2	56.4	57.6	58.8	60.0	61.2	62.4	63.6	64.8	67.2
0°	54.4	55.2	56.4	57.6	58.8	60.0	61.2	62.4	63.6	64.8	67.3
-1.25°	54.4	55.2	56.4	57.6	58.8	60.0	61.2	62.4	63.6	64.8	67.2
-2.5°	54.4	55.2	56.3	57.5	58.7	59.9	61.1	62.3	63.5	64.7	67.1
-3.75°	54.3	55.1	56.3	57.5	58.7	59.9	61.1	62.3	63.5	64.6	66.9
-5°	54.3	55.1	56.2	57.4	58.6	59.8	61.0	62.2	63.3	64.5	66.7
-6.25°	54.2	55.0	56.1	57.3	58.5	59.6	60.8	62.0	63.2	64.4	66.3
-7.5°	54.1	54.9	56.0	57.1	58.3	59.5	60.7	61.8	63.0	64.2	65.9
-8.75°	54.0	54.8	55.8	57.0	58.1	59.3	60.5	61.6	62.8	64.0	65.5
-10°	53.9	54.7	55.6	56.8	57.9	59.1	60.3	61.4	62.6	63.7	65.0
-11.25°	53.8	54.6	55.4	56.6	57.7	58.9	60.0	61.2	62.3	63.4	64.6
-12.5°	53.6	54.4	55.2	56.3	57.5	58.6	59.7	60.9	62.0	63.1	64.3
-13.75°	53.6	54.2	55.0	56.0	57.2	58.3	59.4	60.6	61.7	62.8	63.9
-15°	53.6	54.1	54.8	55.8	56.9	58.0	59.1	60.2	61.3	62.4	63.5
-16.25°	53.6	53.9	54.6	55.4	56.6	57.7	58.8	59.9	60.9	62.0	63.1
-17.5°	53.6	53.7	54.4	55.1	56.2	57.3	58.4	59.5	60.5	61.6	62.7
-18.75°	53.6	53.6	54.2	54.9	55.8	56.9	58.0	59.0	60.1	61.2	62.2
-20°	53.6	53.6	53.9	54.7	55.4	56.5	57.6	58.6	59.6	60.7	61.7
-21.25°	53.6	53.6	53.7	54.4	55.1	56.1	57.1	58.1	59.2	60.2	61.2



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	53.6	53.6	53.6	54.1	54.8	55.6	56.6	57.6	58.7	59.6	60.6
-23.75°	53.6	53.6	53.6	53.8	54.5	55.2	56.1	57.1	58.1	59.1	60.1
-25°	53.6	53.6	53.6	53.6	54.2	54.8	55.6	56.6	57.6	58.5	59.5
-26.25°	53.6	53.6	53.6	53.6	53.8	54.5	55.1	56.1	57.0	57.9	58.9
-27.5°	53.6	53.6	53.6	53.6	53.6	54.1	54.8	55.5	56.4	57.3	58.2
-28.75°	53.6	53.6	53.6	53.6	53.6	53.8	54.4	55.0	55.8	56.7	57.6
-30°	53.5	53.6	53.6	53.6	53.6	53.6	54.0	54.6	55.2	56.1	56.9
-31.25°	53.2	53.6	53.6	53.6	53.6	53.6	53.6	54.2	54.8	55.4	56.2
-32.5°	52.8	53.4	53.6	53.6	53.6	53.6	53.6	53.8	54.3	54.9	55.5
-33.75°	52.5	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.9	54.4	54.9
-35°	52.1	52.7	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.9	54.5
-36.25°	51.3	52.3	52.9	53.5	53.6	53.6	53.6	53.6	53.6	53.6	54.0
-37.5°	50.2	51.8	52.5	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-38.75°	49.0	50.6	52.1	52.6	53.1	53.6	53.6	53.6	53.6	53.6	53.6
-40°	47.8	49.4	51.0	52.2	52.7	53.2	53.6	53.6	53.6	53.6	53.6
-41.25°	46.7	48.2	49.7	51.3	52.3	52.7	53.2	53.6	53.6	53.6	53.6
-42.5°	45.7	47.0	48.5	49.9	51.4	52.3	52.7	53.2	53.6	53.6	53.6
-43.75°	44.7	45.9	47.1	48.6	50.0	51.4	52.3	52.7	53.1	53.6	53.6
-45°	43.7	44.9	46.0	47.2	48.6	49.9	51.3	52.2	52.6	53.0	53.5
-46.25°	42.2	43.8	44.9	46.0	47.1	48.5	49.7	51.0	52.1	52.5	52.9
-47.5°	40.5	42.3	43.8	44.9	45.9	47.0	48.2	49.4	50.6	51.8	52.3
-48.75°	38.8	40.5	42.2	43.7	44.7	45.7	46.7	47.8	49.0	50.2	51.3
-50°	37.0	38.7	40.4	42.0	43.5	44.5	45.4	46.4	47.4	48.5	49.5
-51.25°	35.2	36.8	38.5	40.1	41.6	43.2	44.1	45.0	46.0	46.8	47.8
-52.5°	33.4	35.0	36.5	38.1	39.6	41.1	42.5	43.7	44.6	45.4	46.2
-53.75°	31.5	33.1	34.6	36.1	37.5	39.0	40.4	41.8	43.1	44.0	44.8
-55°	29.8	31.2	32.6	34.1	35.5	36.8	38.2	39.5	40.8	42.1	43.3
-56.25°	28.1	29.4	30.6	32.0	33.4	34.7	36.0	37.3	38.5	39.8	40.9
-57.5°	26.5	27.7	28.9	30.0	31.3	32.5	33.8	35.0	36.2	37.4	38.5
-58.75°	24.8	26.0	27.1	28.2	29.3	30.4	31.6	32.7	33.9	35.0	36.1
-60°	23.4	24.3	25.3	26.4	27.4	28.5	29.5	30.5	31.6	32.6	33.7
-61.25°	21.9	22.8	23.7	24.6	25.5	26.5	27.5	28.4	29.4	30.2	31.2
-62.5°	20.4	21.3	22.2	23.0	23.8	24.6	25.5	26.4	27.3	28.1	29.0
-63.75°	19.3	19.9	20.6	21.4	22.2	22.9	23.7	24.4	25.2	26.0	26.8
-65°	18.3	18.8	19.4	19.9	20.5	21.3	22.0	22.7	23.3	24.0	24.7
-66.25°	17.3	17.8	18.3	18.8	19.2	19.7	20.2	20.9	21.5	22.2	22.8
-67.5°	16.6	16.8	17.2	17.7	18.1	18.6	19.0	19.4	19.8	20.3	20.9
-68.75°	16.0	16.3	16.5	16.7	17.0	17.4	17.8	18.2	18.6	19.0	19.4
-70°	15.5	15.8	16.0	16.2	16.4	16.5	16.7	17.0	17.4	17.8	18.1
-71.25°	14.9	15.2	15.4	15.6	15.8	16.0	16.2	16.3	16.5	16.7	16.8
-72.5°	14.2	14.5	14.7	15.0	15.2	15.4	15.6	15.7	15.9	16.0	16.2
-73.75°	13.4	13.7	13.9	14.2	14.4	14.6	14.9	15.1	15.3	15.4	15.5
-75°	12.6	12.9	13.1	13.3	13.5	13.8	14.0	14.2	14.4	14.6	14.8
-76.25°	11.5	11.8	12.1	12.4	12.7	12.9	13.1	13.3	13.5	13.6	13.8
-77.5°	10.5	10.8	11.0	11.3	11.5	11.8	12.0	12.2	12.4	12.7	12.9



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	9.5	9.7	9.9	10.1	10.4	10.6	10.8	11.0	11.2	11.4	11.6
-80°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.1	10.3
-81.25°	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.9	9.0
-82.5°	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7
-83.75°	5.0	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.3	6.4
-85°	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
-86.25°	2.4	2.5	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.2
-87.5°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
-88.75°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
86.25°	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9
85°	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8
83.75°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4
82.5°	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
81.25°	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3
80°	10.5	10.6	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.7	11.8
78.75°	11.8	11.9	12.1	12.3	12.5	12.6	12.8	12.9	13.0	13.1	13.2
77.5°	13.0	13.2	13.3	13.4	13.6	13.7	13.8	13.9	14.1	14.2	14.3
76.25°	14.0	14.1	14.3	14.5	14.6	14.7	14.9	15.0	15.1	15.2	15.3
75°	15.0	15.1	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.1
73.75°	15.7	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8
72.5°	16.3	16.5	16.6	16.7	16.9	17.2	17.4	17.6	17.8	18.0	18.2
71.25°	17.1	17.4	17.7	18.0	18.3	18.6	18.8	19.0	19.3	19.5	19.7
70°	18.4	18.7	19.1	19.4	19.7	19.9	20.3	20.7	21.1	21.4	21.8
68.75°	19.7	20.1	20.6	21.1	21.5	22.0	22.4	22.8	23.2	23.6	24.0
67.5°	21.5	22.0	22.6	23.1	23.6	24.0	24.5	25.0	25.5	25.9	26.4
66.25°	23.4	24.0	24.5	25.1	25.7	26.3	26.9	27.4	28.0	28.5	28.9
65°	25.4	26.1	26.8	27.4	28.1	28.7	29.3	29.9	30.5	31.1	31.6
63.75°	27.6	28.3	29.1	29.8	30.5	31.2	31.9	32.6	33.3	33.9	34.5
62.5°	29.8	30.6	31.5	32.3	33.1	33.9	34.7	35.4	36.1	36.8	37.4
61.25°	32.2	33.1	34.1	35.0	35.8	36.7	37.5	38.2	39.0	39.7	40.3
60°	34.7	35.7	36.7	37.6	38.5	39.4	40.2	41.0	41.8	42.5	43.2
58.75°	37.2	38.2	39.2	40.2	41.1	42.1	42.9	43.6	44.1	44.6	45.0
57.5°	39.6	40.7	41.8	42.8	43.6	44.2	44.7	45.3	45.8	46.3	46.8
56.25°	42.1	43.2	43.9	44.6	45.2	45.8	46.4	47.0	47.6	48.3	48.9
55°	44.0	44.8	45.5	46.2	46.9	47.6	48.3	49.0	49.7	50.4	51.0
53.75°	45.6	46.3	47.1	47.9	48.7	49.6	50.3	51.1	51.8	52.2	52.4
52.5°	47.1	48.0	48.9	49.8	50.7	51.5	52.1	52.4	52.6	52.9	53.1
51.25°	48.8	49.8	50.8	51.7	52.2	52.5	52.8	53.1	53.3	53.6	53.6
50°	50.6	51.6	52.2	52.5	52.8	53.2	53.4	53.6	53.6	53.6	53.6
48.75°	52.1	52.5	52.8	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6
47.5°	52.7	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
46.25°	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
45°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.1
43.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.2	54.5	54.8
42.5°	53.6	53.6	53.6	53.6	53.6	53.8	54.1	54.5	54.8	55.2	55.6
41.25°	53.6	53.6	53.6	53.6	54.0	54.4	54.8	55.1	55.6	56.1	56.6
40°	53.6	53.6	53.8	54.2	54.6	55.0	55.5	56.1	56.6	57.1	57.6
38.75°	53.6	53.9	54.3	54.8	55.2	55.8	56.4	57.0	57.6	58.1	58.7
37.5°	53.9	54.4	54.9	55.4	56.1	56.7	57.3	57.9	58.5	59.1	59.6
36.25°	54.5	54.9	55.5	56.2	56.9	57.6	58.2	58.9	59.5	60.1	60.6
35°	55.0	55.6	56.4	57.1	57.8	58.5	59.1	59.8	60.4	61.0	61.6



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	55.6	56.4	57.1	57.9	58.6	59.3	60.0	60.7	61.3	62.0	62.6
32.5°	56.4	57.1	57.9	58.7	59.4	60.2	60.9	61.6	62.3	62.9	63.5
31.25°	57.1	57.9	58.7	59.5	60.3	61.0	61.7	62.5	63.2	63.8	64.5
30°	57.8	58.6	59.4	60.3	61.0	61.8	62.6	63.3	64.0	64.7	66.1
28.75°	58.5	59.3	60.2	61.0	61.8	62.6	63.4	64.2	65.0	66.5	67.9
27.5°	59.1	60.0	60.9	61.7	62.6	63.4	64.2	65.2	66.8	68.3	69.9
26.25°	59.8	60.7	61.6	62.5	63.3	64.2	65.2	66.9	68.5	70.7	74.9
25°	60.4	61.3	62.3	63.2	64.0	65.0	66.8	68.5	70.9	75.4	79.8
23.75°	61.0	62.0	62.9	63.8	64.7	66.5	68.3	70.7	75.4	80.1	84.8
22.5°	61.6	62.6	63.5	64.5	66.1	67.9	69.9	74.9	79.8	84.8	90.3
21.25°	62.2	63.2	64.1	65.4	67.4	69.3	73.8	79.0	84.2	90.0	95.7
20°	62.7	63.7	64.7	66.7	68.7	72.3	77.7	82.9	89.0	95.0	101.9
18.75°	63.2	64.3	65.8	67.8	70.2	75.8	81.3	87.4	93.6	100.1	110.5
17.5°	63.7	64.8	66.9	69.0	73.4	79.1	85.1	91.6	98.1	107.7	132.7
16.25°	64.2	65.7	67.9	70.6	76.5	82.3	89.0	95.7	104.2	124.2	174.2
15°	64.6	66.6	68.8	73.3	79.4	85.7	92.6	99.6	112.5	149.4	227.1
13.75°	65.2	67.5	69.7	75.9	82.0	89.0	96.1	105.5	129.9	192.7	290.4
12.5°	66.0	68.3	72.0	78.3	84.7	92.0	99.3	113.2	155.5	242.4	356.2
11.25°	66.7	69.0	74.1	80.5	87.4	94.8	104.0	127.4	191.1	294.5	419.9
10°	67.3	69.6	76.0	82.5	89.9	97.4	108.4	141.9	228.9	347.5	482.5
8.75°	67.9	71.1	77.7	84.4	92.0	99.9	117.0	169.5	269.4	397.2	539.1
7.5°	68.3	72.5	79.2	86.2	93.9	103.1	126.7	193.8	305.1	442.4	589.0
6.25°	68.8	73.7	80.4	87.7	95.6	105.9	134.9	216.5	340.2	483.0	631.8
5°	69.1	74.7	81.4	89.0	96.9	108.2	145.2	240.4	369.6	516.6	667.4
3.75°	69.4	75.5	82.3	90.0	97.9	110.5	158.0	259.2	392.7	543.0	695.4
2.5°	69.5	76.1	82.8	90.7	98.7	114.2	167.2	272.7	409.3	562.0	715.6
1.25°	69.7	76.4	83.2	91.2	99.1	116.4	172.7	280.9	419.4	573.4	727.7
0°	69.7	76.5	83.3	91.3	99.3	117.1	174.6	283.6	422.7	577.3	731.8
-1.25°	69.7	76.4	83.2	91.2	99.1	116.4	172.7	280.9	419.4	573.4	727.7
-2.5°	69.5	76.1	82.8	90.7	98.7	114.2	167.2	272.7	409.3	562.0	715.6
-3.75°	69.4	75.5	82.3	90.0	97.9	110.5	158.0	259.2	392.7	543.0	695.4
-5°	69.1	74.7	81.4	89.0	96.9	108.2	145.2	240.4	369.6	516.6	667.4
-6.25°	68.8	73.7	80.4	87.7	95.6	105.9	134.9	216.5	340.2	483.0	631.8
-7.5°	68.3	72.5	79.2	86.2	93.9	103.1	126.7	193.8	305.1	442.4	589.0
-8.75°	67.9	71.1	77.7	84.4	92.0	99.9	117.0	169.5	269.4	397.2	539.1
-10°	67.3	69.6	76.0	82.5	89.9	97.4	108.4	141.9	228.9	347.5	482.5
-11.25°	66.7	69.0	74.1	80.5	87.4	94.8	104.0	127.4	191.1	294.5	419.9
-12.5°	66.0	68.3	72.0	78.3	84.7	92.0	99.3	113.2	155.5	242.4	356.2
-13.75°	65.2	67.5	69.7	75.9	82.0	89.0	96.1	105.5	129.9	192.7	290.4
-15°	64.6	66.6	68.8	73.3	79.4	85.7	92.6	99.6	112.5	149.4	227.1
-16.25°	64.2	65.7	67.9	70.6	76.5	82.3	89.0	95.7	104.2	124.2	174.2
-17.5°	63.7	64.8	66.9	69.0	73.4	79.1	85.1	91.6	98.1	107.7	132.7
-18.75°	63.2	64.3	65.8	67.8	70.2	75.8	81.3	87.4	93.6	100.1	110.5
-20°	62.7	63.7	64.7	66.7	68.7	72.3	77.7	82.9	89.0	95.0	101.9
-21.25°	62.2	63.2	64.1	65.4	67.4	69.3	73.8	79.0	84.2	90.0	95.7



