

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: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

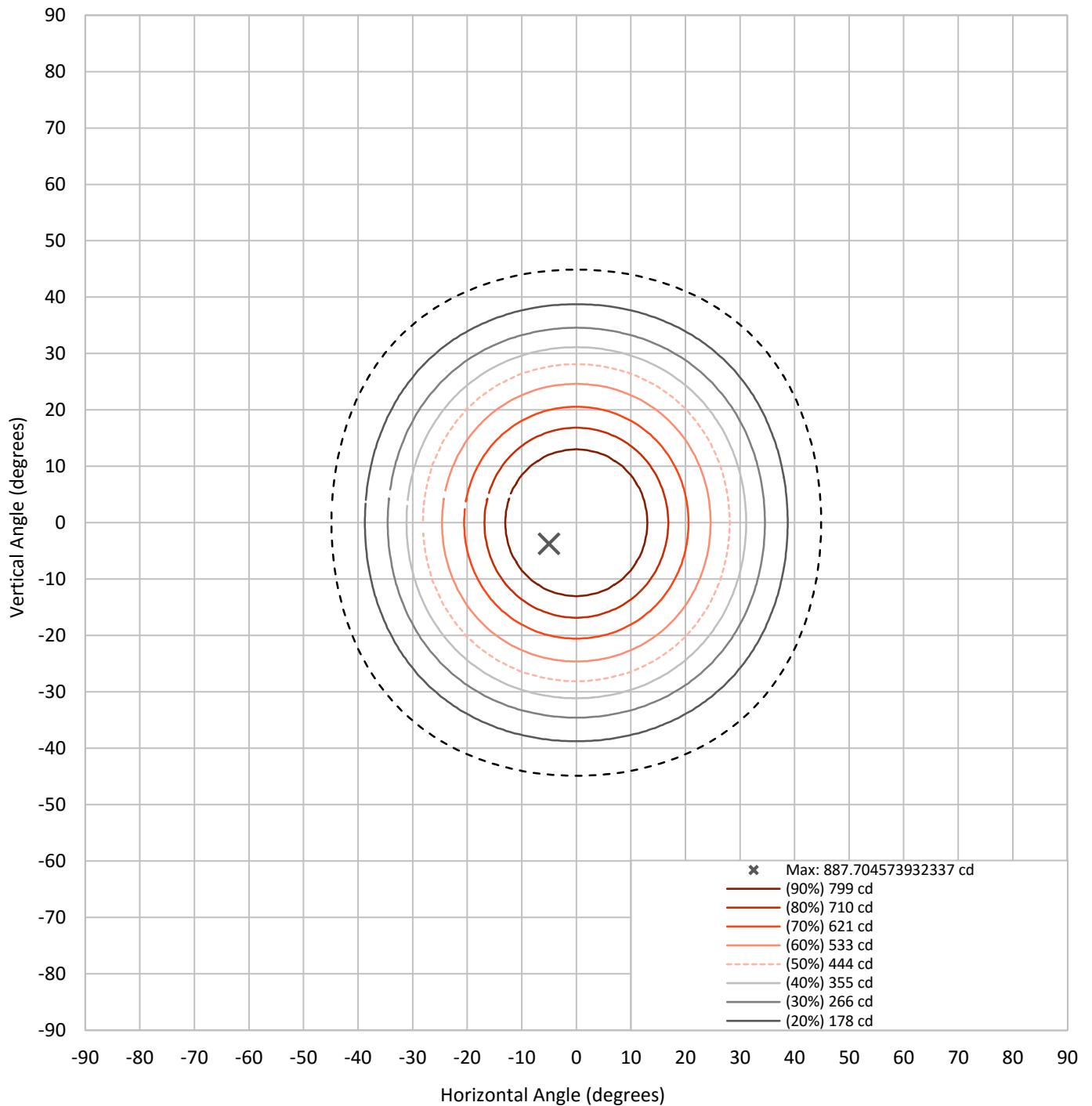
Test Method: LM-79-08
Report Number: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29412)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/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:	786.1 lumens	Max Intensity:	887.7 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	78.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.8°H x 55.5°V	Field Angle (10%):	89.6°H x 89.4°V
Beam Lumens:	488.5 lumens	Field Lumens:	734.6 lumens
Beam Efficiency:	62.1%	Field Efficiency:	93.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (A _{in}):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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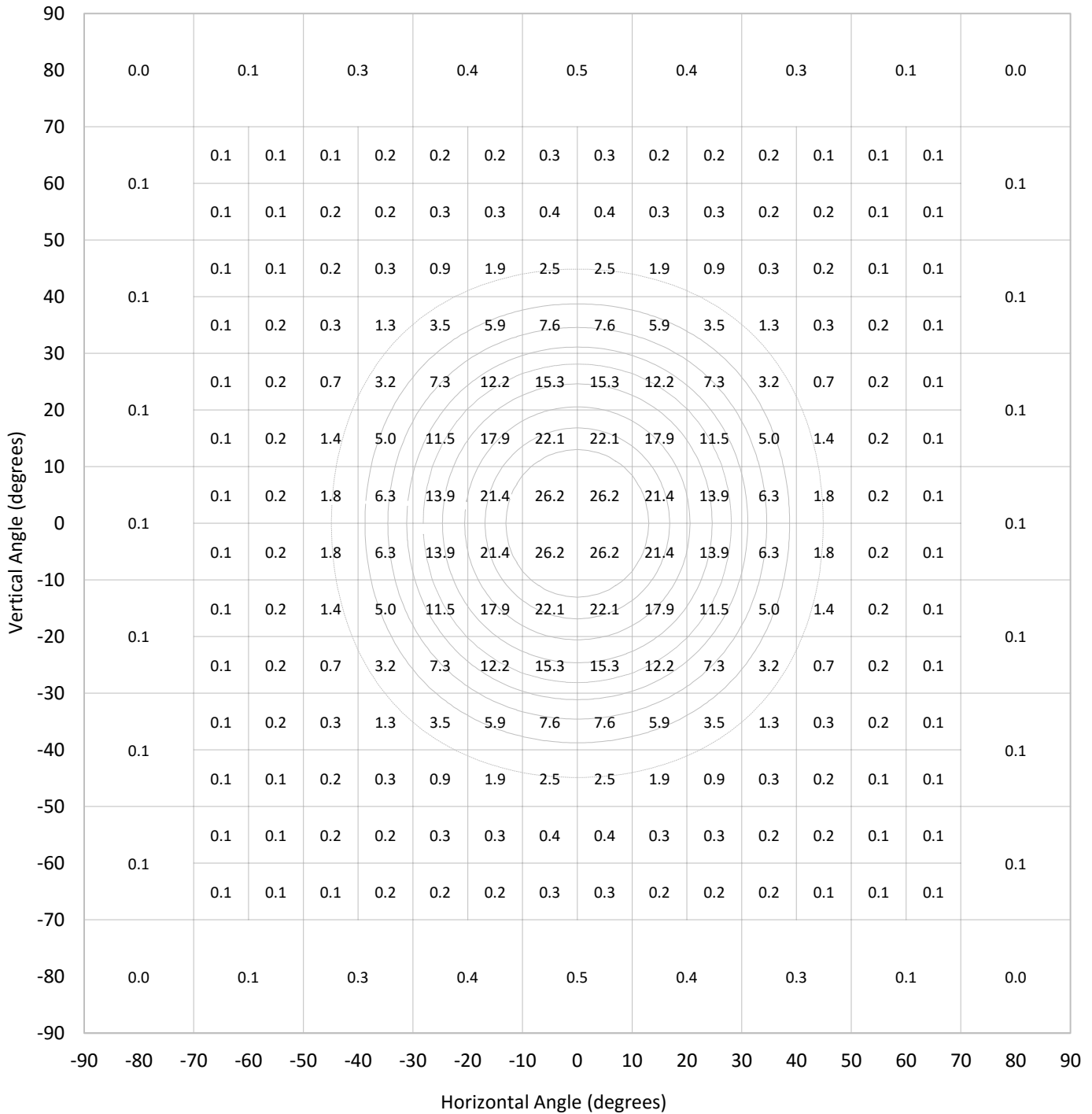
Iso-Candela Plot





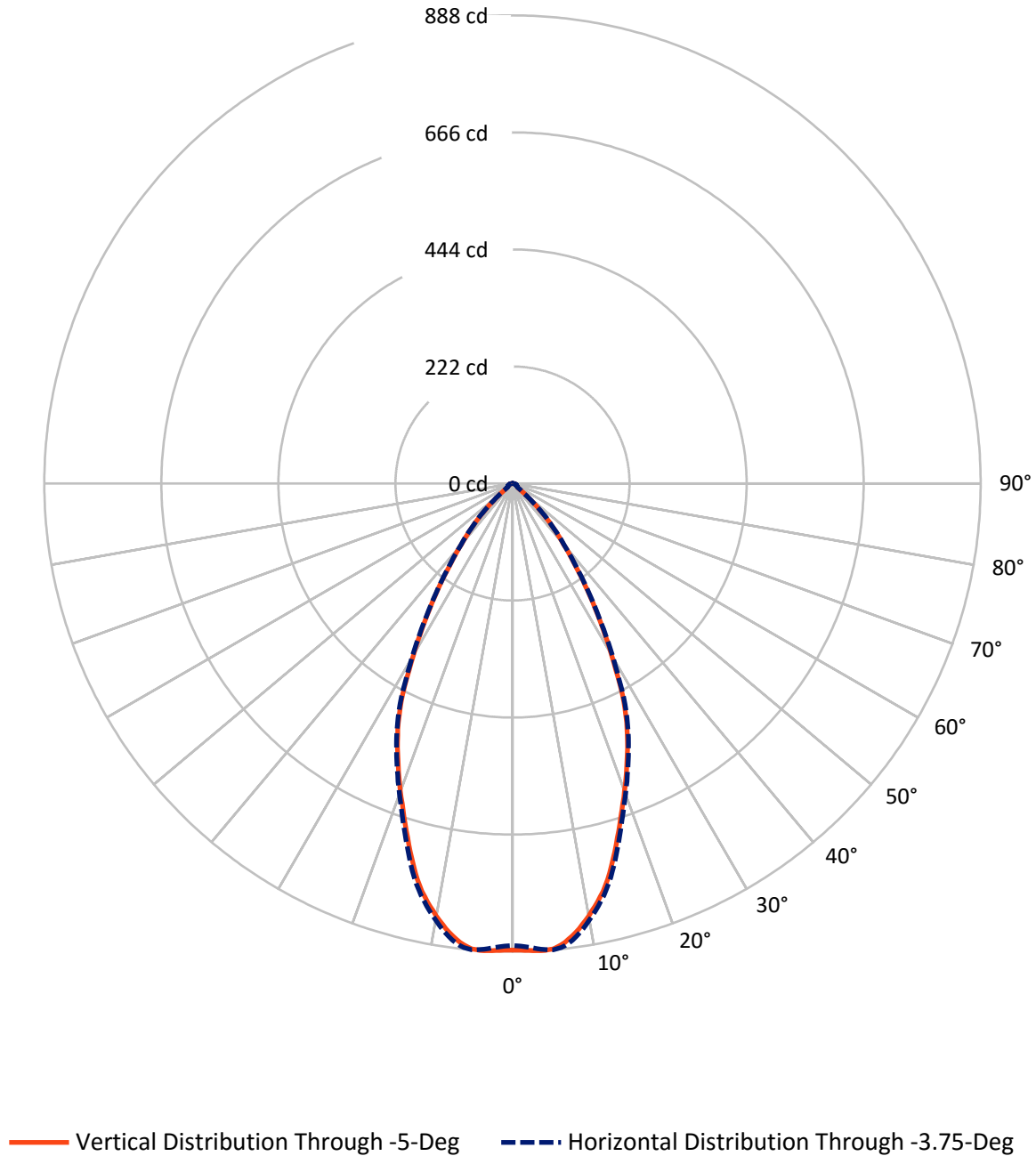
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Lumen Table



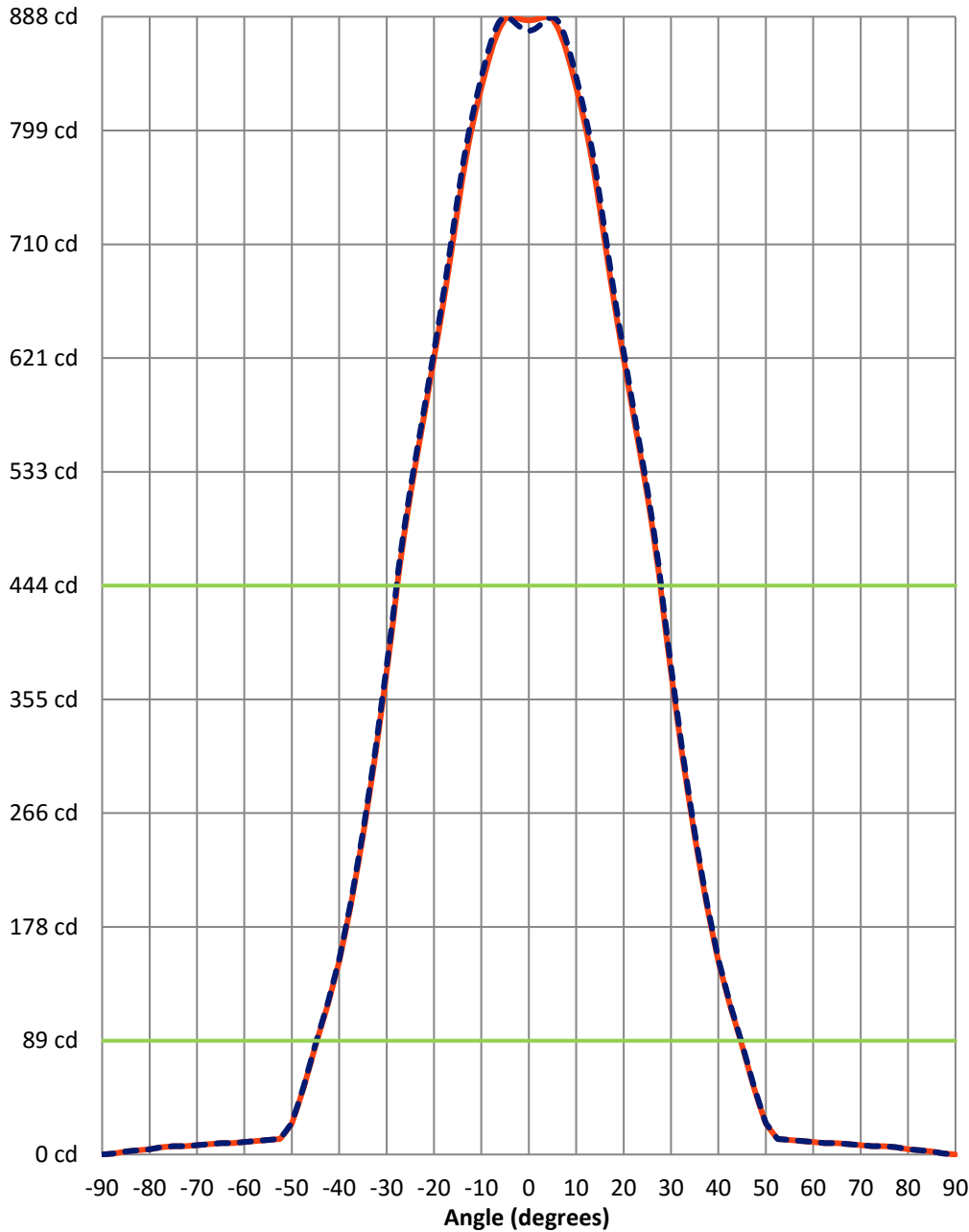
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 55.8°
 V Angle: 55.5°
 Lumens: 488.5
 Efficiency: 62.1%

