

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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

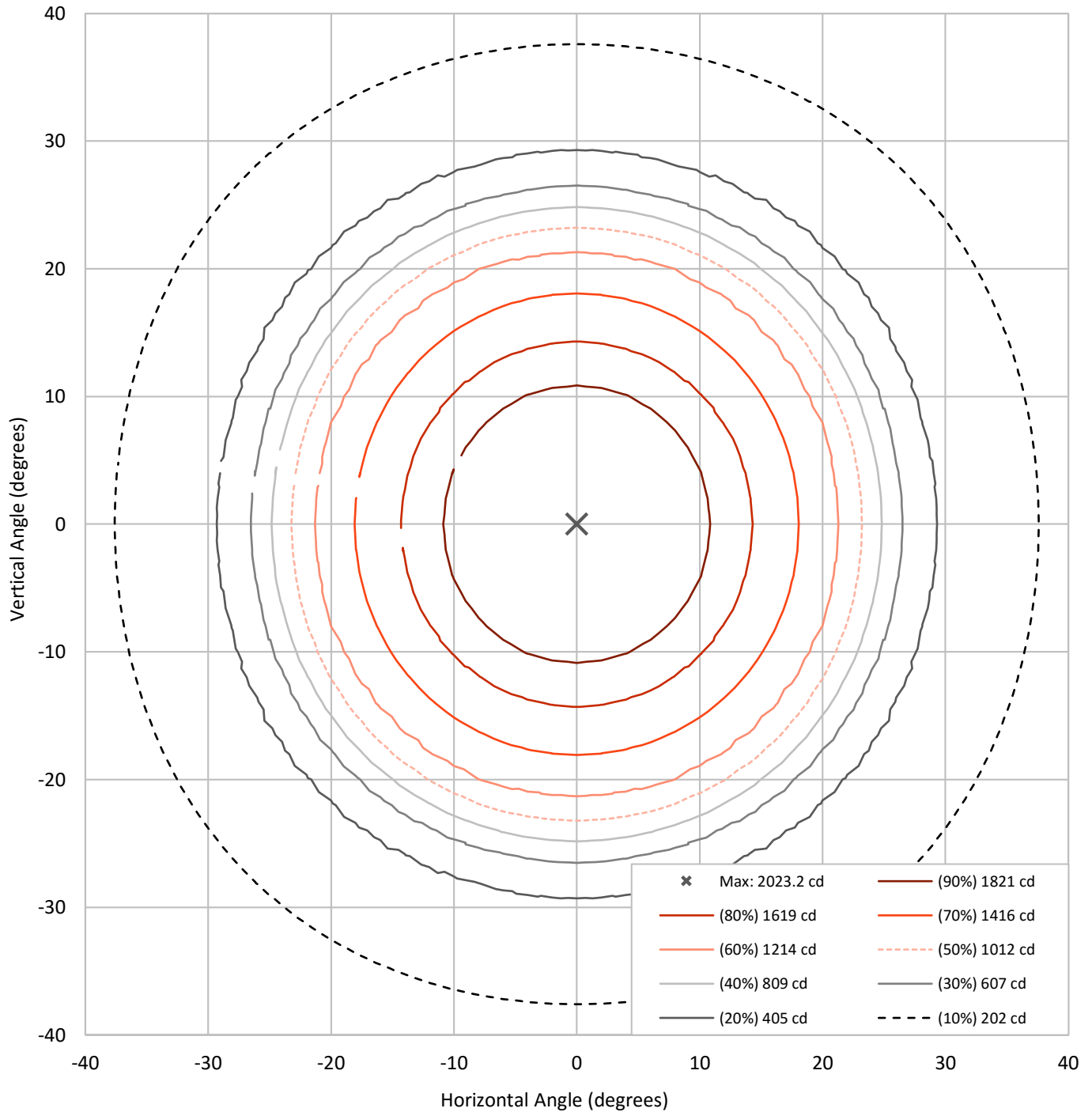
Test Method: LM-79-08
Report Number: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29471)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1361.7 lumens	Max Intensity:	2023.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.5°H x 46.5°V	Field Angle (10%):	75.2°H x 75.2°V
Beam Lumens:	782.2 lumens	Field Lumens:	1114.5 lumens
Beam Efficiency:	57.4%	Field Efficiency:	81.8%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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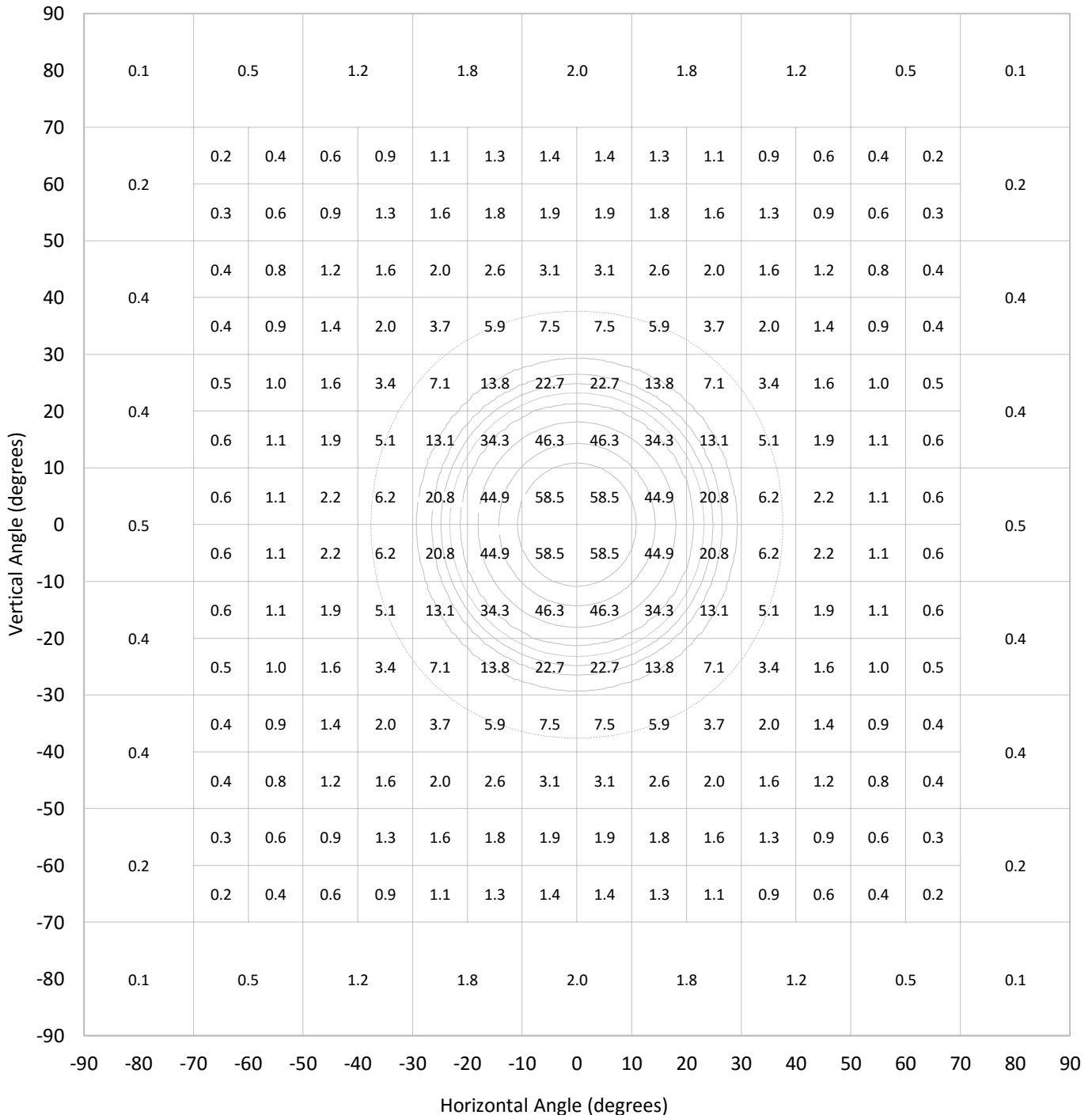
Iso-Candela Plot





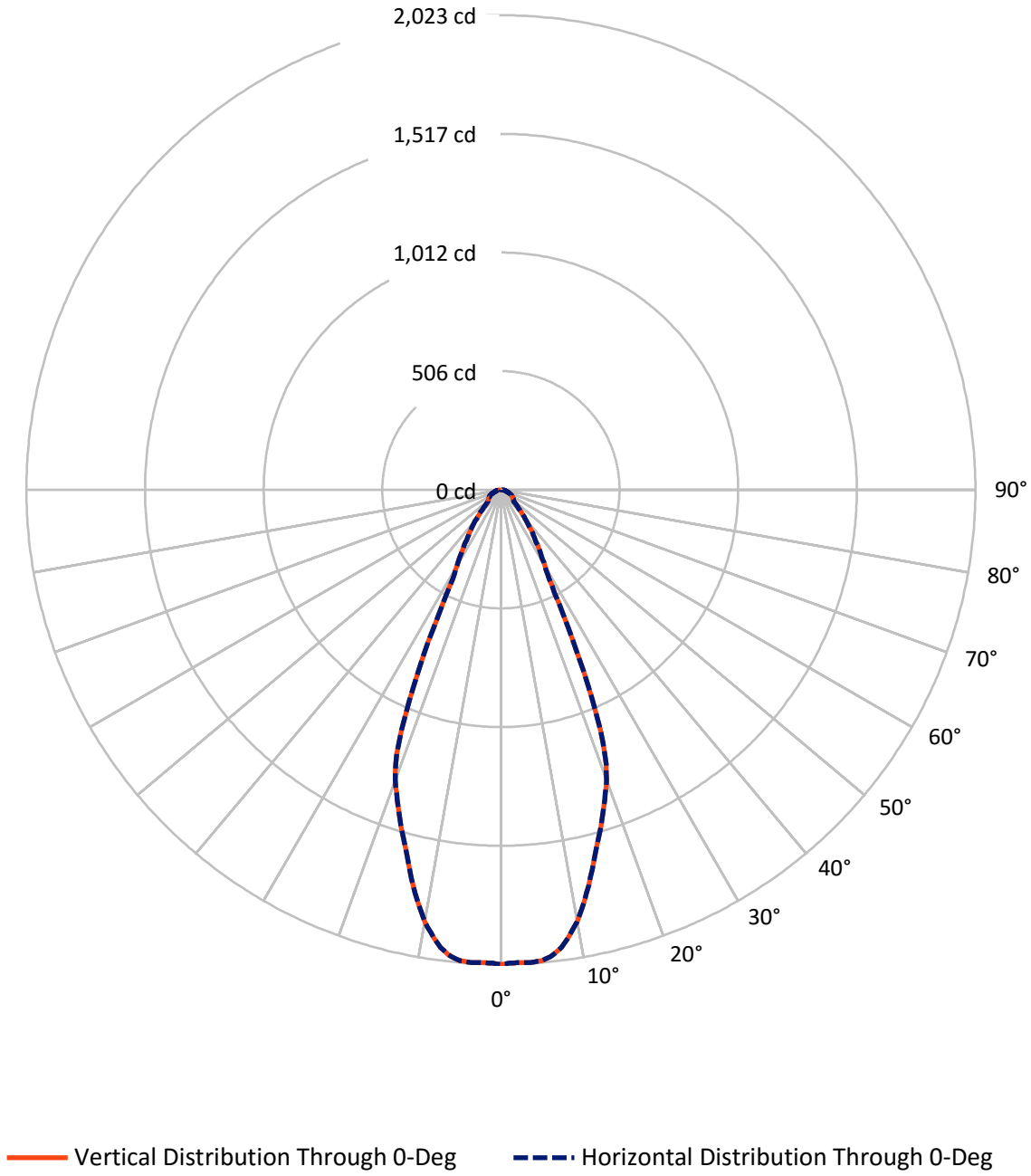
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Lumen Table



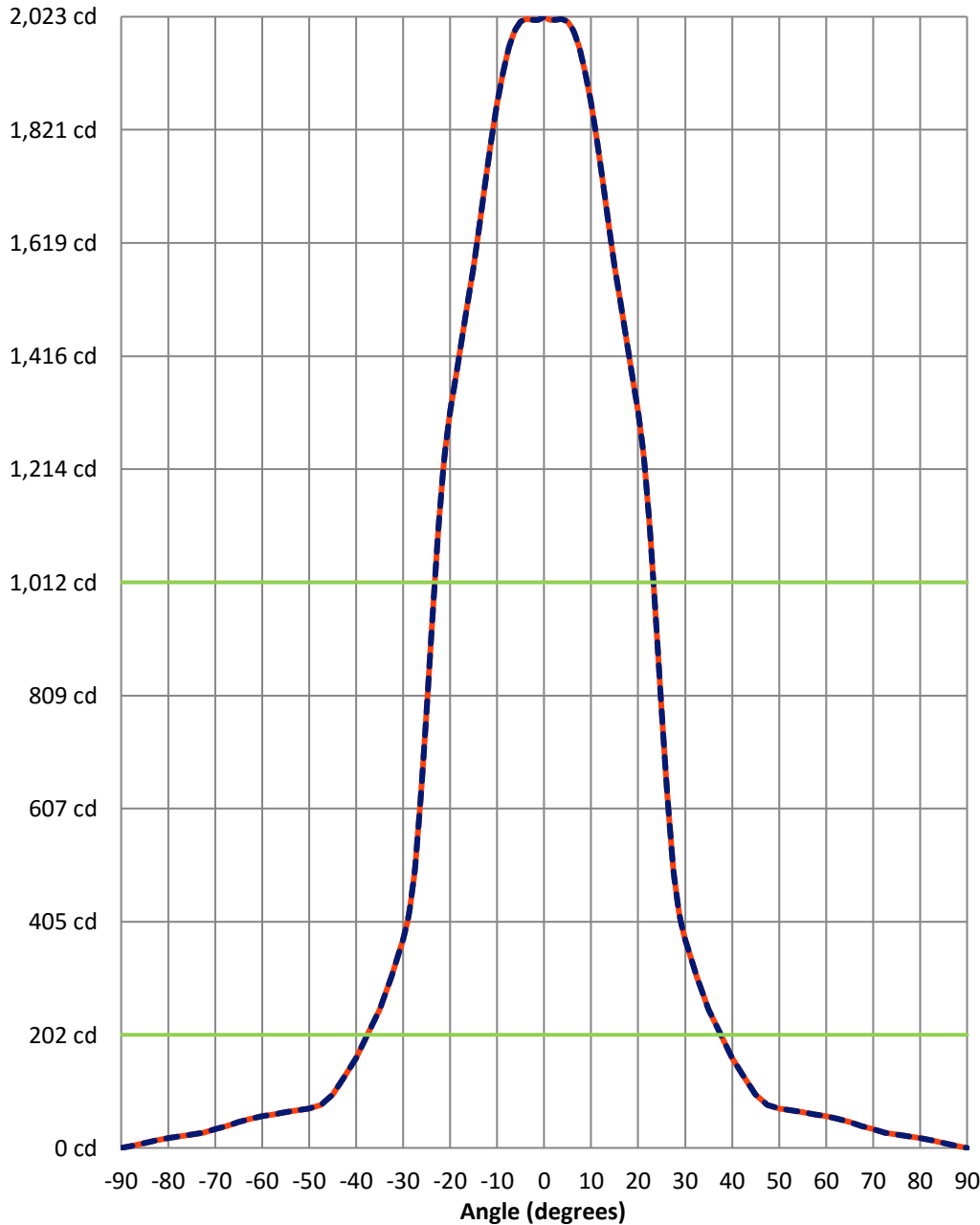
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.5°
 V Angle: 46.5°
 Lumens: 782.2
 Efficiency: 57.4%

Field:
 H Angle: 75.2°
 V Angle: 75.2°
 Lumens: 1114.5
 Efficiency: 81.8%

Spill:
 Lumens: 247.2
 Efficiency: 18.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
86.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
83.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.2
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
81.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
78.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.9	4.4
76.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.9
75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.8	5.4
73.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.5	5.2	5.9
72.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.9	5.7	6.4
71.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.6	5.3	6.1	6.9
70°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	4.9	5.7	6.5	7.4
68.75°	0.0	0.7	1.4	2.2	2.9	3.6	4.4	5.3	6.1	7.0	7.8
67.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.7	5.6	6.5	7.4	8.3
66.25°	0.0	0.8	1.6	2.4	3.2	4.0	5.0	5.9	6.9	7.9	8.8
65°	0.0	0.8	1.7	2.5	3.4	4.3	5.3	6.3	7.3	8.3	9.3
63.75°	0.0	0.9	1.8	2.7	3.5	4.5	5.6	6.6	7.7	8.7	9.7
62.5°	0.0	0.9	1.8	2.8	3.7	4.7	5.8	6.9	8.0	9.1	10.2
61.25°	0.0	1.0	1.9	2.9	3.8	5.0	6.1	7.3	8.4	9.5	10.7
60°	0.0	1.0	2.0	3.0	4.0	5.2	6.4	7.6	8.8	9.9	11.1
58.75°	0.0	1.0	2.1	3.1	4.2	5.4	6.7	7.9	9.1	10.4	11.6
57.5°	0.0	1.1	2.1	3.2	4.4	5.6	6.9	8.2	9.5	10.8	12.0
56.25°	0.0	1.1	2.2	3.3	4.5	5.9	7.2	8.5	9.8	11.1	12.5
55°	0.0	1.1	2.3	3.4	4.7	6.1	7.4	8.8	10.2	11.5	12.9
53.75°	0.0	1.2	2.4	3.5	4.9	6.3	7.7	9.1	10.5	11.9	13.3
52.5°	0.0	1.2	2.4	3.7	5.0	6.5	8.0	9.4	10.9	12.3	13.7
51.25°	0.0	1.3	2.5	3.8	5.2	6.7	8.2	9.7	11.2	12.7	14.1
50°	0.0	1.3	2.6	3.9	5.4	6.9	8.4	10.0	11.5	13.0	14.4
48.75°	0.0	1.3	2.6	4.0	5.5	7.1	8.7	10.3	11.8	13.4	14.7
47.5°	0.0	1.4	2.7	4.1	5.7	7.3	8.9	10.5	12.1	13.7	15.1
46.25°	0.0	1.4	2.8	4.2	5.8	7.5	9.1	10.8	12.4	14.0	15.4
45°	0.0	1.4	2.8	4.3	6.0	7.7	9.4	11.1	12.7	14.3	15.7
43.75°	0.0	1.4	2.9	4.4	6.1	7.9	9.6	11.3	13.0	14.6	16.0
42.5°	0.0	1.5	2.9	4.5	6.3	8.0	9.8	11.6	13.3	14.8	16.3
41.25°	0.0	1.5	3.0	4.6	6.4	8.2	10.0	11.8	13.6	15.1	16.6
40°	0.0	1.5	3.1	4.7	6.6	8.4	10.2	12.0	13.8	15.4	16.9
38.75°	0.0	1.6	3.1	4.8	6.7	8.6	10.4	12.3	14.1	15.6	17.1
37.5°	0.0	1.6	3.2	4.9	6.8	8.7	10.6	12.5	14.3	15.8	17.4
36.25°	0.0	1.6	3.2	5.0	6.9	8.9	10.8	12.7	14.5	16.1	17.7
35°	0.0	1.6	3.3	5.1	7.1	9.0	11.0	12.9	14.7	16.3	17.9



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.7	3.3	5.2	7.2	9.2	11.2	13.2	14.9	16.5	18.1
32.5°	0.0	1.7	3.4	5.3	7.3	9.3	11.3	13.4	15.1	16.8	18.3
31.25°	0.0	1.7	3.4	5.4	7.4	9.5	11.5	13.5	15.3	17.0	18.4
30°	0.0	1.7	3.5	5.4	7.5	9.6	11.7	13.7	15.4	17.2	18.6
28.75°	0.0	1.8	3.5	5.5	7.6	9.7	11.8	13.9	15.6	17.4	18.8
27.5°	0.0	1.8	3.5	5.6	7.7	9.8	12.0	14.0	15.8	17.5	19.0
26.25°	0.0	1.8	3.6	5.7	7.8	10.0	12.1	14.1	15.9	17.7	19.1
25°	0.0	1.8	3.6	5.7	7.9	10.1	12.2	14.3	16.1	17.8	19.3
23.75°	0.0	1.8	3.7	5.8	8.0	10.2	12.4	14.4	16.2	18.0	19.4
22.5°	0.0	1.8	3.7	5.9	8.1	10.3	12.5	14.5	16.4	18.1	19.6
21.25°	0.0	1.9	3.7	5.9	8.1	10.4	12.6	14.6	16.5	18.2	19.7
20°	0.0	1.9	3.8	6.0	8.2	10.5	12.7	14.7	16.6	18.3	19.8
18.75°	0.0	1.9	3.8	6.0	8.3	10.6	12.8	14.9	16.7	18.4	19.9
17.5°	0.0	1.9	3.8	6.1	8.4	10.6	12.9	14.9	16.9	18.5	20.0
16.25°	0.0	1.9	3.8	6.1	8.4	10.7	13.0	15.0	17.0	18.6	20.2
15°	0.0	1.9	3.9	6.2	8.5	10.8	13.1	15.1	17.0	18.7	20.2
13.75°	0.0	1.9	3.9	6.2	8.5	10.9	13.2	15.2	17.1	18.8	20.3
12.5°	0.0	2.0	3.9	6.2	8.6	10.9	13.3	15.3	17.2	18.9	20.4
11.25°	0.0	2.0	3.9	6.3	8.6	11.0	13.3	15.3	17.3	18.9	20.5
10°	0.0	2.0	3.9	6.3	8.7	11.0	13.4	15.4	17.4	19.0	20.6
8.75°	0.0	2.0	4.0	6.3	8.7	11.1	13.4	15.4	17.4	19.0	20.6
7.5°	0.0	2.0	4.0	6.3	8.7	11.1	13.5	15.5	17.5	19.1	20.7
6.25°	0.0	2.0	4.0	6.4	8.7	11.1	13.5	15.5	17.5	19.1	20.7
5°	0.0	2.0	4.0	6.4	8.8	11.2	13.5	15.5	17.5	19.1	20.7
3.75°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
2.5°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
1.25°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
0°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
-1.25°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
-2.5°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
-3.75°	0.0	2.0	4.0	6.4	8.8	11.2	13.6	15.6	17.6	19.2	20.8
-5°	0.0	2.0	4.0	6.4	8.8	11.2	13.5	15.5	17.5	19.1	20.7
-6.25°	0.0	2.0	4.0	6.4	8.7	11.1	13.5	15.5	17.5	19.1	20.7
-7.5°	0.0	2.0	4.0	6.3	8.7	11.1	13.5	15.5	17.5	19.1	20.7
-8.75°	0.0	2.0	4.0	6.3	8.7	11.1	13.4	15.4	17.4	19.0	20.6
-10°	0.0	2.0	3.9	6.3	8.7	11.0	13.4	15.4	17.4	19.0	20.6
-11.25°	0.0	2.0	3.9	6.3	8.6	11.0	13.3	15.3	17.3	18.9	20.5
-12.5°	0.0	2.0	3.9	6.2	8.6	10.9	13.3	15.3	17.2	18.9	20.4
-13.75°	0.0	1.9	3.9	6.2	8.5	10.9	13.2	15.2	17.1	18.8	20.3
-15°	0.0	1.9	3.9	6.2	8.5	10.8	13.1	15.1	17.0	18.7	20.2
-16.25°	0.0	1.9	3.8	6.1	8.4	10.7	13.0	15.0	17.0	18.6	20.2
-17.5°	0.0	1.9	3.8	6.1	8.4	10.6	12.9	14.9	16.9	18.5	20.0
-18.75°	0.0	1.9	3.8	6.0	8.3	10.6	12.8	14.9	16.7	18.4	19.9
-20°	0.0	1.9	3.8	6.0	8.2	10.5	12.7	14.7	16.6	18.3	19.8
-21.25°	0.0	1.9	3.7	5.9	8.1	10.4	12.6	14.6	16.5	18.2	19.7



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.8	3.7	5.9	8.1	10.3	12.5	14.5	16.4	18.1	19.6
-23.75°	0.0	1.8	3.7	5.8	8.0	10.2	12.4	14.4	16.2	18.0	19.4
-25°	0.0	1.8	3.6	5.7	7.9	10.1	12.2	14.3	16.1	17.8	19.3
-26.25°	0.0	1.8	3.6	5.7	7.8	10.0	12.1	14.1	15.9	17.7	19.1
-27.5°	0.0	1.8	3.5	5.6	7.7	9.8	12.0	14.0	15.8	17.5	19.0
-28.75°	0.0	1.8	3.5	5.5	7.6	9.7	11.8	13.9	15.6	17.4	18.8
-30°	0.0	1.7	3.5	5.4	7.5	9.6	11.7	13.7	15.4	17.2	18.6
-31.25°	0.0	1.7	3.4	5.4	7.4	9.5	11.5	13.5	15.3	17.0	18.4
-32.5°	0.0	1.7	3.4	5.3	7.3	9.3	11.3	13.4	15.1	16.8	18.3
-33.75°	0.0	1.7	3.3	5.2	7.2	9.2	11.2	13.2	14.9	16.5	18.1
-35°	0.0	1.6	3.3	5.1	7.1	9.0	11.0	12.9	14.7	16.3	17.9
-36.25°	0.0	1.6	3.2	5.0	6.9	8.9	10.8	12.7	14.5	16.1	17.7
-37.5°	0.0	1.6	3.2	4.9	6.8	8.7	10.6	12.5	14.3	15.8	17.4
-38.75°	0.0	1.6	3.1	4.8	6.7	8.6	10.4	12.3	14.1	15.6	17.1
-40°	0.0	1.5	3.1	4.7	6.6	8.4	10.2	12.0	13.8	15.4	16.9
-41.25°	0.0	1.5	3.0	4.6	6.4	8.2	10.0	11.8	13.6	15.1	16.6
-42.5°	0.0	1.5	2.9	4.5	6.3	8.0	9.8	11.6	13.3	14.8	16.3
-43.75°	0.0	1.4	2.9	4.4	6.1	7.9	9.6	11.3	13.0	14.6	16.0
-45°	0.0	1.4	2.8	4.3	6.0	7.7	9.4	11.1	12.7	14.3	15.7
-46.25°	0.0	1.4	2.8	4.2	5.8	7.5	9.1	10.8	12.4	14.0	15.4
-47.5°	0.0	1.4	2.7	4.1	5.7	7.3	8.9	10.5	12.1	13.7	15.1
-48.75°	0.0	1.3	2.6	4.0	5.5	7.1	8.7	10.3	11.8	13.4	14.7
-50°	0.0	1.3	2.6	3.9	5.4	6.9	8.4	10.0	11.5	13.0	14.4
-51.25°	0.0	1.3	2.5	3.8	5.2	6.7	8.2	9.7	11.2	12.7	14.1
-52.5°	0.0	1.2	2.4	3.7	5.0	6.5	8.0	9.4	10.9	12.3	13.7
-53.75°	0.0	1.2	2.4	3.5	4.9	6.3	7.7	9.1	10.5	11.9	13.3
-55°	0.0	1.1	2.3	3.4	4.7	6.1	7.4	8.8	10.2	11.5	12.9
-56.25°	0.0	1.1	2.2	3.3	4.5	5.9	7.2	8.5	9.8	11.1	12.5
-57.5°	0.0	1.1	2.1	3.2	4.4	5.6	6.9	8.2	9.5	10.8	12.0
-58.75°	0.0	1.0	2.1	3.1	4.2	5.4	6.7	7.9	9.1	10.4	11.6
-60°	0.0	1.0	2.0	3.0	4.0	5.2	6.4	7.6	8.8	9.9	11.1
-61.25°	0.0	1.0	1.9	2.9	3.8	5.0	6.1	7.3	8.4	9.5	10.7
-62.5°	0.0	0.9	1.8	2.8	3.7	4.7	5.8	6.9	8.0	9.1	10.2
-63.75°	0.0	0.9	1.8	2.7	3.5	4.5	5.6	6.6	7.7	8.7	9.7
-65°	0.0	0.8	1.7	2.5	3.4	4.3	5.3	6.3	7.3	8.3	9.3
-66.25°	0.0	0.8	1.6	2.4	3.2	4.0	5.0	5.9	6.9	7.9	8.8
-67.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.7	5.6	6.5	7.4	8.3
-68.75°	0.0	0.7	1.4	2.2	2.9	3.6	4.4	5.3	6.1	7.0	7.8
-70°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	4.9	5.7	6.5	7.4
-71.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.6	5.3	6.1	6.9
-72.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.9	5.7	6.4
-73.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.5	5.2	5.9
-75°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.8	5.4
-76.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.3	4.9
-77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.9	4.4



