

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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

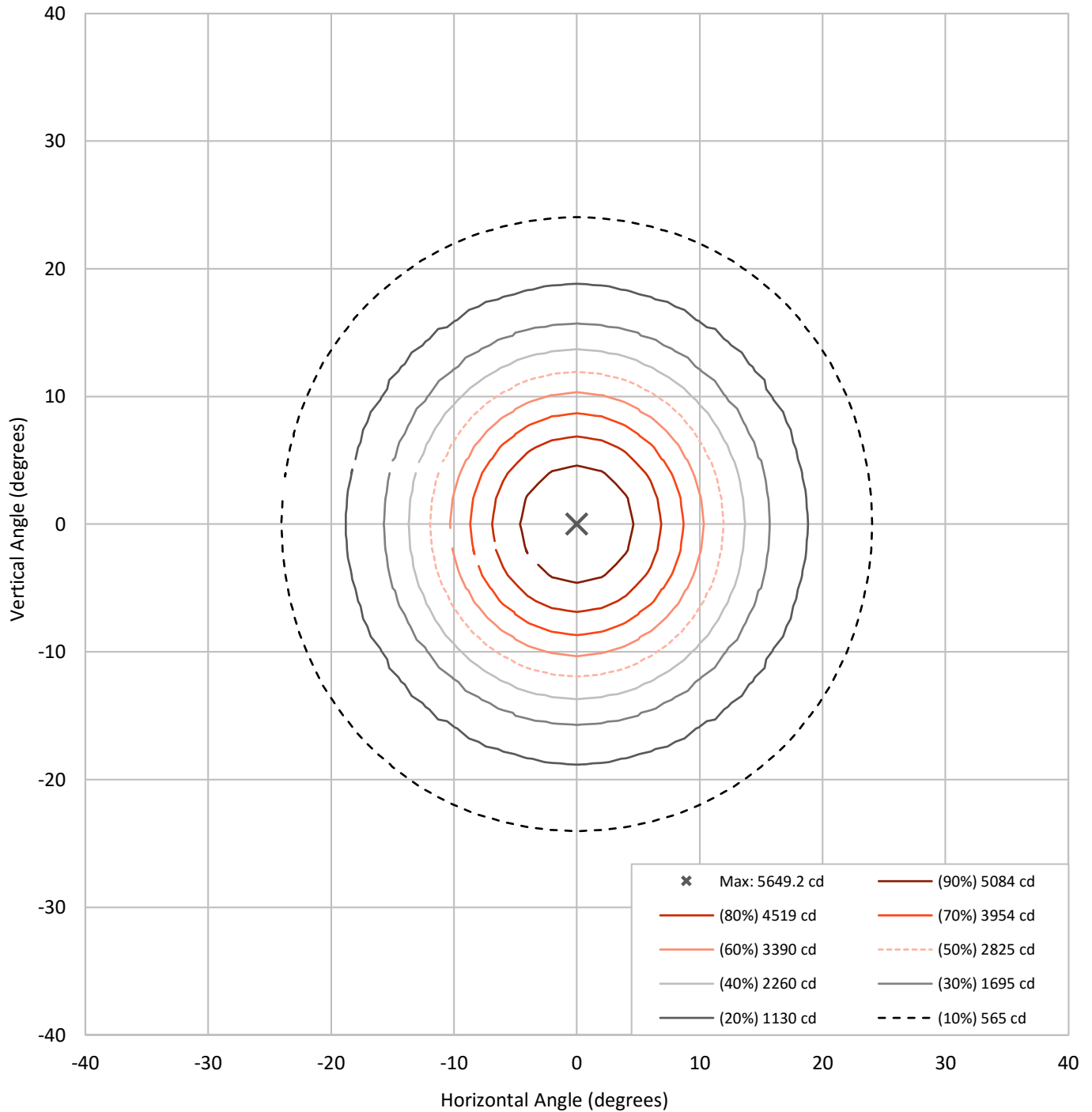
Test Method: LM-79-08
Report Number: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1383.4 lumens	Max Intensity:	5649.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.9°H x 23.9°V	Field Angle (10%):	48.1°H x 48.1°V
Beam Lumens:	551.9 lumens	Field Lumens:	1085.2 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
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





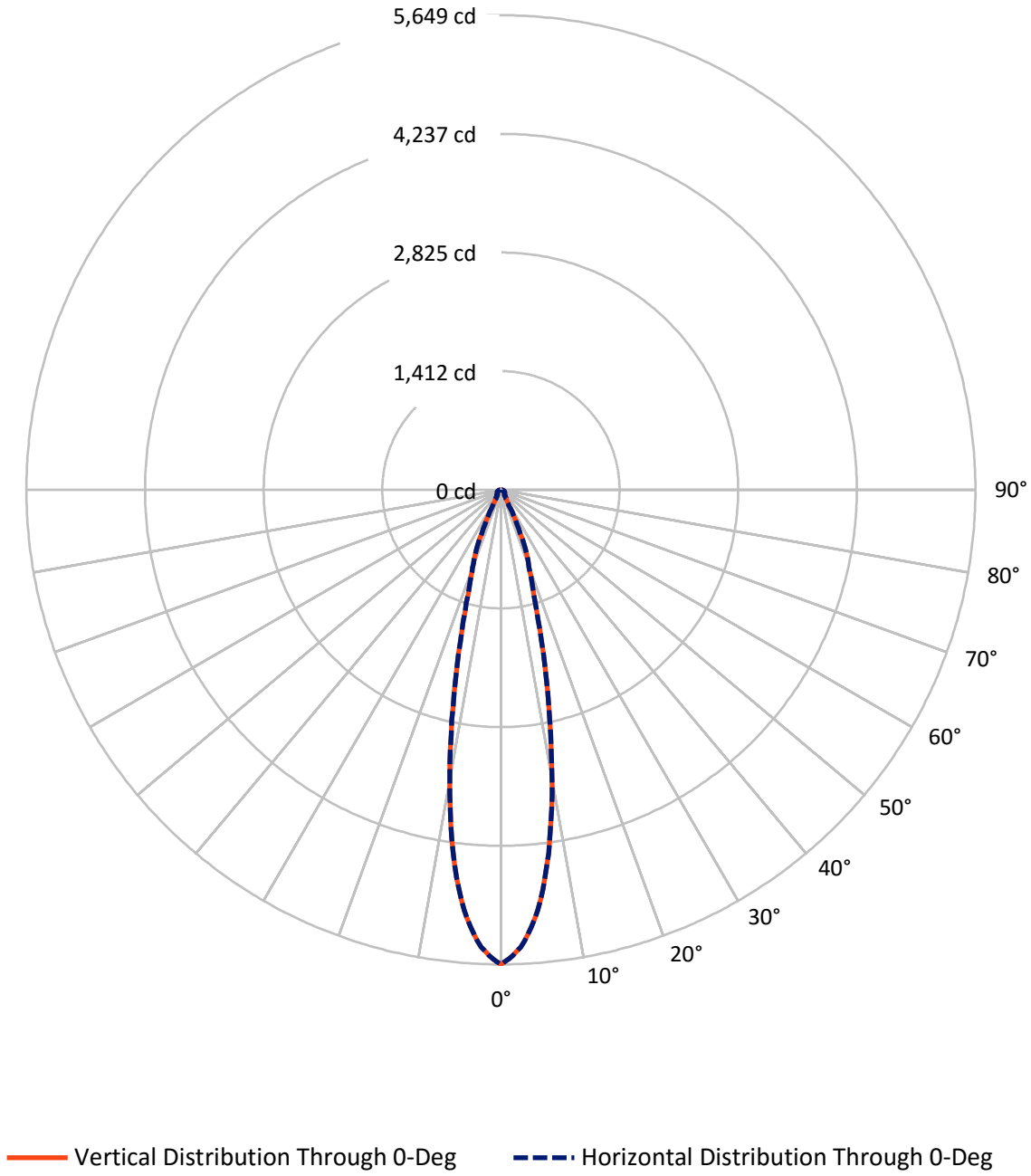
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Lumen Table

90	0.1	0.4		0.9		1.3		1.5		1.3		0.9		0.4		0.1
80	0.1	0.4		0.9		1.3		1.5		1.3		0.9		0.4		0.1
70	0.2	0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.2	0.2
60		0.2	0.4	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.4	0.2	
50	0.3	0.3	0.6	1.0	1.4	1.7	1.8	1.9	1.9	1.8	1.7	1.4	1.0	0.6	0.3	0.3
40		0.4	0.8	1.2	1.5	1.8	2.1	2.5	2.5	2.1	1.8	1.5	1.2	0.8	0.4	
30	0.3	0.4	0.9	1.3	1.6	2.4	6.1	13.1	13.1	6.1	2.4	1.6	1.3	0.9	0.4	0.3
20		0.5	0.9	1.3	1.8	5.7	25.9	52.9	52.9	25.9	5.7	1.8	1.3	0.9	0.5	
10	0.3	0.5	1.0	1.3	2.1	12.1	51.5	127.1	127.1	51.5	12.1	2.1	1.3	1.0	0.5	0.3
0		0.5	1.0	1.3	2.1	12.1	51.5	127.1	127.1	51.5	12.1	2.1	1.3	1.0	0.5	
-10	0.3	0.5	0.9	1.3	1.8	5.7	25.9	52.9	52.9	25.9	5.7	1.8	1.3	0.9	0.5	0.3
-20		0.4	0.9	1.3	1.6	2.4	6.1	13.1	13.1	6.1	2.4	1.6	1.3	0.9	0.4	
-30	0.3	0.4	0.8	1.2	1.5	1.8	2.1	2.5	2.5	2.1	1.8	1.5	1.2	0.8	0.4	0.3
-40		0.3	0.6	1.0	1.4	1.7	1.8	1.9	1.9	1.8	1.7	1.4	1.0	0.6	0.3	
-50	0.2	0.2	0.4	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.4	0.2	0.2
-60		0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.2	
-70	0.1	0.4		0.9		1.3		1.5		1.3		0.9		0.4		0.1
-80		0.4		0.9		1.3		1.5		1.3		0.9		0.4		
-90	0.1	0.4		0.9		1.3		1.5		1.3		0.9		0.4		0.1

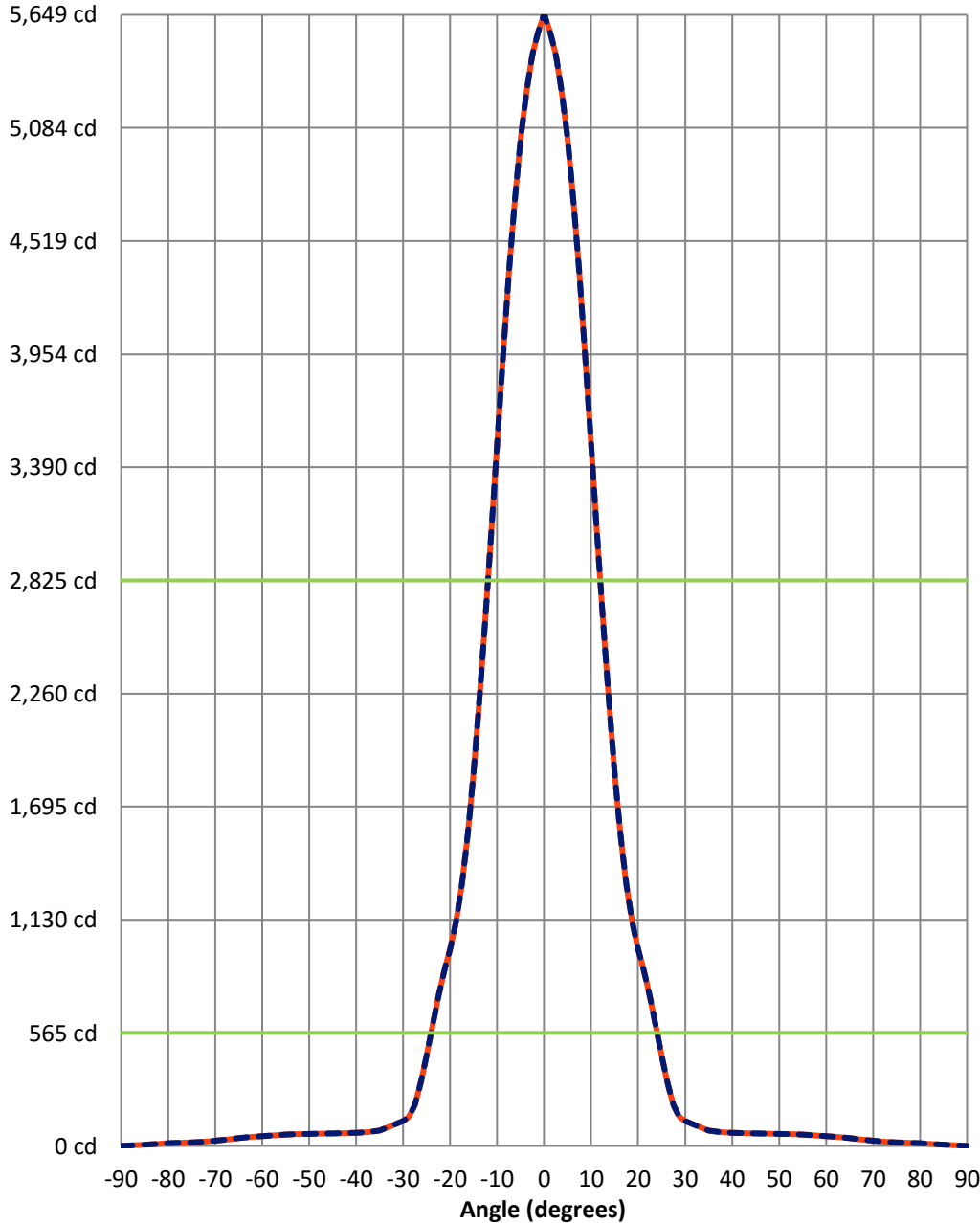
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.9°
 V Angle: 23.9°
 Lumens: 551.9
 Efficiency: 39.9%

Field:
 H Angle: 48.1°
 V Angle: 48.1°
 Lumens: 1085.2
 Efficiency: 78.4%

Spill:
 Lumens: 298.2
 Efficiency: 21.6%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
83.75°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
82.5°	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	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5	2.8
78.75°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.1
77.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
76.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.0	3.4	3.8
75°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
73.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.4
72.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
71.25°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.6	5.1
70°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.4
68.75°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.2	5.8
67.5°	0.0	0.6	1.2	1.8	2.4	3.1	3.7	4.3	4.9	5.5	6.1
66.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.1	5.8	6.4
65°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.4	6.1	6.7
63.75°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0
62.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.2	5.9	6.6	7.3
61.25°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.4	6.1	6.9	7.6
60°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0
58.75°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.6	7.4	8.3
57.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	6.0	6.9	7.7	8.5
56.25°	0.0	0.9	1.8	2.7	3.6	4.4	5.3	6.2	7.1	8.0	8.8
55°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.1
53.75°	0.0	0.9	1.9	2.8	3.8	4.7	5.7	6.6	7.5	8.5	9.4
52.5°	0.0	1.0	1.9	2.9	3.9	4.9	5.8	6.8	7.8	8.7	9.7
51.25°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.1
50°	0.0	1.0	2.1	3.1	4.1	5.1	6.2	7.2	8.2	9.2	10.4
48.75°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	10.7
47.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.5	7.6	8.6	9.7	11.1
46.25°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	10.0	11.4
45°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.3	11.7
43.75°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.1	9.2	10.6	12.0
42.5°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.2	9.4	10.8	12.3
41.25°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	11.1	12.6
40°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	8.6	9.8	11.4	12.9
38.75°	0.0	1.2	2.5	3.7	5.0	6.2	7.5	8.7	10.1	11.6	13.1
37.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	8.9	10.3	11.8	13.4
36.25°	0.0	1.3	2.6	3.9	5.2	6.4	7.7	9.0	10.5	12.1	13.7
35°	0.0	1.3	2.6	3.9	5.2	6.5	7.9	9.2	10.7	12.3	13.8



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.3	2.7	4.0	5.3	6.6	8.0	9.3	10.9	12.5	14.0
32.5°	0.0	1.3	2.7	4.0	5.4	6.7	8.1	9.4	11.1	12.8	14.1
31.25°	0.0	1.4	2.7	4.1	5.5	6.8	8.2	9.6	11.3	13.0	14.2
30°	0.0	1.4	2.8	4.2	5.5	6.9	8.3	9.7	11.4	13.2	14.4
28.75°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	9.9	11.6	13.4	14.5
27.5°	0.0	1.4	2.8	4.3	5.7	7.1	8.5	10.0	11.8	13.5	14.6
26.25°	0.0	1.4	2.9	4.3	5.7	7.2	8.6	10.1	11.9	13.7	14.7
25°	0.0	1.5	2.9	4.3	5.8	7.2	8.7	10.3	12.1	13.8	14.9
23.75°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.4	12.2	13.9	15.0
22.5°	0.0	1.5	3.0	4.4	5.9	7.4	8.9	10.5	12.4	14.0	15.1
21.25°	0.0	1.5	3.0	4.5	6.0	7.5	8.9	10.6	12.5	14.1	15.2
20°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.7	12.6	14.1	15.3
18.75°	0.0	1.5	3.0	4.5	6.1	7.6	9.1	10.9	12.7	14.2	15.4
17.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	10.9	12.9	14.3	15.4
16.25°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	11.0	13.0	14.4	15.5
15°	0.0	1.5	3.1	4.6	6.2	7.7	9.3	11.1	13.0	14.4	15.6
13.75°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	11.2	13.1	14.5	15.7
12.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.3	13.2	14.5	15.7
11.25°	0.0	1.6	3.1	4.7	6.3	7.8	9.4	11.3	13.3	14.6	15.8
10°	0.0	1.6	3.2	4.7	6.3	7.9	9.5	11.4	13.4	14.6	15.8
8.75°	0.0	1.6	3.2	4.7	6.3	7.9	9.5	11.4	13.4	14.7	15.9
7.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.5	11.5	13.5	14.7	15.9
6.25°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.5	13.5	14.7	15.9
5°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.5	13.5	14.8	16.0
3.75°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
2.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
1.25°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
0°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
-1.25°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
-2.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
-3.75°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.6	13.6	14.8	16.0
-5°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.5	13.5	14.8	16.0
-6.25°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.5	13.5	14.7	15.9
-7.5°	0.0	1.6	3.2	4.8	6.3	7.9	9.5	11.5	13.5	14.7	15.9
-8.75°	0.0	1.6	3.2	4.7	6.3	7.9	9.5	11.4	13.4	14.7	15.9
-10°	0.0	1.6	3.2	4.7	6.3	7.9	9.5	11.4	13.4	14.6	15.8
-11.25°	0.0	1.6	3.1	4.7	6.3	7.8	9.4	11.3	13.3	14.6	15.8
-12.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.4	11.3	13.2	14.5	15.7
-13.75°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	11.2	13.1	14.5	15.7
-15°	0.0	1.5	3.1	4.6	6.2	7.7	9.3	11.1	13.0	14.4	15.6
-16.25°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	11.0	13.0	14.4	15.5
-17.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.2	10.9	12.9	14.3	15.4
-18.75°	0.0	1.5	3.0	4.5	6.1	7.6	9.1	10.9	12.7	14.2	15.4
-20°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.7	12.6	14.1	15.3
-21.25°	0.0	1.5	3.0	4.5	6.0	7.5	8.9	10.6	12.5	14.1	15.2



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.5	3.0	4.4	5.9	7.4	8.9	10.5	12.4	14.0	15.1
-23.75°	0.0	1.5	2.9	4.4	5.9	7.3	8.8	10.4	12.2	13.9	15.0
-25°	0.0	1.5	2.9	4.3	5.8	7.2	8.7	10.3	12.1	13.8	14.9
-26.25°	0.0	1.4	2.9	4.3	5.7	7.2	8.6	10.1	11.9	13.7	14.7
-27.5°	0.0	1.4	2.8	4.3	5.7	7.1	8.5	10.0	11.8	13.5	14.6
-28.75°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	9.9	11.6	13.4	14.5
-30°	0.0	1.4	2.8	4.2	5.5	6.9	8.3	9.7	11.4	13.2	14.4
-31.25°	0.0	1.4	2.7	4.1	5.5	6.8	8.2	9.6	11.3	13.0	14.2
-32.5°	0.0	1.3	2.7	4.0	5.4	6.7	8.1	9.4	11.1	12.8	14.1
-33.75°	0.0	1.3	2.7	4.0	5.3	6.6	8.0	9.3	10.9	12.5	14.0
-35°	0.0	1.3	2.6	3.9	5.2	6.5	7.9	9.2	10.7	12.3	13.8
-36.25°	0.0	1.3	2.6	3.9	5.2	6.4	7.7	9.0	10.5	12.1	13.7
-37.5°	0.0	1.3	2.5	3.8	5.1	6.3	7.6	8.9	10.3	11.8	13.4
-38.75°	0.0	1.2	2.5	3.7	5.0	6.2	7.5	8.7	10.1	11.6	13.1
-40°	0.0	1.2	2.5	3.7	4.9	6.1	7.3	8.6	9.8	11.4	12.9
-41.25°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	11.1	12.6
-42.5°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.2	9.4	10.8	12.3
-43.75°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.1	9.2	10.6	12.0
-45°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.3	11.7
-46.25°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	10.0	11.4
-47.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.5	7.6	8.6	9.7	11.1
-48.75°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	10.7
-50°	0.0	1.0	2.1	3.1	4.1	5.1	6.2	7.2	8.2	9.2	10.4
-51.25°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.1
-52.5°	0.0	1.0	1.9	2.9	3.9	4.9	5.8	6.8	7.8	8.7	9.7
-53.75°	0.0	0.9	1.9	2.8	3.8	4.7	5.7	6.6	7.5	8.5	9.4
-55°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.1
-56.25°	0.0	0.9	1.8	2.7	3.6	4.4	5.3	6.2	7.1	8.0	8.8
-57.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	6.0	6.9	7.7	8.5
-58.75°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.6	7.4	8.3
-60°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.2	8.0
-61.25°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.4	6.1	6.9	7.6
-62.5°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	5.2	5.9	6.6	7.3
-63.75°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0
-65°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.7	5.4	6.1	6.7
-66.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.1	5.8	6.4
-67.5°	0.0	0.6	1.2	1.8	2.4	3.1	3.7	4.3	4.9	5.5	6.1
-68.75°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.6	5.2	5.8
-70°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.4	4.9	5.4
-71.25°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-72.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8
-73.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0	4.4
-75°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-76.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-77.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.1
-80°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5	2.8
-81.25°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
-83.75°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
-88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
87.5°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4
86.25°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
85°	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8
83.75°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
82.5°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.2
81.25°	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7	4.9
80°	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6
78.75°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.3
77.5°	3.8	4.1	4.4	4.8	5.1	5.4	5.8	6.1	6.4	6.7	7.0
76.25°	4.1	4.5	4.9	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.7
75°	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.0	8.4
73.75°	4.9	5.3	5.7	6.2	6.6	7.0	7.5	7.9	8.3	8.7	9.1
72.5°	5.2	5.7	6.2	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.8
71.25°	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.0	9.5	10.1	10.7
70°	6.0	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.3	10.9	11.5
68.75°	6.3	6.9	7.5	8.0	8.6	9.1	9.7	10.4	11.0	11.7	12.4
67.5°	6.7	7.3	7.9	8.5	9.0	9.6	10.4	11.1	11.8	12.5	13.2
66.25°	7.0	7.7	8.3	8.9	9.5	10.3	11.0	11.8	12.5	13.3	13.9
65°	7.4	8.0	8.7	9.3	10.1	10.9	11.7	12.5	13.3	13.9	14.3
63.75°	7.7	8.4	9.1	9.8	10.7	11.5	12.4	13.2	13.9	14.3	14.8
62.5°	8.1	8.8	9.5	10.4	11.3	12.1	13.0	13.8	14.3	14.8	15.3
61.25°	8.4	9.2	10.0	10.9	11.8	12.7	13.6	14.2	14.7	15.3	15.8
60°	8.7	9.5	10.5	11.4	12.4	13.4	14.0	14.6	15.2	15.7	16.2
58.75°	9.1	9.9	11.0	12.0	13.0	13.8	14.4	15.0	15.6	16.1	16.5
57.5°	9.4	10.4	11.4	12.5	13.5	14.2	14.8	15.4	16.0	16.4	16.8
56.25°	9.7	10.8	11.9	13.0	13.9	14.5	15.2	15.8	16.3	16.7	17.1
55°	10.1	11.3	12.4	13.5	14.2	14.9	15.5	16.1	16.5	17.0	17.4
53.75°	10.5	11.7	12.8	13.8	14.5	15.2	15.9	16.4	16.8	17.3	17.8
52.5°	10.9	12.1	13.3	14.1	14.8	15.5	16.2	16.6	17.1	17.5	18.4
51.25°	11.3	12.5	13.7	14.4	15.1	15.9	16.4	16.9	17.3	18.0	19.0
50°	11.7	12.9	13.9	14.7	15.4	16.1	16.6	17.1	17.6	18.6	19.5
48.75°	12.0	13.3	14.2	15.0	15.7	16.3	16.8	17.4	18.1	19.1	20.1
47.5°	12.4	13.7	14.5	15.3	16.0	16.6	17.1	17.6	18.6	19.6	20.7
46.25°	12.7	13.9	14.7	15.5	16.2	16.8	17.3	18.0	19.1	20.2	21.5
45°	13.1	14.1	15.0	15.8	16.4	17.0	17.5	18.5	19.6	20.7	22.4
43.75°	13.4	14.3	15.2	16.0	16.6	17.2	17.8	18.9	20.0	21.4	23.3
42.5°	13.7	14.6	15.4	16.2	16.8	17.3	18.2	19.4	20.5	22.3	24.2
41.25°	13.9	14.8	15.7	16.4	17.0	17.5	18.6	19.8	21.1	23.1	25.1
40°	14.1	15.0	15.9	16.5	17.1	17.8	19.0	20.2	21.9	23.9	26.0
38.75°	14.3	15.2	16.1	16.7	17.3	18.2	19.4	20.6	22.6	24.7	26.8
37.5°	14.4	15.4	16.2	16.8	17.5	18.6	19.8	21.2	23.3	25.5	27.6
36.25°	14.6	15.6	16.3	17.0	17.6	18.9	20.2	21.9	24.1	26.2	28.4
35°	14.8	15.8	16.5	17.1	17.9	19.2	20.5	22.5	24.7	27.0	29.2