Field:
 H Angle: 89.6°
 V Angle: 89.4°
 Lumens: 734.6
 Efficiency: 93.5%

Spill:
 Lumens: 51.4
 Efficiency: 6.5%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
81.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
78.75°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.1
75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.1	1.3
73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.4
72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.1	1.4	1.6
71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.5	1.8
70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.1	1.4	1.6	1.9
68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.5	1.8	2.1
67.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.6	1.9	2.2
66.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.8	2.1	2.4
65°	0.0	0.2	0.3	0.5	0.7	0.9	1.2	1.6	1.9	2.2	2.5
63.75°	0.0	0.2	0.4	0.5	0.7	1.0	1.3	1.7	2.0	2.4	2.6
62.5°	0.0	0.2	0.4	0.6	0.7	1.0	1.4	1.8	2.1	2.5	2.7
61.25°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.3	2.5	2.8
60°	0.0	0.2	0.4	0.6	0.8	1.2	1.6	2.0	2.4	2.6	2.8
58.75°	0.0	0.2	0.4	0.6	0.9	1.3	1.7	2.1	2.5	2.7	2.9
57.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.8	2.2	2.5	2.8	3.0
56.25°	0.0	0.2	0.4	0.7	1.0	1.4	1.9	2.3	2.6	2.8	3.1
55°	0.0	0.2	0.5	0.7	1.0	1.5	1.9	2.4	2.7	2.9	3.2
53.75°	0.0	0.2	0.5	0.7	1.1	1.6	2.0	2.5	2.7	3.0	3.2
52.5°	0.0	0.2	0.5	0.7	1.1	1.6	2.1	2.5	2.8	3.1	3.3
51.25°	0.0	0.3	0.5	0.8	1.2	1.7	2.2	2.6	2.8	3.1	3.4
50°	0.0	0.3	0.5	0.8	1.3	1.8	2.3	2.6	2.9	3.2	3.5
48.75°	0.0	0.3	0.5	0.8	1.3	1.8	2.4	2.7	3.0	3.3	3.5
47.5°	0.0	0.3	0.5	0.8	1.4	1.9	2.4	2.7	3.0	3.3	3.6
46.25°	0.0	0.3	0.6	0.9	1.4	2.0	2.5	2.8	3.1	3.4	3.7
45°	0.0	0.3	0.6	0.9	1.5	2.0	2.5	2.8	3.1	3.4	3.7
43.75°	0.0	0.3	0.6	0.9	1.5	2.1	2.5	2.9	3.2	3.5	3.8
42.5°	0.0	0.3	0.6	1.0	1.6	2.1	2.6	2.9	3.2	3.5	3.8
41.25°	0.0	0.3	0.6	1.0	1.6	2.2	2.6	3.0	3.3	3.6	3.9
40°	0.0	0.3	0.6	1.0	1.7	2.3	2.7	3.0	3.3	3.7	4.0
38.75°	0.0	0.3	0.6	1.1	1.7	2.3	2.7	3.1	3.4	3.7	4.0
37.5°	0.0	0.3	0.6	1.1	1.7	2.4	2.7	3.1	3.4	3.7	4.1
36.25°	0.0	0.3	0.6	1.1	1.8	2.4	2.8	3.1	3.5	3.8	4.1
35°	0.0	0.3	0.7	1.2	1.8	2.4	2.8	3.2	3.5	3.8	4.2



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.7	1.2	1.9	2.5	2.8	3.2	3.6	3.9	4.3
32.5°	0.0	0.3	0.7	1.2	1.9	2.5	2.9	3.3	3.6	3.9	4.4
31.25°	0.0	0.3	0.7	1.3	1.9	2.5	2.9	3.3	3.6	4.0	4.5
30°	0.0	0.3	0.7	1.3	2.0	2.5	2.9	3.3	3.7	4.0	4.6
28.75°	0.0	0.4	0.7	1.3	2.0	2.6	3.0	3.4	3.7	4.1	4.7
27.5°	0.0	0.4	0.7	1.3	2.0	2.6	3.0	3.4	3.7	4.1	4.8
26.25°	0.0	0.4	0.7	1.4	2.1	2.6	3.0	3.4	3.8	4.1	4.9
25°	0.0	0.4	0.7	1.4	2.1	2.6	3.0	3.4	3.8	4.2	4.9
23.75°	0.0	0.4	0.7	1.4	2.1	2.7	3.1	3.5	3.8	4.3	5.0
22.5°	0.0	0.4	0.7	1.4	2.2	2.7	3.1	3.5	3.9	4.3	5.1
21.25°	0.0	0.4	0.7	1.4	2.2	2.7	3.1	3.5	3.9	4.4	5.1
20°	0.0	0.4	0.8	1.5	2.2	2.7	3.1	3.5	3.9	4.5	5.2
18.75°	0.0	0.4	0.8	1.5	2.2	2.7	3.2	3.6	3.9	4.5	5.3
17.5°	0.0	0.4	0.8	1.5	2.3	2.7	3.2	3.6	4.0	4.6	5.3
16.25°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.6	5.4
15°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.7	5.4
13.75°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.7	5.5
12.5°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.7	5.5
11.25°	0.0	0.4	0.8	1.6	2.3	2.8	3.2	3.6	4.0	4.8	5.5
10°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.8	5.6
8.75°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.8	5.6
7.5°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.8	5.6
6.25°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
5°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
3.75°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
2.5°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
1.25°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
0°	0.0	0.4	0.8	1.6	2.4	2.9	3.3	3.7	4.1	4.9	5.7
-1.25°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
-2.5°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
-3.75°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
-5°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
-6.25°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.9	5.7
-7.5°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.8	5.6
-8.75°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.8	5.6
-10°	0.0	0.4	0.8	1.6	2.4	2.8	3.3	3.7	4.1	4.8	5.6
-11.25°	0.0	0.4	0.8	1.6	2.3	2.8	3.2	3.6	4.0	4.8	5.5
-12.5°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.7	5.5
-13.75°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.7	5.5
-15°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.7	5.4
-16.25°	0.0	0.4	0.8	1.5	2.3	2.8	3.2	3.6	4.0	4.6	5.4
-17.5°	0.0	0.4	0.8	1.5	2.3	2.7	3.2	3.6	4.0	4.6	5.3
-18.75°	0.0	0.4	0.8	1.5	2.2	2.7	3.2	3.6	3.9	4.5	5.3
-20°	0.0	0.4	0.8	1.5	2.2	2.7	3.1	3.5	3.9	4.5	5.2
-21.25°	0.0	0.4	0.7	1.4	2.2	2.7	3.1	3.5	3.9	4.4	5.1



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	5.0	5.7	6.0	6.3	6.5	6.5	6.5	6.8	7.2	7.5	7.8
32.5°	5.1	5.7	6.1	6.4	6.5	6.5	6.6	6.9	7.3	7.6	7.9
31.25°	5.2	5.8	6.1	6.5	6.5	6.5	6.7	7.0	7.3	7.7	8.0
30°	5.3	5.8	6.2	6.5	6.5	6.5	6.8	7.1	7.4	7.8	8.1
28.75°	5.4	5.9	6.2	6.5	6.5	6.5	6.8	7.2	7.5	7.9	8.2
27.5°	5.5	5.9	6.3	6.5	6.5	6.6	6.9	7.2	7.6	7.9	8.3
26.25°	5.6	6.0	6.4	6.5	6.5	6.6	7.0	7.3	7.7	8.0	8.4
25°	5.7	6.0	6.4	6.5	6.5	6.7	7.0	7.4	7.8	8.1	8.5
23.75°	5.7	6.1	6.4	6.5	6.5	6.7	7.1	7.5	7.8	8.2	8.5
22.5°	5.8	6.1	6.5	6.5	6.5	6.8	7.2	7.5	7.9	8.3	8.6
21.25°	5.8	6.2	6.5	6.5	6.5	6.8	7.2	7.6	8.0	8.3	8.7
20°	5.8	6.2	6.5	6.5	6.5	6.9	7.3	7.6	8.0	8.4	8.8
18.75°	5.9	6.2	6.5	6.5	6.6	6.9	7.3	7.7	8.1	8.4	8.8
17.5°	5.9	6.3	6.5	6.5	6.6	7.0	7.4	7.7	8.1	8.5	8.9
16.25°	5.9	6.3	6.5	6.5	6.7	7.0	7.4	7.8	8.2	8.6	8.9
15°	5.9	6.3	6.5	6.5	6.7	7.1	7.5	7.8	8.2	8.6	8.9
13.75°	6.0	6.4	6.5	6.5	6.7	7.1	7.5	7.9	8.3	8.7	8.9
12.5°	6.0	6.4	6.5	6.5	6.8	7.1	7.5	7.9	8.3	8.7	8.9
11.25°	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0	8.3	8.7	8.9
10°	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0	8.4	8.8	8.9
8.75°	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0	8.4	8.8	8.9
7.5°	6.1	6.5	6.5	6.5	6.8	7.2	7.6	8.0	8.4	8.8	8.9
6.25°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.8	8.9
5°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
3.75°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
2.5°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
1.25°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
0°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
-1.25°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
-2.5°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
-3.75°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
-5°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.9	8.9
-6.25°	6.1	6.5	6.5	6.5	6.9	7.3	7.7	8.1	8.5	8.8	8.9
-7.5°	6.1	6.5	6.5	6.5	6.8	7.2	7.6	8.0	8.4	8.8	8.9
-8.75°	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0	8.4	8.8	8.9
-10°	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0	8.4	8.8	8.9
-11.25°	6.0	6.4	6.5	6.5	6.8	7.2	7.6	8.0	8.3	8.7	8.9
-12.5°	6.0	6.4	6.5	6.5	6.8	7.1	7.5	7.9	8.3	8.7	8.9
-13.75°	6.0	6.4	6.5	6.5	6.7	7.1	7.5	7.9	8.3	8.7	8.9
-15°	5.9	6.3	6.5	6.5	6.7	7.1	7.5	7.8	8.2	8.6	8.9
-16.25°	5.9	6.3	6.5	6.5	6.7	7.0	7.4	7.8	8.2	8.6	8.9
-17.5°	5.9	6.3	6.5	6.5	6.6	7.0	7.4	7.7	8.1	8.5	8.9
-18.75°	5.9	6.2	6.5	6.5	6.6	6.9	7.3	7.7	8.1	8.4	8.8
-20°	5.8	6.2	6.5	6.5	6.5	6.9	7.3	7.6	8.0	8.4	8.8
-21.25°	5.8	6.2	6.5	6.5	6.5	6.8	7.2	7.6	8.0	8.3	8.7



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0.9	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.4
-80°	0.8	0.8	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0
-81.25°	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3
-83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0
-85°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-86.25°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-87.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
85°	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3
83.75°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8
82.5°	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.3
81.25°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.6
80°	2.1	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9
78.75°	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.1	3.1	3.2
77.5°	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5
76.25°	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7
75°	3.1	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.9	4.0
73.75°	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.2	4.3
72.5°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.3	4.5	4.6	4.8
71.25°	3.6	3.7	3.9	4.0	4.1	4.3	4.5	4.7	4.9	5.1	5.3
70°	3.8	3.9	4.1	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8
68.75°	4.0	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	5.9	6.0
67.5°	4.2	4.5	4.8	5.0	5.3	5.6	5.8	5.9	6.0	6.1	6.3
66.25°	4.6	4.8	5.1	5.4	5.7	5.8	6.0	6.1	6.2	6.4	6.5
65°	4.9	5.2	5.5	5.8	5.9	6.0	6.2	6.3	6.5	6.5	6.5
63.75°	5.2	5.6	5.8	5.9	6.1	6.3	6.4	6.5	6.5	6.5	6.5
62.5°	5.6	5.8	6.0	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5
61.25°	5.8	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.7
60°	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.9
58.75°	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.8	7.0	7.1
57.5°	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.8	7.0	7.2	7.4
56.25°	6.5	6.5	6.5	6.5	6.5	6.7	6.8	7.0	7.2	7.4	7.6
55°	6.5	6.5	6.5	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.8
53.75°	6.5	6.5	6.5	6.6	6.8	7.0	7.2	7.4	7.7	7.9	8.0
52.5°	6.5	6.5	6.6	6.8	7.0	7.2	7.4	7.7	7.9	8.1	8.3
51.25°	6.5	6.5	6.7	7.0	7.2	7.4	7.6	7.9	8.1	8.3	8.5
50°	6.5	6.7	6.9	7.1	7.4	7.6	7.8	8.0	8.3	8.5	8.7
48.75°	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.5	8.7	8.9
47.5°	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.7	8.9	8.9
46.25°	6.9	7.1	7.4	7.6	7.9	8.1	8.4	8.6	8.9	8.9	8.9
45°	7.0	7.3	7.5	7.8	8.0	8.3	8.6	8.8	8.9	8.9	8.9
43.75°	7.1	7.4	7.7	7.9	8.2	8.5	8.7	8.9	8.9	8.9	9.0
42.5°	7.3	7.5	7.8	8.1	8.4	8.6	8.9	8.9	8.9	8.9	9.2
41.25°	7.4	7.7	8.0	8.2	8.5	8.8	8.9	8.9	8.9	9.1	9.4
40°	7.5	7.8	8.1	8.4	8.7	8.9	8.9	8.9	9.0	9.3	9.6
38.75°	7.7	8.0	8.2	8.5	8.8	8.9	8.9	8.9	9.2	9.5	9.8
37.5°	7.8	8.1	8.4	8.7	8.9	8.9	8.9	9.1	9.4	9.7	10.0
36.25°	7.9	8.2	8.5	8.8	8.9	8.9	8.9	9.3	9.6	9.9	10.2
35°	8.0	8.3	8.6	8.9	8.9	8.9	9.1	9.4	9.8	10.1	10.4



