

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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

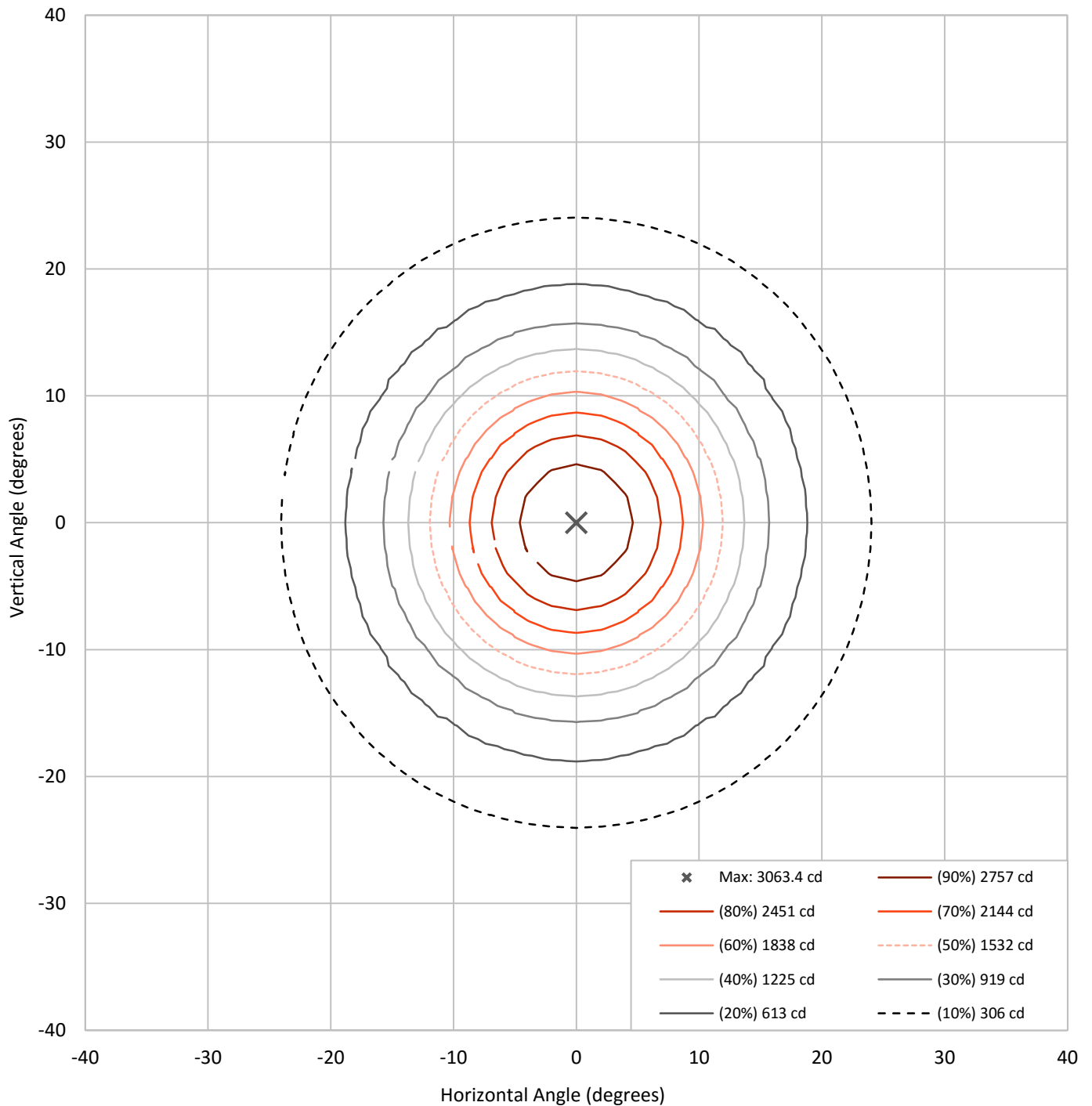
Test Method: LM-79-08
Report Number: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-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:	750.3 lumens	Max Intensity:	3063.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.6 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:	299.3 lumens	Field Lumens:	588.5 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	9.8		
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		

REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

Iso-Candela Plot





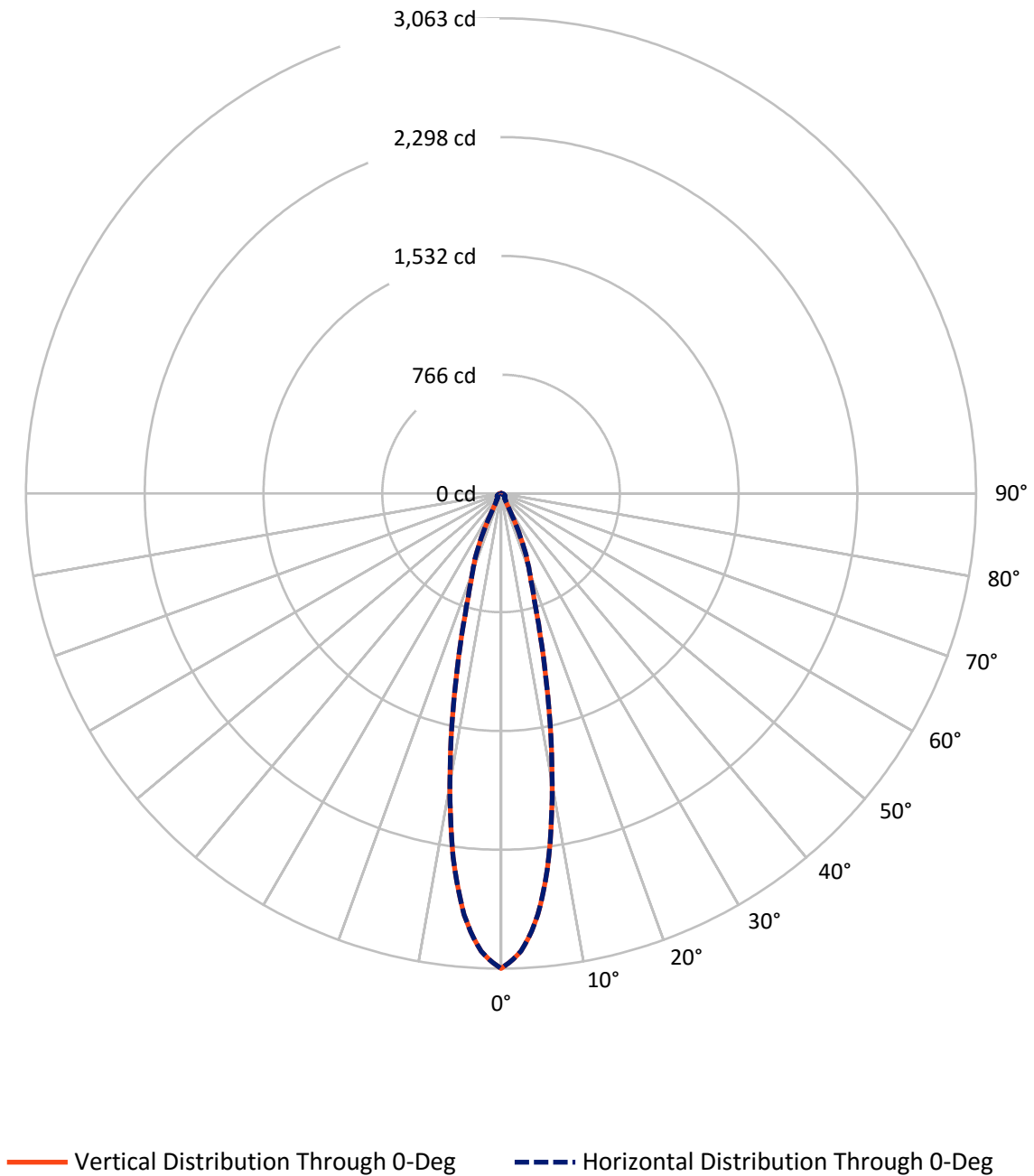
REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

Lumen Table

90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
70	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1			
60		0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.2	0.1				
50	0.1	0.2	0.3	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.3	0.2	0.1			
40		0.2	0.4	0.7	0.8	1.0	1.2	1.4	1.4	1.2	1.0	0.8	0.7	0.4	0.2				
30	0.2	0.2	0.5	0.7	0.9	1.3	3.3	7.1	7.1	3.3	1.3	0.9	0.7	0.5	0.2	0.2			
20		0.3	0.5	0.7	1.0	3.1	14.1	28.7	28.7	14.1	3.1	1.0	0.7	0.5	0.3				
10	0.2	0.3	0.5	0.7	1.1	6.6	27.9	68.9	68.9	27.9	6.6	1.1	0.7	0.5	0.3	0.2			
0		0.3	0.5	0.7	1.1	6.6	27.9	68.9	68.9	27.9	6.6	1.1	0.7	0.5	0.3				
-10	0.2	0.3	0.5	0.7	1.1	6.6	27.9	68.9	68.9	27.9	6.6	1.1	0.7	0.5	0.3	0.2			
-20		0.3	0.5	0.7	1.0	3.1	14.1	28.7	28.7	14.1	3.1	1.0	0.7	0.5	0.3				
-30	0.1	0.2	0.5	0.7	0.9	1.3	3.3	7.1	7.1	3.3	1.3	0.9	0.7	0.5	0.2	0.1			
-40		0.2	0.4	0.7	0.8	1.0	1.2	1.4	1.4	1.2	1.0	0.8	0.7	0.4	0.2				
-50	0.1	0.2	0.3	0.6	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.3	0.2	0.1			
-60		0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.2	0.1				
-70	0.1	0.1	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.2	0.1	0.1			
-80		0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1				
-90	0.0	0.2	0.5	0.7	0.8	0.7	0.5	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

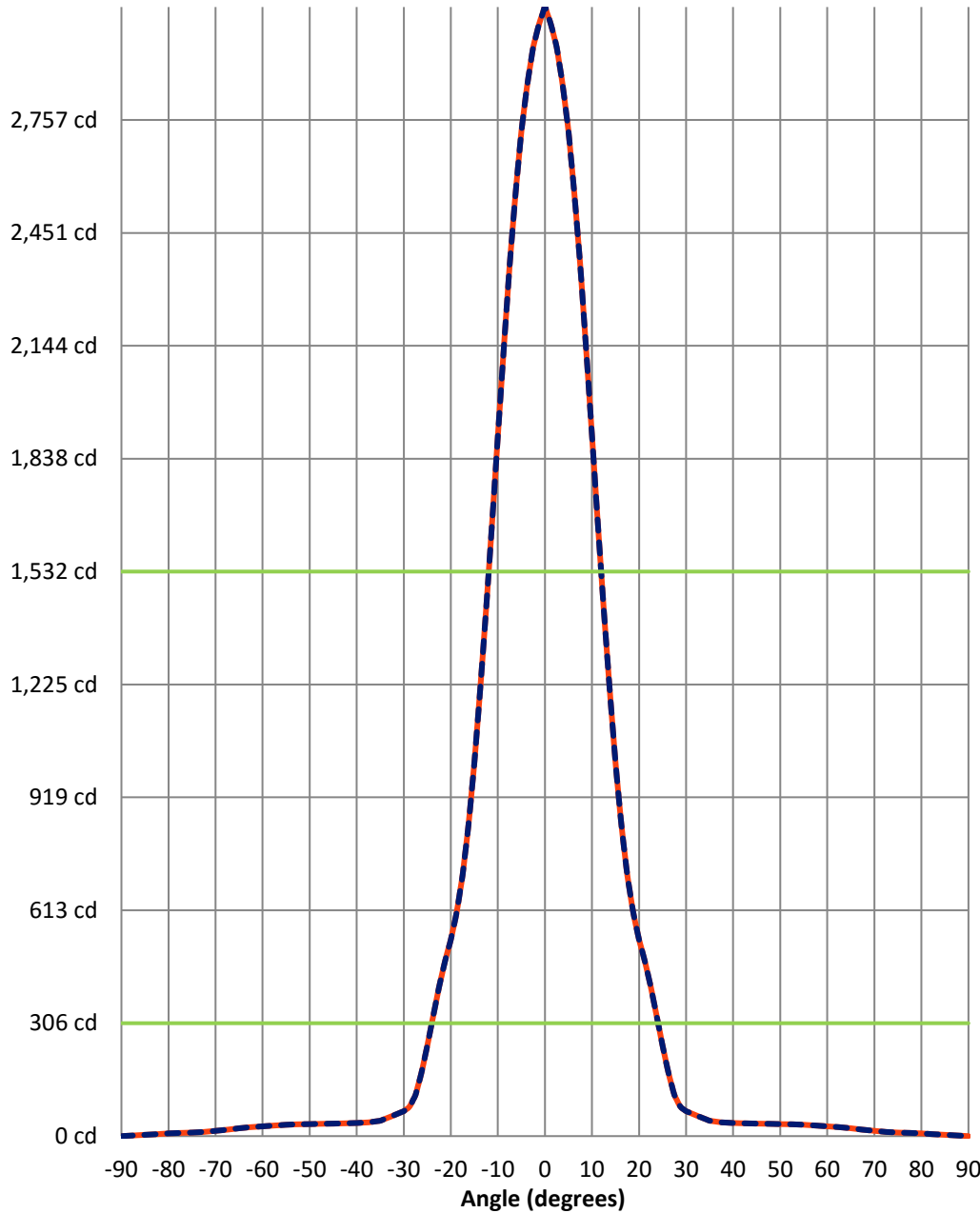
REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 23.9°
 V Angle: 23.9°
 Lumens: 299.3
 Efficiency: 39.9%

Field:
 H Angle: 48.1°
 V Angle: 48.1°
 Lumens: 588.5
 Efficiency: 78.4%

Spill:
 Lumens: 161.8
 Efficiency: 21.6%

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



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	5.0	5.9	6.8	7.6
32.5°	0.0	0.7	1.4	2.2	2.9	3.7	4.4	5.1	6.0	6.9	7.7
31.25°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.2	6.1	7.0	7.7
30°	0.0	0.7	1.5	2.2	3.0	3.8	4.5	5.3	6.2	7.2	7.8
28.75°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.3	7.3	7.9
27.5°	0.0	0.8	1.5	2.3	3.1	3.9	4.6	5.4	6.4	7.4	8.0
26.25°	0.0	0.8	1.5	2.3	3.1	3.9	4.7	5.5	6.5	7.4	8.0
25°	0.0	0.8	1.5	2.3	3.2	4.0	4.7	5.6	6.6	7.5	8.1
23.75°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.6	7.5	8.1
22.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.7	6.7	7.6	8.2
21.25°	0.0	0.8	1.6	2.4	3.3	4.1	4.9	5.8	6.8	7.6	8.3
20°	0.0	0.8	1.6	2.4	3.3	4.1	4.9	5.8	6.9	7.7	8.3
18.75°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.9	6.9	7.7	8.3
17.5°	0.0	0.8	1.6	2.5	3.3	4.2	5.0	5.9	7.0	7.8	8.4
16.25°	0.0	0.8	1.6	2.5	3.4	4.2	5.0	6.0	7.0	7.8	8.4
15°	0.0	0.8	1.6	2.5	3.4	4.2	5.0	6.0	7.1	7.8	8.5
13.75°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	6.1	7.1	7.9	8.5
12.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	6.1	7.2	7.9	8.5
11.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.1	6.2	7.2	7.9	8.6
10°	0.0	0.8	1.7	2.6	3.4	4.3	5.1	6.2	7.3	8.0	8.6
8.75°	0.0	0.8	1.7	2.6	3.5	4.3	5.1	6.2	7.3	8.0	8.6
7.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.2	7.3	8.0	8.6
6.25°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.3	8.0	8.7
5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
3.75°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
2.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
1.25°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
0°	0.0	0.8	1.7	2.6	3.5	4.4	5.2	6.3	7.4	8.1	8.7
-1.25°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
-2.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
-3.75°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
-5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.4	8.0	8.7
-6.25°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.3	7.3	8.0	8.7
-7.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.2	7.3	8.0	8.6
-8.75°	0.0	0.8	1.7	2.6	3.5	4.3	5.1	6.2	7.3	8.0	8.6
-10°	0.0	0.8	1.7	2.6	3.4	4.3	5.1	6.2	7.3	8.0	8.6
-11.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.1	6.2	7.2	7.9	8.6
-12.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	6.1	7.2	7.9	8.5
-13.75°	0.0	0.8	1.7	2.5	3.4	4.2	5.1	6.1	7.1	7.9	8.5
-15°	0.0	0.8	1.6	2.5	3.4	4.2	5.0	6.0	7.1	7.8	8.5
-16.25°	0.0	0.8	1.6	2.5	3.4	4.2	5.0	6.0	7.0	7.8	8.4
-17.5°	0.0	0.8	1.6	2.5	3.3	4.2	5.0	5.9	7.0	7.8	8.4
-18.75°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.9	6.9	7.7	8.3
-20°	0.0	0.8	1.6	2.4	3.3	4.1	4.9	5.8	6.9	7.7	8.3
-21.25°	0.0	0.8	1.6	2.4	3.3	4.1	4.9	5.8	6.8	7.6	8.3



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.7	6.7	7.6	8.2
-23.75°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.6	7.5	8.1
-25°	0.0	0.8	1.5	2.3	3.2	4.0	4.7	5.6	6.6	7.5	8.1
-26.25°	0.0	0.8	1.5	2.3	3.1	3.9	4.7	5.5	6.5	7.4	8.0
-27.5°	0.0	0.8	1.5	2.3	3.1	3.9	4.6	5.4	6.4	7.4	8.0
-28.75°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.3	7.3	7.9
-30°	0.0	0.7	1.5	2.2	3.0	3.8	4.5	5.3	6.2	7.2	7.8
-31.25°	0.0	0.7	1.5	2.2	3.0	3.7	4.5	5.2	6.1	7.0	7.7
-32.5°	0.0	0.7	1.4	2.2	2.9	3.7	4.4	5.1	6.0	6.9	7.7
-33.75°	0.0	0.7	1.4	2.1	2.9	3.6	4.3	5.0	5.9	6.8	7.6
-35°	0.0	0.7	1.4	2.1	2.8	3.6	4.3	5.0	5.8	6.7	7.5
-36.25°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.7	6.6	7.4
-37.5°	0.0	0.7	1.3	2.0	2.8	3.5	4.1	4.8	5.6	6.4	7.3
-38.75°	0.0	0.7	1.3	2.0	2.7	3.4	4.1	4.7	5.4	6.3	7.2
-40°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.7	5.3	6.2	7.0
-41.25°	0.0	0.6	1.3	1.9	2.6	3.3	3.9	4.6	5.2	6.0	6.8
-42.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.5	5.1	5.9	6.7
-43.75°	0.0	0.6	1.2	1.8	2.5	3.1	3.8	4.4	5.0	5.7	6.5
-45°	0.0	0.6	1.2	1.8	2.4	3.1	3.7	4.3	4.9	5.6	6.3
-46.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.2
-47.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.5	4.1	4.7	5.3	6.0
-48.75°	0.0	0.6	1.1	1.7	2.3	2.9	3.5	4.0	4.6	5.1	5.8
-50°	0.0	0.5	1.1	1.6	2.2	2.8	3.4	3.9	4.5	5.0	5.6
-51.25°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.9	5.5
-52.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	3.7	4.2	4.7	5.3
-53.75°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.6	4.1	4.6	5.1
-55°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	4.9
-56.25°	0.0	0.5	0.9	1.4	1.9	2.4	2.9	3.4	3.9	4.3	4.8
-57.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.8	3.3	3.7	4.2	4.6
-58.75°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.2	3.6	4.0	4.5
-60°	0.0	0.4	0.8	1.3	1.7	2.1	2.6	3.0	3.5	3.9	4.3
-61.25°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.8	4.2
-62.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-63.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.8
-65°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	2.9	3.3	3.7
-66.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.5
-67.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.3
-68.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.2	2.5	2.8	3.1
-70°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	2.0	2.4	2.7	3.0
-71.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8
-72.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
-73.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
-75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2
-76.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-77.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9
82.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.3
81.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7
80°	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.1
78.75°	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1	3.3	3.5
77.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.8
76.25°	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.2
75°	2.4	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6
73.75°	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9
72.5°	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3
71.25°	3.1	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.5	5.8
70°	3.3	3.6	3.8	4.1	4.4	4.7	4.9	5.2	5.6	5.9	6.3
68.75°	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.6	6.0	6.4	6.7
67.5°	3.6	4.0	4.3	4.6	4.9	5.2	5.6	6.0	6.4	6.8	7.2
66.25°	3.8	4.2	4.5	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.5
65°	4.0	4.4	4.7	5.1	5.5	5.9	6.4	6.8	7.2	7.6	7.8
63.75°	4.2	4.6	4.9	5.3	5.8	6.3	6.7	7.2	7.5	7.8	8.1
62.5°	4.4	4.8	5.1	5.6	6.1	6.6	7.1	7.5	7.8	8.1	8.3
61.25°	4.6	5.0	5.4	5.9	6.4	6.9	7.4	7.7	8.0	8.3	8.6
60°	4.7	5.2	5.7	6.2	6.7	7.3	7.6	7.9	8.2	8.5	8.8
58.75°	4.9	5.4	5.9	6.5	7.0	7.5	7.8	8.2	8.5	8.8	9.0
57.5°	5.1	5.6	6.2	6.8	7.4	7.7	8.0	8.4	8.7	8.9	9.1
56.25°	5.3	5.9	6.5	7.1	7.5	7.9	8.2	8.6	8.9	9.1	9.3
55°	5.5	6.1	6.7	7.3	7.7	8.1	8.4	8.8	9.0	9.3	9.5
53.75°	5.7	6.3	7.0	7.5	7.9	8.3	8.6	8.9	9.2	9.4	9.7
52.5°	5.9	6.6	7.2	7.7	8.1	8.4	8.8	9.0	9.3	9.6	10.0
51.25°	6.1	6.8	7.4	7.8	8.2	8.6	8.9	9.2	9.5	9.8	10.3
50°	6.3	7.0	7.6	8.0	8.4	8.8	9.0	9.3	9.6	10.1	10.6
48.75°	6.5	7.2	7.7	8.1	8.6	8.9	9.2	9.5	9.9	10.4	10.9
47.5°	6.7	7.4	7.9	8.3	8.7	9.0	9.3	9.6	10.1	10.7	11.2
46.25°	6.9	7.6	8.0	8.4	8.8	9.1	9.4	9.8	10.4	11.0	11.7
45°	7.1	7.7	8.1	8.6	8.9	9.2	9.5	10.1	10.7	11.2	12.2
43.75°	7.3	7.8	8.3	8.7	9.0	9.3	9.7	10.3	10.9	11.6	12.7
42.5°	7.4	7.9	8.4	8.8	9.1	9.5	9.9	10.5	11.1	12.1	13.1
41.25°	7.6	8.0	8.5	8.9	9.2	9.6	10.2	10.8	11.5	12.5	13.6
40°	7.7	8.1	8.6	9.0	9.3	9.7	10.4	11.0	11.9	13.0	14.1
38.75°	7.8	8.3	8.7	9.1	9.4	9.9	10.6	11.2	12.3	13.4	14.5
37.5°	7.9	8.4	8.8	9.2	9.5	10.1	10.8	11.5	12.7	13.8	15.0
36.25°	7.9	8.5	8.9	9.3	9.6	10.3	11.0	11.9	13.0	14.2	15.4
35°	8.0	8.6	9.0	9.3	9.8	10.5	11.1	12.2	13.4	14.6	15.8