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	14.9	15.9	16.6	17.3	18.2	19.5	20.9	23.2	25.4	27.7	29.9
32.5°	15.1	16.1	16.7	17.4	18.5	19.9	21.5	23.8	26.1	28.4	30.7
31.25°	15.3	16.2	16.9	17.5	18.8	20.2	22.0	24.4	26.7	29.0	31.4
30°	15.4	16.3	17.0	17.7	19.1	20.5	22.6	25.0	27.3	29.7	32.1
28.75°	15.5	16.4	17.1	18.0	19.4	20.7	23.1	25.5	27.9	30.3	32.9
27.5°	15.7	16.5	17.2	18.2	19.6	21.2	23.6	26.0	28.5	30.9	33.7
26.25°	15.8	16.6	17.3	18.4	19.8	21.6	24.1	26.6	29.0	31.5	34.5
25°	15.9	16.7	17.4	18.6	20.1	22.0	24.6	27.1	29.6	32.1	35.3
23.75°	16.0	16.8	17.5	18.8	20.3	22.5	25.0	27.5	30.1	32.7	36.0
22.5°	16.1	16.9	17.6	19.0	20.5	22.9	25.4	28.0	30.5	33.4	36.7
21.25°	16.2	16.9	17.8	19.2	20.7	23.2	25.8	28.4	31.0	34.0	37.3
20°	16.3	17.0	17.9	19.4	21.0	23.6	26.2	28.8	31.4	34.6	37.9
18.75°	16.3	17.1	18.1	19.6	21.3	23.9	26.6	29.2	31.8	35.1	38.5
17.5°	16.4	17.1	18.2	19.7	21.6	24.2	26.9	29.5	32.3	35.7	39.1
16.25°	16.4	17.2	18.3	19.9	21.9	24.5	27.2	29.9	32.7	36.1	39.5
15°	16.5	17.3	18.5	20.0	22.1	24.8	27.5	30.2	33.1	36.6	39.9
13.75°	16.5	17.3	18.6	20.1	22.4	25.1	27.8	30.5	33.5	37.0	40.2
12.5°	16.6	17.4	18.7	20.3	22.6	25.3	28.0	30.7	33.9	37.4	40.5
11.25°	16.6	17.4	18.8	20.4	22.8	25.5	28.2	31.0	34.2	37.7	40.8
10°	16.7	17.5	18.9	20.4	22.9	25.7	28.4	31.2	34.5	38.0	41.0
8.75°	16.7	17.5	19.0	20.5	23.1	25.9	28.6	31.4	34.8	38.3	41.3
7.5°	16.7	17.5	19.0	20.6	23.2	26.0	28.8	31.5	35.0	38.5	41.5
6.25°	16.7	17.5	19.1	20.7	23.3	26.1	28.9	31.7	35.2	38.7	41.6
5°	16.8	17.6	19.1	20.7	23.4	26.2	29.0	31.8	35.3	38.9	41.8
3.75°	16.8	17.6	19.2	20.8	23.5	26.3	29.1	31.9	35.4	39.0	41.9
2.5°	16.8	17.6	19.2	20.8	23.6	26.4	29.2	31.9	35.5	39.1	41.9
1.25°	16.8	17.6	19.2	20.8	23.6	26.4	29.2	32.0	35.6	39.2	42.0
0°	16.8	17.6	19.2	20.8	23.6	26.4	29.2	32.0	35.6	39.2	42.0
-1.25°	16.8	17.6	19.2	20.8	23.6	26.4	29.2	32.0	35.6	39.2	42.0
-2.5°	16.8	17.6	19.2	20.8	23.6	26.4	29.2	31.9	35.5	39.1	41.9
-3.75°	16.8	17.6	19.2	20.8	23.5	26.3	29.1	31.9	35.4	39.0	41.9
-5°	16.8	17.6	19.1	20.7	23.4	26.2	29.0	31.8	35.3	38.9	41.8
-6.25°	16.7	17.5	19.1	20.7	23.3	26.1	28.9	31.7	35.2	38.7	41.6
-7.5°	16.7	17.5	19.0	20.6	23.2	26.0	28.8	31.5	35.0	38.5	41.5
-8.75°	16.7	17.5	19.0	20.5	23.1	25.9	28.6	31.4	34.8	38.3	41.3
-10°	16.7	17.5	18.9	20.4	22.9	25.7	28.4	31.2	34.5	38.0	41.0
-11.25°	16.6	17.4	18.8	20.4	22.8	25.5	28.2	31.0	34.2	37.7	40.8
-12.5°	16.6	17.4	18.7	20.3	22.6	25.3	28.0	30.7	33.9	37.4	40.5
-13.75°	16.5	17.3	18.6	20.1	22.4	25.1	27.8	30.5	33.5	37.0	40.2
-15°	16.5	17.3	18.5	20.0	22.1	24.8	27.5	30.2	33.1	36.6	39.9
-16.25°	16.4	17.2	18.3	19.9	21.9	24.5	27.2	29.9	32.7	36.1	39.5
-17.5°	16.4	17.1	18.2	19.7	21.6	24.2	26.9	29.5	32.3	35.7	39.1
-18.75°	16.3	17.1	18.1	19.6	21.3	23.9	26.6	29.2	31.8	35.1	38.5
-20°	16.3	17.0	17.9	19.4	21.0	23.6	26.2	28.8	31.4	34.6	37.9
-21.25°	16.2	16.9	17.8	19.2	20.7	23.2	25.8	28.4	31.0	34.0	37.3



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	16.1	16.9	17.6	19.0	20.5	22.9	25.4	28.0	30.5	33.4	36.7
-23.75°	16.0	16.8	17.5	18.8	20.3	22.5	25.0	27.5	30.1	32.7	36.0
-25°	15.9	16.7	17.4	18.6	20.1	22.0	24.6	27.1	29.6	32.1	35.3
-26.25°	15.8	16.6	17.3	18.4	19.8	21.6	24.1	26.6	29.0	31.5	34.5
-27.5°	15.7	16.5	17.2	18.2	19.6	21.2	23.6	26.0	28.5	30.9	33.7
-28.75°	15.5	16.4	17.1	18.0	19.4	20.7	23.1	25.5	27.9	30.3	32.9
-30°	15.4	16.3	17.0	17.7	19.1	20.5	22.6	25.0	27.3	29.7	32.1
-31.25°	15.3	16.2	16.9	17.5	18.8	20.2	22.0	24.4	26.7	29.0	31.4
-32.5°	15.1	16.1	16.7	17.4	18.5	19.9	21.5	23.8	26.1	28.4	30.7
-33.75°	14.9	15.9	16.6	17.3	18.2	19.5	20.9	23.2	25.4	27.7	29.9
-35°	14.8	15.8	16.5	17.1	17.9	19.2	20.5	22.5	24.7	27.0	29.2
-36.25°	14.6	15.6	16.3	17.0	17.6	18.9	20.2	21.9	24.1	26.2	28.4
-37.5°	14.4	15.4	16.2	16.8	17.5	18.6	19.8	21.2	23.3	25.5	27.6
-38.75°	14.3	15.2	16.1	16.7	17.3	18.2	19.4	20.6	22.6	24.7	26.8
-40°	14.1	15.0	15.9	16.5	17.1	17.8	19.0	20.2	21.9	23.9	26.0
-41.25°	13.9	14.8	15.7	16.4	17.0	17.5	18.6	19.8	21.1	23.1	25.1
-42.5°	13.7	14.6	15.4	16.2	16.8	17.3	18.2	19.4	20.5	22.3	24.2
-43.75°	13.4	14.3	15.2	16.0	16.6	17.2	17.8	18.9	20.0	21.4	23.3
-45°	13.1	14.1	15.0	15.8	16.4	17.0	17.5	18.5	19.6	20.7	22.4
-46.25°	12.7	13.9	14.7	15.5	16.2	16.8	17.3	18.0	19.1	20.2	21.5
-47.5°	12.4	13.7	14.5	15.3	16.0	16.6	17.1	17.6	18.6	19.6	20.7
-48.75°	12.0	13.3	14.2	15.0	15.7	16.3	16.8	17.4	18.1	19.1	20.1
-50°	11.7	12.9	13.9	14.7	15.4	16.1	16.6	17.1	17.6	18.6	19.5
-51.25°	11.3	12.5	13.7	14.4	15.1	15.9	16.4	16.9	17.3	18.0	19.0
-52.5°	10.9	12.1	13.3	14.1	14.8	15.5	16.2	16.6	17.1	17.5	18.4
-53.75°	10.5	11.7	12.8	13.8	14.5	15.2	15.9	16.4	16.8	17.3	17.8
-55°	10.1	11.3	12.4	13.5	14.2	14.9	15.5	16.1	16.5	17.0	17.4
-56.25°	9.7	10.8	11.9	13.0	13.9	14.5	15.2	15.8	16.3	16.7	17.1
-57.5°	9.4	10.4	11.4	12.5	13.5	14.2	14.8	15.4	16.0	16.4	16.8
-58.75°	9.1	9.9	11.0	12.0	13.0	13.8	14.4	15.0	15.6	16.1	16.5
-60°	8.7	9.5	10.5	11.4	12.4	13.4	14.0	14.6	15.2	15.7	16.2
-61.25°	8.4	9.2	10.0	10.9	11.8	12.7	13.6	14.2	14.7	15.3	15.8
-62.5°	8.1	8.8	9.5	10.4	11.3	12.1	13.0	13.8	14.3	14.8	15.3
-63.75°	7.7	8.4	9.1	9.8	10.7	11.5	12.4	13.2	13.9	14.3	14.8
-65°	7.4	8.0	8.7	9.3	10.1	10.9	11.7	12.5	13.3	13.9	14.3
-66.25°	7.0	7.7	8.3	8.9	9.5	10.3	11.0	11.8	12.5	13.3	13.9
-67.5°	6.7	7.3	7.9	8.5	9.0	9.6	10.4	11.1	11.8	12.5	13.2
-68.75°	6.3	6.9	7.5	8.0	8.6	9.1	9.7	10.4	11.0	11.7	12.4
-70°	6.0	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.3	10.9	11.5
-71.25°	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.0	9.5	10.1	10.7
-72.5°	5.2	5.7	6.2	6.6	7.1	7.6	8.0	8.5	8.9	9.3	9.8
-73.75°	4.9	5.3	5.7	6.2	6.6	7.0	7.5	7.9	8.3	8.7	9.1
-75°	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.0	8.4
-76.25°	4.1	4.5	4.9	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.7
-77.5°	3.8	4.1	4.4	4.8	5.1	5.4	5.8	6.1	6.4	6.7	7.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.3
-80°	3.0	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6
-81.25°	2.7	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.7	4.9
-82.5°	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0	4.2
-83.75°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
-85°	1.5	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8
-86.25°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-87.5°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4
-88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
87.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.1
86.25°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.1
85°	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1
83.75°	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1
82.5°	4.4	4.6	4.8	5.0	5.1	5.3	5.5	5.7	5.8	6.0	6.2
81.25°	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
80°	5.9	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	10.1	10.4
76.25°	8.1	8.4	8.7	9.1	9.4	9.7	10.1	10.5	10.9	11.3	11.7
75°	8.8	9.2	9.5	9.9	10.4	10.8	11.3	11.7	12.1	12.5	12.9
73.75°	9.5	10.0	10.5	11.0	11.4	11.9	12.4	12.8	13.3	13.7	13.9
72.5°	10.4	10.9	11.4	12.0	12.5	13.0	13.5	13.8	14.1	14.4	14.7
71.25°	11.3	11.8	12.4	13.0	13.5	13.9	14.2	14.5	14.8	15.1	15.4
70°	12.1	12.7	13.4	13.8	14.2	14.5	14.9	15.2	15.5	15.9	16.1
68.75°	13.0	13.6	14.0	14.4	14.8	15.2	15.5	15.9	16.2	16.4	16.6
67.5°	13.8	14.2	14.6	15.0	15.4	15.8	16.1	16.4	16.6	16.9	17.1
66.25°	14.3	14.7	15.2	15.6	16.0	16.3	16.5	16.8	17.1	17.3	17.6
65°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	18.0	18.6
63.75°	15.3	15.8	16.2	16.5	16.8	17.1	17.4	17.8	18.4	19.0	19.5
62.5°	15.8	16.2	16.5	16.9	17.2	17.5	18.1	18.7	19.3	19.9	20.5
61.25°	16.2	16.6	16.9	17.2	17.6	18.2	18.9	19.6	20.2	20.8	21.9
60°	16.5	16.9	17.3	17.6	18.3	19.0	19.7	20.4	21.3	22.5	23.6
58.75°	16.9	17.2	17.6	18.4	19.1	19.8	20.6	21.6	22.8	24.0	25.2
57.5°	17.2	17.6	18.3	19.1	19.9	20.6	21.8	23.1	24.4	25.6	26.9
56.25°	17.5	18.2	19.0	19.8	20.6	21.9	23.2	24.6	25.9	27.2	28.5
55°	18.1	18.9	19.7	20.6	21.8	23.2	24.6	26.0	27.4	28.7	30.1
53.75°	18.7	19.6	20.4	21.6	23.1	24.6	26.0	27.4	28.9	30.3	31.6
52.5°	19.3	20.2	21.3	22.8	24.4	25.9	27.4	28.9	30.3	31.8	33.5
51.25°	19.9	20.8	22.5	24.0	25.6	27.2	28.7	30.3	31.8	33.6	35.5
50°	20.5	21.9	23.6	25.2	26.9	28.5	30.1	31.6	33.5	35.5	37.5
48.75°	21.3	23.0	24.7	26.4	28.1	29.7	31.4	33.3	35.4	37.4	39.4
47.5°	22.3	24.1	25.8	27.6	29.3	31.0	32.9	35.0	37.1	39.2	40.9
46.25°	23.3	25.1	26.9	28.7	30.5	32.3	34.5	36.7	38.9	40.7	42.3
45°	24.3	26.1	28.0	29.8	31.6	33.8	36.1	38.4	40.3	42.0	43.8
43.75°	25.2	27.1	29.0	30.9	33.0	35.3	37.7	39.8	41.6	43.4	45.1
42.5°	26.2	28.1	30.1	32.0	34.4	36.8	39.2	41.1	42.9	44.8	46.1
41.25°	27.1	29.1	31.1	33.3	35.8	38.3	40.4	42.3	44.2	45.7	47.0
40°	28.0	30.0	32.1	34.6	37.2	39.6	41.6	43.5	45.3	46.6	48.0
38.75°	28.9	31.0	33.3	35.9	38.5	40.7	42.7	44.7	46.2	47.6	48.9
37.5°	29.7	31.8	34.5	37.2	39.7	41.8	43.8	45.6	47.0	48.4	49.9
36.25°	30.6	32.9	35.7	38.4	40.7	42.8	44.9	46.4	47.8	49.3	50.8
35°	31.4	34.0	36.8	39.5	41.7	43.8	45.6	47.2	48.7	50.2	51.6



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	32.2	35.1	37.9	40.4	42.6	44.8	46.4	47.9	49.5	51.0	52.5
32.5°	33.2	36.1	39.0	41.3	43.6	45.5	47.1	48.7	50.2	51.8	53.3
31.25°	34.2	37.1	39.9	42.2	44.5	46.2	47.8	49.4	51.0	52.6	54.1
30°	35.1	38.1	40.7	43.0	45.2	46.8	48.5	50.1	51.7	53.3	54.9
28.75°	36.0	39.0	41.4	43.8	45.8	47.4	49.1	50.8	52.4	54.1	55.7
27.5°	36.8	39.8	42.2	44.6	46.3	48.0	49.7	51.4	53.1	54.8	56.4
26.25°	37.7	40.4	42.9	45.2	46.9	48.6	50.3	52.0	53.7	55.4	57.0
25°	38.4	41.1	43.6	45.7	47.4	49.2	50.9	52.6	54.4	56.1	57.4
23.75°	39.2	41.7	44.2	46.2	47.9	49.7	51.5	53.2	55.0	56.7	57.8
22.5°	39.8	42.3	44.8	46.6	48.4	50.2	52.0	53.8	55.6	57.1	58.2
21.25°	40.3	42.9	45.2	47.1	48.9	50.7	52.5	54.3	56.1	57.5	58.5
20°	40.8	43.4	45.6	47.5	49.3	51.2	53.0	54.8	56.6	57.8	58.9
18.75°	41.3	43.9	46.0	47.9	49.7	51.6	53.4	55.3	57.0	58.1	59.2
17.5°	41.7	44.4	46.4	48.2	50.1	52.0	53.9	55.7	57.3	58.4	59.3
16.25°	42.1	44.8	46.7	48.6	50.5	52.4	54.3	56.1	57.5	58.7	59.4
15°	42.5	45.1	47.0	48.9	50.8	52.7	54.6	56.5	57.8	58.9	59.5
13.75°	42.9	45.4	47.3	49.2	51.1	53.1	55.0	56.9	58.0	59.1	59.6
12.5°	43.2	45.6	47.6	49.5	51.4	53.4	55.3	57.0	58.2	59.3	59.6
11.25°	43.5	45.8	47.8	49.7	51.7	53.6	55.6	57.2	58.4	59.3	59.7
10°	43.8	46.0	48.0	50.0	51.9	53.9	55.8	57.4	58.6	59.4	59.8
8.75°	44.0	46.2	48.2	50.2	52.1	54.1	56.1	57.5	58.7	59.4	59.8
7.5°	44.2	46.4	48.3	50.3	52.3	54.3	56.3	57.7	58.8	59.5	59.9
6.25°	44.4	46.5	48.5	50.5	52.5	54.4	56.4	57.8	58.9	59.5	59.9
5°	44.5	46.6	48.6	50.6	52.6	54.6	56.6	57.8	59.0	59.5	59.9
3.75°	44.7	46.7	48.7	50.7	52.7	54.7	56.7	57.9	59.1	59.6	60.0
2.5°	44.7	46.8	48.7	50.7	52.7	54.7	56.7	58.0	59.2	59.6	60.0
1.25°	44.8	46.8	48.8	50.8	52.8	54.8	56.8	58.0	59.2	59.6	60.0
0°	44.8	46.8	48.8	50.8	52.8	54.8	56.8	58.0	59.2	59.6	60.0
-1.25°	44.8	46.8	48.8	50.8	52.8	54.8	56.8	58.0	59.2	59.6	60.0
-2.5°	44.7	46.8	48.7	50.7	52.7	54.7	56.7	58.0	59.2	59.6	60.0
-3.75°	44.7	46.7	48.7	50.7	52.7	54.7	56.7	57.9	59.1	59.6	60.0
-5°	44.5	46.6	48.6	50.6	52.6	54.6	56.6	57.8	59.0	59.5	59.9
-6.25°	44.4	46.5	48.5	50.5	52.5	54.4	56.4	57.8	58.9	59.5	59.9
-7.5°	44.2	46.4	48.3	50.3	52.3	54.3	56.3	57.7	58.8	59.5	59.9
-8.75°	44.0	46.2	48.2	50.2	52.1	54.1	56.1	57.5	58.7	59.4	59.8
-10°	43.8	46.0	48.0	50.0	51.9	53.9	55.8	57.4	58.6	59.4	59.8
-11.25°	43.5	45.8	47.8	49.7	51.7	53.6	55.6	57.2	58.4	59.3	59.7
-12.5°	43.2	45.6	47.6	49.5	51.4	53.4	55.3	57.0	58.2	59.3	59.6
-13.75°	42.9	45.4	47.3	49.2	51.1	53.1	55.0	56.9	58.0	59.1	59.6
-15°	42.5	45.1	47.0	48.9	50.8	52.7	54.6	56.5	57.8	58.9	59.5
-16.25°	42.1	44.8	46.7	48.6	50.5	52.4	54.3	56.1	57.5	58.7	59.4
-17.5°	41.7	44.4	46.4	48.2	50.1	52.0	53.9	55.7	57.3	58.4	59.3
-18.75°	41.3	43.9	46.0	47.9	49.7	51.6	53.4	55.3	57.0	58.1	59.2
-20°	40.8	43.4	45.6	47.5	49.3	51.2	53.0	54.8	56.6	57.8	58.9
-21.25°	40.3	42.9	45.2	47.1	48.9	50.7	52.5	54.3	56.1	57.5	58.5



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
-22.5°	39.8	42.3	44.8	46.6	48.4	50.2	52.0	53.8	55.6	57.1	58.2
-23.75°	39.2	41.7	44.2	46.2	47.9	49.7	51.5	53.2	55.0	56.7	57.8
-25°	38.4	41.1	43.6	45.7	47.4	49.2	50.9	52.6	54.4	56.1	57.4
-26.25°	37.7	40.4	42.9	45.2	46.9	48.6	50.3	52.0	53.7	55.4	57.0
-27.5°	36.8	39.8	42.2	44.6	46.3	48.0	49.7	51.4	53.1	54.8	56.4
-28.75°	36.0	39.0	41.4	43.8	45.8	47.4	49.1	50.8	52.4	54.1	55.7
-30°	35.1	38.1	40.7	43.0	45.2	46.8	48.5	50.1	51.7	53.3	54.9
-31.25°	34.2	37.1	39.9	42.2	44.5	46.2	47.8	49.4	51.0	52.6	54.1
-32.5°	33.2	36.1	39.0	41.3	43.6	45.5	47.1	48.7	50.2	51.8	53.3
-33.75°	32.2	35.1	37.9	40.4	42.6	44.8	46.4	47.9	49.5	51.0	52.5
-35°	31.4	34.0	36.8	39.5	41.7	43.8	45.6	47.2	48.7	50.2	51.6
-36.25°	30.6	32.9	35.7	38.4	40.7	42.8	44.9	46.4	47.8	49.3	50.8
-37.5°	29.7	31.8	34.5	37.2	39.7	41.8	43.8	45.6	47.0	48.4	49.9
-38.75°	28.9	31.0	33.3	35.9	38.5	40.7	42.7	44.7	46.2	47.6	48.9
-40°	28.0	30.0	32.1	34.6	37.2	39.6	41.6	43.5	45.3	46.6	48.0
-41.25°	27.1	29.1	31.1	33.3	35.8	38.3	40.4	42.3	44.2	45.7	47.0
-42.5°	26.2	28.1	30.1	32.0	34.4	36.8	39.2	41.1	42.9	44.8	46.1
-43.75°	25.2	27.1	29.0	30.9	33.0	35.3	37.7	39.8	41.6	43.4	45.1
-45°	24.3	26.1	28.0	29.8	31.6	33.8	36.1	38.4	40.3	42.0	43.8
-46.25°	23.3	25.1	26.9	28.7	30.5	32.3	34.5	36.7	38.9	40.7	42.3
-47.5°	22.3	24.1	25.8	27.6	29.3	31.0	32.9	35.0	37.1	39.2	40.9
-48.75°	21.3	23.0	24.7	26.4	28.1	29.7	31.4	33.3	35.4	37.4	39.4
-50°	20.5	21.9	23.6	25.2	26.9	28.5	30.1	31.6	33.5	35.5	37.5
-51.25°	19.9	20.8	22.5	24.0	25.6	27.2	28.7	30.3	31.8	33.6	35.5
-52.5°	19.3	20.2	21.3	22.8	24.4	25.9	27.4	28.9	30.3	31.8	33.5
-53.75°	18.7	19.6	20.4	21.6	23.1	24.6	26.0	27.4	28.9	30.3	31.6
-55°	18.1	18.9	19.7	20.6	21.8	23.2	24.6	26.0	27.4	28.7	30.1
-56.25°	17.5	18.2	19.0	19.8	20.6	21.9	23.2	24.6	25.9	27.2	28.5
-57.5°	17.2	17.6	18.3	19.1	19.9	20.6	21.8	23.1	24.4	25.6	26.9
-58.75°	16.9	17.2	17.6	18.4	19.1	19.8	20.6	21.6	22.8	24.0	25.2
-60°	16.5	16.9	17.3	17.6	18.3	19.0	19.7	20.4	21.3	22.5	23.6
-61.25°	16.2	16.6	16.9	17.2	17.6	18.2	18.9	19.6	20.2	20.8	21.9
-62.5°	15.8	16.2	16.5	16.9	17.2	17.5	18.1	18.7	19.3	19.9	20.5
-63.75°	15.3	15.8	16.2	16.5	16.8	17.1	17.4	17.8	18.4	19.0	19.5
-65°	14.8	15.3	15.7	16.1	16.4	16.7	17.0	17.3	17.5	18.0	18.6
-66.25°	14.3	14.7	15.2	15.6	16.0	16.3	16.5	16.8	17.1	17.3	17.6
-67.5°	13.8	14.2	14.6	15.0	15.4	15.8	16.1	16.4	16.6	16.9	17.1
-68.75°	13.0	13.6	14.0	14.4	14.8	15.2	15.5	15.9	16.2	16.4	16.6
-70°	12.1	12.7	13.4	13.8	14.2	14.5	14.9	15.2	15.5	15.9	16.1
-71.25°	11.3	11.8	12.4	13.0	13.5	13.9	14.2	14.5	14.8	15.1	15.4
-72.5°	10.4	10.9	11.4	12.0	12.5	13.0	13.5	13.8	14.1	14.4	14.7
-73.75°	9.5	10.0	10.5	11.0	11.4	11.9	12.4	12.8	13.3	13.7	13.9
-75°	8.8	9.2	9.5	9.9	10.4	10.8	11.3	11.7	12.1	12.5	12.9
-76.25°	8.1	8.4	8.7	9.1	9.4	9.7	10.1	10.5	10.9	11.3	11.7
-77.5°	7.3	7.6	8.0	8.3	8.5	8.8	9.1	9.4	9.7	10.1	10.4