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	8.1	8.4	8.8	8.9	8.9	8.9	9.3	9.6	9.9	10.2	10.5
32.5°	8.2	8.6	8.9	8.9	8.9	9.1	9.4	9.8	10.1	10.4	10.7
31.25°	8.3	8.7	8.9	8.9	8.9	9.2	9.6	9.9	10.2	10.6	10.9
30°	8.4	8.8	8.9	8.9	9.0	9.4	9.7	10.1	10.4	10.7	11.0
28.75°	8.5	8.9	8.9	8.9	9.1	9.5	9.9	10.2	10.5	10.9	11.2
27.5°	8.6	8.9	8.9	8.9	9.2	9.6	10.0	10.3	10.7	11.0	11.3
26.25°	8.7	8.9	8.9	9.0	9.4	9.8	10.1	10.4	10.8	11.1	11.5
25°	8.8	8.9	8.9	9.1	9.5	9.9	10.2	10.6	10.9	11.3	11.6
23.75°	8.9	8.9	8.9	9.2	9.6	10.0	10.3	10.7	11.0	11.4	11.7
22.5°	8.9	8.9	8.9	9.3	9.7	10.1	10.4	10.8	11.2	11.5	11.9
21.25°	8.9	8.9	9.0	9.4	9.8	10.2	10.5	10.9	11.3	11.6	12.0
20°	8.9	8.9	9.1	9.5	9.9	10.3	10.6	11.0	11.4	11.7	12.1
18.75°	8.9	8.9	9.2	9.6	10.0	10.4	10.7	11.1	11.5	11.8	12.2
17.5°	8.9	8.9	9.3	9.7	10.1	10.4	10.8	11.2	11.6	11.9	13.8
16.25°	8.9	8.9	9.3	9.8	10.1	10.5	10.9	11.3	11.6	12.0	15.3
15°	8.9	9.0	9.4	9.8	10.2	10.6	11.0	11.3	11.7	12.1	16.8
13.75°	8.9	9.0	9.5	9.9	10.3	10.7	11.0	11.4	11.8	12.2	18.1
12.5°	8.9	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	13.1	19.3
11.25°	8.9	9.1	9.6	10.0	10.4	10.8	11.2	11.5	11.9	14.1	20.4
10°	8.9	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	15.1	21.4
8.75°	8.9	9.2	9.7	10.1	10.5	10.9	11.3	11.6	12.0	15.9	22.3
7.5°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	16.7	23.1
6.25°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	17.3	23.7
5°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.7	12.1	17.8	24.2
3.75°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.2	24.7
2.5°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.5	25.0
1.25°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.6	25.1
0°	8.9	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.7	25.2
-1.25°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.6	25.1
-2.5°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.5	25.0
-3.75°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.8	12.2	18.5	25.0
-5°	8.9	9.3	9.8	10.2	10.6	11.0	11.4	11.7	12.1	17.8	24.2
-6.25°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	17.3	23.7
-7.5°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.1	16.7	23.1
-8.75°	8.9	9.2	9.7	10.1	10.5	10.9	11.3	11.6	12.0	15.9	22.3
-10°	8.9	9.2	9.6	10.0	10.4	10.8	11.2	11.6	12.0	15.1	21.4
-11.25°	8.9	9.1	9.6	10.0	10.4	10.8	11.2	11.5	11.9	14.1	20.4
-12.5°	8.9	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	13.1	19.3
-13.75°	8.9	9.0	9.5	9.9	10.3	10.7	11.0	11.4	11.8	12.2	18.1
-15°	8.9	9.0	9.4	9.8	10.2	10.6	11.0	11.3	11.7	12.1	16.8
-16.25°	8.9	8.9	9.3	9.8	10.1	10.5	10.9	11.3	11.6	12.0	15.3
-17.5°	8.9	8.9	9.3	9.7	10.1	10.4	10.8	11.2	11.6	11.9	13.8
-18.75°	8.9	8.9	9.2	9.6	10.0	10.4	10.7	11.1	11.5	11.8	12.2
-20°	8.9	8.9	9.1	9.5	9.9	10.3	10.6	11.0	11.4	11.7	12.1
-21.25°	8.9	8.9	9.0	9.4	9.8	10.2	10.5	10.9	11.3	11.6	12.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	8.9	8.9	8.9	9.3	9.7	10.1	10.4	10.8	11.2	11.5	11.9
-23.75°	8.9	8.9	8.9	9.2	9.6	10.0	10.3	10.7	11.0	11.4	11.7
-25°	8.8	8.9	8.9	9.1	9.5	9.9	10.2	10.6	10.9	11.3	11.6
-26.25°	8.7	8.9	8.9	9.0	9.4	9.8	10.1	10.4	10.8	11.1	11.5
-27.5°	8.6	8.9	8.9	8.9	9.2	9.6	10.0	10.3	10.7	11.0	11.3
-28.75°	8.5	8.9	8.9	8.9	9.1	9.5	9.9	10.2	10.5	10.9	11.2
-30°	8.4	8.8	8.9	8.9	9.0	9.4	9.7	10.1	10.4	10.7	11.0
-31.25°	8.3	8.7	8.9	8.9	8.9	9.2	9.6	9.9	10.2	10.6	10.9
-32.5°	8.2	8.6	8.9	8.9	8.9	9.1	9.4	9.8	10.1	10.4	10.7
-33.75°	8.1	8.4	8.8	8.9	8.9	8.9	9.3	9.6	9.9	10.2	10.5
-35°	8.0	8.3	8.6	8.9	8.9	8.9	9.1	9.4	9.8	10.1	10.4
-36.25°	7.9	8.2	8.5	8.8	8.9	8.9	8.9	9.3	9.6	9.9	10.2
-37.5°	7.8	8.1	8.4	8.7	8.9	8.9	8.9	9.1	9.4	9.7	10.0
-38.75°	7.7	8.0	8.2	8.5	8.8	8.9	8.9	8.9	9.2	9.5	9.8
-40°	7.5	7.8	8.1	8.4	8.7	8.9	8.9	8.9	9.0	9.3	9.6
-41.25°	7.4	7.7	8.0	8.2	8.5	8.8	8.9	8.9	8.9	9.1	9.4
-42.5°	7.3	7.5	7.8	8.1	8.4	8.6	8.9	8.9	8.9	8.9	9.2
-43.75°	7.1	7.4	7.7	7.9	8.2	8.5	8.7	8.9	8.9	8.9	9.0
-45°	7.0	7.3	7.5	7.8	8.0	8.3	8.6	8.8	8.9	8.9	8.9
-46.25°	6.9	7.1	7.4	7.6	7.9	8.1	8.4	8.6	8.9	8.9	8.9
-47.5°	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.7	8.9	8.9
-48.75°	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.5	8.7	8.9
-50°	6.5	6.7	6.9	7.1	7.4	7.6	7.8	8.0	8.3	8.5	8.7
-51.25°	6.5	6.5	6.7	7.0	7.2	7.4	7.6	7.9	8.1	8.3	8.5
-52.5°	6.5	6.5	6.6	6.8	7.0	7.2	7.4	7.7	7.9	8.1	8.3
-53.75°	6.5	6.5	6.5	6.6	6.8	7.0	7.2	7.4	7.7	7.9	8.0
-55°	6.5	6.5	6.5	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.8
-56.25°	6.5	6.5	6.5	6.5	6.5	6.7	6.8	7.0	7.2	7.4	7.6
-57.5°	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.8	7.0	7.2	7.4
-58.75°	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.8	7.0	7.1
-60°	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.9
-61.25°	5.8	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.7
-62.5°	5.6	5.8	6.0	6.1	6.3	6.5	6.5	6.5	6.5	6.5	6.5
-63.75°	5.2	5.6	5.8	5.9	6.1	6.3	6.4	6.5	6.5	6.5	6.5
-65°	4.9	5.2	5.5	5.8	5.9	6.0	6.2	6.3	6.5	6.5	6.5
-66.25°	4.6	4.8	5.1	5.4	5.7	5.8	6.0	6.1	6.2	6.4	6.5
-67.5°	4.2	4.5	4.8	5.0	5.3	5.6	5.8	5.9	6.0	6.1	6.3
-68.75°	4.0	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	5.9	6.0
-70°	3.8	3.9	4.1	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8
-71.25°	3.6	3.7	3.9	4.0	4.1	4.3	4.5	4.7	4.9	5.1	5.3
-72.5°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.3	4.5	4.6	4.8
-73.75°	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.2	4.3
-75°	3.1	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.9	4.0
-76.25°	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7
-77.5°	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.1	3.1	3.2
-80°	2.1	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9
-81.25°	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.6
-82.5°	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.3
-83.75°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.8
-85°	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3
-86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
83.75°	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4
82.5°	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
81.25°	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1
80°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5
78.75°	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.8
77.5°	3.5	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1
76.25°	3.8	3.9	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8
75°	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.2	5.3	5.4
73.75°	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
72.5°	5.0	5.2	5.4	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2
71.25°	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5
70°	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.5	6.5	6.5
68.75°	6.1	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
67.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.7
66.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.8	6.9	7.0
65°	6.5	6.5	6.5	6.5	6.6	6.7	6.8	6.9	7.1	7.2	7.3
63.75°	6.5	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.6
62.5°	6.6	6.7	6.9	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9
61.25°	6.8	7.0	7.1	7.3	7.4	7.5	7.7	7.8	8.0	8.1	8.2
60°	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.4	8.5
58.75°	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8
57.5°	7.5	7.7	7.9	8.0	8.2	8.4	8.5	8.7	8.8	8.9	8.9
56.25°	7.8	8.0	8.1	8.3	8.5	8.6	8.8	8.9	8.9	8.9	8.9
55°	8.0	8.2	8.4	8.6	8.7	8.9	8.9	8.9	8.9	8.9	8.9
53.75°	8.2	8.4	8.6	8.8	8.9	8.9	8.9	8.9	8.9	9.1	9.3
52.5°	8.5	8.7	8.9	8.9	8.9	8.9	8.9	9.0	9.2	9.4	9.6
51.25°	8.7	8.9	8.9	8.9	8.9	8.9	9.1	9.3	9.5	9.7	9.9
50°	8.9	8.9	8.9	8.9	9.0	9.2	9.4	9.6	9.8	10.0	10.2
48.75°	8.9	8.9	8.9	9.0	9.2	9.5	9.7	9.9	10.1	10.3	10.5
47.5°	8.9	8.9	9.0	9.3	9.5	9.8	10.0	10.2	10.4	10.6	10.8
46.25°	8.9	9.0	9.3	9.5	9.8	10.0	10.2	10.4	10.6	10.8	11.0
45°	9.0	9.3	9.5	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.3
43.75°	9.2	9.5	9.8	10.0	10.3	10.5	10.7	11.0	11.2	11.4	11.6
42.5°	9.5	9.8	10.0	10.3	10.5	10.7	11.0	11.2	11.4	11.7	11.9
41.25°	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.9	12.1
40°	9.9	10.2	10.4	10.7	11.0	11.2	11.5	11.7	11.9	12.2	15.6
38.75°	10.1	10.4	10.6	10.9	11.2	11.4	11.7	11.9	12.2	16.0	19.9
37.5°	10.3	10.6	10.8	11.1	11.4	11.7	11.9	12.2	16.0	20.0	24.0
36.25°	10.5	10.8	11.0	11.3	11.6	11.9	12.1	15.6	19.9	24.0	31.8
35°	10.7	11.0	11.2	11.5	11.8	12.1	14.9	19.3	23.7	31.4	40.9



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	10.8	11.1	11.4	11.7	12.0	13.8	18.4	22.9	30.2	40.1	49.8
32.5°	11.0	11.3	11.6	11.9	12.4	17.1	21.8	28.1	38.4	48.5	59.1
31.25°	11.2	11.5	11.8	12.1	15.5	20.4	25.2	35.9	46.4	57.2	68.9
30°	11.3	11.7	12.0	13.6	18.6	23.5	32.5	43.4	54.2	66.4	78.4
28.75°	11.5	11.8	12.1	16.4	21.5	28.4	39.6	50.8	62.9	75.4	87.7
27.5°	11.7	12.0	13.9	19.2	24.4	35.0	46.5	58.5	71.4	84.1	96.1
26.25°	11.8	12.1	16.5	21.9	29.7	41.5	53.2	66.4	79.6	92.2	104.1
25°	11.9	13.5	19.0	24.4	35.7	47.7	60.5	74.0	87.5	99.8	112.0
23.75°	12.1	15.8	21.4	29.1	41.4	53.7	67.6	81.4	94.6	107.1	119.7
22.5°	12.3	18.0	23.7	34.4	47.0	60.2	74.4	88.4	101.3	114.1	128.1
21.25°	14.4	20.1	26.7	39.5	52.3	66.5	80.9	94.7	107.8	121.2	136.2
20°	16.3	22.1	31.4	44.4	57.7	72.5	87.1	100.6	114.0	128.7	144.0
18.75°	18.1	24.0	35.8	49.0	63.2	78.2	92.6	106.3	120.1	135.8	151.3
17.5°	19.8	26.5	39.9	53.3	68.4	83.5	97.8	111.6	126.6	142.5	159.5
16.25°	21.4	30.3	43.9	57.8	73.2	88.5	102.6	116.7	132.6	148.8	168.0
15°	22.9	33.8	47.5	62.1	77.7	92.9	107.1	121.8	138.3	154.9	176.0
13.75°	24.3	37.0	50.9	66.2	81.9	96.9	111.3	126.9	143.6	162.0	183.4
12.5°	26.0	40.0	54.0	69.9	85.8	100.6	115.2	131.6	148.5	168.6	190.3
11.25°	28.6	42.7	57.1	73.2	89.2	104.0	118.7	135.9	152.9	174.5	196.5
10°	30.9	45.1	60.0	76.3	92.1	107.0	122.4	139.7	157.7	180.0	202.4
8.75°	33.0	47.3	62.6	78.9	94.7	109.7	125.7	143.1	162.3	184.8	208.3
7.5°	34.8	49.2	64.9	81.3	96.9	112.0	128.5	146.1	166.3	189.0	213.5
6.25°	36.3	50.8	66.8	83.3	98.8	114.0	131.0	148.6	169.7	192.5	217.8
5°	37.6	52.1	68.3	84.9	100.4	115.7	132.9	150.7	172.5	195.5	221.5
3.75°	38.5	53.1	69.5	86.2	101.6	117.0	134.5	152.3	174.7	197.7	224.3
2.5°	39.2	53.8	70.4	87.1	102.5	117.9	135.6	153.5	176.3	199.4	226.3
1.25°	39.7	54.3	70.9	87.6	103.0	118.4	136.3	154.2	177.2	200.4	227.5
0°	39.8	54.4	71.1	87.8	103.2	118.6	136.5	154.4	177.6	200.7	227.9
-1.25°	39.7	54.3	70.9	87.6	103.0	118.4	136.3	154.2	177.2	200.4	227.5
-2.5°	39.2	53.8	70.4	87.1	102.5	117.9	135.6	153.5	176.3	199.4	226.3
-3.75°	38.5	53.1	69.5	86.2	101.6	117.0	134.5	152.3	174.7	197.7	224.3
-5°	37.6	52.1	68.3	84.9	100.4	115.7	132.9	150.7	172.5	195.5	221.5
-6.25°	36.3	50.8	66.8	83.3	98.8	114.0	131.0	148.6	169.7	192.5	217.8
-7.5°	34.8	49.2	64.9	81.3	96.9	112.0	128.5	146.1	166.3	189.0	213.5
-8.75°	33.0	47.3	62.6	78.9	94.7	109.7	125.7	143.1	162.3	184.8	208.3
-10°	30.9	45.1	60.0	76.3	92.1	107.0	122.4	139.7	157.7	180.0	202.4
-11.25°	28.6	42.7	57.1	73.2	89.2	104.0	118.7	135.9	152.9	174.5	196.5
-12.5°	26.0	40.0	54.0	69.9	85.8	100.6	115.2	131.6	148.5	168.6	190.3
-13.75°	24.3	37.0	50.9	66.2	81.9	96.9	111.3	126.9	143.6	162.0	183.4
-15°	22.9	33.8	47.5	62.1	77.7	92.9	107.1	121.8	138.3	154.9	176.0
-16.25°	21.4	30.3	43.9	57.8	73.2	88.5	102.6	116.7	132.6	148.8	168.0
-17.5°	19.8	26.5	39.9	53.3	68.4	83.5	97.8	111.6	126.6	142.5	159.5
-18.75°	18.1	24.0	35.8	49.0	63.2	78.2	92.6	106.3	120.1	135.8	151.3
-20°	16.3	22.1	31.4	44.4	57.7	72.5	87.1	100.6	114.0	128.7	144.0
-21.25°	14.4	20.1	26.7	39.5	52.3	66.5	80.9	94.7	107.8	121.2	136.2



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	12.3	18.0	23.7	34.4	47.0	60.2	74.4	88.4	101.3	114.1	128.1
-23.75°	12.1	15.8	21.4	29.1	41.4	53.7	67.6	81.4	94.6	107.1	119.7
-25°	11.9	13.5	19.0	24.4	35.7	47.7	60.5	74.0	87.5	99.8	112.0
-26.25°	11.8	12.1	16.5	21.9	29.7	41.5	53.2	66.4	79.6	92.2	104.1
-27.5°	11.7	12.0	13.9	19.2	24.4	35.0	46.5	58.5	71.4	84.1	96.1
-28.75°	11.5	11.8	12.1	16.4	21.5	28.4	39.6	50.8	62.9	75.4	87.7
-30°	11.3	11.7	12.0	13.6	18.6	23.5	32.5	43.4	54.2	66.4	78.4
-31.25°	11.2	11.5	11.8	12.1	15.5	20.4	25.2	35.9	46.4	57.2	68.9
-32.5°	11.0	11.3	11.6	11.9	12.4	17.1	21.8	28.1	38.4	48.5	59.1
-33.75°	10.8	11.1	11.4	11.7	12.0	13.8	18.4	22.9	30.2	40.1	49.8
-35°	10.7	11.0	11.2	11.5	11.8	12.1	14.9	19.3	23.7	31.4	40.9
-36.25°	10.5	10.8	11.0	11.3	11.6	11.9	12.1	15.6	19.9	24.0	31.8
-37.5°	10.3	10.6	10.8	11.1	11.4	11.7	11.9	12.2	16.0	20.0	24.0
-38.75°	10.1	10.4	10.6	10.9	11.2	11.4	11.7	11.9	12.2	16.0	19.9
-40°	9.9	10.2	10.4	10.7	11.0	11.2	11.5	11.7	11.9	12.2	15.6
-41.25°	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.9	12.1
-42.5°	9.5	9.8	10.0	10.3	10.5	10.7	11.0	11.2	11.4	11.7	11.9
-43.75°	9.2	9.5	9.8	10.0	10.3	10.5	10.7	11.0	11.2	11.4	11.6
-45°	9.0	9.3	9.5	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.3
-46.25°	8.9	9.0	9.3	9.5	9.8	10.0	10.2	10.4	10.6	10.8	11.0
-47.5°	8.9	8.9	9.0	9.3	9.5	9.8	10.0	10.2	10.4	10.6	10.8
-48.75°	8.9	8.9	8.9	9.0	9.2	9.5	9.7	9.9	10.1	10.3	10.5
-50°	8.9	8.9	8.9	8.9	9.0	9.2	9.4	9.6	9.8	10.0	10.2
-51.25°	8.7	8.9	8.9	8.9	8.9	8.9	9.1	9.3	9.5	9.7	9.9
-52.5°	8.5	8.7	8.9	8.9	8.9	8.9	8.9	9.0	9.2	9.4	9.6
-53.75°	8.2	8.4	8.6	8.8	8.9	8.9	8.9	8.9	8.9	9.1	9.3
-55°	8.0	8.2	8.4	8.6	8.7	8.9	8.9	8.9	8.9	8.9	8.9
-56.25°	7.8	8.0	8.1	8.3	8.5	8.6	8.8	8.9	8.9	8.9	8.9
-57.5°	7.5	7.7	7.9	8.0	8.2	8.4	8.5	8.7	8.8	8.9	8.9
-58.75°	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8
-60°	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.4	8.5
-61.25°	6.8	7.0	7.1	7.3	7.4	7.5	7.7	7.8	8.0	8.1	8.2
-62.5°	6.6	6.7	6.9	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9
-63.75°	6.5	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.6
-65°	6.5	6.5	6.5	6.5	6.6	6.7	6.8	6.9	7.1	7.2	7.3
-66.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.8	6.9	7.0
-67.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.7
-68.75°	6.1	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-70°	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.5	6.5	6.5
-71.25°	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5
-72.5°	5.0	5.2	5.4	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2
-73.75°	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
-75°	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.2	5.3	5.4
-76.25°	3.8	3.9	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8
-77.5°	3.5	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.7	3.8
-80°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5
-81.25°	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1
-82.5°	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-83.75°	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4
-85°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
-86.25°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
-87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
85°	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2
83.75°	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7
82.5°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1
81.25°	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5	3.5
80°	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9
78.75°	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.3	4.3
77.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1
76.25°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
75°	5.5	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1
73.75°	5.9	6.0	6.1	6.1	6.2	6.2	6.3	6.4	6.4	6.4	6.5
72.5°	6.3	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
71.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
70°	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.8
68.75°	6.5	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2
67.5°	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.5
66.25°	7.1	7.2	7.3	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9
65°	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.3
63.75°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.5	8.6
62.5°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9
61.25°	8.3	8.4	8.6	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9
60°	8.6	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
58.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.3
57.5°	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.4	9.5	9.6	9.7
56.25°	8.9	8.9	9.1	9.2	9.4	9.5	9.6	9.8	9.9	10.0	10.1
55°	9.1	9.3	9.4	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.4
53.75°	9.4	9.6	9.8	9.9	10.1	10.2	10.3	10.4	10.6	10.7	10.8
52.5°	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.0	11.2
51.25°	10.1	10.2	10.4	10.6	10.7	10.9	11.0	11.1	11.3	11.4	11.5
50°	10.4	10.5	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.7	11.9
48.75°	10.7	10.8	11.0	11.2	11.3	11.5	11.7	11.8	11.9	12.1	12.3
47.5°	11.0	11.1	11.3	11.5	11.7	11.8	12.0	12.1	13.5	15.8	18.0
46.25°	11.2	11.4	11.6	11.8	12.0	12.1	13.9	16.5	19.0	21.4	23.7
45°	11.5	11.7	11.9	12.1	13.6	16.4	19.2	21.9	24.4	29.1	34.4
43.75°	11.8	12.0	12.4	15.5	18.6	21.5	24.4	29.7	35.7	41.4	47.0
42.5°	12.1	13.8	17.1	20.4	23.5	28.4	35.0	41.5	47.7	53.7	60.2
41.25°	14.9	18.4	21.8	25.2	32.5	39.6	46.5	53.2	60.5	67.6	74.4
40°	19.3	22.9	28.1	35.9	43.4	50.8	58.5	66.4	74.0	81.4	88.4
38.75°	23.7	30.2	38.4	46.4	54.2	62.9	71.4	79.6	87.5	94.6	101.3
37.5°	31.4	40.1	48.5	57.2	66.4	75.4	84.1	92.2	99.8	107.1	114.1
36.25°	40.9	49.8	59.1	68.9	78.4	87.7	96.1	104.1	112.0	119.7	128.1
35°	50.3	60.1	70.4	80.5	90.1	98.9	107.5	115.9	124.9	133.9	142.7