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	8.1	8.7	9.0	9.4	9.9	10.6	11.3	12.6	13.8	15.0	16.3
32.5°	8.2	8.7	9.1	9.5	10.1	10.8	11.7	12.9	14.1	15.4	16.7
31.25°	8.3	8.8	9.2	9.6	10.2	11.0	12.0	13.2	14.5	15.8	17.0
30°	8.4	8.9	9.2	9.7	10.4	11.1	12.3	13.5	14.8	16.1	17.4
28.75°	8.5	8.9	9.3	9.8	10.5	11.3	12.5	13.8	15.1	16.5	17.9
27.5°	8.5	9.0	9.4	9.9	10.7	11.5	12.8	14.1	15.5	16.8	18.3
26.25°	8.6	9.0	9.4	10.0	10.8	11.7	13.1	14.4	15.8	17.1	18.8
25°	8.7	9.1	9.5	10.2	10.9	12.0	13.3	14.7	16.0	17.4	19.2
23.75°	8.7	9.1	9.5	10.3	11.0	12.2	13.5	14.9	16.3	17.8	19.6
22.5°	8.8	9.2	9.6	10.4	11.1	12.4	13.8	15.2	16.6	18.2	19.9
21.25°	8.8	9.2	9.7	10.5	11.3	12.6	14.0	15.4	16.8	18.5	20.3
20°	8.8	9.3	9.8	10.6	11.4	12.8	14.2	15.6	17.1	18.8	20.6
18.75°	8.9	9.3	9.8	10.6	11.6	13.0	14.4	15.8	17.3	19.1	20.9
17.5°	8.9	9.3	9.9	10.7	11.7	13.1	14.6	16.0	17.5	19.4	21.2
16.25°	8.9	9.4	10.0	10.8	11.9	13.3	14.7	16.2	17.8	19.6	21.5
15°	9.0	9.4	10.1	10.9	12.0	13.4	14.9	16.4	18.0	19.9	21.6
13.75°	9.0	9.4	10.1	10.9	12.1	13.6	15.1	16.6	18.2	20.1	21.8
12.5°	9.0	9.5	10.2	11.0	12.2	13.7	15.2	16.7	18.4	20.3	22.0
11.25°	9.1	9.5	10.2	11.1	12.4	13.8	15.3	16.8	18.6	20.5	22.2
10°	9.1	9.5	10.3	11.1	12.4	13.9	15.4	17.0	18.8	20.7	22.3
8.75°	9.1	9.5	10.3	11.2	12.5	14.0	15.5	17.1	18.9	20.8	22.4
7.5°	9.1	9.6	10.4	11.2	12.6	14.1	15.6	17.1	19.0	20.9	22.5
6.25°	9.1	9.6	10.4	11.2	12.7	14.2	15.7	17.2	19.1	21.1	22.6
5°	9.1	9.6	10.4	11.3	12.7	14.2	15.7	17.3	19.2	21.1	22.7
3.75°	9.1	9.6	10.4	11.3	12.8	14.2	15.8	17.3	19.3	21.2	22.7
2.5°	9.1	9.6	10.4	11.3	12.8	14.3	15.8	17.4	19.3	21.3	22.8
1.25°	9.1	9.6	10.4	11.3	12.8	14.3	15.8	17.4	19.3	21.3	22.8
0°	9.2	9.6	10.5	11.3	12.8	14.3	15.9	17.4	19.4	21.3	22.8
-1.25°	9.1	9.6	10.4	11.3	12.8	14.3	15.8	17.4	19.3	21.3	22.8
-2.5°	9.1	9.6	10.4	11.3	12.8	14.3	15.8	17.4	19.3	21.3	22.8
-3.75°	9.1	9.6	10.4	11.3	12.8	14.2	15.8	17.3	19.3	21.2	22.7
-5°	9.1	9.6	10.4	11.3	12.7	14.2	15.7	17.3	19.2	21.1	22.7
-6.25°	9.1	9.6	10.4	11.2	12.7	14.2	15.7	17.2	19.1	21.1	22.6
-7.5°	9.1	9.6	10.4	11.2	12.6	14.1	15.6	17.1	19.0	20.9	22.5
-8.75°	9.1	9.5	10.3	11.2	12.5	14.0	15.5	17.1	18.9	20.8	22.4
-10°	9.1	9.5	10.3	11.1	12.4	13.9	15.4	17.0	18.8	20.7	22.3
-11.25°	9.1	9.5	10.2	11.1	12.4	13.8	15.3	16.8	18.6	20.5	22.2
-12.5°	9.0	9.5	10.2	11.0	12.2	13.7	15.2	16.7	18.4	20.3	22.0
-13.75°	9.0	9.4	10.1	10.9	12.1	13.6	15.1	16.6	18.2	20.1	21.8
-15°	9.0	9.4	10.1	10.9	12.0	13.4	14.9	16.4	18.0	19.9	21.6
-16.25°	8.9	9.4	10.0	10.8	11.9	13.3	14.7	16.2	17.8	19.6	21.5
-17.5°	8.9	9.3	9.9	10.7	11.7	13.1	14.6	16.0	17.5	19.4	21.2
-18.75°	8.9	9.3	9.8	10.6	11.6	13.0	14.4	15.8	17.3	19.1	20.9
-20°	8.8	9.3	9.8	10.6	11.4	12.8	14.2	15.6	17.1	18.8	20.6
-21.25°	8.8	9.2	9.7	10.5	11.3	12.6	14.0	15.4	16.8	18.5	20.3



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	8.8	9.2	9.6	10.4	11.1	12.4	13.8	15.2	16.6	18.2	19.9
-23.75°	8.7	9.1	9.5	10.3	11.0	12.2	13.5	14.9	16.3	17.8	19.6
-25°	8.7	9.1	9.5	10.2	10.9	12.0	13.3	14.7	16.0	17.4	19.2
-26.25°	8.6	9.0	9.4	10.0	10.8	11.7	13.1	14.4	15.8	17.1	18.8
-27.5°	8.5	9.0	9.4	9.9	10.7	11.5	12.8	14.1	15.5	16.8	18.3
-28.75°	8.5	8.9	9.3	9.8	10.5	11.3	12.5	13.8	15.1	16.5	17.9
-30°	8.4	8.9	9.2	9.7	10.4	11.1	12.3	13.5	14.8	16.1	17.4
-31.25°	8.3	8.8	9.2	9.6	10.2	11.0	12.0	13.2	14.5	15.8	17.0
-32.5°	8.2	8.7	9.1	9.5	10.1	10.8	11.7	12.9	14.1	15.4	16.7
-33.75°	8.1	8.7	9.0	9.4	9.9	10.6	11.3	12.6	13.8	15.0	16.3
-35°	8.0	8.6	9.0	9.3	9.8	10.5	11.1	12.2	13.4	14.6	15.8
-36.25°	7.9	8.5	8.9	9.3	9.6	10.3	11.0	11.9	13.0	14.2	15.4
-37.5°	7.9	8.4	8.8	9.2	9.5	10.1	10.8	11.5	12.7	13.8	15.0
-38.75°	7.8	8.3	8.7	9.1	9.4	9.9	10.6	11.2	12.3	13.4	14.5
-40°	7.7	8.1	8.6	9.0	9.3	9.7	10.4	11.0	11.9	13.0	14.1
-41.25°	7.6	8.0	8.5	8.9	9.2	9.6	10.2	10.8	11.5	12.5	13.6
-42.5°	7.4	7.9	8.4	8.8	9.1	9.5	9.9	10.5	11.1	12.1	13.1
-43.75°	7.3	7.8	8.3	8.7	9.0	9.3	9.7	10.3	10.9	11.6	12.7
-45°	7.1	7.7	8.1	8.6	8.9	9.2	9.5	10.1	10.7	11.2	12.2
-46.25°	6.9	7.6	8.0	8.4	8.8	9.1	9.4	9.8	10.4	11.0	11.7
-47.5°	6.7	7.4	7.9	8.3	8.7	9.0	9.3	9.6	10.1	10.7	11.2
-48.75°	6.5	7.2	7.7	8.1	8.6	8.9	9.2	9.5	9.9	10.4	10.9
-50°	6.3	7.0	7.6	8.0	8.4	8.8	9.0	9.3	9.6	10.1	10.6
-51.25°	6.1	6.8	7.4	7.8	8.2	8.6	8.9	9.2	9.5	9.8	10.3
-52.5°	5.9	6.6	7.2	7.7	8.1	8.4	8.8	9.0	9.3	9.6	10.0
-53.75°	5.7	6.3	7.0	7.5	7.9	8.3	8.6	8.9	9.2	9.4	9.7
-55°	5.5	6.1	6.7	7.3	7.7	8.1	8.4	8.8	9.0	9.3	9.5
-56.25°	5.3	5.9	6.5	7.1	7.5	7.9	8.2	8.6	8.9	9.1	9.3
-57.5°	5.1	5.6	6.2	6.8	7.4	7.7	8.0	8.4	8.7	8.9	9.1
-58.75°	4.9	5.4	5.9	6.5	7.0	7.5	7.8	8.2	8.5	8.8	9.0
-60°	4.7	5.2	5.7	6.2	6.7	7.3	7.6	7.9	8.2	8.5	8.8
-61.25°	4.6	5.0	5.4	5.9	6.4	6.9	7.4	7.7	8.0	8.3	8.6
-62.5°	4.4	4.8	5.1	5.6	6.1	6.6	7.1	7.5	7.8	8.1	8.3
-63.75°	4.2	4.6	4.9	5.3	5.8	6.3	6.7	7.2	7.5	7.8	8.1
-65°	4.0	4.4	4.7	5.1	5.5	5.9	6.4	6.8	7.2	7.6	7.8
-66.25°	3.8	4.2	4.5	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.5
-67.5°	3.6	4.0	4.3	4.6	4.9	5.2	5.6	6.0	6.4	6.8	7.2
-68.75°	3.5	3.8	4.1	4.4	4.6	4.9	5.2	5.6	6.0	6.4	6.7
-70°	3.3	3.6	3.8	4.1	4.4	4.7	4.9	5.2	5.6	5.9	6.3
-71.25°	3.1	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.5	5.8
-72.5°	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.8	5.1	5.3
-73.75°	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9
-75°	2.4	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6
-76.25°	2.2	2.4	2.6	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.2
-77.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7	3.8



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1	3.3	3.5
-80°	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.1
-81.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7
-82.5°	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.3
-83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9
-85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
-86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
85°	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2
83.75°	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8
82.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
81.25°	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
80°	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.5
78.75°	3.6	3.8	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
77.5°	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.3	5.5	5.6
76.25°	4.4	4.6	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3
75°	4.8	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.6	6.8	7.0
73.75°	5.1	5.4	5.7	5.9	6.2	6.5	6.7	7.0	7.2	7.4	7.6
72.5°	5.6	5.9	6.2	6.5	6.8	7.1	7.3	7.5	7.7	7.8	8.0
71.25°	6.1	6.4	6.7	7.0	7.4	7.5	7.7	7.9	8.1	8.2	8.4
70°	6.6	6.9	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.6	8.8
68.75°	7.1	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.0
67.5°	7.5	7.7	7.9	8.2	8.4	8.6	8.8	8.9	9.0	9.2	9.3
66.25°	7.8	8.0	8.2	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6
65°	8.1	8.3	8.5	8.8	8.9	9.1	9.3	9.4	9.6	9.8	10.1
63.75°	8.3	8.6	8.8	9.0	9.1	9.3	9.5	9.7	10.0	10.3	10.6
62.5°	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.2	10.5	10.8	11.1
61.25°	8.8	9.0	9.2	9.4	9.6	9.9	10.3	10.6	11.0	11.3	11.9
60°	9.0	9.2	9.4	9.6	10.0	10.4	10.7	11.1	11.6	12.2	12.8
58.75°	9.2	9.4	9.6	10.0	10.4	10.8	11.2	11.7	12.4	13.0	13.7
57.5°	9.4	9.6	10.0	10.4	10.8	11.2	11.8	12.5	13.2	13.9	14.6
56.25°	9.6	9.9	10.4	10.8	11.2	11.9	12.6	13.3	14.0	14.7	15.4
55°	9.8	10.3	10.7	11.2	11.8	12.6	13.3	14.1	14.8	15.6	16.3
53.75°	10.2	10.6	11.1	11.7	12.5	13.3	14.1	14.9	15.7	16.4	17.2
52.5°	10.5	11.0	11.6	12.4	13.2	14.0	14.8	15.7	16.5	17.3	18.2
51.25°	10.8	11.3	12.2	13.0	13.9	14.7	15.6	16.4	17.3	18.3	19.3
50°	11.1	11.9	12.8	13.7	14.6	15.4	16.3	17.2	18.2	19.3	20.4
48.75°	11.6	12.5	13.4	14.3	15.2	16.1	17.1	18.1	19.2	20.3	21.4
47.5°	12.1	13.1	14.0	14.9	15.9	16.8	17.9	19.0	20.2	21.3	22.2
46.25°	12.6	13.6	14.6	15.6	16.5	17.5	18.8	20.0	21.1	22.1	23.0
45°	13.2	14.2	15.2	16.2	17.2	18.4	19.6	20.9	21.9	22.8	23.7
43.75°	13.7	14.7	15.8	16.8	17.9	19.2	20.5	21.6	22.6	23.6	24.4
42.5°	14.2	15.3	16.3	17.4	18.7	20.0	21.3	22.3	23.3	24.3	25.0
41.25°	14.7	15.8	16.9	18.1	19.5	20.8	22.0	23.0	24.0	24.8	25.5
40°	15.2	16.3	17.4	18.8	20.2	21.5	22.6	23.6	24.6	25.3	26.1
38.75°	15.7	16.8	18.1	19.5	20.9	22.1	23.2	24.3	25.0	25.8	26.6
37.5°	16.1	17.3	18.8	20.2	21.6	22.7	23.8	24.7	25.5	26.3	27.1
36.25°	16.6	17.9	19.4	20.9	22.1	23.2	24.3	25.2	26.0	26.8	27.6
35°	17.1	18.5	20.0	21.5	22.6	23.8	24.8	25.6	26.4	27.2	28.1



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	17.5	19.1	20.6	22.0	23.1	24.3	25.2	26.0	26.9	27.7	28.5
32.5°	18.1	19.6	21.2	22.4	23.6	24.7	25.6	26.4	27.3	28.1	29.0
31.25°	18.6	20.2	21.7	22.9	24.1	25.1	25.9	26.8	27.7	28.6	29.4
30°	19.1	20.7	22.1	23.3	24.5	25.4	26.3	27.2	28.1	29.0	29.8
28.75°	19.6	21.2	22.5	23.8	24.8	25.8	26.7	27.6	28.5	29.4	30.2
27.5°	20.0	21.6	22.9	24.2	25.1	26.1	27.0	27.9	28.9	29.7	30.6
26.25°	20.5	22.0	23.3	24.5	25.5	26.4	27.3	28.3	29.2	30.1	30.9
25°	20.9	22.3	23.6	24.8	25.7	26.7	27.7	28.6	29.5	30.4	31.1
23.75°	21.3	22.6	24.0	25.0	26.0	27.0	28.0	28.9	29.8	30.8	31.3
22.5°	21.6	23.0	24.3	25.3	26.3	27.3	28.3	29.2	30.1	31.0	31.5
21.25°	21.9	23.3	24.5	25.5	26.5	27.5	28.5	29.5	30.4	31.2	31.7
20°	22.2	23.5	24.8	25.8	26.8	27.8	28.8	29.8	30.7	31.3	31.9
18.75°	22.4	23.8	25.0	26.0	27.0	28.0	29.0	30.0	30.9	31.5	32.1
17.5°	22.7	24.1	25.2	26.2	27.2	28.3	29.3	30.2	31.1	31.7	32.2
16.25°	22.9	24.3	25.3	26.4	27.4	28.5	29.5	30.5	31.2	31.8	32.2
15°	23.1	24.5	25.5	26.6	27.6	28.7	29.7	30.7	31.3	31.9	32.3
13.75°	23.3	24.6	25.7	26.7	27.8	28.8	29.8	30.8	31.5	32.1	32.3
12.5°	23.5	24.7	25.8	26.9	27.9	29.0	30.0	30.9	31.6	32.1	32.4
11.25°	23.6	24.9	25.9	27.0	28.1	29.1	30.2	31.0	31.7	32.2	32.4
10°	23.8	25.0	26.1	27.1	28.2	29.3	30.3	31.1	31.8	32.2	32.5
8.75°	23.9	25.1	26.2	27.2	28.3	29.4	30.4	31.2	31.8	32.2	32.5
7.5°	24.0	25.2	26.3	27.3	28.4	29.5	30.5	31.3	31.9	32.3	32.5
6.25°	24.1	25.2	26.3	27.4	28.5	29.6	30.6	31.3	32.0	32.3	32.5
5°	24.2	25.3	26.4	27.5	28.6	29.6	30.7	31.4	32.0	32.3	32.6
3.75°	24.2	25.3	26.4	27.5	28.6	29.7	30.7	31.4	32.1	32.3	32.6
2.5°	24.3	25.4	26.5	27.6	28.7	29.7	30.8	31.4	32.1	32.3	32.6
1.25°	24.3	25.4	26.5	27.6	28.7	29.7	30.8	31.4	32.1	32.3	32.6
0°	24.3	25.4	26.5	27.6	28.7	29.8	30.8	31.5	32.1	32.4	32.6
-1.25°	24.3	25.4	26.5	27.6	28.7	29.7	30.8	31.4	32.1	32.3	32.6
-2.5°	24.3	25.4	26.5	27.6	28.7	29.7	30.8	31.4	32.1	32.3	32.6
-3.75°	24.2	25.3	26.4	27.5	28.6	29.7	30.7	31.4	32.1	32.3	32.6
-5°	24.2	25.3	26.4	27.5	28.6	29.6	30.7	31.4	32.0	32.3	32.6
-6.25°	24.1	25.2	26.3	27.4	28.5	29.6	30.6	31.3	32.0	32.3	32.5
-7.5°	24.0	25.2	26.3	27.3	28.4	29.5	30.5	31.3	31.9	32.3	32.5
-8.75°	23.9	25.1	26.2	27.2	28.3	29.4	30.4	31.2	31.8	32.2	32.5
-10°	23.8	25.0	26.1	27.1	28.2	29.3	30.3	31.1	31.8	32.2	32.5
-11.25°	23.6	24.9	25.9	27.0	28.1	29.1	30.2	31.0	31.7	32.2	32.4
-12.5°	23.5	24.7	25.8	26.9	27.9	29.0	30.0	30.9	31.6	32.1	32.4
-13.75°	23.3	24.6	25.7	26.7	27.8	28.8	29.8	30.8	31.5	32.1	32.3
-15°	23.1	24.5	25.5	26.6	27.6	28.7	29.7	30.7	31.3	31.9	32.3
-16.25°	22.9	24.3	25.3	26.4	27.4	28.5	29.5	30.5	31.2	31.8	32.2
-17.5°	22.7	24.1	25.2	26.2	27.2	28.3	29.3	30.2	31.1	31.7	32.2
-18.75°	22.4	23.8	25.0	26.0	27.0	28.0	29.0	30.0	30.9	31.5	32.1
-20°	22.2	23.5	24.8	25.8	26.8	27.8	28.8	29.8	30.7	31.3	31.9
-21.25°	21.9	23.3	24.5	25.5	26.5	27.5	28.5	29.5	30.4	31.2	31.7



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	21.6	23.0	24.3	25.3	26.3	27.3	28.3	29.2	30.1	31.0	31.5
-23.75°	21.3	22.6	24.0	25.0	26.0	27.0	28.0	28.9	29.8	30.8	31.3
-25°	20.9	22.3	23.6	24.8	25.7	26.7	27.7	28.6	29.5	30.4	31.1
-26.25°	20.5	22.0	23.3	24.5	25.5	26.4	27.3	28.3	29.2	30.1	30.9
-27.5°	20.0	21.6	22.9	24.2	25.1	26.1	27.0	27.9	28.9	29.7	30.6
-28.75°	19.6	21.2	22.5	23.8	24.8	25.8	26.7	27.6	28.5	29.4	30.2
-30°	19.1	20.7	22.1	23.3	24.5	25.4	26.3	27.2	28.1	29.0	29.8
-31.25°	18.6	20.2	21.7	22.9	24.1	25.1	25.9	26.8	27.7	28.6	29.4
-32.5°	18.1	19.6	21.2	22.4	23.6	24.7	25.6	26.4	27.3	28.1	29.0
-33.75°	17.5	19.1	20.6	22.0	23.1	24.3	25.2	26.0	26.9	27.7	28.5
-35°	17.1	18.5	20.0	21.5	22.6	23.8	24.8	25.6	26.4	27.2	28.1
-36.25°	16.6	17.9	19.4	20.9	22.1	23.2	24.3	25.2	26.0	26.8	27.6
-37.5°	16.1	17.3	18.8	20.2	21.6	22.7	23.8	24.7	25.5	26.3	27.1
-38.75°	15.7	16.8	18.1	19.5	20.9	22.1	23.2	24.3	25.0	25.8	26.6
-40°	15.2	16.3	17.4	18.8	20.2	21.5	22.6	23.6	24.6	25.3	26.1
-41.25°	14.7	15.8	16.9	18.1	19.5	20.8	22.0	23.0	24.0	24.8	25.5
-42.5°	14.2	15.3	16.3	17.4	18.7	20.0	21.3	22.3	23.3	24.3	25.0
-43.75°	13.7	14.7	15.8	16.8	17.9	19.2	20.5	21.6	22.6	23.6	24.4
-45°	13.2	14.2	15.2	16.2	17.2	18.4	19.6	20.9	21.9	22.8	23.7
-46.25°	12.6	13.6	14.6	15.6	16.5	17.5	18.8	20.0	21.1	22.1	23.0
-47.5°	12.1	13.1	14.0	14.9	15.9	16.8	17.9	19.0	20.2	21.3	22.2
-48.75°	11.6	12.5	13.4	14.3	15.2	16.1	17.1	18.1	19.2	20.3	21.4
-50°	11.1	11.9	12.8	13.7	14.6	15.4	16.3	17.2	18.2	19.3	20.4
-51.25°	10.8	11.3	12.2	13.0	13.9	14.7	15.6	16.4	17.3	18.3	19.3
-52.5°	10.5	11.0	11.6	12.4	13.2	14.0	14.8	15.7	16.5	17.3	18.2
-53.75°	10.2	10.6	11.1	11.7	12.5	13.3	14.1	14.9	15.7	16.4	17.2
-55°	9.8	10.3	10.7	11.2	11.8	12.6	13.3	14.1	14.8	15.6	16.3
-56.25°	9.6	9.9	10.4	10.8	11.2	11.9	12.6	13.3	14.0	14.7	15.4
-57.5°	9.4	9.6	10.0	10.4	10.8	11.2	11.8	12.5	13.2	13.9	14.6
-58.75°	9.2	9.4	9.6	10.0	10.4	10.8	11.2	11.7	12.4	13.0	13.7
-60°	9.0	9.2	9.4	9.6	10.0	10.4	10.7	11.1	11.6	12.2	12.8
-61.25°	8.8	9.0	9.2	9.4	9.6	9.9	10.3	10.6	11.0	11.3	11.9
-62.5°	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.2	10.5	10.8	11.1
-63.75°	8.3	8.6	8.8	9.0	9.1	9.3	9.5	9.7	10.0	10.3	10.6
-65°	8.1	8.3	8.5	8.8	8.9	9.1	9.3	9.4	9.6	9.8	10.1
-66.25°	7.8	8.0	8.2	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6
-67.5°	7.5	7.7	7.9	8.2	8.4	8.6	8.8	8.9	9.0	9.2	9.3
-68.75°	7.1	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.0
-70°	6.6	6.9	7.3	7.5	7.7	7.9	8.1	8.3	8.4	8.6	8.8
-71.25°	6.1	6.4	6.7	7.0	7.4	7.5	7.7	7.9	8.1	8.2	8.4
-72.5°	5.6	5.9	6.2	6.5	6.8	7.1	7.3	7.5	7.7	7.8	8.0
-73.75°	5.1	5.4	5.7	5.9	6.2	6.5	6.7	7.0	7.2	7.4	7.6
-75°	4.8	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.6	6.8	7.0
-76.25°	4.4	4.6	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3
-77.5°	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.3	5.5	5.6