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.8	8.0	8.2
-81.25°	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2
-82.5°	4.4	4.6	4.8	5.0	5.1	5.3	5.5	5.7	5.8	6.0	6.2
-83.75°	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1
-85°	3.0	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1
-86.25°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.1
-87.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.1
-88.75°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3
87.5°	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6
86.25°	3.2	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.9
85°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2
83.75°	5.3	5.4	5.5	5.7	5.8	5.9	6.0	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	10.1	10.3	10.5
78.75°	9.5	9.7	10.0	10.3	10.6	10.8	11.1	11.4	11.6	11.8	12.1
77.5°	10.7	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.1	13.4	13.7
76.25°	12.0	12.4	12.7	13.1	13.4	13.7	13.9	14.1	14.3	14.4	14.6
75°	13.3	13.7	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.4	15.6
73.75°	14.2	14.5	14.7	15.0	15.2	15.4	15.7	15.9	16.1	16.2	16.3
72.5°	15.0	15.3	15.5	15.8	16.0	16.2	16.4	16.5	16.7	16.8	17.0
71.25°	15.7	16.0	16.2	16.4	16.6	16.8	17.0	17.1	17.3	17.5	17.6
70°	16.3	16.6	16.8	17.0	17.2	17.3	17.5	17.8	18.2	18.6	18.9
68.75°	16.8	17.1	17.3	17.5	17.8	18.2	18.6	19.0	19.4	19.8	20.2
67.5°	17.4	17.6	18.0	18.5	18.9	19.4	19.8	20.2	20.6	21.2	21.9
66.25°	18.1	18.6	19.1	19.6	20.0	20.5	21.1	21.9	22.6	23.3	24.1
65°	19.1	19.6	20.2	20.7	21.4	22.3	23.1	23.9	24.7	25.5	26.2
63.75°	20.1	20.7	21.5	22.4	23.3	24.2	25.1	26.0	26.8	27.6	28.4
62.5°	21.3	22.3	23.3	24.3	25.2	26.2	27.1	28.0	28.9	29.7	30.6
61.25°	23.0	24.1	25.1	26.1	27.1	28.1	29.1	30.0	31.0	31.8	32.9
60°	24.7	25.8	26.9	28.0	29.0	30.1	31.1	32.1	33.3	34.5	35.7
58.75°	26.4	27.6	28.7	29.8	30.9	32.0	33.3	34.6	35.9	37.2	38.4
57.5°	28.1	29.3	30.5	31.6	33.0	34.4	35.8	37.2	38.5	39.7	40.7
56.25°	29.7	31.0	32.3	33.8	35.3	36.8	38.3	39.6	40.7	41.8	42.8
55°	31.4	32.9	34.5	36.1	37.7	39.2	40.4	41.6	42.7	43.8	44.9
53.75°	33.3	35.0	36.7	38.4	39.8	41.1	42.3	43.5	44.7	45.6	46.4
52.5°	35.4	37.1	38.9	40.3	41.6	42.9	44.2	45.3	46.2	47.0	47.8
51.25°	37.4	39.2	40.7	42.0	43.4	44.8	45.7	46.6	47.6	48.4	49.3
50°	39.4	40.9	42.3	43.8	45.1	46.1	47.0	48.0	48.9	49.9	50.8
48.75°	40.9	42.5	44.0	45.3	46.3	47.3	48.3	49.3	50.3	51.3	52.2
47.5°	42.5	44.0	45.4	46.5	47.5	48.6	49.6	50.7	51.7	52.7	53.6
46.25°	44.0	45.4	46.5	47.6	48.7	49.8	50.9	52.0	53.0	54.0	55.0
45°	45.3	46.5	47.6	48.8	49.9	51.1	52.2	53.3	54.3	55.4	56.4
43.75°	46.3	47.5	48.7	49.9	51.1	52.3	53.4	54.6	55.7	56.7	57.4
42.5°	47.3	48.6	49.8	51.1	52.3	53.5	54.7	55.8	56.9	57.6	58.2
41.25°	48.3	49.6	50.9	52.2	53.4	54.7	55.9	57.0	57.7	58.4	59.0
40°	49.3	50.7	52.0	53.3	54.6	55.8	57.0	57.7	58.4	59.1	59.4
38.75°	50.3	51.7	53.0	54.3	55.7	56.9	57.7	58.4	59.2	59.4	59.7
37.5°	51.3	52.7	54.0	55.4	56.7	57.6	58.4	59.1	59.4	59.7	59.9
36.25°	52.2	53.6	55.0	56.4	57.4	58.2	59.0	59.4	59.7	59.9	60.4
35°	53.1	54.6	56.0	57.2	58.0	58.9	59.4	59.6	59.9	60.3	60.9



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	54.0	55.5	56.9	57.8	58.6	59.3	59.6	59.9	60.3	60.8	61.3
32.5°	54.9	56.4	57.4	58.3	59.2	59.5	59.8	60.2	60.7	61.3	61.7
31.25°	55.7	57.1	58.0	58.9	59.4	59.7	60.0	60.6	61.2	61.7	61.9
30°	56.5	57.6	58.5	59.3	59.6	59.9	60.4	61.0	61.6	61.9	62.2
28.75°	57.1	58.1	59.0	59.5	59.8	60.2	60.8	61.4	61.8	62.1	62.4
27.5°	57.6	58.5	59.3	59.6	60.0	60.5	61.2	61.7	62.0	62.3	62.8
26.25°	58.0	59.0	59.5	59.8	60.2	60.9	61.5	61.9	62.2	62.6	63.2
25°	58.4	59.3	59.6	60.0	60.6	61.2	61.7	62.1	62.4	63.0	63.7
23.75°	58.8	59.4	59.8	60.2	60.9	61.6	61.9	62.2	62.8	63.4	64.1
22.5°	59.2	59.6	59.9	60.5	61.2	61.7	62.1	62.4	63.1	63.8	64.5
21.25°	59.3	59.7	60.1	60.8	61.5	61.9	62.2	62.8	63.4	64.1	64.8
20°	59.5	59.8	60.3	61.1	61.7	62.0	62.4	63.1	63.8	64.5	65.2
18.75°	59.6	59.9	60.6	61.3	61.8	62.2	62.7	63.4	64.1	64.8	65.6
17.5°	59.7	60.1	60.8	61.5	61.9	62.3	62.9	63.6	64.4	65.1	66.1
16.25°	59.8	60.3	61.0	61.7	62.1	62.4	63.2	63.9	64.7	65.4	66.6
15°	59.9	60.5	61.2	61.8	62.2	62.7	63.4	64.2	64.9	65.7	67.2
13.75°	59.9	60.6	61.4	61.9	62.3	62.9	63.6	64.4	65.2	66.2	67.7
12.5°	60.0	60.8	61.6	62.0	62.4	63.1	63.8	64.6	65.4	66.7	68.2
11.25°	60.2	61.0	61.7	62.1	62.5	63.2	64.0	64.8	65.6	67.1	68.6
10°	60.3	61.1	61.7	62.1	62.6	63.4	64.2	65.0	65.9	67.5	69.2
8.75°	60.4	61.2	61.8	62.2	62.8	63.5	64.3	65.2	66.2	67.8	70.0
7.5°	60.5	61.3	61.9	62.2	62.9	63.7	64.5	65.3	66.5	68.1	70.8
6.25°	60.6	61.4	61.9	62.3	63.0	63.8	64.6	65.4	66.8	68.3	71.4
5°	60.7	61.5	61.9	62.3	63.1	63.8	64.7	65.5	67.0	68.5	72.0
3.75°	60.7	61.5	62.0	62.4	63.1	63.9	64.8	65.6	67.1	68.7	72.4
2.5°	60.8	61.6	62.0	62.4	63.2	64.0	64.8	65.7	67.2	68.8	72.7
1.25°	60.8	61.6	62.0	62.4	63.2	64.0	64.8	65.7	67.3	68.9	72.8
0°	60.8	61.6	62.0	62.4	63.2	64.0	64.9	65.7	67.3	68.9	72.9
-1.25°	60.8	61.6	62.0	62.4	63.2	64.0	64.8	65.7	67.3	68.9	72.8
-2.5°	60.8	61.6	62.0	62.4	63.2	64.0	64.8	65.7	67.2	68.8	72.7
-3.75°	60.7	61.5	62.0	62.4	63.1	63.9	64.8	65.6	67.1	68.7	72.4
-5°	60.7	61.5	61.9	62.3	63.1	63.8	64.7	65.5	67.0	68.5	72.0
-6.25°	60.6	61.4	61.9	62.3	63.0	63.8	64.6	65.4	66.8	68.3	71.4
-7.5°	60.5	61.3	61.9	62.2	62.9	63.7	64.5	65.3	66.5	68.1	70.8
-8.75°	60.4	61.2	61.8	62.2	62.8	63.5	64.3	65.2	66.2	67.8	70.0
-10°	60.3	61.1	61.7	62.1	62.6	63.4	64.2	65.0	65.9	67.5	69.2
-11.25°	60.2	61.0	61.7	62.1	62.5	63.2	64.0	64.8	65.6	67.1	68.6
-12.5°	60.0	60.8	61.6	62.0	62.4	63.1	63.8	64.6	65.4	66.7	68.2
-13.75°	59.9	60.6	61.4	61.9	62.3	62.9	63.6	64.4	65.2	66.2	67.7
-15°	59.9	60.5	61.2	61.8	62.2	62.7	63.4	64.2	64.9	65.7	67.2
-16.25°	59.8	60.3	61.0	61.7	62.1	62.4	63.2	63.9	64.7	65.4	66.6
-17.5°	59.7	60.1	60.8	61.5	61.9	62.3	62.9	63.6	64.4	65.1	66.1
-18.75°	59.6	59.9	60.6	61.3	61.8	62.2	62.7	63.4	64.1	64.8	65.6
-20°	59.5	59.8	60.3	61.1	61.7	62.0	62.4	63.1	63.8	64.5	65.2
-21.25°	59.3	59.7	60.1	60.8	61.5	61.9	62.2	62.8	63.4	64.1	64.8



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	59.2	59.6	59.9	60.5	61.2	61.7	62.1	62.4	63.1	63.8	64.5
-23.75°	58.8	59.4	59.8	60.2	60.9	61.6	61.9	62.2	62.8	63.4	64.1
-25°	58.4	59.3	59.6	60.0	60.6	61.2	61.7	62.1	62.4	63.0	63.7
-26.25°	58.0	59.0	59.5	59.8	60.2	60.9	61.5	61.9	62.2	62.6	63.2
-27.5°	57.6	58.5	59.3	59.6	60.0	60.5	61.2	61.7	62.0	62.3	62.8
-28.75°	57.1	58.1	59.0	59.5	59.8	60.2	60.8	61.4	61.8	62.1	62.4
-30°	56.5	57.6	58.5	59.3	59.6	59.9	60.4	61.0	61.6	61.9	62.2
-31.25°	55.7	57.1	58.0	58.9	59.4	59.7	60.0	60.6	61.2	61.7	61.9
-32.5°	54.9	56.4	57.4	58.3	59.2	59.5	59.8	60.2	60.7	61.3	61.7
-33.75°	54.0	55.5	56.9	57.8	58.6	59.3	59.6	59.9	60.3	60.8	61.3
-35°	53.1	54.6	56.0	57.2	58.0	58.9	59.4	59.6	59.9	60.3	60.9
-36.25°	52.2	53.6	55.0	56.4	57.4	58.2	59.0	59.4	59.7	59.9	60.4
-37.5°	51.3	52.7	54.0	55.4	56.7	57.6	58.4	59.1	59.4	59.7	59.9
-38.75°	50.3	51.7	53.0	54.3	55.7	56.9	57.7	58.4	59.2	59.4	59.7
-40°	49.3	50.7	52.0	53.3	54.6	55.8	57.0	57.7	58.4	59.1	59.4
-41.25°	48.3	49.6	50.9	52.2	53.4	54.7	55.9	57.0	57.7	58.4	59.0
-42.5°	47.3	48.6	49.8	51.1	52.3	53.5	54.7	55.8	56.9	57.6	58.2
-43.75°	46.3	47.5	48.7	49.9	51.1	52.3	53.4	54.6	55.7	56.7	57.4
-45°	45.3	46.5	47.6	48.8	49.9	51.1	52.2	53.3	54.3	55.4	56.4
-46.25°	44.0	45.4	46.5	47.6	48.7	49.8	50.9	52.0	53.0	54.0	55.0
-47.5°	42.5	44.0	45.4	46.5	47.5	48.6	49.6	50.7	51.7	52.7	53.6
-48.75°	40.9	42.5	44.0	45.3	46.3	47.3	48.3	49.3	50.3	51.3	52.2
-50°	39.4	40.9	42.3	43.8	45.1	46.1	47.0	48.0	48.9	49.9	50.8
-51.25°	37.4	39.2	40.7	42.0	43.4	44.8	45.7	46.6	47.6	48.4	49.3
-52.5°	35.4	37.1	38.9	40.3	41.6	42.9	44.2	45.3	46.2	47.0	47.8
-53.75°	33.3	35.0	36.7	38.4	39.8	41.1	42.3	43.5	44.7	45.6	46.4
-55°	31.4	32.9	34.5	36.1	37.7	39.2	40.4	41.6	42.7	43.8	44.9
-56.25°	29.7	31.0	32.3	33.8	35.3	36.8	38.3	39.6	40.7	41.8	42.8
-57.5°	28.1	29.3	30.5	31.6	33.0	34.4	35.8	37.2	38.5	39.7	40.7
-58.75°	26.4	27.6	28.7	29.8	30.9	32.0	33.3	34.6	35.9	37.2	38.4
-60°	24.7	25.8	26.9	28.0	29.0	30.1	31.1	32.1	33.3	34.5	35.7
-61.25°	23.0	24.1	25.1	26.1	27.1	28.1	29.1	30.0	31.0	31.8	32.9
-62.5°	21.3	22.3	23.3	24.3	25.2	26.2	27.1	28.0	28.9	29.7	30.6
-63.75°	20.1	20.7	21.5	22.4	23.3	24.2	25.1	26.0	26.8	27.6	28.4
-65°	19.1	19.6	20.2	20.7	21.4	22.3	23.1	23.9	24.7	25.5	26.2
-66.25°	18.1	18.6	19.1	19.6	20.0	20.5	21.1	21.9	22.6	23.3	24.1
-67.5°	17.4	17.6	18.0	18.5	18.9	19.4	19.8	20.2	20.6	21.2	21.9
-68.75°	16.8	17.1	17.3	17.5	17.8	18.2	18.6	19.0	19.4	19.8	20.2
-70°	16.3	16.6	16.8	17.0	17.2	17.3	17.5	17.8	18.2	18.6	18.9
-71.25°	15.7	16.0	16.2	16.4	16.6	16.8	17.0	17.1	17.3	17.5	17.6
-72.5°	15.0	15.3	15.5	15.8	16.0	16.2	16.4	16.5	16.7	16.8	17.0
-73.75°	14.2	14.5	14.7	15.0	15.2	15.4	15.7	15.9	16.1	16.2	16.3
-75°	13.3	13.7	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.4	15.6
-76.25°	12.0	12.4	12.7	13.1	13.4	13.7	13.9	14.1	14.3	14.4	14.6
-77.5°	10.7	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.1	13.4	13.7



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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	10.0	10.3	10.6	10.8	11.1	11.4	11.6	11.8	12.1
-80°	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.1	10.3	10.5
-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°	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4
-85°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2
-86.25°	3.2	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.9
-87.5°	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6
-88.75°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
87.5°	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0
86.25°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4
85°	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9
83.75°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4
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	9.9	10.0	10.1	10.3	10.4	10.5
80°	10.7	10.9	11.1	11.3	11.4	11.6	11.8	11.9	12.1	12.2	12.4
78.75°	12.3	12.5	12.8	13.0	13.2	13.4	13.5	13.7	13.8	13.9	14.0
77.5°	13.8	14.0	14.1	14.2	14.4	14.5	14.6	14.7	14.9	15.0	15.1
76.25°	14.8	14.9	15.1	15.3	15.4	15.5	15.7	15.8	15.9	16.0	16.1
75°	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
73.75°	16.5	16.6	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.6
72.5°	17.1	17.3	17.4	17.5	17.7	18.0	18.2	18.4	18.6	18.8	19.0
71.25°	17.9	18.2	18.5	18.8	19.1	19.4	19.6	19.8	20.1	20.3	20.5
70°	19.2	19.5	19.9	20.2	20.5	20.7	21.2	21.6	22.0	22.5	22.9
68.75°	20.5	20.9	21.5	22.0	22.6	23.1	23.6	24.1	24.6	25.0	25.4
67.5°	22.5	23.2	23.8	24.4	25.0	25.5	26.0	26.6	27.1	27.5	28.0
66.25°	24.7	25.4	26.1	26.7	27.3	27.9	28.5	29.0	29.6	30.1	30.5
65°	27.0	27.7	28.4	29.0	29.7	30.3	30.9	31.5	32.1	32.7	33.4
63.75°	29.2	29.9	30.7	31.4	32.1	32.9	33.7	34.5	35.3	36.0	36.7
62.5°	31.4	32.2	33.2	34.2	35.1	36.0	36.8	37.7	38.4	39.2	39.8
61.25°	34.0	35.1	36.1	37.1	38.1	39.0	39.8	40.4	41.1	41.7	42.3
60°	36.8	37.9	39.0	39.9	40.7	41.4	42.2	42.9	43.6	44.2	44.8
58.75°	39.5	40.4	41.3	42.2	43.0	43.8	44.6	45.2	45.7	46.2	46.6
57.5°	41.7	42.6	43.6	44.5	45.2	45.8	46.3	46.9	47.4	47.9	48.4
56.25°	43.8	44.8	45.5	46.2	46.8	47.4	48.0	48.6	49.2	49.7	50.2
55°	45.6	46.4	47.1	47.8	48.5	49.1	49.7	50.3	50.9	51.5	52.0
53.75°	47.2	47.9	48.7	49.4	50.1	50.8	51.4	52.0	52.6	53.2	53.8
52.5°	48.7	49.5	50.2	51.0	51.7	52.4	53.1	53.7	54.4	55.0	55.6
51.25°	50.2	51.0	51.8	52.6	53.3	54.1	54.8	55.4	56.1	56.7	57.1
50°	51.6	52.5	53.3	54.1	54.9	55.7	56.4	57.0	57.4	57.8	58.2
48.75°	53.1	54.0	54.9	55.7	56.5	57.1	57.6	58.0	58.4	58.8	59.2
47.5°	54.6	55.5	56.4	57.1	57.6	58.1	58.5	59.0	59.3	59.4	59.6
46.25°	56.0	56.9	57.4	58.0	58.5	59.0	59.3	59.5	59.6	59.8	59.9
45°	57.2	57.8	58.3	58.9	59.3	59.5	59.6	59.8	60.0	60.2	60.5
43.75°	58.0	58.6	59.2	59.4	59.6	59.8	60.0	60.2	60.6	60.9	61.2
42.5°	58.9	59.3	59.5	59.7	59.9	60.2	60.5	60.9	61.2	61.6	61.7
41.25°	59.4	59.6	59.8	60.0	60.4	60.8	61.2	61.5	61.7	61.9	62.1
40°	59.6	59.9	60.2	60.6	61.0	61.4	61.7	61.9	62.1	62.2	62.4
38.75°	59.9	60.3	60.7	61.2	61.6	61.8	62.0	62.2	62.4	62.8	63.1
37.5°	60.3	60.8	61.3	61.7	61.9	62.1	62.3	62.6	63.0	63.4	63.8
36.25°	60.9	61.3	61.7	61.9	62.2	62.4	62.8	63.2	63.7	64.1	64.5
35°	61.4	61.7	62.0	62.2	62.5	63.0	63.4	63.9	64.3	64.7	65.1



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	61.7	62.0	62.2	62.6	63.1	63.6	64.0	64.5	65.0	65.4	65.9
32.5°	62.0	62.2	62.6	63.1	63.6	64.1	64.6	65.1	65.6	66.4	67.2
31.25°	62.2	62.6	63.1	63.7	64.2	64.7	65.2	65.8	66.7	67.6	68.5
30°	62.5	63.1	63.6	64.2	64.7	65.3	65.9	66.9	67.9	68.8	70.9
28.75°	63.0	63.6	64.1	64.7	65.3	66.0	67.0	68.1	69.3	71.7	74.0
27.5°	63.4	64.0	64.6	65.2	65.9	67.0	68.1	69.6	72.1	74.6	77.2
26.25°	63.9	64.5	65.1	65.8	66.9	68.1	69.6	72.3	74.9	78.5	85.8
25°	64.3	65.0	65.6	66.7	67.9	69.3	72.1	74.9	79.0	86.7	94.1
23.75°	64.7	65.4	66.4	67.6	68.8	71.7	74.6	78.5	86.7	94.6	102.5
22.5°	65.1	65.9	67.2	68.5	70.9	74.0	77.2	85.8	94.1	102.5	111.0
21.25°	65.5	66.7	68.0	69.9	73.1	76.3	84.0	92.8	101.5	110.5	119.3
20°	66.1	67.5	68.8	71.9	75.2	81.3	90.5	99.5	108.9	118.2	128.0
18.75°	66.8	68.2	70.5	73.9	77.7	87.3	96.7	106.4	116.1	125.9	138.6
17.5°	67.5	68.9	72.3	75.7	83.2	93.0	102.8	113.0	123.0	135.2	163.2
16.25°	68.1	70.4	73.9	78.4	88.5	98.4	108.9	119.3	130.9	153.8	205.8
15°	68.6	71.9	75.5	83.1	93.4	103.8	114.6	125.3	140.8	180.8	258.9
13.75°	69.6	73.3	77.0	87.5	97.9	108.9	119.9	132.5	160.1	224.5	321.1
12.5°	70.8	74.6	80.9	91.6	102.3	113.6	124.9	141.6	186.9	273.9	386.4
11.25°	72.0	75.7	84.4	95.3	106.5	118.0	130.7	157.3	222.9	325.2	449.5
10°	73.0	76.8	87.6	98.7	110.3	121.9	136.1	173.1	260.6	377.7	509.2
8.75°	73.9	79.4	90.5	101.8	113.6	125.6	145.7	201.1	300.5	427.0	563.1
7.5°	74.7	81.8	93.0	104.6	116.6	129.6	156.5	225.6	335.7	471.1	611.4
6.25°	75.4	83.8	95.2	107.0	119.1	133.0	165.7	248.4	370.4	509.7	653.1
5°	75.9	85.5	96.9	109.0	121.2	135.8	176.5	272.0	399.6	541.7	687.6
3.75°	76.3	86.8	98.3	110.5	122.8	138.6	189.4	290.5	422.6	566.8	713.0
2.5°	76.7	87.7	99.3	111.6	124.0	142.6	198.7	303.8	439.0	585.2	731.1
1.25°	76.8	88.3	99.9	112.3	124.7	145.1	204.3	311.8	449.0	596.3	742.1
0°	76.9	88.5	100.1	112.5	124.9	145.9	206.2	314.5	452.3	600.0	745.8
-1.25°	76.8	88.3	99.9	112.3	124.7	145.1	204.3	311.8	449.0	596.3	742.1
-2.5°	76.7	87.7	99.3	111.6	124.0	142.6	198.7	303.8	439.0	585.2	731.1
-3.75°	76.3	86.8	98.3	110.5	122.8	138.6	189.4	290.5	422.6	566.8	713.0
-5°	75.9	85.5	96.9	109.0	121.2	135.8	176.5	272.0	399.6	541.7	687.6
-6.25°	75.4	83.8	95.2	107.0	119.1	133.0	165.7	248.4	370.4	509.7	653.1
-7.5°	74.7	81.8	93.0	104.6	116.6	129.6	156.5	225.6	335.7	471.1	611.4
-8.75°	73.9	79.4	90.5	101.8	113.6	125.6	145.7	201.1	300.5	427.0	563.1
-10°	73.0	76.8	87.6	98.7	110.3	121.9	136.1	173.1	260.6	377.7	509.2
-11.25°	72.0	75.7	84.4	95.3	106.5	118.0	130.7	157.3	222.9	325.2	449.5
-12.5°	70.8	74.6	80.9	91.6	102.3	113.6	124.9	141.6	186.9	273.9	386.4
-13.75°	69.6	73.3	77.0	87.5	97.9	108.9	119.9	132.5	160.1	224.5	321.1
-15°	68.6	71.9	75.5	83.1	93.4	103.8	114.6	125.3	140.8	180.8	258.9
-16.25°	68.1	70.4	73.9	78.4	88.5	98.4	108.9	119.3	130.9	153.8	205.8
-17.5°	67.5	68.9	72.3	75.7	83.2	93.0	102.8	113.0	123.0	135.2	163.2
-18.75°	66.8	68.2	70.5	73.9	77.7	87.3	96.7	106.4	116.1	125.9	138.6
-20°	66.1	67.5	68.8	71.9	75.2	81.3	90.5	99.5	108.9	118.2	128.0
-21.25°	65.5	66.7	68.0	69.9	73.1	76.3	84.0	92.8	101.5	110.5	119.3