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	60.1	70.9	81.5	91.5	100.9	110.0	118.9	128.9	138.7	148.1	157.9
32.5°	70.4	81.5	92.0	101.8	111.5	121.2	131.9	142.2	152.3	164.2	176.4
31.25°	80.5	91.5	101.8	111.9	122.4	133.6	144.6	155.6	169.0	182.0	194.6
30°	90.1	100.9	111.5	122.4	134.2	145.8	157.9	172.2	186.1	199.5	214.6
28.75°	98.9	110.0	121.2	133.6	145.8	158.7	173.8	188.5	203.2	219.6	235.4
27.5°	107.5	118.9	131.9	144.6	157.9	173.8	189.3	205.2	222.6	239.5	255.9
26.25°	115.9	128.9	142.2	155.6	172.2	188.5	205.2	223.6	241.5	259.5	278.7
25°	124.9	138.7	152.3	169.0	186.1	203.2	222.6	241.5	260.7	281.1	301.0
23.75°	133.9	148.1	164.2	182.0	199.5	219.6	239.5	259.5	281.1	302.3	323.6
22.5°	142.7	157.9	176.4	194.6	214.6	235.4	255.9	278.7	301.0	323.6	347.7
21.25°	151.1	169.2	188.1	207.8	229.4	250.7	273.9	297.3	320.8	346.2	371.0
20°	160.5	180.0	199.3	221.4	243.5	266.8	291.2	315.3	341.8	368.0	394.0
18.75°	170.5	190.3	211.6	234.5	257.4	282.8	307.8	334.6	362.1	389.2	416.9
17.5°	179.8	200.1	223.5	246.9	272.0	298.0	324.6	353.2	381.5	410.2	441.9
16.25°	188.7	210.8	234.8	259.1	285.9	312.5	341.6	371.0	400.5	432.4	463.0
15°	197.0	221.0	245.4	271.6	299.0	327.3	357.7	387.8	419.2	453.3	481.4
13.75°	205.5	230.4	255.3	283.3	311.2	341.7	372.7	404.2	438.7	470.3	497.6
12.5°	213.9	239.2	265.6	294.1	323.2	355.0	386.7	419.9	455.7	485.3	511.7
11.25°	221.5	247.2	275.1	304.1	334.9	367.3	400.1	435.9	469.6	498.6	524.3
10°	228.5	254.4	283.7	313.0	345.6	378.4	412.3	450.3	481.9	509.9	535.5
8.75°	234.6	261.6	291.4	321.6	355.0	388.5	424.2	461.2	492.2	519.8	545.5
7.5°	240.0	268.0	298.1	329.5	363.4	397.6	435.1	470.7	501.3	528.4	554.1
6.25°	244.6	273.5	303.8	336.3	370.5	405.3	444.4	478.7	508.5	535.6	561.5
5°	248.4	278.0	308.5	341.9	376.3	411.8	451.6	484.8	514.3	541.5	567.6
3.75°	251.3	281.5	312.2	346.2	380.9	416.9	456.6	489.6	518.9	546.2	572.5
2.5°	253.4	284.0	314.8	349.3	384.2	421.0	460.3	493.1	522.2	549.5	576.1
1.25°	254.7	285.5	316.4	351.2	386.1	423.5	462.4	495.1	524.2	551.4	578.2
0°	255.1	286.0	316.9	351.9	386.8	424.3	463.2	495.8	524.9	552.1	579.0
-1.25°	254.7	285.5	316.4	351.2	386.1	423.5	462.4	495.1	524.2	551.4	578.2
-2.5°	253.4	284.0	314.8	349.3	384.2	421.0	460.3	493.1	522.2	549.5	576.1
-3.75°	251.3	281.5	312.2	346.2	380.9	416.9	456.6	489.6	518.9	546.2	572.5
-5°	248.4	278.0	308.5	341.9	376.3	411.8	451.6	484.8	514.3	541.5	567.6
-6.25°	244.6	273.5	303.8	336.3	370.5	405.3	444.4	478.7	508.5	535.6	561.5
-7.5°	240.0	268.0	298.1	329.5	363.4	397.6	435.1	470.7	501.3	528.4	554.1
-8.75°	234.6	261.6	291.4	321.6	355.0	388.5	424.2	461.2	492.2	519.8	545.5
-10°	228.5	254.4	283.7	313.0	345.6	378.4	412.3	450.3	481.9	509.9	535.5
-11.25°	221.5	247.2	275.1	304.1	334.9	367.3	400.1	435.9	469.6	498.6	524.3
-12.5°	213.9	239.2	265.6	294.1	323.2	355.0	386.7	419.9	455.7	485.3	511.7
-13.75°	205.5	230.4	255.3	283.3	311.2	341.7	372.7	404.2	438.7	470.3	497.6
-15°	197.0	221.0	245.4	271.6	299.0	327.3	357.7	387.8	419.2	453.3	481.4
-16.25°	188.7	210.8	234.8	259.1	285.9	312.5	341.6	371.0	400.5	432.4	463.0
-17.5°	179.8	200.1	223.5	246.9	272.0	298.0	324.6	353.2	381.5	410.2	441.9
-18.75°	170.5	190.3	211.6	234.5	257.4	282.8	307.8	334.6	362.1	389.2	416.9
-20°	160.5	180.0	199.3	221.4	243.5	266.8	291.2	315.3	341.8	368.0	394.0
-21.25°	151.1	169.2	188.1	207.8	229.4	250.7	273.9	297.3	320.8	346.2	371.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	142.7	157.9	176.4	194.6	214.6	235.4	255.9	278.7	301.0	323.6	347.7
-23.75°	133.9	148.1	164.2	182.0	199.5	219.6	239.5	259.5	281.1	302.3	323.6
-25°	124.9	138.7	152.3	169.0	186.1	203.2	222.6	241.5	260.7	281.1	301.0
-26.25°	115.9	128.9	142.2	155.6	172.2	188.5	205.2	223.6	241.5	259.5	278.7
-27.5°	107.5	118.9	131.9	144.6	157.9	173.8	189.3	205.2	222.6	239.5	255.9
-28.75°	98.9	110.0	121.2	133.6	145.8	158.7	173.8	188.5	203.2	219.6	235.4
-30°	90.1	100.9	111.5	122.4	134.2	145.8	157.9	172.2	186.1	199.5	214.6
-31.25°	80.5	91.5	101.8	111.9	122.4	133.6	144.6	155.6	169.0	182.0	194.6
-32.5°	70.4	81.5	92.0	101.8	111.5	121.2	131.9	142.2	152.3	164.2	176.4
-33.75°	60.1	70.9	81.5	91.5	100.9	110.0	118.9	128.9	138.7	148.1	157.9
-35°	50.3	60.1	70.4	80.5	90.1	98.9	107.5	115.9	124.9	133.9	142.7
-36.25°	40.9	49.8	59.1	68.9	78.4	87.7	96.1	104.1	112.0	119.7	128.1
-37.5°	31.4	40.1	48.5	57.2	66.4	75.4	84.1	92.2	99.8	107.1	114.1
-38.75°	23.7	30.2	38.4	46.4	54.2	62.9	71.4	79.6	87.5	94.6	101.3
-40°	19.3	22.9	28.1	35.9	43.4	50.8	58.5	66.4	74.0	81.4	88.4
-41.25°	14.9	18.4	21.8	25.2	32.5	39.6	46.5	53.2	60.5	67.6	74.4
-42.5°	12.1	13.8	17.1	20.4	23.5	28.4	35.0	41.5	47.7	53.7	60.2
-43.75°	11.8	12.0	12.4	15.5	18.6	21.5	24.4	29.7	35.7	41.4	47.0
-45°	11.5	11.7	11.9	12.1	13.6	16.4	19.2	21.9	24.4	29.1	34.4
-46.25°	11.2	11.4	11.6	11.8	12.0	12.1	13.9	16.5	19.0	21.4	23.7
-47.5°	11.0	11.1	11.3	11.5	11.7	11.8	12.0	12.1	13.5	15.8	18.0
-48.75°	10.7	10.8	11.0	11.2	11.3	11.5	11.7	11.8	11.9	12.1	12.3
-50°	10.4	10.5	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.7	11.9
-51.25°	10.1	10.2	10.4	10.6	10.7	10.9	11.0	11.1	11.3	11.4	11.5
-52.5°	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.0	11.2
-53.75°	9.4	9.6	9.8	9.9	10.1	10.2	10.3	10.4	10.6	10.7	10.8
-55°	9.1	9.3	9.4	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.4
-56.25°	8.9	8.9	9.1	9.2	9.4	9.5	9.6	9.8	9.9	10.0	10.1
-57.5°	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.4	9.5	9.6	9.7
-58.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.1	9.2	9.3
-60°	8.6	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-61.25°	8.3	8.4	8.6	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9
-62.5°	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9
-63.75°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.5	8.6
-65°	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.3
-66.25°	7.1	7.2	7.3	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9
-67.5°	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.5
-68.75°	6.5	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2
-70°	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.8
-71.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-72.5°	6.3	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-73.75°	5.9	6.0	6.1	6.1	6.2	6.2	6.3	6.4	6.4	6.4	6.5
-75°	5.5	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1
-76.25°	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
-77.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0	5.1



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.3	4.3
-80°	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9
-81.25°	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5	3.5
-82.5°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1
-83.75°	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7
-85°	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2
-86.25°	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
85°	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4
83.75°	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
82.5°	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3
81.25°	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7
80°	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1
78.75°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
77.5°	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6
76.25°	5.8	5.8	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0
75°	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4
73.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
71.25°	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8
70°	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.2
68.75°	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6	7.6
67.5°	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.0
66.25°	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.3	8.4	8.4
65°	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8	8.8
63.75°	8.7	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
62.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
61.25°	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.1	9.1	9.2	9.2
60°	9.0	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.7
58.75°	9.4	9.5	9.6	9.7	9.8	9.8	9.9	9.9	10.0	10.0	10.1
57.5°	9.8	9.9	10.0	10.1	10.1	10.2	10.3	10.3	10.4	10.4	10.5
56.25°	10.2	10.3	10.4	10.4	10.5	10.6	10.7	10.7	10.8	10.8	10.9
55°	10.5	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
53.75°	10.9	11.0	11.1	11.2	11.3	11.3	11.4	11.5	11.5	11.6	11.6
52.5°	11.3	11.4	11.5	11.6	11.6	11.7	11.8	11.9	11.9	12.0	12.0
51.25°	11.6	11.7	11.8	11.9	12.0	12.1	12.2	13.1	14.1	15.1	15.9
50°	12.0	12.1	12.2	13.8	15.3	16.8	18.1	19.3	20.4	21.4	22.3
48.75°	14.4	16.3	18.1	19.8	21.4	22.9	24.3	26.0	28.6	30.9	33.0
47.5°	20.1	22.1	24.0	26.5	30.3	33.8	37.0	40.0	42.7	45.1	47.3
46.25°	26.7	31.4	35.8	39.9	43.9	47.5	50.9	54.0	57.1	60.0	62.6
45°	39.5	44.4	49.0	53.3	57.8	62.1	66.2	69.9	73.2	76.3	78.9
43.75°	52.3	57.7	63.2	68.4	73.2	77.7	81.9	85.8	89.2	92.1	94.7
42.5°	66.5	72.5	78.2	83.5	88.5	92.9	96.9	100.6	104.0	107.0	109.7
41.25°	80.9	87.1	92.6	97.8	102.6	107.1	111.3	115.2	118.7	122.4	125.7
40°	94.7	100.6	106.3	111.6	116.7	121.8	126.9	131.6	135.9	139.7	143.1
38.75°	107.8	114.0	120.1	126.6	132.6	138.3	143.6	148.5	152.9	157.7	162.3
37.5°	121.2	128.7	135.8	142.5	148.8	154.9	162.0	168.6	174.5	180.0	184.8
36.25°	136.2	144.0	151.3	159.5	168.0	176.0	183.4	190.3	196.5	202.4	208.3
35°	151.1	160.5	170.5	179.8	188.7	197.0	205.5	213.9	221.5	228.5	234.6



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	169.2	180.0	190.3	200.1	210.8	221.0	230.4	239.2	247.2	254.4	261.6
32.5°	188.1	199.3	211.6	223.5	234.8	245.4	255.3	265.6	275.1	283.7	291.4
31.25°	207.8	221.4	234.5	246.9	259.1	271.6	283.3	294.1	304.1	313.0	321.6
30°	229.4	243.5	257.4	272.0	285.9	299.0	311.2	323.2	334.9	345.6	355.0
28.75°	250.7	266.8	282.8	298.0	312.5	327.3	341.7	355.0	367.3	378.4	388.5
27.5°	273.9	291.2	307.8	324.6	341.6	357.7	372.7	386.7	400.1	412.3	424.2
26.25°	297.3	315.3	334.6	353.2	371.0	387.8	404.2	419.9	435.9	450.3	461.2
25°	320.8	341.8	362.1	381.5	400.5	419.2	438.7	455.7	469.6	481.9	492.2
23.75°	346.2	368.0	389.2	410.2	432.4	453.3	470.3	485.3	498.6	509.9	519.8
22.5°	371.0	394.0	416.9	441.9	463.0	481.4	497.6	511.7	524.3	535.5	545.5
21.25°	395.6	420.7	447.7	469.6	489.0	506.5	521.8	535.7	548.5	559.8	570.1
20°	420.7	449.6	472.9	493.6	512.2	529.0	544.4	558.5	571.6	584.0	595.4
18.75°	447.7	472.9	495.2	515.1	533.3	550.2	565.8	580.9	595.3	608.9	620.6
17.5°	469.6	493.6	515.1	534.7	553.0	570.3	587.2	603.7	618.8	632.2	645.1
16.25°	489.0	512.2	533.3	553.0	571.8	590.4	608.8	625.4	641.1	656.3	671.1
15°	506.5	529.0	550.2	570.3	590.4	610.5	628.7	646.7	664.5	681.8	698.2
13.75°	521.8	544.4	565.8	587.2	608.8	628.7	648.5	668.7	688.5	707.5	725.5
12.5°	535.7	558.5	580.9	603.7	625.4	646.7	668.7	690.8	712.4	733.2	752.4
11.25°	548.5	571.6	595.3	618.8	641.1	664.5	688.5	712.4	735.8	757.9	776.6
10°	559.8	584.0	608.9	632.2	656.3	681.8	707.5	733.2	757.9	779.2	796.2
8.75°	570.1	595.4	620.6	645.1	671.1	698.2	725.5	752.4	776.6	796.2	812.8
7.5°	579.5	605.7	630.7	656.7	684.6	713.1	741.8	768.8	791.6	810.5	827.1
6.25°	587.5	614.4	640.0	667.5	696.5	726.3	756.0	782.6	803.9	822.7	839.5
5°	594.4	621.3	647.8	676.5	706.6	737.5	767.2	792.5	813.7	832.5	850.4
3.75°	599.8	626.7	654.0	683.8	714.8	746.4	776.0	800.4	821.4	840.6	858.6
2.5°	603.8	630.6	658.7	689.2	720.8	752.8	782.3	805.8	826.8	846.6	864.8
1.25°	606.1	633.0	661.6	692.4	724.4	756.8	785.5	809.0	830.1	850.3	868.2
0°	606.9	633.8	662.6	693.5	725.6	758.1	786.6	810.1	831.2	851.5	869.2
-1.25°	606.1	633.0	661.6	692.4	724.4	756.8	785.5	809.0	830.1	850.3	868.2
-2.5°	603.8	630.6	658.7	689.2	720.8	752.8	782.3	805.8	826.8	846.6	864.8
-3.75°	599.8	626.7	654.0	683.8	714.8	746.4	776.0	800.4	821.4	840.6	858.6
-5°	594.4	621.3	647.8	676.5	706.6	737.5	767.2	792.5	813.7	832.5	850.4
-6.25°	587.5	614.4	640.0	667.5	696.5	726.3	756.0	782.6	803.9	822.7	839.5
-7.5°	579.5	605.7	630.7	656.7	684.6	713.1	741.8	768.8	791.6	810.5	827.1
-8.75°	570.1	595.4	620.6	645.1	671.1	698.2	725.5	752.4	776.6	796.2	812.8
-10°	559.8	584.0	608.9	632.2	656.3	681.8	707.5	733.2	757.9	779.2	796.2
-11.25°	548.5	571.6	595.3	618.8	641.1	664.5	688.5	712.4	735.8	757.9	776.6
-12.5°	535.7	558.5	580.9	603.7	625.4	646.7	668.7	690.8	712.4	733.2	752.4
-13.75°	521.8	544.4	565.8	587.2	608.8	628.7	648.5	668.7	688.5	707.5	725.5
-15°	506.5	529.0	550.2	570.3	590.4	610.5	628.7	646.7	664.5	681.8	698.2
-16.25°	489.0	512.2	533.3	553.0	571.8	590.4	608.8	625.4	641.1	656.3	671.1
-17.5°	469.6	493.6	515.1	534.7	553.0	570.3	587.2	603.7	618.8	632.2	645.1
-18.75°	447.7	472.9	495.2	515.1	533.3	550.2	565.8	580.9	595.3	608.9	620.6
-20°	420.7	449.6	472.9	493.6	512.2	529.0	544.4	558.5	571.6	584.0	595.4
-21.25°	395.6	420.7	447.7	469.6	489.0	506.5	521.8	535.7	548.5	559.8	570.1