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	61.6	62.6	63.5	64.5	66.1	67.9	69.9	74.9	79.8	84.8	90.3
-23.75°	61.0	62.0	62.9	63.8	64.7	66.5	68.3	70.7	75.4	80.1	84.8
-25°	60.4	61.3	62.3	63.2	64.0	65.0	66.8	68.5	70.9	75.4	79.8
-26.25°	59.8	60.7	61.6	62.5	63.3	64.2	65.2	66.9	68.5	70.7	74.9
-27.5°	59.1	60.0	60.9	61.7	62.6	63.4	64.2	65.2	66.8	68.3	69.9
-28.75°	58.5	59.3	60.2	61.0	61.8	62.6	63.4	64.2	65.0	66.5	67.9
-30°	57.8	58.6	59.4	60.3	61.0	61.8	62.6	63.3	64.0	64.7	66.1
-31.25°	57.1	57.9	58.7	59.5	60.3	61.0	61.7	62.5	63.2	63.8	64.5
-32.5°	56.4	57.1	57.9	58.7	59.4	60.2	60.9	61.6	62.3	62.9	63.5
-33.75°	55.6	56.4	57.1	57.9	58.6	59.3	60.0	60.7	61.3	62.0	62.6
-35°	55.0	55.6	56.4	57.1	57.8	58.5	59.1	59.8	60.4	61.0	61.6
-36.25°	54.5	54.9	55.5	56.2	56.9	57.6	58.2	58.9	59.5	60.1	60.6
-37.5°	53.9	54.4	54.9	55.4	56.1	56.7	57.3	57.9	58.5	59.1	59.6
-38.75°	53.6	53.9	54.3	54.8	55.2	55.8	56.4	57.0	57.6	58.1	58.7
-40°	53.6	53.6	53.8	54.2	54.6	55.0	55.5	56.1	56.6	57.1	57.6
-41.25°	53.6	53.6	53.6	53.6	54.0	54.4	54.8	55.1	55.6	56.1	56.6
-42.5°	53.6	53.6	53.6	53.6	53.6	53.8	54.1	54.5	54.8	55.2	55.6
-43.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.2	54.5	54.8
-45°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.1
-46.25°	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-47.5°	52.7	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-48.75°	52.1	52.5	52.8	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6
-50°	50.6	51.6	52.2	52.5	52.8	53.2	53.4	53.6	53.6	53.6	53.6
-51.25°	48.8	49.8	50.8	51.7	52.2	52.5	52.8	53.1	53.3	53.6	53.6
-52.5°	47.1	48.0	48.9	49.8	50.7	51.5	52.1	52.4	52.6	52.9	53.1
-53.75°	45.6	46.3	47.1	47.9	48.7	49.6	50.3	51.1	51.8	52.2	52.4
-55°	44.0	44.8	45.5	46.2	46.9	47.6	48.3	49.0	49.7	50.4	51.0
-56.25°	42.1	43.2	43.9	44.6	45.2	45.8	46.4	47.0	47.6	48.3	48.9
-57.5°	39.6	40.7	41.8	42.8	43.6	44.2	44.7	45.3	45.8	46.3	46.8
-58.75°	37.2	38.2	39.2	40.2	41.1	42.1	42.9	43.6	44.1	44.6	45.0
-60°	34.7	35.7	36.7	37.6	38.5	39.4	40.2	41.0	41.8	42.5	43.2
-61.25°	32.2	33.1	34.1	35.0	35.8	36.7	37.5	38.2	39.0	39.7	40.3
-62.5°	29.8	30.6	31.5	32.3	33.1	33.9	34.7	35.4	36.1	36.8	37.4
-63.75°	27.6	28.3	29.1	29.8	30.5	31.2	31.9	32.6	33.3	33.9	34.5
-65°	25.4	26.1	26.8	27.4	28.1	28.7	29.3	29.9	30.5	31.1	31.6
-66.25°	23.4	24.0	24.5	25.1	25.7	26.3	26.9	27.4	28.0	28.5	28.9
-67.5°	21.5	22.0	22.6	23.1	23.6	24.0	24.5	25.0	25.5	25.9	26.4
-68.75°	19.7	20.1	20.6	21.1	21.5	22.0	22.4	22.8	23.2	23.6	24.0
-70°	18.4	18.7	19.1	19.4	19.7	19.9	20.3	20.7	21.1	21.4	21.8
-71.25°	17.1	17.4	17.7	18.0	18.3	18.6	18.8	19.0	19.3	19.5	19.7
-72.5°	16.3	16.5	16.6	16.7	16.9	17.2	17.4	17.6	17.8	18.0	18.2
-73.75°	15.7	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8
-75°	15.0	15.1	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.1
-76.25°	14.0	14.1	14.3	14.5	14.6	14.7	14.9	15.0	15.1	15.2	15.3
-77.5°	13.0	13.2	13.3	13.4	13.6	13.7	13.8	13.9	14.1	14.2	14.3



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	11.8	11.9	12.1	12.3	12.5	12.6	12.8	12.9	13.0	13.1	13.2
-80°	10.5	10.6	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.7	11.8
-81.25°	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3
-82.5°	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
-83.75°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4
-85°	5.0	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8
-86.25°	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9
-87.5°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
-88.75°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4
86.25°	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.3
85°	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3
83.75°	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9
82.5°	8.9	9.0	9.1	9.2	9.2	9.3	9.3	9.4	9.4	9.5	9.5
81.25°	10.4	10.5	10.6	10.7	10.7	10.8	10.9	10.9	11.0	11.0	11.1
80°	11.9	12.0	12.1	12.2	12.3	12.4	12.4	12.5	12.6	12.6	12.6
78.75°	13.3	13.3	13.4	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.9
77.5°	14.4	14.5	14.6	14.6	14.7	14.8	14.9	14.9	15.0	15.0	15.1
76.25°	15.4	15.5	15.5	15.6	15.6	15.7	15.7	15.8	15.8	15.9	15.9
75°	16.1	16.2	16.3	16.3	16.4	16.5	16.5	16.6	16.6	16.7	16.7
73.75°	17.0	17.1	17.3	17.4	17.5	17.7	17.8	17.9	18.0	18.1	18.2
72.5°	18.4	18.6	18.8	18.9	19.1	19.2	19.3	19.5	19.6	19.6	19.7
71.25°	19.9	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	21.8	22.0
70°	22.1	22.4	22.7	23.0	23.2	23.4	23.7	23.9	24.0	24.2	24.3
68.75°	24.3	24.6	25.0	25.3	25.6	25.9	26.2	26.4	26.6	26.8	27.0
67.5°	26.8	27.2	27.6	27.9	28.3	28.6	28.9	29.1	29.4	29.6	29.8
66.25°	29.4	29.8	30.2	30.6	31.0	31.4	31.8	32.1	32.4	32.6	32.8
65°	32.2	32.7	33.2	33.6	34.1	34.5	34.8	35.2	35.5	35.8	36.0
63.75°	35.1	35.7	36.2	36.7	37.1	37.5	37.9	38.3	38.6	38.9	39.2
62.5°	38.1	38.6	39.2	39.7	40.2	40.6	41.0	41.4	41.7	42.0	42.3
61.25°	41.0	41.6	42.2	42.7	43.2	43.5	43.8	44.0	44.2	44.4	44.6
60°	43.6	44.0	44.4	44.8	45.1	45.4	45.7	46.0	46.2	46.4	46.6
58.75°	45.5	45.9	46.3	46.6	47.0	47.3	47.7	48.0	48.3	48.6	48.8
57.5°	47.3	47.8	48.3	48.8	49.2	49.6	50.0	50.3	50.7	50.9	51.2
56.25°	49.5	50.0	50.5	51.0	51.5	51.9	52.1	52.2	52.3	52.4	52.5
55°	51.6	52.1	52.3	52.4	52.6	52.7	52.9	53.0	53.1	53.2	53.3
53.75°	52.6	52.8	53.0	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.6
52.5°	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
51.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
50°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
48.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.9	54.0
47.5°	53.6	53.6	53.6	53.7	53.9	54.1	54.2	54.4	54.6	54.7	54.8
46.25°	53.7	53.9	54.2	54.4	54.6	54.8	55.0	55.2	55.4	55.6	55.8
45°	54.4	54.7	54.9	55.1	55.4	55.8	56.0	56.3	56.6	56.8	57.0
43.75°	55.1	55.4	55.8	56.2	56.6	56.9	57.2	57.5	57.7	57.9	58.1
42.5°	56.1	56.5	56.9	57.3	57.7	58.0	58.3	58.6	58.9	59.1	59.3
41.25°	57.1	57.6	58.0	58.4	58.8	59.1	59.4	59.7	60.0	60.3	60.5
40°	58.1	58.6	59.0	59.5	59.9	60.2	60.6	60.9	61.2	61.4	61.6
38.75°	59.2	59.6	60.1	60.5	60.9	61.3	61.7	62.0	62.3	62.6	62.8
37.5°	60.2	60.7	61.2	61.6	62.0	62.4	62.8	63.1	63.4	63.7	64.0
36.25°	61.2	61.7	62.2	62.7	63.1	63.5	63.9	64.3	64.6	65.0	65.5
35°	62.2	62.7	63.2	63.7	64.2	64.6	65.2	66.0	66.7	67.3	67.9



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	63.2	63.7	64.3	64.8	65.7	66.6	67.5	68.3	69.0	69.6	71.1
32.5°	64.1	64.7	65.8	66.9	67.9	68.8	69.7	72.0	74.1	76.0	77.7
31.25°	65.4	66.7	67.8	69.0	70.6	73.3	75.9	78.3	80.5	82.5	84.4
30°	67.4	68.7	70.2	73.4	76.5	79.4	82.0	84.7	87.4	89.9	92.0
28.75°	69.3	72.3	75.8	79.1	82.3	85.7	89.0	92.0	94.8	97.4	99.9
27.5°	73.8	77.7	81.3	85.1	89.0	92.6	96.1	99.3	104.0	108.4	117.0
26.25°	79.0	82.9	87.4	91.6	95.7	99.6	105.5	113.2	127.4	141.9	169.5
25°	84.2	89.0	93.6	98.1	104.2	112.5	129.9	155.5	191.1	228.9	269.4
23.75°	90.0	95.0	100.1	107.7	124.2	149.4	192.7	242.4	294.5	347.5	397.2
22.5°	95.7	101.9	110.5	132.7	174.2	227.1	290.4	356.2	419.9	482.5	539.1
21.25°	102.4	113.8	137.9	190.9	257.0	330.1	407.1	483.7	556.0	622.2	681.9
20°	113.8	139.9	199.3	275.0	358.9	445.7	532.7	614.5	690.6	749.3	787.8
18.75°	137.9	199.3	281.1	373.4	469.8	565.9	657.1	738.7	787.6	832.7	873.5
17.5°	190.9	275.0	373.4	477.9	582.6	683.0	760.4	815.6	867.2	914.8	950.9
16.25°	257.0	358.9	469.8	582.6	691.6	771.4	832.6	890.6	940.3	981.0	1025.8
15°	330.1	445.7	565.9	683.0	771.4	838.3	902.5	955.2	1005.7	1058.3	1113.4
13.75°	407.1	532.7	657.1	760.4	832.6	902.5	960.2	1018.3	1080.9	1146.4	1225.1
12.5°	483.7	614.5	738.7	815.6	890.6	955.2	1018.3	1088.6	1167.7	1260.9	1385.9
11.25°	556.0	690.6	787.6	867.2	940.3	1005.7	1080.9	1167.7	1277.7	1421.2	1586.9
10°	622.2	749.3	832.7	914.8	981.0	1058.3	1146.4	1260.9	1421.2	1610.3	1835.0
8.75°	681.9	787.8	873.5	950.9	1025.8	1113.4	1225.1	1385.9	1586.9	1835.0	2132.3
7.5°	733.6	822.0	909.8	982.1	1067.5	1170.6	1316.7	1517.8	1770.6	2088.0	2489.7
6.25°	761.3	851.5	937.2	1014.7	1107.8	1228.5	1409.4	1645.3	1957.9	2361.2	2899.9
5°	784.4	876.1	958.3	1042.0	1142.1	1288.7	1503.6	1783.2	2150.5	2649.7	3335.9
3.75°	802.6	895.4	975.0	1065.0	1178.1	1346.5	1581.6	1894.1	2325.4	2942.5	3777.1
2.5°	815.7	909.4	988.2	1083.0	1204.2	1388.6	1640.4	1995.0	2482.3	3182.1	4117.2
1.25°	823.6	917.9	997.0	1094.0	1220.1	1414.1	1685.6	2058.6	2578.7	3330.1	4348.0
0°	826.3	920.7	1000.0	1097.7	1225.4	1422.7	1700.8	2080.0	2611.2	3380.2	4430.4
-1.25°	823.6	917.9	997.0	1094.0	1220.1	1414.1	1685.6	2058.6	2578.7	3330.1	4348.0
-2.5°	815.7	909.4	988.2	1083.0	1204.2	1388.6	1640.4	1995.0	2482.3	3182.1	4117.2
-3.75°	802.6	895.4	975.0	1065.0	1178.1	1346.5	1581.6	1894.1	2325.4	2942.5	3777.1
-5°	784.4	876.1	958.3	1042.0	1142.1	1288.7	1503.6	1783.2	2150.5	2649.7	3335.9
-6.25°	761.3	851.5	937.2	1014.7	1107.8	1228.5	1409.4	1645.3	1957.9	2361.2	2899.9
-7.5°	733.6	822.0	909.8	982.1	1067.5	1170.6	1316.7	1517.8	1770.6	2088.0	2489.7
-8.75°	681.9	787.8	873.5	950.9	1025.8	1113.4	1225.1	1385.9	1586.9	1835.0	2132.3
-10°	622.2	749.3	832.7	914.8	981.0	1058.3	1146.4	1260.9	1421.2	1610.3	1835.0
-11.25°	556.0	690.6	787.6	867.2	940.3	1005.7	1080.9	1167.7	1277.7	1421.2	1586.9
-12.5°	483.7	614.5	738.7	815.6	890.6	955.2	1018.3	1088.6	1167.7	1260.9	1385.9
-13.75°	407.1	532.7	657.1	760.4	832.6	902.5	960.2	1018.3	1080.9	1146.4	1225.1
-15°	330.1	445.7	565.9	683.0	771.4	838.3	902.5	955.2	1005.7	1058.3	1113.4
-16.25°	257.0	358.9	469.8	582.6	691.6	771.4	832.6	890.6	940.3	981.0	1025.8
-17.5°	190.9	275.0	373.4	477.9	582.6	683.0	760.4	815.6	867.2	914.8	950.9
-18.75°	137.9	199.3	281.1	373.4	469.8	565.9	657.1	738.7	787.6	832.7	873.5
-20°	113.8	139.9	199.3	275.0	358.9	445.7	532.7	614.5	690.6	749.3	787.8
-21.25°	102.4	113.8	137.9	190.9	257.0	330.1	407.1	483.7	556.0	622.2	681.9



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	95.7	101.9	110.5	132.7	174.2	227.1	290.4	356.2	419.9	482.5	539.1
-23.75°	90.0	95.0	100.1	107.7	124.2	149.4	192.7	242.4	294.5	347.5	397.2
-25°	84.2	89.0	93.6	98.1	104.2	112.5	129.9	155.5	191.1	228.9	269.4
-26.25°	79.0	82.9	87.4	91.6	95.7	99.6	105.5	113.2	127.4	141.9	169.5
-27.5°	73.8	77.7	81.3	85.1	89.0	92.6	96.1	99.3	104.0	108.4	117.0
-28.75°	69.3	72.3	75.8	79.1	82.3	85.7	89.0	92.0	94.8	97.4	99.9
-30°	67.4	68.7	70.2	73.4	76.5	79.4	82.0	84.7	87.4	89.9	92.0
-31.25°	65.4	66.7	67.8	69.0	70.6	73.3	75.9	78.3	80.5	82.5	84.4
-32.5°	64.1	64.7	65.8	66.9	67.9	68.8	69.7	72.0	74.1	76.0	77.7
-33.75°	63.2	63.7	64.3	64.8	65.7	66.6	67.5	68.3	69.0	69.6	71.1
-35°	62.2	62.7	63.2	63.7	64.2	64.6	65.2	66.0	66.7	67.3	67.9
-36.25°	61.2	61.7	62.2	62.7	63.1	63.5	63.9	64.3	64.6	65.0	65.5
-37.5°	60.2	60.7	61.2	61.6	62.0	62.4	62.8	63.1	63.4	63.7	64.0
-38.75°	59.2	59.6	60.1	60.5	60.9	61.3	61.7	62.0	62.3	62.6	62.8
-40°	58.1	58.6	59.0	59.5	59.9	60.2	60.6	60.9	61.2	61.4	61.6
-41.25°	57.1	57.6	58.0	58.4	58.8	59.1	59.4	59.7	60.0	60.3	60.5
-42.5°	56.1	56.5	56.9	57.3	57.7	58.0	58.3	58.6	58.9	59.1	59.3
-43.75°	55.1	55.4	55.8	56.2	56.6	56.9	57.2	57.5	57.7	57.9	58.1
-45°	54.4	54.7	54.9	55.1	55.4	55.8	56.0	56.3	56.6	56.8	57.0
-46.25°	53.7	53.9	54.2	54.4	54.6	54.8	55.0	55.2	55.4	55.6	55.8
-47.5°	53.6	53.6	53.6	53.7	53.9	54.1	54.2	54.4	54.6	54.7	54.8
-48.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.9	54.0
-50°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-51.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-52.5°	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-53.75°	52.6	52.8	53.0	53.2	53.3	53.5	53.6	53.6	53.6	53.6	53.6
-55°	51.6	52.1	52.3	52.4	52.6	52.7	52.9	53.0	53.1	53.2	53.3
-56.25°	49.5	50.0	50.5	51.0	51.5	51.9	52.1	52.2	52.3	52.4	52.5
-57.5°	47.3	47.8	48.3	48.8	49.2	49.6	50.0	50.3	50.7	50.9	51.2
-58.75°	45.5	45.9	46.3	46.6	47.0	47.3	47.7	48.0	48.3	48.6	48.8
-60°	43.6	44.0	44.4	44.8	45.1	45.4	45.7	46.0	46.2	46.4	46.6
-61.25°	41.0	41.6	42.2	42.7	43.2	43.5	43.8	44.0	44.2	44.4	44.6
-62.5°	38.1	38.6	39.2	39.7	40.2	40.6	41.0	41.4	41.7	42.0	42.3
-63.75°	35.1	35.7	36.2	36.7	37.1	37.5	37.9	38.3	38.6	38.9	39.2
-65°	32.2	32.7	33.2	33.6	34.1	34.5	34.8	35.2	35.5	35.8	36.0
-66.25°	29.4	29.8	30.2	30.6	31.0	31.4	31.8	32.1	32.4	32.6	32.8
-67.5°	26.8	27.2	27.6	27.9	28.3	28.6	28.9	29.1	29.4	29.6	29.8
-68.75°	24.3	24.6	25.0	25.3	25.6	25.9	26.2	26.4	26.6	26.8	27.0
-70°	22.1	22.4	22.7	23.0	23.2	23.4	23.7	23.9	24.0	24.2	24.3
-71.25°	19.9	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	21.8	22.0
-72.5°	18.4	18.6	18.8	18.9	19.1	19.2	19.3	19.5	19.6	19.6	19.7
-73.75°	17.0	17.1	17.3	17.4	17.5	17.7	17.8	17.9	18.0	18.1	18.2
-75°	16.1	16.2	16.3	16.3	16.4	16.5	16.5	16.6	16.6	16.7	16.7
-76.25°	15.4	15.5	15.5	15.6	15.6	15.7	15.7	15.8	15.8	15.9	15.9
-77.5°	14.4	14.5	14.6	14.6	14.7	14.8	14.9	14.9	15.0	15.0	15.1