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.6	3.8	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
-80°	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.5
-81.25°	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
-82.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-83.75°	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.6	2.6	2.7	2.8
-85°	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2
-86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
-88.75°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
86.25°	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
85°	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8
83.75°	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.5
82.5°	3.5	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2
81.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
80°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7
78.75°	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.6
77.5°	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0	7.2	7.3	7.4
76.25°	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.7	7.8	7.9	7.9
75°	7.2	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.5
73.75°	7.7	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9
72.5°	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3
71.25°	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6
70°	8.9	9.0	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.1	10.3
68.75°	9.2	9.3	9.4	9.5	9.7	9.9	10.2	10.4	10.6	10.8	11.0
67.5°	9.5	9.6	9.8	10.1	10.3	10.5	10.8	11.0	11.2	11.5	11.9
66.25°	9.9	10.1	10.4	10.7	10.9	11.1	11.5	11.9	12.3	12.7	13.0
65°	10.4	10.7	11.0	11.2	11.6	12.1	12.5	13.0	13.4	13.8	14.2
63.75°	10.9	11.2	11.7	12.2	12.7	13.1	13.6	14.1	14.5	15.0	15.4
62.5°	11.6	12.1	12.6	13.2	13.7	14.2	14.7	15.2	15.7	16.1	16.6
61.25°	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.3	16.8	17.3	17.9
60°	13.4	14.0	14.6	15.2	15.8	16.3	16.9	17.4	18.1	18.8	19.4
58.75°	14.3	14.9	15.6	16.2	16.8	17.4	18.1	18.8	19.5	20.2	20.9
57.5°	15.2	15.9	16.5	17.2	17.9	18.7	19.5	20.2	20.9	21.6	22.1
56.25°	16.1	16.8	17.5	18.4	19.2	20.0	20.8	21.5	22.1	22.7	23.2
55°	17.1	17.9	18.8	19.6	20.5	21.3	22.0	22.6	23.2	23.8	24.3
53.75°	18.1	19.0	20.0	20.9	21.6	22.3	23.0	23.6	24.3	24.7	25.2
52.5°	19.2	20.2	21.1	21.9	22.6	23.3	24.0	24.6	25.0	25.5	26.0
51.25°	20.3	21.3	22.1	22.8	23.6	24.3	24.8	25.3	25.8	26.3	26.8
50°	21.4	22.2	23.0	23.7	24.4	25.0	25.5	26.1	26.6	27.1	27.6
48.75°	22.2	23.0	23.9	24.6	25.1	25.7	26.3	26.8	27.3	27.9	28.4
47.5°	23.0	23.9	24.6	25.2	25.8	26.4	27.0	27.5	28.1	28.6	29.1
46.25°	23.9	24.6	25.2	25.9	26.5	27.1	27.7	28.2	28.8	29.3	29.9
45°	24.6	25.2	25.9	26.5	27.1	27.8	28.4	29.0	29.5	30.1	30.6
43.75°	25.1	25.8	26.5	27.1	27.8	28.4	29.0	29.6	30.2	30.8	31.1
42.5°	25.7	26.4	27.1	27.8	28.4	29.1	29.7	30.3	30.9	31.2	31.6
41.25°	26.3	27.0	27.7	28.4	29.0	29.7	30.3	30.9	31.3	31.6	32.0
40°	26.8	27.5	28.2	29.0	29.6	30.3	30.9	31.3	31.7	32.1	32.2
38.75°	27.3	28.1	28.8	29.5	30.2	30.9	31.3	31.7	32.1	32.2	32.4
37.5°	27.9	28.6	29.3	30.1	30.8	31.2	31.6	32.1	32.2	32.4	32.6
36.25°	28.4	29.1	29.9	30.6	31.1	31.6	32.0	32.2	32.4	32.6	32.8
35°	28.9	29.6	30.4	31.0	31.5	31.9	32.2	32.4	32.5	32.8	33.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	29.3	30.1	30.9	31.3	31.8	32.2	32.3	32.5	32.7	33.0	33.3
32.5°	29.8	30.6	31.2	31.6	32.1	32.3	32.5	32.7	33.0	33.2	33.5
31.25°	30.2	30.9	31.4	31.9	32.2	32.4	32.6	32.9	33.2	33.4	33.6
30°	30.6	31.2	31.7	32.2	32.3	32.5	32.8	33.1	33.4	33.6	33.8
28.75°	31.0	31.5	32.0	32.3	32.5	32.7	33.0	33.3	33.5	33.7	33.9
27.5°	31.2	31.7	32.2	32.4	32.6	32.9	33.2	33.5	33.7	33.8	34.1
26.25°	31.5	32.0	32.3	32.5	32.7	33.0	33.4	33.6	33.8	34.0	34.3
25°	31.7	32.2	32.4	32.6	32.9	33.2	33.5	33.7	33.9	34.2	34.5
23.75°	31.9	32.2	32.5	32.7	33.0	33.4	33.6	33.8	34.1	34.4	34.7
22.5°	32.1	32.3	32.5	32.9	33.2	33.5	33.7	33.9	34.3	34.6	34.9
21.25°	32.2	32.4	32.6	33.0	33.3	33.6	33.8	34.1	34.4	34.8	35.1
20°	32.3	32.5	32.8	33.1	33.4	33.7	33.9	34.2	34.6	35.0	35.3
18.75°	32.3	32.6	32.9	33.3	33.5	33.8	34.0	34.4	34.7	35.1	35.5
17.5°	32.4	32.6	33.0	33.4	33.6	33.8	34.2	34.5	34.9	35.3	35.8
16.25°	32.5	32.7	33.1	33.5	33.7	33.9	34.3	34.7	35.1	35.5	36.1
15°	32.5	32.8	33.2	33.5	33.7	34.0	34.4	34.8	35.2	35.6	36.4
13.75°	32.6	32.9	33.3	33.6	33.8	34.1	34.5	34.9	35.3	35.9	36.7
12.5°	32.6	33.0	33.4	33.6	33.9	34.2	34.6	35.0	35.5	36.1	36.9
11.25°	32.7	33.1	33.4	33.7	33.9	34.3	34.7	35.1	35.6	36.3	37.1
10°	32.8	33.1	33.5	33.7	34.0	34.4	34.8	35.2	35.7	36.5	37.4
8.75°	32.8	33.2	33.5	33.8	34.1	34.5	34.9	35.3	35.9	36.7	37.9
7.5°	32.9	33.3	33.6	33.8	34.1	34.5	34.9	35.4	36.0	36.9	38.3
6.25°	32.9	33.3	33.6	33.8	34.2	34.6	35.0	35.5	36.2	37.0	38.7
5°	32.9	33.3	33.6	33.9	34.2	34.6	35.1	35.5	36.3	37.1	39.0
3.75°	33.0	33.4	33.6	33.9	34.3	34.7	35.1	35.5	36.3	37.2	39.2
2.5°	33.0	33.4	33.6	33.9	34.3	34.7	35.1	35.6	36.4	37.3	39.4
1.25°	33.0	33.4	33.6	33.9	34.3	34.7	35.1	35.6	36.4	37.3	39.5
0°	33.0	33.4	33.7	33.9	34.3	34.7	35.2	35.6	36.5	37.3	39.5
-1.25°	33.0	33.4	33.6	33.9	34.3	34.7	35.1	35.6	36.4	37.3	39.5
-2.5°	33.0	33.4	33.6	33.9	34.3	34.7	35.1	35.6	36.4	37.3	39.4
-3.75°	33.0	33.4	33.6	33.9	34.3	34.7	35.1	35.5	36.3	37.2	39.2
-5°	32.9	33.3	33.6	33.9	34.2	34.6	35.1	35.5	36.3	37.1	39.0
-6.25°	32.9	33.3	33.6	33.8	34.2	34.6	35.0	35.5	36.2	37.0	38.7
-7.5°	32.9	33.3	33.6	33.8	34.1	34.5	34.9	35.4	36.0	36.9	38.3
-8.75°	32.8	33.2	33.5	33.8	34.1	34.5	34.9	35.3	35.9	36.7	37.9
-10°	32.8	33.1	33.5	33.7	34.0	34.4	34.8	35.2	35.7	36.5	37.4
-11.25°	32.7	33.1	33.4	33.7	33.9	34.3	34.7	35.1	35.6	36.3	37.1
-12.5°	32.6	33.0	33.4	33.6	33.9	34.2	34.6	35.0	35.5	36.1	36.9
-13.75°	32.6	32.9	33.3	33.6	33.8	34.1	34.5	34.9	35.3	35.9	36.7
-15°	32.5	32.8	33.2	33.5	33.7	34.0	34.4	34.8	35.2	35.6	36.4
-16.25°	32.5	32.7	33.1	33.5	33.7	33.9	34.3	34.7	35.1	35.5	36.1
-17.5°	32.4	32.6	33.0	33.4	33.6	33.8	34.2	34.5	34.9	35.3	35.8
-18.75°	32.3	32.6	32.9	33.3	33.5	33.8	34.0	34.4	34.7	35.1	35.5
-20°	32.3	32.5	32.8	33.1	33.4	33.7	33.9	34.2	34.6	35.0	35.3
-21.25°	32.2	32.4	32.6	33.0	33.3	33.6	33.8	34.1	34.4	34.8	35.1



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	32.1	32.3	32.5	32.9	33.2	33.5	33.7	33.9	34.3	34.6	34.9
-23.75°	31.9	32.2	32.5	32.7	33.0	33.4	33.6	33.8	34.1	34.4	34.7
-25°	31.7	32.2	32.4	32.6	32.9	33.2	33.5	33.7	33.9	34.2	34.5
-26.25°	31.5	32.0	32.3	32.5	32.7	33.0	33.4	33.6	33.8	34.0	34.3
-27.5°	31.2	31.7	32.2	32.4	32.6	32.9	33.2	33.5	33.7	33.8	34.1
-28.75°	31.0	31.5	32.0	32.3	32.5	32.7	33.0	33.3	33.5	33.7	33.9
-30°	30.6	31.2	31.7	32.2	32.3	32.5	32.8	33.1	33.4	33.6	33.8
-31.25°	30.2	30.9	31.4	31.9	32.2	32.4	32.6	32.9	33.2	33.4	33.6
-32.5°	29.8	30.6	31.2	31.6	32.1	32.3	32.5	32.7	33.0	33.2	33.5
-33.75°	29.3	30.1	30.9	31.3	31.8	32.2	32.3	32.5	32.7	33.0	33.3
-35°	28.9	29.6	30.4	31.0	31.5	31.9	32.2	32.4	32.5	32.8	33.0
-36.25°	28.4	29.1	29.9	30.6	31.1	31.6	32.0	32.2	32.4	32.6	32.8
-37.5°	27.9	28.6	29.3	30.1	30.8	31.2	31.6	32.1	32.2	32.4	32.6
-38.75°	27.3	28.1	28.8	29.5	30.2	30.9	31.3	31.7	32.1	32.2	32.4
-40°	26.8	27.5	28.2	29.0	29.6	30.3	30.9	31.3	31.7	32.1	32.2
-41.25°	26.3	27.0	27.7	28.4	29.0	29.7	30.3	30.9	31.3	31.6	32.0
-42.5°	25.7	26.4	27.1	27.8	28.4	29.1	29.7	30.3	30.9	31.2	31.6
-43.75°	25.1	25.8	26.5	27.1	27.8	28.4	29.0	29.6	30.2	30.8	31.1
-45°	24.6	25.2	25.9	26.5	27.1	27.8	28.4	29.0	29.5	30.1	30.6
-46.25°	23.9	24.6	25.2	25.9	26.5	27.1	27.7	28.2	28.8	29.3	29.9
-47.5°	23.0	23.9	24.6	25.2	25.8	26.4	27.0	27.5	28.1	28.6	29.1
-48.75°	22.2	23.0	23.9	24.6	25.1	25.7	26.3	26.8	27.3	27.9	28.4
-50°	21.4	22.2	23.0	23.7	24.4	25.0	25.5	26.1	26.6	27.1	27.6
-51.25°	20.3	21.3	22.1	22.8	23.6	24.3	24.8	25.3	25.8	26.3	26.8
-52.5°	19.2	20.2	21.1	21.9	22.6	23.3	24.0	24.6	25.0	25.5	26.0
-53.75°	18.1	19.0	20.0	20.9	21.6	22.3	23.0	23.6	24.3	24.7	25.2
-55°	17.1	17.9	18.8	19.6	20.5	21.3	22.0	22.6	23.2	23.8	24.3
-56.25°	16.1	16.8	17.5	18.4	19.2	20.0	20.8	21.5	22.1	22.7	23.2
-57.5°	15.2	15.9	16.5	17.2	17.9	18.7	19.5	20.2	20.9	21.6	22.1
-58.75°	14.3	14.9	15.6	16.2	16.8	17.4	18.1	18.8	19.5	20.2	20.9
-60°	13.4	14.0	14.6	15.2	15.8	16.3	16.9	17.4	18.1	18.8	19.4
-61.25°	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.3	16.8	17.3	17.9
-62.5°	11.6	12.1	12.6	13.2	13.7	14.2	14.7	15.2	15.7	16.1	16.6
-63.75°	10.9	11.2	11.7	12.2	12.7	13.1	13.6	14.1	14.5	15.0	15.4
-65°	10.4	10.7	11.0	11.2	11.6	12.1	12.5	13.0	13.4	13.8	14.2
-66.25°	9.9	10.1	10.4	10.7	10.9	11.1	11.5	11.9	12.3	12.7	13.0
-67.5°	9.5	9.6	9.8	10.1	10.3	10.5	10.8	11.0	11.2	11.5	11.9
-68.75°	9.2	9.3	9.4	9.5	9.7	9.9	10.2	10.4	10.6	10.8	11.0
-70°	8.9	9.0	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.1	10.3
-71.25°	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6
-72.5°	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3
-73.75°	7.7	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9
-75°	7.2	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.5
-76.25°	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.7	7.8	7.9	7.9
-77.5°	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0	7.2	7.3	7.4



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.6
-80°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7
-81.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
-82.5°	3.5	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.2
-83.75°	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.5
-85°	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8
-86.25°	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
-87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
86.25°	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4
85°	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
83.75°	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0
82.5°	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8
81.25°	5.0	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
80°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7
78.75°	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.4	7.5	7.5	7.6
77.5°	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.2
76.25°	8.0	8.1	8.2	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8
75°	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.2
73.75°	9.0	9.0	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6
72.5°	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.2	10.3	10.4
71.25°	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.0	11.1
70°	10.5	10.6	10.8	11.0	11.1	11.3	11.5	11.7	12.0	12.2	12.4
68.75°	11.1	11.3	11.7	12.0	12.3	12.5	12.8	13.1	13.3	13.5	13.8
67.5°	12.2	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7	14.9	15.2
66.25°	13.4	13.8	14.1	14.5	14.8	15.1	15.5	15.8	16.0	16.3	16.6
65°	14.6	15.0	15.4	15.8	16.1	16.5	16.8	17.1	17.4	17.8	18.2
63.75°	15.8	16.3	16.7	17.0	17.4	17.9	18.3	18.8	19.2	19.6	19.9
62.5°	17.1	17.5	18.1	18.6	19.1	19.6	20.0	20.5	20.9	21.3	21.6
61.25°	18.5	19.1	19.6	20.2	20.7	21.2	21.6	22.0	22.3	22.6	23.0
60°	20.0	20.6	21.2	21.7	22.1	22.5	22.9	23.3	23.6	24.0	24.3
58.75°	21.5	22.0	22.4	22.9	23.3	23.8	24.2	24.5	24.8	25.0	25.3
57.5°	22.6	23.1	23.6	24.1	24.5	24.8	25.1	25.5	25.7	26.0	26.3
56.25°	23.8	24.3	24.7	25.1	25.4	25.8	26.1	26.4	26.7	27.0	27.3
55°	24.8	25.2	25.6	25.9	26.3	26.7	27.0	27.3	27.7	28.0	28.3
53.75°	25.6	26.0	26.4	26.8	27.2	27.6	27.9	28.3	28.6	28.9	29.2
52.5°	26.4	26.9	27.3	27.7	28.1	28.5	28.9	29.2	29.5	29.8	30.1
51.25°	27.2	27.7	28.1	28.6	29.0	29.4	29.7	30.1	30.4	30.8	31.0
50°	28.1	28.5	29.0	29.4	29.8	30.2	30.6	30.9	31.1	31.3	31.5
48.75°	28.9	29.3	29.8	30.2	30.6	31.0	31.2	31.5	31.7	31.9	32.1
47.5°	29.6	30.1	30.6	30.9	31.2	31.5	31.7	32.0	32.2	32.2	32.3
46.25°	30.4	30.9	31.2	31.4	31.7	32.0	32.2	32.3	32.4	32.5	32.5
45°	31.0	31.3	31.6	31.9	32.2	32.3	32.4	32.5	32.6	32.7	32.9
43.75°	31.5	31.8	32.1	32.2	32.3	32.5	32.6	32.7	32.9	33.0	33.2
42.5°	31.9	32.2	32.3	32.4	32.5	32.7	32.9	33.0	33.2	33.4	33.5
41.25°	32.2	32.3	32.5	32.6	32.8	33.0	33.2	33.4	33.5	33.6	33.7
40°	32.4	32.5	32.7	32.9	33.1	33.3	33.5	33.6	33.7	33.8	33.9
38.75°	32.5	32.7	33.0	33.2	33.4	33.5	33.7	33.8	33.9	34.1	34.3
37.5°	32.8	33.0	33.2	33.4	33.6	33.7	33.8	34.0	34.2	34.4	34.6
36.25°	33.0	33.3	33.5	33.6	33.8	33.9	34.1	34.3	34.5	34.7	34.9
35°	33.3	33.5	33.6	33.8	34.0	34.2	34.4	34.6	34.9	35.1	35.3



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	33.5	33.6	33.8	34.0	34.2	34.5	34.7	35.0	35.2	35.4	35.7
32.5°	33.6	33.8	34.0	34.3	34.5	34.8	35.0	35.3	35.5	36.0	36.4
31.25°	33.8	34.0	34.3	34.5	34.8	35.1	35.4	35.6	36.1	36.6	37.1
30°	34.0	34.2	34.5	34.8	35.1	35.4	35.7	36.3	36.8	37.3	38.4
28.75°	34.2	34.5	34.8	35.1	35.4	35.8	36.3	36.9	37.5	38.8	40.1
27.5°	34.4	34.7	35.0	35.4	35.7	36.3	36.9	37.7	39.1	40.4	41.9
26.25°	34.6	35.0	35.3	35.6	36.3	36.9	37.7	39.1	40.6	42.6	46.5
25°	34.9	35.2	35.5	36.1	36.8	37.5	39.1	40.6	42.8	47.0	51.1
23.75°	35.1	35.4	36.0	36.6	37.3	38.8	40.4	42.6	47.0	51.3	55.6
22.5°	35.3	35.7	36.4	37.1	38.4	40.1	41.9	46.5	51.1	55.6	60.2
21.25°	35.5	36.1	36.8	37.9	39.6	41.3	45.5	50.3	55.0	59.9	64.7
20°	35.8	36.5	37.2	39.0	40.8	44.1	49.1	54.0	59.1	64.1	69.4
18.75°	36.2	36.9	38.2	40.0	42.2	47.3	52.5	57.7	63.0	68.3	75.2
17.5°	36.5	37.3	39.1	41.0	45.1	50.4	55.8	61.3	66.7	73.3	88.5
16.25°	36.9	38.1	40.1	42.5	48.0	53.4	59.0	64.7	71.0	83.4	111.6
15°	37.2	38.9	40.9	45.1	50.6	56.3	62.1	67.9	76.4	98.1	140.4
13.75°	37.7	39.7	41.7	47.5	53.1	59.1	65.0	71.9	86.9	121.8	174.1
12.5°	38.4	40.4	43.8	49.7	55.5	61.6	67.7	76.8	101.4	148.5	209.5
11.25°	39.0	41.1	45.8	51.7	57.8	64.0	70.9	85.4	120.9	176.3	243.8
10°	39.5	41.6	47.5	53.5	59.8	66.1	73.8	93.9	141.3	204.8	276.2
8.75°	40.0	43.0	49.1	55.2	61.6	68.1	79.1	109.0	162.9	231.6	305.3
7.5°	40.5	44.3	50.5	56.7	63.2	70.3	84.9	122.3	182.0	255.5	331.5
6.25°	40.8	45.4	51.6	58.0	64.6	72.1	89.9	134.7	200.8	276.4	354.1
5°	41.2	46.4	52.6	59.1	65.7	73.7	95.7	147.4	216.7	293.7	372.9
3.75°	41.4	47.1	53.3	59.9	66.6	75.2	102.7	157.5	229.1	307.4	386.6
2.5°	41.6	47.6	53.9	60.5	67.2	77.4	107.8	164.7	238.1	317.3	396.5
1.25°	41.7	47.9	54.2	60.9	67.6	78.7	110.8	169.0	243.5	323.4	402.4
0°	41.7	48.0	54.3	61.0	67.7	79.2	111.8	170.5	245.3	325.4	404.4
-1.25°	41.7	47.9	54.2	60.9	67.6	78.7	110.8	169.0	243.5	323.4	402.4
-2.5°	41.6	47.6	53.9	60.5	67.2	77.4	107.8	164.7	238.1	317.3	396.5
-3.75°	41.4	47.1	53.3	59.9	66.6	75.2	102.7	157.5	229.1	307.4	386.6
-5°	41.2	46.4	52.6	59.1	65.7	73.7	95.7	147.4	216.7	293.7	372.9
-6.25°	40.8	45.4	51.6	58.0	64.6	72.1	89.9	134.7	200.8	276.4	354.1
-7.5°	40.5	44.3	50.5	56.7	63.2	70.3	84.9	122.3	182.0	255.5	331.5
-8.75°	40.0	43.0	49.1	55.2	61.6	68.1	79.1	109.0	162.9	231.6	305.3
-10°	39.5	41.6	47.5	53.5	59.8	66.1	73.8	93.9	141.3	204.8	276.2
-11.25°	39.0	41.1	45.8	51.7	57.8	64.0	70.9	85.4	120.9	176.3	243.8
-12.5°	38.4	40.4	43.8	49.7	55.5	61.6	67.7	76.8	101.4	148.5	209.5
-13.75°	37.7	39.7	41.7	47.5	53.1	59.1	65.0	71.9	86.9	121.8	174.1
-15°	37.2	38.9	40.9	45.1	50.6	56.3	62.1	67.9	76.4	98.1	140.4
-16.25°	36.9	38.1	40.1	42.5	48.0	53.4	59.0	64.7	71.0	83.4	111.6
-17.5°	36.5	37.3	39.1	41.0	45.1	50.4	55.8	61.3	66.7	73.3	88.5
-18.75°	36.2	36.9	38.2	40.0	42.2	47.3	52.5	57.7	63.0	68.3	75.2
-20°	35.8	36.5	37.2	39.0	40.8	44.1	49.1	54.0	59.1	64.1	69.4
-21.25°	35.5	36.1	36.8	37.9	39.6	41.3	45.5	50.3	55.0	59.9	64.7