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	371.0	394.0	416.9	441.9	463.0	481.4	497.6	511.7	524.3	535.5	545.5
-23.75°	346.2	368.0	389.2	410.2	432.4	453.3	470.3	485.3	498.6	509.9	519.8
-25°	320.8	341.8	362.1	381.5	400.5	419.2	438.7	455.7	469.6	481.9	492.2
-26.25°	297.3	315.3	334.6	353.2	371.0	387.8	404.2	419.9	435.9	450.3	461.2
-27.5°	273.9	291.2	307.8	324.6	341.6	357.7	372.7	386.7	400.1	412.3	424.2
-28.75°	250.7	266.8	282.8	298.0	312.5	327.3	341.7	355.0	367.3	378.4	388.5
-30°	229.4	243.5	257.4	272.0	285.9	299.0	311.2	323.2	334.9	345.6	355.0
-31.25°	207.8	221.4	234.5	246.9	259.1	271.6	283.3	294.1	304.1	313.0	321.6
-32.5°	188.1	199.3	211.6	223.5	234.8	245.4	255.3	265.6	275.1	283.7	291.4
-33.75°	169.2	180.0	190.3	200.1	210.8	221.0	230.4	239.2	247.2	254.4	261.6
-35°	151.1	160.5	170.5	179.8	188.7	197.0	205.5	213.9	221.5	228.5	234.6
-36.25°	136.2	144.0	151.3	159.5	168.0	176.0	183.4	190.3	196.5	202.4	208.3
-37.5°	121.2	128.7	135.8	142.5	148.8	154.9	162.0	168.6	174.5	180.0	184.8
-38.75°	107.8	114.0	120.1	126.6	132.6	138.3	143.6	148.5	152.9	157.7	162.3
-40°	94.7	100.6	106.3	111.6	116.7	121.8	126.9	131.6	135.9	139.7	143.1
-41.25°	80.9	87.1	92.6	97.8	102.6	107.1	111.3	115.2	118.7	122.4	125.7
-42.5°	66.5	72.5	78.2	83.5	88.5	92.9	96.9	100.6	104.0	107.0	109.7
-43.75°	52.3	57.7	63.2	68.4	73.2	77.7	81.9	85.8	89.2	92.1	94.7
-45°	39.5	44.4	49.0	53.3	57.8	62.1	66.2	69.9	73.2	76.3	78.9
-46.25°	26.7	31.4	35.8	39.9	43.9	47.5	50.9	54.0	57.1	60.0	62.6
-47.5°	20.1	22.1	24.0	26.5	30.3	33.8	37.0	40.0	42.7	45.1	47.3
-48.75°	14.4	16.3	18.1	19.8	21.4	22.9	24.3	26.0	28.6	30.9	33.0
-50°	12.0	12.1	12.2	13.8	15.3	16.8	18.1	19.3	20.4	21.4	22.3
-51.25°	11.6	11.7	11.8	11.9	12.0	12.1	12.2	13.1	14.1	15.1	15.9
-52.5°	11.3	11.4	11.5	11.6	11.6	11.7	11.8	11.9	11.9	12.0	12.0
-53.75°	10.9	11.0	11.1	11.2	11.3	11.3	11.4	11.5	11.5	11.6	11.6
-55°	10.5	10.6	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
-56.25°	10.2	10.3	10.4	10.4	10.5	10.6	10.7	10.7	10.8	10.8	10.9
-57.5°	9.8	9.9	10.0	10.1	10.1	10.2	10.3	10.3	10.4	10.4	10.5
-58.75°	9.4	9.5	9.6	9.7	9.8	9.8	9.9	9.9	10.0	10.0	10.1
-60°	9.0	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.7
-61.25°	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.1	9.1	9.2	9.2
-62.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-63.75°	8.7	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-65°	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8	8.8
-66.25°	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.3	8.4	8.4
-67.5°	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.0
-68.75°	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6	7.6
-70°	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.2
-71.25°	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.8
-72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-73.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-75°	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4
-76.25°	5.8	5.8	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0
-77.5°	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8
-80°	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1
-81.25°	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7
-82.5°	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3
-83.75°	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8
-85°	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4
-86.25°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
83.75°	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
81.25°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
80°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
78.75°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
77.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
76.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
73.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
71.25°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
70°	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
68.75°	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
67.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
66.25°	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
65°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
63.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
62.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
61.25°	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
60°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
58.75°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
57.5°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
56.25°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
55°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
53.75°	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7
52.5°	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1
51.25°	16.7	17.3	17.8	18.2	18.5	18.6	18.7	18.6	18.5	18.2	17.8
50°	23.1	23.7	24.2	24.7	25.0	25.1	25.2	25.1	25.0	24.7	24.2
48.75°	34.8	36.3	37.6	38.5	39.2	39.7	39.8	39.7	39.2	38.5	37.6
47.5°	49.2	50.8	52.1	53.1	53.8	54.3	54.4	54.3	53.8	53.1	52.1
46.25°	64.9	66.8	68.3	69.5	70.4	70.9	71.1	70.9	70.4	69.5	68.3
45°	81.3	83.3	84.9	86.2	87.1	87.6	87.8	87.6	87.1	86.2	84.9
43.75°	96.9	98.8	100.4	101.6	102.5	103.0	103.2	103.0	102.5	101.6	100.4
42.5°	112.0	114.0	115.7	117.0	117.9	118.4	118.6	118.4	117.9	117.0	115.7
41.25°	128.5	131.0	132.9	134.5	135.6	136.3	136.5	136.3	135.6	134.5	132.9
40°	146.1	148.6	150.7	152.3	153.5	154.2	154.4	154.2	153.5	152.3	150.7
38.75°	166.3	169.7	172.5	174.7	176.3	177.2	177.6	177.2	176.3	174.7	172.5
37.5°	189.0	192.5	195.5	197.7	199.4	200.4	200.7	200.4	199.4	197.7	195.5
36.25°	213.5	217.8	221.5	224.3	226.3	227.5	227.9	227.5	226.3	224.3	221.5
35°	240.0	244.6	248.4	251.3	253.4	254.7	255.1	254.7	253.4	251.3	248.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	268.0	273.5	278.0	281.5	284.0	285.5	286.0	285.5	284.0	281.5	278.0
32.5°	298.1	303.8	308.5	312.2	314.8	316.4	316.9	316.4	314.8	312.2	308.5
31.25°	329.5	336.3	341.9	346.2	349.3	351.2	351.9	351.2	349.3	346.2	341.9
30°	363.4	370.5	376.3	380.9	384.2	386.1	386.8	386.1	384.2	380.9	376.3
28.75°	397.6	405.3	411.8	416.9	421.0	423.5	424.3	423.5	421.0	416.9	411.8
27.5°	435.1	444.4	451.6	456.6	460.3	462.4	463.2	462.4	460.3	456.6	451.6
26.25°	470.7	478.7	484.8	489.6	493.1	495.1	495.8	495.1	493.1	489.6	484.8
25°	501.3	508.5	514.3	518.9	522.2	524.2	524.9	524.2	522.2	518.9	514.3
23.75°	528.4	535.6	541.5	546.2	549.5	551.4	552.1	551.4	549.5	546.2	541.5
22.5°	554.1	561.5	567.6	572.5	576.1	578.2	579.0	578.2	576.1	572.5	567.6
21.25°	579.5	587.5	594.4	599.8	603.8	606.1	606.9	606.1	603.8	599.8	594.4
20°	605.7	614.4	621.3	626.7	630.6	633.0	633.8	633.0	630.6	626.7	621.3
18.75°	630.7	640.0	647.8	654.0	658.7	661.6	662.6	661.6	658.7	654.0	647.8
17.5°	656.7	667.5	676.5	683.8	689.2	692.4	693.5	692.4	689.2	683.8	676.5
16.25°	684.6	696.5	706.6	714.8	720.8	724.4	725.6	724.4	720.8	714.8	706.6
15°	713.1	726.3	737.5	746.4	752.8	756.8	758.1	756.8	752.8	746.4	737.5
13.75°	741.8	756.0	767.2	776.0	782.3	785.5	786.6	785.5	782.3	776.0	767.2
12.5°	768.8	782.6	792.5	800.4	805.8	809.0	810.1	809.0	805.8	800.4	792.5
11.25°	791.6	803.9	813.7	821.4	826.8	830.1	831.2	830.1	826.8	821.4	813.7
10°	810.5	822.7	832.5	840.6	846.6	850.3	851.5	850.3	846.6	840.6	832.5
8.75°	827.1	839.5	850.4	858.6	864.8	868.2	869.2	868.2	864.8	858.6	850.4
7.5°	841.9	855.2	866.1	873.7	879.1	881.6	882.4	881.6	879.1	873.7	866.1
6.25°	855.2	868.3	878.3	884.2	886.9	887.5	887.7	887.5	886.9	884.2	878.3
5°	866.1	878.3	886.0	887.7	886.7	885.3	884.8	885.3	886.7	887.7	886.0
3.75°	873.7	884.2	887.7	885.8	881.6	878.0	876.5	878.0	881.6	885.8	887.7
2.5°	879.1	886.9	886.7	881.6	874.9	869.7	867.8	869.7	874.9	881.6	886.7
1.25°	881.6	887.5	885.3	878.0	869.7	864.1	863.3	864.1	869.7	878.0	885.3
0°	882.4	887.7	884.8	876.5	867.8	863.3	865.3	863.3	867.8	876.5	884.8
-1.25°	881.6	887.5	885.3	878.0	869.7	864.1	863.3	864.1	869.7	878.0	885.3
-2.5°	879.1	886.9	886.7	881.6	874.9	869.7	867.8	869.7	874.9	881.6	886.7
-3.75°	873.7	884.2	887.7	885.8	881.6	878.0	876.5	878.0	881.6	885.8	887.7
-5°	866.1	878.3	886.0	887.7	886.7	885.3	884.8	885.3	886.7	887.7	886.0
-6.25°	855.2	868.3	878.3	884.2	886.9	887.5	887.7	887.5	886.9	884.2	878.3
-7.5°	841.9	855.2	866.1	873.7	879.1	881.6	882.4	881.6	879.1	873.7	866.1
-8.75°	827.1	839.5	850.4	858.6	864.8	868.2	869.2	868.2	864.8	858.6	850.4
-10°	810.5	822.7	832.5	840.6	846.6	850.3	851.5	850.3	846.6	840.6	832.5
-11.25°	791.6	803.9	813.7	821.4	826.8	830.1	831.2	830.1	826.8	821.4	813.7
-12.5°	768.8	782.6	792.5	800.4	805.8	809.0	810.1	809.0	805.8	800.4	792.5
-13.75°	741.8	756.0	767.2	776.0	782.3	785.5	786.6	785.5	782.3	776.0	767.2
-15°	713.1	726.3	737.5	746.4	752.8	756.8	758.1	756.8	752.8	746.4	737.5
-16.25°	684.6	696.5	706.6	714.8	720.8	724.4	725.6	724.4	720.8	714.8	706.6
-17.5°	656.7	667.5	676.5	683.8	689.2	692.4	693.5	692.4	689.2	683.8	676.5
-18.75°	630.7	640.0	647.8	654.0	658.7	661.6	662.6	661.6	658.7	654.0	647.8
-20°	605.7	614.4	621.3	626.7	630.6	633.0	633.8	633.0	630.6	626.7	621.3
-21.25°	579.5	587.5	594.4	599.8	603.8	606.1	606.9	606.1	603.8	599.8	594.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	554.1	561.5	567.6	572.5	576.1	578.2	579.0	578.2	576.1	572.5	567.6
-23.75°	528.4	535.6	541.5	546.2	549.5	551.4	552.1	551.4	549.5	546.2	541.5
-25°	501.3	508.5	514.3	518.9	522.2	524.2	524.9	524.2	522.2	518.9	514.3
-26.25°	470.7	478.7	484.8	489.6	493.1	495.1	495.8	495.1	493.1	489.6	484.8
-27.5°	435.1	444.4	451.6	456.6	460.3	462.4	463.2	462.4	460.3	456.6	451.6
-28.75°	397.6	405.3	411.8	416.9	421.0	423.5	424.3	423.5	421.0	416.9	411.8
-30°	363.4	370.5	376.3	380.9	384.2	386.1	386.8	386.1	384.2	380.9	376.3
-31.25°	329.5	336.3	341.9	346.2	349.3	351.2	351.9	351.2	349.3	346.2	341.9
-32.5°	298.1	303.8	308.5	312.2	314.8	316.4	316.9	316.4	314.8	312.2	308.5
-33.75°	268.0	273.5	278.0	281.5	284.0	285.5	286.0	285.5	284.0	281.5	278.0
-35°	240.0	244.6	248.4	251.3	253.4	254.7	255.1	254.7	253.4	251.3	248.4
-36.25°	213.5	217.8	221.5	224.3	226.3	227.5	227.9	227.5	226.3	224.3	221.5
-37.5°	189.0	192.5	195.5	197.7	199.4	200.4	200.7	200.4	199.4	197.7	195.5
-38.75°	166.3	169.7	172.5	174.7	176.3	177.2	177.6	177.2	176.3	174.7	172.5
-40°	146.1	148.6	150.7	152.3	153.5	154.2	154.4	154.2	153.5	152.3	150.7
-41.25°	128.5	131.0	132.9	134.5	135.6	136.3	136.5	136.3	135.6	134.5	132.9
-42.5°	112.0	114.0	115.7	117.0	117.9	118.4	118.6	118.4	117.9	117.0	115.7
-43.75°	96.9	98.8	100.4	101.6	102.5	103.0	103.2	103.0	102.5	101.6	100.4
-45°	81.3	83.3	84.9	86.2	87.1	87.6	87.8	87.6	87.1	86.2	84.9
-46.25°	64.9	66.8	68.3	69.5	70.4	70.9	71.1	70.9	70.4	69.5	68.3
-47.5°	49.2	50.8	52.1	53.1	53.8	54.3	54.4	54.3	53.8	53.1	52.1
-48.75°	34.8	36.3	37.6	38.5	39.2	39.7	39.8	39.7	39.2	38.5	37.6
-50°	23.1	23.7	24.2	24.7	25.0	25.1	25.2	25.1	25.0	24.7	24.2
-51.25°	16.7	17.3	17.8	18.2	18.5	18.6	18.7	18.6	18.5	18.2	17.8
-52.5°	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1
-53.75°	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7
-55°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-56.25°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
-57.5°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
-58.75°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
-60°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-61.25°	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
-62.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-63.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-65°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-66.25°	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-67.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
-68.75°	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
-70°	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
-71.25°	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-73.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-76.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-77.5°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-80°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
-81.25°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-83.75°	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8
-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-86.25°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
85°	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2
83.75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
82.5°	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2
81.25°	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6
80°	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9
78.75°	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5
77.5°	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3
76.25°	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9
75°	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2
73.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
71.25°	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6
70°	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9
68.75°	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3
67.5°	8.1	8.0	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7
66.25°	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.1	8.1
65°	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4
63.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8
62.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
61.25°	9.3	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.9
60°	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3	9.3	9.2
58.75°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.8	9.7	9.6
57.5°	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.1	10.1	10.0
56.25°	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.4
55°	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
53.75°	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.3	11.3	11.2	11.1
52.5°	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.7	11.6	11.6	11.5
51.25°	17.3	16.7	15.9	15.1	14.1	13.1	12.2	12.1	12.0	11.9	11.8
50°	23.7	23.1	22.3	21.4	20.4	19.3	18.1	16.8	15.3	13.8	12.2
48.75°	36.3	34.8	33.0	30.9	28.6	26.0	24.3	22.9	21.4	19.8	18.1
47.5°	50.8	49.2	47.3	45.1	42.7	40.0	37.0	33.8	30.3	26.5	24.0
46.25°	66.8	64.9	62.6	60.0	57.1	54.0	50.9	47.5	43.9	39.9	35.8
45°	83.3	81.3	78.9	76.3	73.2	69.9	66.2	62.1	57.8	53.3	49.0
43.75°	98.8	96.9	94.7	92.1	89.2	85.8	81.9	77.7	73.2	68.4	63.2
42.5°	114.0	112.0	109.7	107.0	104.0	100.6	96.9	92.9	88.5	83.5	78.2
41.25°	131.0	128.5	125.7	122.4	118.7	115.2	111.3	107.1	102.6	97.8	92.6
40°	148.6	146.1	143.1	139.7	135.9	131.6	126.9	121.8	116.7	111.6	106.3
38.75°	169.7	166.3	162.3	157.7	152.9	148.5	143.6	138.3	132.6	126.6	120.1
37.5°	192.5	189.0	184.8	180.0	174.5	168.6	162.0	154.9	148.8	142.5	135.8
36.25°	217.8	213.5	208.3	202.4	196.5	190.3	183.4	176.0	168.0	159.5	151.3
35°	244.6	240.0	234.6	228.5	221.5	213.9	205.5	197.0	188.7	179.8	170.5