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4
-81.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
-83.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.2
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-86.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
-88.75°	0.0	0.0	0.1	0.1	0.2	0.2	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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
87.5°	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
86.25°	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7
85°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
83.75°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.3	4.5
82.5°	2.8	3.1	3.3	3.6	3.8	4.1	4.4	4.7	5.0	5.3	5.6
81.25°	3.3	3.6	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.3	6.6
80°	3.8	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7
78.75°	4.3	4.8	5.2	5.7	6.1	6.5	7.0	7.4	7.9	8.3	8.7
77.5°	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.8	9.3	9.7
76.25°	5.4	6.0	6.5	7.1	7.6	8.2	8.7	9.2	9.7	10.3	10.8
75°	6.0	6.6	7.2	7.8	8.4	9.0	9.5	10.1	10.7	11.3	11.8
73.75°	6.5	7.2	7.8	8.5	9.1	9.7	10.4	11.0	11.6	12.2	12.9
72.5°	7.1	7.8	8.5	9.2	9.8	10.5	11.2	11.9	12.6	13.2	13.8
71.25°	7.6	8.4	9.1	9.8	10.6	11.3	12.0	12.8	13.5	14.1	14.7
70°	8.2	9.0	9.7	10.5	11.3	12.1	12.9	13.6	14.3	14.9	15.5
68.75°	8.7	9.5	10.4	11.2	12.0	12.9	13.7	14.4	15.0	15.7	16.4
67.5°	9.2	10.1	11.0	11.9	12.8	13.6	14.4	15.1	15.8	16.5	17.2
66.25°	9.7	10.7	11.6	12.6	13.5	14.3	15.0	15.8	16.5	17.3	17.9
65°	10.3	11.3	12.2	13.2	14.1	14.9	15.7	16.5	17.3	18.0	18.6
63.75°	10.8	11.8	12.9	13.8	14.7	15.5	16.4	17.2	17.9	18.6	19.2
62.5°	11.3	12.4	13.5	14.4	15.3	16.1	17.0	17.8	18.5	19.2	19.9
61.25°	11.8	12.9	14.0	14.9	15.8	16.7	17.7	18.4	19.1	19.8	20.5
60°	12.3	13.5	14.5	15.4	16.4	17.4	18.2	18.9	19.7	20.4	21.2
58.75°	12.8	13.9	15.0	16.0	17.0	17.9	18.7	19.5	20.2	21.0	21.8
57.5°	13.3	14.4	15.4	16.5	17.5	18.4	19.2	20.0	20.8	21.6	22.4
56.25°	13.7	14.8	15.9	17.0	18.0	18.8	19.7	20.5	21.3	22.2	23.0
55°	14.1	15.3	16.4	17.5	18.4	19.3	20.2	21.0	21.9	22.8	23.6
53.75°	14.5	15.7	16.8	17.9	18.8	19.7	20.6	21.5	22.4	23.3	24.2
52.5°	14.9	16.1	17.3	18.3	19.2	20.2	21.1	22.0	23.0	23.9	24.8
51.25°	15.3	16.5	17.7	18.7	19.7	20.6	21.6	22.5	23.5	24.4	25.4
50°	15.7	16.9	18.1	19.1	20.1	21.1	22.0	23.0	24.0	25.0	25.9
48.75°	16.0	17.3	18.4	19.4	20.5	21.5	22.5	23.5	24.5	25.5	26.5
47.5°	16.4	17.7	18.7	19.8	20.9	21.9	22.9	24.0	25.0	26.0	27.1
46.25°	16.7	18.0	19.1	20.2	21.2	22.3	23.4	24.4	25.5	26.6	28.0
45°	17.1	18.3	19.4	20.5	21.6	22.7	23.8	24.9	26.0	27.1	29.1
43.75°	17.4	18.6	19.7	20.9	22.0	23.1	24.2	25.3	26.4	27.9	30.1
42.5°	17.7	18.9	20.0	21.2	22.3	23.5	24.6	25.8	26.9	28.9	31.1
41.25°	18.0	19.2	20.3	21.5	22.7	23.9	25.0	26.2	27.5	29.8	32.1
40°	18.2	19.4	20.6	21.8	23.0	24.2	25.4	26.6	28.4	30.8	33.1
38.75°	18.5	19.7	20.9	22.2	23.4	24.6	25.8	27.0	29.3	31.7	34.0
37.5°	18.7	20.0	21.2	22.5	23.7	25.0	26.2	27.6	30.1	32.6	34.8
36.25°	18.9	20.2	21.5	22.8	24.0	25.3	26.6	28.4	30.9	33.4	35.6
35°	19.2	20.5	21.8	23.1	24.3	25.6	26.9	29.2	31.7	34.2	36.4

REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	19.4	20.7	22.0	23.3	24.6	25.9	27.3	29.9	32.5	34.9	37.1
32.5°	19.6	20.9	22.3	23.6	24.9	26.3	28.0	30.6	33.2	35.6	37.9
31.25°	19.8	21.2	22.5	23.9	25.2	26.6	28.6	31.3	33.9	36.2	38.6
30°	20.0	21.4	22.8	24.1	25.5	26.9	29.2	31.9	34.5	36.9	39.3
28.75°	20.2	21.6	23.0	24.4	25.8	27.1	29.8	32.6	35.1	37.5	40.1
27.5°	20.4	21.8	23.2	24.6	26.0	27.6	30.4	33.2	35.7	38.1	40.9
26.25°	20.6	22.0	23.4	24.8	26.2	28.1	31.0	33.8	36.2	38.7	41.7
25°	20.7	22.2	23.6	25.0	26.5	28.6	31.5	34.3	36.8	39.3	42.5
23.75°	20.9	22.3	23.8	25.2	26.7	29.1	32.0	34.7	37.3	39.9	43.2
22.5°	21.0	22.5	24.0	25.4	26.9	29.6	32.5	35.2	37.7	40.6	43.9
21.25°	21.2	22.7	24.2	25.6	27.1	30.0	32.9	35.6	38.2	41.2	44.5
20°	21.3	22.8	24.3	25.8	27.4	30.4	33.4	36.0	38.6	41.8	45.1
18.75°	21.4	23.0	24.5	26.0	27.8	30.8	33.8	36.4	39.0	42.3	45.7
17.5°	21.6	23.1	24.6	26.1	28.1	31.1	34.1	36.7	39.5	42.9	46.3
16.25°	21.7	23.2	24.7	26.3	28.4	31.5	34.4	37.1	39.9	43.3	46.7
15°	21.8	23.3	24.9	26.4	28.7	31.8	34.7	37.4	40.3	43.8	47.1
13.75°	21.9	23.4	25.0	26.5	29.0	32.1	35.0	37.7	40.7	44.2	47.4
12.5°	22.0	23.5	25.1	26.7	29.2	32.3	35.2	37.9	41.1	44.6	47.7
11.25°	22.1	23.6	25.2	26.8	29.4	32.6	35.4	38.2	41.4	44.9	48.0
10°	22.1	23.7	25.3	26.8	29.6	32.8	35.6	38.4	41.7	45.2	48.2
8.75°	22.2	23.8	25.4	26.9	29.8	33.0	35.8	38.6	42.0	45.5	48.5
7.5°	22.2	23.8	25.4	27.0	30.0	33.1	36.0	38.7	42.2	45.7	48.7
6.25°	22.3	23.9	25.5	27.1	30.1	33.3	36.1	38.9	42.4	45.9	48.8
5°	22.3	23.9	25.5	27.1	30.2	33.4	36.2	39.0	42.5	46.1	49.0
3.75°	22.4	24.0	25.6	27.2	30.3	33.5	36.3	39.1	42.6	46.2	49.1
2.5°	22.4	24.0	25.6	27.2	30.4	33.5	36.4	39.1	42.7	46.3	49.1
1.25°	22.4	24.0	25.6	27.2	30.4	33.6	36.4	39.2	42.8	46.4	49.2
0°	22.4	24.0	25.6	27.2	30.4	33.6	36.4	39.2	42.8	46.4	49.2
-1.25°	22.4	24.0	25.6	27.2	30.4	33.6	36.4	39.2	42.8	46.4	49.2
-2.5°	22.4	24.0	25.6	27.2	30.4	33.5	36.4	39.1	42.7	46.3	49.1
-3.75°	22.4	24.0	25.6	27.2	30.3	33.5	36.3	39.1	42.6	46.2	49.1
-5°	22.3	23.9	25.5	27.1	30.2	33.4	36.2	39.0	42.5	46.1	49.0
-6.25°	22.3	23.9	25.5	27.1	30.1	33.3	36.1	38.9	42.4	45.9	48.8
-7.5°	22.2	23.8	25.4	27.0	30.0	33.1	36.0	38.7	42.2	45.7	48.7
-8.75°	22.2	23.8	25.4	26.9	29.8	33.0	35.8	38.6	42.0	45.5	48.5
-10°	22.1	23.7	25.3	26.8	29.6	32.8	35.6	38.4	41.7	45.2	48.2
-11.25°	22.1	23.6	25.2	26.8	29.4	32.6	35.4	38.2	41.4	44.9	48.0
-12.5°	22.0	23.5	25.1	26.7	29.2	32.3	35.2	37.9	41.1	44.6	47.7
-13.75°	21.9	23.4	25.0	26.5	29.0	32.1	35.0	37.7	40.7	44.2	47.4
-15°	21.8	23.3	24.9	26.4	28.7	31.8	34.7	37.4	40.3	43.8	47.1
-16.25°	21.7	23.2	24.7	26.3	28.4	31.5	34.4	37.1	39.9	43.3	46.7
-17.5°	21.6	23.1	24.6	26.1	28.1	31.1	34.1	36.7	39.5	42.9	46.3
-18.75°	21.4	23.0	24.5	26.0	27.8	30.8	33.8	36.4	39.0	42.3	45.7
-20°	21.3	22.8	24.3	25.8	27.4	30.4	33.4	36.0	38.6	41.8	45.1
-21.25°	21.2	22.7	24.2	25.6	27.1	30.0	32.9	35.6	38.2	41.2	44.5



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	21.0	22.5	24.0	25.4	26.9	29.6	32.5	35.2	37.7	40.6	43.9
-23.75°	20.9	22.3	23.8	25.2	26.7	29.1	32.0	34.7	37.3	39.9	43.2
-25°	20.7	22.2	23.6	25.0	26.5	28.6	31.5	34.3	36.8	39.3	42.5
-26.25°	20.6	22.0	23.4	24.8	26.2	28.1	31.0	33.8	36.2	38.7	41.7
-27.5°	20.4	21.8	23.2	24.6	26.0	27.6	30.4	33.2	35.7	38.1	40.9
-28.75°	20.2	21.6	23.0	24.4	25.8	27.1	29.8	32.6	35.1	37.5	40.1
-30°	20.0	21.4	22.8	24.1	25.5	26.9	29.2	31.9	34.5	36.9	39.3
-31.25°	19.8	21.2	22.5	23.9	25.2	26.6	28.6	31.3	33.9	36.2	38.6
-32.5°	19.6	20.9	22.3	23.6	24.9	26.3	28.0	30.6	33.2	35.6	37.9
-33.75°	19.4	20.7	22.0	23.3	24.6	25.9	27.3	29.9	32.5	34.9	37.1
-35°	19.2	20.5	21.8	23.1	24.3	25.6	26.9	29.2	31.7	34.2	36.4
-36.25°	18.9	20.2	21.5	22.8	24.0	25.3	26.6	28.4	30.9	33.4	35.6
-37.5°	18.7	20.0	21.2	22.5	23.7	25.0	26.2	27.6	30.1	32.6	34.8
-38.75°	18.5	19.7	20.9	22.2	23.4	24.6	25.8	27.0	29.3	31.7	34.0
-40°	18.2	19.4	20.6	21.8	23.0	24.2	25.4	26.6	28.4	30.8	33.1
-41.25°	18.0	19.2	20.3	21.5	22.7	23.9	25.0	26.2	27.5	29.8	32.1
-42.5°	17.7	18.9	20.0	21.2	22.3	23.5	24.6	25.8	26.9	28.9	31.1
-43.75°	17.4	18.6	19.7	20.9	22.0	23.1	24.2	25.3	26.4	27.9	30.1
-45°	17.1	18.3	19.4	20.5	21.6	22.7	23.8	24.9	26.0	27.1	29.1
-46.25°	16.7	18.0	19.1	20.2	21.2	22.3	23.4	24.4	25.5	26.6	28.0
-47.5°	16.4	17.7	18.7	19.8	20.9	21.9	22.9	24.0	25.0	26.0	27.1
-48.75°	16.0	17.3	18.4	19.4	20.5	21.5	22.5	23.5	24.5	25.5	26.5
-50°	15.7	16.9	18.1	19.1	20.1	21.1	22.0	23.0	24.0	25.0	25.9
-51.25°	15.3	16.5	17.7	18.7	19.7	20.6	21.6	22.5	23.5	24.4	25.4
-52.5°	14.9	16.1	17.3	18.3	19.2	20.2	21.1	22.0	23.0	23.9	24.8
-53.75°	14.5	15.7	16.8	17.9	18.8	19.7	20.6	21.5	22.4	23.3	24.2
-55°	14.1	15.3	16.4	17.5	18.4	19.3	20.2	21.0	21.9	22.8	23.6
-56.25°	13.7	14.8	15.9	17.0	18.0	18.8	19.7	20.5	21.3	22.2	23.0
-57.5°	13.3	14.4	15.4	16.5	17.5	18.4	19.2	20.0	20.8	21.6	22.4
-58.75°	12.8	13.9	15.0	16.0	17.0	17.9	18.7	19.5	20.2	21.0	21.8
-60°	12.3	13.5	14.5	15.4	16.4	17.4	18.2	18.9	19.7	20.4	21.2
-61.25°	11.8	12.9	14.0	14.9	15.8	16.7	17.7	18.4	19.1	19.8	20.5
-62.5°	11.3	12.4	13.5	14.4	15.3	16.1	17.0	17.8	18.5	19.2	19.9
-63.75°	10.8	11.8	12.9	13.8	14.7	15.5	16.4	17.2	17.9	18.6	19.2
-65°	10.3	11.3	12.2	13.2	14.1	14.9	15.7	16.5	17.3	18.0	18.6
-66.25°	9.7	10.7	11.6	12.6	13.5	14.3	15.0	15.8	16.5	17.3	17.9
-67.5°	9.2	10.1	11.0	11.9	12.8	13.6	14.4	15.1	15.8	16.5	17.2
-68.75°	8.7	9.5	10.4	11.2	12.0	12.9	13.7	14.4	15.0	15.7	16.4
-70°	8.2	9.0	9.7	10.5	11.3	12.1	12.9	13.6	14.3	14.9	15.5
-71.25°	7.6	8.4	9.1	9.8	10.6	11.3	12.0	12.8	13.5	14.1	14.7
-72.5°	7.1	7.8	8.5	9.2	9.8	10.5	11.2	11.9	12.6	13.2	13.8
-73.75°	6.5	7.2	7.8	8.5	9.1	9.7	10.4	11.0	11.6	12.2	12.9
-75°	6.0	6.6	7.2	7.8	8.4	9.0	9.5	10.1	10.7	11.3	11.8
-76.25°	5.4	6.0	6.5	7.1	7.6	8.2	8.7	9.2	9.7	10.3	10.8
-77.5°	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.8	9.3	9.7



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	4.3	4.8	5.2	5.7	6.1	6.5	7.0	7.4	7.9	8.3	8.7
-80°	3.8	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7
-81.25°	3.3	3.6	3.9	4.2	4.6	4.9	5.3	5.6	5.9	6.3	6.6
-82.5°	2.8	3.1	3.3	3.6	3.8	4.1	4.4	4.7	5.0	5.3	5.6
-83.75°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.3	4.5
-85°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
-86.25°	1.4	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7
-87.5°	1.0	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
-88.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
87.5°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
86.25°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	3.9
85°	3.7	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.0	5.2	5.4
83.75°	4.7	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9
82.5°	5.8	6.1	6.4	6.7	6.9	7.2	7.4	7.7	8.0	8.2	8.4
81.25°	6.9	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10.0
80°	8.0	8.4	8.8	9.1	9.5	9.8	10.2	10.5	10.9	11.2	11.5
78.75°	9.1	9.5	9.9	10.4	10.8	11.1	11.5	11.9	12.3	12.7	13.0
77.5°	10.2	10.7	11.1	11.6	12.0	12.5	12.9	13.3	13.7	14.1	14.4
76.25°	11.3	11.8	12.3	12.8	13.3	13.7	14.1	14.5	14.9	15.3	15.7
75°	12.4	12.9	13.5	13.9	14.4	14.8	15.3	15.7	16.1	16.5	16.9
73.75°	13.5	14.0	14.5	15.0	15.4	15.9	16.4	16.8	17.3	17.7	18.1
72.5°	14.4	14.9	15.4	16.0	16.5	17.0	17.5	17.9	18.3	18.7	19.1
71.25°	15.3	15.8	16.4	17.0	17.5	18.0	18.4	18.8	19.2	19.7	20.1
70°	16.1	16.7	17.4	17.9	18.4	18.8	19.3	19.7	20.2	20.6	21.1
68.75°	17.0	17.7	18.2	18.7	19.2	19.7	20.2	20.6	21.1	21.6	22.0
67.5°	17.8	18.4	18.9	19.5	20.0	20.5	21.0	21.5	22.0	22.5	23.0
66.25°	18.5	19.1	19.7	20.2	20.8	21.3	21.9	22.4	23.0	23.5	24.0
65°	19.2	19.8	20.4	21.0	21.6	22.2	22.8	23.3	23.9	24.4	25.0
63.75°	19.9	20.5	21.2	21.8	22.4	23.0	23.6	24.2	24.8	25.4	25.9
62.5°	20.6	21.2	21.9	22.5	23.2	23.8	24.5	25.1	25.7	26.3	26.9
61.25°	21.2	21.9	22.6	23.3	24.0	24.6	25.3	26.0	26.6	27.3	28.5
60°	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.8	29.1	30.4
58.75°	22.5	23.3	24.0	24.8	25.5	26.2	27.0	28.1	29.5	30.9	32.3
57.5°	23.2	24.0	24.7	25.5	26.3	27.0	28.4	29.8	31.3	32.7	34.1
56.25°	23.8	24.6	25.4	26.2	27.0	28.4	30.0	31.5	33.0	34.4	35.7
55°	24.5	25.3	26.1	27.0	28.4	30.0	31.6	33.2	34.6	35.9	37.3
53.75°	25.1	26.0	26.8	28.1	29.8	31.5	33.2	34.6	36.1	37.5	38.8
52.5°	25.7	26.6	27.8	29.5	31.3	33.0	34.6	36.1	37.5	39.0	40.7
51.25°	26.3	27.3	29.1	30.9	32.7	34.4	35.9	37.5	39.0	40.8	42.7
50°	26.9	28.5	30.4	32.3	34.1	35.7	37.3	38.8	40.7	42.7	44.7
48.75°	27.8	29.7	31.7	33.6	35.3	36.9	38.6	40.5	42.6	44.6	46.6
47.5°	28.9	30.9	32.9	34.8	36.5	38.2	40.1	42.2	44.3	46.4	48.1
46.25°	30.1	32.1	34.1	35.9	37.7	39.5	41.7	43.9	46.1	47.9	49.5
45°	31.2	33.3	35.2	37.0	38.8	41.0	43.3	45.6	47.5	49.2	51.0
43.75°	32.3	34.3	36.2	38.1	40.2	42.5	44.9	47.0	48.8	50.6	52.3
42.5°	33.4	35.3	37.3	39.2	41.6	44.0	46.4	48.3	50.1	52.0	53.5
41.25°	34.3	36.3	38.3	40.5	43.0	45.5	47.6	49.5	51.4	53.1	54.7
40°	35.2	37.2	39.3	41.8	44.4	46.8	48.8	50.7	52.6	54.2	55.8
38.75°	36.1	38.2	40.5	43.1	45.7	47.9	49.9	51.9	53.6	55.3	56.9
37.5°	36.9	39.0	41.7	44.4	46.9	49.0	51.0	52.9	54.6	56.4	57.6
36.25°	37.8	40.1	42.9	45.6	47.9	50.0	52.1	53.9	55.7	57.2	58.4
35°	38.6	41.2	44.0	46.7	48.9	51.0	53.0	54.8	56.6	57.9	59.1



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	39.4	42.3	45.1	47.6	49.8	52.0	53.9	55.7	57.3	58.5	59.8
32.5°	40.4	43.3	46.2	48.5	50.8	52.8	54.7	56.6	57.9	59.2	60.5
31.25°	41.4	44.3	47.1	49.4	51.7	53.6	55.6	57.3	58.5	59.8	61.3
30°	42.3	45.3	47.9	50.2	52.4	54.4	56.4	57.8	59.1	60.5	62.1
28.75°	43.2	46.2	48.6	51.0	53.2	55.2	57.0	58.4	59.7	61.3	62.9
27.5°	44.0	47.0	49.4	51.8	53.8	55.9	57.5	58.9	60.3	62.0	63.6
26.25°	44.9	47.6	50.1	52.4	54.5	56.6	58.0	59.4	60.9	62.6	64.3
25°	45.6	48.3	50.8	53.0	55.2	57.1	58.5	59.9	61.6	63.3	64.8
23.75°	46.4	48.9	51.4	53.6	55.8	57.5	58.9	60.4	62.2	63.9	65.4
22.5°	47.0	49.5	52.0	54.2	56.3	57.9	59.4	61.0	62.8	64.4	65.9
21.25°	47.5	50.1	52.5	54.7	56.9	58.3	59.8	61.5	63.3	64.9	66.4
20°	48.0	50.6	53.0	55.2	57.2	58.7	60.2	62.0	63.8	65.4	66.8
18.75°	48.5	51.1	53.5	55.7	57.5	59.0	60.6	62.5	64.3	65.8	67.3
17.5°	48.9	51.6	53.9	56.1	57.9	59.4	61.1	62.9	64.6	66.2	67.7
16.25°	49.3	52.0	54.3	56.6	58.1	59.7	61.5	63.3	65.0	66.6	68.1
15°	49.7	52.4	54.6	56.9	58.4	59.9	61.8	63.7	65.3	66.9	68.4
13.75°	50.1	52.7	55.0	57.1	58.7	60.3	62.2	64.1	65.7	67.2	68.8
12.5°	50.4	53.0	55.3	57.3	58.9	60.6	62.5	64.3	65.9	67.5	69.1
11.25°	50.7	53.2	55.6	57.5	59.1	60.8	62.8	64.6	66.2	67.8	69.3
10°	51.0	53.5	55.8	57.7	59.3	61.1	63.0	64.8	66.4	68.0	69.6
8.75°	51.2	53.7	56.1	57.9	59.5	61.3	63.3	65.0	66.6	68.2	69.8
7.5°	51.4	53.9	56.3	58.0	59.6	61.5	63.5	65.2	66.8	68.4	70.0
6.25°	51.6	54.0	56.4	58.1	59.7	61.6	63.6	65.3	67.0	68.6	70.1
5°	51.7	54.2	56.6	58.2	59.8	61.8	63.8	65.4	67.1	68.7	70.3
3.75°	51.9	54.3	56.7	58.3	59.9	61.9	63.9	65.5	67.2	68.8	70.4
2.5°	51.9	54.3	56.7	58.4	60.0	61.9	63.9	65.6	67.2	68.8	70.4
1.25°	52.0	54.4	56.8	58.4	60.0	62.0	64.0	65.6	67.3	68.9	70.5
0°	52.0	54.4	56.8	58.4	60.0	62.0	64.0	65.7	67.3	68.9	70.5
-1.25°	52.0	54.4	56.8	58.4	60.0	62.0	64.0	65.6	67.3	68.9	70.5
-2.5°	51.9	54.3	56.7	58.4	60.0	61.9	63.9	65.6	67.2	68.8	70.4
-3.75°	51.9	54.3	56.7	58.3	59.9	61.9	63.9	65.5	67.2	68.8	70.4
-5°	51.7	54.2	56.6	58.2	59.8	61.8	63.8	65.4	67.1	68.7	70.3
-6.25°	51.6	54.0	56.4	58.1	59.7	61.6	63.6	65.3	67.0	68.6	70.1
-7.5°	51.4	53.9	56.3	58.0	59.6	61.5	63.5	65.2	66.8	68.4	70.0
-8.75°	51.2	53.7	56.1	57.9	59.5	61.3	63.3	65.0	66.6	68.2	69.8
-10°	51.0	53.5	55.8	57.7	59.3	61.1	63.0	64.8	66.4	68.0	69.6
-11.25°	50.7	53.2	55.6	57.5	59.1	60.8	62.8	64.6	66.2	67.8	69.3
-12.5°	50.4	53.0	55.3	57.3	58.9	60.6	62.5	64.3	65.9	67.5	69.1
-13.75°	50.1	52.7	55.0	57.1	58.7	60.3	62.2	64.1	65.7	67.2	68.8
-15°	49.7	52.4	54.6	56.9	58.4	59.9	61.8	63.7	65.3	66.9	68.4
-16.25°	49.3	52.0	54.3	56.6	58.1	59.7	61.5	63.3	65.0	66.6	68.1
-17.5°	48.9	51.6	53.9	56.1	57.9	59.4	61.1	62.9	64.6	66.2	67.7
-18.75°	48.5	51.1	53.5	55.7	57.5	59.0	60.6	62.5	64.3	65.8	67.3
-20°	48.0	50.6	53.0	55.2	57.2	58.7	60.2	62.0	63.8	65.4	66.8
-21.25°	47.5	50.1	52.5	54.7	56.9	58.3	59.8	61.5	63.3	64.9	66.4