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	35.3	35.7	36.4	37.1	38.4	40.1	41.9	46.5	51.1	55.6	60.2
-23.75°	35.1	35.4	36.0	36.6	37.3	38.8	40.4	42.6	47.0	51.3	55.6
-25°	34.9	35.2	35.5	36.1	36.8	37.5	39.1	40.6	42.8	47.0	51.1
-26.25°	34.6	35.0	35.3	35.6	36.3	36.9	37.7	39.1	40.6	42.6	46.5
-27.5°	34.4	34.7	35.0	35.4	35.7	36.3	36.9	37.7	39.1	40.4	41.9
-28.75°	34.2	34.5	34.8	35.1	35.4	35.8	36.3	36.9	37.5	38.8	40.1
-30°	34.0	34.2	34.5	34.8	35.1	35.4	35.7	36.3	36.8	37.3	38.4
-31.25°	33.8	34.0	34.3	34.5	34.8	35.1	35.4	35.6	36.1	36.6	37.1
-32.5°	33.6	33.8	34.0	34.3	34.5	34.8	35.0	35.3	35.5	36.0	36.4
-33.75°	33.5	33.6	33.8	34.0	34.2	34.5	34.7	35.0	35.2	35.4	35.7
-35°	33.3	33.5	33.6	33.8	34.0	34.2	34.4	34.6	34.9	35.1	35.3
-36.25°	33.0	33.3	33.5	33.6	33.8	33.9	34.1	34.3	34.5	34.7	34.9
-37.5°	32.8	33.0	33.2	33.4	33.6	33.7	33.8	34.0	34.2	34.4	34.6
-38.75°	32.5	32.7	33.0	33.2	33.4	33.5	33.7	33.8	33.9	34.1	34.3
-40°	32.4	32.5	32.7	32.9	33.1	33.3	33.5	33.6	33.7	33.8	33.9
-41.25°	32.2	32.3	32.5	32.6	32.8	33.0	33.2	33.4	33.5	33.6	33.7
-42.5°	31.9	32.2	32.3	32.4	32.5	32.7	32.9	33.0	33.2	33.4	33.5
-43.75°	31.5	31.8	32.1	32.2	32.3	32.5	32.6	32.7	32.9	33.0	33.2
-45°	31.0	31.3	31.6	31.9	32.2	32.3	32.4	32.5	32.6	32.7	32.9
-46.25°	30.4	30.9	31.2	31.4	31.7	32.0	32.2	32.3	32.4	32.5	32.5
-47.5°	29.6	30.1	30.6	30.9	31.2	31.5	31.7	32.0	32.2	32.2	32.3
-48.75°	28.9	29.3	29.8	30.2	30.6	31.0	31.2	31.5	31.7	31.9	32.1
-50°	28.1	28.5	29.0	29.4	29.8	30.2	30.6	30.9	31.1	31.3	31.5
-51.25°	27.2	27.7	28.1	28.6	29.0	29.4	29.7	30.1	30.4	30.8	31.0
-52.5°	26.4	26.9	27.3	27.7	28.1	28.5	28.9	29.2	29.5	29.8	30.1
-53.75°	25.6	26.0	26.4	26.8	27.2	27.6	27.9	28.3	28.6	28.9	29.2
-55°	24.8	25.2	25.6	25.9	26.3	26.7	27.0	27.3	27.7	28.0	28.3
-56.25°	23.8	24.3	24.7	25.1	25.4	25.8	26.1	26.4	26.7	27.0	27.3
-57.5°	22.6	23.1	23.6	24.1	24.5	24.8	25.1	25.5	25.7	26.0	26.3
-58.75°	21.5	22.0	22.4	22.9	23.3	23.8	24.2	24.5	24.8	25.0	25.3
-60°	20.0	20.6	21.2	21.7	22.1	22.5	22.9	23.3	23.6	24.0	24.3
-61.25°	18.5	19.1	19.6	20.2	20.7	21.2	21.6	22.0	22.3	22.6	23.0
-62.5°	17.1	17.5	18.1	18.6	19.1	19.6	20.0	20.5	20.9	21.3	21.6
-63.75°	15.8	16.3	16.7	17.0	17.4	17.9	18.3	18.8	19.2	19.6	19.9
-65°	14.6	15.0	15.4	15.8	16.1	16.5	16.8	17.1	17.4	17.8	18.2
-66.25°	13.4	13.8	14.1	14.5	14.8	15.1	15.5	15.8	16.0	16.3	16.6
-67.5°	12.2	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7	14.9	15.2
-68.75°	11.1	11.3	11.7	12.0	12.3	12.5	12.8	13.1	13.3	13.5	13.8
-70°	10.5	10.6	10.8	11.0	11.1	11.3	11.5	11.7	12.0	12.2	12.4
-71.25°	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.0	11.1
-72.5°	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.2	10.3	10.4
-73.75°	9.0	9.0	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6
-75°	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.2
-76.25°	8.0	8.1	8.2	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8
-77.5°	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.2



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.4	7.5	7.5	7.6
-80°	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7
-81.25°	5.0	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
-82.5°	4.3	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8
-83.75°	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0
-85°	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
-86.25°	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4
-87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
86.25°	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6
85°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
83.75°	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3
82.5°	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
81.25°	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2
80°	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.3	7.3
78.75°	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0
77.5°	8.3	8.3	8.3	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6
76.25°	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.1
75°	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.5	9.5	9.5	9.5
73.75°	9.7	9.8	9.8	9.9	10.0	10.1	10.1	10.2	10.2	10.3	10.3
72.5°	10.5	10.6	10.6	10.7	10.8	10.9	10.9	11.0	11.1	11.1	11.2
71.25°	11.3	11.4	11.6	11.7	11.9	12.0	12.1	12.2	12.4	12.4	12.5
70°	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.8	13.9	14.0
68.75°	14.0	14.2	14.4	14.6	14.7	14.9	15.1	15.2	15.3	15.4	15.5
67.5°	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.7	16.8	17.0	17.1
66.25°	16.8	17.1	17.3	17.5	17.8	18.0	18.2	18.4	18.6	18.8	18.9
65°	18.5	18.8	19.1	19.4	19.6	19.9	20.1	20.3	20.5	20.7	20.8
63.75°	20.3	20.6	20.9	21.2	21.5	21.6	21.8	22.0	22.2	22.3	22.4
62.5°	21.9	22.2	22.4	22.7	22.9	23.1	23.3	23.5	23.6	23.8	23.9
61.25°	23.3	23.5	23.8	24.1	24.3	24.5	24.6	24.7	24.9	25.0	25.1
60°	24.5	24.8	25.0	25.2	25.3	25.5	25.7	25.8	25.9	26.1	26.2
58.75°	25.5	25.8	26.0	26.2	26.4	26.6	26.7	26.9	27.0	27.1	27.2
57.5°	26.5	26.8	27.0	27.2	27.4	27.6	27.8	27.9	28.1	28.2	28.3
56.25°	27.5	27.8	28.0	28.3	28.5	28.7	28.8	29.0	29.1	29.3	29.4
55°	28.5	28.8	29.0	29.3	29.5	29.7	29.8	30.0	30.2	30.3	30.4
53.75°	29.5	29.8	30.0	30.2	30.5	30.7	30.8	30.9	31.0	31.1	31.2
52.5°	30.4	30.7	30.9	31.1	31.2	31.3	31.5	31.6	31.7	31.8	31.8
51.25°	31.2	31.3	31.5	31.7	31.8	31.9	32.1	32.1	32.2	32.2	32.2
50°	31.7	31.9	32.1	32.2	32.2	32.3	32.3	32.4	32.4	32.5	32.5
48.75°	32.2	32.3	32.3	32.4	32.5	32.5	32.6	32.6	32.7	32.8	32.8
47.5°	32.4	32.5	32.6	32.6	32.7	32.8	32.9	33.0	33.1	33.1	33.2
46.25°	32.6	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.4	33.5	33.5
45°	33.0	33.1	33.3	33.4	33.5	33.5	33.6	33.6	33.7	33.7	33.8
43.75°	33.3	33.4	33.5	33.6	33.7	33.7	33.8	33.9	33.9	34.0	34.1
42.5°	33.6	33.7	33.8	33.8	33.9	34.0	34.1	34.2	34.3	34.4	34.5
41.25°	33.8	33.9	34.0	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9
40°	34.1	34.2	34.4	34.5	34.7	34.8	34.9	35.0	35.1	35.2	35.3
38.75°	34.4	34.6	34.7	34.9	35.1	35.2	35.3	35.5	35.6	35.7	35.9
37.5°	34.8	35.0	35.1	35.3	35.5	35.6	35.9	36.1	36.3	36.5	36.7
36.25°	35.1	35.3	35.5	35.8	36.1	36.4	36.7	36.9	37.1	37.4	37.9
35°	35.5	35.8	36.2	36.5	36.9	37.2	37.7	38.4	39.0	39.5	40.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	36.1	36.5	36.9	37.3	38.1	38.9	39.7	40.4	41.1	41.6	43.0
32.5°	36.8	37.2	38.2	39.1	40.1	40.9	41.7	43.8	45.8	47.5	49.1
31.25°	37.9	39.0	40.0	41.0	42.5	45.1	47.5	49.7	51.7	53.5	55.2
30°	39.6	40.8	42.2	45.1	48.0	50.6	53.1	55.5	57.8	59.8	61.6
28.75°	41.3	44.1	47.3	50.4	53.4	56.3	59.1	61.6	64.0	66.1	68.1
27.5°	45.5	49.1	52.5	55.8	59.0	62.1	65.0	67.7	70.9	73.8	79.1
26.25°	50.3	54.0	57.7	61.3	64.7	67.9	71.9	76.8	85.4	93.9	109.0
25°	55.0	59.1	63.0	66.7	71.0	76.4	86.9	101.4	120.9	141.3	162.9
23.75°	59.9	64.1	68.3	73.3	83.4	98.1	121.8	148.5	176.3	204.8	231.6
22.5°	64.7	69.4	75.2	88.5	111.6	140.4	174.1	209.5	243.8	276.2	305.3
21.25°	69.8	77.2	91.6	120.7	156.3	195.4	236.9	276.8	314.2	349.0	380.0
20°	77.2	92.9	125.4	165.9	210.9	257.2	302.1	345.0	384.3	418.4	447.3
18.75°	91.6	125.4	169.1	218.7	269.6	319.4	367.4	409.9	447.1	478.4	504.4
17.5°	120.7	165.9	218.7	273.8	328.2	380.5	427.2	466.5	500.5	529.5	560.2
16.25°	156.3	210.9	269.6	328.2	384.8	435.8	478.4	514.8	550.7	587.3	631.8
15°	195.4	257.2	319.4	380.5	435.8	482.3	522.0	564.1	611.9	664.6	725.7
13.75°	236.9	302.1	367.4	427.2	478.4	522.0	568.6	624.4	689.8	761.8	841.7
12.5°	276.8	345.0	409.9	466.5	514.8	564.1	624.4	698.2	783.5	876.9	981.9
11.25°	314.2	384.3	447.1	500.5	550.7	611.9	689.8	783.5	891.0	1011.6	1135.5
10°	349.0	418.4	478.4	529.5	587.3	664.6	761.8	876.9	1011.6	1153.0	1296.5
8.75°	380.0	447.3	504.4	560.2	631.8	725.7	841.7	981.9	1135.5	1296.5	1455.8
7.5°	405.8	471.0	526.5	588.3	674.9	786.4	923.8	1083.9	1256.2	1433.3	1611.6
6.25°	428.0	491.0	547.9	620.9	719.6	845.2	1001.7	1177.6	1367.3	1560.4	1757.9
5°	444.9	505.9	566.9	648.1	757.5	900.3	1073.3	1264.0	1465.0	1675.4	1887.2
3.75°	457.5	517.7	581.9	672.0	794.0	948.8	1131.6	1333.5	1546.1	1770.5	1992.3
2.5°	466.6	526.2	594.4	692.1	820.5	984.2	1174.5	1386.1	1608.7	1841.6	2071.2
1.25°	472.1	531.4	603.2	704.2	836.6	1005.7	1202.9	1418.4	1647.1	1885.4	2119.9
0°	474.0	533.1	606.2	708.3	842.0	1012.9	1212.4	1429.3	1660.1	1900.3	2136.5
-1.25°	472.1	531.4	603.2	704.2	836.6	1005.7	1202.9	1418.4	1647.1	1885.4	2119.9
-2.5°	466.6	526.2	594.4	692.1	820.5	984.2	1174.5	1386.1	1608.7	1841.6	2071.2
-3.75°	457.5	517.7	581.9	672.0	794.0	948.8	1131.6	1333.5	1546.1	1770.5	1992.3
-5°	444.9	505.9	566.9	648.1	757.5	900.3	1073.3	1264.0	1465.0	1675.4	1887.2
-6.25°	428.0	491.0	547.9	620.9	719.6	845.2	1001.7	1177.6	1367.3	1560.4	1757.9
-7.5°	405.8	471.0	526.5	588.3	674.9	786.4	923.8	1083.9	1256.2	1433.3	1611.6
-8.75°	380.0	447.3	504.4	560.2	631.8	725.7	841.7	981.9	1135.5	1296.5	1455.8
-10°	349.0	418.4	478.4	529.5	587.3	664.6	761.8	876.9	1011.6	1153.0	1296.5
-11.25°	314.2	384.3	447.1	500.5	550.7	611.9	689.8	783.5	891.0	1011.6	1135.5
-12.5°	276.8	345.0	409.9	466.5	514.8	564.1	624.4	698.2	783.5	876.9	981.9
-13.75°	236.9	302.1	367.4	427.2	478.4	522.0	568.6	624.4	689.8	761.8	841.7
-15°	195.4	257.2	319.4	380.5	435.8	482.3	522.0	564.1	611.9	664.6	725.7
-16.25°	156.3	210.9	269.6	328.2	384.8	435.8	478.4	514.8	550.7	587.3	631.8
-17.5°	120.7	165.9	218.7	273.8	328.2	380.5	427.2	466.5	500.5	529.5	560.2
-18.75°	91.6	125.4	169.1	218.7	269.6	319.4	367.4	409.9	447.1	478.4	504.4
-20°	77.2	92.9	125.4	165.9	210.9	257.2	302.1	345.0	384.3	418.4	447.3
-21.25°	69.8	77.2	91.6	120.7	156.3	195.4	236.9	276.8	314.2	349.0	380.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	64.7	69.4	75.2	88.5	111.6	140.4	174.1	209.5	243.8	276.2	305.3
-23.75°	59.9	64.1	68.3	73.3	83.4	98.1	121.8	148.5	176.3	204.8	231.6
-25°	55.0	59.1	63.0	66.7	71.0	76.4	86.9	101.4	120.9	141.3	162.9
-26.25°	50.3	54.0	57.7	61.3	64.7	67.9	71.9	76.8	85.4	93.9	109.0
-27.5°	45.5	49.1	52.5	55.8	59.0	62.1	65.0	67.7	70.9	73.8	79.1
-28.75°	41.3	44.1	47.3	50.4	53.4	56.3	59.1	61.6	64.0	66.1	68.1
-30°	39.6	40.8	42.2	45.1	48.0	50.6	53.1	55.5	57.8	59.8	61.6
-31.25°	37.9	39.0	40.0	41.0	42.5	45.1	47.5	49.7	51.7	53.5	55.2
-32.5°	36.8	37.2	38.2	39.1	40.1	40.9	41.7	43.8	45.8	47.5	49.1
-33.75°	36.1	36.5	36.9	37.3	38.1	38.9	39.7	40.4	41.1	41.6	43.0
-35°	35.5	35.8	36.2	36.5	36.9	37.2	37.7	38.4	39.0	39.5	40.0
-36.25°	35.1	35.3	35.5	35.8	36.1	36.4	36.7	36.9	37.1	37.4	37.9
-37.5°	34.8	35.0	35.1	35.3	35.5	35.6	35.9	36.1	36.3	36.5	36.7
-38.75°	34.4	34.6	34.7	34.9	35.1	35.2	35.3	35.5	35.6	35.7	35.9
-40°	34.1	34.2	34.4	34.5	34.7	34.8	34.9	35.0	35.1	35.2	35.3
-41.25°	33.8	33.9	34.0	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9
-42.5°	33.6	33.7	33.8	33.8	33.9	34.0	34.1	34.2	34.3	34.4	34.5
-43.75°	33.3	33.4	33.5	33.6	33.7	33.7	33.8	33.9	33.9	34.0	34.1
-45°	33.0	33.1	33.3	33.4	33.5	33.5	33.6	33.6	33.7	33.7	33.8
-46.25°	32.6	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.4	33.5	33.5
-47.5°	32.4	32.5	32.6	32.6	32.7	32.8	32.9	33.0	33.1	33.1	33.2
-48.75°	32.2	32.3	32.3	32.4	32.5	32.5	32.6	32.6	32.7	32.8	32.8
-50°	31.7	31.9	32.1	32.2	32.2	32.3	32.3	32.4	32.4	32.5	32.5
-51.25°	31.2	31.3	31.5	31.7	31.8	31.9	32.1	32.1	32.2	32.2	32.2
-52.5°	30.4	30.7	30.9	31.1	31.2	31.3	31.5	31.6	31.7	31.8	31.8
-53.75°	29.5	29.8	30.0	30.2	30.5	30.7	30.8	30.9	31.0	31.1	31.2
-55°	28.5	28.8	29.0	29.3	29.5	29.7	29.8	30.0	30.2	30.3	30.4
-56.25°	27.5	27.8	28.0	28.3	28.5	28.7	28.8	29.0	29.1	29.3	29.4
-57.5°	26.5	26.8	27.0	27.2	27.4	27.6	27.8	27.9	28.1	28.2	28.3
-58.75°	25.5	25.8	26.0	26.2	26.4	26.6	26.7	26.9	27.0	27.1	27.2
-60°	24.5	24.8	25.0	25.2	25.3	25.5	25.7	25.8	25.9	26.1	26.2
-61.25°	23.3	23.5	23.8	24.1	24.3	24.5	24.6	24.7	24.9	25.0	25.1
-62.5°	21.9	22.2	22.4	22.7	22.9	23.1	23.3	23.5	23.6	23.8	23.9
-63.75°	20.3	20.6	20.9	21.2	21.5	21.6	21.8	22.0	22.2	22.3	22.4
-65°	18.5	18.8	19.1	19.4	19.6	19.9	20.1	20.3	20.5	20.7	20.8
-66.25°	16.8	17.1	17.3	17.5	17.8	18.0	18.2	18.4	18.6	18.8	18.9
-67.5°	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.7	16.8	17.0	17.1
-68.75°	14.0	14.2	14.4	14.6	14.7	14.9	15.1	15.2	15.3	15.4	15.5
-70°	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.8	13.9	14.0
-71.25°	11.3	11.4	11.6	11.7	11.9	12.0	12.1	12.2	12.4	12.4	12.5
-72.5°	10.5	10.6	10.6	10.7	10.8	10.9	10.9	11.0	11.1	11.1	11.2
-73.75°	9.7	9.8	9.8	9.9	10.0	10.1	10.1	10.2	10.2	10.3	10.3
-75°	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.5	9.5	9.5	9.5
-76.25°	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.1
-77.5°	8.3	8.3	8.3	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0
-80°	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.3	7.3
-81.25°	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2
-82.5°	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
-83.75°	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3
-85°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
-86.25°	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
86.25°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
83.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
82.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
81.25°	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
80°	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
78.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.0	8.0	8.0	8.0
77.5°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
76.25°	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.1	9.1
75°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
73.75°	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.4
72.5°	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
71.25°	12.6	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7
70°	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.2	14.2
68.75°	15.6	15.7	15.7	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.7
67.5°	17.1	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.3	17.3
66.25°	19.0	19.1	19.2	19.3	19.3	19.3	19.4	19.3	19.3	19.3	19.2
65°	20.9	21.1	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.2	21.1
63.75°	22.5	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.7
62.5°	24.0	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.2	24.2
61.25°	25.2	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.3	25.3
60°	26.3	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.4	26.4
58.75°	27.3	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.5
57.5°	28.4	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.6
56.25°	29.5	29.6	29.6	29.7	29.7	29.7	29.8	29.7	29.7	29.7	29.6
55°	30.5	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.7	30.7
53.75°	31.3	31.3	31.4	31.4	31.4	31.4	31.5	31.4	31.4	31.4	31.4
52.5°	31.9	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.0
51.25°	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.3	32.3	32.3	32.3
50°	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
48.75°	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	32.9
47.5°	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.3
46.25°	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.6	33.6	33.6	33.6
45°	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
43.75°	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.2
42.5°	34.5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.6
41.25°	34.9	35.0	35.1	35.1	35.1	35.1	35.2	35.1	35.1	35.1	35.1
40°	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.5	35.5
38.75°	36.0	36.2	36.3	36.3	36.4	36.4	36.5	36.4	36.4	36.3	36.3
37.5°	36.9	37.0	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.2	37.1
36.25°	38.3	38.7	39.0	39.2	39.4	39.5	39.5	39.5	39.4	39.2	39.0
35°	40.5	40.8	41.2	41.4	41.6	41.7	41.7	41.7	41.6	41.4	41.2

REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	44.3	45.4	46.4	47.1	47.6	47.9	48.0	47.9	47.6	47.1	46.4
32.5°	50.5	51.6	52.6	53.3	53.9	54.2	54.3	54.2	53.9	53.3	52.6
31.25°	56.7	58.0	59.1	59.9	60.5	60.9	61.0	60.9	60.5	59.9	59.1
30°	63.2	64.6	65.7	66.6	67.2	67.6	67.7	67.6	67.2	66.6	65.7
28.75°	70.3	72.1	73.7	75.2	77.4	78.7	79.2	78.7	77.4	75.2	73.7
27.5°	84.9	89.9	95.7	102.7	107.8	110.8	111.8	110.8	107.8	102.7	95.7
26.25°	122.3	134.7	147.4	157.5	164.7	169.0	170.5	169.0	164.7	157.5	147.4
25°	182.0	200.8	216.7	229.1	238.1	243.5	245.3	243.5	238.1	229.1	216.7
23.75°	255.5	276.4	293.7	307.4	317.3	323.4	325.4	323.4	317.3	307.4	293.7
22.5°	331.5	354.1	372.9	386.6	396.5	402.4	404.4	402.4	396.5	386.6	372.9
21.25°	405.8	428.0	444.9	457.5	466.6	472.1	474.0	472.1	466.6	457.5	444.9
20°	471.0	491.0	505.9	517.7	526.2	531.4	533.1	531.4	526.2	517.7	505.9
18.75°	526.5	547.9	566.9	581.9	594.4	603.2	606.2	603.2	594.4	581.9	566.9
17.5°	588.3	620.9	648.1	672.0	692.1	704.2	708.3	704.2	692.1	672.0	648.1
16.25°	674.9	719.6	757.5	794.0	820.5	836.6	842.0	836.6	820.5	794.0	757.5
15°	786.4	845.2	900.3	948.8	984.2	1005.7	1012.9	1005.7	984.2	948.8	900.3
13.75°	923.8	1001.7	1073.3	1131.6	1174.5	1202.9	1212.4	1202.9	1174.5	1131.6	1073.3
12.5°	1083.9	1177.6	1264.0	1333.5	1386.1	1418.4	1429.3	1418.4	1386.1	1333.5	1264.0
11.25°	1256.2	1367.3	1465.0	1546.1	1608.7	1647.1	1660.1	1647.1	1608.7	1546.1	1465.0
10°	1433.3	1560.4	1675.4	1770.5	1841.6	1885.4	1900.3	1885.4	1841.6	1770.5	1675.4
8.75°	1611.6	1757.9	1887.2	1992.3	2071.2	2119.9	2136.5	2119.9	2071.2	1992.3	1887.2
7.5°	1786.3	1947.4	2088.5	2205.8	2293.7	2345.4	2363.1	2345.4	2293.7	2205.8	2088.5
6.25°	1947.4	2121.5	2277.5	2400.1	2488.5	2540.5	2558.5	2540.5	2488.5	2400.1	2277.5
5°	2088.5	2277.5	2437.6	2558.9	2649.0	2706.3	2726.5	2706.3	2649.0	2558.9	2437.6
3.75°	2205.8	2400.1	2558.9	2686.8	2778.4	2836.0	2854.8	2836.0	2778.4	2686.8	2558.9
2.5°	2293.7	2488.5	2649.0	2778.4	2874.8	2936.7	2954.2	2936.7	2874.8	2778.4	2649.0
1.25°	2345.4	2540.5	2706.3	2836.0	2936.7	2994.5	3018.1	2994.5	2936.7	2836.0	2706.3
0°	2363.1	2558.5	2726.5	2854.8	2954.2	3018.1	3063.4	3018.1	2954.2	2854.8	2726.5
-1.25°	2345.4	2540.5	2706.3	2836.0	2936.7	2994.5	3018.1	2994.5	2936.7	2836.0	2706.3
-2.5°	2293.7	2488.5	2649.0	2778.4	2874.8	2936.7	2954.2	2936.7	2874.8	2778.4	2649.0
-3.75°	2205.8	2400.1	2558.9	2686.8	2778.4	2836.0	2854.8	2836.0	2778.4	2686.8	2558.9
-5°	2088.5	2277.5	2437.6	2558.9	2649.0	2706.3	2726.5	2706.3	2649.0	2558.9	2437.6
-6.25°	1947.4	2121.5	2277.5	2400.1	2488.5	2540.5	2558.5	2540.5	2488.5	2400.1	2277.5
-7.5°	1786.3	1947.4	2088.5	2205.8	2293.7	2345.4	2363.1	2345.4	2293.7	2205.8	2088.5
-8.75°	1611.6	1757.9	1887.2	1992.3	2071.2	2119.9	2136.5	2119.9	2071.2	1992.3	1887.2
-10°	1433.3	1560.4	1675.4	1770.5	1841.6	1885.4	1900.3	1885.4	1841.6	1770.5	1675.4
-11.25°	1256.2	1367.3	1465.0	1546.1	1608.7	1647.1	1660.1	1647.1	1608.7	1546.1	1465.0
-12.5°	1083.9	1177.6	1264.0	1333.5	1386.1	1418.4	1429.3	1418.4	1386.1	1333.5	1264.0
-13.75°	923.8	1001.7	1073.3	1131.6	1174.5	1202.9	1212.4	1202.9	1174.5	1131.6	1073.3
-15°	786.4	845.2	900.3	948.8	984.2	1005.7	1012.9	1005.7	984.2	948.8	900.3
-16.25°	674.9	719.6	757.5	794.0	820.5	836.6	842.0	836.6	820.5	794.0	757.5
-17.5°	588.3	620.9	648.1	672.0	692.1	704.2	708.3	704.2	692.1	672.0	648.1
-18.75°	526.5	547.9	566.9	581.9	594.4	603.2	606.2	603.2	594.4	581.9	566.9
-20°	471.0	491.0	505.9	517.7	526.2	531.4	533.1	531.4	526.2	517.7	505.9
-21.25°	405.8	428.0	444.9	457.5	466.6	472.1	474.0	472.1	466.6	457.5	444.9



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	331.5	354.1	372.9	386.6	396.5	402.4	404.4	402.4	396.5	386.6	372.9
-23.75°	255.5	276.4	293.7	307.4	317.3	323.4	325.4	323.4	317.3	307.4	293.7
-25°	182.0	200.8	216.7	229.1	238.1	243.5	245.3	243.5	238.1	229.1	216.7
-26.25°	122.3	134.7	147.4	157.5	164.7	169.0	170.5	169.0	164.7	157.5	147.4
-27.5°	84.9	89.9	95.7	102.7	107.8	110.8	111.8	110.8	107.8	102.7	95.7
-28.75°	70.3	72.1	73.7	75.2	77.4	78.7	79.2	78.7	77.4	75.2	73.7
-30°	63.2	64.6	65.7	66.6	67.2	67.6	67.7	67.6	67.2	66.6	65.7
-31.25°	56.7	58.0	59.1	59.9	60.5	60.9	61.0	60.9	60.5	59.9	59.1
-32.5°	50.5	51.6	52.6	53.3	53.9	54.2	54.3	54.2	53.9	53.3	52.6
-33.75°	44.3	45.4	46.4	47.1	47.6	47.9	48.0	47.9	47.6	47.1	46.4
-35°	40.5	40.8	41.2	41.4	41.6	41.7	41.7	41.7	41.6	41.4	41.2
-36.25°	38.3	38.7	39.0	39.2	39.4	39.5	39.5	39.5	39.4	39.2	39.0
-37.5°	36.9	37.0	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.2	37.1
-38.75°	36.0	36.2	36.3	36.3	36.4	36.4	36.5	36.4	36.4	36.3	36.3
-40°	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.5	35.5
-41.25°	34.9	35.0	35.1	35.1	35.1	35.1	35.2	35.1	35.1	35.1	35.1
-42.5°	34.5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.6
-43.75°	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.2
-45°	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
-46.25°	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.6	33.6	33.6	33.6
-47.5°	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.3
-48.75°	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	32.9
-50°	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
-51.25°	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.3	32.3	32.3	32.3
-52.5°	31.9	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.0
-53.75°	31.3	31.3	31.4	31.4	31.4	31.4	31.5	31.4	31.4	31.4	31.4
-55°	30.5	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.7	30.7
-56.25°	29.5	29.6	29.6	29.7	29.7	29.7	29.8	29.7	29.7	29.7	29.6
-57.5°	28.4	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.6
-58.75°	27.3	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.5
-60°	26.3	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.4	26.4
-61.25°	25.2	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.3	25.3
-62.5°	24.0	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.2	24.2
-63.75°	22.5	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.7	22.7
-65°	20.9	21.1	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.2	21.1
-66.25°	19.0	19.1	19.2	19.3	19.3	19.3	19.4	19.3	19.3	19.3	19.2
-67.5°	17.1	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.3	17.3
-68.75°	15.6	15.7	15.7	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.7
-70°	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.2	14.2
-71.25°	12.6	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7
-72.5°	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
-73.75°	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.4
-75°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
-76.25°	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.1	9.1
-77.5°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.0	8.0	8.0	8.0
-80°	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
-81.25°	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
-82.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
-83.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
-85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-86.25°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
86.25°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
83.75°	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1
82.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
81.25°	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9
80°	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9
78.75°	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7
77.5°	8.7	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3
76.25°	9.1	9.1	9.1	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9
75°	9.6	9.6	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3
73.75°	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.8
72.5°	11.2	11.2	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.7	10.6
71.25°	12.7	12.6	12.5	12.4	12.4	12.2	12.1	12.0	11.9	11.7	11.6
70°	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.4	13.3	13.1	13.0
68.75°	15.7	15.6	15.5	15.4	15.3	15.2	15.1	14.9	14.7	14.6	14.4
67.5°	17.2	17.1	17.1	17.0	16.8	16.7	16.6	16.4	16.2	16.0	15.8
66.25°	19.1	19.0	18.9	18.8	18.6	18.4	18.2	18.0	17.8	17.5	17.3
65°	21.1	20.9	20.8	20.7	20.5	20.3	20.1	19.9	19.6	19.4	19.1
63.75°	22.6	22.5	22.4	22.3	22.2	22.0	21.8	21.6	21.5	21.2	20.9
62.5°	24.1	24.0	23.9	23.8	23.6	23.5	23.3	23.1	22.9	22.7	22.4
61.25°	25.2	25.2	25.1	25.0	24.9	24.7	24.6	24.5	24.3	24.1	23.8
60°	26.3	26.3	26.2	26.1	25.9	25.8	25.7	25.5	25.3	25.2	25.0
58.75°	27.4	27.3	27.2	27.1	27.0	26.9	26.7	26.6	26.4	26.2	26.0
57.5°	28.5	28.4	28.3	28.2	28.1	27.9	27.8	27.6	27.4	27.2	27.0
56.25°	29.6	29.5	29.4	29.3	29.1	29.0	28.8	28.7	28.5	28.3	28.0
55°	30.6	30.5	30.4	30.3	30.2	30.0	29.8	29.7	29.5	29.3	29.0
53.75°	31.3	31.3	31.2	31.1	31.0	30.9	30.8	30.7	30.5	30.2	30.0
52.5°	32.0	31.9	31.8	31.8	31.7	31.6	31.5	31.3	31.2	31.1	30.9
51.25°	32.3	32.3	32.2	32.2	32.2	32.1	32.1	31.9	31.8	31.7	31.5
50°	32.5	32.5	32.5	32.5	32.4	32.4	32.3	32.3	32.2	32.2	32.1
48.75°	32.9	32.9	32.8	32.8	32.7	32.6	32.6	32.5	32.5	32.4	32.3
47.5°	33.3	33.3	33.2	33.1	33.1	33.0	32.9	32.8	32.7	32.6	32.6
46.25°	33.6	33.6	33.5	33.5	33.4	33.4	33.3	33.2	33.1	33.0	32.9
45°	33.8	33.8	33.8	33.7	33.7	33.6	33.6	33.5	33.5	33.4	33.3
43.75°	34.2	34.1	34.1	34.0	33.9	33.9	33.8	33.7	33.7	33.6	33.5
42.5°	34.6	34.5	34.5	34.4	34.3	34.2	34.1	34.0	33.9	33.8	33.8
41.25°	35.0	34.9	34.9	34.8	34.7	34.6	34.5	34.4	34.3	34.2	34.0
40°	35.5	35.4	35.3	35.2	35.1	35.0	34.9	34.8	34.7	34.5	34.4
38.75°	36.2	36.0	35.9	35.7	35.6	35.5	35.3	35.2	35.1	34.9	34.7
37.5°	37.0	36.9	36.7	36.5	36.3	36.1	35.9	35.6	35.5	35.3	35.1
36.25°	38.7	38.3	37.9	37.4	37.1	36.9	36.7	36.4	36.1	35.8	35.5
35°	40.8	40.5	40.0	39.5	39.0	38.4	37.7	37.2	36.9	36.5	36.2

REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	45.4	44.3	43.0	41.6	41.1	40.4	39.7	38.9	38.1	37.3	36.9
32.5°	51.6	50.5	49.1	47.5	45.8	43.8	41.7	40.9	40.1	39.1	38.2
31.25°	58.0	56.7	55.2	53.5	51.7	49.7	47.5	45.1	42.5	41.0	40.0
30°	64.6	63.2	61.6	59.8	57.8	55.5	53.1	50.6	48.0	45.1	42.2
28.75°	72.1	70.3	68.1	66.1	64.0	61.6	59.1	56.3	53.4	50.4	47.3
27.5°	89.9	84.9	79.1	73.8	70.9	67.7	65.0	62.1	59.0	55.8	52.5
26.25°	134.7	122.3	109.0	93.9	85.4	76.8	71.9	67.9	64.7	61.3	57.7
25°	200.8	182.0	162.9	141.3	120.9	101.4	86.9	76.4	71.0	66.7	63.0
23.75°	276.4	255.5	231.6	204.8	176.3	148.5	121.8	98.1	83.4	73.3	68.3
22.5°	354.1	331.5	305.3	276.2	243.8	209.5	174.1	140.4	111.6	88.5	75.2
21.25°	428.0	405.8	380.0	349.0	314.2	276.8	236.9	195.4	156.3	120.7	91.6
20°	491.0	471.0	447.3	418.4	384.3	345.0	302.1	257.2	210.9	165.9	125.4
18.75°	547.9	526.5	504.4	478.4	447.1	409.9	367.4	319.4	269.6	218.7	169.1
17.5°	620.9	588.3	560.2	529.5	500.5	466.5	427.2	380.5	328.2	273.8	218.7
16.25°	719.6	674.9	631.8	587.3	550.7	514.8	478.4	435.8	384.8	328.2	269.6
15°	845.2	786.4	725.7	664.6	611.9	564.1	522.0	482.3	435.8	380.5	319.4
13.75°	1001.7	923.8	841.7	761.8	689.8	624.4	568.6	522.0	478.4	427.2	367.4
12.5°	1177.6	1083.9	981.9	876.9	783.5	698.2	624.4	564.1	514.8	466.5	409.9
11.25°	1367.3	1256.2	1135.5	1011.6	891.0	783.5	689.8	611.9	550.7	500.5	447.1
10°	1560.4	1433.3	1296.5	1153.0	1011.6	876.9	761.8	664.6	587.3	529.5	478.4
8.75°	1757.9	1611.6	1455.8	1296.5	1135.5	981.9	841.7	725.7	631.8	560.2	504.4
7.5°	1947.4	1786.3	1611.6	1433.3	1256.2	1083.9	923.8	786.4	674.9	588.3	526.5
6.25°	2121.5	1947.4	1757.9	1560.4	1367.3	1177.6	1001.7	845.2	719.6	620.9	547.9
5°	2277.5	2088.5	1887.2	1675.4	1465.0	1264.0	1073.3	900.3	757.5	648.1	566.9
3.75°	2400.1	2205.8	1992.3	1770.5	1546.1	1333.5	1131.6	948.8	794.0	672.0	581.9
2.5°	2488.5	2293.7	2071.2	1841.6	1608.7	1386.1	1174.5	984.2	820.5	692.1	594.4
1.25°	2540.5	2345.4	2119.9	1885.4	1647.1	1418.4	1202.9	1005.7	836.6	704.2	603.2
0°	2558.5	2363.1	2136.5	1900.3	1660.1	1429.3	1212.4	1012.9	842.0	708.3	606.2
-1.25°	2540.5	2345.4	2119.9	1885.4	1647.1	1418.4	1202.9	1005.7	836.6	704.2	603.2
-2.5°	2488.5	2293.7	2071.2	1841.6	1608.7	1386.1	1174.5	984.2	820.5	692.1	594.4
-3.75°	2400.1	2205.8	1992.3	1770.5	1546.1	1333.5	1131.6	948.8	794.0	672.0	581.9
-5°	2277.5	2088.5	1887.2	1675.4	1465.0	1264.0	1073.3	900.3	757.5	648.1	566.9
-6.25°	2121.5	1947.4	1757.9	1560.4	1367.3	1177.6	1001.7	845.2	719.6	620.9	547.9
-7.5°	1947.4	1786.3	1611.6	1433.3	1256.2	1083.9	923.8	786.4	674.9	588.3	526.5
-8.75°	1757.9	1611.6	1455.8	1296.5	1135.5	981.9	841.7	725.7	631.8	560.2	504.4
-10°	1560.4	1433.3	1296.5	1153.0	1011.6	876.9	761.8	664.6	587.3	529.5	478.4
-11.25°	1367.3	1256.2	1135.5	1011.6	891.0	783.5	689.8	611.9	550.7	500.5	447.1
-12.5°	1177.6	1083.9	981.9	876.9	783.5	698.2	624.4	564.1	514.8	466.5	409.9
-13.75°	1001.7	923.8	841.7	761.8	689.8	624.4	568.6	522.0	478.4	427.2	367.4
-15°	845.2	786.4	725.7	664.6	611.9	564.1	522.0	482.3	435.8	380.5	319.4
-16.25°	719.6	674.9	631.8	587.3	550.7	514.8	478.4	435.8	384.8	328.2	269.6
-17.5°	620.9	588.3	560.2	529.5	500.5	466.5	427.2	380.5	328.2	273.8	218.7
-18.75°	547.9	526.5	504.4	478.4	447.1	409.9	367.4	319.4	269.6	218.7	169.1
-20°	491.0	471.0	447.3	418.4	384.3	345.0	302.1	257.2	210.9	165.9	125.4
-21.25°	428.0	405.8	380.0	349.0	314.2	276.8	236.9	195.4	156.3	120.7	91.6



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	354.1	331.5	305.3	276.2	243.8	209.5	174.1	140.4	111.6	88.5	75.2
-23.75°	276.4	255.5	231.6	204.8	176.3	148.5	121.8	98.1	83.4	73.3	68.3
-25°	200.8	182.0	162.9	141.3	120.9	101.4	86.9	76.4	71.0	66.7	63.0
-26.25°	134.7	122.3	109.0	93.9	85.4	76.8	71.9	67.9	64.7	61.3	57.7
-27.5°	89.9	84.9	79.1	73.8	70.9	67.7	65.0	62.1	59.0	55.8	52.5
-28.75°	72.1	70.3	68.1	66.1	64.0	61.6	59.1	56.3	53.4	50.4	47.3
-30°	64.6	63.2	61.6	59.8	57.8	55.5	53.1	50.6	48.0	45.1	42.2
-31.25°	58.0	56.7	55.2	53.5	51.7	49.7	47.5	45.1	42.5	41.0	40.0
-32.5°	51.6	50.5	49.1	47.5	45.8	43.8	41.7	40.9	40.1	39.1	38.2
-33.75°	45.4	44.3	43.0	41.6	41.1	40.4	39.7	38.9	38.1	37.3	36.9
-35°	40.8	40.5	40.0	39.5	39.0	38.4	37.7	37.2	36.9	36.5	36.2
-36.25°	38.7	38.3	37.9	37.4	37.1	36.9	36.7	36.4	36.1	35.8	35.5
-37.5°	37.0	36.9	36.7	36.5	36.3	36.1	35.9	35.6	35.5	35.3	35.1
-38.75°	36.2	36.0	35.9	35.7	35.6	35.5	35.3	35.2	35.1	34.9	34.7
-40°	35.5	35.4	35.3	35.2	35.1	35.0	34.9	34.8	34.7	34.5	34.4
-41.25°	35.0	34.9	34.9	34.8	34.7	34.6	34.5	34.4	34.3	34.2	34.0
-42.5°	34.6	34.5	34.5	34.4	34.3	34.2	34.1	34.0	33.9	33.8	33.8
-43.75°	34.2	34.1	34.1	34.0	33.9	33.9	33.8	33.7	33.7	33.6	33.5
-45°	33.8	33.8	33.8	33.7	33.7	33.6	33.6	33.5	33.5	33.4	33.3
-46.25°	33.6	33.6	33.5	33.5	33.4	33.4	33.3	33.2	33.1	33.0	32.9
-47.5°	33.3	33.3	33.2	33.1	33.1	33.0	32.9	32.8	32.7	32.6	32.6
-48.75°	32.9	32.9	32.8	32.8	32.7	32.6	32.6	32.5	32.5	32.4	32.3
-50°	32.5	32.5	32.5	32.5	32.4	32.4	32.3	32.3	32.2	32.2	32.1
-51.25°	32.3	32.3	32.2	32.2	32.2	32.1	32.1	31.9	31.8	31.7	31.5
-52.5°	32.0	31.9	31.8	31.8	31.7	31.6	31.5	31.3	31.2	31.1	30.9
-53.75°	31.3	31.3	31.2	31.1	31.0	30.9	30.8	30.7	30.5	30.2	30.0
-55°	30.6	30.5	30.4	30.3	30.2	30.0	29.8	29.7	29.5	29.3	29.0
-56.25°	29.6	29.5	29.4	29.3	29.1	29.0	28.8	28.7	28.5	28.3	28.0
-57.5°	28.5	28.4	28.3	28.2	28.1	27.9	27.8	27.6	27.4	27.2	27.0
-58.75°	27.4	27.3	27.2	27.1	27.0	26.9	26.7	26.6	26.4	26.2	26.0
-60°	26.3	26.3	26.2	26.1	25.9	25.8	25.7	25.5	25.3	25.2	25.0
-61.25°	25.2	25.2	25.1	25.0	24.9	24.7	24.6	24.5	24.3	24.1	23.8
-62.5°	24.1	24.0	23.9	23.8	23.6	23.5	23.3	23.1	22.9	22.7	22.4
-63.75°	22.6	22.5	22.4	22.3	22.2	22.0	21.8	21.6	21.5	21.2	20.9
-65°	21.1	20.9	20.8	20.7	20.5	20.3	20.1	19.9	19.6	19.4	19.1
-66.25°	19.1	19.0	18.9	18.8	18.6	18.4	18.2	18.0	17.8	17.5	17.3
-67.5°	17.2	17.1	17.1	17.0	16.8	16.7	16.6	16.4	16.2	16.0	15.8
-68.75°	15.7	15.6	15.5	15.4	15.3	15.2	15.1	14.9	14.7	14.6	14.4
-70°	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.4	13.3	13.1	13.0
-71.25°	12.7	12.6	12.5	12.4	12.4	12.2	12.1	12.0	11.9	11.7	11.6
-72.5°	11.2	11.2	11.2	11.1	11.1	11.0	10.9	10.9	10.8	10.7	10.6
-73.75°	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.8
-75°	9.6	9.6	9.5	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3
-76.25°	9.1	9.1	9.1	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.9
-77.5°	8.7	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	8.0	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.8	7.8	7.7
-80°	7.3	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9
-81.25°	6.3	6.2	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9
-82.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
-83.75°	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.1
-85°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
-86.25°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
86.25°	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2
85°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9
83.75°	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7
82.5°	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4
81.25°	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1
80°	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0
78.75°	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.0	6.9
77.5°	8.3	8.3	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.7	7.7
76.25°	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2
75°	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.8	8.7
73.75°	9.8	9.7	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.2	9.1
72.5°	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.7	9.6	9.5
71.25°	11.4	11.3	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1
70°	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.1	11.0	10.8
68.75°	14.2	14.0	13.8	13.5	13.3	13.1	12.8	12.5	12.3	12.0	11.7
67.5°	15.6	15.4	15.2	14.9	14.7	14.4	14.1	13.8	13.5	13.2	12.9
66.25°	17.1	16.8	16.6	16.3	16.0	15.8	15.5	15.1	14.8	14.5	14.1
65°	18.8	18.5	18.2	17.8	17.4	17.1	16.8	16.5	16.1	15.8	15.4
63.75°	20.6	20.3	19.9	19.6	19.2	18.8	18.3	17.9	17.4	17.0	16.7
62.5°	22.2	21.9	21.6	21.3	20.9	20.5	20.0	19.6	19.1	18.6	18.1
61.25°	23.5	23.3	23.0	22.6	22.3	22.0	21.6	21.2	20.7	20.2	19.6
60°	24.8	24.5	24.3	24.0	23.6	23.3	22.9	22.5	22.1	21.7	21.2
58.75°	25.8	25.5	25.3	25.0	24.8	24.5	24.2	23.8	23.3	22.9	22.4
57.5°	26.8	26.5	26.3	26.0	25.7	25.5	25.1	24.8	24.5	24.1	23.6
56.25°	27.8	27.5	27.3	27.0	26.7	26.4	26.1	25.8	25.4	25.1	24.7
55°	28.8	28.5	28.3	28.0	27.7	27.3	27.0	26.7	26.3	25.9	25.6
53.75°	29.8	29.5	29.2	28.9	28.6	28.3	27.9	27.6	27.2	26.8	26.4
52.5°	30.7	30.4	30.1	29.8	29.5	29.2	28.9	28.5	28.1	27.7	27.3
51.25°	31.3	31.2	31.0	30.8	30.4	30.1	29.7	29.4	29.0	28.6	28.1
50°	31.9	31.7	31.5	31.3	31.1	30.9	30.6	30.2	29.8	29.4	29.0
48.75°	32.3	32.2	32.1	31.9	31.7	31.5	31.2	31.0	30.6	30.2	29.8
47.5°	32.5	32.4	32.3	32.2	32.2	32.0	31.7	31.5	31.2	30.9	30.6
46.25°	32.8	32.6	32.5	32.5	32.4	32.3	32.2	32.0	31.7	31.4	31.2
45°	33.1	33.0	32.9	32.7	32.6	32.5	32.4	32.3	32.2	31.9	31.6
43.75°	33.4	33.3	33.2	33.0	32.9	32.7	32.6	32.5	32.3	32.2	32.1
42.5°	33.7	33.6	33.5	33.4	33.2	33.0	32.9	32.7	32.5	32.4	32.3
41.25°	33.9	33.8	33.7	33.6	33.5	33.4	33.2	33.0	32.8	32.6	32.5
40°	34.2	34.1	33.9	33.8	33.7	33.6	33.5	33.3	33.1	32.9	32.7
38.75°	34.6	34.4	34.3	34.1	33.9	33.8	33.7	33.5	33.4	33.2	33.0
37.5°	35.0	34.8	34.6	34.4	34.2	34.0	33.8	33.7	33.6	33.4	33.2
36.25°	35.3	35.1	34.9	34.7	34.5	34.3	34.1	33.9	33.8	33.6	33.5
35°	35.8	35.5	35.3	35.1	34.9	34.6	34.4	34.2	34.0	33.8	33.6