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	65.1	65.9	67.2	68.5	70.9	74.0	77.2	85.8	94.1	102.5	111.0
-23.75°	64.7	65.4	66.4	67.6	68.8	71.7	74.6	78.5	86.7	94.6	102.5
-25°	64.3	65.0	65.6	66.7	67.9	69.3	72.1	74.9	79.0	86.7	94.1
-26.25°	63.9	64.5	65.1	65.8	66.9	68.1	69.6	72.3	74.9	78.5	85.8
-27.5°	63.4	64.0	64.6	65.2	65.9	67.0	68.1	69.6	72.1	74.6	77.2
-28.75°	63.0	63.6	64.1	64.7	65.3	66.0	67.0	68.1	69.3	71.7	74.0
-30°	62.5	63.1	63.6	64.2	64.7	65.3	65.9	66.9	67.9	68.8	70.9
-31.25°	62.2	62.6	63.1	63.7	64.2	64.7	65.2	65.8	66.7	67.6	68.5
-32.5°	62.0	62.2	62.6	63.1	63.6	64.1	64.6	65.1	65.6	66.4	67.2
-33.75°	61.7	62.0	62.2	62.6	63.1	63.6	64.0	64.5	65.0	65.4	65.9
-35°	61.4	61.7	62.0	62.2	62.5	63.0	63.4	63.9	64.3	64.7	65.1
-36.25°	60.9	61.3	61.7	61.9	62.2	62.4	62.8	63.2	63.7	64.1	64.5
-37.5°	60.3	60.8	61.3	61.7	61.9	62.1	62.3	62.6	63.0	63.4	63.8
-38.75°	59.9	60.3	60.7	61.2	61.6	61.8	62.0	62.2	62.4	62.8	63.1
-40°	59.6	59.9	60.2	60.6	61.0	61.4	61.7	61.9	62.1	62.2	62.4
-41.25°	59.4	59.6	59.8	60.0	60.4	60.8	61.2	61.5	61.7	61.9	62.1
-42.5°	58.9	59.3	59.5	59.7	59.9	60.2	60.5	60.9	61.2	61.6	61.7
-43.75°	58.0	58.6	59.2	59.4	59.6	59.8	60.0	60.2	60.6	60.9	61.2
-45°	57.2	57.8	58.3	58.9	59.3	59.5	59.6	59.8	60.0	60.2	60.5
-46.25°	56.0	56.9	57.4	58.0	58.5	59.0	59.3	59.5	59.6	59.8	59.9
-47.5°	54.6	55.5	56.4	57.1	57.6	58.1	58.5	59.0	59.3	59.4	59.6
-48.75°	53.1	54.0	54.9	55.7	56.5	57.1	57.6	58.0	58.4	58.8	59.2
-50°	51.6	52.5	53.3	54.1	54.9	55.7	56.4	57.0	57.4	57.8	58.2
-51.25°	50.2	51.0	51.8	52.6	53.3	54.1	54.8	55.4	56.1	56.7	57.1
-52.5°	48.7	49.5	50.2	51.0	51.7	52.4	53.1	53.7	54.4	55.0	55.6
-53.75°	47.2	47.9	48.7	49.4	50.1	50.8	51.4	52.0	52.6	53.2	53.8
-55°	45.6	46.4	47.1	47.8	48.5	49.1	49.7	50.3	50.9	51.5	52.0
-56.25°	43.8	44.8	45.5	46.2	46.8	47.4	48.0	48.6	49.2	49.7	50.2
-57.5°	41.7	42.6	43.6	44.5	45.2	45.8	46.3	46.9	47.4	47.9	48.4
-58.75°	39.5	40.4	41.3	42.2	43.0	43.8	44.6	45.2	45.7	46.2	46.6
-60°	36.8	37.9	39.0	39.9	40.7	41.4	42.2	42.9	43.6	44.2	44.8
-61.25°	34.0	35.1	36.1	37.1	38.1	39.0	39.8	40.4	41.1	41.7	42.3
-62.5°	31.4	32.2	33.2	34.2	35.1	36.0	36.8	37.7	38.4	39.2	39.8
-63.75°	29.2	29.9	30.7	31.4	32.1	32.9	33.7	34.5	35.3	36.0	36.7
-65°	27.0	27.7	28.4	29.0	29.7	30.3	30.9	31.5	32.1	32.7	33.4
-66.25°	24.7	25.4	26.1	26.7	27.3	27.9	28.5	29.0	29.6	30.1	30.5
-67.5°	22.5	23.2	23.8	24.4	25.0	25.5	26.0	26.6	27.1	27.5	28.0
-68.75°	20.5	20.9	21.5	22.0	22.6	23.1	23.6	24.1	24.6	25.0	25.4
-70°	19.2	19.5	19.9	20.2	20.5	20.7	21.2	21.6	22.0	22.5	22.9
-71.25°	17.9	18.2	18.5	18.8	19.1	19.4	19.6	19.8	20.1	20.3	20.5
-72.5°	17.1	17.3	17.4	17.5	17.7	18.0	18.2	18.4	18.6	18.8	19.0
-73.75°	16.5	16.6	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.6
-75°	15.8	15.9	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
-76.25°	14.8	14.9	15.1	15.3	15.4	15.5	15.7	15.8	15.9	16.0	16.1
-77.5°	13.8	14.0	14.1	14.2	14.4	14.5	14.6	14.7	14.9	15.0	15.1



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	12.3	12.5	12.8	13.0	13.2	13.4	13.5	13.7	13.8	13.9	14.0
-80°	10.7	10.9	11.1	11.3	11.4	11.6	11.8	11.9	12.1	12.2	12.4
-81.25°	9.2	9.3	9.4	9.6	9.7	9.9	10.0	10.1	10.3	10.4	10.5
-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°	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9
-86.25°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4
-87.5°	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0
-88.75°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
87.5°	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2
86.25°	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7
85°	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.3	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°	10.6	10.7	10.9	10.9	11.0	11.1	11.2	11.3	11.3	11.4	11.4
80°	12.5	12.6	12.7	12.9	13.0	13.0	13.1	13.2	13.3	13.4	13.4
78.75°	14.1	14.1	14.2	14.3	14.4	14.4	14.5	14.5	14.6	14.6	14.7
77.5°	15.2	15.3	15.4	15.4	15.5	15.6	15.7	15.7	15.8	15.8	15.9
76.25°	16.2	16.3	16.3	16.4	16.4	16.5	16.5	16.6	16.6	16.7	16.7
75°	16.9	17.0	17.1	17.1	17.2	17.3	17.3	17.4	17.4	17.5	17.5
73.75°	17.8	17.9	18.1	18.2	18.3	18.5	18.6	18.7	18.8	18.9	19.0
72.5°	19.2	19.4	19.6	19.7	19.9	20.0	20.1	20.3	20.4	20.4	20.5
71.25°	20.7	21.0	21.3	21.6	21.9	22.1	22.4	22.6	22.8	22.9	23.1
70°	23.2	23.6	23.9	24.2	24.5	24.8	25.1	25.3	25.5	25.7	25.9
68.75°	25.8	26.2	26.6	26.9	27.2	27.5	27.8	28.0	28.2	28.4	28.6
67.5°	28.4	28.8	29.2	29.5	29.9	30.2	30.5	30.7	31.0	31.2	31.4
66.25°	31.0	31.4	31.8	32.3	32.7	33.1	33.5	33.9	34.2	34.5	34.8
65°	34.0	34.6	35.1	35.7	36.1	36.6	37.0	37.4	37.7	38.0	38.3
63.75°	37.3	37.9	38.5	39.1	39.5	39.9	40.2	40.5	40.8	41.0	41.3
62.5°	40.3	40.8	41.3	41.7	42.1	42.5	42.9	43.2	43.5	43.8	44.0
61.25°	42.9	43.4	43.9	44.4	44.8	45.1	45.4	45.6	45.8	46.0	46.2
60°	45.2	45.6	46.0	46.4	46.7	47.0	47.3	47.6	47.8	48.0	48.2
58.75°	47.1	47.5	47.9	48.2	48.6	48.9	49.2	49.5	49.7	50.0	50.2
57.5°	48.9	49.3	49.7	50.1	50.5	50.8	51.1	51.4	51.7	51.9	52.1
56.25°	50.7	51.2	51.6	52.0	52.4	52.7	53.1	53.4	53.6	53.9	54.1
55°	52.5	53.0	53.4	53.9	54.3	54.6	55.0	55.3	55.6	55.8	56.1
53.75°	54.3	54.8	55.3	55.7	56.1	56.5	56.9	57.0	57.2	57.4	57.5
52.5°	56.1	56.6	57.0	57.3	57.5	57.8	58.0	58.2	58.4	58.6	58.7
51.25°	57.5	57.8	58.1	58.4	58.7	58.9	59.1	59.3	59.3	59.4	59.4
50°	58.5	58.9	59.2	59.3	59.4	59.5	59.6	59.6	59.7	59.8	59.8
48.75°	59.3	59.5	59.6	59.7	59.8	59.9	59.9	60.0	60.2	60.3	60.4
47.5°	59.7	59.8	59.9	60.1	60.3	60.5	60.6	60.8	61.0	61.1	61.2
46.25°	60.1	60.3	60.6	60.8	61.0	61.2	61.4	61.6	61.7	61.7	61.8
45°	60.8	61.1	61.3	61.5	61.7	61.8	61.9	62.0	62.1	62.1	62.2
43.75°	61.5	61.7	61.8	61.9	62.1	62.2	62.3	62.4	62.5	62.6	62.8
42.5°	61.9	62.0	62.2	62.3	62.4	62.7	62.9	63.1	63.2	63.4	63.5
41.25°	62.2	62.4	62.7	62.9	63.2	63.4	63.6	63.8	64.0	64.2	64.3
40°	62.8	63.1	63.4	63.6	63.9	64.2	64.4	64.6	64.8	65.0	65.2
38.75°	63.4	63.8	64.1	64.4	64.7	64.9	65.2	65.4	65.6	65.9	66.2
37.5°	64.1	64.5	64.8	65.1	65.4	65.7	66.2	66.7	67.1	67.5	67.8
36.25°	64.8	65.2	65.6	66.1	66.6	67.2	67.7	68.2	68.6	69.2	70.0
35°	65.5	66.1	66.8	67.5	68.1	68.6	69.6	70.8	72.0	73.0	73.9



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	66.7	67.5	68.2	68.9	70.4	71.9	73.3	74.6	75.7	76.8	79.4
32.5°	68.0	68.8	70.5	72.3	73.9	75.5	77.0	80.9	84.4	87.6	90.5
31.25°	69.9	71.9	73.9	75.7	78.4	83.1	87.5	91.6	95.3	98.7	101.8
30°	73.1	75.2	77.7	83.2	88.5	93.4	97.9	102.3	106.5	110.3	113.6
28.75°	76.3	81.3	87.3	93.0	98.4	103.8	108.9	113.6	118.0	121.9	125.6
27.5°	84.0	90.5	96.7	102.8	108.9	114.6	119.9	124.9	130.7	136.1	145.7
26.25°	92.8	99.5	106.4	113.0	119.3	125.3	132.5	141.6	157.3	173.1	201.1
25°	101.5	108.9	116.1	123.0	130.9	140.8	160.1	186.9	222.9	260.6	300.5
23.75°	110.5	118.2	125.9	135.2	153.8	180.8	224.5	273.9	325.2	377.7	427.0
22.5°	119.3	128.0	138.6	163.2	205.8	258.9	321.1	386.4	449.5	509.2	563.1
21.25°	128.8	142.3	168.9	222.7	288.3	360.4	436.8	510.4	579.4	643.7	700.8
20°	142.3	171.1	231.2	306.1	389.0	474.2	557.1	636.2	708.6	771.5	824.8
18.75°	168.9	231.2	312.0	403.3	497.2	589.0	677.6	755.8	824.5	882.3	930.2
17.5°	222.7	306.1	403.3	504.9	605.2	701.8	787.8	860.4	923.0	976.6	1033.2
16.25°	288.3	389.0	497.2	605.2	709.6	803.7	882.2	949.4	1015.7	1083.0	1165.2
15°	360.4	474.2	589.0	701.8	803.7	889.5	962.7	1040.3	1128.4	1225.6	1338.4
13.75°	436.8	557.1	677.6	787.8	882.2	962.7	1048.6	1151.5	1272.0	1404.8	1552.2
12.5°	510.4	636.2	755.8	860.4	949.4	1040.3	1151.5	1287.6	1444.9	1617.0	1810.7
11.25°	579.4	708.6	824.5	923.0	1015.7	1128.4	1272.0	1444.9	1643.1	1865.4	2094.0
10°	643.7	771.5	882.3	976.6	1083.0	1225.6	1404.8	1617.0	1865.4	2126.2	2390.8
8.75°	700.8	824.8	930.2	1033.2	1165.2	1338.4	1552.2	1810.7	2094.0	2390.8	2684.6
7.5°	748.3	868.7	971.0	1084.9	1244.5	1450.2	1703.4	1998.9	2316.5	2643.1	2972.0
6.25°	789.2	905.5	1010.6	1144.9	1327.0	1558.7	1847.2	2171.7	2521.3	2877.5	3241.7
5°	820.4	933.1	1045.5	1195.1	1396.9	1660.1	1979.3	2331.0	2701.7	3089.7	3480.1
3.75°	843.7	954.8	1073.1	1239.3	1464.3	1749.7	2086.7	2459.1	2851.2	3264.9	3674.0
2.5°	860.5	970.5	1096.2	1276.3	1513.2	1814.9	2166.0	2556.1	2966.6	3396.0	3819.4
1.25°	870.7	980.0	1112.4	1298.7	1542.8	1854.5	2218.2	2615.6	3037.4	3476.9	3909.4
0°	874.1	983.2	1117.8	1306.2	1552.8	1867.8	2235.8	2635.7	3061.4	3504.3	3939.9
-1.25°	870.7	980.0	1112.4	1298.7	1542.8	1854.5	2218.2	2615.6	3037.4	3476.9	3909.4
-2.5°	860.5	970.5	1096.2	1276.3	1513.2	1814.9	2166.0	2556.1	2966.6	3396.0	3819.4
-3.75°	843.7	954.8	1073.1	1239.3	1464.3	1749.7	2086.7	2459.1	2851.2	3264.9	3674.0
-5°	820.4	933.1	1045.5	1195.1	1396.9	1660.1	1979.3	2331.0	2701.7	3089.7	3480.1
-6.25°	789.2	905.5	1010.6	1144.9	1327.0	1558.7	1847.2	2171.7	2521.3	2877.5	3241.7
-7.5°	748.3	868.7	971.0	1084.9	1244.5	1450.2	1703.4	1998.9	2316.5	2643.1	2972.0
-8.75°	700.8	824.8	930.2	1033.2	1165.2	1338.4	1552.2	1810.7	2094.0	2390.8	2684.6
-10°	643.7	771.5	882.3	976.6	1083.0	1225.6	1404.8	1617.0	1865.4	2126.2	2390.8
-11.25°	579.4	708.6	824.5	923.0	1015.7	1128.4	1272.0	1444.9	1643.1	1865.4	2094.0
-12.5°	510.4	636.2	755.8	860.4	949.4	1040.3	1151.5	1287.6	1444.9	1617.0	1810.7
-13.75°	436.8	557.1	677.6	787.8	882.2	962.7	1048.6	1151.5	1272.0	1404.8	1552.2
-15°	360.4	474.2	589.0	701.8	803.7	889.5	962.7	1040.3	1128.4	1225.6	1338.4
-16.25°	288.3	389.0	497.2	605.2	709.6	803.7	882.2	949.4	1015.7	1083.0	1165.2
-17.5°	222.7	306.1	403.3	504.9	605.2	701.8	787.8	860.4	923.0	976.6	1033.2
-18.75°	168.9	231.2	312.0	403.3	497.2	589.0	677.6	755.8	824.5	882.3	930.2
-20°	142.3	171.1	231.2	306.1	389.0	474.2	557.1	636.2	708.6	771.5	824.8
-21.25°	128.8	142.3	168.9	222.7	288.3	360.4	436.8	510.4	579.4	643.7	700.8



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	119.3	128.0	138.6	163.2	205.8	258.9	321.1	386.4	449.5	509.2	563.1
-23.75°	110.5	118.2	125.9	135.2	153.8	180.8	224.5	273.9	325.2	377.7	427.0
-25°	101.5	108.9	116.1	123.0	130.9	140.8	160.1	186.9	222.9	260.6	300.5
-26.25°	92.8	99.5	106.4	113.0	119.3	125.3	132.5	141.6	157.3	173.1	201.1
-27.5°	84.0	90.5	96.7	102.8	108.9	114.6	119.9	124.9	130.7	136.1	145.7
-28.75°	76.3	81.3	87.3	93.0	98.4	103.8	108.9	113.6	118.0	121.9	125.6
-30°	73.1	75.2	77.7	83.2	88.5	93.4	97.9	102.3	106.5	110.3	113.6
-31.25°	69.9	71.9	73.9	75.7	78.4	83.1	87.5	91.6	95.3	98.7	101.8
-32.5°	68.0	68.8	70.5	72.3	73.9	75.5	77.0	80.9	84.4	87.6	90.5
-33.75°	66.7	67.5	68.2	68.9	70.4	71.9	73.3	74.6	75.7	76.8	79.4
-35°	65.5	66.1	66.8	67.5	68.1	68.6	69.6	70.8	72.0	73.0	73.9
-36.25°	64.8	65.2	65.6	66.1	66.6	67.2	67.7	68.2	68.6	69.2	70.0
-37.5°	64.1	64.5	64.8	65.1	65.4	65.7	66.2	66.7	67.1	67.5	67.8
-38.75°	63.4	63.8	64.1	64.4	64.7	64.9	65.2	65.4	65.6	65.9	66.2
-40°	62.8	63.1	63.4	63.6	63.9	64.2	64.4	64.6	64.8	65.0	65.2
-41.25°	62.2	62.4	62.7	62.9	63.2	63.4	63.6	63.8	64.0	64.2	64.3
-42.5°	61.9	62.0	62.2	62.3	62.4	62.7	62.9	63.1	63.2	63.4	63.5
-43.75°	61.5	61.7	61.8	61.9	62.1	62.2	62.3	62.4	62.5	62.6	62.8
-45°	60.8	61.1	61.3	61.5	61.7	61.8	61.9	62.0	62.1	62.1	62.2
-46.25°	60.1	60.3	60.6	60.8	61.0	61.2	61.4	61.6	61.7	61.7	61.8
-47.5°	59.7	59.8	59.9	60.1	60.3	60.5	60.6	60.8	61.0	61.1	61.2
-48.75°	59.3	59.5	59.6	59.7	59.8	59.9	59.9	60.0	60.2	60.3	60.4
-50°	58.5	58.9	59.2	59.3	59.4	59.5	59.6	59.6	59.7	59.8	59.8
-51.25°	57.5	57.8	58.1	58.4	58.7	58.9	59.1	59.3	59.3	59.4	59.4
-52.5°	56.1	56.6	57.0	57.3	57.5	57.8	58.0	58.2	58.4	58.6	58.7
-53.75°	54.3	54.8	55.3	55.7	56.1	56.5	56.9	57.0	57.2	57.4	57.5
-55°	52.5	53.0	53.4	53.9	54.3	54.6	55.0	55.3	55.6	55.8	56.1
-56.25°	50.7	51.2	51.6	52.0	52.4	52.7	53.1	53.4	53.6	53.9	54.1
-57.5°	48.9	49.3	49.7	50.1	50.5	50.8	51.1	51.4	51.7	51.9	52.1
-58.75°	47.1	47.5	47.9	48.2	48.6	48.9	49.2	49.5	49.7	50.0	50.2
-60°	45.2	45.6	46.0	46.4	46.7	47.0	47.3	47.6	47.8	48.0	48.2
-61.25°	42.9	43.4	43.9	44.4	44.8	45.1	45.4	45.6	45.8	46.0	46.2
-62.5°	40.3	40.8	41.3	41.7	42.1	42.5	42.9	43.2	43.5	43.8	44.0
-63.75°	37.3	37.9	38.5	39.1	39.5	39.9	40.2	40.5	40.8	41.0	41.3
-65°	34.0	34.6	35.1	35.7	36.1	36.6	37.0	37.4	37.7	38.0	38.3
-66.25°	31.0	31.4	31.8	32.3	32.7	33.1	33.5	33.9	34.2	34.5	34.8
-67.5°	28.4	28.8	29.2	29.5	29.9	30.2	30.5	30.7	31.0	31.2	31.4
-68.75°	25.8	26.2	26.6	26.9	27.2	27.5	27.8	28.0	28.2	28.4	28.6
-70°	23.2	23.6	23.9	24.2	24.5	24.8	25.1	25.3	25.5	25.7	25.9
-71.25°	20.7	21.0	21.3	21.6	21.9	22.1	22.4	22.6	22.8	22.9	23.1
-72.5°	19.2	19.4	19.6	19.7	19.9	20.0	20.1	20.3	20.4	20.4	20.5
-73.75°	17.8	17.9	18.1	18.2	18.3	18.5	18.6	18.7	18.8	18.9	19.0
-75°	16.9	17.0	17.1	17.1	17.2	17.3	17.3	17.4	17.4	17.5	17.5
-76.25°	16.2	16.3	16.3	16.4	16.4	16.5	16.5	16.6	16.6	16.7	16.7
-77.5°	15.2	15.3	15.4	15.4	15.5	15.6	15.7	15.7	15.8	15.8	15.9



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
-78.75°	14.1	14.1	14.2	14.3	14.4	14.4	14.5	14.5	14.6	14.6	14.7
-80°	12.5	12.6	12.7	12.9	13.0	13.0	13.1	13.2	13.3	13.4	13.4
-81.25°	10.6	10.7	10.9	10.9	11.0	11.1	11.2	11.3	11.3	11.4	11.4
-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°	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
-86.25°	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7
-87.5°	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
86.25°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
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°	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5
80°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
78.75°	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
77.5°	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
76.25°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
75°	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
73.75°	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
72.5°	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7
71.25°	23.2	23.3	23.4	23.5	23.6	23.6	23.6	23.6	23.6	23.5	23.4
70°	26.0	26.1	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.3	26.2
68.75°	28.8	28.9	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.1	29.0
67.5°	31.5	31.7	31.8	31.9	31.9	32.0	32.0	32.0	31.9	31.9	31.8
66.25°	35.0	35.2	35.3	35.4	35.5	35.6	35.6	35.6	35.5	35.4	35.3
65°	38.5	38.7	38.9	39.0	39.1	39.2	39.2	39.2	39.1	39.0	38.9
63.75°	41.5	41.6	41.8	41.9	41.9	42.0	42.0	42.0	41.9	41.9	41.8
62.5°	44.2	44.4	44.5	44.7	44.7	44.8	44.8	44.8	44.7	44.7	44.5
61.25°	46.4	46.5	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.7	46.6
60°	48.3	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.7	48.7	48.6
58.75°	50.3	50.5	50.6	50.7	50.7	50.8	50.8	50.8	50.7	50.7	50.6
57.5°	52.3	52.5	52.6	52.7	52.7	52.8	52.8	52.8	52.7	52.7	52.6
56.25°	54.3	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.7	54.7	54.6
55°	56.3	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.7	56.7	56.6
53.75°	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	57.9	57.8
52.5°	58.8	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.1	59.0
51.25°	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.5
50°	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.9
48.75°	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.7	60.7
47.5°	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.5	61.5
46.25°	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	61.9
45°	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.3
43.75°	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.1	63.1
42.5°	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	63.9	63.8
41.25°	64.5	64.6	64.7	64.8	64.8	64.8	64.9	64.8	64.8	64.8	64.7
40°	65.3	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.6	65.5
38.75°	66.5	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.2	67.1	67.0
37.5°	68.1	68.3	68.5	68.7	68.8	68.9	68.9	68.9	68.8	68.7	68.5
36.25°	70.8	71.4	72.0	72.4	72.7	72.8	72.9	72.8	72.7	72.4	72.0
35°	74.7	75.4	75.9	76.3	76.7	76.8	76.9	76.8	76.7	76.3	75.9