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	47.0	49.5	52.0	54.2	56.3	57.9	59.4	61.0	62.8	64.4	65.9
-23.75°	46.4	48.9	51.4	53.6	55.8	57.5	58.9	60.4	62.2	63.9	65.4
-25°	45.6	48.3	50.8	53.0	55.2	57.1	58.5	59.9	61.6	63.3	64.8
-26.25°	44.9	47.6	50.1	52.4	54.5	56.6	58.0	59.4	60.9	62.6	64.3
-27.5°	44.0	47.0	49.4	51.8	53.8	55.9	57.5	58.9	60.3	62.0	63.6
-28.75°	43.2	46.2	48.6	51.0	53.2	55.2	57.0	58.4	59.7	61.3	62.9
-30°	42.3	45.3	47.9	50.2	52.4	54.4	56.4	57.8	59.1	60.5	62.1
-31.25°	41.4	44.3	47.1	49.4	51.7	53.6	55.6	57.3	58.5	59.8	61.3
-32.5°	40.4	43.3	46.2	48.5	50.8	52.8	54.7	56.6	57.9	59.2	60.5
-33.75°	39.4	42.3	45.1	47.6	49.8	52.0	53.9	55.7	57.3	58.5	59.8
-35°	38.6	41.2	44.0	46.7	48.9	51.0	53.0	54.8	56.6	57.9	59.1
-36.25°	37.8	40.1	42.9	45.6	47.9	50.0	52.1	53.9	55.7	57.2	58.4
-37.5°	36.9	39.0	41.7	44.4	46.9	49.0	51.0	52.9	54.6	56.4	57.6
-38.75°	36.1	38.2	40.5	43.1	45.7	47.9	49.9	51.9	53.6	55.3	56.9
-40°	35.2	37.2	39.3	41.8	44.4	46.8	48.8	50.7	52.6	54.2	55.8
-41.25°	34.3	36.3	38.3	40.5	43.0	45.5	47.6	49.5	51.4	53.1	54.7
-42.5°	33.4	35.3	37.3	39.2	41.6	44.0	46.4	48.3	50.1	52.0	53.5
-43.75°	32.3	34.3	36.2	38.1	40.2	42.5	44.9	47.0	48.8	50.6	52.3
-45°	31.2	33.3	35.2	37.0	38.8	41.0	43.3	45.6	47.5	49.2	51.0
-46.25°	30.1	32.1	34.1	35.9	37.7	39.5	41.7	43.9	46.1	47.9	49.5
-47.5°	28.9	30.9	32.9	34.8	36.5	38.2	40.1	42.2	44.3	46.4	48.1
-48.75°	27.8	29.7	31.7	33.6	35.3	36.9	38.6	40.5	42.6	44.6	46.6
-50°	26.9	28.5	30.4	32.3	34.1	35.7	37.3	38.8	40.7	42.7	44.7
-51.25°	26.3	27.3	29.1	30.9	32.7	34.4	35.9	37.5	39.0	40.8	42.7
-52.5°	25.7	26.6	27.8	29.5	31.3	33.0	34.6	36.1	37.5	39.0	40.7
-53.75°	25.1	26.0	26.8	28.1	29.8	31.5	33.2	34.6	36.1	37.5	38.8
-55°	24.5	25.3	26.1	27.0	28.4	30.0	31.6	33.2	34.6	35.9	37.3
-56.25°	23.8	24.6	25.4	26.2	27.0	28.4	30.0	31.5	33.0	34.4	35.7
-57.5°	23.2	24.0	24.7	25.5	26.3	27.0	28.4	29.8	31.3	32.7	34.1
-58.75°	22.5	23.3	24.0	24.8	25.5	26.2	27.0	28.1	29.5	30.9	32.3
-60°	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.8	29.1	30.4
-61.25°	21.2	21.9	22.6	23.3	24.0	24.6	25.3	26.0	26.6	27.3	28.5
-62.5°	20.6	21.2	21.9	22.5	23.2	23.8	24.5	25.1	25.7	26.3	26.9
-63.75°	19.9	20.5	21.2	21.8	22.4	23.0	23.6	24.2	24.8	25.4	25.9
-65°	19.2	19.8	20.4	21.0	21.6	22.2	22.8	23.3	23.9	24.4	25.0
-66.25°	18.5	19.1	19.7	20.2	20.8	21.3	21.9	22.4	23.0	23.5	24.0
-67.5°	17.8	18.4	18.9	19.5	20.0	20.5	21.0	21.5	22.0	22.5	23.0
-68.75°	17.0	17.7	18.2	18.7	19.2	19.7	20.2	20.6	21.1	21.6	22.0
-70°	16.1	16.7	17.4	17.9	18.4	18.8	19.3	19.7	20.2	20.6	21.1
-71.25°	15.3	15.8	16.4	17.0	17.5	18.0	18.4	18.8	19.2	19.7	20.1
-72.5°	14.4	14.9	15.4	16.0	16.5	17.0	17.5	17.9	18.3	18.7	19.1
-73.75°	13.5	14.0	14.5	15.0	15.4	15.9	16.4	16.8	17.3	17.7	18.1
-75°	12.4	12.9	13.5	13.9	14.4	14.8	15.3	15.7	16.1	16.5	16.9
-76.25°	11.3	11.8	12.3	12.8	13.3	13.7	14.1	14.5	14.9	15.3	15.7
-77.5°	10.2	10.7	11.1	11.6	12.0	12.5	12.9	13.3	13.7	14.1	14.4



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	9.1	9.5	9.9	10.4	10.8	11.1	11.5	11.9	12.3	12.7	13.0
-80°	8.0	8.4	8.8	9.1	9.5	9.8	10.2	10.5	10.9	11.2	11.5
-81.25°	6.9	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10.0
-82.5°	5.8	6.1	6.4	6.7	6.9	7.2	7.4	7.7	8.0	8.2	8.4
-83.75°	4.7	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.7	6.9
-85°	3.7	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.0	5.2	5.4
-86.25°	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.7	3.8	3.9
-87.5°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
-88.75°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
87.5°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
86.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
85°	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9
83.75°	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.6	8.7	8.9
82.5°	8.7	8.9	9.1	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8
81.25°	10.3	10.5	10.8	11.1	11.3	11.6	11.8	12.0	12.3	12.5	12.7
80°	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.1	14.3	14.5
78.75°	13.4	13.7	14.0	14.3	14.6	14.8	15.1	15.4	15.6	15.8	16.1
77.5°	14.7	15.1	15.4	15.7	16.0	16.3	16.6	16.9	17.1	17.4	17.7
76.25°	16.0	16.4	16.7	17.1	17.4	17.7	18.0	18.2	18.5	18.7	18.9
75°	17.3	17.7	18.0	18.3	18.6	18.9	19.2	19.4	19.7	20.0	20.2
73.75°	18.4	18.7	19.1	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5
72.5°	19.4	19.8	20.2	20.5	20.9	21.2	21.5	21.8	22.2	22.5	22.8
71.25°	20.5	20.9	21.2	21.6	22.0	22.3	22.7	23.0	23.4	23.7	24.0
70°	21.5	21.9	22.3	22.7	23.1	23.5	23.9	24.2	24.6	25.0	25.3
68.75°	22.5	22.9	23.4	23.8	24.2	24.6	25.0	25.4	25.8	26.2	26.6
67.5°	23.5	24.0	24.4	24.9	25.3	25.8	26.2	26.6	27.0	27.6	28.4
66.25°	24.5	25.0	25.5	26.0	26.4	26.9	27.5	28.4	29.3	30.1	30.9
65°	25.5	26.0	26.6	27.1	27.9	28.9	29.8	30.8	31.7	32.6	33.4
63.75°	26.5	27.1	28.0	29.1	30.1	31.1	32.1	33.1	34.0	34.8	35.6
62.5°	27.8	28.9	30.1	31.2	32.3	33.4	34.3	35.2	36.1	36.9	37.8
61.25°	29.7	30.9	32.1	33.3	34.3	35.3	36.3	37.2	38.2	39.0	40.1
60°	31.7	32.9	34.1	35.2	36.2	37.3	38.3	39.3	40.5	41.7	42.9
58.75°	33.6	34.8	35.9	37.0	38.1	39.2	40.5	41.8	43.1	44.4	45.6
57.5°	35.3	36.5	37.7	38.8	40.2	41.6	43.0	44.4	45.7	46.9	47.9
56.25°	36.9	38.2	39.5	41.0	42.5	44.0	45.5	46.8	47.9	49.0	50.0
55°	38.6	40.1	41.7	43.3	44.9	46.4	47.6	48.8	49.9	51.0	52.1
53.75°	40.5	42.2	43.9	45.6	47.0	48.3	49.5	50.7	51.9	52.9	53.9
52.5°	42.6	44.3	46.1	47.5	48.8	50.1	51.4	52.6	53.6	54.6	55.7
51.25°	44.6	46.4	47.9	49.2	50.6	52.0	53.1	54.2	55.3	56.4	57.2
50°	46.6	48.1	49.5	51.0	52.3	53.5	54.7	55.8	56.9	57.6	58.4
48.75°	48.1	49.7	51.2	52.6	53.8	55.0	56.3	57.2	58.0	58.8	59.5
47.5°	49.7	51.2	52.7	54.0	55.3	56.6	57.5	58.3	59.1	59.9	60.8
46.25°	51.2	52.7	54.0	55.4	56.7	57.6	58.5	59.3	60.2	61.2	62.2
45°	52.6	54.0	55.4	56.8	57.7	58.6	59.5	60.5	61.5	62.6	63.6
43.75°	53.8	55.3	56.7	57.7	58.7	59.6	60.6	61.8	62.9	63.9	64.8
42.5°	55.0	56.6	57.6	58.6	59.6	60.7	61.9	63.0	64.1	65.1	66.0
41.25°	56.3	57.5	58.5	59.5	60.6	61.9	63.1	64.2	65.2	66.1	67.1
40°	57.2	58.3	59.3	60.5	61.8	63.0	64.2	65.2	66.2	67.2	68.1
38.75°	58.0	59.1	60.2	61.5	62.9	64.1	65.2	66.2	67.2	68.2	69.2
37.5°	58.8	59.9	61.2	62.6	63.9	65.1	66.1	67.2	68.2	69.2	70.2
36.25°	59.5	60.8	62.2	63.6	64.8	66.0	67.1	68.1	69.2	70.2	72.0
35°	60.3	61.8	63.2	64.5	65.7	66.8	68.0	69.0	70.1	71.9	73.9



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	61.2	62.7	64.1	65.3	66.5	67.7	68.8	69.9	71.6	73.8	75.9
32.5°	62.1	63.6	64.9	66.1	67.3	68.5	69.7	71.1	73.4	75.6	79.5
31.25°	62.9	64.4	65.6	66.9	68.1	69.3	70.5	72.8	75.1	78.4	84.9
30°	63.7	65.1	66.4	67.6	68.9	70.1	72.1	74.5	76.9	83.5	90.1
28.75°	64.4	65.7	67.1	68.3	69.6	71.2	73.7	76.1	81.6	88.5	95.3
27.5°	65.0	66.4	67.7	69.0	70.3	72.7	75.2	79.1	86.2	93.3	103.9
26.25°	65.7	67.0	68.4	69.7	71.5	74.1	76.6	83.5	90.8	99.9	112.3
25°	66.2	67.6	69.0	70.3	72.8	75.4	80.2	87.7	95.1	107.8	120.4
23.75°	66.8	68.2	69.6	71.4	74.1	76.8	84.2	91.8	102.3	115.3	128.3
22.5°	67.3	68.7	70.1	72.5	75.3	80.1	87.9	95.9	109.3	122.6	136.2
21.25°	67.8	69.3	70.8	73.6	76.4	83.6	91.5	102.4	116.1	129.7	143.8
20°	68.3	69.7	71.8	74.7	78.7	86.9	94.9	108.6	122.5	136.7	151.1
18.75°	68.8	70.2	72.8	75.7	81.8	90.0	100.3	114.5	128.7	143.4	158.0
17.5°	69.2	70.8	73.7	76.7	84.6	92.9	105.7	120.1	134.8	149.7	165.7
16.25°	69.6	71.6	74.6	78.8	87.3	96.0	110.7	125.3	140.5	155.7	173.6
15°	69.9	72.4	75.4	81.2	89.8	100.6	115.4	130.3	145.8	161.3	181.1
13.75°	70.3	73.1	76.1	83.4	92.1	104.7	119.8	135.1	150.8	168.0	188.0
12.5°	70.7	73.7	76.8	85.4	94.2	108.6	123.8	139.5	155.4	174.1	194.4
11.25°	71.2	74.3	78.4	87.3	96.7	112.1	127.4	143.5	159.5	179.7	200.3
10°	71.8	74.9	80.0	88.9	99.8	115.2	130.9	147.1	164.0	184.8	205.6
8.75°	72.2	75.3	81.4	90.4	102.4	118.0	134.0	150.3	168.3	189.3	210.3
7.5°	72.6	75.8	82.7	91.7	104.8	120.5	136.6	153.1	172.0	193.2	214.3
6.25°	72.9	76.1	83.7	92.8	106.8	122.6	138.9	155.5	175.2	196.6	217.8
5°	73.2	76.4	84.6	93.7	108.4	124.3	140.8	157.4	177.9	199.3	220.7
3.75°	73.4	76.6	85.2	94.4	109.7	125.6	142.2	158.9	179.9	201.4	222.9
2.5°	73.6	76.8	85.7	94.9	110.6	126.5	143.3	160.0	181.4	203.0	224.5
1.25°	73.7	76.9	86.0	95.2	111.1	127.1	143.9	160.7	182.3	203.9	225.5
0°	73.7	76.9	86.1	95.3	111.3	127.3	144.1	160.9	182.6	204.2	225.8
-1.25°	73.7	76.9	86.0	95.2	111.1	127.1	143.9	160.7	182.3	203.9	225.5
-2.5°	73.6	76.8	85.7	94.9	110.6	126.5	143.3	160.0	181.4	203.0	224.5
-3.75°	73.4	76.6	85.2	94.4	109.7	125.6	142.2	158.9	179.9	201.4	222.9
-5°	73.2	76.4	84.6	93.7	108.4	124.3	140.8	157.4	177.9	199.3	220.7
-6.25°	72.9	76.1	83.7	92.8	106.8	122.6	138.9	155.5	175.2	196.6	217.8
-7.5°	72.6	75.8	82.7	91.7	104.8	120.5	136.6	153.1	172.0	193.2	214.3
-8.75°	72.2	75.3	81.4	90.4	102.4	118.0	134.0	150.3	168.3	189.3	210.3
-10°	71.8	74.9	80.0	88.9	99.8	115.2	130.9	147.1	164.0	184.8	205.6
-11.25°	71.2	74.3	78.4	87.3	96.7	112.1	127.4	143.5	159.5	179.7	200.3
-12.5°	70.7	73.7	76.8	85.4	94.2	108.6	123.8	139.5	155.4	174.1	194.4
-13.75°	70.3	73.1	76.1	83.4	92.1	104.7	119.8	135.1	150.8	168.0	188.0
-15°	69.9	72.4	75.4	81.2	89.8	100.6	115.4	130.3	145.8	161.3	181.1
-16.25°	69.6	71.6	74.6	78.8	87.3	96.0	110.7	125.3	140.5	155.7	173.6
-17.5°	69.2	70.8	73.7	76.7	84.6	92.9	105.7	120.1	134.8	149.7	165.7
-18.75°	68.8	70.2	72.8	75.7	81.8	90.0	100.3	114.5	128.7	143.4	158.0
-20°	68.3	69.7	71.8	74.7	78.7	86.9	94.9	108.6	122.5	136.7	151.1
-21.25°	67.8	69.3	70.8	73.6	76.4	83.6	91.5	102.4	116.1	129.7	143.8



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	67.3	68.7	70.1	72.5	75.3	80.1	87.9	95.9	109.3	122.6	136.2
-23.75°	66.8	68.2	69.6	71.4	74.1	76.8	84.2	91.8	102.3	115.3	128.3
-25°	66.2	67.6	69.0	70.3	72.8	75.4	80.2	87.7	95.1	107.8	120.4
-26.25°	65.7	67.0	68.4	69.7	71.5	74.1	76.6	83.5	90.8	99.9	112.3
-27.5°	65.0	66.4	67.7	69.0	70.3	72.7	75.2	79.1	86.2	93.3	103.9
-28.75°	64.4	65.7	67.1	68.3	69.6	71.2	73.7	76.1	81.6	88.5	95.3
-30°	63.7	65.1	66.4	67.6	68.9	70.1	72.1	74.5	76.9	83.5	90.1
-31.25°	62.9	64.4	65.6	66.9	68.1	69.3	70.5	72.8	75.1	78.4	84.9
-32.5°	62.1	63.6	64.9	66.1	67.3	68.5	69.7	71.1	73.4	75.6	79.5
-33.75°	61.2	62.7	64.1	65.3	66.5	67.7	68.8	69.9	71.6	73.8	75.9
-35°	60.3	61.8	63.2	64.5	65.7	66.8	68.0	69.0	70.1	71.9	73.9
-36.25°	59.5	60.8	62.2	63.6	64.8	66.0	67.1	68.1	69.2	70.2	72.0
-37.5°	58.8	59.9	61.2	62.6	63.9	65.1	66.1	67.2	68.2	69.2	70.2
-38.75°	58.0	59.1	60.2	61.5	62.9	64.1	65.2	66.2	67.2	68.2	69.2
-40°	57.2	58.3	59.3	60.5	61.8	63.0	64.2	65.2	66.2	67.2	68.1
-41.25°	56.3	57.5	58.5	59.5	60.6	61.9	63.1	64.2	65.2	66.1	67.1
-42.5°	55.0	56.6	57.6	58.6	59.6	60.7	61.9	63.0	64.1	65.1	66.0
-43.75°	53.8	55.3	56.7	57.7	58.7	59.6	60.6	61.8	62.9	63.9	64.8
-45°	52.6	54.0	55.4	56.8	57.7	58.6	59.5	60.5	61.5	62.6	63.6
-46.25°	51.2	52.7	54.0	55.4	56.7	57.6	58.5	59.3	60.2	61.2	62.2
-47.5°	49.7	51.2	52.7	54.0	55.3	56.6	57.5	58.3	59.1	59.9	60.8
-48.75°	48.1	49.7	51.2	52.6	53.8	55.0	56.3	57.2	58.0	58.8	59.5
-50°	46.6	48.1	49.5	51.0	52.3	53.5	54.7	55.8	56.9	57.6	58.4
-51.25°	44.6	46.4	47.9	49.2	50.6	52.0	53.1	54.2	55.3	56.4	57.2
-52.5°	42.6	44.3	46.1	47.5	48.8	50.1	51.4	52.6	53.6	54.6	55.7
-53.75°	40.5	42.2	43.9	45.6	47.0	48.3	49.5	50.7	51.9	52.9	53.9
-55°	38.6	40.1	41.7	43.3	44.9	46.4	47.6	48.8	49.9	51.0	52.1
-56.25°	36.9	38.2	39.5	41.0	42.5	44.0	45.5	46.8	47.9	49.0	50.0
-57.5°	35.3	36.5	37.7	38.8	40.2	41.6	43.0	44.4	45.7	46.9	47.9
-58.75°	33.6	34.8	35.9	37.0	38.1	39.2	40.5	41.8	43.1	44.4	45.6
-60°	31.7	32.9	34.1	35.2	36.2	37.3	38.3	39.3	40.5	41.7	42.9
-61.25°	29.7	30.9	32.1	33.3	34.3	35.3	36.3	37.2	38.2	39.0	40.1
-62.5°	27.8	28.9	30.1	31.2	32.3	33.4	34.3	35.2	36.1	36.9	37.8
-63.75°	26.5	27.1	28.0	29.1	30.1	31.1	32.1	33.1	34.0	34.8	35.6
-65°	25.5	26.0	26.6	27.1	27.9	28.9	29.8	30.8	31.7	32.6	33.4
-66.25°	24.5	25.0	25.5	26.0	26.4	26.9	27.5	28.4	29.3	30.1	30.9
-67.5°	23.5	24.0	24.4	24.9	25.3	25.8	26.2	26.6	27.0	27.6	28.4
-68.75°	22.5	22.9	23.4	23.8	24.2	24.6	25.0	25.4	25.8	26.2	26.6
-70°	21.5	21.9	22.3	22.7	23.1	23.5	23.9	24.2	24.6	25.0	25.3
-71.25°	20.5	20.9	21.2	21.6	22.0	22.3	22.7	23.0	23.4	23.7	24.0
-72.5°	19.4	19.8	20.2	20.5	20.9	21.2	21.5	21.8	22.2	22.5	22.8
-73.75°	18.4	18.7	19.1	19.4	19.7	20.0	20.3	20.6	20.9	21.2	21.5
-75°	17.3	17.7	18.0	18.3	18.6	18.9	19.2	19.4	19.7	20.0	20.2
-76.25°	16.0	16.4	16.7	17.1	17.4	17.7	18.0	18.2	18.5	18.7	18.9
-77.5°	14.7	15.1	15.4	15.7	16.0	16.3	16.6	16.9	17.1	17.4	17.7



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	13.4	13.7	14.0	14.3	14.6	14.8	15.1	15.4	15.6	15.8	16.1
-80°	11.8	12.1	12.4	12.7	13.0	13.3	13.6	13.8	14.1	14.3	14.5
-81.25°	10.3	10.5	10.8	11.1	11.3	11.6	11.8	12.0	12.3	12.5	12.7
-82.5°	8.7	8.9	9.1	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8
-83.75°	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.6	8.7	8.9
-85°	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.8	6.9
-86.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
-87.5°	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
-88.75°	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
86.25°	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8	5.9
85°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1
83.75°	9.0	9.2	9.3	9.5	9.6	9.7	9.8	10.0	10.1	10.2	10.3
82.5°	11.0	11.2	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.5
81.25°	12.9	13.2	13.4	13.5	13.7	13.9	14.0	14.1	14.3	14.4	14.5
80°	14.7	14.9	15.1	15.3	15.4	15.6	15.8	15.9	16.1	16.2	16.4
78.75°	16.3	16.5	16.8	17.0	17.2	17.4	17.5	17.7	17.8	18.0	18.1
77.5°	17.9	18.1	18.3	18.4	18.6	18.8	19.0	19.1	19.3	19.4	19.6
76.25°	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.7	20.9	21.0
75°	20.5	20.7	20.9	21.2	21.4	21.6	21.8	22.0	22.2	22.3	22.5
73.75°	21.8	22.0	22.3	22.5	22.8	23.0	23.2	23.4	23.6	23.8	24.0
72.5°	23.1	23.3	23.6	23.9	24.1	24.4	24.6	24.8	25.0	25.2	25.4
71.25°	24.3	24.6	24.9	25.2	25.5	25.8	26.0	26.2	26.5	26.7	26.9
70°	25.6	25.9	26.3	26.6	26.9	27.1	27.6	28.1	28.6	29.1	29.6
68.75°	26.9	27.3	28.0	28.6	29.2	29.8	30.4	31.0	31.5	32.0	32.5
67.5°	29.2	29.9	30.6	31.3	31.9	32.6	33.2	33.8	34.3	34.7	35.2
66.25°	31.7	32.5	33.2	33.9	34.5	35.1	35.7	36.2	36.8	37.3	37.7
65°	34.2	34.9	35.6	36.2	36.9	37.5	38.1	38.7	39.3	39.9	40.6
63.75°	36.4	37.1	37.9	38.6	39.3	40.1	40.9	41.7	42.5	43.2	43.9
62.5°	38.6	39.4	40.4	41.4	42.3	43.2	44.0	44.9	45.6	46.4	47.0
61.25°	41.2	42.3	43.3	44.3	45.3	46.2	47.0	47.6	48.3	48.9	49.5
60°	44.0	45.1	46.2	47.1	47.9	48.6	49.4	50.1	50.8	51.4	52.0
58.75°	46.7	47.6	48.5	49.4	50.2	51.0	51.8	52.4	53.0	53.6	54.2
57.5°	48.9	49.8	50.8	51.7	52.4	53.2	53.8	54.5	55.2	55.8	56.3
56.25°	51.0	52.0	52.8	53.6	54.4	55.2	55.9	56.6	57.1	57.5	57.9
55°	53.0	53.9	54.7	55.6	56.4	57.0	57.5	58.0	58.5	58.9	59.4
53.75°	54.8	55.7	56.6	57.3	57.8	58.4	58.9	59.4	59.9	60.4	61.0
52.5°	56.6	57.3	57.9	58.5	59.1	59.7	60.3	60.9	61.6	62.2	62.8
51.25°	57.9	58.5	59.2	59.8	60.5	61.3	62.0	62.6	63.3	63.9	64.4
50°	59.1	59.8	60.5	61.3	62.1	62.9	63.6	64.3	64.8	65.4	65.9
48.75°	60.3	61.2	62.1	62.9	63.7	64.4	65.0	65.7	66.2	66.8	67.3
47.5°	61.8	62.7	63.6	64.4	65.1	65.7	66.4	67.0	67.6	68.2	68.7
46.25°	63.2	64.1	64.9	65.6	66.4	67.1	67.7	68.4	69.0	69.6	70.1
45°	64.5	65.3	66.1	66.9	67.6	68.3	69.0	69.7	70.3	71.4	72.5
43.75°	65.7	66.5	67.3	68.1	68.9	69.6	70.3	71.5	72.8	74.1	75.3
42.5°	66.8	67.7	68.5	69.3	70.1	71.2	72.7	74.1	75.4	76.8	80.1
41.25°	68.0	68.8	69.7	70.5	72.1	73.7	75.2	76.6	80.2	84.2	87.9
40°	69.0	69.9	71.1	72.8	74.5	76.1	79.1	83.5	87.7	91.8	95.9
38.75°	70.1	71.6	73.4	75.1	76.9	81.6	86.2	90.8	95.1	102.3	109.3
37.5°	71.9	73.8	75.6	78.4	83.5	88.5	93.3	99.9	107.8	115.3	122.6
36.25°	73.9	75.9	79.5	84.9	90.1	95.3	103.9	112.3	120.4	128.3	136.2
35°	76.0	80.1	85.7	91.3	97.7	106.9	115.8	124.5	133.2	141.7	149.9