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	36.5	36.1	35.7	35.4	35.2	35.0	34.7	34.5	34.2	34.0	33.8
32.5°	37.2	36.8	36.4	36.0	35.5	35.3	35.0	34.8	34.5	34.3	34.0
31.25°	39.0	37.9	37.1	36.6	36.1	35.6	35.4	35.1	34.8	34.5	34.3
30°	40.8	39.6	38.4	37.3	36.8	36.3	35.7	35.4	35.1	34.8	34.5
28.75°	44.1	41.3	40.1	38.8	37.5	36.9	36.3	35.8	35.4	35.1	34.8
27.5°	49.1	45.5	41.9	40.4	39.1	37.7	36.9	36.3	35.7	35.4	35.0
26.25°	54.0	50.3	46.5	42.6	40.6	39.1	37.7	36.9	36.3	35.6	35.3
25°	59.1	55.0	51.1	47.0	42.8	40.6	39.1	37.5	36.8	36.1	35.5
23.75°	64.1	59.9	55.6	51.3	47.0	42.6	40.4	38.8	37.3	36.6	36.0
22.5°	69.4	64.7	60.2	55.6	51.1	46.5	41.9	40.1	38.4	37.1	36.4
21.25°	77.2	69.8	64.7	59.9	55.0	50.3	45.5	41.3	39.6	37.9	36.8
20°	92.9	77.2	69.4	64.1	59.1	54.0	49.1	44.1	40.8	39.0	37.2
18.75°	125.4	91.6	75.2	68.3	63.0	57.7	52.5	47.3	42.2	40.0	38.2
17.5°	165.9	120.7	88.5	73.3	66.7	61.3	55.8	50.4	45.1	41.0	39.1
16.25°	210.9	156.3	111.6	83.4	71.0	64.7	59.0	53.4	48.0	42.5	40.1
15°	257.2	195.4	140.4	98.1	76.4	67.9	62.1	56.3	50.6	45.1	40.9
13.75°	302.1	236.9	174.1	121.8	86.9	71.9	65.0	59.1	53.1	47.5	41.7
12.5°	345.0	276.8	209.5	148.5	101.4	76.8	67.7	61.6	55.5	49.7	43.8
11.25°	384.3	314.2	243.8	176.3	120.9	85.4	70.9	64.0	57.8	51.7	45.8
10°	418.4	349.0	276.2	204.8	141.3	93.9	73.8	66.1	59.8	53.5	47.5
8.75°	447.3	380.0	305.3	231.6	162.9	109.0	79.1	68.1	61.6	55.2	49.1
7.5°	471.0	405.8	331.5	255.5	182.0	122.3	84.9	70.3	63.2	56.7	50.5
6.25°	491.0	428.0	354.1	276.4	200.8	134.7	89.9	72.1	64.6	58.0	51.6
5°	505.9	444.9	372.9	293.7	216.7	147.4	95.7	73.7	65.7	59.1	52.6
3.75°	517.7	457.5	386.6	307.4	229.1	157.5	102.7	75.2	66.6	59.9	53.3
2.5°	526.2	466.6	396.5	317.3	238.1	164.7	107.8	77.4	67.2	60.5	53.9
1.25°	531.4	472.1	402.4	323.4	243.5	169.0	110.8	78.7	67.6	60.9	54.2
0°	533.1	474.0	404.4	325.4	245.3	170.5	111.8	79.2	67.7	61.0	54.3
-1.25°	531.4	472.1	402.4	323.4	243.5	169.0	110.8	78.7	67.6	60.9	54.2
-2.5°	526.2	466.6	396.5	317.3	238.1	164.7	107.8	77.4	67.2	60.5	53.9
-3.75°	517.7	457.5	386.6	307.4	229.1	157.5	102.7	75.2	66.6	59.9	53.3
-5°	505.9	444.9	372.9	293.7	216.7	147.4	95.7	73.7	65.7	59.1	52.6
-6.25°	491.0	428.0	354.1	276.4	200.8	134.7	89.9	72.1	64.6	58.0	51.6
-7.5°	471.0	405.8	331.5	255.5	182.0	122.3	84.9	70.3	63.2	56.7	50.5
-8.75°	447.3	380.0	305.3	231.6	162.9	109.0	79.1	68.1	61.6	55.2	49.1
-10°	418.4	349.0	276.2	204.8	141.3	93.9	73.8	66.1	59.8	53.5	47.5
-11.25°	384.3	314.2	243.8	176.3	120.9	85.4	70.9	64.0	57.8	51.7	45.8
-12.5°	345.0	276.8	209.5	148.5	101.4	76.8	67.7	61.6	55.5	49.7	43.8
-13.75°	302.1	236.9	174.1	121.8	86.9	71.9	65.0	59.1	53.1	47.5	41.7
-15°	257.2	195.4	140.4	98.1	76.4	67.9	62.1	56.3	50.6	45.1	40.9
-16.25°	210.9	156.3	111.6	83.4	71.0	64.7	59.0	53.4	48.0	42.5	40.1
-17.5°	165.9	120.7	88.5	73.3	66.7	61.3	55.8	50.4	45.1	41.0	39.1
-18.75°	125.4	91.6	75.2	68.3	63.0	57.7	52.5	47.3	42.2	40.0	38.2
-20°	92.9	77.2	69.4	64.1	59.1	54.0	49.1	44.1	40.8	39.0	37.2
-21.25°	77.2	69.8	64.7	59.9	55.0	50.3	45.5	41.3	39.6	37.9	36.8



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	69.4	64.7	60.2	55.6	51.1	46.5	41.9	40.1	38.4	37.1	36.4
-23.75°	64.1	59.9	55.6	51.3	47.0	42.6	40.4	38.8	37.3	36.6	36.0
-25°	59.1	55.0	51.1	47.0	42.8	40.6	39.1	37.5	36.8	36.1	35.5
-26.25°	54.0	50.3	46.5	42.6	40.6	39.1	37.7	36.9	36.3	35.6	35.3
-27.5°	49.1	45.5	41.9	40.4	39.1	37.7	36.9	36.3	35.7	35.4	35.0
-28.75°	44.1	41.3	40.1	38.8	37.5	36.9	36.3	35.8	35.4	35.1	34.8
-30°	40.8	39.6	38.4	37.3	36.8	36.3	35.7	35.4	35.1	34.8	34.5
-31.25°	39.0	37.9	37.1	36.6	36.1	35.6	35.4	35.1	34.8	34.5	34.3
-32.5°	37.2	36.8	36.4	36.0	35.5	35.3	35.0	34.8	34.5	34.3	34.0
-33.75°	36.5	36.1	35.7	35.4	35.2	35.0	34.7	34.5	34.2	34.0	33.8
-35°	35.8	35.5	35.3	35.1	34.9	34.6	34.4	34.2	34.0	33.8	33.6
-36.25°	35.3	35.1	34.9	34.7	34.5	34.3	34.1	33.9	33.8	33.6	33.5
-37.5°	35.0	34.8	34.6	34.4	34.2	34.0	33.8	33.7	33.6	33.4	33.2
-38.75°	34.6	34.4	34.3	34.1	33.9	33.8	33.7	33.5	33.4	33.2	33.0
-40°	34.2	34.1	33.9	33.8	33.7	33.6	33.5	33.3	33.1	32.9	32.7
-41.25°	33.9	33.8	33.7	33.6	33.5	33.4	33.2	33.0	32.8	32.6	32.5
-42.5°	33.7	33.6	33.5	33.4	33.2	33.0	32.9	32.7	32.5	32.4	32.3
-43.75°	33.4	33.3	33.2	33.0	32.9	32.7	32.6	32.5	32.3	32.2	32.1
-45°	33.1	33.0	32.9	32.7	32.6	32.5	32.4	32.3	32.2	31.9	31.6
-46.25°	32.8	32.6	32.5	32.5	32.4	32.3	32.2	32.0	31.7	31.4	31.2
-47.5°	32.5	32.4	32.3	32.2	32.2	32.0	31.7	31.5	31.2	30.9	30.6
-48.75°	32.3	32.2	32.1	31.9	31.7	31.5	31.2	31.0	30.6	30.2	29.8
-50°	31.9	31.7	31.5	31.3	31.1	30.9	30.6	30.2	29.8	29.4	29.0
-51.25°	31.3	31.2	31.0	30.8	30.4	30.1	29.7	29.4	29.0	28.6	28.1
-52.5°	30.7	30.4	30.1	29.8	29.5	29.2	28.9	28.5	28.1	27.7	27.3
-53.75°	29.8	29.5	29.2	28.9	28.6	28.3	27.9	27.6	27.2	26.8	26.4
-55°	28.8	28.5	28.3	28.0	27.7	27.3	27.0	26.7	26.3	25.9	25.6
-56.25°	27.8	27.5	27.3	27.0	26.7	26.4	26.1	25.8	25.4	25.1	24.7
-57.5°	26.8	26.5	26.3	26.0	25.7	25.5	25.1	24.8	24.5	24.1	23.6
-58.75°	25.8	25.5	25.3	25.0	24.8	24.5	24.2	23.8	23.3	22.9	22.4
-60°	24.8	24.5	24.3	24.0	23.6	23.3	22.9	22.5	22.1	21.7	21.2
-61.25°	23.5	23.3	23.0	22.6	22.3	22.0	21.6	21.2	20.7	20.2	19.6
-62.5°	22.2	21.9	21.6	21.3	20.9	20.5	20.0	19.6	19.1	18.6	18.1
-63.75°	20.6	20.3	19.9	19.6	19.2	18.8	18.3	17.9	17.4	17.0	16.7
-65°	18.8	18.5	18.2	17.8	17.4	17.1	16.8	16.5	16.1	15.8	15.4
-66.25°	17.1	16.8	16.6	16.3	16.0	15.8	15.5	15.1	14.8	14.5	14.1
-67.5°	15.6	15.4	15.2	14.9	14.7	14.4	14.1	13.8	13.5	13.2	12.9
-68.75°	14.2	14.0	13.8	13.5	13.3	13.1	12.8	12.5	12.3	12.0	11.7
-70°	12.8	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.1	11.0	10.8
-71.25°	11.4	11.3	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1
-72.5°	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.7	9.6	9.5
-73.75°	9.8	9.7	9.6	9.5	9.5	9.4	9.4	9.3	9.2	9.2	9.1
-75°	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.8	8.7
-76.25°	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2
-77.5°	8.3	8.3	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.7	7.7



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.2	7.0	6.9
-80°	6.9	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0
-81.25°	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1
-82.5°	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.5	4.4
-83.75°	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7
-85°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9
-86.25°	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	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: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
86.25°	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
85°	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4
83.75°	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0
82.5°	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6
81.25°	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
80°	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8
78.75°	6.8	6.7	6.6	6.4	6.3	6.2	6.0	5.9	5.7	5.6	5.4
77.5°	7.6	7.5	7.4	7.3	7.2	7.0	6.8	6.7	6.5	6.3	6.2
76.25°	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.4	7.3	7.1	6.9
75°	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8	7.7	7.6
73.75°	9.0	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.1	8.0
72.5°	9.4	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.4
71.25°	9.9	9.8	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8
70°	10.6	10.5	10.3	10.1	9.9	9.7	9.6	9.5	9.3	9.2	9.1
68.75°	11.3	11.1	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.4
67.5°	12.6	12.2	11.9	11.5	11.2	11.0	10.8	10.5	10.3	10.1	9.8
66.25°	13.8	13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.9	10.7	10.4
65°	15.0	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6	11.2	11.0
63.75°	16.3	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.7	12.2	11.7
62.5°	17.5	17.1	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.6
61.25°	19.1	18.5	17.9	17.3	16.8	16.3	15.8	15.3	14.7	14.2	13.6
60°	20.6	20.0	19.4	18.8	18.1	17.4	16.9	16.3	15.8	15.2	14.6
58.75°	22.0	21.5	20.9	20.2	19.5	18.8	18.1	17.4	16.8	16.2	15.6
57.5°	23.1	22.6	22.1	21.6	20.9	20.2	19.5	18.7	17.9	17.2	16.5
56.25°	24.3	23.8	23.2	22.7	22.1	21.5	20.8	20.0	19.2	18.4	17.5
55°	25.2	24.8	24.3	23.8	23.2	22.6	22.0	21.3	20.5	19.6	18.8
53.75°	26.0	25.6	25.2	24.7	24.3	23.6	23.0	22.3	21.6	20.9	20.0
52.5°	26.9	26.4	26.0	25.5	25.0	24.6	24.0	23.3	22.6	21.9	21.1
51.25°	27.7	27.2	26.8	26.3	25.8	25.3	24.8	24.3	23.6	22.8	22.1
50°	28.5	28.1	27.6	27.1	26.6	26.1	25.5	25.0	24.4	23.7	23.0
48.75°	29.3	28.9	28.4	27.9	27.3	26.8	26.3	25.7	25.1	24.6	23.9
47.5°	30.1	29.6	29.1	28.6	28.1	27.5	27.0	26.4	25.8	25.2	24.6
46.25°	30.9	30.4	29.9	29.3	28.8	28.2	27.7	27.1	26.5	25.9	25.2
45°	31.3	31.0	30.6	30.1	29.5	29.0	28.4	27.8	27.1	26.5	25.9
43.75°	31.8	31.5	31.1	30.8	30.2	29.6	29.0	28.4	27.8	27.1	26.5
42.5°	32.2	31.9	31.6	31.2	30.9	30.3	29.7	29.1	28.4	27.8	27.1
41.25°	32.3	32.2	32.0	31.6	31.3	30.9	30.3	29.7	29.0	28.4	27.7
40°	32.5	32.4	32.2	32.1	31.7	31.3	30.9	30.3	29.6	29.0	28.2
38.75°	32.7	32.5	32.4	32.2	32.1	31.7	31.3	30.9	30.2	29.5	28.8
37.5°	33.0	32.8	32.6	32.4	32.2	32.1	31.6	31.2	30.8	30.1	29.3
36.25°	33.3	33.0	32.8	32.6	32.4	32.2	32.0	31.6	31.1	30.6	29.9
35°	33.5	33.3	33.0	32.8	32.5	32.4	32.2	31.9	31.5	31.0	30.4



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	33.6	33.5	33.3	33.0	32.7	32.5	32.3	32.2	31.8	31.3	30.9
32.5°	33.8	33.6	33.5	33.2	33.0	32.7	32.5	32.3	32.1	31.6	31.2
31.25°	34.0	33.8	33.6	33.4	33.2	32.9	32.6	32.4	32.2	31.9	31.4
30°	34.2	34.0	33.8	33.6	33.4	33.1	32.8	32.5	32.3	32.2	31.7
28.75°	34.5	34.2	33.9	33.7	33.5	33.3	33.0	32.7	32.5	32.3	32.0
27.5°	34.7	34.4	34.1	33.8	33.7	33.5	33.2	32.9	32.6	32.4	32.2
26.25°	35.0	34.6	34.3	34.0	33.8	33.6	33.4	33.0	32.7	32.5	32.3
25°	35.2	34.9	34.5	34.2	33.9	33.7	33.5	33.2	32.9	32.6	32.4
23.75°	35.4	35.1	34.7	34.4	34.1	33.8	33.6	33.4	33.0	32.7	32.5
22.5°	35.7	35.3	34.9	34.6	34.3	33.9	33.7	33.5	33.2	32.9	32.5
21.25°	36.1	35.5	35.1	34.8	34.4	34.1	33.8	33.6	33.3	33.0	32.6
20°	36.5	35.8	35.3	35.0	34.6	34.2	33.9	33.7	33.4	33.1	32.8
18.75°	36.9	36.2	35.5	35.1	34.7	34.4	34.0	33.8	33.5	33.3	32.9
17.5°	37.3	36.5	35.8	35.3	34.9	34.5	34.2	33.8	33.6	33.4	33.0
16.25°	38.1	36.9	36.1	35.5	35.1	34.7	34.3	33.9	33.7	33.5	33.1
15°	38.9	37.2	36.4	35.6	35.2	34.8	34.4	34.0	33.7	33.5	33.2
13.75°	39.7	37.7	36.7	35.9	35.3	34.9	34.5	34.1	33.8	33.6	33.3
12.5°	40.4	38.4	36.9	36.1	35.5	35.0	34.6	34.2	33.9	33.6	33.4
11.25°	41.1	39.0	37.1	36.3	35.6	35.1	34.7	34.3	33.9	33.7	33.4
10°	41.6	39.5	37.4	36.5	35.7	35.2	34.8	34.4	34.0	33.7	33.5
8.75°	43.0	40.0	37.9	36.7	35.9	35.3	34.9	34.5	34.1	33.8	33.5
7.5°	44.3	40.5	38.3	36.9	36.0	35.4	34.9	34.5	34.1	33.8	33.6
6.25°	45.4	40.8	38.7	37.0	36.2	35.5	35.0	34.6	34.2	33.8	33.6
5°	46.4	41.2	39.0	37.1	36.3	35.5	35.1	34.6	34.2	33.9	33.6
3.75°	47.1	41.4	39.2	37.2	36.3	35.5	35.1	34.7	34.3	33.9	33.6
2.5°	47.6	41.6	39.4	37.3	36.4	35.6	35.1	34.7	34.3	33.9	33.6
1.25°	47.9	41.7	39.5	37.3	36.4	35.6	35.1	34.7	34.3	33.9	33.6
0°	48.0	41.7	39.5	37.3	36.5	35.6	35.2	34.7	34.3	33.9	33.7
-1.25°	47.9	41.7	39.5	37.3	36.4	35.6	35.1	34.7	34.3	33.9	33.6
-2.5°	47.6	41.6	39.4	37.3	36.4	35.6	35.1	34.7	34.3	33.9	33.6
-3.75°	47.1	41.4	39.2	37.2	36.3	35.5	35.1	34.7	34.3	33.9	33.6
-5°	46.4	41.2	39.0	37.1	36.3	35.5	35.1	34.6	34.2	33.9	33.6
-6.25°	45.4	40.8	38.7	37.0	36.2	35.5	35.0	34.6	34.2	33.8	33.6
-7.5°	44.3	40.5	38.3	36.9	36.0	35.4	34.9	34.5	34.1	33.8	33.6
-8.75°	43.0	40.0	37.9	36.7	35.9	35.3	34.9	34.5	34.1	33.8	33.5
-10°	41.6	39.5	37.4	36.5	35.7	35.2	34.8	34.4	34.0	33.7	33.5
-11.25°	41.1	39.0	37.1	36.3	35.6	35.1	34.7	34.3	33.9	33.7	33.4
-12.5°	40.4	38.4	36.9	36.1	35.5	35.0	34.6	34.2	33.9	33.6	33.4
-13.75°	39.7	37.7	36.7	35.9	35.3	34.9	34.5	34.1	33.8	33.6	33.3
-15°	38.9	37.2	36.4	35.6	35.2	34.8	34.4	34.0	33.7	33.5	33.2
-16.25°	38.1	36.9	36.1	35.5	35.1	34.7	34.3	33.9	33.7	33.5	33.1
-17.5°	37.3	36.5	35.8	35.3	34.9	34.5	34.2	33.8	33.6	33.4	33.0
-18.75°	36.9	36.2	35.5	35.1	34.7	34.4	34.0	33.8	33.5	33.3	32.9
-20°	36.5	35.8	35.3	35.0	34.6	34.2	33.9	33.7	33.4	33.1	32.8
-21.25°	36.1	35.5	35.1	34.8	34.4	34.1	33.8	33.6	33.3	33.0	32.6