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
33.75°	81.8	83.8	85.5	86.8	87.7	88.3	88.5	88.3	87.7	86.8	85.5
32.5°	93.0	95.2	96.9	98.3	99.3	99.9	100.1	99.9	99.3	98.3	96.9
31.25°	104.6	107.0	109.0	110.5	111.6	112.3	112.5	112.3	111.6	110.5	109.0
30°	116.6	119.1	121.2	122.8	124.0	124.7	124.9	124.7	124.0	122.8	121.2
28.75°	129.6	133.0	135.8	138.6	142.6	145.1	145.9	145.1	142.6	138.6	135.8
27.5°	156.5	165.7	176.5	189.4	198.7	204.3	206.2	204.3	198.7	189.4	176.5
26.25°	225.6	248.4	272.0	290.5	303.8	311.8	314.5	311.8	303.8	290.5	272.0
25°	335.7	370.4	399.6	422.6	439.0	449.0	452.3	449.0	439.0	422.6	399.6
23.75°	471.1	509.7	541.7	566.8	585.2	596.3	600.0	596.3	585.2	566.8	541.7
22.5°	611.4	653.1	687.6	713.0	731.1	742.1	745.8	742.1	731.1	713.0	687.6
21.25°	748.3	789.2	820.4	843.7	860.5	870.7	874.1	870.7	860.5	843.7	820.4
20°	868.7	905.5	933.1	954.8	970.5	980.0	983.2	980.0	970.5	954.8	933.1
18.75°	971.0	1010.6	1045.5	1073.1	1096.2	1112.4	1117.8	1112.4	1096.2	1073.1	1045.5
17.5°	1084.9	1144.9	1195.1	1239.3	1276.3	1298.7	1306.2	1298.7	1276.3	1239.3	1195.1
16.25°	1244.5	1327.0	1396.9	1464.3	1513.2	1542.8	1552.8	1542.8	1513.2	1464.3	1396.9
15°	1450.2	1558.7	1660.1	1749.7	1814.9	1854.5	1867.8	1854.5	1814.9	1749.7	1660.1
13.75°	1703.4	1847.2	1979.3	2086.7	2166.0	2218.2	2235.8	2218.2	2166.0	2086.7	1979.3
12.5°	1998.9	2171.7	2331.0	2459.1	2556.1	2615.6	2635.7	2615.6	2556.1	2459.1	2331.0
11.25°	2316.5	2521.3	2701.7	2851.2	2966.6	3037.4	3061.4	3037.4	2966.6	2851.2	2701.7
10°	2643.1	2877.5	3089.7	3264.9	3396.0	3476.9	3504.3	3476.9	3396.0	3264.9	3089.7
8.75°	2972.0	3241.7	3480.1	3674.0	3819.4	3909.4	3939.9	3909.4	3819.4	3674.0	3480.1
7.5°	3294.1	3591.1	3851.3	4067.6	4229.8	4325.1	4357.8	4325.1	4229.8	4067.6	3851.3
6.25°	3591.1	3912.2	4199.9	4426.0	4589.0	4684.9	4718.1	4684.9	4589.0	4426.0	4199.9
5°	3851.3	4199.9	4495.2	4718.8	4885.1	4990.7	5027.9	4990.7	4885.1	4718.8	4495.2
3.75°	4067.6	4426.0	4718.8	4954.8	5123.6	5229.7	5264.5	5229.7	5123.6	4954.8	4718.8
2.5°	4229.8	4589.0	4885.1	5123.6	5301.3	5415.5	5447.8	5415.5	5301.3	5123.6	4885.1
1.25°	4325.1	4684.9	4990.7	5229.7	5415.5	5522.1	5565.7	5522.1	5415.5	5229.7	4990.7
0°	4357.8	4718.1	5027.9	5264.5	5447.8	5565.7	5649.2	5565.7	5447.8	5264.5	5027.9
-1.25°	4325.1	4684.9	4990.7	5229.7	5415.5	5522.1	5565.7	5522.1	5415.5	5229.7	4990.7
-2.5°	4229.8	4589.0	4885.1	5123.6	5301.3	5415.5	5447.8	5415.5	5301.3	5123.6	4885.1
-3.75°	4067.6	4426.0	4718.8	4954.8	5123.6	5229.7	5264.5	5229.7	5123.6	4954.8	4718.8
-5°	3851.3	4199.9	4495.2	4718.8	4885.1	4990.7	5027.9	4990.7	4885.1	4718.8	4495.2
-6.25°	3591.1	3912.2	4199.9	4426.0	4589.0	4684.9	4718.1	4684.9	4589.0	4426.0	4199.9
-7.5°	3294.1	3591.1	3851.3	4067.6	4229.8	4325.1	4357.8	4325.1	4229.8	4067.6	3851.3
-8.75°	2972.0	3241.7	3480.1	3674.0	3819.4	3909.4	3939.9	3909.4	3819.4	3674.0	3480.1
-10°	2643.1	2877.5	3089.7	3264.9	3396.0	3476.9	3504.3	3476.9	3396.0	3264.9	3089.7
-11.25°	2316.5	2521.3	2701.7	2851.2	2966.6	3037.4	3061.4	3037.4	2966.6	2851.2	2701.7
-12.5°	1998.9	2171.7	2331.0	2459.1	2556.1	2615.6	2635.7	2615.6	2556.1	2459.1	2331.0
-13.75°	1703.4	1847.2	1979.3	2086.7	2166.0	2218.2	2235.8	2218.2	2166.0	2086.7	1979.3
-15°	1450.2	1558.7	1660.1	1749.7	1814.9	1854.5	1867.8	1854.5	1814.9	1749.7	1660.1
-16.25°	1244.5	1327.0	1396.9	1464.3	1513.2	1542.8	1552.8	1542.8	1513.2	1464.3	1396.9
-17.5°	1084.9	1144.9	1195.1	1239.3	1276.3	1298.7	1306.2	1298.7	1276.3	1239.3	1195.1
-18.75°	971.0	1010.6	1045.5	1073.1	1096.2	1112.4	1117.8	1112.4	1096.2	1073.1	1045.5
-20°	868.7	905.5	933.1	954.8	970.5	980.0	983.2	980.0	970.5	954.8	933.1
-21.25°	748.3	789.2	820.4	843.7	860.5	870.7	874.1	870.7	860.5	843.7	820.4



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
-22.5°	611.4	653.1	687.6	713.0	731.1	742.1	745.8	742.1	731.1	713.0	687.6
-23.75°	471.1	509.7	541.7	566.8	585.2	596.3	600.0	596.3	585.2	566.8	541.7
-25°	335.7	370.4	399.6	422.6	439.0	449.0	452.3	449.0	439.0	422.6	399.6
-26.25°	225.6	248.4	272.0	290.5	303.8	311.8	314.5	311.8	303.8	290.5	272.0
-27.5°	156.5	165.7	176.5	189.4	198.7	204.3	206.2	204.3	198.7	189.4	176.5
-28.75°	129.6	133.0	135.8	138.6	142.6	145.1	145.9	145.1	142.6	138.6	135.8
-30°	116.6	119.1	121.2	122.8	124.0	124.7	124.9	124.7	124.0	122.8	121.2
-31.25°	104.6	107.0	109.0	110.5	111.6	112.3	112.5	112.3	111.6	110.5	109.0
-32.5°	93.0	95.2	96.9	98.3	99.3	99.9	100.1	99.9	99.3	98.3	96.9
-33.75°	81.8	83.8	85.5	86.8	87.7	88.3	88.5	88.3	87.7	86.8	85.5
-35°	74.7	75.4	75.9	76.3	76.7	76.8	76.9	76.8	76.7	76.3	75.9
-36.25°	70.8	71.4	72.0	72.4	72.7	72.8	72.9	72.8	72.7	72.4	72.0
-37.5°	68.1	68.3	68.5	68.7	68.8	68.9	68.9	68.9	68.8	68.7	68.5
-38.75°	66.5	66.8	67.0	67.1	67.2	67.3	67.3	67.3	67.2	67.1	67.0
-40°	65.3	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.6	65.5
-41.25°	64.5	64.6	64.7	64.8	64.8	64.8	64.9	64.8	64.8	64.8	64.7
-42.5°	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	63.9	63.8
-43.75°	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.1	63.1
-45°	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.3
-46.25°	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	61.9
-47.5°	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.5	61.5
-48.75°	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.7	60.7
-50°	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.9
-51.25°	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.5
-52.5°	58.8	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.1	59.0
-53.75°	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	57.9	57.8
-55°	56.3	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.7	56.7	56.6
-56.25°	54.3	54.4	54.6	54.7	54.7	54.8	54.8	54.8	54.7	54.7	54.6
-57.5°	52.3	52.5	52.6	52.7	52.7	52.8	52.8	52.8	52.7	52.7	52.6
-58.75°	50.3	50.5	50.6	50.7	50.7	50.8	50.8	50.8	50.7	50.7	50.6
-60°	48.3	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.7	48.7	48.6
-61.25°	46.4	46.5	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.7	46.6
-62.5°	44.2	44.4	44.5	44.7	44.7	44.8	44.8	44.8	44.7	44.7	44.5
-63.75°	41.5	41.6	41.8	41.9	41.9	42.0	42.0	42.0	41.9	41.9	41.8
-65°	38.5	38.7	38.9	39.0	39.1	39.2	39.2	39.2	39.1	39.0	38.9
-66.25°	35.0	35.2	35.3	35.4	35.5	35.6	35.6	35.6	35.5	35.4	35.3
-67.5°	31.5	31.7	31.8	31.9	31.9	32.0	32.0	32.0	31.9	31.9	31.8
-68.75°	28.8	28.9	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.1	29.0
-70°	26.0	26.1	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.3	26.2
-71.25°	23.2	23.3	23.4	23.5	23.6	23.6	23.6	23.6	23.6	23.5	23.4
-72.5°	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7
-73.75°	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
-75°	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
-76.25°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
-77.5°	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
-78.75°	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
-80°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
-81.25°	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5
-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
-87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
-88.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
87.5°	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.0
86.25°	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.5
85°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.1
83.75°	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.6	7.6
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°	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.9
80°	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.0	13.0	12.9	12.7
78.75°	14.7	14.7	14.7	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2
77.5°	15.9	15.9	15.9	15.8	15.8	15.7	15.7	15.6	15.5	15.4	15.4
76.25°	16.7	16.7	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.4	16.3
75°	17.5	17.5	17.5	17.5	17.4	17.4	17.3	17.3	17.2	17.1	17.1
73.75°	19.1	19.0	19.0	18.9	18.8	18.7	18.6	18.5	18.3	18.2	18.1
72.5°	20.7	20.6	20.5	20.4	20.4	20.3	20.1	20.0	19.9	19.7	19.6
71.25°	23.3	23.2	23.1	22.9	22.8	22.6	22.4	22.1	21.9	21.6	21.3
70°	26.1	26.0	25.9	25.7	25.5	25.3	25.1	24.8	24.5	24.2	23.9
68.75°	28.9	28.8	28.6	28.4	28.2	28.0	27.8	27.5	27.2	26.9	26.6
67.5°	31.7	31.5	31.4	31.2	31.0	30.7	30.5	30.2	29.9	29.5	29.2
66.25°	35.2	35.0	34.8	34.5	34.2	33.9	33.5	33.1	32.7	32.3	31.8
65°	38.7	38.5	38.3	38.0	37.7	37.4	37.0	36.6	36.1	35.7	35.1
63.75°	41.6	41.5	41.3	41.0	40.8	40.5	40.2	39.9	39.5	39.1	38.5
62.5°	44.4	44.2	44.0	43.8	43.5	43.2	42.9	42.5	42.1	41.7	41.3
61.25°	46.5	46.4	46.2	46.0	45.8	45.6	45.4	45.1	44.8	44.4	43.9
60°	48.5	48.3	48.2	48.0	47.8	47.6	47.3	47.0	46.7	46.4	46.0
58.75°	50.5	50.3	50.2	50.0	49.7	49.5	49.2	48.9	48.6	48.2	47.9
57.5°	52.5	52.3	52.1	51.9	51.7	51.4	51.1	50.8	50.5	50.1	49.7
56.25°	54.4	54.3	54.1	53.9	53.6	53.4	53.1	52.7	52.4	52.0	51.6
55°	56.4	56.3	56.1	55.8	55.6	55.3	55.0	54.6	54.3	53.9	53.4
53.75°	57.8	57.7	57.5	57.4	57.2	57.0	56.9	56.5	56.1	55.7	55.3
52.5°	58.9	58.8	58.7	58.6	58.4	58.2	58.0	57.8	57.5	57.3	57.0
51.25°	59.5	59.5	59.4	59.4	59.3	59.3	59.1	58.9	58.7	58.4	58.1
50°	59.9	59.9	59.8	59.8	59.7	59.6	59.6	59.5	59.4	59.3	59.2
48.75°	60.6	60.5	60.4	60.3	60.2	60.0	59.9	59.9	59.8	59.7	59.6
47.5°	61.4	61.3	61.2	61.1	61.0	60.8	60.6	60.5	60.3	60.1	59.9
46.25°	61.9	61.9	61.8	61.7	61.7	61.6	61.4	61.2	61.0	60.8	60.6
45°	62.3	62.2	62.2	62.1	62.1	62.0	61.9	61.8	61.7	61.5	61.3
43.75°	63.0	62.9	62.8	62.6	62.5	62.4	62.3	62.2	62.1	61.9	61.8
42.5°	63.8	63.7	63.5	63.4	63.2	63.1	62.9	62.7	62.4	62.3	62.2
41.25°	64.6	64.5	64.3	64.2	64.0	63.8	63.6	63.4	63.2	62.9	62.7
40°	65.4	65.3	65.2	65.0	64.8	64.6	64.4	64.2	63.9	63.6	63.4
38.75°	66.8	66.5	66.2	65.9	65.6	65.4	65.2	64.9	64.7	64.4	64.1
37.5°	68.3	68.1	67.8	67.5	67.1	66.7	66.2	65.7	65.4	65.1	64.8
36.25°	71.4	70.8	70.0	69.2	68.6	68.2	67.7	67.2	66.6	66.1	65.6
35°	75.4	74.7	73.9	73.0	72.0	70.8	69.6	68.6	68.1	67.5	66.8



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
33.75°	83.8	81.8	79.4	76.8	75.7	74.6	73.3	71.9	70.4	68.9	68.2
32.5°	95.2	93.0	90.5	87.6	84.4	80.9	77.0	75.5	73.9	72.3	70.5
31.25°	107.0	104.6	101.8	98.7	95.3	91.6	87.5	83.1	78.4	75.7	73.9
30°	119.1	116.6	113.6	110.3	106.5	102.3	97.9	93.4	88.5	83.2	77.7
28.75°	133.0	129.6	125.6	121.9	118.0	113.6	108.9	103.8	98.4	93.0	87.3
27.5°	165.7	156.5	145.7	136.1	130.7	124.9	119.9	114.6	108.9	102.8	96.7
26.25°	248.4	225.6	201.1	173.1	157.3	141.6	132.5	125.3	119.3	113.0	106.4
25°	370.4	335.7	300.5	260.6	222.9	186.9	160.1	140.8	130.9	123.0	116.1
23.75°	509.7	471.1	427.0	377.7	325.2	273.9	224.5	180.8	153.8	135.2	125.9
22.5°	653.1	611.4	563.1	509.2	449.5	386.4	321.1	258.9	205.8	163.2	138.6
21.25°	789.2	748.3	700.8	643.7	579.4	510.4	436.8	360.4	288.3	222.7	168.9
20°	905.5	868.7	824.8	771.5	708.6	636.2	557.1	474.2	389.0	306.1	231.2
18.75°	1010.6	971.0	930.2	882.3	824.5	755.8	677.6	589.0	497.2	403.3	312.0
17.5°	1144.9	1084.9	1033.2	976.6	923.0	860.4	787.8	701.8	605.2	504.9	403.3
16.25°	1327.0	1244.5	1165.2	1083.0	1015.7	949.4	882.2	803.7	709.6	605.2	497.2
15°	1558.7	1450.2	1338.4	1225.6	1128.4	1040.3	962.7	889.5	803.7	701.8	589.0
13.75°	1847.2	1703.4	1552.2	1404.8	1272.0	1151.5	1048.6	962.7	882.2	787.8	677.6
12.5°	2171.7	1998.9	1810.7	1617.0	1444.9	1287.6	1151.5	1040.3	949.4	860.4	755.8
11.25°	2521.3	2316.5	2094.0	1865.4	1643.1	1444.9	1272.0	1128.4	1015.7	923.0	824.5
10°	2877.5	2643.1	2390.8	2126.2	1865.4	1617.0	1404.8	1225.6	1083.0	976.6	882.3
8.75°	3241.7	2972.0	2684.6	2390.8	2094.0	1810.7	1552.2	1338.4	1165.2	1033.2	930.2
7.5°	3591.1	3294.1	2972.0	2643.1	2316.5	1998.9	1703.4	1450.2	1244.5	1084.9	971.0
6.25°	3912.2	3591.1	3241.7	2877.5	2521.3	2171.7	1847.2	1558.7	1327.0	1144.9	1010.6
5°	4199.9	3851.3	3480.1	3089.7	2701.7	2331.0	1979.3	1660.1	1396.9	1195.1	1045.5
3.75°	4426.0	4067.6	3674.0	3264.9	2851.2	2459.1	2086.7	1749.7	1464.3	1239.3	1073.1
2.5°	4589.0	4229.8	3819.4	3396.0	2966.6	2556.1	2166.0	1814.9	1513.2	1276.3	1096.2
1.25°	4684.9	4325.1	3909.4	3476.9	3037.4	2615.6	2218.2	1854.5	1542.8	1298.7	1112.4
0°	4718.1	4357.8	3939.9	3504.3	3061.4	2635.7	2235.8	1867.8	1552.8	1306.2	1117.8
-1.25°	4684.9	4325.1	3909.4	3476.9	3037.4	2615.6	2218.2	1854.5	1542.8	1298.7	1112.4
-2.5°	4589.0	4229.8	3819.4	3396.0	2966.6	2556.1	2166.0	1814.9	1513.2	1276.3	1096.2
-3.75°	4426.0	4067.6	3674.0	3264.9	2851.2	2459.1	2086.7	1749.7	1464.3	1239.3	1073.1
-5°	4199.9	3851.3	3480.1	3089.7	2701.7	2331.0	1979.3	1660.1	1396.9	1195.1	1045.5
-6.25°	3912.2	3591.1	3241.7	2877.5	2521.3	2171.7	1847.2	1558.7	1327.0	1144.9	1010.6
-7.5°	3591.1	3294.1	2972.0	2643.1	2316.5	1998.9	1703.4	1450.2	1244.5	1084.9	971.0
-8.75°	3241.7	2972.0	2684.6	2390.8	2094.0	1810.7	1552.2	1338.4	1165.2	1033.2	930.2
-10°	2877.5	2643.1	2390.8	2126.2	1865.4	1617.0	1404.8	1225.6	1083.0	976.6	882.3
-11.25°	2521.3	2316.5	2094.0	1865.4	1643.1	1444.9	1272.0	1128.4	1015.7	923.0	824.5
-12.5°	2171.7	1998.9	1810.7	1617.0	1444.9	1287.6	1151.5	1040.3	949.4	860.4	755.8
-13.75°	1847.2	1703.4	1552.2	1404.8	1272.0	1151.5	1048.6	962.7	882.2	787.8	677.6
-15°	1558.7	1450.2	1338.4	1225.6	1128.4	1040.3	962.7	889.5	803.7	701.8	589.0
-16.25°	1327.0	1244.5	1165.2	1083.0	1015.7	949.4	882.2	803.7	709.6	605.2	497.2
-17.5°	1144.9	1084.9	1033.2	976.6	923.0	860.4	787.8	701.8	605.2	504.9	403.3
-18.75°	1010.6	971.0	930.2	882.3	824.5	755.8	677.6	589.0	497.2	403.3	312.0
-20°	905.5	868.7	824.8	771.5	708.6	636.2	557.1	474.2	389.0	306.1	231.2
-21.25°	789.2	748.3	700.8	643.7	579.4	510.4	436.8	360.4	288.3	222.7	168.9



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	653.1	611.4	563.1	509.2	449.5	386.4	321.1	258.9	205.8	163.2	138.6
-23.75°	509.7	471.1	427.0	377.7	325.2	273.9	224.5	180.8	153.8	135.2	125.9
-25°	370.4	335.7	300.5	260.6	222.9	186.9	160.1	140.8	130.9	123.0	116.1
-26.25°	248.4	225.6	201.1	173.1	157.3	141.6	132.5	125.3	119.3	113.0	106.4
-27.5°	165.7	156.5	145.7	136.1	130.7	124.9	119.9	114.6	108.9	102.8	96.7
-28.75°	133.0	129.6	125.6	121.9	118.0	113.6	108.9	103.8	98.4	93.0	87.3
-30°	119.1	116.6	113.6	110.3	106.5	102.3	97.9	93.4	88.5	83.2	77.7
-31.25°	107.0	104.6	101.8	98.7	95.3	91.6	87.5	83.1	78.4	75.7	73.9
-32.5°	95.2	93.0	90.5	87.6	84.4	80.9	77.0	75.5	73.9	72.3	70.5
-33.75°	83.8	81.8	79.4	76.8	75.7	74.6	73.3	71.9	70.4	68.9	68.2
-35°	75.4	74.7	73.9	73.0	72.0	70.8	69.6	68.6	68.1	67.5	66.8
-36.25°	71.4	70.8	70.0	69.2	68.6	68.2	67.7	67.2	66.6	66.1	65.6
-37.5°	68.3	68.1	67.8	67.5	67.1	66.7	66.2	65.7	65.4	65.1	64.8
-38.75°	66.8	66.5	66.2	65.9	65.6	65.4	65.2	64.9	64.7	64.4	64.1
-40°	65.4	65.3	65.2	65.0	64.8	64.6	64.4	64.2	63.9	63.6	63.4
-41.25°	64.6	64.5	64.3	64.2	64.0	63.8	63.6	63.4	63.2	62.9	62.7
-42.5°	63.8	63.7	63.5	63.4	63.2	63.1	62.9	62.7	62.4	62.3	62.2
-43.75°	63.0	62.9	62.8	62.6	62.5	62.4	62.3	62.2	62.1	61.9	61.8
-45°	62.3	62.2	62.2	62.1	62.1	62.0	61.9	61.8	61.7	61.5	61.3
-46.25°	61.9	61.9	61.8	61.7	61.7	61.6	61.4	61.2	61.0	60.8	60.6
-47.5°	61.4	61.3	61.2	61.1	61.0	60.8	60.6	60.5	60.3	60.1	59.9
-48.75°	60.6	60.5	60.4	60.3	60.2	60.0	59.9	59.9	59.8	59.7	59.6
-50°	59.9	59.9	59.8	59.8	59.7	59.6	59.6	59.5	59.4	59.3	59.2
-51.25°	59.5	59.5	59.4	59.4	59.3	59.3	59.1	58.9	58.7	58.4	58.1
-52.5°	58.9	58.8	58.7	58.6	58.4	58.2	58.0	57.8	57.5	57.3	57.0
-53.75°	57.8	57.7	57.5	57.4	57.2	57.0	56.9	56.5	56.1	55.7	55.3
-55°	56.4	56.3	56.1	55.8	55.6	55.3	55.0	54.6	54.3	53.9	53.4
-56.25°	54.4	54.3	54.1	53.9	53.6	53.4	53.1	52.7	52.4	52.0	51.6
-57.5°	52.5	52.3	52.1	51.9	51.7	51.4	51.1	50.8	50.5	50.1	49.7
-58.75°	50.5	50.3	50.2	50.0	49.7	49.5	49.2	48.9	48.6	48.2	47.9
-60°	48.5	48.3	48.2	48.0	47.8	47.6	47.3	47.0	46.7	46.4	46.0
-61.25°	46.5	46.4	46.2	46.0	45.8	45.6	45.4	45.1	44.8	44.4	43.9
-62.5°	44.4	44.2	44.0	43.8	43.5	43.2	42.9	42.5	42.1	41.7	41.3
-63.75°	41.6	41.5	41.3	41.0	40.8	40.5	40.2	39.9	39.5	39.1	38.5
-65°	38.7	38.5	38.3	38.0	37.7	37.4	37.0	36.6	36.1	35.7	35.1
-66.25°	35.2	35.0	34.8	34.5	34.2	33.9	33.5	33.1	32.7	32.3	31.8
-67.5°	31.7	31.5	31.4	31.2	31.0	30.7	30.5	30.2	29.9	29.5	29.2
-68.75°	28.9	28.8	28.6	28.4	28.2	28.0	27.8	27.5	27.2	26.9	26.6
-70°	26.1	26.0	25.9	25.7	25.5	25.3	25.1	24.8	24.5	24.2	23.9
-71.25°	23.3	23.2	23.1	22.9	22.8	22.6	22.4	22.1	21.9	21.6	21.3
-72.5°	20.7	20.6	20.5	20.4	20.4	20.3	20.1	20.0	19.9	19.7	19.6
-73.75°	19.1	19.0	19.0	18.9	18.8	18.7	18.6	18.5	18.3	18.2	18.1
-75°	17.5	17.5	17.5	17.5	17.4	17.4	17.3	17.3	17.2	17.1	17.1
-76.25°	16.7	16.7	16.7	16.7	16.6	16.6	16.5	16.5	16.4	16.4	16.3
-77.5°	15.9	15.9	15.9	15.8	15.8	15.7	15.7	15.6	15.5	15.4	15.4