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	80.1	86.0	91.8	99.2	108.9	118.3	127.6	137.0	146.1	154.9	164.2
32.5°	85.7	91.8	99.7	109.9	119.9	129.8	139.7	149.5	158.9	170.1	181.5
31.25°	91.3	99.2	109.9	120.4	130.8	141.4	151.7	162.0	174.6	186.7	198.5
30°	97.7	108.9	119.9	130.8	142.0	152.8	164.2	177.5	190.5	203.1	215.3
28.75°	106.9	118.3	129.8	141.4	152.8	164.9	179.0	192.8	206.2	219.2	231.8
27.5°	115.8	127.6	139.7	151.7	164.2	179.0	193.6	207.8	221.6	235.0	248.2
26.25°	124.5	137.0	149.5	162.0	177.5	192.8	207.8	222.4	236.6	251.5	269.7
25°	133.2	146.1	158.9	174.6	190.5	206.2	221.6	236.6	252.6	272.0	290.8
23.75°	141.7	154.9	170.1	186.7	203.1	219.2	235.0	251.5	272.0	292.0	312.3
22.5°	149.9	164.2	181.5	198.5	215.3	231.8	248.2	269.7	290.8	312.3	335.4
21.25°	157.8	174.7	192.4	209.8	227.0	243.9	265.2	287.3	309.5	334.0	357.9
20°	166.6	184.8	202.9	220.6	238.2	258.4	281.5	304.3	329.8	355.0	380.8
18.75°	175.9	194.5	212.8	231.0	249.5	273.5	297.2	322.8	349.3	375.6	405.6
17.5°	184.7	203.6	222.3	240.9	263.4	287.9	313.2	340.8	368.0	398.2	443.0
16.25°	193.0	212.2	231.3	251.2	276.5	301.6	329.6	357.9	387.8	428.7	496.8
15°	200.8	220.3	239.7	263.0	288.8	315.8	345.0	374.1	409.0	466.4	560.4
13.75°	208.0	227.8	247.6	274.1	300.4	329.7	359.5	391.7	438.2	519.5	633.5
12.5°	214.7	234.8	257.4	284.3	311.9	342.5	373.0	410.1	473.9	578.0	707.8
11.25°	220.7	241.1	266.3	293.7	323.2	354.3	387.3	434.1	517.5	638.2	779.1
10°	226.2	246.9	274.5	302.2	333.4	365.1	400.3	457.2	562.5	698.1	848.0
8.75°	231.1	253.6	281.7	310.3	342.5	374.9	416.5	491.0	609.3	753.7	910.3
7.5°	235.4	259.6	288.0	318.0	350.5	384.6	432.8	520.8	650.5	803.9	963.0
6.25°	239.0	264.8	293.4	324.5	357.4	392.9	446.7	548.1	689.9	848.6	1008.0
5°	242.0	269.0	297.8	329.8	363.0	399.8	461.3	575.8	722.8	885.5	1045.3
3.75°	244.4	272.3	301.3	334.0	367.4	405.7	476.9	597.5	748.7	914.6	1072.4
2.5°	246.1	274.7	303.8	337.0	370.6	411.8	488.2	613.1	767.3	934.7	1091.7
1.25°	247.1	276.1	305.3	338.8	372.5	415.5	494.9	622.5	778.5	946.7	1103.4
0°	247.4	276.6	305.8	339.5	373.1	416.7	497.2	625.7	782.2	950.7	1107.3
-1.25°	247.1	276.1	305.3	338.8	372.5	415.5	494.9	622.5	778.5	946.7	1103.4
-2.5°	246.1	274.7	303.8	337.0	370.6	411.8	488.2	613.1	767.3	934.7	1091.7
-3.75°	244.4	272.3	301.3	334.0	367.4	405.7	476.9	597.5	748.7	914.6	1072.4
-5°	242.0	269.0	297.8	329.8	363.0	399.8	461.3	575.8	722.8	885.5	1045.3
-6.25°	239.0	264.8	293.4	324.5	357.4	392.9	446.7	548.1	689.9	848.6	1008.0
-7.5°	235.4	259.6	288.0	318.0	350.5	384.6	432.8	520.8	650.5	803.9	963.0
-8.75°	231.1	253.6	281.7	310.3	342.5	374.9	416.5	491.0	609.3	753.7	910.3
-10°	226.2	246.9	274.5	302.2	333.4	365.1	400.3	457.2	562.5	698.1	848.0
-11.25°	220.7	241.1	266.3	293.7	323.2	354.3	387.3	434.1	517.5	638.2	779.1
-12.5°	214.7	234.8	257.4	284.3	311.9	342.5	373.0	410.1	473.9	578.0	707.8
-13.75°	208.0	227.8	247.6	274.1	300.4	329.7	359.5	391.7	438.2	519.5	633.5
-15°	200.8	220.3	239.7	263.0	288.8	315.8	345.0	374.1	409.0	466.4	560.4
-16.25°	193.0	212.2	231.3	251.2	276.5	301.6	329.6	357.9	387.8	428.7	496.8
-17.5°	184.7	203.6	222.3	240.9	263.4	287.9	313.2	340.8	368.0	398.2	443.0
-18.75°	175.9	194.5	212.8	231.0	249.5	273.5	297.2	322.8	349.3	375.6	405.6
-20°	166.6	184.8	202.9	220.6	238.2	258.4	281.5	304.3	329.8	355.0	380.8
-21.25°	157.8	174.7	192.4	209.8	227.0	243.9	265.2	287.3	309.5	334.0	357.9



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	149.9	164.2	181.5	198.5	215.3	231.8	248.2	269.7	290.8	312.3	335.4
-23.75°	141.7	154.9	170.1	186.7	203.1	219.2	235.0	251.5	272.0	292.0	312.3
-25°	133.2	146.1	158.9	174.6	190.5	206.2	221.6	236.6	252.6	272.0	290.8
-26.25°	124.5	137.0	149.5	162.0	177.5	192.8	207.8	222.4	236.6	251.5	269.7
-27.5°	115.8	127.6	139.7	151.7	164.2	179.0	193.6	207.8	221.6	235.0	248.2
-28.75°	106.9	118.3	129.8	141.4	152.8	164.9	179.0	192.8	206.2	219.2	231.8
-30°	97.7	108.9	119.9	130.8	142.0	152.8	164.2	177.5	190.5	203.1	215.3
-31.25°	91.3	99.2	109.9	120.4	130.8	141.4	151.7	162.0	174.6	186.7	198.5
-32.5°	85.7	91.8	99.7	109.9	119.9	129.8	139.7	149.5	158.9	170.1	181.5
-33.75°	80.1	86.0	91.8	99.2	108.9	118.3	127.6	137.0	146.1	154.9	164.2
-35°	76.0	80.1	85.7	91.3	97.7	106.9	115.8	124.5	133.2	141.7	149.9
-36.25°	73.9	75.9	79.5	84.9	90.1	95.3	103.9	112.3	120.4	128.3	136.2
-37.5°	71.9	73.8	75.6	78.4	83.5	88.5	93.3	99.9	107.8	115.3	122.6
-38.75°	70.1	71.6	73.4	75.1	76.9	81.6	86.2	90.8	95.1	102.3	109.3
-40°	69.0	69.9	71.1	72.8	74.5	76.1	79.1	83.5	87.7	91.8	95.9
-41.25°	68.0	68.8	69.7	70.5	72.1	73.7	75.2	76.6	80.2	84.2	87.9
-42.5°	66.8	67.7	68.5	69.3	70.1	71.2	72.7	74.1	75.4	76.8	80.1
-43.75°	65.7	66.5	67.3	68.1	68.9	69.6	70.3	71.5	72.8	74.1	75.3
-45°	64.5	65.3	66.1	66.9	67.6	68.3	69.0	69.7	70.3	71.4	72.5
-46.25°	63.2	64.1	64.9	65.6	66.4	67.1	67.7	68.4	69.0	69.6	70.1
-47.5°	61.8	62.7	63.6	64.4	65.1	65.7	66.4	67.0	67.6	68.2	68.7
-48.75°	60.3	61.2	62.1	62.9	63.7	64.4	65.0	65.7	66.2	66.8	67.3
-50°	59.1	59.8	60.5	61.3	62.1	62.9	63.6	64.3	64.8	65.4	65.9
-51.25°	57.9	58.5	59.2	59.8	60.5	61.3	62.0	62.6	63.3	63.9	64.4
-52.5°	56.6	57.3	57.9	58.5	59.1	59.7	60.3	60.9	61.6	62.2	62.8
-53.75°	54.8	55.7	56.6	57.3	57.8	58.4	58.9	59.4	59.9	60.4	61.0
-55°	53.0	53.9	54.7	55.6	56.4	57.0	57.5	58.0	58.5	58.9	59.4
-56.25°	51.0	52.0	52.8	53.6	54.4	55.2	55.9	56.6	57.1	57.5	57.9
-57.5°	48.9	49.8	50.8	51.7	52.4	53.2	53.8	54.5	55.2	55.8	56.3
-58.75°	46.7	47.6	48.5	49.4	50.2	51.0	51.8	52.4	53.0	53.6	54.2
-60°	44.0	45.1	46.2	47.1	47.9	48.6	49.4	50.1	50.8	51.4	52.0
-61.25°	41.2	42.3	43.3	44.3	45.3	46.2	47.0	47.6	48.3	48.9	49.5
-62.5°	38.6	39.4	40.4	41.4	42.3	43.2	44.0	44.9	45.6	46.4	47.0
-63.75°	36.4	37.1	37.9	38.6	39.3	40.1	40.9	41.7	42.5	43.2	43.9
-65°	34.2	34.9	35.6	36.2	36.9	37.5	38.1	38.7	39.3	39.9	40.6
-66.25°	31.7	32.5	33.2	33.9	34.5	35.1	35.7	36.2	36.8	37.3	37.7
-67.5°	29.2	29.9	30.6	31.3	31.9	32.6	33.2	33.8	34.3	34.7	35.2
-68.75°	26.9	27.3	28.0	28.6	29.2	29.8	30.4	31.0	31.5	32.0	32.5
-70°	25.6	25.9	26.3	26.6	26.9	27.1	27.6	28.1	28.6	29.1	29.6
-71.25°	24.3	24.6	24.9	25.2	25.5	25.8	26.0	26.2	26.5	26.7	26.9
-72.5°	23.1	23.3	23.6	23.9	24.1	24.4	24.6	24.8	25.0	25.2	25.4
-73.75°	21.8	22.0	22.3	22.5	22.8	23.0	23.2	23.4	23.6	23.8	24.0
-75°	20.5	20.7	20.9	21.2	21.4	21.6	21.8	22.0	22.2	22.3	22.5
-76.25°	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.7	20.9	21.0
-77.5°	17.9	18.1	18.3	18.4	18.6	18.8	19.0	19.1	19.3	19.4	19.6



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	16.3	16.5	16.8	17.0	17.2	17.4	17.5	17.7	17.8	18.0	18.1
-80°	14.7	14.9	15.1	15.3	15.4	15.6	15.8	15.9	16.1	16.2	16.4
-81.25°	12.9	13.2	13.4	13.5	13.7	13.9	14.0	14.1	14.3	14.4	14.5
-82.5°	11.0	11.2	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.5
-83.75°	9.0	9.2	9.3	9.5	9.6	9.7	9.8	10.0	10.1	10.2	10.3
-85°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1
-86.25°	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8	5.9
-87.5°	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7
-88.75°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
87.5°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
86.25°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
85°	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.7	8.7
83.75°	10.4	10.5	10.6	10.6	10.7	10.8	10.9	10.9	11.0	11.0	11.1
82.5°	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.3	13.4	13.4
81.25°	14.6	14.7	14.9	14.9	15.0	15.1	15.2	15.3	15.3	15.4	15.4
80°	16.5	16.6	16.7	16.9	17.0	17.0	17.1	17.2	17.3	17.4	17.4
78.75°	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	18.9	19.0	19.0
77.5°	19.7	19.8	19.9	20.0	20.2	20.2	20.3	20.4	20.5	20.6	20.6
76.25°	21.2	21.3	21.4	21.6	21.7	21.8	21.9	22.0	22.1	22.1	22.2
75°	22.7	22.8	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8
73.75°	24.2	24.3	24.5	24.6	24.7	24.9	25.0	25.1	25.2	25.3	25.4
72.5°	25.6	25.8	26.0	26.1	26.3	26.4	26.5	26.7	26.8	26.8	26.9
71.25°	27.1	27.4	27.8	28.1	28.4	28.7	29.0	29.2	29.4	29.6	29.8
70°	30.0	30.4	30.8	31.1	31.5	31.8	32.1	32.3	32.6	32.8	33.0
68.75°	32.9	33.4	33.8	34.1	34.4	34.7	35.0	35.2	35.4	35.6	35.8
67.5°	35.6	36.0	36.4	36.7	37.1	37.4	37.7	37.9	38.2	38.4	38.6
66.25°	38.2	38.6	39.0	39.5	39.9	40.3	40.7	41.1	41.4	41.7	42.0
65°	41.2	41.8	42.3	42.9	43.3	43.8	44.2	44.6	44.9	45.2	45.5
63.75°	44.5	45.1	45.7	46.3	46.7	47.1	47.4	47.7	48.0	48.2	48.5
62.5°	47.5	48.0	48.5	48.9	49.3	49.7	50.1	50.4	50.7	51.0	51.2
61.25°	50.1	50.6	51.1	51.6	52.0	52.4	52.7	53.0	53.2	53.5	53.7
60°	52.5	53.0	53.5	53.9	54.3	54.6	55.0	55.3	55.6	55.8	56.1
58.75°	54.7	55.2	55.7	56.1	56.6	56.9	57.1	57.3	57.5	57.7	57.9
57.5°	56.9	57.2	57.5	57.9	58.1	58.4	58.7	58.9	59.1	59.3	59.5
56.25°	58.3	58.7	59.0	59.4	59.7	59.9	60.3	60.6	60.8	61.1	61.3
55°	59.8	60.2	60.6	61.1	61.5	61.8	62.2	62.5	62.8	63.0	63.3
53.75°	61.5	62.0	62.5	62.9	63.3	63.7	64.1	64.3	64.6	64.8	65.0
52.5°	63.3	63.8	64.3	64.6	65.0	65.3	65.7	65.9	66.2	66.4	66.6
51.25°	64.9	65.4	65.8	66.2	66.6	66.9	67.2	67.5	67.8	68.0	68.2
50°	66.4	66.8	67.3	67.7	68.1	68.4	68.8	69.1	69.3	69.6	69.8
48.75°	67.8	68.3	68.8	69.2	69.6	69.9	70.3	70.7	71.2	71.8	72.2
47.5°	69.3	69.7	70.2	70.8	71.6	72.4	73.1	73.7	74.3	74.9	75.3
46.25°	70.8	71.8	72.8	73.7	74.6	75.4	76.1	76.8	78.4	80.0	81.4
45°	73.6	74.7	75.7	76.7	78.8	81.2	83.4	85.4	87.3	88.9	90.4
43.75°	76.4	78.7	81.8	84.6	87.3	89.8	92.1	94.2	96.7	99.8	102.4
42.5°	83.6	86.9	90.0	92.9	96.0	100.6	104.7	108.6	112.1	115.2	118.0
41.25°	91.5	94.9	100.3	105.7	110.7	115.4	119.8	123.8	127.4	130.9	134.0
40°	102.4	108.6	114.5	120.1	125.3	130.3	135.1	139.5	143.5	147.1	150.3
38.75°	116.1	122.5	128.7	134.8	140.5	145.8	150.8	155.4	159.5	164.0	168.3
37.5°	129.7	136.7	143.4	149.7	155.7	161.3	168.0	174.1	179.7	184.8	189.3
36.25°	143.8	151.1	158.0	165.7	173.6	181.1	188.0	194.4	200.3	205.6	210.3
35°	157.8	166.6	175.9	184.7	193.0	200.8	208.0	214.7	220.7	226.2	231.1



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	174.7	184.8	194.5	203.6	212.2	220.3	227.8	234.8	241.1	246.9	253.6
32.5°	192.4	202.9	212.8	222.3	231.3	239.7	247.6	257.4	266.3	274.5	281.7
31.25°	209.8	220.6	231.0	240.9	251.2	263.0	274.1	284.3	293.7	302.2	310.3
30°	227.0	238.2	249.5	263.4	276.5	288.8	300.4	311.9	323.2	333.4	342.5
28.75°	243.9	258.4	273.5	287.9	301.6	315.8	329.7	342.5	354.3	365.1	374.9
27.5°	265.2	281.5	297.2	313.2	329.6	345.0	359.5	373.0	387.3	400.3	416.5
26.25°	287.3	304.3	322.8	340.8	357.9	374.1	391.7	410.1	434.1	457.2	491.0
25°	309.5	329.8	349.3	368.0	387.8	409.0	438.2	473.9	517.5	562.5	609.3
23.75°	334.0	355.0	375.6	398.2	428.7	466.4	519.5	578.0	638.2	698.1	753.7
22.5°	357.9	380.8	405.6	443.0	496.8	560.4	633.5	707.8	779.1	848.0	910.3
21.25°	382.5	411.3	451.6	517.2	594.9	678.6	764.7	849.4	928.4	997.9	1059.4
20°	411.3	454.8	527.5	615.8	710.8	807.5	903.3	989.8	1067.7	1134.7	1188.8
18.75°	451.6	527.5	622.8	727.0	834.1	938.8	1034.5	1118.0	1188.5	1243.4	1280.5
17.5°	517.2	615.8	727.0	843.0	956.3	1060.5	1152.1	1222.5	1275.6	1312.5	1342.0
16.25°	594.9	710.8	834.1	956.3	1068.8	1168.7	1243.3	1293.7	1333.3	1367.0	1399.2
15°	678.6	807.5	938.8	1060.5	1168.7	1250.3	1302.9	1345.6	1384.8	1422.2	1456.5
13.75°	764.7	903.3	1034.5	1152.1	1243.3	1302.9	1349.8	1393.8	1436.3	1476.0	1512.6
12.5°	849.4	989.8	1118.0	1222.5	1293.7	1345.6	1393.8	1441.1	1486.0	1528.1	1565.4
11.25°	928.4	1067.7	1188.5	1275.6	1333.3	1384.8	1436.3	1486.0	1533.1	1575.9	1622.2
10°	997.9	1134.7	1243.4	1312.5	1367.0	1422.2	1476.0	1528.1	1575.9	1628.7	1680.6
8.75°	1059.4	1188.8	1280.5	1342.0	1399.2	1456.5	1512.6	1565.4	1622.2	1680.6	1737.1
7.5°	1110.0	1230.4	1308.6	1367.9	1428.0	1487.3	1544.8	1602.9	1666.1	1729.2	1787.5
6.25°	1153.6	1263.5	1330.7	1391.3	1453.0	1514.2	1572.4	1637.8	1705.9	1771.9	1830.2
5°	1184.6	1282.5	1348.2	1410.9	1474.1	1536.4	1599.0	1668.9	1740.4	1806.9	1865.1
3.75°	1206.7	1297.5	1362.0	1426.4	1490.8	1553.7	1620.7	1693.9	1767.6	1833.6	1890.4
2.5°	1222.7	1308.3	1372.3	1437.6	1502.9	1566.2	1636.7	1712.5	1786.6	1852.8	1909.1
1.25°	1232.3	1314.8	1378.6	1444.4	1510.3	1573.8	1646.9	1723.9	1798.3	1864.6	1919.8
0°	1235.6	1317.0	1380.7	1446.7	1512.8	1576.4	1650.3	1727.8	1802.2	1868.6	1923.3
-1.25°	1232.3	1314.8	1378.6	1444.4	1510.3	1573.8	1646.9	1723.9	1798.3	1864.6	1919.8
-2.5°	1222.7	1308.3	1372.3	1437.6	1502.9	1566.2	1636.7	1712.5	1786.6	1852.8	1909.1
-3.75°	1206.7	1297.5	1362.0	1426.4	1490.8	1553.7	1620.7	1693.9	1767.6	1833.6	1890.4
-5°	1184.6	1282.5	1348.2	1410.9	1474.1	1536.4	1599.0	1668.9	1740.4	1806.9	1865.1
-6.25°	1153.6	1263.5	1330.7	1391.3	1453.0	1514.2	1572.4	1637.8	1705.9	1771.9	1830.2
-7.5°	1110.0	1230.4	1308.6	1367.9	1428.0	1487.3	1544.8	1602.9	1666.1	1729.2	1787.5
-8.75°	1059.4	1188.8	1280.5	1342.0	1399.2	1456.5	1512.6	1565.4	1622.2	1680.6	1737.1
-10°	997.9	1134.7	1243.4	1312.5	1367.0	1422.2	1476.0	1528.1	1575.9	1628.7	1680.6
-11.25°	928.4	1067.7	1188.5	1275.6	1333.3	1384.8	1436.3	1486.0	1533.1	1575.9	1622.2
-12.5°	849.4	989.8	1118.0	1222.5	1293.7	1345.6	1393.8	1441.1	1486.0	1528.1	1565.4
-13.75°	764.7	903.3	1034.5	1152.1	1243.3	1302.9	1349.8	1393.8	1436.3	1476.0	1512.6
-15°	678.6	807.5	938.8	1060.5	1168.7	1250.3	1302.9	1345.6	1384.8	1422.2	1456.5
-16.25°	594.9	710.8	834.1	956.3	1068.8	1168.7	1243.3	1293.7	1333.3	1367.0	1399.2
-17.5°	517.2	615.8	727.0	843.0	956.3	1060.5	1152.1	1222.5	1275.6	1312.5	1342.0
-18.75°	451.6	527.5	622.8	727.0	834.1	938.8	1034.5	1118.0	1188.5	1243.4	1280.5
-20°	411.3	454.8	527.5	615.8	710.8	807.5	903.3	989.8	1067.7	1134.7	1188.8
-21.25°	382.5	411.3	451.6	517.2	594.9	678.6	764.7	849.4	928.4	997.9	1059.4



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	357.9	380.8	405.6	443.0	496.8	560.4	633.5	707.8	779.1	848.0	910.3
-23.75°	334.0	355.0	375.6	398.2	428.7	466.4	519.5	578.0	638.2	698.1	753.7
-25°	309.5	329.8	349.3	368.0	387.8	409.0	438.2	473.9	517.5	562.5	609.3
-26.25°	287.3	304.3	322.8	340.8	357.9	374.1	391.7	410.1	434.1	457.2	491.0
-27.5°	265.2	281.5	297.2	313.2	329.6	345.0	359.5	373.0	387.3	400.3	416.5
-28.75°	243.9	258.4	273.5	287.9	301.6	315.8	329.7	342.5	354.3	365.1	374.9
-30°	227.0	238.2	249.5	263.4	276.5	288.8	300.4	311.9	323.2	333.4	342.5
-31.25°	209.8	220.6	231.0	240.9	251.2	263.0	274.1	284.3	293.7	302.2	310.3
-32.5°	192.4	202.9	212.8	222.3	231.3	239.7	247.6	257.4	266.3	274.5	281.7
-33.75°	174.7	184.8	194.5	203.6	212.2	220.3	227.8	234.8	241.1	246.9	253.6
-35°	157.8	166.6	175.9	184.7	193.0	200.8	208.0	214.7	220.7	226.2	231.1
-36.25°	143.8	151.1	158.0	165.7	173.6	181.1	188.0	194.4	200.3	205.6	210.3
-37.5°	129.7	136.7	143.4	149.7	155.7	161.3	168.0	174.1	179.7	184.8	189.3
-38.75°	116.1	122.5	128.7	134.8	140.5	145.8	150.8	155.4	159.5	164.0	168.3
-40°	102.4	108.6	114.5	120.1	125.3	130.3	135.1	139.5	143.5	147.1	150.3
-41.25°	91.5	94.9	100.3	105.7	110.7	115.4	119.8	123.8	127.4	130.9	134.0
-42.5°	83.6	86.9	90.0	92.9	96.0	100.6	104.7	108.6	112.1	115.2	118.0
-43.75°	76.4	78.7	81.8	84.6	87.3	89.8	92.1	94.2	96.7	99.8	102.4
-45°	73.6	74.7	75.7	76.7	78.8	81.2	83.4	85.4	87.3	88.9	90.4
-46.25°	70.8	71.8	72.8	73.7	74.6	75.4	76.1	76.8	78.4	80.0	81.4
-47.5°	69.3	69.7	70.2	70.8	71.6	72.4	73.1	73.7	74.3	74.9	75.3
-48.75°	67.8	68.3	68.8	69.2	69.6	69.9	70.3	70.7	71.2	71.8	72.2
-50°	66.4	66.8	67.3	67.7	68.1	68.4	68.8	69.1	69.3	69.6	69.8
-51.25°	64.9	65.4	65.8	66.2	66.6	66.9	67.2	67.5	67.8	68.0	68.2
-52.5°	63.3	63.8	64.3	64.6	65.0	65.3	65.7	65.9	66.2	66.4	66.6
-53.75°	61.5	62.0	62.5	62.9	63.3	63.7	64.1	64.3	64.6	64.8	65.0
-55°	59.8	60.2	60.6	61.1	61.5	61.8	62.2	62.5	62.8	63.0	63.3
-56.25°	58.3	58.7	59.0	59.4	59.7	59.9	60.3	60.6	60.8	61.1	61.3
-57.5°	56.9	57.2	57.5	57.9	58.1	58.4	58.7	58.9	59.1	59.3	59.5
-58.75°	54.7	55.2	55.7	56.1	56.6	56.9	57.1	57.3	57.5	57.7	57.9
-60°	52.5	53.0	53.5	53.9	54.3	54.6	55.0	55.3	55.6	55.8	56.1
-61.25°	50.1	50.6	51.1	51.6	52.0	52.4	52.7	53.0	53.2	53.5	53.7
-62.5°	47.5	48.0	48.5	48.9	49.3	49.7	50.1	50.4	50.7	51.0	51.2
-63.75°	44.5	45.1	45.7	46.3	46.7	47.1	47.4	47.7	48.0	48.2	48.5
-65°	41.2	41.8	42.3	42.9	43.3	43.8	44.2	44.6	44.9	45.2	45.5
-66.25°	38.2	38.6	39.0	39.5	39.9	40.3	40.7	41.1	41.4	41.7	42.0
-67.5°	35.6	36.0	36.4	36.7	37.1	37.4	37.7	37.9	38.2	38.4	38.6
-68.75°	32.9	33.4	33.8	34.1	34.4	34.7	35.0	35.2	35.4	35.6	35.8
-70°	30.0	30.4	30.8	31.1	31.5	31.8	32.1	32.3	32.6	32.8	33.0
-71.25°	27.1	27.4	27.8	28.1	28.4	28.7	29.0	29.2	29.4	29.6	29.8
-72.5°	25.6	25.8	26.0	26.1	26.3	26.4	26.5	26.7	26.8	26.8	26.9
-73.75°	24.2	24.3	24.5	24.6	24.7	24.9	25.0	25.1	25.2	25.3	25.4
-75°	22.7	22.8	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8
-76.25°	21.2	21.3	21.4	21.6	21.7	21.8	21.9	22.0	22.1	22.1	22.2
-77.5°	19.7	19.8	19.9	20.0	20.2	20.2	20.3	20.4	20.5	20.6	20.6



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	18.9	19.0	19.0
-80°	16.5	16.6	16.7	16.9	17.0	17.0	17.1	17.2	17.3	17.4	17.4
-81.25°	14.6	14.7	14.9	14.9	15.0	15.1	15.2	15.3	15.3	15.4	15.4
-82.5°	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.3	13.4	13.4
-83.75°	10.4	10.5	10.6	10.6	10.7	10.8	10.9	10.9	11.0	11.0	11.1
-85°	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.7	8.7
-86.25°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
-87.5°	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	4.0
-88.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
86.25°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
83.75°	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
82.5°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
81.25°	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.5
80°	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5
78.75°	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
77.5°	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7
76.25°	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.3
75°	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
73.75°	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.5
72.5°	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.1
71.25°	30.0	30.1	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.3	30.2
70°	33.1	33.3	33.4	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.4
68.75°	36.0	36.1	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.3	36.2
67.5°	38.7	38.9	39.0	39.1	39.1	39.2	39.2	39.2	39.1	39.1	39.0
66.25°	42.2	42.4	42.5	42.6	42.7	42.8	42.8	42.8	42.7	42.6	42.5
65°	45.7	45.9	46.1	46.2	46.3	46.4	46.4	46.4	46.3	46.2	46.1
63.75°	48.7	48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.1	49.1	49.0
62.5°	51.4	51.6	51.7	51.9	51.9	52.0	52.0	52.0	51.9	51.9	51.7
61.25°	53.9	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.3	54.3	54.2
60°	56.3	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.7	56.7	56.6
58.75°	58.0	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.3	58.2
57.5°	59.6	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	59.9	59.8
56.25°	61.5	61.6	61.8	61.9	61.9	62.0	62.0	62.0	61.9	61.9	61.8
55°	63.5	63.6	63.8	63.9	63.9	64.0	64.0	64.0	63.9	63.9	63.8
53.75°	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.6	65.6	65.5	65.4
52.5°	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.2	67.2	67.1
51.25°	68.4	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.8	68.8	68.7
50°	70.0	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.4	70.4	70.3
48.75°	72.6	72.9	73.2	73.4	73.6	73.7	73.7	73.7	73.6	73.4	73.2
47.5°	75.8	76.1	76.4	76.6	76.8	76.9	76.9	76.9	76.8	76.6	76.4
46.25°	82.7	83.7	84.6	85.2	85.7	86.0	86.1	86.0	85.7	85.2	84.6
45°	91.7	92.8	93.7	94.4	94.9	95.2	95.3	95.2	94.9	94.4	93.7
43.75°	104.8	106.8	108.4	109.7	110.6	111.1	111.3	111.1	110.6	109.7	108.4
42.5°	120.5	122.6	124.3	125.6	126.5	127.1	127.3	127.1	126.5	125.6	124.3
41.25°	136.6	138.9	140.8	142.2	143.3	143.9	144.1	143.9	143.3	142.2	140.8
40°	153.1	155.5	157.4	158.9	160.0	160.7	160.9	160.7	160.0	158.9	157.4
38.75°	172.0	175.2	177.9	179.9	181.4	182.3	182.6	182.3	181.4	179.9	177.9
37.5°	193.2	196.6	199.3	201.4	203.0	203.9	204.2	203.9	203.0	201.4	199.3
36.25°	214.3	217.8	220.7	222.9	224.5	225.5	225.8	225.5	224.5	222.9	220.7
35°	235.4	239.0	242.0	244.4	246.1	247.1	247.4	247.1	246.1	244.4	242.0