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	273.5	268.0	261.6	254.4	247.2	239.2	230.4	221.0	210.8	200.1	190.3
32.5°	303.8	298.1	291.4	283.7	275.1	265.6	255.3	245.4	234.8	223.5	211.6
31.25°	336.3	329.5	321.6	313.0	304.1	294.1	283.3	271.6	259.1	246.9	234.5
30°	370.5	363.4	355.0	345.6	334.9	323.2	311.2	299.0	285.9	272.0	257.4
28.75°	405.3	397.6	388.5	378.4	367.3	355.0	341.7	327.3	312.5	298.0	282.8
27.5°	444.4	435.1	424.2	412.3	400.1	386.7	372.7	357.7	341.6	324.6	307.8
26.25°	478.7	470.7	461.2	450.3	435.9	419.9	404.2	387.8	371.0	353.2	334.6
25°	508.5	501.3	492.2	481.9	469.6	455.7	438.7	419.2	400.5	381.5	362.1
23.75°	535.6	528.4	519.8	509.9	498.6	485.3	470.3	453.3	432.4	410.2	389.2
22.5°	561.5	554.1	545.5	535.5	524.3	511.7	497.6	481.4	463.0	441.9	416.9
21.25°	587.5	579.5	570.1	559.8	548.5	535.7	521.8	506.5	489.0	469.6	447.7
20°	614.4	605.7	595.4	584.0	571.6	558.5	544.4	529.0	512.2	493.6	472.9
18.75°	640.0	630.7	620.6	608.9	595.3	580.9	565.8	550.2	533.3	515.1	495.2
17.5°	667.5	656.7	645.1	632.2	618.8	603.7	587.2	570.3	553.0	534.7	515.1
16.25°	696.5	684.6	671.1	656.3	641.1	625.4	608.8	590.4	571.8	553.0	533.3
15°	726.3	713.1	698.2	681.8	664.5	646.7	628.7	610.5	590.4	570.3	550.2
13.75°	756.0	741.8	725.5	707.5	688.5	668.7	648.5	628.7	608.8	587.2	565.8
12.5°	782.6	768.8	752.4	733.2	712.4	690.8	668.7	646.7	625.4	603.7	580.9
11.25°	803.9	791.6	776.6	757.9	735.8	712.4	688.5	664.5	641.1	618.8	595.3
10°	822.7	810.5	796.2	779.2	757.9	733.2	707.5	681.8	656.3	632.2	608.9
8.75°	839.5	827.1	812.8	796.2	776.6	752.4	725.5	698.2	671.1	645.1	620.6
7.5°	855.2	841.9	827.1	810.5	791.6	768.8	741.8	713.1	684.6	656.7	630.7
6.25°	868.3	855.2	839.5	822.7	803.9	782.6	756.0	726.3	696.5	667.5	640.0
5°	878.3	866.1	850.4	832.5	813.7	792.5	767.2	737.5	706.6	676.5	647.8
3.75°	884.2	873.7	858.6	840.6	821.4	800.4	776.0	746.4	714.8	683.8	654.0
2.5°	886.9	879.1	864.8	846.6	826.8	805.8	782.3	752.8	720.8	689.2	658.7
1.25°	887.5	881.6	868.2	850.3	830.1	809.0	785.5	756.8	724.4	692.4	661.6
0°	887.7	882.4	869.2	851.5	831.2	810.1	786.6	758.1	725.6	693.5	662.6
-1.25°	887.5	881.6	868.2	850.3	830.1	809.0	785.5	756.8	724.4	692.4	661.6
-2.5°	886.9	879.1	864.8	846.6	826.8	805.8	782.3	752.8	720.8	689.2	658.7
-3.75°	884.2	873.7	858.6	840.6	821.4	800.4	776.0	746.4	714.8	683.8	654.0
-5°	878.3	866.1	850.4	832.5	813.7	792.5	767.2	737.5	706.6	676.5	647.8
-6.25°	868.3	855.2	839.5	822.7	803.9	782.6	756.0	726.3	696.5	667.5	640.0
-7.5°	855.2	841.9	827.1	810.5	791.6	768.8	741.8	713.1	684.6	656.7	630.7
-8.75°	839.5	827.1	812.8	796.2	776.6	752.4	725.5	698.2	671.1	645.1	620.6
-10°	822.7	810.5	796.2	779.2	757.9	733.2	707.5	681.8	656.3	632.2	608.9
-11.25°	803.9	791.6	776.6	757.9	735.8	712.4	688.5	664.5	641.1	618.8	595.3
-12.5°	782.6	768.8	752.4	733.2	712.4	690.8	668.7	646.7	625.4	603.7	580.9
-13.75°	756.0	741.8	725.5	707.5	688.5	668.7	648.5	628.7	608.8	587.2	565.8
-15°	726.3	713.1	698.2	681.8	664.5	646.7	628.7	610.5	590.4	570.3	550.2
-16.25°	696.5	684.6	671.1	656.3	641.1	625.4	608.8	590.4	571.8	553.0	533.3
-17.5°	667.5	656.7	645.1	632.2	618.8	603.7	587.2	570.3	553.0	534.7	515.1
-18.75°	640.0	630.7	620.6	608.9	595.3	580.9	565.8	550.2	533.3	515.1	495.2
-20°	614.4	605.7	595.4	584.0	571.6	558.5	544.4	529.0	512.2	493.6	472.9
-21.25°	587.5	579.5	570.1	559.8	548.5	535.7	521.8	506.5	489.0	469.6	447.7



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	561.5	554.1	545.5	535.5	524.3	511.7	497.6	481.4	463.0	441.9	416.9
-23.75°	535.6	528.4	519.8	509.9	498.6	485.3	470.3	453.3	432.4	410.2	389.2
-25°	508.5	501.3	492.2	481.9	469.6	455.7	438.7	419.2	400.5	381.5	362.1
-26.25°	478.7	470.7	461.2	450.3	435.9	419.9	404.2	387.8	371.0	353.2	334.6
-27.5°	444.4	435.1	424.2	412.3	400.1	386.7	372.7	357.7	341.6	324.6	307.8
-28.75°	405.3	397.6	388.5	378.4	367.3	355.0	341.7	327.3	312.5	298.0	282.8
-30°	370.5	363.4	355.0	345.6	334.9	323.2	311.2	299.0	285.9	272.0	257.4
-31.25°	336.3	329.5	321.6	313.0	304.1	294.1	283.3	271.6	259.1	246.9	234.5
-32.5°	303.8	298.1	291.4	283.7	275.1	265.6	255.3	245.4	234.8	223.5	211.6
-33.75°	273.5	268.0	261.6	254.4	247.2	239.2	230.4	221.0	210.8	200.1	190.3
-35°	244.6	240.0	234.6	228.5	221.5	213.9	205.5	197.0	188.7	179.8	170.5
-36.25°	217.8	213.5	208.3	202.4	196.5	190.3	183.4	176.0	168.0	159.5	151.3
-37.5°	192.5	189.0	184.8	180.0	174.5	168.6	162.0	154.9	148.8	142.5	135.8
-38.75°	169.7	166.3	162.3	157.7	152.9	148.5	143.6	138.3	132.6	126.6	120.1
-40°	148.6	146.1	143.1	139.7	135.9	131.6	126.9	121.8	116.7	111.6	106.3
-41.25°	131.0	128.5	125.7	122.4	118.7	115.2	111.3	107.1	102.6	97.8	92.6
-42.5°	114.0	112.0	109.7	107.0	104.0	100.6	96.9	92.9	88.5	83.5	78.2
-43.75°	98.8	96.9	94.7	92.1	89.2	85.8	81.9	77.7	73.2	68.4	63.2
-45°	83.3	81.3	78.9	76.3	73.2	69.9	66.2	62.1	57.8	53.3	49.0
-46.25°	66.8	64.9	62.6	60.0	57.1	54.0	50.9	47.5	43.9	39.9	35.8
-47.5°	50.8	49.2	47.3	45.1	42.7	40.0	37.0	33.8	30.3	26.5	24.0
-48.75°	36.3	34.8	33.0	30.9	28.6	26.0	24.3	22.9	21.4	19.8	18.1
-50°	23.7	23.1	22.3	21.4	20.4	19.3	18.1	16.8	15.3	13.8	12.2
-51.25°	17.3	16.7	15.9	15.1	14.1	13.1	12.2	12.1	12.0	11.9	11.8
-52.5°	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.7	11.6	11.6	11.5
-53.75°	11.7	11.7	11.6	11.6	11.5	11.5	11.4	11.3	11.3	11.2	11.1
-55°	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
-56.25°	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.4
-57.5°	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.1	10.1	10.0
-58.75°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.8	9.7	9.6
-60°	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3	9.3	9.2
-61.25°	9.3	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.9	8.9
-62.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-63.75°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8
-65°	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4
-66.25°	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.2	8.2	8.1	8.1
-67.5°	8.1	8.0	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7
-68.75°	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3
-70°	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9
-71.25°	6.9	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6
-72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-73.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-75°	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2
-76.25°	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9
-77.5°	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3	5.3



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5
-80°	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9
-81.25°	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-82.5°	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2
-83.75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7
-85°	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2
-86.25°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2
85°	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9
83.75°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5
82.5°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9
81.25°	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3
80°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6
78.75°	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.1	4.0	4.0	3.9
77.5°	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4
76.25°	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
75°	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7
73.75°	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.2	6.2	6.1	6.1
72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4
71.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
70°	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.5
68.75°	7.3	7.2	7.2	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6
67.5°	7.6	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9
66.25°	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.3
65°	8.4	8.3	8.3	8.2	8.1	8.0	7.9	7.9	7.8	7.7	7.6
63.75°	8.8	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9
62.5°	8.9	8.9	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
61.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.7	8.6
60°	9.1	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
58.75°	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.9	8.9	8.9
57.5°	9.9	9.8	9.7	9.6	9.5	9.4	9.2	9.1	9.0	8.9	8.9
56.25°	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.2	9.1
55°	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.4
53.75°	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.2	10.1	9.9	9.8
52.5°	11.4	11.3	11.2	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1
51.25°	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.4
50°	12.1	12.0	11.9	11.7	11.6	11.5	11.3	11.2	11.0	10.9	10.7
48.75°	16.3	14.4	12.3	12.1	11.9	11.8	11.7	11.5	11.3	11.2	11.0
47.5°	22.1	20.1	18.0	15.8	13.5	12.1	12.0	11.8	11.7	11.5	11.3
46.25°	31.4	26.7	23.7	21.4	19.0	16.5	13.9	12.1	12.0	11.8	11.6
45°	44.4	39.5	34.4	29.1	24.4	21.9	19.2	16.4	13.6	12.1	11.9
43.75°	57.7	52.3	47.0	41.4	35.7	29.7	24.4	21.5	18.6	15.5	12.4
42.5°	72.5	66.5	60.2	53.7	47.7	41.5	35.0	28.4	23.5	20.4	17.1
41.25°	87.1	80.9	74.4	67.6	60.5	53.2	46.5	39.6	32.5	25.2	21.8
40°	100.6	94.7	88.4	81.4	74.0	66.4	58.5	50.8	43.4	35.9	28.1
38.75°	114.0	107.8	101.3	94.6	87.5	79.6	71.4	62.9	54.2	46.4	38.4
37.5°	128.7	121.2	114.1	107.1	99.8	92.2	84.1	75.4	66.4	57.2	48.5
36.25°	144.0	136.2	128.1	119.7	112.0	104.1	96.1	87.7	78.4	68.9	59.1
35°	160.5	151.1	142.7	133.9	124.9	115.9	107.5	98.9	90.1	80.5	70.4



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	180.0	169.2	157.9	148.1	138.7	128.9	118.9	110.0	100.9	91.5	81.5
32.5°	199.3	188.1	176.4	164.2	152.3	142.2	131.9	121.2	111.5	101.8	92.0
31.25°	221.4	207.8	194.6	182.0	169.0	155.6	144.6	133.6	122.4	111.9	101.8
30°	243.5	229.4	214.6	199.5	186.1	172.2	157.9	145.8	134.2	122.4	111.5
28.75°	266.8	250.7	235.4	219.6	203.2	188.5	173.8	158.7	145.8	133.6	121.2
27.5°	291.2	273.9	255.9	239.5	222.6	205.2	189.3	173.8	157.9	144.6	131.9
26.25°	315.3	297.3	278.7	259.5	241.5	223.6	205.2	188.5	172.2	155.6	142.2
25°	341.8	320.8	301.0	281.1	260.7	241.5	222.6	203.2	186.1	169.0	152.3
23.75°	368.0	346.2	323.6	302.3	281.1	259.5	239.5	219.6	199.5	182.0	164.2
22.5°	394.0	371.0	347.7	323.6	301.0	278.7	255.9	235.4	214.6	194.6	176.4
21.25°	420.7	395.6	371.0	346.2	320.8	297.3	273.9	250.7	229.4	207.8	188.1
20°	449.6	420.7	394.0	368.0	341.8	315.3	291.2	266.8	243.5	221.4	199.3
18.75°	472.9	447.7	416.9	389.2	362.1	334.6	307.8	282.8	257.4	234.5	211.6
17.5°	493.6	469.6	441.9	410.2	381.5	353.2	324.6	298.0	272.0	246.9	223.5
16.25°	512.2	489.0	463.0	432.4	400.5	371.0	341.6	312.5	285.9	259.1	234.8
15°	529.0	506.5	481.4	453.3	419.2	387.8	357.7	327.3	299.0	271.6	245.4
13.75°	544.4	521.8	497.6	470.3	438.7	404.2	372.7	341.7	311.2	283.3	255.3
12.5°	558.5	535.7	511.7	485.3	455.7	419.9	386.7	355.0	323.2	294.1	265.6
11.25°	571.6	548.5	524.3	498.6	469.6	435.9	400.1	367.3	334.9	304.1	275.1
10°	584.0	559.8	535.5	509.9	481.9	450.3	412.3	378.4	345.6	313.0	283.7
8.75°	595.4	570.1	545.5	519.8	492.2	461.2	424.2	388.5	355.0	321.6	291.4
7.5°	605.7	579.5	554.1	528.4	501.3	470.7	435.1	397.6	363.4	329.5	298.1
6.25°	614.4	587.5	561.5	535.6	508.5	478.7	444.4	405.3	370.5	336.3	303.8
5°	621.3	594.4	567.6	541.5	514.3	484.8	451.6	411.8	376.3	341.9	308.5
3.75°	626.7	599.8	572.5	546.2	518.9	489.6	456.6	416.9	380.9	346.2	312.2
2.5°	630.6	603.8	576.1	549.5	522.2	493.1	460.3	421.0	384.2	349.3	314.8
1.25°	633.0	606.1	578.2	551.4	524.2	495.1	462.4	423.5	386.1	351.2	316.4
0°	633.8	606.9	579.0	552.1	524.9	495.8	463.2	424.3	386.8	351.9	316.9
-1.25°	633.0	606.1	578.2	551.4	524.2	495.1	462.4	423.5	386.1	351.2	316.4
-2.5°	630.6	603.8	576.1	549.5	522.2	493.1	460.3	421.0	384.2	349.3	314.8
-3.75°	626.7	599.8	572.5	546.2	518.9	489.6	456.6	416.9	380.9	346.2	312.2
-5°	621.3	594.4	567.6	541.5	514.3	484.8	451.6	411.8	376.3	341.9	308.5
-6.25°	614.4	587.5	561.5	535.6	508.5	478.7	444.4	405.3	370.5	336.3	303.8
-7.5°	605.7	579.5	554.1	528.4	501.3	470.7	435.1	397.6	363.4	329.5	298.1
-8.75°	595.4	570.1	545.5	519.8	492.2	461.2	424.2	388.5	355.0	321.6	291.4
-10°	584.0	559.8	535.5	509.9	481.9	450.3	412.3	378.4	345.6	313.0	283.7
-11.25°	571.6	548.5	524.3	498.6	469.6	435.9	400.1	367.3	334.9	304.1	275.1
-12.5°	558.5	535.7	511.7	485.3	455.7	419.9	386.7	355.0	323.2	294.1	265.6
-13.75°	544.4	521.8	497.6	470.3	438.7	404.2	372.7	341.7	311.2	283.3	255.3
-15°	529.0	506.5	481.4	453.3	419.2	387.8	357.7	327.3	299.0	271.6	245.4
-16.25°	512.2	489.0	463.0	432.4	400.5	371.0	341.6	312.5	285.9	259.1	234.8
-17.5°	493.6	469.6	441.9	410.2	381.5	353.2	324.6	298.0	272.0	246.9	223.5
-18.75°	472.9	447.7	416.9	389.2	362.1	334.6	307.8	282.8	257.4	234.5	211.6
-20°	449.6	420.7	394.0	368.0	341.8	315.3	291.2	266.8	243.5	221.4	199.3
-21.25°	420.7	395.6	371.0	346.2	320.8	297.3	273.9	250.7	229.4	207.8	188.1