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	13.3	13.3	13.4	13.5	13.6	13.6	13.7	13.7	13.8	13.8	13.9
-80°	11.9	12.0	12.1	12.2	12.3	12.4	12.4	12.5	12.6	12.6	12.6
-81.25°	10.4	10.5	10.6	10.7	10.7	10.8	10.9	10.9	11.0	11.0	11.1
-82.5°	8.9	9.0	9.1	9.2	9.2	9.3	9.3	9.4	9.4	9.5	9.5
-83.75°	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9
-85°	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3
-86.25°	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.3
-87.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4
-88.75°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
86.25°	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
83.75°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
82.5°	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
81.25°	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
80°	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
78.75°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
77.5°	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
76.25°	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
75°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
73.75°	18.2	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.3
72.5°	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9
71.25°	22.1	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
70°	24.5	24.6	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.6
68.75°	27.2	27.3	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.4
67.5°	29.9	30.1	30.2	30.3	30.3	30.4	30.4	30.4	30.3	30.3	30.2
66.25°	33.0	33.2	33.4	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.4
65°	36.2	36.4	36.5	36.7	36.7	36.8	36.8	36.8	36.7	36.7	36.5
63.75°	39.4	39.6	39.7	39.8	39.9	40.0	40.0	40.0	39.9	39.8	39.7
62.5°	42.5	42.7	42.9	43.0	43.1	43.2	43.2	43.2	43.1	43.0	42.9
61.25°	44.8	44.9	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.1	45.0
60°	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.1	47.1	47.0
58.75°	49.0	49.2	49.3	49.5	49.5	49.6	49.6	49.6	49.5	49.5	49.3
57.5°	51.4	51.6	51.7	51.9	51.9	52.0	52.0	52.0	51.9	51.9	51.7
56.25°	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.7	52.7
55°	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.5	53.5
53.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
52.5°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
51.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
50°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
48.75°	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.3	54.3
47.5°	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.1	55.1
46.25°	56.0	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.3	56.3	56.2
45°	57.1	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.5	57.5	57.4
43.75°	58.3	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.7	58.7	58.6
42.5°	59.5	59.6	59.8	59.9	59.9	60.0	60.0	60.0	59.9	59.9	59.8
41.25°	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.1	61.1	61.0
40°	61.8	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.3	62.3	62.2
38.75°	63.0	63.2	63.3	63.5	63.5	63.6	63.6	63.6	63.5	63.5	63.3
37.5°	64.2	64.4	64.5	64.6	64.7	64.8	64.8	64.8	64.7	64.6	64.5
36.25°	65.9	66.3	66.7	66.9	67.1	67.2	67.3	67.2	67.1	66.9	66.7
35°	68.3	68.8	69.1	69.4	69.5	69.7	69.7	69.7	69.5	69.4	69.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	72.5	73.7	74.7	75.5	76.1	76.4	76.5	76.4	76.1	75.5	74.7
32.5°	79.2	80.4	81.4	82.3	82.8	83.2	83.3	83.2	82.8	82.3	81.4
31.25°	86.2	87.7	89.0	90.0	90.7	91.2	91.3	91.2	90.7	90.0	89.0
30°	93.9	95.6	96.9	97.9	98.7	99.1	99.3	99.1	98.7	97.9	96.9
28.75°	103.1	105.9	108.2	110.5	114.2	116.4	117.1	116.4	114.2	110.5	108.2
27.5°	126.7	134.9	145.2	158.0	167.2	172.7	174.6	172.7	167.2	158.0	145.2
26.25°	193.8	216.5	240.4	259.2	272.7	280.9	283.6	280.9	272.7	259.2	240.4
25°	305.1	340.2	369.6	392.7	409.3	419.4	422.7	419.4	409.3	392.7	369.6
23.75°	442.4	483.0	516.6	543.0	562.0	573.4	577.3	573.4	562.0	543.0	516.6
22.5°	589.0	631.8	667.4	695.4	715.6	727.7	731.8	727.7	715.6	695.4	667.4
21.25°	733.6	761.3	784.4	802.6	815.7	823.6	826.3	823.6	815.7	802.6	784.4
20°	822.0	851.5	876.1	895.4	909.4	917.9	920.7	917.9	909.4	895.4	876.1
18.75°	909.8	937.2	958.3	975.0	988.2	997.0	1000.0	997.0	988.2	975.0	958.3
17.5°	982.1	1014.7	1042.0	1065.0	1083.0	1094.0	1097.7	1094.0	1083.0	1065.0	1042.0
16.25°	1067.5	1107.8	1142.1	1178.1	1204.2	1220.1	1225.4	1220.1	1204.2	1178.1	1142.1
15°	1170.6	1228.5	1288.7	1346.5	1388.6	1414.1	1422.7	1414.1	1388.6	1346.5	1288.7
13.75°	1316.7	1409.4	1503.6	1581.6	1640.4	1685.6	1700.8	1685.6	1640.4	1581.6	1503.6
12.5°	1517.8	1645.3	1783.2	1894.1	1995.0	2058.6	2080.0	2058.6	1995.0	1894.1	1783.2
11.25°	1770.6	1957.9	2150.5	2325.4	2482.3	2578.7	2611.2	2578.7	2482.3	2325.4	2150.5
10°	2088.0	2361.2	2649.7	2942.5	3182.1	3330.1	3380.2	3330.1	3182.1	2942.5	2649.7
8.75°	2489.7	2899.9	3335.9	3777.1	4117.2	4348.0	4430.4	4348.0	4117.2	3777.1	3335.9
7.5°	2995.7	3583.2	4191.9	4775.7	5227.8	5528.3	5631.2	5528.3	5227.8	4775.7	4191.9
6.25°	3583.2	4355.6	5133.5	5846.3	6398.7	6751.3	6873.3	6751.3	6398.7	5846.3	5133.5
5°	4191.9	5133.5	6064.5	6876.1	7509.2	7920.4	8065.4	7920.4	7509.2	6876.1	6064.5
3.75°	4775.7	5846.3	6876.1	7780.7	8472.8	8922.4	9060.8	8922.4	8472.8	7780.7	6876.1
2.5°	5227.8	6398.7	7509.2	8472.8	9207.6	9677.1	9826.8	9677.1	9207.6	8472.8	7509.2
1.25°	5528.3	6751.3	7920.4	8922.4	9677.1	10155.0	10320.8	10155.0	9677.1	8922.4	7920.4
0°	5631.2	6873.3	8065.4	9060.8	9826.8	10320.8	10538.5	10320.8	9826.8	9060.8	8065.4
-1.25°	5528.3	6751.3	7920.4	8922.4	9677.1	10155.0	10320.8	10155.0	9677.1	8922.4	7920.4
-2.5°	5227.8	6398.7	7509.2	8472.8	9207.6	9677.1	9826.8	9677.1	9207.6	8472.8	7509.2
-3.75°	4775.7	5846.3	6876.1	7780.7	8472.8	8922.4	9060.8	8922.4	8472.8	7780.7	6876.1
-5°	4191.9	5133.5	6064.5	6876.1	7509.2	7920.4	8065.4	7920.4	7509.2	6876.1	6064.5
-6.25°	3583.2	4355.6	5133.5	5846.3	6398.7	6751.3	6873.3	6751.3	6398.7	5846.3	5133.5
-7.5°	2995.7	3583.2	4191.9	4775.7	5227.8	5528.3	5631.2	5528.3	5227.8	4775.7	4191.9
-8.75°	2489.7	2899.9	3335.9	3777.1	4117.2	4348.0	4430.4	4348.0	4117.2	3777.1	3335.9
-10°	2088.0	2361.2	2649.7	2942.5	3182.1	3330.1	3380.2	3330.1	3182.1	2942.5	2649.7
-11.25°	1770.6	1957.9	2150.5	2325.4	2482.3	2578.7	2611.2	2578.7	2482.3	2325.4	2150.5
-12.5°	1517.8	1645.3	1783.2	1894.1	1995.0	2058.6	2080.0	2058.6	1995.0	1894.1	1783.2
-13.75°	1316.7	1409.4	1503.6	1581.6	1640.4	1685.6	1700.8	1685.6	1640.4	1581.6	1503.6
-15°	1170.6	1228.5	1288.7	1346.5	1388.6	1414.1	1422.7	1414.1	1388.6	1346.5	1288.7
-16.25°	1067.5	1107.8	1142.1	1178.1	1204.2	1220.1	1225.4	1220.1	1204.2	1178.1	1142.1
-17.5°	982.1	1014.7	1042.0	1065.0	1083.0	1094.0	1097.7	1094.0	1083.0	1065.0	1042.0
-18.75°	909.8	937.2	958.3	975.0	988.2	997.0	1000.0	997.0	988.2	975.0	958.3
-20°	822.0	851.5	876.1	895.4	909.4	917.9	920.7	917.9	909.4	895.4	876.1
-21.25°	733.6	761.3	784.4	802.6	815.7	823.6	826.3	823.6	815.7	802.6	784.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	589.0	631.8	667.4	695.4	715.6	727.7	731.8	727.7	715.6	695.4	667.4
-23.75°	442.4	483.0	516.6	543.0	562.0	573.4	577.3	573.4	562.0	543.0	516.6
-25°	305.1	340.2	369.6	392.7	409.3	419.4	422.7	419.4	409.3	392.7	369.6
-26.25°	193.8	216.5	240.4	259.2	272.7	280.9	283.6	280.9	272.7	259.2	240.4
-27.5°	126.7	134.9	145.2	158.0	167.2	172.7	174.6	172.7	167.2	158.0	145.2
-28.75°	103.1	105.9	108.2	110.5	114.2	116.4	117.1	116.4	114.2	110.5	108.2
-30°	93.9	95.6	96.9	97.9	98.7	99.1	99.3	99.1	98.7	97.9	96.9
-31.25°	86.2	87.7	89.0	90.0	90.7	91.2	91.3	91.2	90.7	90.0	89.0
-32.5°	79.2	80.4	81.4	82.3	82.8	83.2	83.3	83.2	82.8	82.3	81.4
-33.75°	72.5	73.7	74.7	75.5	76.1	76.4	76.5	76.4	76.1	75.5	74.7
-35°	68.3	68.8	69.1	69.4	69.5	69.7	69.7	69.7	69.5	69.4	69.1
-36.25°	65.9	66.3	66.7	66.9	67.1	67.2	67.3	67.2	67.1	66.9	66.7
-37.5°	64.2	64.4	64.5	64.6	64.7	64.8	64.8	64.8	64.7	64.6	64.5
-38.75°	63.0	63.2	63.3	63.5	63.5	63.6	63.6	63.6	63.5	63.5	63.3
-40°	61.8	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.3	62.3	62.2
-41.25°	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.1	61.1	61.0
-42.5°	59.5	59.6	59.8	59.9	59.9	60.0	60.0	60.0	59.9	59.9	59.8
-43.75°	58.3	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.7	58.7	58.6
-45°	57.1	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.5	57.5	57.4
-46.25°	56.0	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.3	56.3	56.2
-47.5°	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.1	55.1
-48.75°	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.3	54.3
-50°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-51.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-52.5°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-53.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-55°	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.5	53.5
-56.25°	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.7	52.7
-57.5°	51.4	51.6	51.7	51.9	51.9	52.0	52.0	52.0	51.9	51.9	51.7
-58.75°	49.0	49.2	49.3	49.5	49.5	49.6	49.6	49.6	49.5	49.5	49.3
-60°	46.7	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.1	47.1	47.0
-61.25°	44.8	44.9	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.1	45.0
-62.5°	42.5	42.7	42.9	43.0	43.1	43.2	43.2	43.2	43.1	43.0	42.9
-63.75°	39.4	39.6	39.7	39.8	39.9	40.0	40.0	40.0	39.9	39.8	39.7
-65°	36.2	36.4	36.5	36.7	36.7	36.8	36.8	36.8	36.7	36.7	36.5
-66.25°	33.0	33.2	33.4	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.4
-67.5°	29.9	30.1	30.2	30.3	30.3	30.4	30.4	30.4	30.3	30.3	30.2
-68.75°	27.2	27.3	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.4
-70°	24.5	24.6	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.7	24.6
-71.25°	22.1	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
-72.5°	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9
-73.75°	18.2	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.3
-75°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
-76.25°	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-77.5°	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
-80°	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
-81.25°	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
-82.5°	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
-83.75°	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-85°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-86.25°	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
-87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
87.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
86.25°	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.1
85°	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0	6.0
83.75°	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6
82.5°	9.5	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.2	9.2	9.1
81.25°	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.7	10.7	10.6
80°	12.7	12.7	12.6	12.6	12.6	12.5	12.4	12.4	12.3	12.2	12.1
78.75°	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4
77.5°	15.1	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.7	14.6	14.6
76.25°	15.9	15.9	15.9	15.9	15.8	15.8	15.7	15.7	15.6	15.6	15.5
75°	16.7	16.7	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.3	16.3
73.75°	18.3	18.2	18.2	18.1	18.0	17.9	17.8	17.7	17.5	17.4	17.3
72.5°	19.9	19.8	19.7	19.6	19.6	19.5	19.3	19.2	19.1	18.9	18.8
71.25°	22.2	22.1	22.0	21.8	21.7	21.5	21.3	21.1	20.9	20.7	20.4
70°	24.6	24.5	24.3	24.2	24.0	23.9	23.7	23.4	23.2	23.0	22.7
68.75°	27.3	27.2	27.0	26.8	26.6	26.4	26.2	25.9	25.6	25.3	25.0
67.5°	30.1	29.9	29.8	29.6	29.4	29.1	28.9	28.6	28.3	27.9	27.6
66.25°	33.2	33.0	32.8	32.6	32.4	32.1	31.8	31.4	31.0	30.6	30.2
65°	36.4	36.2	36.0	35.8	35.5	35.2	34.8	34.5	34.1	33.6	33.2
63.75°	39.6	39.4	39.2	38.9	38.6	38.3	37.9	37.5	37.1	36.7	36.2
62.5°	42.7	42.5	42.3	42.0	41.7	41.4	41.0	40.6	40.2	39.7	39.2
61.25°	44.9	44.8	44.6	44.4	44.2	44.0	43.8	43.5	43.2	42.7	42.2
60°	46.9	46.7	46.6	46.4	46.2	46.0	45.7	45.4	45.1	44.8	44.4
58.75°	49.2	49.0	48.8	48.6	48.3	48.0	47.7	47.3	47.0	46.6	46.3
57.5°	51.6	51.4	51.2	50.9	50.7	50.3	50.0	49.6	49.2	48.8	48.3
56.25°	52.7	52.6	52.5	52.4	52.3	52.2	52.1	51.9	51.5	51.0	50.5
55°	53.4	53.4	53.3	53.2	53.1	53.0	52.9	52.7	52.6	52.4	52.3
53.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.5	53.3	53.2	53.0
52.5°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
51.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
50°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
48.75°	54.2	54.1	54.0	53.9	53.8	53.6	53.6	53.6	53.6	53.6	53.6
47.5°	55.0	54.9	54.8	54.7	54.6	54.4	54.2	54.1	53.9	53.7	53.6
46.25°	56.1	56.0	55.8	55.6	55.4	55.2	55.0	54.8	54.6	54.4	54.2
45°	57.3	57.1	57.0	56.8	56.6	56.3	56.0	55.8	55.4	55.1	54.9
43.75°	58.5	58.3	58.1	57.9	57.7	57.5	57.2	56.9	56.6	56.2	55.8
42.5°	59.6	59.5	59.3	59.1	58.9	58.6	58.3	58.0	57.7	57.3	56.9
41.25°	60.8	60.7	60.5	60.3	60.0	59.7	59.4	59.1	58.8	58.4	58.0
40°	62.0	61.8	61.6	61.4	61.2	60.9	60.6	60.2	59.9	59.5	59.0
38.75°	63.2	63.0	62.8	62.6	62.3	62.0	61.7	61.3	60.9	60.5	60.1
37.5°	64.4	64.2	64.0	63.7	63.4	63.1	62.8	62.4	62.0	61.6	61.2
36.25°	66.3	65.9	65.5	65.0	64.6	64.3	63.9	63.5	63.1	62.7	62.2
35°	68.8	68.3	67.9	67.3	66.7	66.0	65.2	64.6	64.2	63.7	63.2