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	259.6	264.8	269.0	272.3	274.7	276.1	276.6	276.1	274.7	272.3	269.0
32.5°	288.0	293.4	297.8	301.3	303.8	305.3	305.8	305.3	303.8	301.3	297.8
31.25°	318.0	324.5	329.8	334.0	337.0	338.8	339.5	338.8	337.0	334.0	329.8
30°	350.5	357.4	363.0	367.4	370.6	372.5	373.1	372.5	370.6	367.4	363.0
28.75°	384.6	392.9	399.8	405.7	411.8	415.5	416.7	415.5	411.8	405.7	399.8
27.5°	432.8	446.7	461.3	476.9	488.2	494.9	497.2	494.9	488.2	476.9	461.3
26.25°	520.8	548.1	575.8	597.5	613.1	622.5	625.7	622.5	613.1	597.5	575.8
25°	650.5	689.9	722.8	748.7	767.3	778.5	782.2	778.5	767.3	748.7	722.8
23.75°	803.9	848.6	885.5	914.6	934.7	946.7	950.7	946.7	934.7	914.6	885.5
22.5°	963.0	1008.0	1045.3	1072.4	1091.7	1103.4	1107.3	1103.4	1091.7	1072.4	1045.3
21.25°	1110.0	1153.6	1184.6	1206.7	1222.7	1232.3	1235.6	1232.3	1222.7	1206.7	1184.6
20°	1230.4	1263.5	1282.5	1297.5	1308.3	1314.8	1317.0	1314.8	1308.3	1297.5	1282.5
18.75°	1308.6	1330.7	1348.2	1362.0	1372.3	1378.6	1380.7	1378.6	1372.3	1362.0	1348.2
17.5°	1367.9	1391.3	1410.9	1426.4	1437.6	1444.4	1446.7	1444.4	1437.6	1426.4	1410.9
16.25°	1428.0	1453.0	1474.1	1490.8	1502.9	1510.3	1512.8	1510.3	1502.9	1490.8	1474.1
15°	1487.3	1514.2	1536.4	1553.7	1566.2	1573.8	1576.4	1573.8	1566.2	1553.7	1536.4
13.75°	1544.8	1572.4	1599.0	1620.7	1636.7	1646.9	1650.3	1646.9	1636.7	1620.7	1599.0
12.5°	1602.9	1637.8	1668.9	1693.9	1712.5	1723.9	1727.8	1723.9	1712.5	1693.9	1668.9
11.25°	1666.1	1705.9	1740.4	1767.6	1786.6	1798.3	1802.2	1798.3	1786.6	1767.6	1740.4
10°	1729.2	1771.9	1806.9	1833.6	1852.8	1864.6	1868.6	1864.6	1852.8	1833.6	1806.9
8.75°	1787.5	1830.2	1865.1	1890.4	1909.1	1919.8	1923.3	1919.8	1909.1	1890.4	1865.1
7.5°	1837.8	1879.8	1913.2	1937.8	1955.6	1964.8	1967.9	1964.8	1955.6	1937.8	1913.2
6.25°	1879.8	1920.2	1952.8	1974.4	1988.7	1996.1	1998.7	1996.1	1988.7	1974.4	1952.8
5°	1913.2	1952.8	1981.1	1998.8	2008.2	2012.8	2014.4	2012.8	2008.2	1998.8	1981.1
3.75°	1937.8	1974.4	1998.8	2011.2	2016.8	2019.2	2019.2	2019.2	2016.8	2011.2	1998.8
2.5°	1955.6	1988.7	2008.2	2016.8	2019.2	2018.5	2017.6	2018.5	2019.2	2016.8	2008.2
1.25°	1964.8	1996.1	2012.8	2019.2	2018.5	2016.4	2017.2	2016.4	2018.5	2019.2	2012.8
0°	1967.9	1998.7	2014.4	2019.2	2017.6	2017.2	2023.2	2017.2	2017.6	2019.2	2014.4
-1.25°	1964.8	1996.1	2012.8	2019.2	2018.5	2016.4	2017.2	2016.4	2018.5	2019.2	2012.8
-2.5°	1955.6	1988.7	2008.2	2016.8	2019.2	2018.5	2017.6	2018.5	2019.2	2016.8	2008.2
-3.75°	1937.8	1974.4	1998.8	2011.2	2016.8	2019.2	2019.2	2019.2	2016.8	2011.2	1998.8
-5°	1913.2	1952.8	1981.1	1998.8	2008.2	2012.8	2014.4	2012.8	2008.2	1998.8	1981.1
-6.25°	1879.8	1920.2	1952.8	1974.4	1988.7	1996.1	1998.7	1996.1	1988.7	1974.4	1952.8
-7.5°	1837.8	1879.8	1913.2	1937.8	1955.6	1964.8	1967.9	1964.8	1955.6	1937.8	1913.2
-8.75°	1787.5	1830.2	1865.1	1890.4	1909.1	1919.8	1923.3	1919.8	1909.1	1890.4	1865.1
-10°	1729.2	1771.9	1806.9	1833.6	1852.8	1864.6	1868.6	1864.6	1852.8	1833.6	1806.9
-11.25°	1666.1	1705.9	1740.4	1767.6	1786.6	1798.3	1802.2	1798.3	1786.6	1767.6	1740.4
-12.5°	1602.9	1637.8	1668.9	1693.9	1712.5	1723.9	1727.8	1723.9	1712.5	1693.9	1668.9
-13.75°	1544.8	1572.4	1599.0	1620.7	1636.7	1646.9	1650.3	1646.9	1636.7	1620.7	1599.0
-15°	1487.3	1514.2	1536.4	1553.7	1566.2	1573.8	1576.4	1573.8	1566.2	1553.7	1536.4
-16.25°	1428.0	1453.0	1474.1	1490.8	1502.9	1510.3	1512.8	1510.3	1502.9	1490.8	1474.1
-17.5°	1367.9	1391.3	1410.9	1426.4	1437.6	1444.4	1446.7	1444.4	1437.6	1426.4	1410.9
-18.75°	1308.6	1330.7	1348.2	1362.0	1372.3	1378.6	1380.7	1378.6	1372.3	1362.0	1348.2
-20°	1230.4	1263.5	1282.5	1297.5	1308.3	1314.8	1317.0	1314.8	1308.3	1297.5	1282.5
-21.25°	1110.0	1153.6	1184.6	1206.7	1222.7	1232.3	1235.6	1232.3	1222.7	1206.7	1184.6



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	963.0	1008.0	1045.3	1072.4	1091.7	1103.4	1107.3	1103.4	1091.7	1072.4	1045.3
-23.75°	803.9	848.6	885.5	914.6	934.7	946.7	950.7	946.7	934.7	914.6	885.5
-25°	650.5	689.9	722.8	748.7	767.3	778.5	782.2	778.5	767.3	748.7	722.8
-26.25°	520.8	548.1	575.8	597.5	613.1	622.5	625.7	622.5	613.1	597.5	575.8
-27.5°	432.8	446.7	461.3	476.9	488.2	494.9	497.2	494.9	488.2	476.9	461.3
-28.75°	384.6	392.9	399.8	405.7	411.8	415.5	416.7	415.5	411.8	405.7	399.8
-30°	350.5	357.4	363.0	367.4	370.6	372.5	373.1	372.5	370.6	367.4	363.0
-31.25°	318.0	324.5	329.8	334.0	337.0	338.8	339.5	338.8	337.0	334.0	329.8
-32.5°	288.0	293.4	297.8	301.3	303.8	305.3	305.8	305.3	303.8	301.3	297.8
-33.75°	259.6	264.8	269.0	272.3	274.7	276.1	276.6	276.1	274.7	272.3	269.0
-35°	235.4	239.0	242.0	244.4	246.1	247.1	247.4	247.1	246.1	244.4	242.0
-36.25°	214.3	217.8	220.7	222.9	224.5	225.5	225.8	225.5	224.5	222.9	220.7
-37.5°	193.2	196.6	199.3	201.4	203.0	203.9	204.2	203.9	203.0	201.4	199.3
-38.75°	172.0	175.2	177.9	179.9	181.4	182.3	182.6	182.3	181.4	179.9	177.9
-40°	153.1	155.5	157.4	158.9	160.0	160.7	160.9	160.7	160.0	158.9	157.4
-41.25°	136.6	138.9	140.8	142.2	143.3	143.9	144.1	143.9	143.3	142.2	140.8
-42.5°	120.5	122.6	124.3	125.6	126.5	127.1	127.3	127.1	126.5	125.6	124.3
-43.75°	104.8	106.8	108.4	109.7	110.6	111.1	111.3	111.1	110.6	109.7	108.4
-45°	91.7	92.8	93.7	94.4	94.9	95.2	95.3	95.2	94.9	94.4	93.7
-46.25°	82.7	83.7	84.6	85.2	85.7	86.0	86.1	86.0	85.7	85.2	84.6
-47.5°	75.8	76.1	76.4	76.6	76.8	76.9	76.9	76.9	76.8	76.6	76.4
-48.75°	72.6	72.9	73.2	73.4	73.6	73.7	73.7	73.7	73.6	73.4	73.2
-50°	70.0	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.4	70.4	70.3
-51.25°	68.4	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.8	68.8	68.7
-52.5°	66.8	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.2	67.2	67.1
-53.75°	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.6	65.6	65.5	65.4
-55°	63.5	63.6	63.8	63.9	63.9	64.0	64.0	64.0	63.9	63.9	63.8
-56.25°	61.5	61.6	61.8	61.9	61.9	62.0	62.0	62.0	61.9	61.9	61.8
-57.5°	59.6	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	59.9	59.8
-58.75°	58.0	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.3	58.2
-60°	56.3	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.7	56.7	56.6
-61.25°	53.9	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.3	54.3	54.2
-62.5°	51.4	51.6	51.7	51.9	51.9	52.0	52.0	52.0	51.9	51.9	51.7
-63.75°	48.7	48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.1	49.1	49.0
-65°	45.7	45.9	46.1	46.2	46.3	46.4	46.4	46.4	46.3	46.2	46.1
-66.25°	42.2	42.4	42.5	42.6	42.7	42.8	42.8	42.8	42.7	42.6	42.5
-67.5°	38.7	38.9	39.0	39.1	39.1	39.2	39.2	39.2	39.1	39.1	39.0
-68.75°	36.0	36.1	36.2	36.3	36.4	36.4	36.4	36.4	36.4	36.3	36.2
-70°	33.1	33.3	33.4	33.5	33.5	33.6	33.6	33.6	33.5	33.5	33.4
-71.25°	30.0	30.1	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.3	30.2
-72.5°	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.1
-73.75°	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.5
-75°	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	23.9
-76.25°	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.3
-77.5°	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
-80°	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5
-81.25°	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.5
-82.5°	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.5
-83.75°	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
-85°	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
-86.25°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-88.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
87.5°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
86.25°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
85°	8.7	8.7	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3
83.75°	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.7	10.6	10.6
82.5°	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.8
81.25°	15.5	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.0	14.9	14.9
80°	17.5	17.5	17.4	17.4	17.3	17.2	17.1	17.0	17.0	16.9	16.7
78.75°	19.1	19.1	19.0	19.0	18.9	18.9	18.8	18.7	18.6	18.5	18.4
77.5°	20.7	20.7	20.6	20.6	20.5	20.4	20.3	20.2	20.2	20.0	19.9
76.25°	22.3	22.2	22.2	22.1	22.1	22.0	21.9	21.8	21.7	21.6	21.4
75°	23.9	23.8	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.1	23.0
73.75°	25.5	25.4	25.4	25.3	25.2	25.1	25.0	24.9	24.7	24.6	24.5
72.5°	27.1	27.0	26.9	26.8	26.8	26.7	26.5	26.4	26.3	26.1	26.0
71.25°	30.1	30.0	29.8	29.6	29.4	29.2	29.0	28.7	28.4	28.1	27.8
70°	33.3	33.1	33.0	32.8	32.6	32.3	32.1	31.8	31.5	31.1	30.8
68.75°	36.1	36.0	35.8	35.6	35.4	35.2	35.0	34.7	34.4	34.1	33.8
67.5°	38.9	38.7	38.6	38.4	38.2	37.9	37.7	37.4	37.1	36.7	36.4
66.25°	42.4	42.2	42.0	41.7	41.4	41.1	40.7	40.3	39.9	39.5	39.0
65°	45.9	45.7	45.5	45.2	44.9	44.6	44.2	43.8	43.3	42.9	42.3
63.75°	48.8	48.7	48.5	48.2	48.0	47.7	47.4	47.1	46.7	46.3	45.7
62.5°	51.6	51.4	51.2	51.0	50.7	50.4	50.1	49.7	49.3	48.9	48.5
61.25°	54.0	53.9	53.7	53.5	53.2	53.0	52.7	52.4	52.0	51.6	51.1
60°	56.4	56.3	56.1	55.8	55.6	55.3	55.0	54.6	54.3	53.9	53.5
58.75°	58.1	58.0	57.9	57.7	57.5	57.3	57.1	56.9	56.6	56.1	55.7
57.5°	59.7	59.6	59.5	59.3	59.1	58.9	58.7	58.4	58.1	57.9	57.5
56.25°	61.6	61.5	61.3	61.1	60.8	60.6	60.3	59.9	59.7	59.4	59.0
55°	63.6	63.5	63.3	63.0	62.8	62.5	62.2	61.8	61.5	61.1	60.6
53.75°	65.3	65.2	65.0	64.8	64.6	64.3	64.1	63.7	63.3	62.9	62.5
52.5°	67.0	66.8	66.6	66.4	66.2	65.9	65.7	65.3	65.0	64.6	64.3
51.25°	68.6	68.4	68.2	68.0	67.8	67.5	67.2	66.9	66.6	66.2	65.8
50°	70.1	70.0	69.8	69.6	69.3	69.1	68.8	68.4	68.1	67.7	67.3
48.75°	72.9	72.6	72.2	71.8	71.2	70.7	70.3	69.9	69.6	69.2	68.8
47.5°	76.1	75.8	75.3	74.9	74.3	73.7	73.1	72.4	71.6	70.8	70.2
46.25°	83.7	82.7	81.4	80.0	78.4	76.8	76.1	75.4	74.6	73.7	72.8
45°	92.8	91.7	90.4	88.9	87.3	85.4	83.4	81.2	78.8	76.7	75.7
43.75°	106.8	104.8	102.4	99.8	96.7	94.2	92.1	89.8	87.3	84.6	81.8
42.5°	122.6	120.5	118.0	115.2	112.1	108.6	104.7	100.6	96.0	92.9	90.0
41.25°	138.9	136.6	134.0	130.9	127.4	123.8	119.8	115.4	110.7	105.7	100.3
40°	155.5	153.1	150.3	147.1	143.5	139.5	135.1	130.3	125.3	120.1	114.5
38.75°	175.2	172.0	168.3	164.0	159.5	155.4	150.8	145.8	140.5	134.8	128.7
37.5°	196.6	193.2	189.3	184.8	179.7	174.1	168.0	161.3	155.7	149.7	143.4
36.25°	217.8	214.3	210.3	205.6	200.3	194.4	188.0	181.1	173.6	165.7	158.0
35°	239.0	235.4	231.1	226.2	220.7	214.7	208.0	200.8	193.0	184.7	175.9



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	264.8	259.6	253.6	246.9	241.1	234.8	227.8	220.3	212.2	203.6	194.5
32.5°	293.4	288.0	281.7	274.5	266.3	257.4	247.6	239.7	231.3	222.3	212.8
31.25°	324.5	318.0	310.3	302.2	293.7	284.3	274.1	263.0	251.2	240.9	231.0
30°	357.4	350.5	342.5	333.4	323.2	311.9	300.4	288.8	276.5	263.4	249.5
28.75°	392.9	384.6	374.9	365.1	354.3	342.5	329.7	315.8	301.6	287.9	273.5
27.5°	446.7	432.8	416.5	400.3	387.3	373.0	359.5	345.0	329.6	313.2	297.2
26.25°	548.1	520.8	491.0	457.2	434.1	410.1	391.7	374.1	357.9	340.8	322.8
25°	689.9	650.5	609.3	562.5	517.5	473.9	438.2	409.0	387.8	368.0	349.3
23.75°	848.6	803.9	753.7	698.1	638.2	578.0	519.5	466.4	428.7	398.2	375.6
22.5°	1008.0	963.0	910.3	848.0	779.1	707.8	633.5	560.4	496.8	443.0	405.6
21.25°	1153.6	1110.0	1059.4	997.9	928.4	849.4	764.7	678.6	594.9	517.2	451.6
20°	1263.5	1230.4	1188.8	1134.7	1067.7	989.8	903.3	807.5	710.8	615.8	527.5
18.75°	1330.7	1308.6	1280.5	1243.4	1188.5	1118.0	1034.5	938.8	834.1	727.0	622.8
17.5°	1391.3	1367.9	1342.0	1312.5	1275.6	1222.5	1152.1	1060.5	956.3	843.0	727.0
16.25°	1453.0	1428.0	1399.2	1367.0	1333.3	1293.7	1243.3	1168.7	1068.8	956.3	834.1
15°	1514.2	1487.3	1456.5	1422.2	1384.8	1345.6	1302.9	1250.3	1168.7	1060.5	938.8
13.75°	1572.4	1544.8	1512.6	1476.0	1436.3	1393.8	1349.8	1302.9	1243.3	1152.1	1034.5
12.5°	1637.8	1602.9	1565.4	1528.1	1486.0	1441.1	1393.8	1345.6	1293.7	1222.5	1118.0
11.25°	1705.9	1666.1	1622.2	1575.9	1533.1	1486.0	1436.3	1384.8	1333.3	1275.6	1188.5
10°	1771.9	1729.2	1680.6	1628.7	1575.9	1528.1	1476.0	1422.2	1367.0	1312.5	1243.4
8.75°	1830.2	1787.5	1737.1	1680.6	1622.2	1565.4	1512.6	1456.5	1399.2	1342.0	1280.5
7.5°	1879.8	1837.8	1787.5	1729.2	1666.1	1602.9	1544.8	1487.3	1428.0	1367.9	1308.6
6.25°	1920.2	1879.8	1830.2	1771.9	1705.9	1637.8	1572.4	1514.2	1453.0	1391.3	1330.7
5°	1952.8	1913.2	1865.1	1806.9	1740.4	1668.9	1599.0	1536.4	1474.1	1410.9	1348.2
3.75°	1974.4	1937.8	1890.4	1833.6	1767.6	1693.9	1620.7	1553.7	1490.8	1426.4	1362.0
2.5°	1988.7	1955.6	1909.1	1852.8	1786.6	1712.5	1636.7	1566.2	1502.9	1437.6	1372.3
1.25°	1996.1	1964.8	1919.8	1864.6	1798.3	1723.9	1646.9	1573.8	1510.3	1444.4	1378.6
0°	1998.7	1967.9	1923.3	1868.6	1802.2	1727.8	1650.3	1576.4	1512.8	1446.7	1380.7
-1.25°	1996.1	1964.8	1919.8	1864.6	1798.3	1723.9	1646.9	1573.8	1510.3	1444.4	1378.6
-2.5°	1988.7	1955.6	1909.1	1852.8	1786.6	1712.5	1636.7	1566.2	1502.9	1437.6	1372.3
-3.75°	1974.4	1937.8	1890.4	1833.6	1767.6	1693.9	1620.7	1553.7	1490.8	1426.4	1362.0
-5°	1952.8	1913.2	1865.1	1806.9	1740.4	1668.9	1599.0	1536.4	1474.1	1410.9	1348.2
-6.25°	1920.2	1879.8	1830.2	1771.9	1705.9	1637.8	1572.4	1514.2	1453.0	1391.3	1330.7
-7.5°	1879.8	1837.8	1787.5	1729.2	1666.1	1602.9	1544.8	1487.3	1428.0	1367.9	1308.6
-8.75°	1830.2	1787.5	1737.1	1680.6	1622.2	1565.4	1512.6	1456.5	1399.2	1342.0	1280.5
-10°	1771.9	1729.2	1680.6	1628.7	1575.9	1528.1	1476.0	1422.2	1367.0	1312.5	1243.4
-11.25°	1705.9	1666.1	1622.2	1575.9	1533.1	1486.0	1436.3	1384.8	1333.3	1275.6	1188.5
-12.5°	1637.8	1602.9	1565.4	1528.1	1486.0	1441.1	1393.8	1345.6	1293.7	1222.5	1118.0
-13.75°	1572.4	1544.8	1512.6	1476.0	1436.3	1393.8	1349.8	1302.9	1243.3	1152.1	1034.5
-15°	1514.2	1487.3	1456.5	1422.2	1384.8	1345.6	1302.9	1250.3	1168.7	1060.5	938.8
-16.25°	1453.0	1428.0	1399.2	1367.0	1333.3	1293.7	1243.3	1168.7	1068.8	956.3	834.1
-17.5°	1391.3	1367.9	1342.0	1312.5	1275.6	1222.5	1152.1	1060.5	956.3	843.0	727.0
-18.75°	1330.7	1308.6	1280.5	1243.4	1188.5	1118.0	1034.5	938.8	834.1	727.0	622.8
-20°	1263.5	1230.4	1188.8	1134.7	1067.7	989.8	903.3	807.5	710.8	615.8	527.5
-21.25°	1153.6	1110.0	1059.4	997.9	928.4	849.4	764.7	678.6	594.9	517.2	451.6



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

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1008.0	963.0	910.3	848.0	779.1	707.8	633.5	560.4	496.8	443.0	405.6
-23.75°	848.6	803.9	753.7	698.1	638.2	578.0	519.5	466.4	428.7	398.2	375.6
-25°	689.9	650.5	609.3	562.5	517.5	473.9	438.2	409.0	387.8	368.0	349.3
-26.25°	548.1	520.8	491.0	457.2	434.1	410.1	391.7	374.1	357.9	340.8	322.8
-27.5°	446.7	432.8	416.5	400.3	387.3	373.0	359.5	345.0	329.6	313.2	297.2
-28.75°	392.9	384.6	374.9	365.1	354.3	342.5	329.7	315.8	301.6	287.9	273.5
-30°	357.4	350.5	342.5	333.4	323.2	311.9	300.4	288.8	276.5	263.4	249.5
-31.25°	324.5	318.0	310.3	302.2	293.7	284.3	274.1	263.0	251.2	240.9	231.0
-32.5°	293.4	288.0	281.7	274.5	266.3	257.4	247.6	239.7	231.3	222.3	212.8
-33.75°	264.8	259.6	253.6	246.9	241.1	234.8	227.8	220.3	212.2	203.6	194.5
-35°	239.0	235.4	231.1	226.2	220.7	214.7	208.0	200.8	193.0	184.7	175.9
-36.25°	217.8	214.3	210.3	205.6	200.3	194.4	188.0	181.1	173.6	165.7	158.0
-37.5°	196.6	193.2	189.3	184.8	179.7	174.1	168.0	161.3	155.7	149.7	143.4
-38.75°	175.2	172.0	168.3	164.0	159.5	155.4	150.8	145.8	140.5	134.8	128.7
-40°	155.5	153.1	150.3	147.1	143.5	139.5	135.1	130.3	125.3	120.1	114.5
-41.25°	138.9	136.6	134.0	130.9	127.4	123.8	119.8	115.4	110.7	105.7	100.3
-42.5°	122.6	120.5	118.0	115.2	112.1	108.6	104.7	100.6	96.0	92.9	90.0
-43.75°	106.8	104.8	102.4	99.8	96.7	94.2	92.1	89.8	87.3	84.6	81.8
-45°	92.8	91.7	90.4	88.9	87.3	85.4	83.4	81.2	78.8	76.7	75.7
-46.25°	83.7	82.7	81.4	80.0	78.4	76.8	76.1	75.4	74.6	73.7	72.8
-47.5°	76.1	75.8	75.3	74.9	74.3	73.7	73.1	72.4	71.6	70.8	70.2
-48.75°	72.9	72.6	72.2	71.8	71.2	70.7	70.3	69.9	69.6	69.2	68.8
-50°	70.1	70.0	69.8	69.6	69.3	69.1	68.8	68.4	68.1	67.7	67.3
-51.25°	68.6	68.4	68.2	68.0	67.8	67.5	67.2	66.9	66.6	66.2	65.8
-52.5°	67.0	66.8	66.6	66.4	66.2	65.9	65.7	65.3	65.0	64.6	64.3
-53.75°	65.3	65.2	65.0	64.8	64.6	64.3	64.1	63.7	63.3	62.9	62.5
-55°	63.6	63.5	63.3	63.0	62.8	62.5	62.2	61.8	61.5	61.1	60.6
-56.25°	61.6	61.5	61.3	61.1	60.8	60.6	60.3	59.9	59.7	59.4	59.0
-57.5°	59.7	59.6	59.5	59.3	59.1	58.9	58.7	58.4	58.1	57.9	57.5
-58.75°	58.1	58.0	57.9	57.7	57.5	57.3	57.1	56.9	56.6	56.1	55.7
-60°	56.4	56.3	56.1	55.8	55.6	55.3	55.0	54.6	54.3	53.9	53.5
-61.25°	54.0	53.9	53.7	53.5	53.2	53.0	52.7	52.4	52.0	51.6	51.1
-62.5°	51.6	51.4	51.2	51.0	50.7	50.4	50.1	49.7	49.3	48.9	48.5
-63.75°	48.8	48.7	48.5	48.2	48.0	47.7	47.4	47.1	46.7	46.3	45.7
-65°	45.9	45.7	45.5	45.2	44.9	44.6	44.2	43.8	43.3	42.9	42.3
-66.25°	42.4	42.2	42.0	41.7	41.4	41.1	40.7	40.3	39.9	39.5	39.0
-67.5°	38.9	38.7	38.6	38.4	38.2	37.9	37.7	37.4	37.1	36.7	36.4
-68.75°	36.1	36.0	35.8	35.6	35.4	35.2	35.0	34.7	34.4	34.1	33.8
-70°	33.3	33.1	33.0	32.8	32.6	32.3	32.1	31.8	31.5	31.1	30.8
-71.25°	30.1	30.0	29.8	29.6	29.4	29.2	29.0	28.7	28.4	28.1	27.8
-72.5°	27.1	27.0	26.9	26.8	26.8	26.7	26.5	26.4	26.3	26.1	26.0
-73.75°	25.5	25.4	25.4	25.3	25.2	25.1	25.0	24.9	24.7	24.6	24.5
-75°	23.9	23.8	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.1	23.0
-76.25°	22.3	22.2	22.2	22.1	22.1	22.0	21.9	21.8	21.7	21.6	21.4
-77.5°	20.7	20.7	20.6	20.6	20.5	20.4	20.3	20.2	20.2	20.0	19.9