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	394.0	371.0	347.7	323.6	301.0	278.7	255.9	235.4	214.6	194.6	176.4
-23.75°	368.0	346.2	323.6	302.3	281.1	259.5	239.5	219.6	199.5	182.0	164.2
-25°	341.8	320.8	301.0	281.1	260.7	241.5	222.6	203.2	186.1	169.0	152.3
-26.25°	315.3	297.3	278.7	259.5	241.5	223.6	205.2	188.5	172.2	155.6	142.2
-27.5°	291.2	273.9	255.9	239.5	222.6	205.2	189.3	173.8	157.9	144.6	131.9
-28.75°	266.8	250.7	235.4	219.6	203.2	188.5	173.8	158.7	145.8	133.6	121.2
-30°	243.5	229.4	214.6	199.5	186.1	172.2	157.9	145.8	134.2	122.4	111.5
-31.25°	221.4	207.8	194.6	182.0	169.0	155.6	144.6	133.6	122.4	111.9	101.8
-32.5°	199.3	188.1	176.4	164.2	152.3	142.2	131.9	121.2	111.5	101.8	92.0
-33.75°	180.0	169.2	157.9	148.1	138.7	128.9	118.9	110.0	100.9	91.5	81.5
-35°	160.5	151.1	142.7	133.9	124.9	115.9	107.5	98.9	90.1	80.5	70.4
-36.25°	144.0	136.2	128.1	119.7	112.0	104.1	96.1	87.7	78.4	68.9	59.1
-37.5°	128.7	121.2	114.1	107.1	99.8	92.2	84.1	75.4	66.4	57.2	48.5
-38.75°	114.0	107.8	101.3	94.6	87.5	79.6	71.4	62.9	54.2	46.4	38.4
-40°	100.6	94.7	88.4	81.4	74.0	66.4	58.5	50.8	43.4	35.9	28.1
-41.25°	87.1	80.9	74.4	67.6	60.5	53.2	46.5	39.6	32.5	25.2	21.8
-42.5°	72.5	66.5	60.2	53.7	47.7	41.5	35.0	28.4	23.5	20.4	17.1
-43.75°	57.7	52.3	47.0	41.4	35.7	29.7	24.4	21.5	18.6	15.5	12.4
-45°	44.4	39.5	34.4	29.1	24.4	21.9	19.2	16.4	13.6	12.1	11.9
-46.25°	31.4	26.7	23.7	21.4	19.0	16.5	13.9	12.1	12.0	11.8	11.6
-47.5°	22.1	20.1	18.0	15.8	13.5	12.1	12.0	11.8	11.7	11.5	11.3
-48.75°	16.3	14.4	12.3	12.1	11.9	11.8	11.7	11.5	11.3	11.2	11.0
-50°	12.1	12.0	11.9	11.7	11.6	11.5	11.3	11.2	11.0	10.9	10.7
-51.25°	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.4
-52.5°	11.4	11.3	11.2	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.1
-53.75°	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.2	10.1	9.9	9.8
-55°	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.4
-56.25°	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.2	9.1
-57.5°	9.9	9.8	9.7	9.6	9.5	9.4	9.2	9.1	9.0	8.9	8.9
-58.75°	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.9	8.9	8.9
-60°	9.1	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-61.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.7	8.6
-62.5°	8.9	8.9	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
-63.75°	8.8	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9
-65°	8.4	8.3	8.3	8.2	8.1	8.0	7.9	7.9	7.8	7.7	7.6
-66.25°	8.0	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.3
-67.5°	7.6	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9
-68.75°	7.3	7.2	7.2	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6
-70°	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.5
-71.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-72.5°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4
-73.75°	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.2	6.2	6.1	6.1
-75°	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7
-76.25°	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1
-77.5°	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.1	4.0	4.0	3.9
-80°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.7	3.6	3.6
-81.25°	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3
-82.5°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-83.75°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5
-85°	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9
-86.25°	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
85°	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4
83.75°	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0
82.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5
81.25°	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
80°	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1
78.75°	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.4	3.4
77.5°	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.7
76.25°	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	3.9
75°	5.7	5.5	5.4	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.3
73.75°	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8
72.5°	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.4
71.25°	6.5	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.0	5.9	5.8
70°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.2	6.1
68.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3
67.5°	6.8	6.7	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5
66.25°	7.2	7.1	7.0	6.9	6.8	6.7	6.5	6.5	6.5	6.5	6.5
65°	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.5	6.5
63.75°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.6
62.5°	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.3	7.1	7.0	6.9
61.25°	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.3	7.1
60°	8.8	8.6	8.5	8.4	8.2	8.1	8.0	7.8	7.7	7.5	7.4
58.75°	8.9	8.9	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6
57.5°	8.9	8.9	8.9	8.9	8.8	8.7	8.5	8.4	8.2	8.0	7.9
56.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.5	8.3	8.1
55°	9.3	9.1	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.6	8.4
53.75°	9.6	9.4	9.3	9.1	8.9	8.9	8.9	8.9	8.9	8.8	8.6
52.5°	9.9	9.8	9.6	9.4	9.2	9.0	8.9	8.9	8.9	8.9	8.9
51.25°	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.9	8.9	8.9
50°	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.9	8.9
48.75°	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.9
47.5°	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.3	9.0
46.25°	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.3
45°	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.0	9.8	9.5
43.75°	12.0	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.3	10.0	9.8
42.5°	13.8	12.1	11.9	11.7	11.4	11.2	11.0	10.7	10.5	10.3	10.0
41.25°	18.4	14.9	12.1	11.9	11.7	11.5	11.2	11.0	10.7	10.5	10.2
40°	22.9	19.3	15.6	12.2	11.9	11.7	11.5	11.2	11.0	10.7	10.4
38.75°	30.2	23.7	19.9	16.0	12.2	11.9	11.7	11.4	11.2	10.9	10.6
37.5°	40.1	31.4	24.0	20.0	16.0	12.2	11.9	11.7	11.4	11.1	10.8
36.25°	49.8	40.9	31.8	24.0	19.9	15.6	12.1	11.9	11.6	11.3	11.0
35°	60.1	50.3	40.9	31.4	23.7	19.3	14.9	12.1	11.8	11.5	11.2



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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°	70.9	60.1	49.8	40.1	30.2	22.9	18.4	13.8	12.0	11.7	11.4
32.5°	81.5	70.4	59.1	48.5	38.4	28.1	21.8	17.1	12.4	11.9	11.6
31.25°	91.5	80.5	68.9	57.2	46.4	35.9	25.2	20.4	15.5	12.1	11.8
30°	100.9	90.1	78.4	66.4	54.2	43.4	32.5	23.5	18.6	13.6	12.0
28.75°	110.0	98.9	87.7	75.4	62.9	50.8	39.6	28.4	21.5	16.4	12.1
27.5°	118.9	107.5	96.1	84.1	71.4	58.5	46.5	35.0	24.4	19.2	13.9
26.25°	128.9	115.9	104.1	92.2	79.6	66.4	53.2	41.5	29.7	21.9	16.5
25°	138.7	124.9	112.0	99.8	87.5	74.0	60.5	47.7	35.7	24.4	19.0
23.75°	148.1	133.9	119.7	107.1	94.6	81.4	67.6	53.7	41.4	29.1	21.4
22.5°	157.9	142.7	128.1	114.1	101.3	88.4	74.4	60.2	47.0	34.4	23.7
21.25°	169.2	151.1	136.2	121.2	107.8	94.7	80.9	66.5	52.3	39.5	26.7
20°	180.0	160.5	144.0	128.7	114.0	100.6	87.1	72.5	57.7	44.4	31.4
18.75°	190.3	170.5	151.3	135.8	120.1	106.3	92.6	78.2	63.2	49.0	35.8
17.5°	200.1	179.8	159.5	142.5	126.6	111.6	97.8	83.5	68.4	53.3	39.9
16.25°	210.8	188.7	168.0	148.8	132.6	116.7	102.6	88.5	73.2	57.8	43.9
15°	221.0	197.0	176.0	154.9	138.3	121.8	107.1	92.9	77.7	62.1	47.5
13.75°	230.4	205.5	183.4	162.0	143.6	126.9	111.3	96.9	81.9	66.2	50.9
12.5°	239.2	213.9	190.3	168.6	148.5	131.6	115.2	100.6	85.8	69.9	54.0
11.25°	247.2	221.5	196.5	174.5	152.9	135.9	118.7	104.0	89.2	73.2	57.1
10°	254.4	228.5	202.4	180.0	157.7	139.7	122.4	107.0	92.1	76.3	60.0
8.75°	261.6	234.6	208.3	184.8	162.3	143.1	125.7	109.7	94.7	78.9	62.6
7.5°	268.0	240.0	213.5	189.0	166.3	146.1	128.5	112.0	96.9	81.3	64.9
6.25°	273.5	244.6	217.8	192.5	169.7	148.6	131.0	114.0	98.8	83.3	66.8
5°	278.0	248.4	221.5	195.5	172.5	150.7	132.9	115.7	100.4	84.9	68.3
3.75°	281.5	251.3	224.3	197.7	174.7	152.3	134.5	117.0	101.6	86.2	69.5
2.5°	284.0	253.4	226.3	199.4	176.3	153.5	135.6	117.9	102.5	87.1	70.4
1.25°	285.5	254.7	227.5	200.4	177.2	154.2	136.3	118.4	103.0	87.6	70.9
0°	286.0	255.1	227.9	200.7	177.6	154.4	136.5	118.6	103.2	87.8	71.1
-1.25°	285.5	254.7	227.5	200.4	177.2	154.2	136.3	118.4	103.0	87.6	70.9
-2.5°	284.0	253.4	226.3	199.4	176.3	153.5	135.6	117.9	102.5	87.1	70.4
-3.75°	281.5	251.3	224.3	197.7	174.7	152.3	134.5	117.0	101.6	86.2	69.5
-5°	278.0	248.4	221.5	195.5	172.5	150.7	132.9	115.7	100.4	84.9	68.3
-6.25°	273.5	244.6	217.8	192.5	169.7	148.6	131.0	114.0	98.8	83.3	66.8
-7.5°	268.0	240.0	213.5	189.0	166.3	146.1	128.5	112.0	96.9	81.3	64.9
-8.75°	261.6	234.6	208.3	184.8	162.3	143.1	125.7	109.7	94.7	78.9	62.6
-10°	254.4	228.5	202.4	180.0	157.7	139.7	122.4	107.0	92.1	76.3	60.0
-11.25°	247.2	221.5	196.5	174.5	152.9	135.9	118.7	104.0	89.2	73.2	57.1
-12.5°	239.2	213.9	190.3	168.6	148.5	131.6	115.2	100.6	85.8	69.9	54.0
-13.75°	230.4	205.5	183.4	162.0	143.6	126.9	111.3	96.9	81.9	66.2	50.9
-15°	221.0	197.0	176.0	154.9	138.3	121.8	107.1	92.9	77.7	62.1	47.5
-16.25°	210.8	188.7	168.0	148.8	132.6	116.7	102.6	88.5	73.2	57.8	43.9
-17.5°	200.1	179.8	159.5	142.5	126.6	111.6	97.8	83.5	68.4	53.3	39.9
-18.75°	190.3	170.5	151.3	135.8	120.1	106.3	92.6	78.2	63.2	49.0	35.8
-20°	180.0	160.5	144.0	128.7	114.0	100.6	87.1	72.5	57.7	44.4	31.4
-21.25°	169.2	151.1	136.2	121.2	107.8	94.7	80.9	66.5	52.3	39.5	26.7



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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°	157.9	142.7	128.1	114.1	101.3	88.4	74.4	60.2	47.0	34.4	23.7
-23.75°	148.1	133.9	119.7	107.1	94.6	81.4	67.6	53.7	41.4	29.1	21.4
-25°	138.7	124.9	112.0	99.8	87.5	74.0	60.5	47.7	35.7	24.4	19.0
-26.25°	128.9	115.9	104.1	92.2	79.6	66.4	53.2	41.5	29.7	21.9	16.5
-27.5°	118.9	107.5	96.1	84.1	71.4	58.5	46.5	35.0	24.4	19.2	13.9
-28.75°	110.0	98.9	87.7	75.4	62.9	50.8	39.6	28.4	21.5	16.4	12.1
-30°	100.9	90.1	78.4	66.4	54.2	43.4	32.5	23.5	18.6	13.6	12.0
-31.25°	91.5	80.5	68.9	57.2	46.4	35.9	25.2	20.4	15.5	12.1	11.8
-32.5°	81.5	70.4	59.1	48.5	38.4	28.1	21.8	17.1	12.4	11.9	11.6
-33.75°	70.9	60.1	49.8	40.1	30.2	22.9	18.4	13.8	12.0	11.7	11.4
-35°	60.1	50.3	40.9	31.4	23.7	19.3	14.9	12.1	11.8	11.5	11.2
-36.25°	49.8	40.9	31.8	24.0	19.9	15.6	12.1	11.9	11.6	11.3	11.0
-37.5°	40.1	31.4	24.0	20.0	16.0	12.2	11.9	11.7	11.4	11.1	10.8
-38.75°	30.2	23.7	19.9	16.0	12.2	11.9	11.7	11.4	11.2	10.9	10.6
-40°	22.9	19.3	15.6	12.2	11.9	11.7	11.5	11.2	11.0	10.7	10.4
-41.25°	18.4	14.9	12.1	11.9	11.7	11.5	11.2	11.0	10.7	10.5	10.2
-42.5°	13.8	12.1	11.9	11.7	11.4	11.2	11.0	10.7	10.5	10.3	10.0
-43.75°	12.0	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.3	10.0	9.8
-45°	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.0	9.8	9.5
-46.25°	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.3
-47.5°	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.3	9.0
-48.75°	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.2	9.0	8.9
-50°	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.9	8.9
-51.25°	10.2	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.9	8.9	8.9
-52.5°	9.9	9.8	9.6	9.4	9.2	9.0	8.9	8.9	8.9	8.9	8.9
-53.75°	9.6	9.4	9.3	9.1	8.9	8.9	8.9	8.9	8.9	8.8	8.6
-55°	9.3	9.1	8.9	8.9	8.9	8.9	8.9	8.9	8.7	8.6	8.4
-56.25°	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.6	8.5	8.3	8.1
-57.5°	8.9	8.9	8.9	8.9	8.8	8.7	8.5	8.4	8.2	8.0	7.9
-58.75°	8.9	8.9	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6
-60°	8.8	8.6	8.5	8.4	8.2	8.1	8.0	7.8	7.7	7.5	7.4
-61.25°	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.3	7.1
-62.5°	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.3	7.1	7.0	6.9
-63.75°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.6
-65°	7.5	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.5	6.5
-66.25°	7.2	7.1	7.0	6.9	6.8	6.7	6.5	6.5	6.5	6.5	6.5
-67.5°	6.8	6.7	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-68.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3
-70°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.2	6.1
-71.25°	6.5	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.0	5.9	5.8
-72.5°	6.3	6.3	6.2	6.1	6.0	6.0	5.9	5.8	5.7	5.6	5.4
-73.75°	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.0	4.8
-75°	5.7	5.5	5.4	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.3
-76.25°	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	3.9
-77.5°	4.3	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.7