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	73.7	72.5	71.1	69.6	69.0	68.3	67.5	66.6	65.7	64.8	64.3
32.5°	80.4	79.2	77.7	76.0	74.1	72.0	69.7	68.8	67.9	66.9	65.8
31.25°	87.7	86.2	84.4	82.5	80.5	78.3	75.9	73.3	70.6	69.0	67.8
30°	95.6	93.9	92.0	89.9	87.4	84.7	82.0	79.4	76.5	73.4	70.2
28.75°	105.9	103.1	99.9	97.4	94.8	92.0	89.0	85.7	82.3	79.1	75.8
27.5°	134.9	126.7	117.0	108.4	104.0	99.3	96.1	92.6	89.0	85.1	81.3
26.25°	216.5	193.8	169.5	141.9	127.4	113.2	105.5	99.6	95.7	91.6	87.4
25°	340.2	305.1	269.4	228.9	191.1	155.5	129.9	112.5	104.2	98.1	93.6
23.75°	483.0	442.4	397.2	347.5	294.5	242.4	192.7	149.4	124.2	107.7	100.1
22.5°	631.8	589.0	539.1	482.5	419.9	356.2	290.4	227.1	174.2	132.7	110.5
21.25°	761.3	733.6	681.9	622.2	556.0	483.7	407.1	330.1	257.0	190.9	137.9
20°	851.5	822.0	787.8	749.3	690.6	614.5	532.7	445.7	358.9	275.0	199.3
18.75°	937.2	909.8	873.5	832.7	787.6	738.7	657.1	565.9	469.8	373.4	281.1
17.5°	1014.7	982.1	950.9	914.8	867.2	815.6	760.4	683.0	582.6	477.9	373.4
16.25°	1107.8	1067.5	1025.8	981.0	940.3	890.6	832.6	771.4	691.6	582.6	469.8
15°	1228.5	1170.6	1113.4	1058.3	1005.7	955.2	902.5	838.3	771.4	683.0	565.9
13.75°	1409.4	1316.7	1225.1	1146.4	1080.9	1018.3	960.2	902.5	832.6	760.4	657.1
12.5°	1645.3	1517.8	1385.9	1260.9	1167.7	1088.6	1018.3	955.2	890.6	815.6	738.7
11.25°	1957.9	1770.6	1586.9	1421.2	1277.7	1167.7	1080.9	1005.7	940.3	867.2	787.6
10°	2361.2	2088.0	1835.0	1610.3	1421.2	1260.9	1146.4	1058.3	981.0	914.8	832.7
8.75°	2899.9	2489.7	2132.3	1835.0	1586.9	1385.9	1225.1	1113.4	1025.8	950.9	873.5
7.5°	3583.2	2995.7	2489.7	2088.0	1770.6	1517.8	1316.7	1170.6	1067.5	982.1	909.8
6.25°	4355.6	3583.2	2899.9	2361.2	1957.9	1645.3	1409.4	1228.5	1107.8	1014.7	937.2
5°	5133.5	4191.9	3335.9	2649.7	2150.5	1783.2	1503.6	1288.7	1142.1	1042.0	958.3
3.75°	5846.3	4775.7	3777.1	2942.5	2325.4	1894.1	1581.6	1346.5	1178.1	1065.0	975.0
2.5°	6398.7	5227.8	4117.2	3182.1	2482.3	1995.0	1640.4	1388.6	1204.2	1083.0	988.2
1.25°	6751.3	5528.3	4348.0	3330.1	2578.7	2058.6	1685.6	1414.1	1220.1	1094.0	997.0
0°	6873.3	5631.2	4430.4	3380.2	2611.2	2080.0	1700.8	1422.7	1225.4	1097.7	1000.0
-1.25°	6751.3	5528.3	4348.0	3330.1	2578.7	2058.6	1685.6	1414.1	1220.1	1094.0	997.0
-2.5°	6398.7	5227.8	4117.2	3182.1	2482.3	1995.0	1640.4	1388.6	1204.2	1083.0	988.2
-3.75°	5846.3	4775.7	3777.1	2942.5	2325.4	1894.1	1581.6	1346.5	1178.1	1065.0	975.0
-5°	5133.5	4191.9	3335.9	2649.7	2150.5	1783.2	1503.6	1288.7	1142.1	1042.0	958.3
-6.25°	4355.6	3583.2	2899.9	2361.2	1957.9	1645.3	1409.4	1228.5	1107.8	1014.7	937.2
-7.5°	3583.2	2995.7	2489.7	2088.0	1770.6	1517.8	1316.7	1170.6	1067.5	982.1	909.8
-8.75°	2899.9	2489.7	2132.3	1835.0	1586.9	1385.9	1225.1	1113.4	1025.8	950.9	873.5
-10°	2361.2	2088.0	1835.0	1610.3	1421.2	1260.9	1146.4	1058.3	981.0	914.8	832.7
-11.25°	1957.9	1770.6	1586.9	1421.2	1277.7	1167.7	1080.9	1005.7	940.3	867.2	787.6
-12.5°	1645.3	1517.8	1385.9	1260.9	1167.7	1088.6	1018.3	955.2	890.6	815.6	738.7
-13.75°	1409.4	1316.7	1225.1	1146.4	1080.9	1018.3	960.2	902.5	832.6	760.4	657.1
-15°	1228.5	1170.6	1113.4	1058.3	1005.7	955.2	902.5	838.3	771.4	683.0	565.9
-16.25°	1107.8	1067.5	1025.8	981.0	940.3	890.6	832.6	771.4	691.6	582.6	469.8
-17.5°	1014.7	982.1	950.9	914.8	867.2	815.6	760.4	683.0	582.6	477.9	373.4
-18.75°	937.2	909.8	873.5	832.7	787.6	738.7	657.1	565.9	469.8	373.4	281.1
-20°	851.5	822.0	787.8	749.3	690.6	614.5	532.7	445.7	358.9	275.0	199.3
-21.25°	761.3	733.6	681.9	622.2	556.0	483.7	407.1	330.1	257.0	190.9	137.9



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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	631.8	589.0	539.1	482.5	419.9	356.2	290.4	227.1	174.2	132.7	110.5
-23.75°	483.0	442.4	397.2	347.5	294.5	242.4	192.7	149.4	124.2	107.7	100.1
-25°	340.2	305.1	269.4	228.9	191.1	155.5	129.9	112.5	104.2	98.1	93.6
-26.25°	216.5	193.8	169.5	141.9	127.4	113.2	105.5	99.6	95.7	91.6	87.4
-27.5°	134.9	126.7	117.0	108.4	104.0	99.3	96.1	92.6	89.0	85.1	81.3
-28.75°	105.9	103.1	99.9	97.4	94.8	92.0	89.0	85.7	82.3	79.1	75.8
-30°	95.6	93.9	92.0	89.9	87.4	84.7	82.0	79.4	76.5	73.4	70.2
-31.25°	87.7	86.2	84.4	82.5	80.5	78.3	75.9	73.3	70.6	69.0	67.8
-32.5°	80.4	79.2	77.7	76.0	74.1	72.0	69.7	68.8	67.9	66.9	65.8
-33.75°	73.7	72.5	71.1	69.6	69.0	68.3	67.5	66.6	65.7	64.8	64.3
-35°	68.8	68.3	67.9	67.3	66.7	66.0	65.2	64.6	64.2	63.7	63.2
-36.25°	66.3	65.9	65.5	65.0	64.6	64.3	63.9	63.5	63.1	62.7	62.2
-37.5°	64.4	64.2	64.0	63.7	63.4	63.1	62.8	62.4	62.0	61.6	61.2
-38.75°	63.2	63.0	62.8	62.6	62.3	62.0	61.7	61.3	60.9	60.5	60.1
-40°	62.0	61.8	61.6	61.4	61.2	60.9	60.6	60.2	59.9	59.5	59.0
-41.25°	60.8	60.7	60.5	60.3	60.0	59.7	59.4	59.1	58.8	58.4	58.0
-42.5°	59.6	59.5	59.3	59.1	58.9	58.6	58.3	58.0	57.7	57.3	56.9
-43.75°	58.5	58.3	58.1	57.9	57.7	57.5	57.2	56.9	56.6	56.2	55.8
-45°	57.3	57.1	57.0	56.8	56.6	56.3	56.0	55.8	55.4	55.1	54.9
-46.25°	56.1	56.0	55.8	55.6	55.4	55.2	55.0	54.8	54.6	54.4	54.2
-47.5°	55.0	54.9	54.8	54.7	54.6	54.4	54.2	54.1	53.9	53.7	53.6
-48.75°	54.2	54.1	54.0	53.9	53.8	53.6	53.6	53.6	53.6	53.6	53.6
-50°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-51.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-52.5°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-53.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.5	53.3	53.2	53.0
-55°	53.4	53.4	53.3	53.2	53.1	53.0	52.9	52.7	52.6	52.4	52.3
-56.25°	52.7	52.6	52.5	52.4	52.3	52.2	52.1	51.9	51.5	51.0	50.5
-57.5°	51.6	51.4	51.2	50.9	50.7	50.3	50.0	49.6	49.2	48.8	48.3
-58.75°	49.2	49.0	48.8	48.6	48.3	48.0	47.7	47.3	47.0	46.6	46.3
-60°	46.9	46.7	46.6	46.4	46.2	46.0	45.7	45.4	45.1	44.8	44.4
-61.25°	44.9	44.8	44.6	44.4	44.2	44.0	43.8	43.5	43.2	42.7	42.2
-62.5°	42.7	42.5	42.3	42.0	41.7	41.4	41.0	40.6	40.2	39.7	39.2
-63.75°	39.6	39.4	39.2	38.9	38.6	38.3	37.9	37.5	37.1	36.7	36.2
-65°	36.4	36.2	36.0	35.8	35.5	35.2	34.8	34.5	34.1	33.6	33.2
-66.25°	33.2	33.0	32.8	32.6	32.4	32.1	31.8	31.4	31.0	30.6	30.2
-67.5°	30.1	29.9	29.8	29.6	29.4	29.1	28.9	28.6	28.3	27.9	27.6
-68.75°	27.3	27.2	27.0	26.8	26.6	26.4	26.2	25.9	25.6	25.3	25.0
-70°	24.6	24.5	24.3	24.2	24.0	23.9	23.7	23.4	23.2	23.0	22.7
-71.25°	22.2	22.1	22.0	21.8	21.7	21.5	21.3	21.1	20.9	20.7	20.4
-72.5°	19.9	19.8	19.7	19.6	19.6	19.5	19.3	19.2	19.1	18.9	18.8
-73.75°	18.3	18.2	18.2	18.1	18.0	17.9	17.8	17.7	17.5	17.4	17.3
-75°	16.7	16.7	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.3	16.3
-76.25°	15.9	15.9	15.9	15.9	15.8	15.8	15.7	15.7	15.6	15.6	15.5
-77.5°	15.1	15.1	15.1	15.0	15.0	14.9	14.9	14.8	14.7	14.6	14.6



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	13.9	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.4
-80°	12.7	12.7	12.6	12.6	12.6	12.5	12.4	12.4	12.3	12.2	12.1
-81.25°	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.7	10.7	10.6
-82.5°	9.5	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.2	9.2	9.1
-83.75°	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6
-85°	6.4	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0	6.0
-86.25°	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.1
-87.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
-88.75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
87.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0
86.25°	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.5
85°	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1
83.75°	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7
82.5°	9.0	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
81.25°	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4
80°	12.0	11.9	11.8	11.7	11.6	11.5	11.3	11.2	11.1	10.9	10.8
78.75°	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.6	12.5	12.3	12.1
77.5°	14.5	14.4	14.3	14.2	14.1	13.9	13.8	13.7	13.6	13.4	13.3
76.25°	15.5	15.4	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.5	14.3
75°	16.2	16.1	16.1	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.3
73.75°	17.1	17.0	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1	15.9
72.5°	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2	16.9	16.7	16.6
71.25°	20.2	19.9	19.7	19.5	19.3	19.0	18.8	18.6	18.3	18.0	17.7
70°	22.4	22.1	21.8	21.4	21.1	20.7	20.3	19.9	19.7	19.4	19.1
68.75°	24.6	24.3	24.0	23.6	23.2	22.8	22.4	22.0	21.5	21.1	20.6
67.5°	27.2	26.8	26.4	25.9	25.5	25.0	24.5	24.0	23.6	23.1	22.6
66.25°	29.8	29.4	28.9	28.5	28.0	27.4	26.9	26.3	25.7	25.1	24.5
65°	32.7	32.2	31.6	31.1	30.5	29.9	29.3	28.7	28.1	27.4	26.8
63.75°	35.7	35.1	34.5	33.9	33.3	32.6	31.9	31.2	30.5	29.8	29.1
62.5°	38.6	38.1	37.4	36.8	36.1	35.4	34.7	33.9	33.1	32.3	31.5
61.25°	41.6	41.0	40.3	39.7	39.0	38.2	37.5	36.7	35.8	35.0	34.1
60°	44.0	43.6	43.2	42.5	41.8	41.0	40.2	39.4	38.5	37.6	36.7
58.75°	45.9	45.5	45.0	44.6	44.1	43.6	42.9	42.1	41.1	40.2	39.2
57.5°	47.8	47.3	46.8	46.3	45.8	45.3	44.7	44.2	43.6	42.8	41.8
56.25°	50.0	49.5	48.9	48.3	47.6	47.0	46.4	45.8	45.2	44.6	43.9
55°	52.1	51.6	51.0	50.4	49.7	49.0	48.3	47.6	46.9	46.2	45.5
53.75°	52.8	52.6	52.4	52.2	51.8	51.1	50.3	49.6	48.7	47.9	47.1
52.5°	53.5	53.3	53.1	52.9	52.6	52.4	52.1	51.5	50.7	49.8	48.9
51.25°	53.6	53.6	53.6	53.6	53.3	53.1	52.8	52.5	52.2	51.7	50.8
50°	53.6	53.6	53.6	53.6	53.6	53.6	53.4	53.2	52.8	52.5	52.2
48.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.5	53.2	52.8
47.5°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.4
46.25°	53.9	53.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
45°	54.7	54.4	54.1	53.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6
43.75°	55.4	55.1	54.8	54.5	54.2	53.8	53.6	53.6	53.6	53.6	53.6
42.5°	56.5	56.1	55.6	55.2	54.8	54.5	54.1	53.8	53.6	53.6	53.6
41.25°	57.6	57.1	56.6	56.1	55.6	55.1	54.8	54.4	54.0	53.6	53.6
40°	58.6	58.1	57.6	57.1	56.6	56.1	55.5	55.0	54.6	54.2	53.8
38.75°	59.6	59.2	58.7	58.1	57.6	57.0	56.4	55.8	55.2	54.8	54.3
37.5°	60.7	60.2	59.6	59.1	58.5	57.9	57.3	56.7	56.1	55.4	54.9
36.25°	61.7	61.2	60.6	60.1	59.5	58.9	58.2	57.6	56.9	56.2	55.5
35°	62.7	62.2	61.6	61.0	60.4	59.8	59.1	58.5	57.8	57.1	56.4