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	19.1	19.1	19.0	19.0	18.9	18.9	18.8	18.7	18.6	18.5	18.4
-80°	17.5	17.5	17.4	17.4	17.3	17.2	17.1	17.0	17.0	16.9	16.7
-81.25°	15.5	15.5	15.4	15.4	15.3	15.3	15.2	15.1	15.0	14.9	14.9
-82.5°	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.0	12.9	12.8
-83.75°	11.1	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.7	10.6	10.6
-85°	8.7	8.7	8.7	8.7	8.6	8.6	8.5	8.5	8.4	8.4	8.3
-86.25°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
-87.5°	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
-88.75°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
87.5°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
86.25°	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3
85°	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3
83.75°	10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.6	9.5	9.3
82.5°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.3
81.25°	14.7	14.6	14.5	14.4	14.3	14.1	14.0	13.9	13.7	13.5	13.4
80°	16.6	16.5	16.4	16.2	16.1	15.9	15.8	15.6	15.4	15.3	15.1
78.75°	18.3	18.2	18.1	18.0	17.8	17.7	17.5	17.4	17.2	17.0	16.8
77.5°	19.8	19.7	19.6	19.4	19.3	19.1	19.0	18.8	18.6	18.4	18.3
76.25°	21.3	21.2	21.0	20.9	20.7	20.6	20.4	20.2	20.0	19.8	19.6
75°	22.8	22.7	22.5	22.3	22.2	22.0	21.8	21.6	21.4	21.2	20.9
73.75°	24.3	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8	22.5	22.3
72.5°	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4	24.1	23.9	23.6
71.25°	27.4	27.1	26.9	26.7	26.5	26.2	26.0	25.8	25.5	25.2	24.9
70°	30.4	30.0	29.6	29.1	28.6	28.1	27.6	27.1	26.9	26.6	26.3
68.75°	33.4	32.9	32.5	32.0	31.5	31.0	30.4	29.8	29.2	28.6	28.0
67.5°	36.0	35.6	35.2	34.7	34.3	33.8	33.2	32.6	31.9	31.3	30.6
66.25°	38.6	38.2	37.7	37.3	36.8	36.2	35.7	35.1	34.5	33.9	33.2
65°	41.8	41.2	40.6	39.9	39.3	38.7	38.1	37.5	36.9	36.2	35.6
63.75°	45.1	44.5	43.9	43.2	42.5	41.7	40.9	40.1	39.3	38.6	37.9
62.5°	48.0	47.5	47.0	46.4	45.6	44.9	44.0	43.2	42.3	41.4	40.4
61.25°	50.6	50.1	49.5	48.9	48.3	47.6	47.0	46.2	45.3	44.3	43.3
60°	53.0	52.5	52.0	51.4	50.8	50.1	49.4	48.6	47.9	47.1	46.2
58.75°	55.2	54.7	54.2	53.6	53.0	52.4	51.8	51.0	50.2	49.4	48.5
57.5°	57.2	56.9	56.3	55.8	55.2	54.5	53.8	53.2	52.4	51.7	50.8
56.25°	58.7	58.3	57.9	57.5	57.1	56.6	55.9	55.2	54.4	53.6	52.8
55°	60.2	59.8	59.4	58.9	58.5	58.0	57.5	57.0	56.4	55.6	54.7
53.75°	62.0	61.5	61.0	60.4	59.9	59.4	58.9	58.4	57.8	57.3	56.6
52.5°	63.8	63.3	62.8	62.2	61.6	60.9	60.3	59.7	59.1	58.5	57.9
51.25°	65.4	64.9	64.4	63.9	63.3	62.6	62.0	61.3	60.5	59.8	59.2
50°	66.8	66.4	65.9	65.4	64.8	64.3	63.6	62.9	62.1	61.3	60.5
48.75°	68.3	67.8	67.3	66.8	66.2	65.7	65.0	64.4	63.7	62.9	62.1
47.5°	69.7	69.3	68.7	68.2	67.6	67.0	66.4	65.7	65.1	64.4	63.6
46.25°	71.8	70.8	70.1	69.6	69.0	68.4	67.7	67.1	66.4	65.6	64.9
45°	74.7	73.6	72.5	71.4	70.3	69.7	69.0	68.3	67.6	66.9	66.1
43.75°	78.7	76.4	75.3	74.1	72.8	71.5	70.3	69.6	68.9	68.1	67.3
42.5°	86.9	83.6	80.1	76.8	75.4	74.1	72.7	71.2	70.1	69.3	68.5
41.25°	94.9	91.5	87.9	84.2	80.2	76.6	75.2	73.7	72.1	70.5	69.7
40°	108.6	102.4	95.9	91.8	87.7	83.5	79.1	76.1	74.5	72.8	71.1
38.75°	122.5	116.1	109.3	102.3	95.1	90.8	86.2	81.6	76.9	75.1	73.4
37.5°	136.7	129.7	122.6	115.3	107.8	99.9	93.3	88.5	83.5	78.4	75.6
36.25°	151.1	143.8	136.2	128.3	120.4	112.3	103.9	95.3	90.1	84.9	79.5
35°	166.6	157.8	149.9	141.7	133.2	124.5	115.8	106.9	97.7	91.3	85.7



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	184.8	174.7	164.2	154.9	146.1	137.0	127.6	118.3	108.9	99.2	91.8
32.5°	202.9	192.4	181.5	170.1	158.9	149.5	139.7	129.8	119.9	109.9	99.7
31.25°	220.6	209.8	198.5	186.7	174.6	162.0	151.7	141.4	130.8	120.4	109.9
30°	238.2	227.0	215.3	203.1	190.5	177.5	164.2	152.8	142.0	130.8	119.9
28.75°	258.4	243.9	231.8	219.2	206.2	192.8	179.0	164.9	152.8	141.4	129.8
27.5°	281.5	265.2	248.2	235.0	221.6	207.8	193.6	179.0	164.2	151.7	139.7
26.25°	304.3	287.3	269.7	251.5	236.6	222.4	207.8	192.8	177.5	162.0	149.5
25°	329.8	309.5	290.8	272.0	252.6	236.6	221.6	206.2	190.5	174.6	158.9
23.75°	355.0	334.0	312.3	292.0	272.0	251.5	235.0	219.2	203.1	186.7	170.1
22.5°	380.8	357.9	335.4	312.3	290.8	269.7	248.2	231.8	215.3	198.5	181.5
21.25°	411.3	382.5	357.9	334.0	309.5	287.3	265.2	243.9	227.0	209.8	192.4
20°	454.8	411.3	380.8	355.0	329.8	304.3	281.5	258.4	238.2	220.6	202.9
18.75°	527.5	451.6	405.6	375.6	349.3	322.8	297.2	273.5	249.5	231.0	212.8
17.5°	615.8	517.2	443.0	398.2	368.0	340.8	313.2	287.9	263.4	240.9	222.3
16.25°	710.8	594.9	496.8	428.7	387.8	357.9	329.6	301.6	276.5	251.2	231.3
15°	807.5	678.6	560.4	466.4	409.0	374.1	345.0	315.8	288.8	263.0	239.7
13.75°	903.3	764.7	633.5	519.5	438.2	391.7	359.5	329.7	300.4	274.1	247.6
12.5°	989.8	849.4	707.8	578.0	473.9	410.1	373.0	342.5	311.9	284.3	257.4
11.25°	1067.7	928.4	779.1	638.2	517.5	434.1	387.3	354.3	323.2	293.7	266.3
10°	1134.7	997.9	848.0	698.1	562.5	457.2	400.3	365.1	333.4	302.2	274.5
8.75°	1188.8	1059.4	910.3	753.7	609.3	491.0	416.5	374.9	342.5	310.3	281.7
7.5°	1230.4	1110.0	963.0	803.9	650.5	520.8	432.8	384.6	350.5	318.0	288.0
6.25°	1263.5	1153.6	1008.0	848.6	689.9	548.1	446.7	392.9	357.4	324.5	293.4
5°	1282.5	1184.6	1045.3	885.5	722.8	575.8	461.3	399.8	363.0	329.8	297.8
3.75°	1297.5	1206.7	1072.4	914.6	748.7	597.5	476.9	405.7	367.4	334.0	301.3
2.5°	1308.3	1222.7	1091.7	934.7	767.3	613.1	488.2	411.8	370.6	337.0	303.8
1.25°	1314.8	1232.3	1103.4	946.7	778.5	622.5	494.9	415.5	372.5	338.8	305.3
0°	1317.0	1235.6	1107.3	950.7	782.2	625.7	497.2	416.7	373.1	339.5	305.8
-1.25°	1314.8	1232.3	1103.4	946.7	778.5	622.5	494.9	415.5	372.5	338.8	305.3
-2.5°	1308.3	1222.7	1091.7	934.7	767.3	613.1	488.2	411.8	370.6	337.0	303.8
-3.75°	1297.5	1206.7	1072.4	914.6	748.7	597.5	476.9	405.7	367.4	334.0	301.3
-5°	1282.5	1184.6	1045.3	885.5	722.8	575.8	461.3	399.8	363.0	329.8	297.8
-6.25°	1263.5	1153.6	1008.0	848.6	689.9	548.1	446.7	392.9	357.4	324.5	293.4
-7.5°	1230.4	1110.0	963.0	803.9	650.5	520.8	432.8	384.6	350.5	318.0	288.0
-8.75°	1188.8	1059.4	910.3	753.7	609.3	491.0	416.5	374.9	342.5	310.3	281.7
-10°	1134.7	997.9	848.0	698.1	562.5	457.2	400.3	365.1	333.4	302.2	274.5
-11.25°	1067.7	928.4	779.1	638.2	517.5	434.1	387.3	354.3	323.2	293.7	266.3
-12.5°	989.8	849.4	707.8	578.0	473.9	410.1	373.0	342.5	311.9	284.3	257.4
-13.75°	903.3	764.7	633.5	519.5	438.2	391.7	359.5	329.7	300.4	274.1	247.6
-15°	807.5	678.6	560.4	466.4	409.0	374.1	345.0	315.8	288.8	263.0	239.7
-16.25°	710.8	594.9	496.8	428.7	387.8	357.9	329.6	301.6	276.5	251.2	231.3
-17.5°	615.8	517.2	443.0	398.2	368.0	340.8	313.2	287.9	263.4	240.9	222.3
-18.75°	527.5	451.6	405.6	375.6	349.3	322.8	297.2	273.5	249.5	231.0	212.8
-20°	454.8	411.3	380.8	355.0	329.8	304.3	281.5	258.4	238.2	220.6	202.9
-21.25°	411.3	382.5	357.9	334.0	309.5	287.3	265.2	243.9	227.0	209.8	192.4



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	380.8	357.9	335.4	312.3	290.8	269.7	248.2	231.8	215.3	198.5	181.5
-23.75°	355.0	334.0	312.3	292.0	272.0	251.5	235.0	219.2	203.1	186.7	170.1
-25°	329.8	309.5	290.8	272.0	252.6	236.6	221.6	206.2	190.5	174.6	158.9
-26.25°	304.3	287.3	269.7	251.5	236.6	222.4	207.8	192.8	177.5	162.0	149.5
-27.5°	281.5	265.2	248.2	235.0	221.6	207.8	193.6	179.0	164.2	151.7	139.7
-28.75°	258.4	243.9	231.8	219.2	206.2	192.8	179.0	164.9	152.8	141.4	129.8
-30°	238.2	227.0	215.3	203.1	190.5	177.5	164.2	152.8	142.0	130.8	119.9
-31.25°	220.6	209.8	198.5	186.7	174.6	162.0	151.7	141.4	130.8	120.4	109.9
-32.5°	202.9	192.4	181.5	170.1	158.9	149.5	139.7	129.8	119.9	109.9	99.7
-33.75°	184.8	174.7	164.2	154.9	146.1	137.0	127.6	118.3	108.9	99.2	91.8
-35°	166.6	157.8	149.9	141.7	133.2	124.5	115.8	106.9	97.7	91.3	85.7
-36.25°	151.1	143.8	136.2	128.3	120.4	112.3	103.9	95.3	90.1	84.9	79.5
-37.5°	136.7	129.7	122.6	115.3	107.8	99.9	93.3	88.5	83.5	78.4	75.6
-38.75°	122.5	116.1	109.3	102.3	95.1	90.8	86.2	81.6	76.9	75.1	73.4
-40°	108.6	102.4	95.9	91.8	87.7	83.5	79.1	76.1	74.5	72.8	71.1
-41.25°	94.9	91.5	87.9	84.2	80.2	76.6	75.2	73.7	72.1	70.5	69.7
-42.5°	86.9	83.6	80.1	76.8	75.4	74.1	72.7	71.2	70.1	69.3	68.5
-43.75°	78.7	76.4	75.3	74.1	72.8	71.5	70.3	69.6	68.9	68.1	67.3
-45°	74.7	73.6	72.5	71.4	70.3	69.7	69.0	68.3	67.6	66.9	66.1
-46.25°	71.8	70.8	70.1	69.6	69.0	68.4	67.7	67.1	66.4	65.6	64.9
-47.5°	69.7	69.3	68.7	68.2	67.6	67.0	66.4	65.7	65.1	64.4	63.6
-48.75°	68.3	67.8	67.3	66.8	66.2	65.7	65.0	64.4	63.7	62.9	62.1
-50°	66.8	66.4	65.9	65.4	64.8	64.3	63.6	62.9	62.1	61.3	60.5
-51.25°	65.4	64.9	64.4	63.9	63.3	62.6	62.0	61.3	60.5	59.8	59.2
-52.5°	63.8	63.3	62.8	62.2	61.6	60.9	60.3	59.7	59.1	58.5	57.9
-53.75°	62.0	61.5	61.0	60.4	59.9	59.4	58.9	58.4	57.8	57.3	56.6
-55°	60.2	59.8	59.4	58.9	58.5	58.0	57.5	57.0	56.4	55.6	54.7
-56.25°	58.7	58.3	57.9	57.5	57.1	56.6	55.9	55.2	54.4	53.6	52.8
-57.5°	57.2	56.9	56.3	55.8	55.2	54.5	53.8	53.2	52.4	51.7	50.8
-58.75°	55.2	54.7	54.2	53.6	53.0	52.4	51.8	51.0	50.2	49.4	48.5
-60°	53.0	52.5	52.0	51.4	50.8	50.1	49.4	48.6	47.9	47.1	46.2
-61.25°	50.6	50.1	49.5	48.9	48.3	47.6	47.0	46.2	45.3	44.3	43.3
-62.5°	48.0	47.5	47.0	46.4	45.6	44.9	44.0	43.2	42.3	41.4	40.4
-63.75°	45.1	44.5	43.9	43.2	42.5	41.7	40.9	40.1	39.3	38.6	37.9
-65°	41.8	41.2	40.6	39.9	39.3	38.7	38.1	37.5	36.9	36.2	35.6
-66.25°	38.6	38.2	37.7	37.3	36.8	36.2	35.7	35.1	34.5	33.9	33.2
-67.5°	36.0	35.6	35.2	34.7	34.3	33.8	33.2	32.6	31.9	31.3	30.6
-68.75°	33.4	32.9	32.5	32.0	31.5	31.0	30.4	29.8	29.2	28.6	28.0
-70°	30.4	30.0	29.6	29.1	28.6	28.1	27.6	27.1	26.9	26.6	26.3
-71.25°	27.4	27.1	26.9	26.7	26.5	26.2	26.0	25.8	25.5	25.2	24.9
-72.5°	25.8	25.6	25.4	25.2	25.0	24.8	24.6	24.4	24.1	23.9	23.6
-73.75°	24.3	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.8	22.5	22.3
-75°	22.8	22.7	22.5	22.3	22.2	22.0	21.8	21.6	21.4	21.2	20.9
-76.25°	21.3	21.2	21.0	20.9	20.7	20.6	20.4	20.2	20.0	19.8	19.6
-77.5°	19.8	19.7	19.6	19.4	19.3	19.1	19.0	18.8	18.6	18.4	18.3



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	18.3	18.2	18.1	18.0	17.8	17.7	17.5	17.4	17.2	17.0	16.8
-80°	16.6	16.5	16.4	16.2	16.1	15.9	15.8	15.6	15.4	15.3	15.1
-81.25°	14.7	14.6	14.5	14.4	14.3	14.1	14.0	13.9	13.7	13.5	13.4
-82.5°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.3
-83.75°	10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.6	9.5	9.3
-85°	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3
-86.25°	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3
-87.5°	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.5	3.4	3.4
-88.75°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
87.5°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
86.25°	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
85°	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8
83.75°	9.2	9.0	8.9	8.7	8.6	8.4	8.2	8.0	7.9	7.7	7.5
82.5°	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.1
81.25°	13.2	12.9	12.7	12.5	12.3	12.0	11.8	11.6	11.3	11.1	10.8
80°	14.9	14.7	14.5	14.3	14.1	13.8	13.6	13.3	13.0	12.7	12.4
78.75°	16.5	16.3	16.1	15.8	15.6	15.4	15.1	14.8	14.6	14.3	14.0
77.5°	18.1	17.9	17.7	17.4	17.1	16.9	16.6	16.3	16.0	15.7	15.4
76.25°	19.4	19.2	18.9	18.7	18.5	18.2	18.0	17.7	17.4	17.1	16.7
75°	20.7	20.5	20.2	20.0	19.7	19.4	19.2	18.9	18.6	18.3	18.0
73.75°	22.0	21.8	21.5	21.2	20.9	20.6	20.3	20.0	19.7	19.4	19.1
72.5°	23.3	23.1	22.8	22.5	22.2	21.8	21.5	21.2	20.9	20.5	20.2
71.25°	24.6	24.3	24.0	23.7	23.4	23.0	22.7	22.3	22.0	21.6	21.2
70°	25.9	25.6	25.3	25.0	24.6	24.2	23.9	23.5	23.1	22.7	22.3
68.75°	27.3	26.9	26.6	26.2	25.8	25.4	25.0	24.6	24.2	23.8	23.4
67.5°	29.9	29.2	28.4	27.6	27.0	26.6	26.2	25.8	25.3	24.9	24.4
66.25°	32.5	31.7	30.9	30.1	29.3	28.4	27.5	26.9	26.4	26.0	25.5
65°	34.9	34.2	33.4	32.6	31.7	30.8	29.8	28.9	27.9	27.1	26.6
63.75°	37.1	36.4	35.6	34.8	34.0	33.1	32.1	31.1	30.1	29.1	28.0
62.5°	39.4	38.6	37.8	36.9	36.1	35.2	34.3	33.4	32.3	31.2	30.1
61.25°	42.3	41.2	40.1	39.0	38.2	37.2	36.3	35.3	34.3	33.3	32.1
60°	45.1	44.0	42.9	41.7	40.5	39.3	38.3	37.3	36.2	35.2	34.1
58.75°	47.6	46.7	45.6	44.4	43.1	41.8	40.5	39.2	38.1	37.0	35.9
57.5°	49.8	48.9	47.9	46.9	45.7	44.4	43.0	41.6	40.2	38.8	37.7
56.25°	52.0	51.0	50.0	49.0	47.9	46.8	45.5	44.0	42.5	41.0	39.5
55°	53.9	53.0	52.1	51.0	49.9	48.8	47.6	46.4	44.9	43.3	41.7
53.75°	55.7	54.8	53.9	52.9	51.9	50.7	49.5	48.3	47.0	45.6	43.9
52.5°	57.3	56.6	55.7	54.6	53.6	52.6	51.4	50.1	48.8	47.5	46.1
51.25°	58.5	57.9	57.2	56.4	55.3	54.2	53.1	52.0	50.6	49.2	47.9
50°	59.8	59.1	58.4	57.6	56.9	55.8	54.7	53.5	52.3	51.0	49.5
48.75°	61.2	60.3	59.5	58.8	58.0	57.2	56.3	55.0	53.8	52.6	51.2
47.5°	62.7	61.8	60.8	59.9	59.1	58.3	57.5	56.6	55.3	54.0	52.7
46.25°	64.1	63.2	62.2	61.2	60.2	59.3	58.5	57.6	56.7	55.4	54.0
45°	65.3	64.5	63.6	62.6	61.5	60.5	59.5	58.6	57.7	56.8	55.4
43.75°	66.5	65.7	64.8	63.9	62.9	61.8	60.6	59.6	58.7	57.7	56.7
42.5°	67.7	66.8	66.0	65.1	64.1	63.0	61.9	60.7	59.6	58.6	57.6
41.25°	68.8	68.0	67.1	66.1	65.2	64.2	63.1	61.9	60.6	59.5	58.5
40°	69.9	69.0	68.1	67.2	66.2	65.2	64.2	63.0	61.8	60.5	59.3
38.75°	71.6	70.1	69.2	68.2	67.2	66.2	65.2	64.1	62.9	61.5	60.2
37.5°	73.8	71.9	70.2	69.2	68.2	67.2	66.1	65.1	63.9	62.6	61.2
36.25°	75.9	73.9	72.0	70.2	69.2	68.1	67.1	66.0	64.8	63.6	62.2
35°	80.1	76.0	73.9	71.9	70.1	69.0	68.0	66.8	65.7	64.5	63.2



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	86.0	80.1	75.9	73.8	71.6	69.9	68.8	67.7	66.5	65.3	64.1
32.5°	91.8	85.7	79.5	75.6	73.4	71.1	69.7	68.5	67.3	66.1	64.9
31.25°	99.2	91.3	84.9	78.4	75.1	72.8	70.5	69.3	68.1	66.9	65.6
30°	108.9	97.7	90.1	83.5	76.9	74.5	72.1	70.1	68.9	67.6	66.4
28.75°	118.3	106.9	95.3	88.5	81.6	76.1	73.7	71.2	69.6	68.3	67.1
27.5°	127.6	115.8	103.9	93.3	86.2	79.1	75.2	72.7	70.3	69.0	67.7
26.25°	137.0	124.5	112.3	99.9	90.8	83.5	76.6	74.1	71.5	69.7	68.4
25°	146.1	133.2	120.4	107.8	95.1	87.7	80.2	75.4	72.8	70.3	69.0
23.75°	154.9	141.7	128.3	115.3	102.3	91.8	84.2	76.8	74.1	71.4	69.6
22.5°	164.2	149.9	136.2	122.6	109.3	95.9	87.9	80.1	75.3	72.5	70.1
21.25°	174.7	157.8	143.8	129.7	116.1	102.4	91.5	83.6	76.4	73.6	70.8
20°	184.8	166.6	151.1	136.7	122.5	108.6	94.9	86.9	78.7	74.7	71.8
18.75°	194.5	175.9	158.0	143.4	128.7	114.5	100.3	90.0	81.8	75.7	72.8
17.5°	203.6	184.7	165.7	149.7	134.8	120.1	105.7	92.9	84.6	76.7	73.7
16.25°	212.2	193.0	173.6	155.7	140.5	125.3	110.7	96.0	87.3	78.8	74.6
15°	220.3	200.8	181.1	161.3	145.8	130.3	115.4	100.6	89.8	81.2	75.4
13.75°	227.8	208.0	188.0	168.0	150.8	135.1	119.8	104.7	92.1	83.4	76.1
12.5°	234.8	214.7	194.4	174.1	155.4	139.5	123.8	108.6	94.2	85.4	76.8
11.25°	241.1	220.7	200.3	179.7	159.5	143.5	127.4	112.1	96.7	87.3	78.4
10°	246.9	226.2	205.6	184.8	164.0	147.1	130.9	115.2	99.8	88.9	80.0
8.75°	253.6	231.1	210.3	189.3	168.3	150.3	134.0	118.0	102.4	90.4	81.4
7.5°	259.6	235.4	214.3	193.2	172.0	153.1	136.6	120.5	104.8	91.7	82.7
6.25°	264.8	239.0	217.8	196.6	175.2	155.5	138.9	122.6	106.8	92.8	83.7
5°	269.0	242.0	220.7	199.3	177.9	157.4	140.8	124.3	108.4	93.7	84.6
3.75°	272.3	244.4	222.9	201.4	179.9	158.9	142.2	125.6	109.7	94.4	85.2
2.5°	274.7	246.1	224.5	203.0	181.4	160.0	143.3	126.5	110.6	94.9	85.7
1.25°	276.1	247.1	225.5	203.9	182.3	160.7	143.9	127.1	111.1	95.2	86.0
0°	276.6	247.4	225.8	204.2	182.6	160.9	144.1	127.3	111.3	95.3	86.1
-1.25°	276.1	247.1	225.5	203.9	182.3	160.7	143.9	127.1	111.1	95.2	86.0
-2.5°	274.7	246.1	224.5	203.0	181.4	160.0	143.3	126.5	110.6	94.9	85.7
-3.75°	272.3	244.4	222.9	201.4	179.9	158.9	142.2	125.6	109.7	94.4	85.2
-5°	269.0	242.0	220.7	199.3	177.9	157.4	140.8	124.3	108.4	93.7	84.6
-6.25°	264.8	239.0	217.8	196.6	175.2	155.5	138.9	122.6	106.8	92.8	83.7
-7.5°	259.6	235.4	214.3	193.2	172.0	153.1	136.6	120.5	104.8	91.7	82.7
-8.75°	253.6	231.1	210.3	189.3	168.3	150.3	134.0	118.0	102.4	90.4	81.4
-10°	246.9	226.2	205.6	184.8	164.0	147.1	130.9	115.2	99.8	88.9	80.0
-11.25°	241.1	220.7	200.3	179.7	159.5	143.5	127.4	112.1	96.7	87.3	78.4
-12.5°	234.8	214.7	194.4	174.1	155.4	139.5	123.8	108.6	94.2	85.4	76.8
-13.75°	227.8	208.0	188.0	168.0	150.8	135.1	119.8	104.7	92.1	83.4	76.1
-15°	220.3	200.8	181.1	161.3	145.8	130.3	115.4	100.6	89.8	81.2	75.4
-16.25°	212.2	193.0	173.6	155.7	140.5	125.3	110.7	96.0	87.3	78.8	74.6
-17.5°	203.6	184.7	165.7	149.7	134.8	120.1	105.7	92.9	84.6	76.7	73.7
-18.75°	194.5	175.9	158.0	143.4	128.7	114.5	100.3	90.0	81.8	75.7	72.8
-20°	184.8	166.6	151.1	136.7	122.5	108.6	94.9	86.9	78.7	74.7	71.8
-21.25°	174.7	157.8	143.8	129.7	116.1	102.4	91.5	83.6	76.4	73.6	70.8