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	35.7	35.3	34.9	34.6	34.3	33.9	33.7	33.5	33.2	32.9	32.5
-23.75°	35.4	35.1	34.7	34.4	34.1	33.8	33.6	33.4	33.0	32.7	32.5
-25°	35.2	34.9	34.5	34.2	33.9	33.7	33.5	33.2	32.9	32.6	32.4
-26.25°	35.0	34.6	34.3	34.0	33.8	33.6	33.4	33.0	32.7	32.5	32.3
-27.5°	34.7	34.4	34.1	33.8	33.7	33.5	33.2	32.9	32.6	32.4	32.2
-28.75°	34.5	34.2	33.9	33.7	33.5	33.3	33.0	32.7	32.5	32.3	32.0
-30°	34.2	34.0	33.8	33.6	33.4	33.1	32.8	32.5	32.3	32.2	31.7
-31.25°	34.0	33.8	33.6	33.4	33.2	32.9	32.6	32.4	32.2	31.9	31.4
-32.5°	33.8	33.6	33.5	33.2	33.0	32.7	32.5	32.3	32.1	31.6	31.2
-33.75°	33.6	33.5	33.3	33.0	32.7	32.5	32.3	32.2	31.8	31.3	30.9
-35°	33.5	33.3	33.0	32.8	32.5	32.4	32.2	31.9	31.5	31.0	30.4
-36.25°	33.3	33.0	32.8	32.6	32.4	32.2	32.0	31.6	31.1	30.6	29.9
-37.5°	33.0	32.8	32.6	32.4	32.2	32.1	31.6	31.2	30.8	30.1	29.3
-38.75°	32.7	32.5	32.4	32.2	32.1	31.7	31.3	30.9	30.2	29.5	28.8
-40°	32.5	32.4	32.2	32.1	31.7	31.3	30.9	30.3	29.6	29.0	28.2
-41.25°	32.3	32.2	32.0	31.6	31.3	30.9	30.3	29.7	29.0	28.4	27.7
-42.5°	32.2	31.9	31.6	31.2	30.9	30.3	29.7	29.1	28.4	27.8	27.1
-43.75°	31.8	31.5	31.1	30.8	30.2	29.6	29.0	28.4	27.8	27.1	26.5
-45°	31.3	31.0	30.6	30.1	29.5	29.0	28.4	27.8	27.1	26.5	25.9
-46.25°	30.9	30.4	29.9	29.3	28.8	28.2	27.7	27.1	26.5	25.9	25.2
-47.5°	30.1	29.6	29.1	28.6	28.1	27.5	27.0	26.4	25.8	25.2	24.6
-48.75°	29.3	28.9	28.4	27.9	27.3	26.8	26.3	25.7	25.1	24.6	23.9
-50°	28.5	28.1	27.6	27.1	26.6	26.1	25.5	25.0	24.4	23.7	23.0
-51.25°	27.7	27.2	26.8	26.3	25.8	25.3	24.8	24.3	23.6	22.8	22.1
-52.5°	26.9	26.4	26.0	25.5	25.0	24.6	24.0	23.3	22.6	21.9	21.1
-53.75°	26.0	25.6	25.2	24.7	24.3	23.6	23.0	22.3	21.6	20.9	20.0
-55°	25.2	24.8	24.3	23.8	23.2	22.6	22.0	21.3	20.5	19.6	18.8
-56.25°	24.3	23.8	23.2	22.7	22.1	21.5	20.8	20.0	19.2	18.4	17.5
-57.5°	23.1	22.6	22.1	21.6	20.9	20.2	19.5	18.7	17.9	17.2	16.5
-58.75°	22.0	21.5	20.9	20.2	19.5	18.8	18.1	17.4	16.8	16.2	15.6
-60°	20.6	20.0	19.4	18.8	18.1	17.4	16.9	16.3	15.8	15.2	14.6
-61.25°	19.1	18.5	17.9	17.3	16.8	16.3	15.8	15.3	14.7	14.2	13.6
-62.5°	17.5	17.1	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.6
-63.75°	16.3	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.7	12.2	11.7
-65°	15.0	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6	11.2	11.0
-66.25°	13.8	13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.9	10.7	10.4
-67.5°	12.6	12.2	11.9	11.5	11.2	11.0	10.8	10.5	10.3	10.1	9.8
-68.75°	11.3	11.1	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.4
-70°	10.6	10.5	10.3	10.1	9.9	9.7	9.6	9.5	9.3	9.2	9.1
-71.25°	9.9	9.8	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8
-72.5°	9.4	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.4
-73.75°	9.0	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.1	8.0
-75°	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8	7.7	7.6
-76.25°	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.4	7.3	7.1	6.9
-77.5°	7.6	7.5	7.4	7.3	7.2	7.0	6.8	6.7	6.5	6.3	6.2



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	6.8	6.7	6.6	6.4	6.3	6.2	6.0	5.9	5.7	5.6	5.4
-80°	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8
-81.25°	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
-82.5°	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6
-83.75°	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1	3.1	3.0
-85°	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4
-86.25°	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
83.75°	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1
82.5°	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
81.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
80°	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
78.75°	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
77.5°	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3
76.25°	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7
75°	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.6	5.4	5.2
73.75°	7.9	7.7	7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.9	5.7
72.5°	8.3	8.1	8.0	7.8	7.7	7.5	7.3	7.1	6.8	6.5	6.2
71.25°	8.7	8.6	8.4	8.2	8.1	7.9	7.7	7.5	7.4	7.0	6.7
70°	9.0	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.3
68.75°	9.3	9.2	9.0	8.9	8.8	8.6	8.4	8.2	8.0	7.8	7.6
67.5°	9.6	9.5	9.3	9.2	9.0	8.9	8.8	8.6	8.4	8.2	7.9
66.25°	10.1	9.9	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.2
65°	10.7	10.4	10.1	9.8	9.6	9.4	9.3	9.1	8.9	8.8	8.5
63.75°	11.2	10.9	10.6	10.3	10.0	9.7	9.5	9.3	9.1	9.0	8.8
62.5°	12.1	11.6	11.1	10.8	10.5	10.2	9.8	9.6	9.4	9.2	9.0
61.25°	13.1	12.5	11.9	11.3	11.0	10.6	10.3	9.9	9.6	9.4	9.2
60°	14.0	13.4	12.8	12.2	11.6	11.1	10.7	10.4	10.0	9.6	9.4
58.75°	14.9	14.3	13.7	13.0	12.4	11.7	11.2	10.8	10.4	10.0	9.6
57.5°	15.9	15.2	14.6	13.9	13.2	12.5	11.8	11.2	10.8	10.4	10.0
56.25°	16.8	16.1	15.4	14.7	14.0	13.3	12.6	11.9	11.2	10.8	10.4
55°	17.9	17.1	16.3	15.6	14.8	14.1	13.3	12.6	11.8	11.2	10.7
53.75°	19.0	18.1	17.2	16.4	15.7	14.9	14.1	13.3	12.5	11.7	11.1
52.5°	20.2	19.2	18.2	17.3	16.5	15.7	14.8	14.0	13.2	12.4	11.6
51.25°	21.3	20.3	19.3	18.3	17.3	16.4	15.6	14.7	13.9	13.0	12.2
50°	22.2	21.4	20.4	19.3	18.2	17.2	16.3	15.4	14.6	13.7	12.8
48.75°	23.0	22.2	21.4	20.3	19.2	18.1	17.1	16.1	15.2	14.3	13.4
47.5°	23.9	23.0	22.2	21.3	20.2	19.0	17.9	16.8	15.9	14.9	14.0
46.25°	24.6	23.9	23.0	22.1	21.1	20.0	18.8	17.5	16.5	15.6	14.6
45°	25.2	24.6	23.7	22.8	21.9	20.9	19.6	18.4	17.2	16.2	15.2
43.75°	25.8	25.1	24.4	23.6	22.6	21.6	20.5	19.2	17.9	16.8	15.8
42.5°	26.4	25.7	25.0	24.3	23.3	22.3	21.3	20.0	18.7	17.4	16.3
41.25°	27.0	26.3	25.5	24.8	24.0	23.0	22.0	20.8	19.5	18.1	16.9
40°	27.5	26.8	26.1	25.3	24.6	23.6	22.6	21.5	20.2	18.8	17.4
38.75°	28.1	27.3	26.6	25.8	25.0	24.3	23.2	22.1	20.9	19.5	18.1
37.5°	28.6	27.9	27.1	26.3	25.5	24.7	23.8	22.7	21.6	20.2	18.8
36.25°	29.1	28.4	27.6	26.8	26.0	25.2	24.3	23.2	22.1	20.9	19.4
35°	29.6	28.9	28.1	27.2	26.4	25.6	24.8	23.8	22.6	21.5	20.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	30.1	29.3	28.5	27.7	26.9	26.0	25.2	24.3	23.1	22.0	20.6
32.5°	30.6	29.8	29.0	28.1	27.3	26.4	25.6	24.7	23.6	22.4	21.2
31.25°	30.9	30.2	29.4	28.6	27.7	26.8	25.9	25.1	24.1	22.9	21.7
30°	31.2	30.6	29.8	29.0	28.1	27.2	26.3	25.4	24.5	23.3	22.1
28.75°	31.5	31.0	30.2	29.4	28.5	27.6	26.7	25.8	24.8	23.8	22.5
27.5°	31.7	31.2	30.6	29.7	28.9	27.9	27.0	26.1	25.1	24.2	22.9
26.25°	32.0	31.5	30.9	30.1	29.2	28.3	27.3	26.4	25.5	24.5	23.3
25°	32.2	31.7	31.1	30.4	29.5	28.6	27.7	26.7	25.7	24.8	23.6
23.75°	32.2	31.9	31.3	30.8	29.8	28.9	28.0	27.0	26.0	25.0	24.0
22.5°	32.3	32.1	31.5	31.0	30.1	29.2	28.3	27.3	26.3	25.3	24.3
21.25°	32.4	32.2	31.7	31.2	30.4	29.5	28.5	27.5	26.5	25.5	24.5
20°	32.5	32.3	31.9	31.3	30.7	29.8	28.8	27.8	26.8	25.8	24.8
18.75°	32.6	32.3	32.1	31.5	30.9	30.0	29.0	28.0	27.0	26.0	25.0
17.5°	32.6	32.4	32.2	31.7	31.1	30.2	29.3	28.3	27.2	26.2	25.2
16.25°	32.7	32.5	32.2	31.8	31.2	30.5	29.5	28.5	27.4	26.4	25.3
15°	32.8	32.5	32.3	31.9	31.3	30.7	29.7	28.7	27.6	26.6	25.5
13.75°	32.9	32.6	32.3	32.1	31.5	30.8	29.8	28.8	27.8	26.7	25.7
12.5°	33.0	32.6	32.4	32.1	31.6	30.9	30.0	29.0	27.9	26.9	25.8
11.25°	33.1	32.7	32.4	32.2	31.7	31.0	30.2	29.1	28.1	27.0	25.9
10°	33.1	32.8	32.5	32.2	31.8	31.1	30.3	29.3	28.2	27.1	26.1
8.75°	33.2	32.8	32.5	32.2	31.8	31.2	30.4	29.4	28.3	27.2	26.2
7.5°	33.3	32.9	32.5	32.3	31.9	31.3	30.5	29.5	28.4	27.3	26.3
6.25°	33.3	32.9	32.5	32.3	32.0	31.3	30.6	29.6	28.5	27.4	26.3
5°	33.3	32.9	32.6	32.3	32.0	31.4	30.7	29.6	28.6	27.5	26.4
3.75°	33.4	33.0	32.6	32.3	32.1	31.4	30.7	29.7	28.6	27.5	26.4
2.5°	33.4	33.0	32.6	32.3	32.1	31.4	30.8	29.7	28.7	27.6	26.5
1.25°	33.4	33.0	32.6	32.3	32.1	31.4	30.8	29.7	28.7	27.6	26.5
0°	33.4	33.0	32.6	32.4	32.1	31.5	30.8	29.8	28.7	27.6	26.5
-1.25°	33.4	33.0	32.6	32.3	32.1	31.4	30.8	29.7	28.7	27.6	26.5
-2.5°	33.4	33.0	32.6	32.3	32.1	31.4	30.8	29.7	28.7	27.6	26.5
-3.75°	33.4	33.0	32.6	32.3	32.1	31.4	30.7	29.7	28.6	27.5	26.4
-5°	33.3	32.9	32.6	32.3	32.0	31.4	30.7	29.6	28.6	27.5	26.4
-6.25°	33.3	32.9	32.5	32.3	32.0	31.3	30.6	29.6	28.5	27.4	26.3
-7.5°	33.3	32.9	32.5	32.3	31.9	31.3	30.5	29.5	28.4	27.3	26.3
-8.75°	33.2	32.8	32.5	32.2	31.8	31.2	30.4	29.4	28.3	27.2	26.2
-10°	33.1	32.8	32.5	32.2	31.8	31.1	30.3	29.3	28.2	27.1	26.1
-11.25°	33.1	32.7	32.4	32.2	31.7	31.0	30.2	29.1	28.1	27.0	25.9
-12.5°	33.0	32.6	32.4	32.1	31.6	30.9	30.0	29.0	27.9	26.9	25.8
-13.75°	32.9	32.6	32.3	32.1	31.5	30.8	29.8	28.8	27.8	26.7	25.7
-15°	32.8	32.5	32.3	31.9	31.3	30.7	29.7	28.7	27.6	26.6	25.5
-16.25°	32.7	32.5	32.2	31.8	31.2	30.5	29.5	28.5	27.4	26.4	25.3
-17.5°	32.6	32.4	32.2	31.7	31.1	30.2	29.3	28.3	27.2	26.2	25.2
-18.75°	32.6	32.3	32.1	31.5	30.9	30.0	29.0	28.0	27.0	26.0	25.0
-20°	32.5	32.3	31.9	31.3	30.7	29.8	28.8	27.8	26.8	25.8	24.8
-21.25°	32.4	32.2	31.7	31.2	30.4	29.5	28.5	27.5	26.5	25.5	24.5



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	32.3	32.1	31.5	31.0	30.1	29.2	28.3	27.3	26.3	25.3	24.3
-23.75°	32.2	31.9	31.3	30.8	29.8	28.9	28.0	27.0	26.0	25.0	24.0
-25°	32.2	31.7	31.1	30.4	29.5	28.6	27.7	26.7	25.7	24.8	23.6
-26.25°	32.0	31.5	30.9	30.1	29.2	28.3	27.3	26.4	25.5	24.5	23.3
-27.5°	31.7	31.2	30.6	29.7	28.9	27.9	27.0	26.1	25.1	24.2	22.9
-28.75°	31.5	31.0	30.2	29.4	28.5	27.6	26.7	25.8	24.8	23.8	22.5
-30°	31.2	30.6	29.8	29.0	28.1	27.2	26.3	25.4	24.5	23.3	22.1
-31.25°	30.9	30.2	29.4	28.6	27.7	26.8	25.9	25.1	24.1	22.9	21.7
-32.5°	30.6	29.8	29.0	28.1	27.3	26.4	25.6	24.7	23.6	22.4	21.2
-33.75°	30.1	29.3	28.5	27.7	26.9	26.0	25.2	24.3	23.1	22.0	20.6
-35°	29.6	28.9	28.1	27.2	26.4	25.6	24.8	23.8	22.6	21.5	20.0
-36.25°	29.1	28.4	27.6	26.8	26.0	25.2	24.3	23.2	22.1	20.9	19.4
-37.5°	28.6	27.9	27.1	26.3	25.5	24.7	23.8	22.7	21.6	20.2	18.8
-38.75°	28.1	27.3	26.6	25.8	25.0	24.3	23.2	22.1	20.9	19.5	18.1
-40°	27.5	26.8	26.1	25.3	24.6	23.6	22.6	21.5	20.2	18.8	17.4
-41.25°	27.0	26.3	25.5	24.8	24.0	23.0	22.0	20.8	19.5	18.1	16.9
-42.5°	26.4	25.7	25.0	24.3	23.3	22.3	21.3	20.0	18.7	17.4	16.3
-43.75°	25.8	25.1	24.4	23.6	22.6	21.6	20.5	19.2	17.9	16.8	15.8
-45°	25.2	24.6	23.7	22.8	21.9	20.9	19.6	18.4	17.2	16.2	15.2
-46.25°	24.6	23.9	23.0	22.1	21.1	20.0	18.8	17.5	16.5	15.6	14.6
-47.5°	23.9	23.0	22.2	21.3	20.2	19.0	17.9	16.8	15.9	14.9	14.0
-48.75°	23.0	22.2	21.4	20.3	19.2	18.1	17.1	16.1	15.2	14.3	13.4
-50°	22.2	21.4	20.4	19.3	18.2	17.2	16.3	15.4	14.6	13.7	12.8
-51.25°	21.3	20.3	19.3	18.3	17.3	16.4	15.6	14.7	13.9	13.0	12.2
-52.5°	20.2	19.2	18.2	17.3	16.5	15.7	14.8	14.0	13.2	12.4	11.6
-53.75°	19.0	18.1	17.2	16.4	15.7	14.9	14.1	13.3	12.5	11.7	11.1
-55°	17.9	17.1	16.3	15.6	14.8	14.1	13.3	12.6	11.8	11.2	10.7
-56.25°	16.8	16.1	15.4	14.7	14.0	13.3	12.6	11.9	11.2	10.8	10.4
-57.5°	15.9	15.2	14.6	13.9	13.2	12.5	11.8	11.2	10.8	10.4	10.0
-58.75°	14.9	14.3	13.7	13.0	12.4	11.7	11.2	10.8	10.4	10.0	9.6
-60°	14.0	13.4	12.8	12.2	11.6	11.1	10.7	10.4	10.0	9.6	9.4
-61.25°	13.1	12.5	11.9	11.3	11.0	10.6	10.3	9.9	9.6	9.4	9.2
-62.5°	12.1	11.6	11.1	10.8	10.5	10.2	9.8	9.6	9.4	9.2	9.0
-63.75°	11.2	10.9	10.6	10.3	10.0	9.7	9.5	9.3	9.1	9.0	8.8
-65°	10.7	10.4	10.1	9.8	9.6	9.4	9.3	9.1	8.9	8.8	8.5
-66.25°	10.1	9.9	9.6	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.2
-67.5°	9.6	9.5	9.3	9.2	9.0	8.9	8.8	8.6	8.4	8.2	7.9
-68.75°	9.3	9.2	9.0	8.9	8.8	8.6	8.4	8.2	8.0	7.8	7.6
-70°	9.0	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.3
-71.25°	8.7	8.6	8.4	8.2	8.1	7.9	7.7	7.5	7.4	7.0	6.7
-72.5°	8.3	8.1	8.0	7.8	7.7	7.5	7.3	7.1	6.8	6.5	6.2
-73.75°	7.9	7.7	7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.9	5.7
-75°	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.6	5.4	5.2
-76.25°	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7
-77.5°	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
-80°	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5
-81.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
-82.5°	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-83.75°	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1
-85°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
-88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
83.75°	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2
82.5°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4
81.25°	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
80°	3.3	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9
78.75°	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2
77.5°	4.2	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4
76.25°	4.6	4.4	4.2	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.6
75°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9
73.75°	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.1
72.5°	5.9	5.6	5.3	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.4
71.25°	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1	3.9	3.6
70°	6.9	6.6	6.3	5.9	5.6	5.2	4.9	4.7	4.4	4.1	3.8
68.75°	7.4	7.1	6.7	6.4	6.0	5.6	5.2	4.9	4.6	4.4	4.1
67.5°	7.7	7.5	7.2	6.8	6.4	6.0	5.6	5.2	4.9	4.6	4.3
66.25°	8.0	7.8	7.5	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.5
65°	8.3	8.1	7.8	7.6	7.2	6.8	6.4	5.9	5.5	5.1	4.7
63.75°	8.6	8.3	8.1	7.8	7.5	7.2	6.7	6.3	5.8	5.3	4.9
62.5°	8.8	8.6	8.3	8.1	7.8	7.5	7.1	6.6	6.1	5.6	5.1
61.25°	9.0	8.8	8.6	8.3	8.0	7.7	7.4	6.9	6.4	5.9	5.4
60°	9.2	9.0	8.8	8.5	8.2	7.9	7.6	7.3	6.7	6.2	5.7
58.75°	9.4	9.2	9.0	8.8	8.5	8.2	7.8	7.5	7.0	6.5	5.9
57.5°	9.6	9.4	9.1	8.9	8.7	8.4	8.0	7.7	7.4	6.8	6.2
56.25°	9.9	9.6	9.3	9.1	8.9	8.6	8.2	7.9	7.5	7.1	6.5
55°	10.3	9.8	9.5	9.3	9.0	8.8	8.4	8.1	7.7	7.3	6.7
53.75°	10.6	10.2	9.7	9.4	9.2	8.9	8.6	8.3	7.9	7.5	7.0
52.5°	11.0	10.5	10.0	9.6	9.3	9.0	8.8	8.4	8.1	7.7	7.2
51.25°	11.3	10.8	10.3	9.8	9.5	9.2	8.9	8.6	8.2	7.8	7.4
50°	11.9	11.1	10.6	10.1	9.6	9.3	9.0	8.8	8.4	8.0	7.6
48.75°	12.5	11.6	10.9	10.4	9.9	9.5	9.2	8.9	8.6	8.1	7.7
47.5°	13.1	12.1	11.2	10.7	10.1	9.6	9.3	9.0	8.7	8.3	7.9
46.25°	13.6	12.6	11.7	11.0	10.4	9.8	9.4	9.1	8.8	8.4	8.0
45°	14.2	13.2	12.2	11.2	10.7	10.1	9.5	9.2	8.9	8.6	8.1
43.75°	14.7	13.7	12.7	11.6	10.9	10.3	9.7	9.3	9.0	8.7	8.3
42.5°	15.3	14.2	13.1	12.1	11.1	10.5	9.9	9.5	9.1	8.8	8.4
41.25°	15.8	14.7	13.6	12.5	11.5	10.8	10.2	9.6	9.2	8.9	8.5
40°	16.3	15.2	14.1	13.0	11.9	11.0	10.4	9.7	9.3	9.0	8.6
38.75°	16.8	15.7	14.5	13.4	12.3	11.2	10.6	9.9	9.4	9.1	8.7
37.5°	17.3	16.1	15.0	13.8	12.7	11.5	10.8	10.1	9.5	9.2	8.8
36.25°	17.9	16.6	15.4	14.2	13.0	11.9	11.0	10.3	9.6	9.3	8.9
35°	18.5	17.1	15.8	14.6	13.4	12.2	11.1	10.5	9.8	9.3	9.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	19.1	17.5	16.3	15.0	13.8	12.6	11.3	10.6	9.9	9.4	9.0
32.5°	19.6	18.1	16.7	15.4	14.1	12.9	11.7	10.8	10.1	9.5	9.1
31.25°	20.2	18.6	17.0	15.8	14.5	13.2	12.0	11.0	10.2	9.6	9.2
30°	20.7	19.1	17.4	16.1	14.8	13.5	12.3	11.1	10.4	9.7	9.2
28.75°	21.2	19.6	17.9	16.5	15.1	13.8	12.5	11.3	10.5	9.8	9.3
27.5°	21.6	20.0	18.3	16.8	15.5	14.1	12.8	11.5	10.7	9.9	9.4
26.25°	22.0	20.5	18.8	17.1	15.8	14.4	13.1	11.7	10.8	10.0	9.4
25°	22.3	20.9	19.2	17.4	16.0	14.7	13.3	12.0	10.9	10.2	9.5
23.75°	22.6	21.3	19.6	17.8	16.3	14.9	13.5	12.2	11.0	10.3	9.5
22.5°	23.0	21.6	19.9	18.2	16.6	15.2	13.8	12.4	11.1	10.4	9.6
21.25°	23.3	21.9	20.3	18.5	16.8	15.4	14.0	12.6	11.3	10.5	9.7
20°	23.5	22.2	20.6	18.8	17.1	15.6	14.2	12.8	11.4	10.6	9.8
18.75°	23.8	22.4	20.9	19.1	17.3	15.8	14.4	13.0	11.6	10.6	9.8
17.5°	24.1	22.7	21.2	19.4	17.5	16.0	14.6	13.1	11.7	10.7	9.9
16.25°	24.3	22.9	21.5	19.6	17.8	16.2	14.7	13.3	11.9	10.8	10.0
15°	24.5	23.1	21.6	19.9	18.0	16.4	14.9	13.4	12.0	10.9	10.1
13.75°	24.6	23.3	21.8	20.1	18.2	16.6	15.1	13.6	12.1	10.9	10.1
12.5°	24.7	23.5	22.0	20.3	18.4	16.7	15.2	13.7	12.2	11.0	10.2
11.25°	24.9	23.6	22.2	20.5	18.6	16.8	15.3	13.8	12.4	11.1	10.2
10°	25.0	23.8	22.3	20.7	18.8	17.0	15.4	13.9	12.4	11.1	10.3
8.75°	25.1	23.9	22.4	20.8	18.9	17.1	15.5	14.0	12.5	11.2	10.3
7.5°	25.2	24.0	22.5	20.9	19.0	17.1	15.6	14.1	12.6	11.2	10.4
6.25°	25.2	24.1	22.6	21.1	19.1	17.2	15.7	14.2	12.7	11.2	10.4
5°	25.3	24.2	22.7	21.1	19.2	17.3	15.7	14.2	12.7	11.3	10.4
3.75°	25.3	24.2	22.7	21.2	19.3	17.3	15.8	14.2	12.8	11.3	10.4
2.5°	25.4	24.3	22.8	21.3	19.3	17.4	15.8	14.3	12.8	11.3	10.4
1.25°	25.4	24.3	22.8	21.3	19.3	17.4	15.8	14.3	12.8	11.3	10.4
0°	25.4	24.3	22.8	21.3	19.4	17.4	15.9	14.3	12.8	11.3	10.5
-1.25°	25.4	24.3	22.8	21.3	19.3	17.4	15.8	14.3	12.8	11.3	10.4
-2.5°	25.4	24.3	22.8	21.3	19.3	17.4	15.8	14.3	12.8	11.3	10.4
-3.75°	25.3	24.2	22.7	21.2	19.3	17.3	15.8	14.2	12.8	11.3	10.4
-5°	25.3	24.2	22.7	21.1	19.2	17.3	15.7	14.2	12.7	11.3	10.4
-6.25°	25.2	24.1	22.6	21.1	19.1	17.2	15.7	14.2	12.7	11.2	10.4
-7.5°	25.2	24.0	22.5	20.9	19.0	17.1	15.6	14.1	12.6	11.2	10.4
-8.75°	25.1	23.9	22.4	20.8	18.9	17.1	15.5	14.0	12.5	11.2	10.3
-10°	25.0	23.8	22.3	20.7	18.8	17.0	15.4	13.9	12.4	11.1	10.3
-11.25°	24.9	23.6	22.2	20.5	18.6	16.8	15.3	13.8	12.4	11.1	10.2
-12.5°	24.7	23.5	22.0	20.3	18.4	16.7	15.2	13.7	12.2	11.0	10.2
-13.75°	24.6	23.3	21.8	20.1	18.2	16.6	15.1	13.6	12.1	10.9	10.1
-15°	24.5	23.1	21.6	19.9	18.0	16.4	14.9	13.4	12.0	10.9	10.1
-16.25°	24.3	22.9	21.5	19.6	17.8	16.2	14.7	13.3	11.9	10.8	10.0
-17.5°	24.1	22.7	21.2	19.4	17.5	16.0	14.6	13.1	11.7	10.7	9.9
-18.75°	23.8	22.4	20.9	19.1	17.3	15.8	14.4	13.0	11.6	10.6	9.8
-20°	23.5	22.2	20.6	18.8	17.1	15.6	14.2	12.8	11.4	10.6	9.8
-21.25°	23.3	21.9	20.3	18.5	16.8	15.4	14.0	12.6	11.3	10.5	9.7