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	63.7	63.2	62.6	62.0	61.3	60.7	60.0	59.3	58.6	57.9	57.1
32.5°	64.7	64.1	63.5	62.9	62.3	61.6	60.9	60.2	59.4	58.7	57.9
31.25°	66.7	65.4	64.5	63.8	63.2	62.5	61.7	61.0	60.3	59.5	58.7
30°	68.7	67.4	66.1	64.7	64.0	63.3	62.6	61.8	61.0	60.3	59.4
28.75°	72.3	69.3	67.9	66.5	65.0	64.2	63.4	62.6	61.8	61.0	60.2
27.5°	77.7	73.8	69.9	68.3	66.8	65.2	64.2	63.4	62.6	61.7	60.9
26.25°	82.9	79.0	74.9	70.7	68.5	66.9	65.2	64.2	63.3	62.5	61.6
25°	89.0	84.2	79.8	75.4	70.9	68.5	66.8	65.0	64.0	63.2	62.3
23.75°	95.0	90.0	84.8	80.1	75.4	70.7	68.3	66.5	64.7	63.8	62.9
22.5°	101.9	95.7	90.3	84.8	79.8	74.9	69.9	67.9	66.1	64.5	63.5
21.25°	113.8	102.4	95.7	90.0	84.2	79.0	73.8	69.3	67.4	65.4	64.1
20°	139.9	113.8	101.9	95.0	89.0	82.9	77.7	72.3	68.7	66.7	64.7
18.75°	199.3	137.9	110.5	100.1	93.6	87.4	81.3	75.8	70.2	67.8	65.8
17.5°	275.0	190.9	132.7	107.7	98.1	91.6	85.1	79.1	73.4	69.0	66.9
16.25°	358.9	257.0	174.2	124.2	104.2	95.7	89.0	82.3	76.5	70.6	67.9
15°	445.7	330.1	227.1	149.4	112.5	99.6	92.6	85.7	79.4	73.3	68.8
13.75°	532.7	407.1	290.4	192.7	129.9	105.5	96.1	89.0	82.0	75.9	69.7
12.5°	614.5	483.7	356.2	242.4	155.5	113.2	99.3	92.0	84.7	78.3	72.0
11.25°	690.6	556.0	419.9	294.5	191.1	127.4	104.0	94.8	87.4	80.5	74.1
10°	749.3	622.2	482.5	347.5	228.9	141.9	108.4	97.4	89.9	82.5	76.0
8.75°	787.8	681.9	539.1	397.2	269.4	169.5	117.0	99.9	92.0	84.4	77.7
7.5°	822.0	733.6	589.0	442.4	305.1	193.8	126.7	103.1	93.9	86.2	79.2
6.25°	851.5	761.3	631.8	483.0	340.2	216.5	134.9	105.9	95.6	87.7	80.4
5°	876.1	784.4	667.4	516.6	369.6	240.4	145.2	108.2	96.9	89.0	81.4
3.75°	895.4	802.6	695.4	543.0	392.7	259.2	158.0	110.5	97.9	90.0	82.3
2.5°	909.4	815.7	715.6	562.0	409.3	272.7	167.2	114.2	98.7	90.7	82.8
1.25°	917.9	823.6	727.7	573.4	419.4	280.9	172.7	116.4	99.1	91.2	83.2
0°	920.7	826.3	731.8	577.3	422.7	283.6	174.6	117.1	99.3	91.3	83.3
-1.25°	917.9	823.6	727.7	573.4	419.4	280.9	172.7	116.4	99.1	91.2	83.2
-2.5°	909.4	815.7	715.6	562.0	409.3	272.7	167.2	114.2	98.7	90.7	82.8
-3.75°	895.4	802.6	695.4	543.0	392.7	259.2	158.0	110.5	97.9	90.0	82.3
-5°	876.1	784.4	667.4	516.6	369.6	240.4	145.2	108.2	96.9	89.0	81.4
-6.25°	851.5	761.3	631.8	483.0	340.2	216.5	134.9	105.9	95.6	87.7	80.4
-7.5°	822.0	733.6	589.0	442.4	305.1	193.8	126.7	103.1	93.9	86.2	79.2
-8.75°	787.8	681.9	539.1	397.2	269.4	169.5	117.0	99.9	92.0	84.4	77.7
-10°	749.3	622.2	482.5	347.5	228.9	141.9	108.4	97.4	89.9	82.5	76.0
-11.25°	690.6	556.0	419.9	294.5	191.1	127.4	104.0	94.8	87.4	80.5	74.1
-12.5°	614.5	483.7	356.2	242.4	155.5	113.2	99.3	92.0	84.7	78.3	72.0
-13.75°	532.7	407.1	290.4	192.7	129.9	105.5	96.1	89.0	82.0	75.9	69.7
-15°	445.7	330.1	227.1	149.4	112.5	99.6	92.6	85.7	79.4	73.3	68.8
-16.25°	358.9	257.0	174.2	124.2	104.2	95.7	89.0	82.3	76.5	70.6	67.9
-17.5°	275.0	190.9	132.7	107.7	98.1	91.6	85.1	79.1	73.4	69.0	66.9
-18.75°	199.3	137.9	110.5	100.1	93.6	87.4	81.3	75.8	70.2	67.8	65.8
-20°	139.9	113.8	101.9	95.0	89.0	82.9	77.7	72.3	68.7	66.7	64.7
-21.25°	113.8	102.4	95.7	90.0	84.2	79.0	73.8	69.3	67.4	65.4	64.1



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	101.9	95.7	90.3	84.8	79.8	74.9	69.9	67.9	66.1	64.5	63.5
-23.75°	95.0	90.0	84.8	80.1	75.4	70.7	68.3	66.5	64.7	63.8	62.9
-25°	89.0	84.2	79.8	75.4	70.9	68.5	66.8	65.0	64.0	63.2	62.3
-26.25°	82.9	79.0	74.9	70.7	68.5	66.9	65.2	64.2	63.3	62.5	61.6
-27.5°	77.7	73.8	69.9	68.3	66.8	65.2	64.2	63.4	62.6	61.7	60.9
-28.75°	72.3	69.3	67.9	66.5	65.0	64.2	63.4	62.6	61.8	61.0	60.2
-30°	68.7	67.4	66.1	64.7	64.0	63.3	62.6	61.8	61.0	60.3	59.4
-31.25°	66.7	65.4	64.5	63.8	63.2	62.5	61.7	61.0	60.3	59.5	58.7
-32.5°	64.7	64.1	63.5	62.9	62.3	61.6	60.9	60.2	59.4	58.7	57.9
-33.75°	63.7	63.2	62.6	62.0	61.3	60.7	60.0	59.3	58.6	57.9	57.1
-35°	62.7	62.2	61.6	61.0	60.4	59.8	59.1	58.5	57.8	57.1	56.4
-36.25°	61.7	61.2	60.6	60.1	59.5	58.9	58.2	57.6	56.9	56.2	55.5
-37.5°	60.7	60.2	59.6	59.1	58.5	57.9	57.3	56.7	56.1	55.4	54.9
-38.75°	59.6	59.2	58.7	58.1	57.6	57.0	56.4	55.8	55.2	54.8	54.3
-40°	58.6	58.1	57.6	57.1	56.6	56.1	55.5	55.0	54.6	54.2	53.8
-41.25°	57.6	57.1	56.6	56.1	55.6	55.1	54.8	54.4	54.0	53.6	53.6
-42.5°	56.5	56.1	55.6	55.2	54.8	54.5	54.1	53.8	53.6	53.6	53.6
-43.75°	55.4	55.1	54.8	54.5	54.2	53.8	53.6	53.6	53.6	53.6	53.6
-45°	54.7	54.4	54.1	53.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-46.25°	53.9	53.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
-47.5°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.4
-48.75°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.5	53.2	52.8
-50°	53.6	53.6	53.6	53.6	53.6	53.6	53.4	53.2	52.8	52.5	52.2
-51.25°	53.6	53.6	53.6	53.6	53.3	53.1	52.8	52.5	52.2	51.7	50.8
-52.5°	53.5	53.3	53.1	52.9	52.6	52.4	52.1	51.5	50.7	49.8	48.9
-53.75°	52.8	52.6	52.4	52.2	51.8	51.1	50.3	49.6	48.7	47.9	47.1
-55°	52.1	51.6	51.0	50.4	49.7	49.0	48.3	47.6	46.9	46.2	45.5
-56.25°	50.0	49.5	48.9	48.3	47.6	47.0	46.4	45.8	45.2	44.6	43.9
-57.5°	47.8	47.3	46.8	46.3	45.8	45.3	44.7	44.2	43.6	42.8	41.8
-58.75°	45.9	45.5	45.0	44.6	44.1	43.6	42.9	42.1	41.1	40.2	39.2
-60°	44.0	43.6	43.2	42.5	41.8	41.0	40.2	39.4	38.5	37.6	36.7
-61.25°	41.6	41.0	40.3	39.7	39.0	38.2	37.5	36.7	35.8	35.0	34.1
-62.5°	38.6	38.1	37.4	36.8	36.1	35.4	34.7	33.9	33.1	32.3	31.5
-63.75°	35.7	35.1	34.5	33.9	33.3	32.6	31.9	31.2	30.5	29.8	29.1
-65°	32.7	32.2	31.6	31.1	30.5	29.9	29.3	28.7	28.1	27.4	26.8
-66.25°	29.8	29.4	28.9	28.5	28.0	27.4	26.9	26.3	25.7	25.1	24.5
-67.5°	27.2	26.8	26.4	25.9	25.5	25.0	24.5	24.0	23.6	23.1	22.6
-68.75°	24.6	24.3	24.0	23.6	23.2	22.8	22.4	22.0	21.5	21.1	20.6
-70°	22.4	22.1	21.8	21.4	21.1	20.7	20.3	19.9	19.7	19.4	19.1
-71.25°	20.2	19.9	19.7	19.5	19.3	19.0	18.8	18.6	18.3	18.0	17.7
-72.5°	18.6	18.4	18.2	18.0	17.8	17.6	17.4	17.2	16.9	16.7	16.6
-73.75°	17.1	17.0	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1	15.9
-75°	16.2	16.1	16.1	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.3
-76.25°	15.5	15.4	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.5	14.3
-77.5°	14.5	14.4	14.3	14.2	14.1	13.9	13.8	13.7	13.6	13.4	13.3



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	13.3	13.3	13.2	13.1	13.0	12.9	12.8	12.6	12.5	12.3	12.1
-80°	12.0	11.9	11.8	11.7	11.6	11.5	11.3	11.2	11.1	10.9	10.8
-81.25°	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4
-82.5°	9.0	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1
-83.75°	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7
-85°	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.1
-86.25°	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.5
-87.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
87.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
86.25°	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
85°	5.0	5.0	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	3.9
83.75°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.6	5.5	5.3
82.5°	8.0	7.9	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.6
81.25°	9.3	9.2	9.0	8.9	8.7	8.6	8.4	8.2	8.1	7.9	7.7
80°	10.6	10.5	10.3	10.1	10.0	9.8	9.6	9.4	9.2	9.0	8.8
78.75°	11.9	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.1	9.9
77.5°	13.2	13.0	12.9	12.7	12.4	12.2	12.0	11.8	11.5	11.3	11.0
76.25°	14.1	14.0	13.8	13.6	13.5	13.3	13.1	12.9	12.7	12.4	12.1
75°	15.1	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.5	13.3	13.1
73.75°	15.8	15.7	15.5	15.4	15.3	15.1	14.9	14.6	14.4	14.2	13.9
72.5°	16.5	16.3	16.2	16.0	15.9	15.7	15.6	15.4	15.2	15.0	14.7
71.25°	17.4	17.1	16.8	16.7	16.5	16.3	16.2	16.0	15.8	15.6	15.4
70°	18.7	18.4	18.1	17.8	17.4	17.0	16.7	16.5	16.4	16.2	16.0
68.75°	20.1	19.7	19.4	19.0	18.6	18.2	17.8	17.4	17.0	16.7	16.5
67.5°	22.0	21.5	20.9	20.3	19.8	19.4	19.0	18.6	18.1	17.7	17.2
66.25°	24.0	23.4	22.8	22.2	21.5	20.9	20.2	19.7	19.2	18.8	18.3
65°	26.1	25.4	24.7	24.0	23.3	22.7	22.0	21.3	20.5	19.9	19.4
63.75°	28.3	27.6	26.8	26.0	25.2	24.4	23.7	22.9	22.2	21.4	20.6
62.5°	30.6	29.8	29.0	28.1	27.3	26.4	25.5	24.6	23.8	23.0	22.2
61.25°	33.1	32.2	31.2	30.2	29.4	28.4	27.5	26.5	25.5	24.6	23.7
60°	35.7	34.7	33.7	32.6	31.6	30.5	29.5	28.5	27.4	26.4	25.3
58.75°	38.2	37.2	36.1	35.0	33.9	32.7	31.6	30.4	29.3	28.2	27.1
57.5°	40.7	39.6	38.5	37.4	36.2	35.0	33.8	32.5	31.3	30.0	28.9
56.25°	43.2	42.1	40.9	39.8	38.5	37.3	36.0	34.7	33.4	32.0	30.6
55°	44.8	44.0	43.3	42.1	40.8	39.5	38.2	36.8	35.5	34.1	32.6
53.75°	46.3	45.6	44.8	44.0	43.1	41.8	40.4	39.0	37.5	36.1	34.6
52.5°	48.0	47.1	46.2	45.4	44.6	43.7	42.5	41.1	39.6	38.1	36.5
51.25°	49.8	48.8	47.8	46.8	46.0	45.0	44.1	43.2	41.6	40.1	38.5
50°	51.6	50.6	49.5	48.5	47.4	46.4	45.4	44.5	43.5	42.0	40.4
48.75°	52.5	52.1	51.3	50.2	49.0	47.8	46.7	45.7	44.7	43.7	42.2
47.5°	53.1	52.7	52.3	51.8	50.6	49.4	48.2	47.0	45.9	44.9	43.8
46.25°	53.6	53.3	52.9	52.5	52.1	51.0	49.7	48.5	47.1	46.0	44.9
45°	53.6	53.6	53.5	53.0	52.6	52.2	51.3	49.9	48.6	47.2	46.0
43.75°	53.6	53.6	53.6	53.6	53.1	52.7	52.3	51.4	50.0	48.6	47.1
42.5°	53.6	53.6	53.6	53.6	53.6	53.2	52.7	52.3	51.4	49.9	48.5
41.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.2	52.7	52.3	51.3	49.7
40°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.2	52.7	52.2	51.0
38.75°	53.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.1	52.6	52.1
37.5°	54.4	53.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.0	52.5
36.25°	54.9	54.5	54.0	53.6	53.6	53.6	53.6	53.6	53.6	53.5	52.9
35°	55.6	55.0	54.5	53.9	53.6	53.6	53.6	53.6	53.6	53.6	53.3



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	56.4	55.6	54.9	54.4	53.9	53.6	53.6	53.6	53.6	53.6	53.6
32.5°	57.1	56.4	55.5	54.9	54.3	53.8	53.6	53.6	53.6	53.6	53.6
31.25°	57.9	57.1	56.2	55.4	54.8	54.2	53.6	53.6	53.6	53.6	53.6
30°	58.6	57.8	56.9	56.1	55.2	54.6	54.0	53.6	53.6	53.6	53.6
28.75°	59.3	58.5	57.6	56.7	55.8	55.0	54.4	53.8	53.6	53.6	53.6
27.5°	60.0	59.1	58.2	57.3	56.4	55.5	54.8	54.1	53.6	53.6	53.6
26.25°	60.7	59.8	58.9	57.9	57.0	56.1	55.1	54.5	53.8	53.6	53.6
25°	61.3	60.4	59.5	58.5	57.6	56.6	55.6	54.8	54.2	53.6	53.6
23.75°	62.0	61.0	60.1	59.1	58.1	57.1	56.1	55.2	54.5	53.8	53.6
22.5°	62.6	61.6	60.6	59.6	58.7	57.6	56.6	55.6	54.8	54.1	53.6
21.25°	63.2	62.2	61.2	60.2	59.2	58.1	57.1	56.1	55.1	54.4	53.7
20°	63.7	62.7	61.7	60.7	59.6	58.6	57.6	56.5	55.4	54.7	53.9
18.75°	64.3	63.2	62.2	61.2	60.1	59.0	58.0	56.9	55.8	54.9	54.2
17.5°	64.8	63.7	62.7	61.6	60.5	59.5	58.4	57.3	56.2	55.1	54.4
16.25°	65.7	64.2	63.1	62.0	60.9	59.9	58.8	57.7	56.6	55.4	54.6
15°	66.6	64.6	63.5	62.4	61.3	60.2	59.1	58.0	56.9	55.8	54.8
13.75°	67.5	65.2	63.9	62.8	61.7	60.6	59.4	58.3	57.2	56.0	55.0
12.5°	68.3	66.0	64.3	63.1	62.0	60.9	59.7	58.6	57.5	56.3	55.2
11.25°	69.0	66.7	64.6	63.4	62.3	61.2	60.0	58.9	57.7	56.6	55.4
10°	69.6	67.3	65.0	63.7	62.6	61.4	60.3	59.1	57.9	56.8	55.6
8.75°	71.1	67.9	65.5	64.0	62.8	61.6	60.5	59.3	58.1	57.0	55.8
7.5°	72.5	68.3	65.9	64.2	63.0	61.8	60.7	59.5	58.3	57.1	56.0
6.25°	73.7	68.8	66.3	64.4	63.2	62.0	60.8	59.6	58.5	57.3	56.1
5°	74.7	69.1	66.7	64.5	63.3	62.2	61.0	59.8	58.6	57.4	56.2
3.75°	75.5	69.4	66.9	64.6	63.5	62.3	61.1	59.9	58.7	57.5	56.3
2.5°	76.1	69.5	67.1	64.7	63.5	62.3	61.1	59.9	58.7	57.5	56.3
1.25°	76.4	69.7	67.2	64.8	63.6	62.4	61.2	60.0	58.8	57.6	56.4
0°	76.5	69.7	67.3	64.8	63.6	62.4	61.2	60.0	58.8	57.6	56.4
-1.25°	76.4	69.7	67.2	64.8	63.6	62.4	61.2	60.0	58.8	57.6	56.4
-2.5°	76.1	69.5	67.1	64.7	63.5	62.3	61.1	59.9	58.7	57.5	56.3
-3.75°	75.5	69.4	66.9	64.6	63.5	62.3	61.1	59.9	58.7	57.5	56.3
-5°	74.7	69.1	66.7	64.5	63.3	62.2	61.0	59.8	58.6	57.4	56.2
-6.25°	73.7	68.8	66.3	64.4	63.2	62.0	60.8	59.6	58.5	57.3	56.1
-7.5°	72.5	68.3	65.9	64.2	63.0	61.8	60.7	59.5	58.3	57.1	56.0
-8.75°	71.1	67.9	65.5	64.0	62.8	61.6	60.5	59.3	58.1	57.0	55.8
-10°	69.6	67.3	65.0	63.7	62.6	61.4	60.3	59.1	57.9	56.8	55.6
-11.25°	69.0	66.7	64.6	63.4	62.3	61.2	60.0	58.9	57.7	56.6	55.4
-12.5°	68.3	66.0	64.3	63.1	62.0	60.9	59.7	58.6	57.5	56.3	55.2
-13.75°	67.5	65.2	63.9	62.8	61.7	60.6	59.4	58.3	57.2	56.0	55.0
-15°	66.6	64.6	63.5	62.4	61.3	60.2	59.1	58.0	56.9	55.8	54.8
-16.25°	65.7	64.2	63.1	62.0	60.9	59.9	58.8	57.7	56.6	55.4	54.6
-17.5°	64.8	63.7	62.7	61.6	60.5	59.5	58.4	57.3	56.2	55.1	54.4
-18.75°	64.3	63.2	62.2	61.2	60.1	59.0	58.0	56.9	55.8	54.9	54.2
-20°	63.7	62.7	61.7	60.7	59.6	58.6	57.6	56.5	55.4	54.7	53.9
-21.25°	63.2	62.2	61.2	60.2	59.2	58.1	57.1	56.1	55.1	54.4	53.7