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
-78.75°	14.7	14.7	14.7	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2
-80°	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.0	13.0	12.9	12.7
-81.25°	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.9
-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	6.3	6.2	6.2	6.2	6.1	6.1	6.1
-86.25°	4.8	4.8	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.5
-87.5°	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.0
-88.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3
87.5°	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7
86.25°	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0
85°	6.0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.4
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°	10.7	10.6	10.5	10.4	10.3	10.1	10.0	9.9	9.7	9.6	9.4
80°	12.6	12.5	12.4	12.2	12.1	11.9	11.8	11.6	11.4	11.3	11.1
78.75°	14.1	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.2	13.0	12.8
77.5°	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.5	14.4	14.2	14.1
76.25°	16.3	16.2	16.1	16.0	15.9	15.8	15.7	15.5	15.4	15.3	15.1
75°	17.0	16.9	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1
73.75°	17.9	17.8	17.6	17.5	17.4	17.3	17.2	17.1	17.0	16.9	16.7
72.5°	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0	17.7	17.5	17.4
71.25°	21.0	20.7	20.5	20.3	20.1	19.8	19.6	19.4	19.1	18.8	18.5
70°	23.6	23.2	22.9	22.5	22.0	21.6	21.2	20.7	20.5	20.2	19.9
68.75°	26.2	25.8	25.4	25.0	24.6	24.1	23.6	23.1	22.6	22.0	21.5
67.5°	28.8	28.4	28.0	27.5	27.1	26.6	26.0	25.5	25.0	24.4	23.8
66.25°	31.4	31.0	30.5	30.1	29.6	29.0	28.5	27.9	27.3	26.7	26.1
65°	34.6	34.0	33.4	32.7	32.1	31.5	30.9	30.3	29.7	29.0	28.4
63.75°	37.9	37.3	36.7	36.0	35.3	34.5	33.7	32.9	32.1	31.4	30.7
62.5°	40.8	40.3	39.8	39.2	38.4	37.7	36.8	36.0	35.1	34.2	33.2
61.25°	43.4	42.9	42.3	41.7	41.1	40.4	39.8	39.0	38.1	37.1	36.1
60°	45.6	45.2	44.8	44.2	43.6	42.9	42.2	41.4	40.7	39.9	39.0
58.75°	47.5	47.1	46.6	46.2	45.7	45.2	44.6	43.8	43.0	42.2	41.3
57.5°	49.3	48.9	48.4	47.9	47.4	46.9	46.3	45.8	45.2	44.5	43.6
56.25°	51.2	50.7	50.2	49.7	49.2	48.6	48.0	47.4	46.8	46.2	45.5
55°	53.0	52.5	52.0	51.5	50.9	50.3	49.7	49.1	48.5	47.8	47.1
53.75°	54.8	54.3	53.8	53.2	52.6	52.0	51.4	50.8	50.1	49.4	48.7
52.5°	56.6	56.1	55.6	55.0	54.4	53.7	53.1	52.4	51.7	51.0	50.2
51.25°	57.8	57.5	57.1	56.7	56.1	55.4	54.8	54.1	53.3	52.6	51.8
50°	58.9	58.5	58.2	57.8	57.4	57.0	56.4	55.7	54.9	54.1	53.3
48.75°	59.5	59.3	59.2	58.8	58.4	58.0	57.6	57.1	56.5	55.7	54.9
47.5°	59.8	59.7	59.6	59.4	59.3	59.0	58.5	58.1	57.6	57.1	56.4
46.25°	60.3	60.1	59.9	59.8	59.6	59.5	59.3	59.0	58.5	58.0	57.4
45°	61.1	60.8	60.5	60.2	60.0	59.8	59.6	59.5	59.3	58.9	58.3
43.75°	61.7	61.5	61.2	60.9	60.6	60.2	60.0	59.8	59.6	59.4	59.2
42.5°	62.0	61.9	61.7	61.6	61.2	60.9	60.5	60.2	59.9	59.7	59.5
41.25°	62.4	62.2	62.1	61.9	61.7	61.5	61.2	60.8	60.4	60.0	59.8
40°	63.1	62.8	62.4	62.2	62.1	61.9	61.7	61.4	61.0	60.6	60.2
38.75°	63.8	63.4	63.1	62.8	62.4	62.2	62.0	61.8	61.6	61.2	60.7
37.5°	64.5	64.1	63.8	63.4	63.0	62.6	62.3	62.1	61.9	61.7	61.3
36.25°	65.2	64.8	64.5	64.1	63.7	63.2	62.8	62.4	62.2	61.9	61.7
35°	66.1	65.5	65.1	64.7	64.3	63.9	63.4	63.0	62.5	62.2	62.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
33.75°	67.5	66.7	65.9	65.4	65.0	64.5	64.0	63.6	63.1	62.6	62.2
32.5°	68.8	68.0	67.2	66.4	65.6	65.1	64.6	64.1	63.6	63.1	62.6
31.25°	71.9	69.9	68.5	67.6	66.7	65.8	65.2	64.7	64.2	63.7	63.1
30°	75.2	73.1	70.9	68.8	67.9	66.9	65.9	65.3	64.7	64.2	63.6
28.75°	81.3	76.3	74.0	71.7	69.3	68.1	67.0	66.0	65.3	64.7	64.1
27.5°	90.5	84.0	77.2	74.6	72.1	69.6	68.1	67.0	65.9	65.2	64.6
26.25°	99.5	92.8	85.8	78.5	74.9	72.3	69.6	68.1	66.9	65.8	65.1
25°	108.9	101.5	94.1	86.7	79.0	74.9	72.1	69.3	67.9	66.7	65.6
23.75°	118.2	110.5	102.5	94.6	86.7	78.5	74.6	71.7	68.8	67.6	66.4
22.5°	128.0	119.3	111.0	102.5	94.1	85.8	77.2	74.0	70.9	68.5	67.2
21.25°	142.3	128.8	119.3	110.5	101.5	92.8	84.0	76.3	73.1	69.9	68.0
20°	171.1	142.3	128.0	118.2	108.9	99.5	90.5	81.3	75.2	71.9	68.8
18.75°	231.2	168.9	138.6	125.9	116.1	106.4	96.7	87.3	77.7	73.9	70.5
17.5°	306.1	222.7	163.2	135.2	123.0	113.0	102.8	93.0	83.2	75.7	72.3
16.25°	389.0	288.3	205.8	153.8	130.9	119.3	108.9	98.4	88.5	78.4	73.9
15°	474.2	360.4	258.9	180.8	140.8	125.3	114.6	103.8	93.4	83.1	75.5
13.75°	557.1	436.8	321.1	224.5	160.1	132.5	119.9	108.9	97.9	87.5	77.0
12.5°	636.2	510.4	386.4	273.9	186.9	141.6	124.9	113.6	102.3	91.6	80.9
11.25°	708.6	579.4	449.5	325.2	222.9	157.3	130.7	118.0	106.5	95.3	84.4
10°	771.5	643.7	509.2	377.7	260.6	173.1	136.1	121.9	110.3	98.7	87.6
8.75°	824.8	700.8	563.1	427.0	300.5	201.1	145.7	125.6	113.6	101.8	90.5
7.5°	868.7	748.3	611.4	471.1	335.7	225.6	156.5	129.6	116.6	104.6	93.0
6.25°	905.5	789.2	653.1	509.7	370.4	248.4	165.7	133.0	119.1	107.0	95.2
5°	933.1	820.4	687.6	541.7	399.6	272.0	176.5	135.8	121.2	109.0	96.9
3.75°	954.8	843.7	713.0	566.8	422.6	290.5	189.4	138.6	122.8	110.5	98.3
2.5°	970.5	860.5	731.1	585.2	439.0	303.8	198.7	142.6	124.0	111.6	99.3
1.25°	980.0	870.7	742.1	596.3	449.0	311.8	204.3	145.1	124.7	112.3	99.9
0°	983.2	874.1	745.8	600.0	452.3	314.5	206.2	145.9	124.9	112.5	100.1
-1.25°	980.0	870.7	742.1	596.3	449.0	311.8	204.3	145.1	124.7	112.3	99.9
-2.5°	970.5	860.5	731.1	585.2	439.0	303.8	198.7	142.6	124.0	111.6	99.3
-3.75°	954.8	843.7	713.0	566.8	422.6	290.5	189.4	138.6	122.8	110.5	98.3
-5°	933.1	820.4	687.6	541.7	399.6	272.0	176.5	135.8	121.2	109.0	96.9
-6.25°	905.5	789.2	653.1	509.7	370.4	248.4	165.7	133.0	119.1	107.0	95.2
-7.5°	868.7	748.3	611.4	471.1	335.7	225.6	156.5	129.6	116.6	104.6	93.0
-8.75°	824.8	700.8	563.1	427.0	300.5	201.1	145.7	125.6	113.6	101.8	90.5
-10°	771.5	643.7	509.2	377.7	260.6	173.1	136.1	121.9	110.3	98.7	87.6
-11.25°	708.6	579.4	449.5	325.2	222.9	157.3	130.7	118.0	106.5	95.3	84.4
-12.5°	636.2	510.4	386.4	273.9	186.9	141.6	124.9	113.6	102.3	91.6	80.9
-13.75°	557.1	436.8	321.1	224.5	160.1	132.5	119.9	108.9	97.9	87.5	77.0
-15°	474.2	360.4	258.9	180.8	140.8	125.3	114.6	103.8	93.4	83.1	75.5
-16.25°	389.0	288.3	205.8	153.8	130.9	119.3	108.9	98.4	88.5	78.4	73.9
-17.5°	306.1	222.7	163.2	135.2	123.0	113.0	102.8	93.0	83.2	75.7	72.3
-18.75°	231.2	168.9	138.6	125.9	116.1	106.4	96.7	87.3	77.7	73.9	70.5
-20°	171.1	142.3	128.0	118.2	108.9	99.5	90.5	81.3	75.2	71.9	68.8
-21.25°	142.3	128.8	119.3	110.5	101.5	92.8	84.0	76.3	73.1	69.9	68.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°
-22.5°	128.0	119.3	111.0	102.5	94.1	85.8	77.2	74.0	70.9	68.5	67.2
-23.75°	118.2	110.5	102.5	94.6	86.7	78.5	74.6	71.7	68.8	67.6	66.4
-25°	108.9	101.5	94.1	86.7	79.0	74.9	72.1	69.3	67.9	66.7	65.6
-26.25°	99.5	92.8	85.8	78.5	74.9	72.3	69.6	68.1	66.9	65.8	65.1
-27.5°	90.5	84.0	77.2	74.6	72.1	69.6	68.1	67.0	65.9	65.2	64.6
-28.75°	81.3	76.3	74.0	71.7	69.3	68.1	67.0	66.0	65.3	64.7	64.1
-30°	75.2	73.1	70.9	68.8	67.9	66.9	65.9	65.3	64.7	64.2	63.6
-31.25°	71.9	69.9	68.5	67.6	66.7	65.8	65.2	64.7	64.2	63.7	63.1
-32.5°	68.8	68.0	67.2	66.4	65.6	65.1	64.6	64.1	63.6	63.1	62.6
-33.75°	67.5	66.7	65.9	65.4	65.0	64.5	64.0	63.6	63.1	62.6	62.2
-35°	66.1	65.5	65.1	64.7	64.3	63.9	63.4	63.0	62.5	62.2	62.0
-36.25°	65.2	64.8	64.5	64.1	63.7	63.2	62.8	62.4	62.2	61.9	61.7
-37.5°	64.5	64.1	63.8	63.4	63.0	62.6	62.3	62.1	61.9	61.7	61.3
-38.75°	63.8	63.4	63.1	62.8	62.4	62.2	62.0	61.8	61.6	61.2	60.7
-40°	63.1	62.8	62.4	62.2	62.1	61.9	61.7	61.4	61.0	60.6	60.2
-41.25°	62.4	62.2	62.1	61.9	61.7	61.5	61.2	60.8	60.4	60.0	59.8
-42.5°	62.0	61.9	61.7	61.6	61.2	60.9	60.5	60.2	59.9	59.7	59.5
-43.75°	61.7	61.5	61.2	60.9	60.6	60.2	60.0	59.8	59.6	59.4	59.2
-45°	61.1	60.8	60.5	60.2	60.0	59.8	59.6	59.5	59.3	58.9	58.3
-46.25°	60.3	60.1	59.9	59.8	59.6	59.5	59.3	59.0	58.5	58.0	57.4
-47.5°	59.8	59.7	59.6	59.4	59.3	59.0	58.5	58.1	57.6	57.1	56.4
-48.75°	59.5	59.3	59.2	58.8	58.4	58.0	57.6	57.1	56.5	55.7	54.9
-50°	58.9	58.5	58.2	57.8	57.4	57.0	56.4	55.7	54.9	54.1	53.3
-51.25°	57.8	57.5	57.1	56.7	56.1	55.4	54.8	54.1	53.3	52.6	51.8
-52.5°	56.6	56.1	55.6	55.0	54.4	53.7	53.1	52.4	51.7	51.0	50.2
-53.75°	54.8	54.3	53.8	53.2	52.6	52.0	51.4	50.8	50.1	49.4	48.7
-55°	53.0	52.5	52.0	51.5	50.9	50.3	49.7	49.1	48.5	47.8	47.1
-56.25°	51.2	50.7	50.2	49.7	49.2	48.6	48.0	47.4	46.8	46.2	45.5
-57.5°	49.3	48.9	48.4	47.9	47.4	46.9	46.3	45.8	45.2	44.5	43.6
-58.75°	47.5	47.1	46.6	46.2	45.7	45.2	44.6	43.8	43.0	42.2	41.3
-60°	45.6	45.2	44.8	44.2	43.6	42.9	42.2	41.4	40.7	39.9	39.0
-61.25°	43.4	42.9	42.3	41.7	41.1	40.4	39.8	39.0	38.1	37.1	36.1
-62.5°	40.8	40.3	39.8	39.2	38.4	37.7	36.8	36.0	35.1	34.2	33.2
-63.75°	37.9	37.3	36.7	36.0	35.3	34.5	33.7	32.9	32.1	31.4	30.7
-65°	34.6	34.0	33.4	32.7	32.1	31.5	30.9	30.3	29.7	29.0	28.4
-66.25°	31.4	31.0	30.5	30.1	29.6	29.0	28.5	27.9	27.3	26.7	26.1
-67.5°	28.8	28.4	28.0	27.5	27.1	26.6	26.0	25.5	25.0	24.4	23.8
-68.75°	26.2	25.8	25.4	25.0	24.6	24.1	23.6	23.1	22.6	22.0	21.5
-70°	23.6	23.2	22.9	22.5	22.0	21.6	21.2	20.7	20.5	20.2	19.9
-71.25°	21.0	20.7	20.5	20.3	20.1	19.8	19.6	19.4	19.1	18.8	18.5
-72.5°	19.4	19.2	19.0	18.8	18.6	18.4	18.2	18.0	17.7	17.5	17.4
-73.75°	17.9	17.8	17.6	17.5	17.4	17.3	17.2	17.1	17.0	16.9	16.7
-75°	17.0	16.9	16.9	16.8	16.7	16.6	16.5	16.4	16.3	16.2	16.1
-76.25°	16.3	16.2	16.1	16.0	15.9	15.8	15.7	15.5	15.4	15.3	15.1
-77.5°	15.3	15.2	15.1	15.0	14.9	14.7	14.6	14.5	14.4	14.2	14.1



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	14.1	14.1	14.0	13.9	13.8	13.7	13.5	13.4	13.2	13.0	12.8
-80°	12.6	12.5	12.4	12.2	12.1	11.9	11.8	11.6	11.4	11.3	11.1
-81.25°	10.7	10.6	10.5	10.4	10.3	10.1	10.0	9.9	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°	6.0	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.4
-86.25°	4.5	4.5	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0
-87.5°	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7
-88.75°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3
-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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
87.5°	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.2
86.25°	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3
85°	5.3	5.2	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4
83.75°	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.5
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°	10.9	10.7	10.5	10.3	10.1	9.8	9.6	9.4	9.2	9.0	8.8
78.75°	12.5	12.3	12.1	11.8	11.6	11.4	11.1	10.8	10.6	10.3	10.0
77.5°	14.0	13.8	13.7	13.4	13.1	12.9	12.6	12.3	12.0	11.7	11.4
76.25°	14.9	14.8	14.6	14.4	14.3	14.1	13.9	13.7	13.4	13.1	12.7
75°	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3	14.1	13.9
73.75°	16.6	16.5	16.3	16.2	16.1	15.9	15.7	15.4	15.2	15.0	14.7
72.5°	17.3	17.1	17.0	16.8	16.7	16.5	16.4	16.2	16.0	15.8	15.5
71.25°	18.2	17.9	17.6	17.5	17.3	17.1	17.0	16.8	16.6	16.4	16.2
70°	19.5	19.2	18.9	18.6	18.2	17.8	17.5	17.3	17.2	17.0	16.8
68.75°	20.9	20.5	20.2	19.8	19.4	19.0	18.6	18.2	17.8	17.5	17.3
67.5°	23.2	22.5	21.9	21.2	20.6	20.2	19.8	19.4	18.9	18.5	18.0
66.25°	25.4	24.7	24.1	23.3	22.6	21.9	21.1	20.5	20.0	19.6	19.1
65°	27.7	27.0	26.2	25.5	24.7	23.9	23.1	22.3	21.4	20.7	20.2
63.75°	29.9	29.2	28.4	27.6	26.8	26.0	25.1	24.2	23.3	22.4	21.5
62.5°	32.2	31.4	30.6	29.7	28.9	28.0	27.1	26.2	25.2	24.3	23.3
61.25°	35.1	34.0	32.9	31.8	31.0	30.0	29.1	28.1	27.1	26.1	25.1
60°	37.9	36.8	35.7	34.5	33.3	32.1	31.1	30.1	29.0	28.0	26.9
58.75°	40.4	39.5	38.4	37.2	35.9	34.6	33.3	32.0	30.9	29.8	28.7
57.5°	42.6	41.7	40.7	39.7	38.5	37.2	35.8	34.4	33.0	31.6	30.5
56.25°	44.8	43.8	42.8	41.8	40.7	39.6	38.3	36.8	35.3	33.8	32.3
55°	46.4	45.6	44.9	43.8	42.7	41.6	40.4	39.2	37.7	36.1	34.5
53.75°	47.9	47.2	46.4	45.6	44.7	43.5	42.3	41.1	39.8	38.4	36.7
52.5°	49.5	48.7	47.8	47.0	46.2	45.3	44.2	42.9	41.6	40.3	38.9
51.25°	51.0	50.2	49.3	48.4	47.6	46.6	45.7	44.8	43.4	42.0	40.7
50°	52.5	51.6	50.8	49.9	48.9	48.0	47.0	46.1	45.1	43.8	42.3
48.75°	54.0	53.1	52.2	51.3	50.3	49.3	48.3	47.3	46.3	45.3	44.0
47.5°	55.5	54.6	53.6	52.7	51.7	50.7	49.6	48.6	47.5	46.5	45.4
46.25°	56.9	56.0	55.0	54.0	53.0	52.0	50.9	49.8	48.7	47.6	46.5
45°	57.8	57.2	56.4	55.4	54.3	53.3	52.2	51.1	49.9	48.8	47.6
43.75°	58.6	58.0	57.4	56.7	55.7	54.6	53.4	52.3	51.1	49.9	48.7
42.5°	59.3	58.9	58.2	57.6	56.9	55.8	54.7	53.5	52.3	51.1	49.8
41.25°	59.6	59.4	59.0	58.4	57.7	57.0	55.9	54.7	53.4	52.2	50.9
40°	59.9	59.6	59.4	59.1	58.4	57.7	57.0	55.8	54.6	53.3	52.0
38.75°	60.3	59.9	59.7	59.4	59.2	58.4	57.7	56.9	55.7	54.3	53.0
37.5°	60.8	60.3	59.9	59.7	59.4	59.1	58.4	57.6	56.7	55.4	54.0
36.25°	61.3	60.9	60.4	59.9	59.7	59.4	59.0	58.2	57.4	56.4	55.0
35°	61.7	61.4	60.9	60.3	59.9	59.6	59.4	58.9	58.0	57.2	56.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	62.0	61.7	61.3	60.8	60.3	59.9	59.6	59.3	58.6	57.8	56.9
32.5°	62.2	62.0	61.7	61.3	60.7	60.2	59.8	59.5	59.2	58.3	57.4
31.25°	62.6	62.2	61.9	61.7	61.2	60.6	60.0	59.7	59.4	58.9	58.0
30°	63.1	62.5	62.2	61.9	61.6	61.0	60.4	59.9	59.6	59.3	58.5
28.75°	63.6	63.0	62.4	62.1	61.8	61.4	60.8	60.2	59.8	59.5	59.0
27.5°	64.0	63.4	62.8	62.3	62.0	61.7	61.2	60.5	60.0	59.6	59.3
26.25°	64.5	63.9	63.2	62.6	62.2	61.9	61.5	60.9	60.2	59.8	59.5
25°	65.0	64.3	63.7	63.0	62.4	62.1	61.7	61.2	60.6	60.0	59.6
23.75°	65.4	64.7	64.1	63.4	62.8	62.2	61.9	61.6	60.9	60.2	59.8
22.5°	65.9	65.1	64.5	63.8	63.1	62.4	62.1	61.7	61.2	60.5	59.9
21.25°	66.7	65.5	64.8	64.1	63.4	62.8	62.2	61.9	61.5	60.8	60.1
20°	67.5	66.1	65.2	64.5	63.8	63.1	62.4	62.0	61.7	61.1	60.3
18.75°	68.2	66.8	65.6	64.8	64.1	63.4	62.7	62.2	61.8	61.3	60.6
17.5°	68.9	67.5	66.1	65.1	64.4	63.6	62.9	62.3	61.9	61.5	60.8
16.25°	70.4	68.1	66.6	65.4	64.7	63.9	63.2	62.4	62.1	61.7	61.0
15°	71.9	68.6	67.2	65.7	64.9	64.2	63.4	62.7	62.2	61.8	61.2
13.75°	73.3	69.6	67.7	66.2	65.2	64.4	63.6	62.9	62.3	61.9	61.4
12.5°	74.6	70.8	68.2	66.7	65.4	64.6	63.8	63.1	62.4	62.0	61.6
11.25°	75.7	72.0	68.6	67.1	65.6	64.8	64.0	63.2	62.5	62.1	61.7
10°	76.8	73.0	69.2	67.5	65.9	65.0	64.2	63.4	62.6	62.1	61.7
8.75°	79.4	73.9	70.0	67.8	66.2	65.2	64.3	63.5	62.8	62.2	61.8
7.5°	81.8	74.7	70.8	68.1	66.5	65.3	64.5	63.7	62.9	62.2	61.9
6.25°	83.8	75.4	71.4	68.3	66.8	65.4	64.6	63.8	63.0	62.3	61.9
5°	85.5	75.9	72.0	68.5	67.0	65.5	64.7	63.8	63.1	62.3	61.9
3.75°	86.8	76.3	72.4	68.7	67.1	65.6	64.8	63.9	63.1	62.4	62.0
2.5°	87.7	76.7	72.7	68.8	67.2	65.7	64.8	64.0	63.2	62.4	62.0
1.25°	88.3	76.8	72.8	68.9	67.3	65.7	64.8	64.0	63.2	62.4	62.0
0°	88.5	76.9	72.9	68.9	67.3	65.7	64.9	64.0	63.2	62.4	62.0
-1.25°	88.3	76.8	72.8	68.9	67.3	65.7	64.8	64.0	63.2	62.4	62.0
-2.5°	87.7	76.7	72.7	68.8	67.2	65.7	64.8	64.0	63.2	62.4	62.0
-3.75°	86.8	76.3	72.4	68.7	67.1	65.6	64.8	63.9	63.1	62.4	62.0
-5°	85.5	75.9	72.0	68.5	67.0	65.5	64.7	63.8	63.1	62.3	61.9
-6.25°	83.8	75.4	71.4	68.3	66.8	65.4	64.6	63.8	63.0	62.3	61.9
-7.5°	81.8	74.7	70.8	68.1	66.5	65.3	64.5	63.7	62.9	62.2	61.9
-8.75°	79.4	73.9	70.0	67.8	66.2	65.2	64.3	63.5	62.8	62.2	61.8
-10°	76.8	73.0	69.2	67.5	65.9	65.0	64.2	63.4	62.6	62.1	61.7
-11.25°	75.7	72.0	68.6	67.1	65.6	64.8	64.0	63.2	62.5	62.1	61.7
-12.5°	74.6	70.8	68.2	66.7	65.4	64.6	63.8	63.1	62.4	62.0	61.6
-13.75°	73.3	69.6	67.7	66.2	65.2	64.4	63.6	62.9	62.3	61.9	61.4
-15°	71.9	68.6	67.2	65.7	64.9	64.2	63.4	62.7	62.2	61.8	61.2
-16.25°	70.4	68.1	66.6	65.4	64.7	63.9	63.2	62.4	62.1	61.7	61.0
-17.5°	68.9	67.5	66.1	65.1	64.4	63.6	62.9	62.3	61.9	61.5	60.8
-18.75°	68.2	66.8	65.6	64.8	64.1	63.4	62.7	62.2	61.8	61.3	60.6
-20°	67.5	66.1	65.2	64.5	63.8	63.1	62.4	62.0	61.7	61.1	60.3
-21.25°	66.7	65.5	64.8	64.1	63.4	62.8	62.2	61.9	61.5	60.8	60.1