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	23.0	21.6	19.9	18.2	16.6	15.2	13.8	12.4	11.1	10.4	9.6
-23.75°	22.6	21.3	19.6	17.8	16.3	14.9	13.5	12.2	11.0	10.3	9.5
-25°	22.3	20.9	19.2	17.4	16.0	14.7	13.3	12.0	10.9	10.2	9.5
-26.25°	22.0	20.5	18.8	17.1	15.8	14.4	13.1	11.7	10.8	10.0	9.4
-27.5°	21.6	20.0	18.3	16.8	15.5	14.1	12.8	11.5	10.7	9.9	9.4
-28.75°	21.2	19.6	17.9	16.5	15.1	13.8	12.5	11.3	10.5	9.8	9.3
-30°	20.7	19.1	17.4	16.1	14.8	13.5	12.3	11.1	10.4	9.7	9.2
-31.25°	20.2	18.6	17.0	15.8	14.5	13.2	12.0	11.0	10.2	9.6	9.2
-32.5°	19.6	18.1	16.7	15.4	14.1	12.9	11.7	10.8	10.1	9.5	9.1
-33.75°	19.1	17.5	16.3	15.0	13.8	12.6	11.3	10.6	9.9	9.4	9.0
-35°	18.5	17.1	15.8	14.6	13.4	12.2	11.1	10.5	9.8	9.3	9.0
-36.25°	17.9	16.6	15.4	14.2	13.0	11.9	11.0	10.3	9.6	9.3	8.9
-37.5°	17.3	16.1	15.0	13.8	12.7	11.5	10.8	10.1	9.5	9.2	8.8
-38.75°	16.8	15.7	14.5	13.4	12.3	11.2	10.6	9.9	9.4	9.1	8.7
-40°	16.3	15.2	14.1	13.0	11.9	11.0	10.4	9.7	9.3	9.0	8.6
-41.25°	15.8	14.7	13.6	12.5	11.5	10.8	10.2	9.6	9.2	8.9	8.5
-42.5°	15.3	14.2	13.1	12.1	11.1	10.5	9.9	9.5	9.1	8.8	8.4
-43.75°	14.7	13.7	12.7	11.6	10.9	10.3	9.7	9.3	9.0	8.7	8.3
-45°	14.2	13.2	12.2	11.2	10.7	10.1	9.5	9.2	8.9	8.6	8.1
-46.25°	13.6	12.6	11.7	11.0	10.4	9.8	9.4	9.1	8.8	8.4	8.0
-47.5°	13.1	12.1	11.2	10.7	10.1	9.6	9.3	9.0	8.7	8.3	7.9
-48.75°	12.5	11.6	10.9	10.4	9.9	9.5	9.2	8.9	8.6	8.1	7.7
-50°	11.9	11.1	10.6	10.1	9.6	9.3	9.0	8.8	8.4	8.0	7.6
-51.25°	11.3	10.8	10.3	9.8	9.5	9.2	8.9	8.6	8.2	7.8	7.4
-52.5°	11.0	10.5	10.0	9.6	9.3	9.0	8.8	8.4	8.1	7.7	7.2
-53.75°	10.6	10.2	9.7	9.4	9.2	8.9	8.6	8.3	7.9	7.5	7.0
-55°	10.3	9.8	9.5	9.3	9.0	8.8	8.4	8.1	7.7	7.3	6.7
-56.25°	9.9	9.6	9.3	9.1	8.9	8.6	8.2	7.9	7.5	7.1	6.5
-57.5°	9.6	9.4	9.1	8.9	8.7	8.4	8.0	7.7	7.4	6.8	6.2
-58.75°	9.4	9.2	9.0	8.8	8.5	8.2	7.8	7.5	7.0	6.5	5.9
-60°	9.2	9.0	8.8	8.5	8.2	7.9	7.6	7.3	6.7	6.2	5.7
-61.25°	9.0	8.8	8.6	8.3	8.0	7.7	7.4	6.9	6.4	5.9	5.4
-62.5°	8.8	8.6	8.3	8.1	7.8	7.5	7.1	6.6	6.1	5.6	5.1
-63.75°	8.6	8.3	8.1	7.8	7.5	7.2	6.7	6.3	5.8	5.3	4.9
-65°	8.3	8.1	7.8	7.6	7.2	6.8	6.4	5.9	5.5	5.1	4.7
-66.25°	8.0	7.8	7.5	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.5
-67.5°	7.7	7.5	7.2	6.8	6.4	6.0	5.6	5.2	4.9	4.6	4.3
-68.75°	7.4	7.1	6.7	6.4	6.0	5.6	5.2	4.9	4.6	4.4	4.1
-70°	6.9	6.6	6.3	5.9	5.6	5.2	4.9	4.7	4.4	4.1	3.8
-71.25°	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1	3.9	3.6
-72.5°	5.9	5.6	5.3	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.4
-73.75°	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.1
-75°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9
-76.25°	4.6	4.4	4.2	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.6
-77.5°	4.2	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.8	3.6	3.5	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2
-80°	3.3	3.2	3.1	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9
-81.25°	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-82.5°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4
-83.75°	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2
-85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
-88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
86.25°	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
85°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
83.75°	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2
82.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
81.25°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
80°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
78.75°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
77.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4
76.25°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
75°	2.7	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
73.75°	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
72.5°	3.1	2.9	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
71.25°	3.3	3.1	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
70°	3.6	3.3	3.0	2.7	2.4	2.0	1.7	1.5	1.2	0.9	0.6
68.75°	3.8	3.5	3.1	2.8	2.5	2.2	1.9	1.5	1.2	0.9	0.6
67.5°	4.0	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
66.25°	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
65°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.7
63.75°	4.6	4.2	3.8	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
62.5°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
61.25°	5.0	4.6	4.2	3.8	3.3	2.9	2.5	2.1	1.6	1.2	0.8
60°	5.2	4.7	4.3	3.9	3.5	3.0	2.6	2.1	1.7	1.3	0.8
58.75°	5.4	4.9	4.5	4.0	3.6	3.2	2.7	2.2	1.8	1.3	0.9
57.5°	5.6	5.1	4.6	4.2	3.7	3.3	2.8	2.3	1.8	1.4	0.9
56.25°	5.9	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	0.9
55°	6.1	5.5	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
53.75°	6.3	5.7	5.1	4.6	4.1	3.6	3.1	2.6	2.0	1.5	1.0
52.5°	6.6	5.9	5.3	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.0
51.25°	6.8	6.1	5.5	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.1
50°	7.0	6.3	5.6	5.0	4.5	3.9	3.4	2.8	2.2	1.6	1.1
48.75°	7.2	6.5	5.8	5.1	4.6	4.0	3.5	2.9	2.3	1.7	1.1
47.5°	7.4	6.7	6.0	5.3	4.7	4.1	3.5	2.9	2.3	1.7	1.1
46.25°	7.6	6.9	6.2	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
45°	7.7	7.1	6.3	5.6	4.9	4.3	3.7	3.1	2.4	1.8	1.2
43.75°	7.8	7.3	6.5	5.7	5.0	4.4	3.8	3.1	2.5	1.8	1.2
42.5°	7.9	7.4	6.7	5.9	5.1	4.5	3.9	3.2	2.6	1.9	1.3
41.25°	8.0	7.6	6.8	6.0	5.2	4.6	3.9	3.3	2.6	1.9	1.3
40°	8.1	7.7	7.0	6.2	5.3	4.7	4.0	3.3	2.7	2.0	1.3
38.75°	8.3	7.8	7.2	6.3	5.4	4.7	4.1	3.4	2.7	2.0	1.3
37.5°	8.4	7.9	7.3	6.4	5.6	4.8	4.1	3.5	2.8	2.0	1.3
36.25°	8.5	7.9	7.4	6.6	5.7	4.9	4.2	3.5	2.8	2.1	1.4
35°	8.6	8.0	7.5	6.7	5.8	5.0	4.3	3.6	2.8	2.1	1.4



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	8.7	8.1	7.6	6.8	5.9	5.0	4.3	3.6	2.9	2.1	1.4
32.5°	8.7	8.2	7.7	6.9	6.0	5.1	4.4	3.7	2.9	2.2	1.4
31.25°	8.8	8.3	7.7	7.0	6.1	5.2	4.5	3.7	3.0	2.2	1.5
30°	8.9	8.4	7.8	7.2	6.2	5.3	4.5	3.8	3.0	2.2	1.5
28.75°	8.9	8.5	7.9	7.3	6.3	5.3	4.6	3.8	3.1	2.3	1.5
27.5°	9.0	8.5	8.0	7.4	6.4	5.4	4.6	3.9	3.1	2.3	1.5
26.25°	9.0	8.6	8.0	7.4	6.5	5.5	4.7	3.9	3.1	2.3	1.5
25°	9.1	8.7	8.1	7.5	6.6	5.6	4.7	4.0	3.2	2.3	1.5
23.75°	9.1	8.7	8.1	7.5	6.6	5.6	4.8	4.0	3.2	2.4	1.6
22.5°	9.2	8.8	8.2	7.6	6.7	5.7	4.8	4.0	3.2	2.4	1.6
21.25°	9.2	8.8	8.3	7.6	6.8	5.8	4.9	4.1	3.3	2.4	1.6
20°	9.3	8.8	8.3	7.7	6.9	5.8	4.9	4.1	3.3	2.4	1.6
18.75°	9.3	8.9	8.3	7.7	6.9	5.9	4.9	4.1	3.3	2.5	1.6
17.5°	9.3	8.9	8.4	7.8	7.0	5.9	5.0	4.2	3.3	2.5	1.6
16.25°	9.4	8.9	8.4	7.8	7.0	6.0	5.0	4.2	3.4	2.5	1.6
15°	9.4	9.0	8.5	7.8	7.1	6.0	5.0	4.2	3.4	2.5	1.6
13.75°	9.4	9.0	8.5	7.9	7.1	6.1	5.1	4.2	3.4	2.5	1.7
12.5°	9.5	9.0	8.5	7.9	7.2	6.1	5.1	4.2	3.4	2.5	1.7
11.25°	9.5	9.1	8.6	7.9	7.2	6.2	5.1	4.3	3.4	2.5	1.7
10°	9.5	9.1	8.6	8.0	7.3	6.2	5.1	4.3	3.4	2.6	1.7
8.75°	9.5	9.1	8.6	8.0	7.3	6.2	5.1	4.3	3.5	2.6	1.7
7.5°	9.6	9.1	8.6	8.0	7.3	6.2	5.2	4.3	3.5	2.6	1.7
6.25°	9.6	9.1	8.7	8.0	7.3	6.3	5.2	4.3	3.5	2.6	1.7
5°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
3.75°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
2.5°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
1.25°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
0°	9.6	9.2	8.7	8.1	7.4	6.3	5.2	4.4	3.5	2.6	1.7
-1.25°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
-2.5°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
-3.75°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
-5°	9.6	9.1	8.7	8.0	7.4	6.3	5.2	4.3	3.5	2.6	1.7
-6.25°	9.6	9.1	8.7	8.0	7.3	6.3	5.2	4.3	3.5	2.6	1.7
-7.5°	9.6	9.1	8.6	8.0	7.3	6.2	5.2	4.3	3.5	2.6	1.7
-8.75°	9.5	9.1	8.6	8.0	7.3	6.2	5.1	4.3	3.5	2.6	1.7
-10°	9.5	9.1	8.6	8.0	7.3	6.2	5.1	4.3	3.4	2.6	1.7
-11.25°	9.5	9.1	8.6	7.9	7.2	6.2	5.1	4.3	3.4	2.5	1.7
-12.5°	9.5	9.0	8.5	7.9	7.2	6.1	5.1	4.2	3.4	2.5	1.7
-13.75°	9.4	9.0	8.5	7.9	7.1	6.1	5.1	4.2	3.4	2.5	1.7
-15°	9.4	9.0	8.5	7.8	7.1	6.0	5.0	4.2	3.4	2.5	1.6
-16.25°	9.4	8.9	8.4	7.8	7.0	6.0	5.0	4.2	3.4	2.5	1.6
-17.5°	9.3	8.9	8.4	7.8	7.0	5.9	5.0	4.2	3.3	2.5	1.6
-18.75°	9.3	8.9	8.3	7.7	6.9	5.9	4.9	4.1	3.3	2.5	1.6
-20°	9.3	8.8	8.3	7.7	6.9	5.8	4.9	4.1	3.3	2.4	1.6
-21.25°	9.2	8.8	8.3	7.6	6.8	5.8	4.9	4.1	3.3	2.4	1.6



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	9.2	8.8	8.2	7.6	6.7	5.7	4.8	4.0	3.2	2.4	1.6
-23.75°	9.1	8.7	8.1	7.5	6.6	5.6	4.8	4.0	3.2	2.4	1.6
-25°	9.1	8.7	8.1	7.5	6.6	5.6	4.7	4.0	3.2	2.3	1.5
-26.25°	9.0	8.6	8.0	7.4	6.5	5.5	4.7	3.9	3.1	2.3	1.5
-27.5°	9.0	8.5	8.0	7.4	6.4	5.4	4.6	3.9	3.1	2.3	1.5
-28.75°	8.9	8.5	7.9	7.3	6.3	5.3	4.6	3.8	3.1	2.3	1.5
-30°	8.9	8.4	7.8	7.2	6.2	5.3	4.5	3.8	3.0	2.2	1.5
-31.25°	8.8	8.3	7.7	7.0	6.1	5.2	4.5	3.7	3.0	2.2	1.5
-32.5°	8.7	8.2	7.7	6.9	6.0	5.1	4.4	3.7	2.9	2.2	1.4
-33.75°	8.7	8.1	7.6	6.8	5.9	5.0	4.3	3.6	2.9	2.1	1.4
-35°	8.6	8.0	7.5	6.7	5.8	5.0	4.3	3.6	2.8	2.1	1.4
-36.25°	8.5	7.9	7.4	6.6	5.7	4.9	4.2	3.5	2.8	2.1	1.4
-37.5°	8.4	7.9	7.3	6.4	5.6	4.8	4.1	3.5	2.8	2.0	1.3
-38.75°	8.3	7.8	7.2	6.3	5.4	4.7	4.1	3.4	2.7	2.0	1.3
-40°	8.1	7.7	7.0	6.2	5.3	4.7	4.0	3.3	2.7	2.0	1.3
-41.25°	8.0	7.6	6.8	6.0	5.2	4.6	3.9	3.3	2.6	1.9	1.3
-42.5°	7.9	7.4	6.7	5.9	5.1	4.5	3.9	3.2	2.6	1.9	1.3
-43.75°	7.8	7.3	6.5	5.7	5.0	4.4	3.8	3.1	2.5	1.8	1.2
-45°	7.7	7.1	6.3	5.6	4.9	4.3	3.7	3.1	2.4	1.8	1.2
-46.25°	7.6	6.9	6.2	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.2
-47.5°	7.4	6.7	6.0	5.3	4.7	4.1	3.5	2.9	2.3	1.7	1.1
-48.75°	7.2	6.5	5.8	5.1	4.6	4.0	3.5	2.9	2.3	1.7	1.1
-50°	7.0	6.3	5.6	5.0	4.5	3.9	3.4	2.8	2.2	1.6	1.1
-51.25°	6.8	6.1	5.5	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.1
-52.5°	6.6	5.9	5.3	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.0
-53.75°	6.3	5.7	5.1	4.6	4.1	3.6	3.1	2.6	2.0	1.5	1.0
-55°	6.1	5.5	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-56.25°	5.9	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	0.9
-57.5°	5.6	5.1	4.6	4.2	3.7	3.3	2.8	2.3	1.8	1.4	0.9
-58.75°	5.4	4.9	4.5	4.0	3.6	3.2	2.7	2.2	1.8	1.3	0.9
-60°	5.2	4.7	4.3	3.9	3.5	3.0	2.6	2.1	1.7	1.3	0.8
-61.25°	5.0	4.6	4.2	3.8	3.3	2.9	2.5	2.1	1.6	1.2	0.8
-62.5°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-63.75°	4.6	4.2	3.8	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-65°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.7
-66.25°	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-67.5°	4.0	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-68.75°	3.8	3.5	3.1	2.8	2.5	2.2	1.9	1.5	1.2	0.9	0.6
-70°	3.6	3.3	3.0	2.7	2.4	2.0	1.7	1.5	1.2	0.9	0.6
-71.25°	3.3	3.1	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-72.5°	3.1	2.9	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-73.75°	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
-75°	2.7	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
-76.25°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-77.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.7	0.0
32.5°	0.7	0.0
31.25°	0.7	0.0
30°	0.7	0.0
28.75°	0.7	0.0
27.5°	0.8	0.0
26.25°	0.8	0.0
25°	0.8	0.0
23.75°	0.8	0.0
22.5°	0.8	0.0
21.25°	0.8	0.0
20°	0.8	0.0
18.75°	0.8	0.0
17.5°	0.8	0.0
16.25°	0.8	0.0
15°	0.8	0.0
13.75°	0.8	0.0
12.5°	0.8	0.0
11.25°	0.8	0.0
10°	0.8	0.0
8.75°	0.8	0.0
7.5°	0.8	0.0
6.25°	0.8	0.0
5°	0.8	0.0
3.75°	0.8	0.0
2.5°	0.8	0.0
1.25°	0.8	0.0
0°	0.8	0.0
-1.25°	0.8	0.0
-2.5°	0.8	0.0
-3.75°	0.8	0.0
-5°	0.8	0.0
-6.25°	0.8	0.0
-7.5°	0.8	0.0
-8.75°	0.8	0.0
-10°	0.8	0.0
-11.25°	0.8	0.0
-12.5°	0.8	0.0
-13.75°	0.8	0.0
-15°	0.8	0.0
-16.25°	0.8	0.0
-17.5°	0.8	0.0
-18.75°	0.8	0.0
-20°	0.8	0.0
-21.25°	0.8	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.8	0.0
-23.75°	0.8	0.0
-25°	0.8	0.0
-26.25°	0.8	0.0
-27.5°	0.8	0.0
-28.75°	0.7	0.0
-30°	0.7	0.0
-31.25°	0.7	0.0
-32.5°	0.7	0.0
-33.75°	0.7	0.0
-35°	0.7	0.0
-36.25°	0.7	0.0
-37.5°	0.7	0.0
-38.75°	0.7	0.0
-40°	0.7	0.0
-41.25°	0.6	0.0
-42.5°	0.6	0.0
-43.75°	0.6	0.0
-45°	0.6	0.0
-46.25°	0.6	0.0
-47.5°	0.6	0.0
-48.75°	0.6	0.0
-50°	0.5	0.0
-51.25°	0.5	0.0
-52.5°	0.5	0.0
-53.75°	0.5	0.0
-55°	0.5	0.0
-56.25°	0.5	0.0
-57.5°	0.5	0.0
-58.75°	0.4	0.0
-60°	0.4	0.0
-61.25°	0.4	0.0
-62.5°	0.4	0.0
-63.75°	0.4	0.0
-65°	0.4	0.0
-66.25°	0.3	0.0
-67.5°	0.3	0.0
-68.75°	0.3	0.0
-70°	0.3	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.2	0.0
-75°	0.2	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P220457 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)