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	62.6	61.6	60.6	59.6	58.7	57.6	56.6	55.6	54.8	54.1	53.6
-23.75°	62.0	61.0	60.1	59.1	58.1	57.1	56.1	55.2	54.5	53.8	53.6
-25°	61.3	60.4	59.5	58.5	57.6	56.6	55.6	54.8	54.2	53.6	53.6
-26.25°	60.7	59.8	58.9	57.9	57.0	56.1	55.1	54.5	53.8	53.6	53.6
-27.5°	60.0	59.1	58.2	57.3	56.4	55.5	54.8	54.1	53.6	53.6	53.6
-28.75°	59.3	58.5	57.6	56.7	55.8	55.0	54.4	53.8	53.6	53.6	53.6
-30°	58.6	57.8	56.9	56.1	55.2	54.6	54.0	53.6	53.6	53.6	53.6
-31.25°	57.9	57.1	56.2	55.4	54.8	54.2	53.6	53.6	53.6	53.6	53.6
-32.5°	57.1	56.4	55.5	54.9	54.3	53.8	53.6	53.6	53.6	53.6	53.6
-33.75°	56.4	55.6	54.9	54.4	53.9	53.6	53.6	53.6	53.6	53.6	53.6
-35°	55.6	55.0	54.5	53.9	53.6	53.6	53.6	53.6	53.6	53.6	53.3
-36.25°	54.9	54.5	54.0	53.6	53.6	53.6	53.6	53.6	53.6	53.5	52.9
-37.5°	54.4	53.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.0	52.5
-38.75°	53.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.1	52.6	52.1
-40°	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.2	52.7	52.2	51.0
-41.25°	53.6	53.6	53.6	53.6	53.6	53.6	53.2	52.7	52.3	51.3	49.7
-42.5°	53.6	53.6	53.6	53.6	53.6	53.2	52.7	52.3	51.4	49.9	48.5
-43.75°	53.6	53.6	53.6	53.6	53.1	52.7	52.3	51.4	50.0	48.6	47.1
-45°	53.6	53.6	53.5	53.0	52.6	52.2	51.3	49.9	48.6	47.2	46.0
-46.25°	53.6	53.3	52.9	52.5	52.1	51.0	49.7	48.5	47.1	46.0	44.9
-47.5°	53.1	52.7	52.3	51.8	50.6	49.4	48.2	47.0	45.9	44.9	43.8
-48.75°	52.5	52.1	51.3	50.2	49.0	47.8	46.7	45.7	44.7	43.7	42.2
-50°	51.6	50.6	49.5	48.5	47.4	46.4	45.4	44.5	43.5	42.0	40.4
-51.25°	49.8	48.8	47.8	46.8	46.0	45.0	44.1	43.2	41.6	40.1	38.5
-52.5°	48.0	47.1	46.2	45.4	44.6	43.7	42.5	41.1	39.6	38.1	36.5
-53.75°	46.3	45.6	44.8	44.0	43.1	41.8	40.4	39.0	37.5	36.1	34.6
-55°	44.8	44.0	43.3	42.1	40.8	39.5	38.2	36.8	35.5	34.1	32.6
-56.25°	43.2	42.1	40.9	39.8	38.5	37.3	36.0	34.7	33.4	32.0	30.6
-57.5°	40.7	39.6	38.5	37.4	36.2	35.0	33.8	32.5	31.3	30.0	28.9
-58.75°	38.2	37.2	36.1	35.0	33.9	32.7	31.6	30.4	29.3	28.2	27.1
-60°	35.7	34.7	33.7	32.6	31.6	30.5	29.5	28.5	27.4	26.4	25.3
-61.25°	33.1	32.2	31.2	30.2	29.4	28.4	27.5	26.5	25.5	24.6	23.7
-62.5°	30.6	29.8	29.0	28.1	27.3	26.4	25.5	24.6	23.8	23.0	22.2
-63.75°	28.3	27.6	26.8	26.0	25.2	24.4	23.7	22.9	22.2	21.4	20.6
-65°	26.1	25.4	24.7	24.0	23.3	22.7	22.0	21.3	20.5	19.9	19.4
-66.25°	24.0	23.4	22.8	22.2	21.5	20.9	20.2	19.7	19.2	18.8	18.3
-67.5°	22.0	21.5	20.9	20.3	19.8	19.4	19.0	18.6	18.1	17.7	17.2
-68.75°	20.1	19.7	19.4	19.0	18.6	18.2	17.8	17.4	17.0	16.7	16.5
-70°	18.7	18.4	18.1	17.8	17.4	17.0	16.7	16.5	16.4	16.2	16.0
-71.25°	17.4	17.1	16.8	16.7	16.5	16.3	16.2	16.0	15.8	15.6	15.4
-72.5°	16.5	16.3	16.2	16.0	15.9	15.7	15.6	15.4	15.2	15.0	14.7
-73.75°	15.8	15.7	15.5	15.4	15.3	15.1	14.9	14.6	14.4	14.2	13.9
-75°	15.1	15.0	14.8	14.6	14.4	14.2	14.0	13.8	13.5	13.3	13.1
-76.25°	14.1	14.0	13.8	13.6	13.5	13.3	13.1	12.9	12.7	12.4	12.1
-77.5°	13.2	13.0	12.9	12.7	12.4	12.2	12.0	11.8	11.5	11.3	11.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	11.9	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.1	9.9
-80°	10.6	10.5	10.3	10.1	10.0	9.8	9.6	9.4	9.2	9.0	8.8
-81.25°	9.3	9.2	9.0	8.9	8.7	8.6	8.4	8.2	8.1	7.9	7.7
-82.5°	8.0	7.9	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.6
-83.75°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.6	5.5	5.3
-85°	5.0	5.0	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	3.9
-86.25°	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
-87.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
-88.75°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
86.25°	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8
85°	3.8	3.7	3.5	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4
83.75°	5.1	5.0	4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.4
82.5°	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.6	4.4
81.25°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.6	5.4
80°	8.6	8.4	8.2	8.0	7.8	7.5	7.3	7.1	6.9	6.6	6.4
78.75°	9.7	9.5	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.2
77.5°	10.8	10.5	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.3	8.0
76.25°	11.8	11.5	11.2	11.0	10.6	10.3	10.0	9.7	9.4	9.1	8.7
75°	12.9	12.6	12.3	11.9	11.6	11.3	10.9	10.6	10.2	9.9	9.5
73.75°	13.7	13.4	13.1	12.9	12.6	12.2	11.8	11.4	11.1	10.7	10.3
72.5°	14.5	14.2	13.9	13.6	13.3	13.0	12.7	12.3	11.9	11.5	11.1
71.25°	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.3	11.8
70°	15.8	15.5	15.3	15.1	14.7	14.4	14.1	13.7	13.4	13.0	12.6
68.75°	16.3	16.0	15.8	15.6	15.4	15.1	14.7	14.4	14.0	13.6	13.2
67.5°	16.8	16.6	16.3	16.1	15.8	15.6	15.3	15.0	14.6	14.2	13.8
66.25°	17.8	17.3	16.8	16.5	16.3	16.0	15.7	15.5	15.2	14.8	14.4
65°	18.8	18.3	17.8	17.2	16.7	16.5	16.2	15.9	15.6	15.3	14.9
63.75°	19.9	19.3	18.7	18.2	17.6	17.0	16.6	16.3	16.0	15.7	15.4
62.5°	21.3	20.4	19.7	19.1	18.5	17.9	17.3	16.7	16.4	16.1	15.7
61.25°	22.8	21.9	21.0	20.0	19.4	18.8	18.1	17.4	16.8	16.4	16.1
60°	24.3	23.4	22.4	21.4	20.4	19.6	18.9	18.2	17.5	16.8	16.5
58.75°	26.0	24.8	23.8	22.8	21.7	20.7	19.8	19.0	18.3	17.6	16.8
57.5°	27.7	26.5	25.3	24.1	23.1	22.0	20.9	19.8	19.1	18.3	17.5
56.25°	29.4	28.1	26.9	25.6	24.4	23.2	22.1	20.9	19.8	19.0	18.2
55°	31.2	29.8	28.5	27.1	25.8	24.5	23.3	22.1	20.9	19.8	18.9
53.75°	33.1	31.5	30.0	28.7	27.3	25.8	24.5	23.2	22.0	20.7	19.6
52.5°	35.0	33.4	31.8	30.2	28.7	27.3	25.8	24.4	23.1	21.7	20.4
51.25°	36.8	35.2	33.5	31.8	30.2	28.7	27.1	25.6	24.1	22.8	21.4
50°	38.7	37.0	35.3	33.5	31.8	30.0	28.5	26.9	25.3	23.8	22.4
48.75°	40.5	38.8	37.0	35.2	33.4	31.5	29.8	28.1	26.5	24.8	23.4
47.5°	42.3	40.5	38.7	36.8	35.0	33.1	31.2	29.4	27.7	26.0	24.3
46.25°	43.8	42.2	40.4	38.5	36.5	34.6	32.6	30.6	28.9	27.1	25.3
45°	44.9	43.7	42.0	40.1	38.1	36.1	34.1	32.0	30.0	28.2	26.4
43.75°	45.9	44.7	43.5	41.6	39.6	37.5	35.5	33.4	31.3	29.3	27.4
42.5°	47.0	45.7	44.5	43.2	41.1	39.0	36.8	34.7	32.5	30.4	28.5
41.25°	48.2	46.7	45.4	44.1	42.5	40.4	38.2	36.0	33.8	31.6	29.5
40°	49.4	47.8	46.4	45.0	43.7	41.8	39.5	37.3	35.0	32.7	30.5
38.75°	50.6	49.0	47.4	46.0	44.6	43.1	40.8	38.5	36.2	33.9	31.6
37.5°	51.8	50.2	48.5	46.8	45.4	44.0	42.1	39.8	37.4	35.0	32.6
36.25°	52.3	51.3	49.5	47.8	46.2	44.8	43.3	40.9	38.5	36.1	33.7
35°	52.7	52.1	50.6	48.8	47.1	45.6	44.0	42.1	39.6	37.2	34.7



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	53.1	52.5	51.6	49.8	48.0	46.3	44.8	43.2	40.7	38.2	35.7
32.5°	53.4	52.8	52.2	50.8	48.9	47.1	45.5	43.9	41.8	39.2	36.7
31.25°	53.6	53.2	52.5	51.7	49.8	47.9	46.2	44.6	42.8	40.2	37.6
30°	53.6	53.5	52.8	52.2	50.7	48.7	46.9	45.2	43.6	41.1	38.5
28.75°	53.6	53.6	53.2	52.5	51.5	49.6	47.6	45.8	44.2	42.1	39.4
27.5°	53.6	53.6	53.4	52.8	52.1	50.3	48.3	46.4	44.7	42.9	40.2
26.25°	53.6	53.6	53.6	53.1	52.4	51.1	49.0	47.0	45.3	43.6	41.0
25°	53.6	53.6	53.6	53.3	52.6	51.8	49.7	47.6	45.8	44.1	41.8
23.75°	53.6	53.6	53.6	53.6	52.9	52.2	50.4	48.3	46.3	44.6	42.5
22.5°	53.6	53.6	53.6	53.6	53.1	52.4	51.0	48.9	46.8	45.0	43.2
21.25°	53.6	53.6	53.6	53.6	53.3	52.6	51.6	49.5	47.3	45.5	43.6
20°	53.6	53.6	53.6	53.6	53.5	52.8	52.1	50.0	47.8	45.9	44.0
18.75°	53.6	53.6	53.6	53.6	53.6	53.0	52.3	50.5	48.3	46.3	44.4
17.5°	53.7	53.6	53.6	53.6	53.6	53.2	52.4	51.0	48.8	46.6	44.8
16.25°	53.9	53.6	53.6	53.6	53.6	53.3	52.6	51.5	49.2	47.0	45.1
15°	54.1	53.6	53.6	53.6	53.6	53.5	52.7	51.9	49.6	47.3	45.4
13.75°	54.2	53.6	53.6	53.6	53.6	53.6	52.9	52.1	50.0	47.7	45.7
12.5°	54.4	53.6	53.6	53.6	53.6	53.6	53.0	52.2	50.3	48.0	46.0
11.25°	54.6	53.8	53.6	53.6	53.6	53.6	53.1	52.3	50.7	48.3	46.2
10°	54.7	53.9	53.6	53.6	53.6	53.6	53.2	52.4	50.9	48.6	46.4
8.75°	54.8	54.0	53.6	53.6	53.6	53.6	53.3	52.5	51.2	48.8	46.6
7.5°	54.9	54.1	53.6	53.6	53.6	53.6	53.4	52.6	51.4	49.0	46.7
6.25°	55.0	54.2	53.6	53.6	53.6	53.6	53.4	52.7	51.6	49.2	46.9
5°	55.1	54.3	53.6	53.6	53.6	53.6	53.5	52.7	51.7	49.3	47.0
3.75°	55.1	54.3	53.6	53.6	53.6	53.6	53.5	52.7	51.9	49.5	47.1
2.5°	55.2	54.4	53.6	53.6	53.6	53.6	53.6	52.8	51.9	49.5	47.1
1.25°	55.2	54.4	53.6	53.6	53.6	53.6	53.6	52.8	52.0	49.6	47.2
0°	55.2	54.4	53.6	53.6	53.6	53.6	53.6	52.8	52.0	49.6	47.2
-1.25°	55.2	54.4	53.6	53.6	53.6	53.6	53.6	52.8	52.0	49.6	47.2
-2.5°	55.2	54.4	53.6	53.6	53.6	53.6	53.6	52.8	51.9	49.5	47.1
-3.75°	55.1	54.3	53.6	53.6	53.6	53.6	53.5	52.7	51.9	49.5	47.1
-5°	55.1	54.3	53.6	53.6	53.6	53.6	53.5	52.7	51.7	49.3	47.0
-6.25°	55.0	54.2	53.6	53.6	53.6	53.6	53.4	52.7	51.6	49.2	46.9
-7.5°	54.9	54.1	53.6	53.6	53.6	53.6	53.4	52.6	51.4	49.0	46.7
-8.75°	54.8	54.0	53.6	53.6	53.6	53.6	53.3	52.5	51.2	48.8	46.6
-10°	54.7	53.9	53.6	53.6	53.6	53.6	53.2	52.4	50.9	48.6	46.4
-11.25°	54.6	53.8	53.6	53.6	53.6	53.6	53.1	52.3	50.7	48.3	46.2
-12.5°	54.4	53.6	53.6	53.6	53.6	53.6	53.0	52.2	50.3	48.0	46.0
-13.75°	54.2	53.6	53.6	53.6	53.6	53.6	52.9	52.1	50.0	47.7	45.7
-15°	54.1	53.6	53.6	53.6	53.6	53.5	52.7	51.9	49.6	47.3	45.4
-16.25°	53.9	53.6	53.6	53.6	53.6	53.3	52.6	51.5	49.2	47.0	45.1
-17.5°	53.7	53.6	53.6	53.6	53.6	53.2	52.4	51.0	48.8	46.6	44.8
-18.75°	53.6	53.6	53.6	53.6	53.6	53.0	52.3	50.5	48.3	46.3	44.4
-20°	53.6	53.6	53.6	53.6	53.5	52.8	52.1	50.0	47.8	45.9	44.0
-21.25°	53.6	53.6	53.6	53.6	53.3	52.6	51.6	49.5	47.3	45.5	43.6