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	65.9	65.1	64.5	63.8	63.1	62.4	62.1	61.7	61.2	60.5	59.9
-23.75°	65.4	64.7	64.1	63.4	62.8	62.2	61.9	61.6	60.9	60.2	59.8
-25°	65.0	64.3	63.7	63.0	62.4	62.1	61.7	61.2	60.6	60.0	59.6
-26.25°	64.5	63.9	63.2	62.6	62.2	61.9	61.5	60.9	60.2	59.8	59.5
-27.5°	64.0	63.4	62.8	62.3	62.0	61.7	61.2	60.5	60.0	59.6	59.3
-28.75°	63.6	63.0	62.4	62.1	61.8	61.4	60.8	60.2	59.8	59.5	59.0
-30°	63.1	62.5	62.2	61.9	61.6	61.0	60.4	59.9	59.6	59.3	58.5
-31.25°	62.6	62.2	61.9	61.7	61.2	60.6	60.0	59.7	59.4	58.9	58.0
-32.5°	62.2	62.0	61.7	61.3	60.7	60.2	59.8	59.5	59.2	58.3	57.4
-33.75°	62.0	61.7	61.3	60.8	60.3	59.9	59.6	59.3	58.6	57.8	56.9
-35°	61.7	61.4	60.9	60.3	59.9	59.6	59.4	58.9	58.0	57.2	56.0
-36.25°	61.3	60.9	60.4	59.9	59.7	59.4	59.0	58.2	57.4	56.4	55.0
-37.5°	60.8	60.3	59.9	59.7	59.4	59.1	58.4	57.6	56.7	55.4	54.0
-38.75°	60.3	59.9	59.7	59.4	59.2	58.4	57.7	56.9	55.7	54.3	53.0
-40°	59.9	59.6	59.4	59.1	58.4	57.7	57.0	55.8	54.6	53.3	52.0
-41.25°	59.6	59.4	59.0	58.4	57.7	57.0	55.9	54.7	53.4	52.2	50.9
-42.5°	59.3	58.9	58.2	57.6	56.9	55.8	54.7	53.5	52.3	51.1	49.8
-43.75°	58.6	58.0	57.4	56.7	55.7	54.6	53.4	52.3	51.1	49.9	48.7
-45°	57.8	57.2	56.4	55.4	54.3	53.3	52.2	51.1	49.9	48.8	47.6
-46.25°	56.9	56.0	55.0	54.0	53.0	52.0	50.9	49.8	48.7	47.6	46.5
-47.5°	55.5	54.6	53.6	52.7	51.7	50.7	49.6	48.6	47.5	46.5	45.4
-48.75°	54.0	53.1	52.2	51.3	50.3	49.3	48.3	47.3	46.3	45.3	44.0
-50°	52.5	51.6	50.8	49.9	48.9	48.0	47.0	46.1	45.1	43.8	42.3
-51.25°	51.0	50.2	49.3	48.4	47.6	46.6	45.7	44.8	43.4	42.0	40.7
-52.5°	49.5	48.7	47.8	47.0	46.2	45.3	44.2	42.9	41.6	40.3	38.9
-53.75°	47.9	47.2	46.4	45.6	44.7	43.5	42.3	41.1	39.8	38.4	36.7
-55°	46.4	45.6	44.9	43.8	42.7	41.6	40.4	39.2	37.7	36.1	34.5
-56.25°	44.8	43.8	42.8	41.8	40.7	39.6	38.3	36.8	35.3	33.8	32.3
-57.5°	42.6	41.7	40.7	39.7	38.5	37.2	35.8	34.4	33.0	31.6	30.5
-58.75°	40.4	39.5	38.4	37.2	35.9	34.6	33.3	32.0	30.9	29.8	28.7
-60°	37.9	36.8	35.7	34.5	33.3	32.1	31.1	30.1	29.0	28.0	26.9
-61.25°	35.1	34.0	32.9	31.8	31.0	30.0	29.1	28.1	27.1	26.1	25.1
-62.5°	32.2	31.4	30.6	29.7	28.9	28.0	27.1	26.2	25.2	24.3	23.3
-63.75°	29.9	29.2	28.4	27.6	26.8	26.0	25.1	24.2	23.3	22.4	21.5
-65°	27.7	27.0	26.2	25.5	24.7	23.9	23.1	22.3	21.4	20.7	20.2
-66.25°	25.4	24.7	24.1	23.3	22.6	21.9	21.1	20.5	20.0	19.6	19.1
-67.5°	23.2	22.5	21.9	21.2	20.6	20.2	19.8	19.4	18.9	18.5	18.0
-68.75°	20.9	20.5	20.2	19.8	19.4	19.0	18.6	18.2	17.8	17.5	17.3
-70°	19.5	19.2	18.9	18.6	18.2	17.8	17.5	17.3	17.2	17.0	16.8
-71.25°	18.2	17.9	17.6	17.5	17.3	17.1	17.0	16.8	16.6	16.4	16.2
-72.5°	17.3	17.1	17.0	16.8	16.7	16.5	16.4	16.2	16.0	15.8	15.5
-73.75°	16.6	16.5	16.3	16.2	16.1	15.9	15.7	15.4	15.2	15.0	14.7
-75°	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3	14.1	13.9
-76.25°	14.9	14.8	14.6	14.4	14.3	14.1	13.9	13.7	13.4	13.1	12.7
-77.5°	14.0	13.8	13.7	13.4	13.1	12.9	12.6	12.3	12.0	11.7	11.4



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	12.5	12.3	12.1	11.8	11.6	11.4	11.1	10.8	10.6	10.3	10.0
-80°	10.9	10.7	10.5	10.3	10.1	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	6.0	5.9	5.8	5.7	5.5
-85°	5.3	5.2	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4
-86.25°	4.0	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3
-87.5°	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.2
-88.75°	1.3	1.3	1.3	1.3	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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
87.5°	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
86.25°	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4
85°	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
83.75°	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0
82.5°	6.5	6.3	6.2	6.0	5.8	5.7	5.5	5.3	5.1	5.0	4.8
81.25°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6
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°	11.1	10.7	10.4	10.1	9.7	9.4	9.1	8.8	8.5	8.3	8.0
76.25°	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.4	9.1	8.7
75°	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.8	10.4	9.9	9.5
73.75°	14.5	14.2	13.9	13.7	13.3	12.8	12.4	11.9	11.4	11.0	10.5
72.5°	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.0	12.5	12.0	11.4
71.25°	16.0	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.5	13.0	12.4
70°	16.6	16.3	16.1	15.9	15.5	15.2	14.9	14.5	14.2	13.8	13.4
68.75°	17.1	16.8	16.6	16.4	16.2	15.9	15.5	15.2	14.8	14.4	14.0
67.5°	17.6	17.4	17.1	16.9	16.6	16.4	16.1	15.8	15.4	15.0	14.6
66.25°	18.6	18.1	17.6	17.3	17.1	16.8	16.5	16.3	16.0	15.6	15.2
65°	19.6	19.1	18.6	18.0	17.5	17.3	17.0	16.7	16.4	16.1	15.7
63.75°	20.7	20.1	19.5	19.0	18.4	17.8	17.4	17.1	16.8	16.5	16.2
62.5°	22.3	21.3	20.5	19.9	19.3	18.7	18.1	17.5	17.2	16.9	16.5
61.25°	24.1	23.0	21.9	20.8	20.2	19.6	18.9	18.2	17.6	17.2	16.9
60°	25.8	24.7	23.6	22.5	21.3	20.4	19.7	19.0	18.3	17.6	17.3
58.75°	27.6	26.4	25.2	24.0	22.8	21.6	20.6	19.8	19.1	18.4	17.6
57.5°	29.3	28.1	26.9	25.6	24.4	23.1	21.8	20.6	19.9	19.1	18.3
56.25°	31.0	29.7	28.5	27.2	25.9	24.6	23.2	21.9	20.6	19.8	19.0
55°	32.9	31.4	30.1	28.7	27.4	26.0	24.6	23.2	21.8	20.6	19.7
53.75°	35.0	33.3	31.6	30.3	28.9	27.4	26.0	24.6	23.1	21.6	20.4
52.5°	37.1	35.4	33.5	31.8	30.3	28.9	27.4	25.9	24.4	22.8	21.3
51.25°	39.2	37.4	35.5	33.6	31.8	30.3	28.7	27.2	25.6	24.0	22.5
50°	40.9	39.4	37.5	35.5	33.5	31.6	30.1	28.5	26.9	25.2	23.6
48.75°	42.5	40.9	39.4	37.4	35.4	33.3	31.4	29.7	28.1	26.4	24.7
47.5°	44.0	42.5	40.9	39.2	37.1	35.0	32.9	31.0	29.3	27.6	25.8
46.25°	45.4	44.0	42.3	40.7	38.9	36.7	34.5	32.3	30.5	28.7	26.9
45°	46.5	45.3	43.8	42.0	40.3	38.4	36.1	33.8	31.6	29.8	28.0
43.75°	47.5	46.3	45.1	43.4	41.6	39.8	37.7	35.3	33.0	30.9	29.0
42.5°	48.6	47.3	46.1	44.8	42.9	41.1	39.2	36.8	34.4	32.0	30.1
41.25°	49.6	48.3	47.0	45.7	44.2	42.3	40.4	38.3	35.8	33.3	31.1
40°	50.7	49.3	48.0	46.6	45.3	43.5	41.6	39.6	37.2	34.6	32.1
38.75°	51.7	50.3	48.9	47.6	46.2	44.7	42.7	40.7	38.5	35.9	33.3
37.5°	52.7	51.3	49.9	48.4	47.0	45.6	43.8	41.8	39.7	37.2	34.5
36.25°	53.6	52.2	50.8	49.3	47.8	46.4	44.9	42.8	40.7	38.4	35.7
35°	54.6	53.1	51.6	50.2	48.7	47.2	45.6	43.8	41.7	39.5	36.8



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	55.5	54.0	52.5	51.0	49.5	47.9	46.4	44.8	42.6	40.4	37.9
32.5°	56.4	54.9	53.3	51.8	50.2	48.7	47.1	45.5	43.6	41.3	39.0
31.25°	57.1	55.7	54.1	52.6	51.0	49.4	47.8	46.2	44.5	42.2	39.9
30°	57.6	56.5	54.9	53.3	51.7	50.1	48.5	46.8	45.2	43.0	40.7
28.75°	58.1	57.1	55.7	54.1	52.4	50.8	49.1	47.4	45.8	43.8	41.4
27.5°	58.5	57.6	56.4	54.8	53.1	51.4	49.7	48.0	46.3	44.6	42.2
26.25°	59.0	58.0	57.0	55.4	53.7	52.0	50.3	48.6	46.9	45.2	42.9
25°	59.3	58.4	57.4	56.1	54.4	52.6	50.9	49.2	47.4	45.7	43.6
23.75°	59.4	58.8	57.8	56.7	55.0	53.2	51.5	49.7	47.9	46.2	44.2
22.5°	59.6	59.2	58.2	57.1	55.6	53.8	52.0	50.2	48.4	46.6	44.8
21.25°	59.7	59.3	58.5	57.5	56.1	54.3	52.5	50.7	48.9	47.1	45.2
20°	59.8	59.5	58.9	57.8	56.6	54.8	53.0	51.2	49.3	47.5	45.6
18.75°	59.9	59.6	59.2	58.1	57.0	55.3	53.4	51.6	49.7	47.9	46.0
17.5°	60.1	59.7	59.3	58.4	57.3	55.7	53.9	52.0	50.1	48.2	46.4
16.25°	60.3	59.8	59.4	58.7	57.5	56.1	54.3	52.4	50.5	48.6	46.7
15°	60.5	59.9	59.5	58.9	57.8	56.5	54.6	52.7	50.8	48.9	47.0
13.75°	60.6	59.9	59.6	59.1	58.0	56.9	55.0	53.1	51.1	49.2	47.3
12.5°	60.8	60.0	59.6	59.3	58.2	57.0	55.3	53.4	51.4	49.5	47.6
11.25°	61.0	60.2	59.7	59.3	58.4	57.2	55.6	53.6	51.7	49.7	47.8
10°	61.1	60.3	59.8	59.4	58.6	57.4	55.8	53.9	51.9	50.0	48.0
8.75°	61.2	60.4	59.8	59.4	58.7	57.5	56.1	54.1	52.1	50.2	48.2
7.5°	61.3	60.5	59.9	59.5	58.8	57.7	56.3	54.3	52.3	50.3	48.3
6.25°	61.4	60.6	59.9	59.5	58.9	57.8	56.4	54.4	52.5	50.5	48.5
5°	61.5	60.7	59.9	59.5	59.0	57.8	56.6	54.6	52.6	50.6	48.6
3.75°	61.5	60.7	60.0	59.6	59.1	57.9	56.7	54.7	52.7	50.7	48.7
2.5°	61.6	60.8	60.0	59.6	59.2	58.0	56.7	54.7	52.7	50.7	48.7
1.25°	61.6	60.8	60.0	59.6	59.2	58.0	56.8	54.8	52.8	50.8	48.8
0°	61.6	60.8	60.0	59.6	59.2	58.0	56.8	54.8	52.8	50.8	48.8
-1.25°	61.6	60.8	60.0	59.6	59.2	58.0	56.8	54.8	52.8	50.8	48.8
-2.5°	61.6	60.8	60.0	59.6	59.2	58.0	56.7	54.7	52.7	50.7	48.7
-3.75°	61.5	60.7	60.0	59.6	59.1	57.9	56.7	54.7	52.7	50.7	48.7
-5°	61.5	60.7	59.9	59.5	59.0	57.8	56.6	54.6	52.6	50.6	48.6
-6.25°	61.4	60.6	59.9	59.5	58.9	57.8	56.4	54.4	52.5	50.5	48.5
-7.5°	61.3	60.5	59.9	59.5	58.8	57.7	56.3	54.3	52.3	50.3	48.3
-8.75°	61.2	60.4	59.8	59.4	58.7	57.5	56.1	54.1	52.1	50.2	48.2
-10°	61.1	60.3	59.8	59.4	58.6	57.4	55.8	53.9	51.9	50.0	48.0
-11.25°	61.0	60.2	59.7	59.3	58.4	57.2	55.6	53.6	51.7	49.7	47.8
-12.5°	60.8	60.0	59.6	59.3	58.2	57.0	55.3	53.4	51.4	49.5	47.6
-13.75°	60.6	59.9	59.6	59.1	58.0	56.9	55.0	53.1	51.1	49.2	47.3
-15°	60.5	59.9	59.5	58.9	57.8	56.5	54.6	52.7	50.8	48.9	47.0
-16.25°	60.3	59.8	59.4	58.7	57.5	56.1	54.3	52.4	50.5	48.6	46.7
-17.5°	60.1	59.7	59.3	58.4	57.3	55.7	53.9	52.0	50.1	48.2	46.4
-18.75°	59.9	59.6	59.2	58.1	57.0	55.3	53.4	51.6	49.7	47.9	46.0
-20°	59.8	59.5	58.9	57.8	56.6	54.8	53.0	51.2	49.3	47.5	45.6
-21.25°	59.7	59.3	58.5	57.5	56.1	54.3	52.5	50.7	48.9	47.1	45.2



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	59.6	59.2	58.2	57.1	55.6	53.8	52.0	50.2	48.4	46.6	44.8
-23.75°	59.4	58.8	57.8	56.7	55.0	53.2	51.5	49.7	47.9	46.2	44.2
-25°	59.3	58.4	57.4	56.1	54.4	52.6	50.9	49.2	47.4	45.7	43.6
-26.25°	59.0	58.0	57.0	55.4	53.7	52.0	50.3	48.6	46.9	45.2	42.9
-27.5°	58.5	57.6	56.4	54.8	53.1	51.4	49.7	48.0	46.3	44.6	42.2
-28.75°	58.1	57.1	55.7	54.1	52.4	50.8	49.1	47.4	45.8	43.8	41.4
-30°	57.6	56.5	54.9	53.3	51.7	50.1	48.5	46.8	45.2	43.0	40.7
-31.25°	57.1	55.7	54.1	52.6	51.0	49.4	47.8	46.2	44.5	42.2	39.9
-32.5°	56.4	54.9	53.3	51.8	50.2	48.7	47.1	45.5	43.6	41.3	39.0
-33.75°	55.5	54.0	52.5	51.0	49.5	47.9	46.4	44.8	42.6	40.4	37.9
-35°	54.6	53.1	51.6	50.2	48.7	47.2	45.6	43.8	41.7	39.5	36.8
-36.25°	53.6	52.2	50.8	49.3	47.8	46.4	44.9	42.8	40.7	38.4	35.7
-37.5°	52.7	51.3	49.9	48.4	47.0	45.6	43.8	41.8	39.7	37.2	34.5
-38.75°	51.7	50.3	48.9	47.6	46.2	44.7	42.7	40.7	38.5	35.9	33.3
-40°	50.7	49.3	48.0	46.6	45.3	43.5	41.6	39.6	37.2	34.6	32.1
-41.25°	49.6	48.3	47.0	45.7	44.2	42.3	40.4	38.3	35.8	33.3	31.1
-42.5°	48.6	47.3	46.1	44.8	42.9	41.1	39.2	36.8	34.4	32.0	30.1
-43.75°	47.5	46.3	45.1	43.4	41.6	39.8	37.7	35.3	33.0	30.9	29.0
-45°	46.5	45.3	43.8	42.0	40.3	38.4	36.1	33.8	31.6	29.8	28.0
-46.25°	45.4	44.0	42.3	40.7	38.9	36.7	34.5	32.3	30.5	28.7	26.9
-47.5°	44.0	42.5	40.9	39.2	37.1	35.0	32.9	31.0	29.3	27.6	25.8
-48.75°	42.5	40.9	39.4	37.4	35.4	33.3	31.4	29.7	28.1	26.4	24.7
-50°	40.9	39.4	37.5	35.5	33.5	31.6	30.1	28.5	26.9	25.2	23.6
-51.25°	39.2	37.4	35.5	33.6	31.8	30.3	28.7	27.2	25.6	24.0	22.5
-52.5°	37.1	35.4	33.5	31.8	30.3	28.9	27.4	25.9	24.4	22.8	21.3
-53.75°	35.0	33.3	31.6	30.3	28.9	27.4	26.0	24.6	23.1	21.6	20.4
-55°	32.9	31.4	30.1	28.7	27.4	26.0	24.6	23.2	21.8	20.6	19.7
-56.25°	31.0	29.7	28.5	27.2	25.9	24.6	23.2	21.9	20.6	19.8	19.0
-57.5°	29.3	28.1	26.9	25.6	24.4	23.1	21.8	20.6	19.9	19.1	18.3
-58.75°	27.6	26.4	25.2	24.0	22.8	21.6	20.6	19.8	19.1	18.4	17.6
-60°	25.8	24.7	23.6	22.5	21.3	20.4	19.7	19.0	18.3	17.6	17.3
-61.25°	24.1	23.0	21.9	20.8	20.2	19.6	18.9	18.2	17.6	17.2	16.9
-62.5°	22.3	21.3	20.5	19.9	19.3	18.7	18.1	17.5	17.2	16.9	16.5
-63.75°	20.7	20.1	19.5	19.0	18.4	17.8	17.4	17.1	16.8	16.5	16.2
-65°	19.6	19.1	18.6	18.0	17.5	17.3	17.0	16.7	16.4	16.1	15.7
-66.25°	18.6	18.1	17.6	17.3	17.1	16.8	16.5	16.3	16.0	15.6	15.2
-67.5°	17.6	17.4	17.1	16.9	16.6	16.4	16.1	15.8	15.4	15.0	14.6
-68.75°	17.1	16.8	16.6	16.4	16.2	15.9	15.5	15.2	14.8	14.4	14.0
-70°	16.6	16.3	16.1	15.9	15.5	15.2	14.9	14.5	14.2	13.8	13.4
-71.25°	16.0	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.5	13.0	12.4
-72.5°	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.0	12.5	12.0	11.4
-73.75°	14.5	14.2	13.9	13.7	13.3	12.8	12.4	11.9	11.4	11.0	10.5
-75°	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.8	10.4	9.9	9.5
-76.25°	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.4	9.1	8.7
-77.5°	11.1	10.7	10.4	10.1	9.7	9.4	9.1	8.8	8.5	8.3	8.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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	6.0	5.8	5.6
-82.5°	6.5	6.3	6.2	6.0	5.8	5.7	5.5	5.3	5.1	5.0	4.8
-83.75°	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0
-85°	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-86.25°	3.2	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4
-87.5°	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
-88.75°	1.1	1.1	1.0	1.0	1.0	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: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
87.5°	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
86.25°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
85°	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.1	1.9	1.8
83.75°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
82.5°	4.6	4.4	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7
81.25°	5.4	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.1
80°	6.1	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.6
78.75°	6.9	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0
77.5°	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.8	4.4
76.25°	8.4	8.1	7.7	7.4	7.0	6.7	6.3	6.0	5.6	5.2	4.9
75°	9.2	8.8	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.7	5.3
73.75°	10.0	9.5	9.1	8.7	8.3	7.9	7.5	7.0	6.6	6.2	5.7
72.5°	10.9	10.4	9.8	9.3	8.9	8.5	8.0	7.6	7.1	6.6	6.2
71.25°	11.8	11.3	10.7	10.1	9.5	9.0	8.6	8.1	7.6	7.1	6.6
70°	12.7	12.1	11.5	10.9	10.3	9.6	9.1	8.6	8.1	7.6	7.0
68.75°	13.6	13.0	12.4	11.7	11.0	10.4	9.7	9.1	8.6	8.0	7.5
67.5°	14.2	13.8	13.2	12.5	11.8	11.1	10.4	9.6	9.0	8.5	7.9
66.25°	14.7	14.3	13.9	13.3	12.5	11.8	11.0	10.3	9.5	8.9	8.3
65°	15.3	14.8	14.3	13.9	13.3	12.5	11.7	10.9	10.1	9.3	8.7
63.75°	15.8	15.3	14.8	14.3	13.9	13.2	12.4	11.5	10.7	9.8	9.1
62.5°	16.2	15.8	15.3	14.8	14.3	13.8	13.0	12.1	11.3	10.4	9.5
61.25°	16.6	16.2	15.8	15.3	14.7	14.2	13.6	12.7	11.8	10.9	10.0
60°	16.9	16.5	16.2	15.7	15.2	14.6	14.0	13.4	12.4	11.4	10.5
58.75°	17.2	16.9	16.5	16.1	15.6	15.0	14.4	13.8	13.0	12.0	11.0
57.5°	17.6	17.2	16.8	16.4	16.0	15.4	14.8	14.2	13.5	12.5	11.4
56.25°	18.2	17.5	17.1	16.7	16.3	15.8	15.2	14.5	13.9	13.0	11.9
55°	18.9	18.1	17.4	17.0	16.5	16.1	15.5	14.9	14.2	13.5	12.4
53.75°	19.6	18.7	17.8	17.3	16.8	16.4	15.9	15.2	14.5	13.8	12.8
52.5°	20.2	19.3	18.4	17.5	17.1	16.6	16.2	15.5	14.8	14.1	13.3
51.25°	20.8	19.9	19.0	18.0	17.3	16.9	16.4	15.9	15.1	14.4	13.7
50°	21.9	20.5	19.5	18.6	17.6	17.1	16.6	16.1	15.4	14.7	13.9
48.75°	23.0	21.3	20.1	19.1	18.1	17.4	16.8	16.3	15.7	15.0	14.2
47.5°	24.1	22.3	20.7	19.6	18.6	17.6	17.1	16.6	16.0	15.3	14.5
46.25°	25.1	23.3	21.5	20.2	19.1	18.0	17.3	16.8	16.2	15.5	14.7
45°	26.1	24.3	22.4	20.7	19.6	18.5	17.5	17.0	16.4	15.8	15.0
43.75°	27.1	25.2	23.3	21.4	20.0	18.9	17.8	17.2	16.6	16.0	15.2
42.5°	28.1	26.2	24.2	22.3	20.5	19.4	18.2	17.3	16.8	16.2	15.4
41.25°	29.1	27.1	25.1	23.1	21.1	19.8	18.6	17.5	17.0	16.4	15.7
40°	30.0	28.0	26.0	23.9	21.9	20.2	19.0	17.8	17.1	16.5	15.9
38.75°	31.0	28.9	26.8	24.7	22.6	20.6	19.4	18.2	17.3	16.7	16.1
37.5°	31.8	29.7	27.6	25.5	23.3	21.2	19.8	18.6	17.5	16.8	16.2
36.25°	32.9	30.6	28.4	26.2	24.1	21.9	20.2	18.9	17.6	17.0	16.3
35°	34.0	31.4	29.2	27.0	24.7	22.5	20.5	19.2	17.9	17.1	16.5