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	164.2	149.9	136.2	122.6	109.3	95.9	87.9	80.1	75.3	72.5	70.1
-23.75°	154.9	141.7	128.3	115.3	102.3	91.8	84.2	76.8	74.1	71.4	69.6
-25°	146.1	133.2	120.4	107.8	95.1	87.7	80.2	75.4	72.8	70.3	69.0
-26.25°	137.0	124.5	112.3	99.9	90.8	83.5	76.6	74.1	71.5	69.7	68.4
-27.5°	127.6	115.8	103.9	93.3	86.2	79.1	75.2	72.7	70.3	69.0	67.7
-28.75°	118.3	106.9	95.3	88.5	81.6	76.1	73.7	71.2	69.6	68.3	67.1
-30°	108.9	97.7	90.1	83.5	76.9	74.5	72.1	70.1	68.9	67.6	66.4
-31.25°	99.2	91.3	84.9	78.4	75.1	72.8	70.5	69.3	68.1	66.9	65.6
-32.5°	91.8	85.7	79.5	75.6	73.4	71.1	69.7	68.5	67.3	66.1	64.9
-33.75°	86.0	80.1	75.9	73.8	71.6	69.9	68.8	67.7	66.5	65.3	64.1
-35°	80.1	76.0	73.9	71.9	70.1	69.0	68.0	66.8	65.7	64.5	63.2
-36.25°	75.9	73.9	72.0	70.2	69.2	68.1	67.1	66.0	64.8	63.6	62.2
-37.5°	73.8	71.9	70.2	69.2	68.2	67.2	66.1	65.1	63.9	62.6	61.2
-38.75°	71.6	70.1	69.2	68.2	67.2	66.2	65.2	64.1	62.9	61.5	60.2
-40°	69.9	69.0	68.1	67.2	66.2	65.2	64.2	63.0	61.8	60.5	59.3
-41.25°	68.8	68.0	67.1	66.1	65.2	64.2	63.1	61.9	60.6	59.5	58.5
-42.5°	67.7	66.8	66.0	65.1	64.1	63.0	61.9	60.7	59.6	58.6	57.6
-43.75°	66.5	65.7	64.8	63.9	62.9	61.8	60.6	59.6	58.7	57.7	56.7
-45°	65.3	64.5	63.6	62.6	61.5	60.5	59.5	58.6	57.7	56.8	55.4
-46.25°	64.1	63.2	62.2	61.2	60.2	59.3	58.5	57.6	56.7	55.4	54.0
-47.5°	62.7	61.8	60.8	59.9	59.1	58.3	57.5	56.6	55.3	54.0	52.7
-48.75°	61.2	60.3	59.5	58.8	58.0	57.2	56.3	55.0	53.8	52.6	51.2
-50°	59.8	59.1	58.4	57.6	56.9	55.8	54.7	53.5	52.3	51.0	49.5
-51.25°	58.5	57.9	57.2	56.4	55.3	54.2	53.1	52.0	50.6	49.2	47.9
-52.5°	57.3	56.6	55.7	54.6	53.6	52.6	51.4	50.1	48.8	47.5	46.1
-53.75°	55.7	54.8	53.9	52.9	51.9	50.7	49.5	48.3	47.0	45.6	43.9
-55°	53.9	53.0	52.1	51.0	49.9	48.8	47.6	46.4	44.9	43.3	41.7
-56.25°	52.0	51.0	50.0	49.0	47.9	46.8	45.5	44.0	42.5	41.0	39.5
-57.5°	49.8	48.9	47.9	46.9	45.7	44.4	43.0	41.6	40.2	38.8	37.7
-58.75°	47.6	46.7	45.6	44.4	43.1	41.8	40.5	39.2	38.1	37.0	35.9
-60°	45.1	44.0	42.9	41.7	40.5	39.3	38.3	37.3	36.2	35.2	34.1
-61.25°	42.3	41.2	40.1	39.0	38.2	37.2	36.3	35.3	34.3	33.3	32.1
-62.5°	39.4	38.6	37.8	36.9	36.1	35.2	34.3	33.4	32.3	31.2	30.1
-63.75°	37.1	36.4	35.6	34.8	34.0	33.1	32.1	31.1	30.1	29.1	28.0
-65°	34.9	34.2	33.4	32.6	31.7	30.8	29.8	28.9	27.9	27.1	26.6
-66.25°	32.5	31.7	30.9	30.1	29.3	28.4	27.5	26.9	26.4	26.0	25.5
-67.5°	29.9	29.2	28.4	27.6	27.0	26.6	26.2	25.8	25.3	24.9	24.4
-68.75°	27.3	26.9	26.6	26.2	25.8	25.4	25.0	24.6	24.2	23.8	23.4
-70°	25.9	25.6	25.3	25.0	24.6	24.2	23.9	23.5	23.1	22.7	22.3
-71.25°	24.6	24.3	24.0	23.7	23.4	23.0	22.7	22.3	22.0	21.6	21.2
-72.5°	23.3	23.1	22.8	22.5	22.2	21.8	21.5	21.2	20.9	20.5	20.2
-73.75°	22.0	21.8	21.5	21.2	20.9	20.6	20.3	20.0	19.7	19.4	19.1
-75°	20.7	20.5	20.2	20.0	19.7	19.4	19.2	18.9	18.6	18.3	18.0
-76.25°	19.4	19.2	18.9	18.7	18.5	18.2	18.0	17.7	17.4	17.1	16.7
-77.5°	18.1	17.9	17.7	17.4	17.1	16.9	16.6	16.3	16.0	15.7	15.4



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	16.5	16.3	16.1	15.8	15.6	15.4	15.1	14.8	14.6	14.3	14.0
-80°	14.9	14.7	14.5	14.3	14.1	13.8	13.6	13.3	13.0	12.7	12.4
-81.25°	13.2	12.9	12.7	12.5	12.3	12.0	11.8	11.6	11.3	11.1	10.8
-82.5°	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4	9.1
-83.75°	9.2	9.0	8.9	8.7	8.6	8.4	8.2	8.0	7.9	7.7	7.5
-85°	7.2	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8
-86.25°	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
-87.5°	3.3	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.8
-88.75°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-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: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
87.5°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
86.25°	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0
85°	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.2	4.0
83.75°	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2
82.5°	8.9	8.7	8.4	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.4
81.25°	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6
80°	12.1	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.5	9.1	8.8
78.75°	13.7	13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.8	10.4	9.9
77.5°	15.1	14.7	14.4	14.1	13.7	13.3	12.9	12.5	12.0	11.6	11.1
76.25°	16.4	16.0	15.7	15.3	14.9	14.5	14.1	13.7	13.3	12.8	12.3
75°	17.7	17.3	16.9	16.5	16.1	15.7	15.3	14.8	14.4	13.9	13.5
73.75°	18.7	18.4	18.1	17.7	17.3	16.8	16.4	15.9	15.4	15.0	14.5
72.5°	19.8	19.4	19.1	18.7	18.3	17.9	17.5	17.0	16.5	16.0	15.4
71.25°	20.9	20.5	20.1	19.7	19.2	18.8	18.4	18.0	17.5	17.0	16.4
70°	21.9	21.5	21.1	20.6	20.2	19.7	19.3	18.8	18.4	17.9	17.4
68.75°	22.9	22.5	22.0	21.6	21.1	20.6	20.2	19.7	19.2	18.7	18.2
67.5°	24.0	23.5	23.0	22.5	22.0	21.5	21.0	20.5	20.0	19.5	18.9
66.25°	25.0	24.5	24.0	23.5	23.0	22.4	21.9	21.3	20.8	20.2	19.7
65°	26.0	25.5	25.0	24.4	23.9	23.3	22.8	22.2	21.6	21.0	20.4
63.75°	27.1	26.5	25.9	25.4	24.8	24.2	23.6	23.0	22.4	21.8	21.2
62.5°	28.9	27.8	26.9	26.3	25.7	25.1	24.5	23.8	23.2	22.5	21.9
61.25°	30.9	29.7	28.5	27.3	26.6	26.0	25.3	24.6	24.0	23.3	22.6
60°	32.9	31.7	30.4	29.1	27.8	26.8	26.1	25.4	24.7	24.0	23.3
58.75°	34.8	33.6	32.3	30.9	29.5	28.1	27.0	26.2	25.5	24.8	24.0
57.5°	36.5	35.3	34.1	32.7	31.3	29.8	28.4	27.0	26.3	25.5	24.7
56.25°	38.2	36.9	35.7	34.4	33.0	31.5	30.0	28.4	27.0	26.2	25.4
55°	40.1	38.6	37.3	35.9	34.6	33.2	31.6	30.0	28.4	27.0	26.1
53.75°	42.2	40.5	38.8	37.5	36.1	34.6	33.2	31.5	29.8	28.1	26.8
52.5°	44.3	42.6	40.7	39.0	37.5	36.1	34.6	33.0	31.3	29.5	27.8
51.25°	46.4	44.6	42.7	40.8	39.0	37.5	35.9	34.4	32.7	30.9	29.1
50°	48.1	46.6	44.7	42.7	40.7	38.8	37.3	35.7	34.1	32.3	30.4
48.75°	49.7	48.1	46.6	44.6	42.6	40.5	38.6	36.9	35.3	33.6	31.7
47.5°	51.2	49.7	48.1	46.4	44.3	42.2	40.1	38.2	36.5	34.8	32.9
46.25°	52.7	51.2	49.5	47.9	46.1	43.9	41.7	39.5	37.7	35.9	34.1
45°	54.0	52.6	51.0	49.2	47.5	45.6	43.3	41.0	38.8	37.0	35.2
43.75°	55.3	53.8	52.3	50.6	48.8	47.0	44.9	42.5	40.2	38.1	36.2
42.5°	56.6	55.0	53.5	52.0	50.1	48.3	46.4	44.0	41.6	39.2	37.3
41.25°	57.5	56.3	54.7	53.1	51.4	49.5	47.6	45.5	43.0	40.5	38.3
40°	58.3	57.2	55.8	54.2	52.6	50.7	48.8	46.8	44.4	41.8	39.3
38.75°	59.1	58.0	56.9	55.3	53.6	51.9	49.9	47.9	45.7	43.1	40.5
37.5°	59.9	58.8	57.6	56.4	54.6	52.9	51.0	49.0	46.9	44.4	41.7
36.25°	60.8	59.5	58.4	57.2	55.7	53.9	52.1	50.0	47.9	45.6	42.9
35°	61.8	60.3	59.1	57.9	56.6	54.8	53.0	51.0	48.9	46.7	44.0



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	62.7	61.2	59.8	58.5	57.3	55.7	53.9	52.0	49.8	47.6	45.1
32.5°	63.6	62.1	60.5	59.2	57.9	56.6	54.7	52.8	50.8	48.5	46.2
31.25°	64.4	62.9	61.3	59.8	58.5	57.3	55.6	53.6	51.7	49.4	47.1
30°	65.1	63.7	62.1	60.5	59.1	57.8	56.4	54.4	52.4	50.2	47.9
28.75°	65.7	64.4	62.9	61.3	59.7	58.4	57.0	55.2	53.2	51.0	48.6
27.5°	66.4	65.0	63.6	62.0	60.3	58.9	57.5	55.9	53.8	51.8	49.4
26.25°	67.0	65.7	64.3	62.6	60.9	59.4	58.0	56.6	54.5	52.4	50.1
25°	67.6	66.2	64.8	63.3	61.6	59.9	58.5	57.1	55.2	53.0	50.8
23.75°	68.2	66.8	65.4	63.9	62.2	60.4	58.9	57.5	55.8	53.6	51.4
22.5°	68.7	67.3	65.9	64.4	62.8	61.0	59.4	57.9	56.3	54.2	52.0
21.25°	69.3	67.8	66.4	64.9	63.3	61.5	59.8	58.3	56.9	54.7	52.5
20°	69.7	68.3	66.8	65.4	63.8	62.0	60.2	58.7	57.2	55.2	53.0
18.75°	70.2	68.8	67.3	65.8	64.3	62.5	60.6	59.0	57.5	55.7	53.5
17.5°	70.8	69.2	67.7	66.2	64.6	62.9	61.1	59.4	57.9	56.1	53.9
16.25°	71.6	69.6	68.1	66.6	65.0	63.3	61.5	59.7	58.1	56.6	54.3
15°	72.4	69.9	68.4	66.9	65.3	63.7	61.8	59.9	58.4	56.9	54.6
13.75°	73.1	70.3	68.8	67.2	65.7	64.1	62.2	60.3	58.7	57.1	55.0
12.5°	73.7	70.7	69.1	67.5	65.9	64.3	62.5	60.6	58.9	57.3	55.3
11.25°	74.3	71.2	69.3	67.8	66.2	64.6	62.8	60.8	59.1	57.5	55.6
10°	74.9	71.8	69.6	68.0	66.4	64.8	63.0	61.1	59.3	57.7	55.8
8.75°	75.3	72.2	69.8	68.2	66.6	65.0	63.3	61.3	59.5	57.9	56.1
7.5°	75.8	72.6	70.0	68.4	66.8	65.2	63.5	61.5	59.6	58.0	56.3
6.25°	76.1	72.9	70.1	68.6	67.0	65.3	63.6	61.6	59.7	58.1	56.4
5°	76.4	73.2	70.3	68.7	67.1	65.4	63.8	61.8	59.8	58.2	56.6
3.75°	76.6	73.4	70.4	68.8	67.2	65.5	63.9	61.9	59.9	58.3	56.7
2.5°	76.8	73.6	70.4	68.8	67.2	65.6	63.9	61.9	60.0	58.4	56.7
1.25°	76.9	73.7	70.5	68.9	67.3	65.6	64.0	62.0	60.0	58.4	56.8
0°	76.9	73.7	70.5	68.9	67.3	65.7	64.0	62.0	60.0	58.4	56.8
-1.25°	76.9	73.7	70.5	68.9	67.3	65.6	64.0	62.0	60.0	58.4	56.8
-2.5°	76.8	73.6	70.4	68.8	67.2	65.6	63.9	61.9	60.0	58.4	56.7
-3.75°	76.6	73.4	70.4	68.8	67.2	65.5	63.9	61.9	59.9	58.3	56.7
-5°	76.4	73.2	70.3	68.7	67.1	65.4	63.8	61.8	59.8	58.2	56.6
-6.25°	76.1	72.9	70.1	68.6	67.0	65.3	63.6	61.6	59.7	58.1	56.4
-7.5°	75.8	72.6	70.0	68.4	66.8	65.2	63.5	61.5	59.6	58.0	56.3
-8.75°	75.3	72.2	69.8	68.2	66.6	65.0	63.3	61.3	59.5	57.9	56.1
-10°	74.9	71.8	69.6	68.0	66.4	64.8	63.0	61.1	59.3	57.7	55.8
-11.25°	74.3	71.2	69.3	67.8	66.2	64.6	62.8	60.8	59.1	57.5	55.6
-12.5°	73.7	70.7	69.1	67.5	65.9	64.3	62.5	60.6	58.9	57.3	55.3
-13.75°	73.1	70.3	68.8	67.2	65.7	64.1	62.2	60.3	58.7	57.1	55.0
-15°	72.4	69.9	68.4	66.9	65.3	63.7	61.8	59.9	58.4	56.9	54.6
-16.25°	71.6	69.6	68.1	66.6	65.0	63.3	61.5	59.7	58.1	56.6	54.3
-17.5°	70.8	69.2	67.7	66.2	64.6	62.9	61.1	59.4	57.9	56.1	53.9
-18.75°	70.2	68.8	67.3	65.8	64.3	62.5	60.6	59.0	57.5	55.7	53.5
-20°	69.7	68.3	66.8	65.4	63.8	62.0	60.2	58.7	57.2	55.2	53.0
-21.25°	69.3	67.8	66.4	64.9	63.3	61.5	59.8	58.3	56.9	54.7	52.5



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	68.7	67.3	65.9	64.4	62.8	61.0	59.4	57.9	56.3	54.2	52.0
-23.75°	68.2	66.8	65.4	63.9	62.2	60.4	58.9	57.5	55.8	53.6	51.4
-25°	67.6	66.2	64.8	63.3	61.6	59.9	58.5	57.1	55.2	53.0	50.8
-26.25°	67.0	65.7	64.3	62.6	60.9	59.4	58.0	56.6	54.5	52.4	50.1
-27.5°	66.4	65.0	63.6	62.0	60.3	58.9	57.5	55.9	53.8	51.8	49.4
-28.75°	65.7	64.4	62.9	61.3	59.7	58.4	57.0	55.2	53.2	51.0	48.6
-30°	65.1	63.7	62.1	60.5	59.1	57.8	56.4	54.4	52.4	50.2	47.9
-31.25°	64.4	62.9	61.3	59.8	58.5	57.3	55.6	53.6	51.7	49.4	47.1
-32.5°	63.6	62.1	60.5	59.2	57.9	56.6	54.7	52.8	50.8	48.5	46.2
-33.75°	62.7	61.2	59.8	58.5	57.3	55.7	53.9	52.0	49.8	47.6	45.1
-35°	61.8	60.3	59.1	57.9	56.6	54.8	53.0	51.0	48.9	46.7	44.0
-36.25°	60.8	59.5	58.4	57.2	55.7	53.9	52.1	50.0	47.9	45.6	42.9
-37.5°	59.9	58.8	57.6	56.4	54.6	52.9	51.0	49.0	46.9	44.4	41.7
-38.75°	59.1	58.0	56.9	55.3	53.6	51.9	49.9	47.9	45.7	43.1	40.5
-40°	58.3	57.2	55.8	54.2	52.6	50.7	48.8	46.8	44.4	41.8	39.3
-41.25°	57.5	56.3	54.7	53.1	51.4	49.5	47.6	45.5	43.0	40.5	38.3
-42.5°	56.6	55.0	53.5	52.0	50.1	48.3	46.4	44.0	41.6	39.2	37.3
-43.75°	55.3	53.8	52.3	50.6	48.8	47.0	44.9	42.5	40.2	38.1	36.2
-45°	54.0	52.6	51.0	49.2	47.5	45.6	43.3	41.0	38.8	37.0	35.2
-46.25°	52.7	51.2	49.5	47.9	46.1	43.9	41.7	39.5	37.7	35.9	34.1
-47.5°	51.2	49.7	48.1	46.4	44.3	42.2	40.1	38.2	36.5	34.8	32.9
-48.75°	49.7	48.1	46.6	44.6	42.6	40.5	38.6	36.9	35.3	33.6	31.7
-50°	48.1	46.6	44.7	42.7	40.7	38.8	37.3	35.7	34.1	32.3	30.4
-51.25°	46.4	44.6	42.7	40.8	39.0	37.5	35.9	34.4	32.7	30.9	29.1
-52.5°	44.3	42.6	40.7	39.0	37.5	36.1	34.6	33.0	31.3	29.5	27.8
-53.75°	42.2	40.5	38.8	37.5	36.1	34.6	33.2	31.5	29.8	28.1	26.8
-55°	40.1	38.6	37.3	35.9	34.6	33.2	31.6	30.0	28.4	27.0	26.1
-56.25°	38.2	36.9	35.7	34.4	33.0	31.5	30.0	28.4	27.0	26.2	25.4
-57.5°	36.5	35.3	34.1	32.7	31.3	29.8	28.4	27.0	26.3	25.5	24.7
-58.75°	34.8	33.6	32.3	30.9	29.5	28.1	27.0	26.2	25.5	24.8	24.0
-60°	32.9	31.7	30.4	29.1	27.8	26.8	26.1	25.4	24.7	24.0	23.3
-61.25°	30.9	29.7	28.5	27.3	26.6	26.0	25.3	24.6	24.0	23.3	22.6
-62.5°	28.9	27.8	26.9	26.3	25.7	25.1	24.5	23.8	23.2	22.5	21.9
-63.75°	27.1	26.5	25.9	25.4	24.8	24.2	23.6	23.0	22.4	21.8	21.2
-65°	26.0	25.5	25.0	24.4	23.9	23.3	22.8	22.2	21.6	21.0	20.4
-66.25°	25.0	24.5	24.0	23.5	23.0	22.4	21.9	21.3	20.8	20.2	19.7
-67.5°	24.0	23.5	23.0	22.5	22.0	21.5	21.0	20.5	20.0	19.5	18.9
-68.75°	22.9	22.5	22.0	21.6	21.1	20.6	20.2	19.7	19.2	18.7	18.2
-70°	21.9	21.5	21.1	20.6	20.2	19.7	19.3	18.8	18.4	17.9	17.4
-71.25°	20.9	20.5	20.1	19.7	19.2	18.8	18.4	18.0	17.5	17.0	16.4
-72.5°	19.8	19.4	19.1	18.7	18.3	17.9	17.5	17.0	16.5	16.0	15.4
-73.75°	18.7	18.4	18.1	17.7	17.3	16.8	16.4	15.9	15.4	15.0	14.5
-75°	17.7	17.3	16.9	16.5	16.1	15.7	15.3	14.8	14.4	13.9	13.5
-76.25°	16.4	16.0	15.7	15.3	14.9	14.5	14.1	13.7	13.3	12.8	12.3
-77.5°	15.1	14.7	14.4	14.1	13.7	13.3	12.9	12.5	12.0	11.6	11.1



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

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	13.7	13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.8	10.4	9.9
-80°	12.1	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.5	9.1	8.8
-81.25°	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6
-82.5°	8.9	8.7	8.4	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.4
-83.75°	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2
-85°	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.2	4.0
-86.25°	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0
-87.5°	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-88.75°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
87.5°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
86.25°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7
85°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
83.75°	5.0	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.8
82.5°	6.1	5.8	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.6	3.3
81.25°	7.3	6.9	6.6	6.3	5.9	5.6	5.3	4.9	4.6	4.2	3.9
80°	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5
78.75°	9.5	9.1	8.7	8.3	7.9	7.4	7.0	6.5	6.1	5.7	5.2
77.5°	10.7	10.2	9.7	9.3	8.8	8.3	7.8	7.4	6.9	6.4	5.9
76.25°	11.8	11.3	10.8	10.3	9.7	9.2	8.7	8.2	7.6	7.1	6.5
75°	12.9	12.4	11.8	11.3	10.7	10.1	9.5	9.0	8.4	7.8	7.2
73.75°	14.0	13.5	12.9	12.2	11.6	11.0	10.4	9.7	9.1	8.5	7.8
72.5°	14.9	14.4	13.8	13.2	12.6	11.9	11.2	10.5	9.8	9.2	8.5
71.25°	15.8	15.3	14.7	14.1	13.5	12.8	12.0	11.3	10.6	9.8	9.1
70°	16.7	16.1	15.5	14.9	14.3	13.6	12.9	12.1	11.3	10.5	9.7
68.75°	17.7	17.0	16.4	15.7	15.0	14.4	13.7	12.9	12.0	11.2	10.4
67.5°	18.4	17.8	17.2	16.5	15.8	15.1	14.4	13.6	12.8	11.9	11.0
66.25°	19.1	18.5	17.9	17.3	16.5	15.8	15.0	14.3	13.5	12.6	11.6
65°	19.8	19.2	18.6	18.0	17.3	16.5	15.7	14.9	14.1	13.2	12.2
63.75°	20.5	19.9	19.2	18.6	17.9	17.2	16.4	15.5	14.7	13.8	12.9
62.5°	21.2	20.6	19.9	19.2	18.5	17.8	17.0	16.1	15.3	14.4	13.5
61.25°	21.9	21.2	20.5	19.8	19.1	18.4	17.7	16.7	15.8	14.9	14.0
60°	22.6	21.9	21.2	20.4	19.7	18.9	18.2	17.4	16.4	15.4	14.5
58.75°	23.3	22.5	21.8	21.0	20.2	19.5	18.7	17.9	17.0	16.0	15.0
57.5°	24.0	23.2	22.4	21.6	20.8	20.0	19.2	18.4	17.5	16.5	15.4
56.25°	24.6	23.8	23.0	22.2	21.3	20.5	19.7	18.8	18.0	17.0	15.9
55°	25.3	24.5	23.6	22.8	21.9	21.0	20.2	19.3	18.4	17.5	16.4
53.75°	26.0	25.1	24.2	23.3	22.4	21.5	20.6	19.7	18.8	17.9	16.8
52.5°	26.6	25.7	24.8	23.9	23.0	22.0	21.1	20.2	19.2	18.3	17.3
51.25°	27.3	26.3	25.4	24.4	23.5	22.5	21.6	20.6	19.7	18.7	17.7
50°	28.5	26.9	25.9	25.0	24.0	23.0	22.0	21.1	20.1	19.1	18.1
48.75°	29.7	27.8	26.5	25.5	24.5	23.5	22.5	21.5	20.5	19.4	18.4
47.5°	30.9	28.9	27.1	26.0	25.0	24.0	22.9	21.9	20.9	19.8	18.7
46.25°	32.1	30.1	28.0	26.6	25.5	24.4	23.4	22.3	21.2	20.2	19.1
45°	33.3	31.2	29.1	27.1	26.0	24.9	23.8	22.7	21.6	20.5	19.4
43.75°	34.3	32.3	30.1	27.9	26.4	25.3	24.2	23.1	22.0	20.9	19.7
42.5°	35.3	33.4	31.1	28.9	26.9	25.8	24.6	23.5	22.3	21.2	20.0
41.25°	36.3	34.3	32.1	29.8	27.5	26.2	25.0	23.9	22.7	21.5	20.3
40°	37.2	35.2	33.1	30.8	28.4	26.6	25.4	24.2	23.0	21.8	20.6
38.75°	38.2	36.1	34.0	31.7	29.3	27.0	25.8	24.6	23.4	22.2	20.9
37.5°	39.0	36.9	34.8	32.6	30.1	27.6	26.2	25.0	23.7	22.5	21.2
36.25°	40.1	37.8	35.6	33.4	30.9	28.4	26.6	25.3	24.0	22.8	21.5
35°	41.2	38.6	36.4	34.2	31.7	29.2	26.9	25.6	24.3	23.1	21.8