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	53.6	53.6	53.6	53.6	53.1	52.4	51.0	48.9	46.8	45.0	43.2
-23.75°	53.6	53.6	53.6	53.6	52.9	52.2	50.4	48.3	46.3	44.6	42.5
-25°	53.6	53.6	53.6	53.3	52.6	51.8	49.7	47.6	45.8	44.1	41.8
-26.25°	53.6	53.6	53.6	53.1	52.4	51.1	49.0	47.0	45.3	43.6	41.0
-27.5°	53.6	53.6	53.4	52.8	52.1	50.3	48.3	46.4	44.7	42.9	40.2
-28.75°	53.6	53.6	53.2	52.5	51.5	49.6	47.6	45.8	44.2	42.1	39.4
-30°	53.6	53.5	52.8	52.2	50.7	48.7	46.9	45.2	43.6	41.1	38.5
-31.25°	53.6	53.2	52.5	51.7	49.8	47.9	46.2	44.6	42.8	40.2	37.6
-32.5°	53.4	52.8	52.2	50.8	48.9	47.1	45.5	43.9	41.8	39.2	36.7
-33.75°	53.1	52.5	51.6	49.8	48.0	46.3	44.8	43.2	40.7	38.2	35.7
-35°	52.7	52.1	50.6	48.8	47.1	45.6	44.0	42.1	39.6	37.2	34.7
-36.25°	52.3	51.3	49.5	47.8	46.2	44.8	43.3	40.9	38.5	36.1	33.7
-37.5°	51.8	50.2	48.5	46.8	45.4	44.0	42.1	39.8	37.4	35.0	32.6
-38.75°	50.6	49.0	47.4	46.0	44.6	43.1	40.8	38.5	36.2	33.9	31.6
-40°	49.4	47.8	46.4	45.0	43.7	41.8	39.5	37.3	35.0	32.7	30.5
-41.25°	48.2	46.7	45.4	44.1	42.5	40.4	38.2	36.0	33.8	31.6	29.5
-42.5°	47.0	45.7	44.5	43.2	41.1	39.0	36.8	34.7	32.5	30.4	28.5
-43.75°	45.9	44.7	43.5	41.6	39.6	37.5	35.5	33.4	31.3	29.3	27.4
-45°	44.9	43.7	42.0	40.1	38.1	36.1	34.1	32.0	30.0	28.2	26.4
-46.25°	43.8	42.2	40.4	38.5	36.5	34.6	32.6	30.6	28.9	27.1	25.3
-47.5°	42.3	40.5	38.7	36.8	35.0	33.1	31.2	29.4	27.7	26.0	24.3
-48.75°	40.5	38.8	37.0	35.2	33.4	31.5	29.8	28.1	26.5	24.8	23.4
-50°	38.7	37.0	35.3	33.5	31.8	30.0	28.5	26.9	25.3	23.8	22.4
-51.25°	36.8	35.2	33.5	31.8	30.2	28.7	27.1	25.6	24.1	22.8	21.4
-52.5°	35.0	33.4	31.8	30.2	28.7	27.3	25.8	24.4	23.1	21.7	20.4
-53.75°	33.1	31.5	30.0	28.7	27.3	25.8	24.5	23.2	22.0	20.7	19.6
-55°	31.2	29.8	28.5	27.1	25.8	24.5	23.3	22.1	20.9	19.8	18.9
-56.25°	29.4	28.1	26.9	25.6	24.4	23.2	22.1	20.9	19.8	19.0	18.2
-57.5°	27.7	26.5	25.3	24.1	23.1	22.0	20.9	19.8	19.1	18.3	17.5
-58.75°	26.0	24.8	23.8	22.8	21.7	20.7	19.8	19.0	18.3	17.6	16.8
-60°	24.3	23.4	22.4	21.4	20.4	19.6	18.9	18.2	17.5	16.8	16.5
-61.25°	22.8	21.9	21.0	20.0	19.4	18.8	18.1	17.4	16.8	16.4	16.1
-62.5°	21.3	20.4	19.7	19.1	18.5	17.9	17.3	16.7	16.4	16.1	15.7
-63.75°	19.9	19.3	18.7	18.2	17.6	17.0	16.6	16.3	16.0	15.7	15.4
-65°	18.8	18.3	17.8	17.2	16.7	16.5	16.2	15.9	15.6	15.3	14.9
-66.25°	17.8	17.3	16.8	16.5	16.3	16.0	15.7	15.5	15.2	14.8	14.4
-67.5°	16.8	16.6	16.3	16.1	15.8	15.6	15.3	15.0	14.6	14.2	13.8
-68.75°	16.3	16.0	15.8	15.6	15.4	15.1	14.7	14.4	14.0	13.6	13.2
-70°	15.8	15.5	15.3	15.1	14.7	14.4	14.1	13.7	13.4	13.0	12.6
-71.25°	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.7	12.3	11.8
-72.5°	14.5	14.2	13.9	13.6	13.3	13.0	12.7	12.3	11.9	11.5	11.1
-73.75°	13.7	13.4	13.1	12.9	12.6	12.2	11.8	11.4	11.1	10.7	10.3
-75°	12.9	12.6	12.3	11.9	11.6	11.3	10.9	10.6	10.2	9.9	9.5
-76.25°	11.8	11.5	11.2	11.0	10.6	10.3	10.0	9.7	9.4	9.1	8.7
-77.5°	10.8	10.5	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.3	8.0



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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	9.7	9.5	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.2
-80°	8.6	8.4	8.2	8.0	7.8	7.5	7.3	7.1	6.9	6.6	6.4
-81.25°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.6	5.4
-82.5°	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.8	4.6	4.4
-83.75°	5.1	5.0	4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.4
-85°	3.8	3.7	3.5	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4
-86.25°	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-88.75°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
87.5°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
86.25°	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
85°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
83.75°	3.2	3.0	2.8	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
82.5°	4.2	3.9	3.7	3.5	3.2	3.0	2.7	2.5	2.3	2.2	2.0
81.25°	5.1	4.8	4.6	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.3
80°	6.1	5.8	5.4	5.1	4.8	4.5	4.2	3.8	3.5	3.2	2.9
78.75°	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.2	3.8	3.4
77.5°	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0
76.25°	8.4	8.1	7.7	7.4	7.0	6.7	6.3	5.9	5.4	5.0	4.5
75°	9.2	8.8	8.4	8.0	7.7	7.3	6.9	6.5	6.0	5.5	5.0
73.75°	9.9	9.5	9.1	8.7	8.3	7.9	7.5	7.0	6.6	6.1	5.6
72.5°	10.6	10.2	9.8	9.3	8.9	8.5	8.0	7.6	7.1	6.6	6.1
71.25°	11.4	10.9	10.5	10.0	9.5	9.0	8.6	8.1	7.6	7.1	6.6
70°	12.1	11.6	11.1	10.6	10.1	9.6	9.1	8.6	8.1	7.6	7.0
68.75°	12.8	12.3	11.8	11.3	10.7	10.2	9.7	9.1	8.6	8.0	7.5
67.5°	13.4	13.0	12.5	11.9	11.3	10.8	10.2	9.6	9.0	8.5	7.9
66.25°	13.9	13.5	13.1	12.5	11.9	11.3	10.7	10.1	9.5	8.9	8.3
65°	14.5	14.0	13.5	13.1	12.5	11.9	11.3	10.6	10.0	9.3	8.7
63.75°	15.0	14.5	14.0	13.5	13.1	12.5	11.8	11.1	10.5	9.8	9.1
62.5°	15.4	15.0	14.5	14.0	13.5	13.0	12.3	11.6	10.9	10.2	9.5
61.25°	15.8	15.4	15.0	14.5	13.9	13.4	12.8	12.1	11.4	10.6	9.9
60°	16.1	15.7	15.4	14.9	14.4	13.8	13.2	12.6	11.8	11.1	10.3
58.75°	16.4	16.1	15.7	15.3	14.8	14.2	13.6	13.0	12.3	11.5	10.7
57.5°	16.8	16.4	16.0	15.6	15.2	14.6	14.0	13.4	12.7	11.9	11.1
56.25°	17.4	16.7	16.3	15.9	15.5	15.0	14.4	13.7	13.1	12.3	11.4
55°	18.1	17.3	16.6	16.2	15.7	15.3	14.7	14.1	13.4	12.7	11.8
53.75°	18.8	17.9	17.0	16.5	16.0	15.6	15.1	14.4	13.7	13.0	12.2
52.5°	19.4	18.5	17.6	16.7	16.3	15.8	15.4	14.7	14.0	13.3	12.6
51.25°	20.0	19.1	18.2	17.2	16.5	16.1	15.6	15.1	14.3	13.6	12.9
50°	21.0	19.7	18.7	17.8	16.8	16.3	15.8	15.3	14.6	13.9	13.1
48.75°	21.9	20.4	19.3	18.3	17.3	16.6	16.0	15.5	14.9	14.2	13.4
47.5°	22.8	21.3	19.9	18.8	17.8	16.8	16.3	15.8	15.2	14.5	13.7
46.25°	23.7	22.2	20.6	19.4	18.3	17.2	16.5	16.0	15.4	14.7	13.9
45°	24.6	23.0	21.4	19.9	18.8	17.7	16.7	16.2	15.6	15.0	14.2
43.75°	25.5	23.8	22.2	20.5	19.2	18.1	17.0	16.4	15.8	15.2	14.4
42.5°	26.5	24.6	22.9	21.3	19.7	18.6	17.4	16.5	16.0	15.4	14.6
41.25°	27.5	25.5	23.7	22.0	20.2	19.0	17.8	16.7	16.2	15.6	14.9
40°	28.4	26.4	24.4	22.7	20.9	19.4	18.2	17.0	16.3	15.7	15.1
38.75°	29.4	27.3	25.2	23.3	21.5	19.8	18.6	17.4	16.5	15.9	15.3
37.5°	30.2	28.1	26.0	24.0	22.2	20.3	19.0	17.8	16.7	16.0	15.4
36.25°	31.2	29.0	26.8	24.7	22.8	20.9	19.4	18.1	16.8	16.2	15.5
35°	32.2	29.8	27.6	25.4	23.4	21.5	19.7	18.4	17.1	16.3	15.7

REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	33.1	30.6	28.3	26.1	24.0	22.0	20.1	18.7	17.4	16.5	15.8
32.5°	34.1	31.5	29.1	26.8	24.5	22.6	20.6	19.1	17.7	16.6	15.9
31.25°	35.0	32.3	29.8	27.4	25.1	23.1	21.1	19.4	18.0	16.7	16.1
30°	35.8	33.1	30.5	28.1	25.7	23.6	21.5	19.7	18.3	16.9	16.2
28.75°	36.7	33.9	31.2	28.7	26.3	24.0	22.0	19.9	18.6	17.2	16.3
27.5°	37.5	34.7	31.9	29.3	26.9	24.5	22.4	20.3	18.8	17.4	16.4
26.25°	38.2	35.4	32.6	29.9	27.4	25.0	22.8	20.7	19.0	17.6	16.5
25°	39.0	36.1	33.3	30.5	28.0	25.5	23.2	21.1	19.3	17.8	16.6
23.75°	39.7	36.8	33.9	31.1	28.5	25.9	23.6	21.4	19.5	18.0	16.7
22.5°	40.3	37.4	34.5	31.6	28.9	26.4	24.0	21.8	19.7	18.2	16.8
21.25°	41.0	38.1	35.1	32.2	29.4	26.8	24.3	22.1	19.9	18.4	17.0
20°	41.6	38.6	35.7	32.7	29.8	27.2	24.6	22.4	20.2	18.6	17.1
18.75°	42.2	39.2	36.2	33.2	30.2	27.6	25.0	22.7	20.4	18.8	17.3
17.5°	42.7	39.7	36.7	33.6	30.6	27.9	25.3	23.0	20.7	18.9	17.4
16.25°	43.2	40.2	37.1	34.1	31.0	28.3	25.6	23.2	20.9	19.1	17.5
15°	43.5	40.6	37.5	34.5	31.4	28.6	25.9	23.4	21.1	19.2	17.7
13.75°	43.8	41.0	37.9	34.8	31.8	28.9	26.2	23.7	21.3	19.3	17.8
12.5°	44.0	41.4	38.3	35.2	32.1	29.1	26.4	23.9	21.5	19.5	17.9
11.25°	44.2	41.7	38.6	35.5	32.4	29.4	26.6	24.0	21.7	19.6	18.0
10°	44.4	42.0	38.9	35.8	32.6	29.6	26.8	24.2	21.8	19.6	18.1
8.75°	44.6	42.3	39.2	36.0	32.8	29.8	27.0	24.3	22.0	19.7	18.2
7.5°	44.8	42.5	39.4	36.2	33.0	29.9	27.2	24.5	22.1	19.8	18.2
6.25°	44.9	42.7	39.6	36.4	33.2	30.1	27.3	24.6	22.2	19.9	18.3
5°	45.0	42.9	39.7	36.5	33.4	30.2	27.4	24.6	22.3	19.9	18.3
3.75°	45.1	43.0	39.8	36.7	33.5	30.3	27.5	24.7	22.3	20.0	18.4
2.5°	45.2	43.1	39.9	36.7	33.5	30.3	27.6	24.8	22.4	20.0	18.4
1.25°	45.2	43.2	40.0	36.8	33.6	30.4	27.6	24.8	22.4	20.0	18.4
0°	45.2	43.2	40.0	36.8	33.6	30.4	27.6	24.8	22.4	20.0	18.4
-1.25°	45.2	43.2	40.0	36.8	33.6	30.4	27.6	24.8	22.4	20.0	18.4
-2.5°	45.2	43.1	39.9	36.7	33.5	30.3	27.6	24.8	22.4	20.0	18.4
-3.75°	45.1	43.0	39.8	36.7	33.5	30.3	27.5	24.7	22.3	20.0	18.4
-5°	45.0	42.9	39.7	36.5	33.4	30.2	27.4	24.6	22.3	19.9	18.3
-6.25°	44.9	42.7	39.6	36.4	33.2	30.1	27.3	24.6	22.2	19.9	18.3
-7.5°	44.8	42.5	39.4	36.2	33.0	29.9	27.2	24.5	22.1	19.8	18.2
-8.75°	44.6	42.3	39.2	36.0	32.8	29.8	27.0	24.3	22.0	19.7	18.2
-10°	44.4	42.0	38.9	35.8	32.6	29.6	26.8	24.2	21.8	19.6	18.1
-11.25°	44.2	41.7	38.6	35.5	32.4	29.4	26.6	24.0	21.7	19.6	18.0
-12.5°	44.0	41.4	38.3	35.2	32.1	29.1	26.4	23.9	21.5	19.5	17.9
-13.75°	43.8	41.0	37.9	34.8	31.8	28.9	26.2	23.7	21.3	19.3	17.8
-15°	43.5	40.6	37.5	34.5	31.4	28.6	25.9	23.4	21.1	19.2	17.7
-16.25°	43.2	40.2	37.1	34.1	31.0	28.3	25.6	23.2	20.9	19.1	17.5
-17.5°	42.7	39.7	36.7	33.6	30.6	27.9	25.3	23.0	20.7	18.9	17.4
-18.75°	42.2	39.2	36.2	33.2	30.2	27.6	25.0	22.7	20.4	18.8	17.3
-20°	41.6	38.6	35.7	32.7	29.8	27.2	24.6	22.4	20.2	18.6	17.1
-21.25°	41.0	38.1	35.1	32.2	29.4	26.8	24.3	22.1	19.9	18.4	17.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	40.3	37.4	34.5	31.6	28.9	26.4	24.0	21.8	19.7	18.2	16.8
-23.75°	39.7	36.8	33.9	31.1	28.5	25.9	23.6	21.4	19.5	18.0	16.7
-25°	39.0	36.1	33.3	30.5	28.0	25.5	23.2	21.1	19.3	17.8	16.6
-26.25°	38.2	35.4	32.6	29.9	27.4	25.0	22.8	20.7	19.0	17.6	16.5
-27.5°	37.5	34.7	31.9	29.3	26.9	24.5	22.4	20.3	18.8	17.4	16.4
-28.75°	36.7	33.9	31.2	28.7	26.3	24.0	22.0	19.9	18.6	17.2	16.3
-30°	35.8	33.1	30.5	28.1	25.7	23.6	21.5	19.7	18.3	16.9	16.2
-31.25°	35.0	32.3	29.8	27.4	25.1	23.1	21.1	19.4	18.0	16.7	16.1
-32.5°	34.1	31.5	29.1	26.8	24.5	22.6	20.6	19.1	17.7	16.6	15.9
-33.75°	33.1	30.6	28.3	26.1	24.0	22.0	20.1	18.7	17.4	16.5	15.8
-35°	32.2	29.8	27.6	25.4	23.4	21.5	19.7	18.4	17.1	16.3	15.7
-36.25°	31.2	29.0	26.8	24.7	22.8	20.9	19.4	18.1	16.8	16.2	15.5
-37.5°	30.2	28.1	26.0	24.0	22.2	20.3	19.0	17.8	16.7	16.0	15.4
-38.75°	29.4	27.3	25.2	23.3	21.5	19.8	18.6	17.4	16.5	15.9	15.3
-40°	28.4	26.4	24.4	22.7	20.9	19.4	18.2	17.0	16.3	15.7	15.1
-41.25°	27.5	25.5	23.7	22.0	20.2	19.0	17.8	16.7	16.2	15.6	14.9
-42.5°	26.5	24.6	22.9	21.3	19.7	18.6	17.4	16.5	16.0	15.4	14.6
-43.75°	25.5	23.8	22.2	20.5	19.2	18.1	17.0	16.4	15.8	15.2	14.4
-45°	24.6	23.0	21.4	19.9	18.8	17.7	16.7	16.2	15.6	15.0	14.2
-46.25°	23.7	22.2	20.6	19.4	18.3	17.2	16.5	16.0	15.4	14.7	13.9
-47.5°	22.8	21.3	19.9	18.8	17.8	16.8	16.3	15.8	15.2	14.5	13.7
-48.75°	21.9	20.4	19.3	18.3	17.3	16.6	16.0	15.5	14.9	14.2	13.4
-50°	21.0	19.7	18.7	17.8	16.8	16.3	15.8	15.3	14.6	13.9	13.1
-51.25°	20.0	19.1	18.2	17.2	16.5	16.1	15.6	15.1	14.3	13.6	12.9
-52.5°	19.4	18.5	17.6	16.7	16.3	15.8	15.4	14.7	14.0	13.3	12.6
-53.75°	18.8	17.9	17.0	16.5	16.0	15.6	15.1	14.4	13.7	13.0	12.2
-55°	18.1	17.3	16.6	16.2	15.7	15.3	14.7	14.1	13.4	12.7	11.8
-56.25°	17.4	16.7	16.3	15.9	15.5	15.0	14.4	13.7	13.1	12.3	11.4
-57.5°	16.8	16.4	16.0	15.6	15.2	14.6	14.0	13.4	12.7	11.9	11.1
-58.75°	16.4	16.1	15.7	15.3	14.8	14.2	13.6	13.0	12.3	11.5	10.7
-60°	16.1	15.7	15.4	14.9	14.4	13.8	13.2	12.6	11.8	11.1	10.3
-61.25°	15.8	15.4	15.0	14.5	13.9	13.4	12.8	12.1	11.4	10.6	9.9
-62.5°	15.4	15.0	14.5	14.0	13.5	13.0	12.3	11.6	10.9	10.2	9.5
-63.75°	15.0	14.5	14.0	13.5	13.1	12.5	11.8	11.1	10.5	9.8	9.1
-65°	14.5	14.0	13.5	13.1	12.5	11.9	11.3	10.6	10.0	9.3	8.7
-66.25°	13.9	13.5	13.1	12.5	11.9	11.3	10.7	10.1	9.5	8.9	8.3
-67.5°	13.4	13.0	12.5	11.9	11.3	10.8	10.2	9.6	9.0	8.5	7.9
-68.75°	12.8	12.3	11.8	11.3	10.7	10.2	9.7	9.1	8.6	8.0	7.5
-70°	12.1	11.6	11.1	10.6	10.1	9.6	9.1	8.6	8.1	7.6	7.0
-71.25°	11.4	10.9	10.5	10.0	9.5	9.0	8.6	8.1	7.6	7.1	6.6
-72.5°	10.6	10.2	9.8	9.3	8.9	8.5	8.0	7.6	7.1	6.6	6.1
-73.75°	9.9	9.5	9.1	8.7	8.3	7.9	7.5	7.0	6.6	6.1	5.6
-75°	9.2	8.8	8.4	8.0	7.7	7.3	6.9	6.5	6.0	5.5	5.0
-76.25°	8.4	8.1	7.7	7.4	7.0	6.7	6.3	5.9	5.4	5.0	4.5
-77.5°	7.6	7.3	7.0	6.7	6.4	6.0	5.6	5.2	4.8	4.4	4.0