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	35.1	32.2	29.9	27.7	25.4	23.2	20.9	19.5	18.2	17.3	16.6
32.5°	36.1	33.2	30.7	28.4	26.1	23.8	21.5	19.9	18.5	17.4	16.7
31.25°	37.1	34.2	31.4	29.0	26.7	24.4	22.0	20.2	18.8	17.5	16.9
30°	38.1	35.1	32.1	29.7	27.3	25.0	22.6	20.5	19.1	17.7	17.0
28.75°	39.0	36.0	32.9	30.3	27.9	25.5	23.1	20.7	19.4	18.0	17.1
27.5°	39.8	36.8	33.7	30.9	28.5	26.0	23.6	21.2	19.6	18.2	17.2
26.25°	40.4	37.7	34.5	31.5	29.0	26.6	24.1	21.6	19.8	18.4	17.3
25°	41.1	38.4	35.3	32.1	29.6	27.1	24.6	22.0	20.1	18.6	17.4
23.75°	41.7	39.2	36.0	32.7	30.1	27.5	25.0	22.5	20.3	18.8	17.5
22.5°	42.3	39.8	36.7	33.4	30.5	28.0	25.4	22.9	20.5	19.0	17.6
21.25°	42.9	40.3	37.3	34.0	31.0	28.4	25.8	23.2	20.7	19.2	17.8
20°	43.4	40.8	37.9	34.6	31.4	28.8	26.2	23.6	21.0	19.4	17.9
18.75°	43.9	41.3	38.5	35.1	31.8	29.2	26.6	23.9	21.3	19.6	18.1
17.5°	44.4	41.7	39.1	35.7	32.3	29.5	26.9	24.2	21.6	19.7	18.2
16.25°	44.8	42.1	39.5	36.1	32.7	29.9	27.2	24.5	21.9	19.9	18.3
15°	45.1	42.5	39.9	36.6	33.1	30.2	27.5	24.8	22.1	20.0	18.5
13.75°	45.4	42.9	40.2	37.0	33.5	30.5	27.8	25.1	22.4	20.1	18.6
12.5°	45.6	43.2	40.5	37.4	33.9	30.7	28.0	25.3	22.6	20.3	18.7
11.25°	45.8	43.5	40.8	37.7	34.2	31.0	28.2	25.5	22.8	20.4	18.8
10°	46.0	43.8	41.0	38.0	34.5	31.2	28.4	25.7	22.9	20.4	18.9
8.75°	46.2	44.0	41.3	38.3	34.8	31.4	28.6	25.9	23.1	20.5	19.0
7.5°	46.4	44.2	41.5	38.5	35.0	31.5	28.8	26.0	23.2	20.6	19.0
6.25°	46.5	44.4	41.6	38.7	35.2	31.7	28.9	26.1	23.3	20.7	19.1
5°	46.6	44.5	41.8	38.9	35.3	31.8	29.0	26.2	23.4	20.7	19.1
3.75°	46.7	44.7	41.9	39.0	35.4	31.9	29.1	26.3	23.5	20.8	19.2
2.5°	46.8	44.7	41.9	39.1	35.5	31.9	29.2	26.4	23.6	20.8	19.2
1.25°	46.8	44.8	42.0	39.2	35.6	32.0	29.2	26.4	23.6	20.8	19.2
0°	46.8	44.8	42.0	39.2	35.6	32.0	29.2	26.4	23.6	20.8	19.2
-1.25°	46.8	44.8	42.0	39.2	35.6	32.0	29.2	26.4	23.6	20.8	19.2
-2.5°	46.8	44.7	41.9	39.1	35.5	31.9	29.2	26.4	23.6	20.8	19.2
-3.75°	46.7	44.7	41.9	39.0	35.4	31.9	29.1	26.3	23.5	20.8	19.2
-5°	46.6	44.5	41.8	38.9	35.3	31.8	29.0	26.2	23.4	20.7	19.1
-6.25°	46.5	44.4	41.6	38.7	35.2	31.7	28.9	26.1	23.3	20.7	19.1
-7.5°	46.4	44.2	41.5	38.5	35.0	31.5	28.8	26.0	23.2	20.6	19.0
-8.75°	46.2	44.0	41.3	38.3	34.8	31.4	28.6	25.9	23.1	20.5	19.0
-10°	46.0	43.8	41.0	38.0	34.5	31.2	28.4	25.7	22.9	20.4	18.9
-11.25°	45.8	43.5	40.8	37.7	34.2	31.0	28.2	25.5	22.8	20.4	18.8
-12.5°	45.6	43.2	40.5	37.4	33.9	30.7	28.0	25.3	22.6	20.3	18.7
-13.75°	45.4	42.9	40.2	37.0	33.5	30.5	27.8	25.1	22.4	20.1	18.6
-15°	45.1	42.5	39.9	36.6	33.1	30.2	27.5	24.8	22.1	20.0	18.5
-16.25°	44.8	42.1	39.5	36.1	32.7	29.9	27.2	24.5	21.9	19.9	18.3
-17.5°	44.4	41.7	39.1	35.7	32.3	29.5	26.9	24.2	21.6	19.7	18.2
-18.75°	43.9	41.3	38.5	35.1	31.8	29.2	26.6	23.9	21.3	19.6	18.1
-20°	43.4	40.8	37.9	34.6	31.4	28.8	26.2	23.6	21.0	19.4	17.9
-21.25°	42.9	40.3	37.3	34.0	31.0	28.4	25.8	23.2	20.7	19.2	17.8



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	42.3	39.8	36.7	33.4	30.5	28.0	25.4	22.9	20.5	19.0	17.6
-23.75°	41.7	39.2	36.0	32.7	30.1	27.5	25.0	22.5	20.3	18.8	17.5
-25°	41.1	38.4	35.3	32.1	29.6	27.1	24.6	22.0	20.1	18.6	17.4
-26.25°	40.4	37.7	34.5	31.5	29.0	26.6	24.1	21.6	19.8	18.4	17.3
-27.5°	39.8	36.8	33.7	30.9	28.5	26.0	23.6	21.2	19.6	18.2	17.2
-28.75°	39.0	36.0	32.9	30.3	27.9	25.5	23.1	20.7	19.4	18.0	17.1
-30°	38.1	35.1	32.1	29.7	27.3	25.0	22.6	20.5	19.1	17.7	17.0
-31.25°	37.1	34.2	31.4	29.0	26.7	24.4	22.0	20.2	18.8	17.5	16.9
-32.5°	36.1	33.2	30.7	28.4	26.1	23.8	21.5	19.9	18.5	17.4	16.7
-33.75°	35.1	32.2	29.9	27.7	25.4	23.2	20.9	19.5	18.2	17.3	16.6
-35°	34.0	31.4	29.2	27.0	24.7	22.5	20.5	19.2	17.9	17.1	16.5
-36.25°	32.9	30.6	28.4	26.2	24.1	21.9	20.2	18.9	17.6	17.0	16.3
-37.5°	31.8	29.7	27.6	25.5	23.3	21.2	19.8	18.6	17.5	16.8	16.2
-38.75°	31.0	28.9	26.8	24.7	22.6	20.6	19.4	18.2	17.3	16.7	16.1
-40°	30.0	28.0	26.0	23.9	21.9	20.2	19.0	17.8	17.1	16.5	15.9
-41.25°	29.1	27.1	25.1	23.1	21.1	19.8	18.6	17.5	17.0	16.4	15.7
-42.5°	28.1	26.2	24.2	22.3	20.5	19.4	18.2	17.3	16.8	16.2	15.4
-43.75°	27.1	25.2	23.3	21.4	20.0	18.9	17.8	17.2	16.6	16.0	15.2
-45°	26.1	24.3	22.4	20.7	19.6	18.5	17.5	17.0	16.4	15.8	15.0
-46.25°	25.1	23.3	21.5	20.2	19.1	18.0	17.3	16.8	16.2	15.5	14.7
-47.5°	24.1	22.3	20.7	19.6	18.6	17.6	17.1	16.6	16.0	15.3	14.5
-48.75°	23.0	21.3	20.1	19.1	18.1	17.4	16.8	16.3	15.7	15.0	14.2
-50°	21.9	20.5	19.5	18.6	17.6	17.1	16.6	16.1	15.4	14.7	13.9
-51.25°	20.8	19.9	19.0	18.0	17.3	16.9	16.4	15.9	15.1	14.4	13.7
-52.5°	20.2	19.3	18.4	17.5	17.1	16.6	16.2	15.5	14.8	14.1	13.3
-53.75°	19.6	18.7	17.8	17.3	16.8	16.4	15.9	15.2	14.5	13.8	12.8
-55°	18.9	18.1	17.4	17.0	16.5	16.1	15.5	14.9	14.2	13.5	12.4
-56.25°	18.2	17.5	17.1	16.7	16.3	15.8	15.2	14.5	13.9	13.0	11.9
-57.5°	17.6	17.2	16.8	16.4	16.0	15.4	14.8	14.2	13.5	12.5	11.4
-58.75°	17.2	16.9	16.5	16.1	15.6	15.0	14.4	13.8	13.0	12.0	11.0
-60°	16.9	16.5	16.2	15.7	15.2	14.6	14.0	13.4	12.4	11.4	10.5
-61.25°	16.6	16.2	15.8	15.3	14.7	14.2	13.6	12.7	11.8	10.9	10.0
-62.5°	16.2	15.8	15.3	14.8	14.3	13.8	13.0	12.1	11.3	10.4	9.5
-63.75°	15.8	15.3	14.8	14.3	13.9	13.2	12.4	11.5	10.7	9.8	9.1
-65°	15.3	14.8	14.3	13.9	13.3	12.5	11.7	10.9	10.1	9.3	8.7
-66.25°	14.7	14.3	13.9	13.3	12.5	11.8	11.0	10.3	9.5	8.9	8.3
-67.5°	14.2	13.8	13.2	12.5	11.8	11.1	10.4	9.6	9.0	8.5	7.9
-68.75°	13.6	13.0	12.4	11.7	11.0	10.4	9.7	9.1	8.6	8.0	7.5
-70°	12.7	12.1	11.5	10.9	10.3	9.6	9.1	8.6	8.1	7.6	7.0
-71.25°	11.8	11.3	10.7	10.1	9.5	9.0	8.6	8.1	7.6	7.1	6.6
-72.5°	10.9	10.4	9.8	9.3	8.9	8.5	8.0	7.6	7.1	6.6	6.2
-73.75°	10.0	9.5	9.1	8.7	8.3	7.9	7.5	7.0	6.6	6.2	5.7
-75°	9.2	8.8	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.7	5.3
-76.25°	8.4	8.1	7.7	7.4	7.0	6.7	6.3	6.0	5.6	5.2	4.9
-77.5°	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.8	4.4



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0
-80°	6.1	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.6
-81.25°	5.4	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.1
-82.5°	4.6	4.4	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-83.75°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
-85°	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.2	2.1	1.9	1.8
-86.25°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-87.5°	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9
-88.75°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
85°	1.7	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.4	0.3
83.75°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
82.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
81.25°	2.9	2.7	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
80°	3.3	3.0	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
78.75°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.2	0.9	0.6
77.5°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
76.25°	4.5	4.1	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
75°	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
73.75°	5.3	4.9	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
72.5°	5.7	5.2	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
71.25°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.0
70°	6.5	6.0	5.4	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
68.75°	6.9	6.3	5.8	5.2	4.6	4.0	3.5	2.9	2.3	1.7	1.2
67.5°	7.3	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.4	1.8	1.2
66.25°	7.7	7.0	6.4	5.8	5.1	4.5	3.9	3.2	2.6	1.9	1.3
65°	8.0	7.4	6.7	6.1	5.4	4.7	4.0	3.4	2.7	2.0	1.4
63.75°	8.4	7.7	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.4
62.5°	8.8	8.1	7.3	6.6	5.9	5.2	4.4	3.7	3.0	2.2	1.5
61.25°	9.2	8.4	7.6	6.9	6.1	5.4	4.6	3.8	3.1	2.3	1.5
60°	9.5	8.7	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.6
58.75°	9.9	9.1	8.3	7.4	6.6	5.8	5.0	4.1	3.3	2.5	1.7
57.5°	10.4	9.4	8.5	7.7	6.9	6.0	5.1	4.3	3.4	2.6	1.7
56.25°	10.8	9.7	8.8	8.0	7.1	6.2	5.3	4.4	3.6	2.7	1.8
55°	11.3	10.1	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.8	1.8
53.75°	11.7	10.5	9.4	8.5	7.5	6.6	5.7	4.7	3.8	2.8	1.9
52.5°	12.1	10.9	9.7	8.7	7.8	6.8	5.8	4.9	3.9	2.9	1.9
51.25°	12.5	11.3	10.1	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0
50°	12.9	11.7	10.4	9.2	8.2	7.2	6.2	5.1	4.1	3.1	2.1
48.75°	13.3	12.0	10.7	9.5	8.4	7.4	6.3	5.3	4.2	3.2	2.1
47.5°	13.7	12.4	11.1	9.7	8.6	7.6	6.5	5.4	4.3	3.2	2.2
46.25°	13.9	12.7	11.4	10.0	8.8	7.7	6.6	5.5	4.4	3.3	2.2
45°	14.1	13.1	11.7	10.3	9.0	7.9	6.8	5.7	4.5	3.4	2.3
43.75°	14.3	13.4	12.0	10.6	9.2	8.1	6.9	5.8	4.6	3.5	2.3
42.5°	14.6	13.7	12.3	10.8	9.4	8.2	7.1	5.9	4.7	3.5	2.4
41.25°	14.8	13.9	12.6	11.1	9.6	8.4	7.2	6.0	4.8	3.6	2.4
40°	15.0	14.1	12.9	11.4	9.8	8.6	7.3	6.1	4.9	3.7	2.5
38.75°	15.2	14.3	13.1	11.6	10.1	8.7	7.5	6.2	5.0	3.7	2.5
37.5°	15.4	14.4	13.4	11.8	10.3	8.9	7.6	6.3	5.1	3.8	2.5
36.25°	15.6	14.6	13.7	12.1	10.5	9.0	7.7	6.4	5.2	3.9	2.6
35°	15.8	14.8	13.8	12.3	10.7	9.2	7.9	6.5	5.2	3.9	2.6



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	15.9	14.9	14.0	12.5	10.9	9.3	8.0	6.6	5.3	4.0	2.7
32.5°	16.1	15.1	14.1	12.8	11.1	9.4	8.1	6.7	5.4	4.0	2.7
31.25°	16.2	15.3	14.2	13.0	11.3	9.6	8.2	6.8	5.5	4.1	2.7
30°	16.3	15.4	14.4	13.2	11.4	9.7	8.3	6.9	5.5	4.2	2.8
28.75°	16.4	15.5	14.5	13.4	11.6	9.9	8.4	7.0	5.6	4.2	2.8
27.5°	16.5	15.7	14.6	13.5	11.8	10.0	8.5	7.1	5.7	4.3	2.8
26.25°	16.6	15.8	14.7	13.7	11.9	10.1	8.6	7.2	5.7	4.3	2.9
25°	16.7	15.9	14.9	13.8	12.1	10.3	8.7	7.2	5.8	4.3	2.9
23.75°	16.8	16.0	15.0	13.9	12.2	10.4	8.8	7.3	5.9	4.4	2.9
22.5°	16.9	16.1	15.1	14.0	12.4	10.5	8.9	7.4	5.9	4.4	3.0
21.25°	16.9	16.2	15.2	14.1	12.5	10.6	8.9	7.5	6.0	4.5	3.0
20°	17.0	16.3	15.3	14.1	12.6	10.7	9.0	7.5	6.0	4.5	3.0
18.75°	17.1	16.3	15.4	14.2	12.7	10.9	9.1	7.6	6.1	4.5	3.0
17.5°	17.1	16.4	15.4	14.3	12.9	10.9	9.2	7.6	6.1	4.6	3.1
16.25°	17.2	16.4	15.5	14.4	13.0	11.0	9.2	7.7	6.1	4.6	3.1
15°	17.3	16.5	15.6	14.4	13.0	11.1	9.3	7.7	6.2	4.6	3.1
13.75°	17.3	16.5	15.7	14.5	13.1	11.2	9.3	7.8	6.2	4.7	3.1
12.5°	17.4	16.6	15.7	14.5	13.2	11.3	9.4	7.8	6.2	4.7	3.1
11.25°	17.4	16.6	15.8	14.6	13.3	11.3	9.4	7.8	6.3	4.7	3.1
10°	17.5	16.7	15.8	14.6	13.4	11.4	9.5	7.9	6.3	4.7	3.2
8.75°	17.5	16.7	15.9	14.7	13.4	11.4	9.5	7.9	6.3	4.7	3.2
7.5°	17.5	16.7	15.9	14.7	13.5	11.5	9.5	7.9	6.3	4.8	3.2
6.25°	17.5	16.7	15.9	14.7	13.5	11.5	9.5	8.0	6.4	4.8	3.2
5°	17.6	16.8	16.0	14.8	13.5	11.5	9.6	8.0	6.4	4.8	3.2
3.75°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
2.5°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
1.25°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
0°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
-1.25°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
-2.5°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
-3.75°	17.6	16.8	16.0	14.8	13.6	11.6	9.6	8.0	6.4	4.8	3.2
-5°	17.6	16.8	16.0	14.8	13.5	11.5	9.6	8.0	6.4	4.8	3.2
-6.25°	17.5	16.7	15.9	14.7	13.5	11.5	9.5	8.0	6.4	4.8	3.2
-7.5°	17.5	16.7	15.9	14.7	13.5	11.5	9.5	7.9	6.3	4.8	3.2
-8.75°	17.5	16.7	15.9	14.7	13.4	11.4	9.5	7.9	6.3	4.7	3.2
-10°	17.5	16.7	15.8	14.6	13.4	11.4	9.5	7.9	6.3	4.7	3.2
-11.25°	17.4	16.6	15.8	14.6	13.3	11.3	9.4	7.8	6.3	4.7	3.1
-12.5°	17.4	16.6	15.7	14.5	13.2	11.3	9.4	7.8	6.2	4.7	3.1
-13.75°	17.3	16.5	15.7	14.5	13.1	11.2	9.3	7.8	6.2	4.7	3.1
-15°	17.3	16.5	15.6	14.4	13.0	11.1	9.3	7.7	6.2	4.6	3.1
-16.25°	17.2	16.4	15.5	14.4	13.0	11.0	9.2	7.7	6.1	4.6	3.1
-17.5°	17.1	16.4	15.4	14.3	12.9	10.9	9.2	7.6	6.1	4.6	3.1
-18.75°	17.1	16.3	15.4	14.2	12.7	10.9	9.1	7.6	6.1	4.5	3.0
-20°	17.0	16.3	15.3	14.1	12.6	10.7	9.0	7.5	6.0	4.5	3.0
-21.25°	16.9	16.2	15.2	14.1	12.5	10.6	8.9	7.5	6.0	4.5	3.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	16.9	16.1	15.1	14.0	12.4	10.5	8.9	7.4	5.9	4.4	3.0
-23.75°	16.8	16.0	15.0	13.9	12.2	10.4	8.8	7.3	5.9	4.4	2.9
-25°	16.7	15.9	14.9	13.8	12.1	10.3	8.7	7.2	5.8	4.3	2.9
-26.25°	16.6	15.8	14.7	13.7	11.9	10.1	8.6	7.2	5.7	4.3	2.9
-27.5°	16.5	15.7	14.6	13.5	11.8	10.0	8.5	7.1	5.7	4.3	2.8
-28.75°	16.4	15.5	14.5	13.4	11.6	9.9	8.4	7.0	5.6	4.2	2.8
-30°	16.3	15.4	14.4	13.2	11.4	9.7	8.3	6.9	5.5	4.2	2.8
-31.25°	16.2	15.3	14.2	13.0	11.3	9.6	8.2	6.8	5.5	4.1	2.7
-32.5°	16.1	15.1	14.1	12.8	11.1	9.4	8.1	6.7	5.4	4.0	2.7
-33.75°	15.9	14.9	14.0	12.5	10.9	9.3	8.0	6.6	5.3	4.0	2.7
-35°	15.8	14.8	13.8	12.3	10.7	9.2	7.9	6.5	5.2	3.9	2.6
-36.25°	15.6	14.6	13.7	12.1	10.5	9.0	7.7	6.4	5.2	3.9	2.6
-37.5°	15.4	14.4	13.4	11.8	10.3	8.9	7.6	6.3	5.1	3.8	2.5
-38.75°	15.2	14.3	13.1	11.6	10.1	8.7	7.5	6.2	5.0	3.7	2.5
-40°	15.0	14.1	12.9	11.4	9.8	8.6	7.3	6.1	4.9	3.7	2.5
-41.25°	14.8	13.9	12.6	11.1	9.6	8.4	7.2	6.0	4.8	3.6	2.4
-42.5°	14.6	13.7	12.3	10.8	9.4	8.2	7.1	5.9	4.7	3.5	2.4
-43.75°	14.3	13.4	12.0	10.6	9.2	8.1	6.9	5.8	4.6	3.5	2.3
-45°	14.1	13.1	11.7	10.3	9.0	7.9	6.8	5.7	4.5	3.4	2.3
-46.25°	13.9	12.7	11.4	10.0	8.8	7.7	6.6	5.5	4.4	3.3	2.2
-47.5°	13.7	12.4	11.1	9.7	8.6	7.6	6.5	5.4	4.3	3.2	2.2
-48.75°	13.3	12.0	10.7	9.5	8.4	7.4	6.3	5.3	4.2	3.2	2.1
-50°	12.9	11.7	10.4	9.2	8.2	7.2	6.2	5.1	4.1	3.1	2.1
-51.25°	12.5	11.3	10.1	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0
-52.5°	12.1	10.9	9.7	8.7	7.8	6.8	5.8	4.9	3.9	2.9	1.9
-53.75°	11.7	10.5	9.4	8.5	7.5	6.6	5.7	4.7	3.8	2.8	1.9
-55°	11.3	10.1	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.8	1.8
-56.25°	10.8	9.7	8.8	8.0	7.1	6.2	5.3	4.4	3.6	2.7	1.8
-57.5°	10.4	9.4	8.5	7.7	6.9	6.0	5.1	4.3	3.4	2.6	1.7
-58.75°	9.9	9.1	8.3	7.4	6.6	5.8	5.0	4.1	3.3	2.5	1.7
-60°	9.5	8.7	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.6
-61.25°	9.2	8.4	7.6	6.9	6.1	5.4	4.6	3.8	3.1	2.3	1.5
-62.5°	8.8	8.1	7.3	6.6	5.9	5.2	4.4	3.7	3.0	2.2	1.5
-63.75°	8.4	7.7	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.4
-65°	8.0	7.4	6.7	6.1	5.4	4.7	4.0	3.4	2.7	2.0	1.4
-66.25°	7.7	7.0	6.4	5.8	5.1	4.5	3.9	3.2	2.6	1.9	1.3
-67.5°	7.3	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.4	1.8	1.2
-68.75°	6.9	6.3	5.8	5.2	4.6	4.0	3.5	2.9	2.3	1.7	1.2
-70°	6.5	6.0	5.4	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.1
-71.25°	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.0
-72.5°	5.7	5.2	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
-73.75°	5.3	4.9	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
-75°	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
-76.25°	4.5	4.1	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
-77.5°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.2	0.9	0.6
-80°	3.3	3.0	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
-81.25°	2.9	2.7	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
-82.5°	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
-83.75°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-85°	1.7	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.4	0.3
-86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-87.5°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
-88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-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°	0.2	0.0
82.5°	0.2	0.0
81.25°	0.2	0.0
80°	0.3	0.0
78.75°	0.3	0.0
77.5°	0.3	0.0
76.25°	0.4	0.0
75°	0.4	0.0
73.75°	0.4	0.0
72.5°	0.5	0.0
71.25°	0.5	0.0
70°	0.5	0.0
68.75°	0.6	0.0
67.5°	0.6	0.0
66.25°	0.6	0.0
65°	0.7	0.0
63.75°	0.7	0.0
62.5°	0.7	0.0
61.25°	0.8	0.0
60°	0.8	0.0
58.75°	0.8	0.0
57.5°	0.9	0.0
56.25°	0.9	0.0
55°	0.9	0.0
53.75°	0.9	0.0
52.5°	1.0	0.0
51.25°	1.0	0.0
50°	1.0	0.0
48.75°	1.1	0.0
47.5°	1.1	0.0
46.25°	1.1	0.0
45°	1.1	0.0
43.75°	1.2	0.0
42.5°	1.2	0.0
41.25°	1.2	0.0
40°	1.2	0.0
38.75°	1.2	0.0
37.5°	1.3	0.0
36.25°	1.3	0.0
35°	1.3	0.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.3	0.0
32.5°	1.3	0.0
31.25°	1.4	0.0
30°	1.4	0.0
28.75°	1.4	0.0
27.5°	1.4	0.0
26.25°	1.4	0.0
25°	1.5	0.0
23.75°	1.5	0.0
22.5°	1.5	0.0
21.25°	1.5	0.0
20°	1.5	0.0
18.75°	1.5	0.0
17.5°	1.5	0.0
16.25°	1.5	0.0
15°	1.5	0.0
13.75°	1.6	0.0
12.5°	1.6	0.0
11.25°	1.6	0.0
10°	1.6	0.0
8.75°	1.6	0.0
7.5°	1.6	0.0
6.25°	1.6	0.0
5°	1.6	0.0
3.75°	1.6	0.0
2.5°	1.6	0.0
1.25°	1.6	0.0
0°	1.6	0.0
-1.25°	1.6	0.0
-2.5°	1.6	0.0
-3.75°	1.6	0.0
-5°	1.6	0.0
-6.25°	1.6	0.0
-7.5°	1.6	0.0
-8.75°	1.6	0.0
-10°	1.6	0.0
-11.25°	1.6	0.0
-12.5°	1.6	0.0
-13.75°	1.6	0.0
-15°	1.5	0.0
-16.25°	1.5	0.0
-17.5°	1.5	0.0
-18.75°	1.5	0.0
-20°	1.5	0.0
-21.25°	1.5	0.0



REPORT NUMBER: P220465 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.5	0.0
-23.75°	1.5	0.0
-25°	1.5	0.0
-26.25°	1.4	0.0
-27.5°	1.4	0.0
-28.75°	1.4	0.0
-30°	1.4	0.0
-31.25°	1.4	0.0
-32.5°	1.3	0.0
-33.75°	1.3	0.0
-35°	1.3	0.0
-36.25°	1.3	0.0
-37.5°	1.3	0.0
-38.75°	1.2	0.0
-40°	1.2	0.0
-41.25°	1.2	0.0
-42.5°	1.2	0.0
-43.75°	1.2	0.0
-45°	1.1	0.0
-46.25°	1.1	0.0
-47.5°	1.1	0.0
-48.75°	1.1	0.0
-50°	1.0	0.0
-51.25°	1.0	0.0
-52.5°	1.0	0.0
-53.75°	0.9	0.0
-55°	0.9	0.0
-56.25°	0.9	0.0
-57.5°	0.9	0.0
-58.75°	0.8	0.0
-60°	0.8	0.0
-61.25°	0.8	0.0
-62.5°	0.7	0.0
-63.75°	0.7	0.0
-65°	0.7	0.0
-66.25°	0.6	0.0
-67.5°	0.6	0.0
-68.75°	0.6	0.0
-70°	0.5	0.0
-71.25°	0.5	0.0
-72.5°	0.5	0.0
-73.75°	0.4	0.0
-75°	0.4	0.0
-76.25°	0.4	0.0
-77.5°	0.3	0.0



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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.3	0.0
-80°	0.3	0.0
-81.25°	0.2	0.0
-82.5°	0.2	0.0
-83.75°	0.2	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)