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	42.3	39.4	37.1	34.9	32.5	29.9	27.3	25.9	24.6	23.3	22.0
32.5°	43.3	40.4	37.9	35.6	33.2	30.6	28.0	26.3	24.9	23.6	22.3
31.25°	44.3	41.4	38.6	36.2	33.9	31.3	28.6	26.6	25.2	23.9	22.5
30°	45.3	42.3	39.3	36.9	34.5	31.9	29.2	26.9	25.5	24.1	22.8
28.75°	46.2	43.2	40.1	37.5	35.1	32.6	29.8	27.1	25.8	24.4	23.0
27.5°	47.0	44.0	40.9	38.1	35.7	33.2	30.4	27.6	26.0	24.6	23.2
26.25°	47.6	44.9	41.7	38.7	36.2	33.8	31.0	28.1	26.2	24.8	23.4
25°	48.3	45.6	42.5	39.3	36.8	34.3	31.5	28.6	26.5	25.0	23.6
23.75°	48.9	46.4	43.2	39.9	37.3	34.7	32.0	29.1	26.7	25.2	23.8
22.5°	49.5	47.0	43.9	40.6	37.7	35.2	32.5	29.6	26.9	25.4	24.0
21.25°	50.1	47.5	44.5	41.2	38.2	35.6	32.9	30.0	27.1	25.6	24.2
20°	50.6	48.0	45.1	41.8	38.6	36.0	33.4	30.4	27.4	25.8	24.3
18.75°	51.1	48.5	45.7	42.3	39.0	36.4	33.8	30.8	27.8	26.0	24.5
17.5°	51.6	48.9	46.3	42.9	39.5	36.7	34.1	31.1	28.1	26.1	24.6
16.25°	52.0	49.3	46.7	43.3	39.9	37.1	34.4	31.5	28.4	26.3	24.7
15°	52.4	49.7	47.1	43.8	40.3	37.4	34.7	31.8	28.7	26.4	24.9
13.75°	52.7	50.1	47.4	44.2	40.7	37.7	35.0	32.1	29.0	26.5	25.0
12.5°	53.0	50.4	47.7	44.6	41.1	37.9	35.2	32.3	29.2	26.7	25.1
11.25°	53.2	50.7	48.0	44.9	41.4	38.2	35.4	32.6	29.4	26.8	25.2
10°	53.5	51.0	48.2	45.2	41.7	38.4	35.6	32.8	29.6	26.8	25.3
8.75°	53.7	51.2	48.5	45.5	42.0	38.6	35.8	33.0	29.8	26.9	25.4
7.5°	53.9	51.4	48.7	45.7	42.2	38.7	36.0	33.1	30.0	27.0	25.4
6.25°	54.0	51.6	48.8	45.9	42.4	38.9	36.1	33.3	30.1	27.1	25.5
5°	54.2	51.7	49.0	46.1	42.5	39.0	36.2	33.4	30.2	27.1	25.5
3.75°	54.3	51.9	49.1	46.2	42.6	39.1	36.3	33.5	30.3	27.2	25.6
2.5°	54.3	51.9	49.1	46.3	42.7	39.1	36.4	33.5	30.4	27.2	25.6
1.25°	54.4	52.0	49.2	46.4	42.8	39.2	36.4	33.6	30.4	27.2	25.6
0°	54.4	52.0	49.2	46.4	42.8	39.2	36.4	33.6	30.4	27.2	25.6
-1.25°	54.4	52.0	49.2	46.4	42.8	39.2	36.4	33.6	30.4	27.2	25.6
-2.5°	54.3	51.9	49.1	46.3	42.7	39.1	36.4	33.5	30.4	27.2	25.6
-3.75°	54.3	51.9	49.1	46.2	42.6	39.1	36.3	33.5	30.3	27.2	25.6
-5°	54.2	51.7	49.0	46.1	42.5	39.0	36.2	33.4	30.2	27.1	25.5
-6.25°	54.0	51.6	48.8	45.9	42.4	38.9	36.1	33.3	30.1	27.1	25.5
-7.5°	53.9	51.4	48.7	45.7	42.2	38.7	36.0	33.1	30.0	27.0	25.4
-8.75°	53.7	51.2	48.5	45.5	42.0	38.6	35.8	33.0	29.8	26.9	25.4
-10°	53.5	51.0	48.2	45.2	41.7	38.4	35.6	32.8	29.6	26.8	25.3
-11.25°	53.2	50.7	48.0	44.9	41.4	38.2	35.4	32.6	29.4	26.8	25.2
-12.5°	53.0	50.4	47.7	44.6	41.1	37.9	35.2	32.3	29.2	26.7	25.1
-13.75°	52.7	50.1	47.4	44.2	40.7	37.7	35.0	32.1	29.0	26.5	25.0
-15°	52.4	49.7	47.1	43.8	40.3	37.4	34.7	31.8	28.7	26.4	24.9
-16.25°	52.0	49.3	46.7	43.3	39.9	37.1	34.4	31.5	28.4	26.3	24.7
-17.5°	51.6	48.9	46.3	42.9	39.5	36.7	34.1	31.1	28.1	26.1	24.6
-18.75°	51.1	48.5	45.7	42.3	39.0	36.4	33.8	30.8	27.8	26.0	24.5
-20°	50.6	48.0	45.1	41.8	38.6	36.0	33.4	30.4	27.4	25.8	24.3
-21.25°	50.1	47.5	44.5	41.2	38.2	35.6	32.9	30.0	27.1	25.6	24.2



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	49.5	47.0	43.9	40.6	37.7	35.2	32.5	29.6	26.9	25.4	24.0
-23.75°	48.9	46.4	43.2	39.9	37.3	34.7	32.0	29.1	26.7	25.2	23.8
-25°	48.3	45.6	42.5	39.3	36.8	34.3	31.5	28.6	26.5	25.0	23.6
-26.25°	47.6	44.9	41.7	38.7	36.2	33.8	31.0	28.1	26.2	24.8	23.4
-27.5°	47.0	44.0	40.9	38.1	35.7	33.2	30.4	27.6	26.0	24.6	23.2
-28.75°	46.2	43.2	40.1	37.5	35.1	32.6	29.8	27.1	25.8	24.4	23.0
-30°	45.3	42.3	39.3	36.9	34.5	31.9	29.2	26.9	25.5	24.1	22.8
-31.25°	44.3	41.4	38.6	36.2	33.9	31.3	28.6	26.6	25.2	23.9	22.5
-32.5°	43.3	40.4	37.9	35.6	33.2	30.6	28.0	26.3	24.9	23.6	22.3
-33.75°	42.3	39.4	37.1	34.9	32.5	29.9	27.3	25.9	24.6	23.3	22.0
-35°	41.2	38.6	36.4	34.2	31.7	29.2	26.9	25.6	24.3	23.1	21.8
-36.25°	40.1	37.8	35.6	33.4	30.9	28.4	26.6	25.3	24.0	22.8	21.5
-37.5°	39.0	36.9	34.8	32.6	30.1	27.6	26.2	25.0	23.7	22.5	21.2
-38.75°	38.2	36.1	34.0	31.7	29.3	27.0	25.8	24.6	23.4	22.2	20.9
-40°	37.2	35.2	33.1	30.8	28.4	26.6	25.4	24.2	23.0	21.8	20.6
-41.25°	36.3	34.3	32.1	29.8	27.5	26.2	25.0	23.9	22.7	21.5	20.3
-42.5°	35.3	33.4	31.1	28.9	26.9	25.8	24.6	23.5	22.3	21.2	20.0
-43.75°	34.3	32.3	30.1	27.9	26.4	25.3	24.2	23.1	22.0	20.9	19.7
-45°	33.3	31.2	29.1	27.1	26.0	24.9	23.8	22.7	21.6	20.5	19.4
-46.25°	32.1	30.1	28.0	26.6	25.5	24.4	23.4	22.3	21.2	20.2	19.1
-47.5°	30.9	28.9	27.1	26.0	25.0	24.0	22.9	21.9	20.9	19.8	18.7
-48.75°	29.7	27.8	26.5	25.5	24.5	23.5	22.5	21.5	20.5	19.4	18.4
-50°	28.5	26.9	25.9	25.0	24.0	23.0	22.0	21.1	20.1	19.1	18.1
-51.25°	27.3	26.3	25.4	24.4	23.5	22.5	21.6	20.6	19.7	18.7	17.7
-52.5°	26.6	25.7	24.8	23.9	23.0	22.0	21.1	20.2	19.2	18.3	17.3
-53.75°	26.0	25.1	24.2	23.3	22.4	21.5	20.6	19.7	18.8	17.9	16.8
-55°	25.3	24.5	23.6	22.8	21.9	21.0	20.2	19.3	18.4	17.5	16.4
-56.25°	24.6	23.8	23.0	22.2	21.3	20.5	19.7	18.8	18.0	17.0	15.9
-57.5°	24.0	23.2	22.4	21.6	20.8	20.0	19.2	18.4	17.5	16.5	15.4
-58.75°	23.3	22.5	21.8	21.0	20.2	19.5	18.7	17.9	17.0	16.0	15.0
-60°	22.6	21.9	21.2	20.4	19.7	18.9	18.2	17.4	16.4	15.4	14.5
-61.25°	21.9	21.2	20.5	19.8	19.1	18.4	17.7	16.7	15.8	14.9	14.0
-62.5°	21.2	20.6	19.9	19.2	18.5	17.8	17.0	16.1	15.3	14.4	13.5
-63.75°	20.5	19.9	19.2	18.6	17.9	17.2	16.4	15.5	14.7	13.8	12.9
-65°	19.8	19.2	18.6	18.0	17.3	16.5	15.7	14.9	14.1	13.2	12.2
-66.25°	19.1	18.5	17.9	17.3	16.5	15.8	15.0	14.3	13.5	12.6	11.6
-67.5°	18.4	17.8	17.2	16.5	15.8	15.1	14.4	13.6	12.8	11.9	11.0
-68.75°	17.7	17.0	16.4	15.7	15.0	14.4	13.7	12.9	12.0	11.2	10.4
-70°	16.7	16.1	15.5	14.9	14.3	13.6	12.9	12.1	11.3	10.5	9.7
-71.25°	15.8	15.3	14.7	14.1	13.5	12.8	12.0	11.3	10.6	9.8	9.1
-72.5°	14.9	14.4	13.8	13.2	12.6	11.9	11.2	10.5	9.8	9.2	8.5
-73.75°	14.0	13.5	12.9	12.2	11.6	11.0	10.4	9.7	9.1	8.5	7.8
-75°	12.9	12.4	11.8	11.3	10.7	10.1	9.5	9.0	8.4	7.8	7.2
-76.25°	11.8	11.3	10.8	10.3	9.7	9.2	8.7	8.2	7.6	7.1	6.5
-77.5°	10.7	10.2	9.7	9.3	8.8	8.3	7.8	7.4	6.9	6.4	5.9



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	9.5	9.1	8.7	8.3	7.9	7.4	7.0	6.5	6.1	5.7	5.2
-80°	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5
-81.25°	7.3	6.9	6.6	6.3	5.9	5.6	5.3	4.9	4.6	4.2	3.9
-82.5°	6.1	5.8	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.6	3.3
-83.75°	5.0	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.8
-85°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
-86.25°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7
-87.5°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1
-88.75°	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
87.5°	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
86.25°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
85°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
83.75°	2.6	2.4	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
82.5°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
81.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
80°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
78.75°	4.8	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
77.5°	5.4	4.9	4.4	3.9	3.4	3.0	2.6	2.2	1.7	1.3	0.9
76.25°	6.0	5.4	4.9	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0
75°	6.6	6.0	5.4	4.8	4.1	3.6	3.1	2.6	2.1	1.6	1.0
73.75°	7.2	6.5	5.9	5.2	4.5	3.9	3.3	2.8	2.2	1.7	1.1
72.5°	7.8	7.1	6.4	5.7	4.9	4.2	3.6	3.0	2.4	1.8	1.2
71.25°	8.4	7.6	6.9	6.1	5.3	4.6	3.8	3.2	2.6	1.9	1.3
70°	9.0	8.2	7.4	6.5	5.7	4.9	4.1	3.4	2.7	2.1	1.4
68.75°	9.5	8.7	7.8	7.0	6.1	5.3	4.4	3.6	2.9	2.2	1.4
67.5°	10.1	9.2	8.3	7.4	6.5	5.6	4.7	3.8	3.1	2.3	1.5
66.25°	10.7	9.7	8.8	7.9	6.9	5.9	5.0	4.0	3.2	2.4	1.6
65°	11.3	10.3	9.3	8.3	7.3	6.3	5.3	4.3	3.4	2.5	1.7
63.75°	11.8	10.8	9.7	8.7	7.7	6.6	5.6	4.5	3.5	2.7	1.8
62.5°	12.4	11.3	10.2	9.1	8.0	6.9	5.8	4.7	3.7	2.8	1.8
61.25°	12.9	11.8	10.7	9.5	8.4	7.3	6.1	5.0	3.8	2.9	1.9
60°	13.5	12.3	11.1	9.9	8.8	7.6	6.4	5.2	4.0	3.0	2.0
58.75°	13.9	12.8	11.6	10.4	9.1	7.9	6.7	5.4	4.2	3.1	2.1
57.5°	14.4	13.3	12.0	10.8	9.5	8.2	6.9	5.6	4.4	3.2	2.1
56.25°	14.8	13.7	12.5	11.1	9.8	8.5	7.2	5.9	4.5	3.3	2.2
55°	15.3	14.1	12.9	11.5	10.2	8.8	7.4	6.1	4.7	3.4	2.3
53.75°	15.7	14.5	13.3	11.9	10.5	9.1	7.7	6.3	4.9	3.5	2.4
52.5°	16.1	14.9	13.7	12.3	10.9	9.4	8.0	6.5	5.0	3.7	2.4
51.25°	16.5	15.3	14.1	12.7	11.2	9.7	8.2	6.7	5.2	3.8	2.5
50°	16.9	15.7	14.4	13.0	11.5	10.0	8.4	6.9	5.4	3.9	2.6
48.75°	17.3	16.0	14.7	13.4	11.8	10.3	8.7	7.1	5.5	4.0	2.6
47.5°	17.7	16.4	15.1	13.7	12.1	10.5	8.9	7.3	5.7	4.1	2.7
46.25°	18.0	16.7	15.4	14.0	12.4	10.8	9.1	7.5	5.8	4.2	2.8
45°	18.3	17.1	15.7	14.3	12.7	11.1	9.4	7.7	6.0	4.3	2.8
43.75°	18.6	17.4	16.0	14.6	13.0	11.3	9.6	7.9	6.1	4.4	2.9
42.5°	18.9	17.7	16.3	14.8	13.3	11.6	9.8	8.0	6.3	4.5	2.9
41.25°	19.2	18.0	16.6	15.1	13.6	11.8	10.0	8.2	6.4	4.6	3.0
40°	19.4	18.2	16.9	15.4	13.8	12.0	10.2	8.4	6.6	4.7	3.1
38.75°	19.7	18.5	17.1	15.6	14.1	12.3	10.4	8.6	6.7	4.8	3.1
37.5°	20.0	18.7	17.4	15.8	14.3	12.5	10.6	8.7	6.8	4.9	3.2
36.25°	20.2	18.9	17.7	16.1	14.5	12.7	10.8	8.9	6.9	5.0	3.2
35°	20.5	19.2	17.9	16.3	14.7	12.9	11.0	9.0	7.1	5.1	3.3



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	20.7	19.4	18.1	16.5	14.9	13.2	11.2	9.2	7.2	5.2	3.3
32.5°	20.9	19.6	18.3	16.8	15.1	13.4	11.3	9.3	7.3	5.3	3.4
31.25°	21.2	19.8	18.4	17.0	15.3	13.5	11.5	9.5	7.4	5.4	3.4
30°	21.4	20.0	18.6	17.2	15.4	13.7	11.7	9.6	7.5	5.4	3.5
28.75°	21.6	20.2	18.8	17.4	15.6	13.9	11.8	9.7	7.6	5.5	3.5
27.5°	21.8	20.4	19.0	17.5	15.8	14.0	12.0	9.8	7.7	5.6	3.5
26.25°	22.0	20.6	19.1	17.7	15.9	14.1	12.1	10.0	7.8	5.7	3.6
25°	22.2	20.7	19.3	17.8	16.1	14.3	12.2	10.1	7.9	5.7	3.6
23.75°	22.3	20.9	19.4	18.0	16.2	14.4	12.4	10.2	8.0	5.8	3.7
22.5°	22.5	21.0	19.6	18.1	16.4	14.5	12.5	10.3	8.1	5.9	3.7
21.25°	22.7	21.2	19.7	18.2	16.5	14.6	12.6	10.4	8.1	5.9	3.7
20°	22.8	21.3	19.8	18.3	16.6	14.7	12.7	10.5	8.2	6.0	3.8
18.75°	23.0	21.4	19.9	18.4	16.7	14.9	12.8	10.6	8.3	6.0	3.8
17.5°	23.1	21.6	20.0	18.5	16.9	14.9	12.9	10.6	8.4	6.1	3.8
16.25°	23.2	21.7	20.2	18.6	17.0	15.0	13.0	10.7	8.4	6.1	3.8
15°	23.3	21.8	20.2	18.7	17.0	15.1	13.1	10.8	8.5	6.2	3.9
13.75°	23.4	21.9	20.3	18.8	17.1	15.2	13.2	10.9	8.5	6.2	3.9
12.5°	23.5	22.0	20.4	18.9	17.2	15.3	13.3	10.9	8.6	6.2	3.9
11.25°	23.6	22.1	20.5	18.9	17.3	15.3	13.3	11.0	8.6	6.3	3.9
10°	23.7	22.1	20.6	19.0	17.4	15.4	13.4	11.0	8.7	6.3	3.9
8.75°	23.8	22.2	20.6	19.0	17.4	15.4	13.4	11.1	8.7	6.3	4.0
7.5°	23.8	22.2	20.7	19.1	17.5	15.5	13.5	11.1	8.7	6.3	4.0
6.25°	23.9	22.3	20.7	19.1	17.5	15.5	13.5	11.1	8.7	6.4	4.0
5°	23.9	22.3	20.7	19.1	17.5	15.5	13.5	11.2	8.8	6.4	4.0
3.75°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
2.5°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
1.25°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
0°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
-1.25°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
-2.5°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
-3.75°	24.0	22.4	20.8	19.2	17.6	15.6	13.6	11.2	8.8	6.4	4.0
-5°	23.9	22.3	20.7	19.1	17.5	15.5	13.5	11.2	8.8	6.4	4.0
-6.25°	23.9	22.3	20.7	19.1	17.5	15.5	13.5	11.1	8.7	6.4	4.0
-7.5°	23.8	22.2	20.7	19.1	17.5	15.5	13.5	11.1	8.7	6.3	4.0
-8.75°	23.8	22.2	20.6	19.0	17.4	15.4	13.4	11.1	8.7	6.3	4.0
-10°	23.7	22.1	20.6	19.0	17.4	15.4	13.4	11.0	8.7	6.3	3.9
-11.25°	23.6	22.1	20.5	18.9	17.3	15.3	13.3	11.0	8.6	6.3	3.9
-12.5°	23.5	22.0	20.4	18.9	17.2	15.3	13.3	10.9	8.6	6.2	3.9
-13.75°	23.4	21.9	20.3	18.8	17.1	15.2	13.2	10.9	8.5	6.2	3.9
-15°	23.3	21.8	20.2	18.7	17.0	15.1	13.1	10.8	8.5	6.2	3.9
-16.25°	23.2	21.7	20.2	18.6	17.0	15.0	13.0	10.7	8.4	6.1	3.8
-17.5°	23.1	21.6	20.0	18.5	16.9	14.9	12.9	10.6	8.4	6.1	3.8
-18.75°	23.0	21.4	19.9	18.4	16.7	14.9	12.8	10.6	8.3	6.0	3.8
-20°	22.8	21.3	19.8	18.3	16.6	14.7	12.7	10.5	8.2	6.0	3.8
-21.25°	22.7	21.2	19.7	18.2	16.5	14.6	12.6	10.4	8.1	5.9	3.7



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	22.5	21.0	19.6	18.1	16.4	14.5	12.5	10.3	8.1	5.9	3.7
-23.75°	22.3	20.9	19.4	18.0	16.2	14.4	12.4	10.2	8.0	5.8	3.7
-25°	22.2	20.7	19.3	17.8	16.1	14.3	12.2	10.1	7.9	5.7	3.6
-26.25°	22.0	20.6	19.1	17.7	15.9	14.1	12.1	10.0	7.8	5.7	3.6
-27.5°	21.8	20.4	19.0	17.5	15.8	14.0	12.0	9.8	7.7	5.6	3.5
-28.75°	21.6	20.2	18.8	17.4	15.6	13.9	11.8	9.7	7.6	5.5	3.5
-30°	21.4	20.0	18.6	17.2	15.4	13.7	11.7	9.6	7.5	5.4	3.5
-31.25°	21.2	19.8	18.4	17.0	15.3	13.5	11.5	9.5	7.4	5.4	3.4
-32.5°	20.9	19.6	18.3	16.8	15.1	13.4	11.3	9.3	7.3	5.3	3.4
-33.75°	20.7	19.4	18.1	16.5	14.9	13.2	11.2	9.2	7.2	5.2	3.3
-35°	20.5	19.2	17.9	16.3	14.7	12.9	11.0	9.0	7.1	5.1	3.3
-36.25°	20.2	18.9	17.7	16.1	14.5	12.7	10.8	8.9	6.9	5.0	3.2
-37.5°	20.0	18.7	17.4	15.8	14.3	12.5	10.6	8.7	6.8	4.9	3.2
-38.75°	19.7	18.5	17.1	15.6	14.1	12.3	10.4	8.6	6.7	4.8	3.1
-40°	19.4	18.2	16.9	15.4	13.8	12.0	10.2	8.4	6.6	4.7	3.1
-41.25°	19.2	18.0	16.6	15.1	13.6	11.8	10.0	8.2	6.4	4.6	3.0
-42.5°	18.9	17.7	16.3	14.8	13.3	11.6	9.8	8.0	6.3	4.5	2.9
-43.75°	18.6	17.4	16.0	14.6	13.0	11.3	9.6	7.9	6.1	4.4	2.9
-45°	18.3	17.1	15.7	14.3	12.7	11.1	9.4	7.7	6.0	4.3	2.8
-46.25°	18.0	16.7	15.4	14.0	12.4	10.8	9.1	7.5	5.8	4.2	2.8
-47.5°	17.7	16.4	15.1	13.7	12.1	10.5	8.9	7.3	5.7	4.1	2.7
-48.75°	17.3	16.0	14.7	13.4	11.8	10.3	8.7	7.1	5.5	4.0	2.6
-50°	16.9	15.7	14.4	13.0	11.5	10.0	8.4	6.9	5.4	3.9	2.6
-51.25°	16.5	15.3	14.1	12.7	11.2	9.7	8.2	6.7	5.2	3.8	2.5
-52.5°	16.1	14.9	13.7	12.3	10.9	9.4	8.0	6.5	5.0	3.7	2.4
-53.75°	15.7	14.5	13.3	11.9	10.5	9.1	7.7	6.3	4.9	3.5	2.4
-55°	15.3	14.1	12.9	11.5	10.2	8.8	7.4	6.1	4.7	3.4	2.3
-56.25°	14.8	13.7	12.5	11.1	9.8	8.5	7.2	5.9	4.5	3.3	2.2
-57.5°	14.4	13.3	12.0	10.8	9.5	8.2	6.9	5.6	4.4	3.2	2.1
-58.75°	13.9	12.8	11.6	10.4	9.1	7.9	6.7	5.4	4.2	3.1	2.1
-60°	13.5	12.3	11.1	9.9	8.8	7.6	6.4	5.2	4.0	3.0	2.0
-61.25°	12.9	11.8	10.7	9.5	8.4	7.3	6.1	5.0	3.8	2.9	1.9
-62.5°	12.4	11.3	10.2	9.1	8.0	6.9	5.8	4.7	3.7	2.8	1.8
-63.75°	11.8	10.8	9.7	8.7	7.7	6.6	5.6	4.5	3.5	2.7	1.8
-65°	11.3	10.3	9.3	8.3	7.3	6.3	5.3	4.3	3.4	2.5	1.7
-66.25°	10.7	9.7	8.8	7.9	6.9	5.9	5.0	4.0	3.2	2.4	1.6
-67.5°	10.1	9.2	8.3	7.4	6.5	5.6	4.7	3.8	3.1	2.3	1.5
-68.75°	9.5	8.7	7.8	7.0	6.1	5.3	4.4	3.6	2.9	2.2	1.4
-70°	9.0	8.2	7.4	6.5	5.7	4.9	4.1	3.4	2.7	2.1	1.4
-71.25°	8.4	7.6	6.9	6.1	5.3	4.6	3.8	3.2	2.6	1.9	1.3
-72.5°	7.8	7.1	6.4	5.7	4.9	4.2	3.6	3.0	2.4	1.8	1.2
-73.75°	7.2	6.5	5.9	5.2	4.5	3.9	3.3	2.8	2.2	1.7	1.1
-75°	6.6	6.0	5.4	4.8	4.1	3.6	3.1	2.6	2.1	1.6	1.0
-76.25°	6.0	5.4	4.9	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0
-77.5°	5.4	4.9	4.4	3.9	3.4	3.0	2.6	2.2	1.7	1.3	0.9



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	4.8	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-80°	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-81.25°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-82.5°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
-83.75°	2.6	2.4	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
-85°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-86.25°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-87.5°	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-88.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.2	0.0
83.75°	0.2	0.0
82.5°	0.3	0.0
81.25°	0.3	0.0
80°	0.3	0.0
78.75°	0.4	0.0
77.5°	0.4	0.0
76.25°	0.5	0.0
75°	0.5	0.0
73.75°	0.6	0.0
72.5°	0.6	0.0
71.25°	0.6	0.0
70°	0.7	0.0
68.75°	0.7	0.0
67.5°	0.8	0.0
66.25°	0.8	0.0
65°	0.8	0.0
63.75°	0.9	0.0
62.5°	0.9	0.0
61.25°	1.0	0.0
60°	1.0	0.0
58.75°	1.0	0.0
57.5°	1.1	0.0
56.25°	1.1	0.0
55°	1.1	0.0
53.75°	1.2	0.0
52.5°	1.2	0.0
51.25°	1.3	0.0
50°	1.3	0.0
48.75°	1.3	0.0
47.5°	1.4	0.0
46.25°	1.4	0.0
45°	1.4	0.0
43.75°	1.4	0.0
42.5°	1.5	0.0
41.25°	1.5	0.0
40°	1.5	0.0
38.75°	1.6	0.0
37.5°	1.6	0.0
36.25°	1.6	0.0
35°	1.6	0.0



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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.7	0.0
32.5°	1.7	0.0
31.25°	1.7	0.0
30°	1.7	0.0
28.75°	1.8	0.0
27.5°	1.8	0.0
26.25°	1.8	0.0
25°	1.8	0.0
23.75°	1.8	0.0
22.5°	1.8	0.0
21.25°	1.9	0.0
20°	1.9	0.0
18.75°	1.9	0.0
17.5°	1.9	0.0
16.25°	1.9	0.0
15°	1.9	0.0
13.75°	1.9	0.0
12.5°	2.0	0.0
11.25°	2.0	0.0
10°	2.0	0.0
8.75°	2.0	0.0
7.5°	2.0	0.0
6.25°	2.0	0.0
5°	2.0	0.0
3.75°	2.0	0.0
2.5°	2.0	0.0
1.25°	2.0	0.0
0°	2.0	0.0
-1.25°	2.0	0.0
-2.5°	2.0	0.0
-3.75°	2.0	0.0
-5°	2.0	0.0
-6.25°	2.0	0.0
-7.5°	2.0	0.0
-8.75°	2.0	0.0
-10°	2.0	0.0
-11.25°	2.0	0.0
-12.5°	2.0	0.0
-13.75°	1.9	0.0
-15°	1.9	0.0
-16.25°	1.9	0.0
-17.5°	1.9	0.0
-18.75°	1.9	0.0
-20°	1.9	0.0
-21.25°	1.9	0.0



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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.8	0.0
-23.75°	1.8	0.0
-25°	1.8	0.0
-26.25°	1.8	0.0
-27.5°	1.8	0.0
-28.75°	1.8	0.0
-30°	1.7	0.0
-31.25°	1.7	0.0
-32.5°	1.7	0.0
-33.75°	1.7	0.0
-35°	1.6	0.0
-36.25°	1.6	0.0
-37.5°	1.6	0.0
-38.75°	1.6	0.0
-40°	1.5	0.0
-41.25°	1.5	0.0
-42.5°	1.5	0.0
-43.75°	1.4	0.0
-45°	1.4	0.0
-46.25°	1.4	0.0
-47.5°	1.4	0.0
-48.75°	1.3	0.0
-50°	1.3	0.0
-51.25°	1.3	0.0
-52.5°	1.2	0.0
-53.75°	1.2	0.0
-55°	1.1	0.0
-56.25°	1.1	0.0
-57.5°	1.1	0.0
-58.75°	1.0	0.0
-60°	1.0	0.0
-61.25°	1.0	0.0
-62.5°	0.9	0.0
-63.75°	0.9	0.0
-65°	0.8	0.0
-66.25°	0.8	0.0
-67.5°	0.8	0.0
-68.75°	0.7	0.0
-70°	0.7	0.0
-71.25°	0.6	0.0
-72.5°	0.6	0.0
-73.75°	0.6	0.0
-75°	0.5	0.0
-76.25°	0.5	0.0
-77.5°	0.4	0.0



REPORT NUMBER: P220499 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED3597-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.4	0.0
-80°	0.3	0.0
-81.25°	0.3	0.0
-82.5°	0.3	0.0
-83.75°	0.2	0.0
-85°	0.2	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)