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

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.2	3.8	3.4
-80°	6.1	5.8	5.4	5.1	4.8	4.5	4.2	3.8	3.5	3.2	2.9
-81.25°	5.1	4.8	4.6	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.3
-82.5°	4.2	3.9	3.7	3.5	3.2	3.0	2.7	2.5	2.3	2.2	2.0
-83.75°	3.2	3.0	2.8	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-85°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-86.25°	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
-87.5°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220448 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
87.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
86.25°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
83.75°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
82.5°	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
81.25°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
80°	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
78.75°	3.0	2.7	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
77.5°	3.5	3.1	2.7	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
76.25°	4.0	3.6	3.1	2.7	2.3	2.0	1.7	1.4	1.1	0.9	0.6
75°	4.5	4.0	3.5	3.0	2.5	2.2	1.9	1.6	1.2	0.9	0.6
73.75°	5.0	4.5	4.0	3.4	2.9	2.3	2.0	1.7	1.3	1.0	0.7
72.5°	5.5	5.0	4.4	3.8	3.2	2.6	2.2	1.8	1.4	1.1	0.7
71.25°	6.0	5.4	4.8	4.2	3.5	2.9	2.3	1.9	1.5	1.2	0.8
70°	6.5	5.9	5.2	4.5	3.8	3.2	2.5	2.0	1.6	1.2	0.8
68.75°	6.9	6.3	5.6	4.9	4.2	3.5	2.7	2.2	1.7	1.3	0.9
67.5°	7.3	6.7	6.0	5.3	4.5	3.7	3.0	2.3	1.8	1.4	0.9
66.25°	7.7	7.0	6.4	5.6	4.8	4.0	3.2	2.4	1.9	1.4	1.0
65°	8.0	7.4	6.7	6.0	5.1	4.3	3.5	2.6	2.0	1.5	1.0
63.75°	8.4	7.7	7.0	6.3	5.4	4.6	3.7	2.8	2.1	1.6	1.1
62.5°	8.8	8.1	7.3	6.6	5.8	4.8	3.9	3.0	2.2	1.7	1.1
61.25°	9.2	8.4	7.6	6.9	6.1	5.1	4.2	3.2	2.3	1.7	1.2
60°	9.5	8.7	8.0	7.2	6.4	5.4	4.4	3.4	2.4	1.8	1.2
58.75°	9.9	9.1	8.3	7.4	6.6	5.6	4.6	3.6	2.5	1.9	1.2
57.5°	10.2	9.4	8.5	7.7	6.9	5.9	4.8	3.8	2.7	1.9	1.3
56.25°	10.6	9.7	8.8	8.0	7.1	6.2	5.1	3.9	2.8	2.0	1.3
55°	10.9	10.0	9.1	8.2	7.3	6.4	5.3	4.1	3.0	2.1	1.4
53.75°	11.3	10.3	9.4	8.5	7.5	6.6	5.5	4.3	3.1	2.1	1.4
52.5°	11.6	10.6	9.7	8.7	7.8	6.8	5.7	4.5	3.3	2.2	1.5
51.25°	11.9	11.0	10.0	9.0	8.0	7.0	5.9	4.7	3.4	2.3	1.5
50°	12.3	11.2	10.2	9.2	8.2	7.2	6.1	4.8	3.5	2.3	1.5
48.75°	12.6	11.5	10.5	9.5	8.4	7.4	6.3	5.0	3.7	2.4	1.6
47.5°	12.9	11.8	10.8	9.7	8.6	7.6	6.5	5.1	3.8	2.5	1.6
46.25°	13.1	12.1	11.0	9.9	8.8	7.7	6.6	5.3	3.9	2.5	1.7
45°	13.3	12.4	11.3	10.1	9.0	7.9	6.8	5.5	4.1	2.6	1.7
43.75°	13.5	12.7	11.5	10.4	9.2	8.1	6.9	5.6	4.2	2.7	1.7
42.5°	13.8	12.9	11.8	10.6	9.4	8.2	7.1	5.8	4.3	2.8	1.8
41.25°	14.0	13.1	12.0	10.8	9.6	8.4	7.2	5.9	4.4	2.9	1.8
40°	14.2	13.3	12.2	11.0	9.8	8.6	7.3	6.1	4.5	3.0	1.8
38.75°	14.4	13.5	12.4	11.2	10.0	8.7	7.5	6.2	4.6	3.1	1.9
37.5°	14.6	13.6	12.7	11.4	10.1	8.9	7.6	6.3	4.7	3.2	1.9
36.25°	14.8	13.8	12.9	11.6	10.3	9.0	7.7	6.4	4.8	3.2	1.9
35°	15.0	14.0	13.0	11.8	10.5	9.2	7.9	6.5	5.0	3.3	2.0



REPORT NUMBER: P220448 (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°
33.75°	15.1	14.1	13.2	11.9	10.6	9.3	8.0	6.6	5.0	3.4	2.0
32.5°	15.3	14.3	13.3	12.1	10.8	9.4	8.1	6.7	5.1	3.5	2.0
31.25°	15.4	14.5	13.4	12.3	10.9	9.6	8.2	6.8	5.2	3.5	2.1
30°	15.5	14.6	13.6	12.5	11.1	9.7	8.3	6.9	5.3	3.6	2.1
28.75°	15.6	14.7	13.7	12.6	11.2	9.8	8.4	7.0	5.4	3.7	2.1
27.5°	15.7	14.9	13.8	12.8	11.3	9.9	8.5	7.1	5.5	3.7	2.1
26.25°	15.8	15.0	13.9	12.9	11.5	10.0	8.6	7.2	5.6	3.8	2.2
25°	15.9	15.1	14.1	13.0	11.6	10.1	8.7	7.2	5.6	3.8	2.2
23.75°	16.0	15.2	14.2	13.1	11.7	10.2	8.8	7.3	5.7	3.9	2.2
22.5°	16.1	15.3	14.3	13.2	11.8	10.3	8.9	7.4	5.8	3.9	2.2
21.25°	16.1	15.4	14.4	13.3	11.9	10.4	8.9	7.5	5.9	4.0	2.2
20°	16.2	15.5	14.5	13.3	12.0	10.5	9.0	7.5	5.9	4.0	2.3
18.75°	16.3	15.5	14.6	13.4	12.1	10.6	9.1	7.6	6.0	4.1	2.3
17.5°	16.3	15.6	14.6	13.5	12.2	10.7	9.2	7.6	6.0	4.1	2.3
16.25°	16.4	15.6	14.7	13.6	12.3	10.7	9.2	7.7	6.1	4.2	2.3
15°	16.5	15.7	14.8	13.6	12.4	10.8	9.3	7.7	6.1	4.2	2.3
13.75°	16.5	15.7	14.9	13.7	12.4	10.9	9.3	7.8	6.2	4.2	2.3
12.5°	16.6	15.8	14.9	13.7	12.5	10.9	9.4	7.8	6.2	4.3	2.3
11.25°	16.6	15.8	15.0	13.8	12.6	11.0	9.4	7.8	6.2	4.3	2.4
10°	16.7	15.9	15.0	13.8	12.6	11.0	9.5	7.9	6.3	4.3	2.4
8.75°	16.7	15.9	15.1	13.9	12.6	11.1	9.5	7.9	6.3	4.3	2.4
7.5°	16.7	15.9	15.1	13.9	12.7	11.1	9.5	7.9	6.3	4.3	2.4
6.25°	16.7	15.9	15.1	13.9	12.7	11.1	9.5	8.0	6.4	4.4	2.4
5°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
3.75°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
2.5°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
1.25°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
0°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
-1.25°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
-2.5°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
-3.75°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
-5°	16.8	16.0	15.2	14.0	12.8	11.2	9.6	8.0	6.4	4.4	2.4
-6.25°	16.7	15.9	15.1	13.9	12.7	11.1	9.5	8.0	6.4	4.4	2.4
-7.5°	16.7	15.9	15.1	13.9	12.7	11.1	9.5	7.9	6.3	4.3	2.4
-8.75°	16.7	15.9	15.1	13.9	12.6	11.1	9.5	7.9	6.3	4.3	2.4
-10°	16.7	15.9	15.0	13.8	12.6	11.0	9.5	7.9	6.3	4.3	2.4
-11.25°	16.6	15.8	15.0	13.8	12.6	11.0	9.4	7.8	6.2	4.3	2.4
-12.5°	16.6	15.8	14.9	13.7	12.5	10.9	9.4	7.8	6.2	4.3	2.3
-13.75°	16.5	15.7	14.9	13.7	12.4	10.9	9.3	7.8	6.2	4.2	2.3
-15°	16.5	15.7	14.8	13.6	12.4	10.8	9.3	7.7	6.1	4.2	2.3
-16.25°	16.4	15.6	14.7	13.6	12.3	10.7	9.2	7.7	6.1	4.2	2.3
-17.5°	16.3	15.6	14.6	13.5	12.2	10.7	9.2	7.6	6.0	4.1	2.3
-18.75°	16.3	15.5	14.6	13.4	12.1	10.6	9.1	7.6	6.0	4.1	2.3
-20°	16.2	15.5	14.5	13.3	12.0	10.5	9.0	7.5	5.9	4.0	2.3
-21.25°	16.1	15.4	14.4	13.3	11.9	10.4	8.9	7.5	5.9	4.0	2.2



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	16.1	15.3	14.3	13.2	11.8	10.3	8.9	7.4	5.8	3.9	2.2
-23.75°	16.0	15.2	14.2	13.1	11.7	10.2	8.8	7.3	5.7	3.9	2.2
-25°	15.9	15.1	14.1	13.0	11.6	10.1	8.7	7.2	5.6	3.8	2.2
-26.25°	15.8	15.0	13.9	12.9	11.5	10.0	8.6	7.2	5.6	3.8	2.2
-27.5°	15.7	14.9	13.8	12.8	11.3	9.9	8.5	7.1	5.5	3.7	2.1
-28.75°	15.6	14.7	13.7	12.6	11.2	9.8	8.4	7.0	5.4	3.7	2.1
-30°	15.5	14.6	13.6	12.5	11.1	9.7	8.3	6.9	5.3	3.6	2.1
-31.25°	15.4	14.5	13.4	12.3	10.9	9.6	8.2	6.8	5.2	3.5	2.1
-32.5°	15.3	14.3	13.3	12.1	10.8	9.4	8.1	6.7	5.1	3.5	2.0
-33.75°	15.1	14.1	13.2	11.9	10.6	9.3	8.0	6.6	5.0	3.4	2.0
-35°	15.0	14.0	13.0	11.8	10.5	9.2	7.9	6.5	5.0	3.3	2.0
-36.25°	14.8	13.8	12.9	11.6	10.3	9.0	7.7	6.4	4.8	3.2	1.9
-37.5°	14.6	13.6	12.7	11.4	10.1	8.9	7.6	6.3	4.7	3.2	1.9
-38.75°	14.4	13.5	12.4	11.2	10.0	8.7	7.5	6.2	4.6	3.1	1.9
-40°	14.2	13.3	12.2	11.0	9.8	8.6	7.3	6.1	4.5	3.0	1.8
-41.25°	14.0	13.1	12.0	10.8	9.6	8.4	7.2	5.9	4.4	2.9	1.8
-42.5°	13.8	12.9	11.8	10.6	9.4	8.2	7.1	5.8	4.3	2.8	1.8
-43.75°	13.5	12.7	11.5	10.4	9.2	8.1	6.9	5.6	4.2	2.7	1.7
-45°	13.3	12.4	11.3	10.1	9.0	7.9	6.8	5.5	4.1	2.6	1.7
-46.25°	13.1	12.1	11.0	9.9	8.8	7.7	6.6	5.3	3.9	2.5	1.7
-47.5°	12.9	11.8	10.8	9.7	8.6	7.6	6.5	5.1	3.8	2.5	1.6
-48.75°	12.6	11.5	10.5	9.5	8.4	7.4	6.3	5.0	3.7	2.4	1.6
-50°	12.3	11.2	10.2	9.2	8.2	7.2	6.1	4.8	3.5	2.3	1.5
-51.25°	11.9	11.0	10.0	9.0	8.0	7.0	5.9	4.7	3.4	2.3	1.5
-52.5°	11.6	10.6	9.7	8.7	7.8	6.8	5.7	4.5	3.3	2.2	1.5
-53.75°	11.3	10.3	9.4	8.5	7.5	6.6	5.5	4.3	3.1	2.1	1.4
-55°	10.9	10.0	9.1	8.2	7.3	6.4	5.3	4.1	3.0	2.1	1.4
-56.25°	10.6	9.7	8.8	8.0	7.1	6.2	5.1	3.9	2.8	2.0	1.3
-57.5°	10.2	9.4	8.5	7.7	6.9	5.9	4.8	3.8	2.7	1.9	1.3
-58.75°	9.9	9.1	8.3	7.4	6.6	5.6	4.6	3.6	2.5	1.9	1.2
-60°	9.5	8.7	8.0	7.2	6.4	5.4	4.4	3.4	2.4	1.8	1.2
-61.25°	9.2	8.4	7.6	6.9	6.1	5.1	4.2	3.2	2.3	1.7	1.2
-62.5°	8.8	8.1	7.3	6.6	5.8	4.8	3.9	3.0	2.2	1.7	1.1
-63.75°	8.4	7.7	7.0	6.3	5.4	4.6	3.7	2.8	2.1	1.6	1.1
-65°	8.0	7.4	6.7	6.0	5.1	4.3	3.5	2.6	2.0	1.5	1.0
-66.25°	7.7	7.0	6.4	5.6	4.8	4.0	3.2	2.4	1.9	1.4	1.0
-67.5°	7.3	6.7	6.0	5.3	4.5	3.7	3.0	2.3	1.8	1.4	0.9
-68.75°	6.9	6.3	5.6	4.9	4.2	3.5	2.7	2.2	1.7	1.3	0.9
-70°	6.5	5.9	5.2	4.5	3.8	3.2	2.5	2.0	1.6	1.2	0.8
-71.25°	6.0	5.4	4.8	4.2	3.5	2.9	2.3	1.9	1.5	1.2	0.8
-72.5°	5.5	5.0	4.4	3.8	3.2	2.6	2.2	1.8	1.4	1.1	0.7
-73.75°	5.0	4.5	4.0	3.4	2.9	2.3	2.0	1.7	1.3	1.0	0.7
-75°	4.5	4.0	3.5	3.0	2.5	2.2	1.9	1.6	1.2	0.9	0.6
-76.25°	4.0	3.6	3.1	2.7	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-77.5°	3.5	3.1	2.7	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	3.0	2.7	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
-80°	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
-81.25°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-82.5°	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-83.75°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-86.25°	0.9	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-87.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-88.75°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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

CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

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



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

CANDELA DISTRIBUTION (continued):

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



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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)