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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°	3.9	3.8	3.8	3.7	3.7	3.7	3.6	3.5	3.5	3.4	3.4
-80°	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1
-81.25°	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.8
-82.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5
-83.75°	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0
-85°	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-86.25°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.9	8.9	8.8
32.5°	11.3	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.9	8.9	8.9
31.25°	11.5	11.2	10.9	10.6	10.2	9.9	9.6	9.2	8.9	8.9	8.9
30°	11.7	11.3	11.0	10.7	10.4	10.1	9.7	9.4	9.0	8.9	8.9
28.75°	11.8	11.5	11.2	10.9	10.5	10.2	9.9	9.5	9.1	8.9	8.9
27.5°	12.0	11.7	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.9	8.9
26.25°	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.9
25°	13.5	11.9	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.1	8.9
23.75°	15.8	12.1	11.7	11.4	11.0	10.7	10.3	10.0	9.6	9.2	8.9
22.5°	18.0	12.3	11.9	11.5	11.2	10.8	10.4	10.1	9.7	9.3	8.9
21.25°	20.1	14.4	12.0	11.6	11.3	10.9	10.5	10.2	9.8	9.4	9.0
20°	22.1	16.3	12.1	11.7	11.4	11.0	10.6	10.3	9.9	9.5	9.1
18.75°	24.0	18.1	12.2	11.8	11.5	11.1	10.7	10.4	10.0	9.6	9.2
17.5°	26.5	19.8	13.8	11.9	11.6	11.2	10.8	10.4	10.1	9.7	9.3
16.25°	30.3	21.4	15.3	12.0	11.6	11.3	10.9	10.5	10.1	9.8	9.3
15°	33.8	22.9	16.8	12.1	11.7	11.3	11.0	10.6	10.2	9.8	9.4
13.75°	37.0	24.3	18.1	12.2	11.8	11.4	11.0	10.7	10.3	9.9	9.5
12.5°	40.0	26.0	19.3	13.1	11.9	11.5	11.1	10.7	10.3	9.9	9.5
11.25°	42.7	28.6	20.4	14.1	11.9	11.5	11.2	10.8	10.4	10.0	9.6
10°	45.1	30.9	21.4	15.1	12.0	11.6	11.2	10.8	10.4	10.0	9.6
8.75°	47.3	33.0	22.3	15.9	12.0	11.6	11.3	10.9	10.5	10.1	9.7
7.5°	49.2	34.8	23.1	16.7	12.1	11.7	11.3	10.9	10.5	10.1	9.7
6.25°	50.8	36.3	23.7	17.3	12.1	11.7	11.3	10.9	10.5	10.1	9.7
5°	52.1	37.6	24.2	17.8	12.1	11.7	11.4	11.0	10.6	10.2	9.8
3.75°	53.1	38.5	24.7	18.2	12.2	11.8	11.4	11.0	10.6	10.2	9.8
2.5°	53.8	39.2	25.0	18.5	12.2	11.8	11.4	11.0	10.6	10.2	9.8
1.25°	54.3	39.7	25.1	18.6	12.2	11.8	11.4	11.0	10.6	10.2	9.8
0°	54.4	39.8	25.2	18.7	12.2	11.8	11.4	11.0	10.6	10.2	9.8
-1.25°	54.3	39.7	25.1	18.6	12.2	11.8	11.4	11.0	10.6	10.2	9.8
-2.5°	53.8	39.2	25.0	18.5	12.2	11.8	11.4	11.0	10.6	10.2	9.8
-3.75°	53.1	38.5	24.7	18.2	12.2	11.8	11.4	11.0	10.6	10.2	9.8
-5°	52.1	37.6	24.2	17.8	12.1	11.7	11.4	11.0	10.6	10.2	9.8
-6.25°	50.8	36.3	23.7	17.3	12.1	11.7	11.3	10.9	10.5	10.1	9.7
-7.5°	49.2	34.8	23.1	16.7	12.1	11.7	11.3	10.9	10.5	10.1	9.7
-8.75°	47.3	33.0	22.3	15.9	12.0	11.6	11.3	10.9	10.5	10.1	9.7
-10°	45.1	30.9	21.4	15.1	12.0	11.6	11.2	10.8	10.4	10.0	9.6
-11.25°	42.7	28.6	20.4	14.1	11.9	11.5	11.2	10.8	10.4	10.0	9.6
-12.5°	40.0	26.0	19.3	13.1	11.9	11.5	11.1	10.7	10.3	9.9	9.5
-13.75°	37.0	24.3	18.1	12.2	11.8	11.4	11.0	10.7	10.3	9.9	9.5
-15°	33.8	22.9	16.8	12.1	11.7	11.3	11.0	10.6	10.2	9.8	9.4
-16.25°	30.3	21.4	15.3	12.0	11.6	11.3	10.9	10.5	10.1	9.8	9.3
-17.5°	26.5	19.8	13.8	11.9	11.6	11.2	10.8	10.4	10.1	9.7	9.3
-18.75°	24.0	18.1	12.2	11.8	11.5	11.1	10.7	10.4	10.0	9.6	9.2
-20°	22.1	16.3	12.1	11.7	11.4	11.0	10.6	10.3	9.9	9.5	9.1
-21.25°	20.1	14.4	12.0	11.6	11.3	10.9	10.5	10.2	9.8	9.4	9.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	18.0	12.3	11.9	11.5	11.2	10.8	10.4	10.1	9.7	9.3	8.9
-23.75°	15.8	12.1	11.7	11.4	11.0	10.7	10.3	10.0	9.6	9.2	8.9
-25°	13.5	11.9	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.1	8.9
-26.25°	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.9
-27.5°	12.0	11.7	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.9	8.9
-28.75°	11.8	11.5	11.2	10.9	10.5	10.2	9.9	9.5	9.1	8.9	8.9
-30°	11.7	11.3	11.0	10.7	10.4	10.1	9.7	9.4	9.0	8.9	8.9
-31.25°	11.5	11.2	10.9	10.6	10.2	9.9	9.6	9.2	8.9	8.9	8.9
-32.5°	11.3	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.9	8.9	8.9
-33.75°	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.9	8.9	8.8
-35°	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.9	8.9	8.9	8.6
-36.25°	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.9	8.9	8.8	8.5
-37.5°	10.6	10.3	10.0	9.7	9.4	9.1	8.9	8.9	8.9	8.7	8.4
-38.75°	10.4	10.1	9.8	9.5	9.2	8.9	8.9	8.9	8.8	8.5	8.2
-40°	10.2	9.9	9.6	9.3	9.0	8.9	8.9	8.9	8.7	8.4	8.1
-41.25°	10.0	9.7	9.4	9.1	8.9	8.9	8.9	8.8	8.5	8.2	8.0
-42.5°	9.8	9.5	9.2	8.9	8.9	8.9	8.9	8.6	8.4	8.1	7.8
-43.75°	9.5	9.2	9.0	8.9	8.9	8.9	8.7	8.5	8.2	7.9	7.7
-45°	9.3	9.0	8.9	8.9	8.9	8.8	8.6	8.3	8.0	7.8	7.5
-46.25°	9.0	8.9	8.9	8.9	8.9	8.6	8.4	8.1	7.9	7.6	7.4
-47.5°	8.9	8.9	8.9	8.9	8.7	8.4	8.2	8.0	7.7	7.5	7.2
-48.75°	8.9	8.9	8.9	8.7	8.5	8.2	8.0	7.8	7.5	7.3	7.1
-50°	8.9	8.9	8.7	8.5	8.3	8.0	7.8	7.6	7.4	7.1	6.9
-51.25°	8.9	8.7	8.5	8.3	8.1	7.9	7.6	7.4	7.2	7.0	6.7
-52.5°	8.7	8.5	8.3	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.6
-53.75°	8.4	8.2	8.0	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.5
-55°	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.5	6.5
-56.25°	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.5	6.5
-57.5°	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.5	6.5	6.5	6.5
-58.75°	7.5	7.3	7.1	7.0	6.8	6.6	6.5	6.5	6.5	6.5	6.5
-60°	7.2	7.1	6.9	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.3
-61.25°	7.0	6.8	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.2
-62.5°	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.1	6.0
-63.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.1	5.9	5.8
-65°	6.5	6.5	6.5	6.5	6.5	6.3	6.2	6.0	5.9	5.8	5.5
-66.25°	6.5	6.5	6.5	6.4	6.2	6.1	6.0	5.8	5.7	5.4	5.1
-67.5°	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.6	5.3	5.0	4.8
-68.75°	6.2	6.1	6.0	5.9	5.8	5.6	5.4	5.1	4.9	4.6	4.4
-70°	6.0	5.9	5.8	5.6	5.4	5.2	4.9	4.7	4.5	4.2	4.1
-71.25°	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	4.0	3.9
-72.5°	5.2	5.0	4.8	4.6	4.5	4.3	4.1	4.0	3.9	3.8	3.7
-73.75°	4.7	4.5	4.3	4.2	4.0	3.9	3.9	3.8	3.7	3.6	3.5
-75°	4.1	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.4	3.3
-76.25°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1	3.1
-77.5°	3.6	3.5	3.5	3.4	3.3	3.2	3.2	3.1	3.0	2.9	2.8



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.6
-80°	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4
-81.25°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.0
-82.5°	2.4	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6
-83.75°	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.2
-85°	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
-86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
83.75°	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6
82.5°	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
81.25°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
80°	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0
78.75°	2.5	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.4	1.2
77.5°	2.8	2.7	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.4
76.25°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.6
75°	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.1	1.9
73.75°	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.3	2.1
72.5°	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.5	2.3
71.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.7	2.6	2.5
70°	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.7	2.6
68.75°	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2	3.0	2.9	2.7
67.5°	4.5	4.2	4.0	3.9	3.7	3.6	3.5	3.3	3.1	3.0	2.8
66.25°	4.8	4.6	4.3	4.0	3.9	3.7	3.6	3.4	3.3	3.1	2.9
65°	5.2	4.9	4.6	4.3	4.0	3.9	3.7	3.6	3.4	3.2	3.0
63.75°	5.6	5.2	4.9	4.6	4.3	4.0	3.9	3.7	3.5	3.3	3.2
62.5°	5.8	5.6	5.2	4.9	4.6	4.2	4.0	3.8	3.6	3.5	3.3
61.25°	6.0	5.8	5.6	5.2	4.8	4.5	4.1	3.9	3.7	3.6	3.4
60°	6.2	6.0	5.8	5.5	5.1	4.8	4.4	4.1	3.9	3.7	3.5
58.75°	6.3	6.1	5.9	5.8	5.4	5.0	4.6	4.2	4.0	3.8	3.6
57.5°	6.5	6.3	6.1	5.9	5.7	5.3	4.9	4.5	4.1	3.9	3.7
56.25°	6.5	6.5	6.3	6.0	5.8	5.6	5.1	4.7	4.3	4.0	3.8
55°	6.5	6.5	6.4	6.2	6.0	5.8	5.4	4.9	4.5	4.1	3.9
53.75°	6.5	6.5	6.5	6.3	6.1	5.9	5.6	5.2	4.7	4.3	3.9
52.5°	6.5	6.5	6.5	6.5	6.2	6.0	5.8	5.4	4.9	4.5	4.0
51.25°	6.5	6.5	6.5	6.5	6.4	6.1	5.9	5.6	5.1	4.6	4.2
50°	6.7	6.5	6.5	6.5	6.5	6.3	6.0	5.8	5.3	4.8	4.3
48.75°	6.8	6.6	6.5	6.5	6.5	6.4	6.1	5.9	5.5	5.0	4.5
47.5°	7.0	6.7	6.5	6.5	6.5	6.5	6.2	6.0	5.7	5.2	4.7
46.25°	7.1	6.9	6.6	6.5	6.5	6.5	6.3	6.1	5.8	5.4	4.8
45°	7.3	7.0	6.7	6.5	6.5	6.5	6.5	6.2	5.9	5.6	5.0
43.75°	7.4	7.1	6.9	6.6	6.5	6.5	6.5	6.3	6.0	5.7	5.2
42.5°	7.5	7.3	7.0	6.7	6.5	6.5	6.5	6.4	6.1	5.8	5.3
41.25°	7.7	7.4	7.1	6.8	6.5	6.5	6.5	6.5	6.2	5.9	5.5
40°	7.8	7.5	7.2	6.9	6.7	6.5	6.5	6.5	6.3	6.0	5.6
38.75°	8.0	7.7	7.4	7.1	6.8	6.5	6.5	6.5	6.3	6.0	5.7
37.5°	8.1	7.8	7.5	7.2	6.9	6.6	6.5	6.5	6.4	6.1	5.8
36.25°	8.2	7.9	7.6	7.3	7.0	6.7	6.5	6.5	6.5	6.2	5.9
35°	8.3	8.0	7.7	7.4	7.1	6.7	6.5	6.5	6.5	6.3	5.9



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	8.4	8.1	7.8	7.5	7.2	6.8	6.5	6.5	6.5	6.3	6.0
32.5°	8.6	8.2	7.9	7.6	7.3	6.9	6.6	6.5	6.5	6.4	6.1
31.25°	8.7	8.3	8.0	7.7	7.3	7.0	6.7	6.5	6.5	6.5	6.1
30°	8.8	8.4	8.1	7.8	7.4	7.1	6.8	6.5	6.5	6.5	6.2
28.75°	8.9	8.5	8.2	7.9	7.5	7.2	6.8	6.5	6.5	6.5	6.2
27.5°	8.9	8.6	8.3	7.9	7.6	7.2	6.9	6.6	6.5	6.5	6.3
26.25°	8.9	8.7	8.4	8.0	7.7	7.3	7.0	6.6	6.5	6.5	6.4
25°	8.9	8.8	8.5	8.1	7.8	7.4	7.0	6.7	6.5	6.5	6.4
23.75°	8.9	8.9	8.5	8.2	7.8	7.5	7.1	6.7	6.5	6.5	6.4
22.5°	8.9	8.9	8.6	8.3	7.9	7.5	7.2	6.8	6.5	6.5	6.5
21.25°	8.9	8.9	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.5	6.5
20°	8.9	8.9	8.8	8.4	8.0	7.6	7.3	6.9	6.5	6.5	6.5
18.75°	8.9	8.9	8.8	8.4	8.1	7.7	7.3	6.9	6.6	6.5	6.5
17.5°	8.9	8.9	8.9	8.5	8.1	7.7	7.4	7.0	6.6	6.5	6.5
16.25°	8.9	8.9	8.9	8.6	8.2	7.8	7.4	7.0	6.7	6.5	6.5
15°	9.0	8.9	8.9	8.6	8.2	7.8	7.5	7.1	6.7	6.5	6.5
13.75°	9.0	8.9	8.9	8.7	8.3	7.9	7.5	7.1	6.7	6.5	6.5
12.5°	9.1	8.9	8.9	8.7	8.3	7.9	7.5	7.1	6.8	6.5	6.5
11.25°	9.1	8.9	8.9	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.5
10°	9.2	8.9	8.9	8.8	8.4	8.0	7.6	7.2	6.8	6.5	6.5
8.75°	9.2	8.9	8.9	8.8	8.4	8.0	7.6	7.2	6.8	6.5	6.5
7.5°	9.3	8.9	8.9	8.8	8.4	8.0	7.6	7.2	6.8	6.5	6.5
6.25°	9.3	8.9	8.9	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.5
5°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
3.75°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
2.5°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
1.25°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
0°	9.4	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
-1.25°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
-2.5°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
-3.75°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
-5°	9.3	8.9	8.9	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.5
-6.25°	9.3	8.9	8.9	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.5
-7.5°	9.3	8.9	8.9	8.8	8.4	8.0	7.6	7.2	6.8	6.5	6.5
-8.75°	9.2	8.9	8.9	8.8	8.4	8.0	7.6	7.2	6.8	6.5	6.5
-10°	9.2	8.9	8.9	8.8	8.4	8.0	7.6	7.2	6.8	6.5	6.5
-11.25°	9.1	8.9	8.9	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.5
-12.5°	9.1	8.9	8.9	8.7	8.3	7.9	7.5	7.1	6.8	6.5	6.5
-13.75°	9.0	8.9	8.9	8.7	8.3	7.9	7.5	7.1	6.7	6.5	6.5
-15°	9.0	8.9	8.9	8.6	8.2	7.8	7.5	7.1	6.7	6.5	6.5
-16.25°	8.9	8.9	8.9	8.6	8.2	7.8	7.4	7.0	6.7	6.5	6.5
-17.5°	8.9	8.9	8.9	8.5	8.1	7.7	7.4	7.0	6.6	6.5	6.5
-18.75°	8.9	8.9	8.8	8.4	8.1	7.7	7.3	6.9	6.6	6.5	6.5
-20°	8.9	8.9	8.8	8.4	8.0	7.6	7.3	6.9	6.5	6.5	6.5
-21.25°	8.9	8.9	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.5	6.5



REPORT NUMBER: P220335 (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°
-22.5°	8.9	8.9	8.6	8.3	7.9	7.5	7.2	6.8	6.5	6.5	6.5
-23.75°	8.9	8.9	8.5	8.2	7.8	7.5	7.1	6.7	6.5	6.5	6.4
-25°	8.9	8.8	8.5	8.1	7.8	7.4	7.0	6.7	6.5	6.5	6.4
-26.25°	8.9	8.7	8.4	8.0	7.7	7.3	7.0	6.6	6.5	6.5	6.4
-27.5°	8.9	8.6	8.3	7.9	7.6	7.2	6.9	6.6	6.5	6.5	6.3
-28.75°	8.9	8.5	8.2	7.9	7.5	7.2	6.8	6.5	6.5	6.5	6.2
-30°	8.8	8.4	8.1	7.8	7.4	7.1	6.8	6.5	6.5	6.5	6.2
-31.25°	8.7	8.3	8.0	7.7	7.3	7.0	6.7	6.5	6.5	6.5	6.1
-32.5°	8.6	8.2	7.9	7.6	7.3	6.9	6.6	6.5	6.5	6.4	6.1
-33.75°	8.4	8.1	7.8	7.5	7.2	6.8	6.5	6.5	6.5	6.3	6.0
-35°	8.3	8.0	7.7	7.4	7.1	6.7	6.5	6.5	6.5	6.3	5.9
-36.25°	8.2	7.9	7.6	7.3	7.0	6.7	6.5	6.5	6.5	6.2	5.9
-37.5°	8.1	7.8	7.5	7.2	6.9	6.6	6.5	6.5	6.4	6.1	5.8
-38.75°	8.0	7.7	7.4	7.1	6.8	6.5	6.5	6.5	6.3	6.0	5.7
-40°	7.8	7.5	7.2	6.9	6.7	6.5	6.5	6.5	6.3	6.0	5.6
-41.25°	7.7	7.4	7.1	6.8	6.5	6.5	6.5	6.5	6.2	5.9	5.5
-42.5°	7.5	7.3	7.0	6.7	6.5	6.5	6.5	6.4	6.1	5.8	5.3
-43.75°	7.4	7.1	6.9	6.6	6.5	6.5	6.5	6.3	6.0	5.7	5.2
-45°	7.3	7.0	6.7	6.5	6.5	6.5	6.5	6.2	5.9	5.6	5.0
-46.25°	7.1	6.9	6.6	6.5	6.5	6.5	6.3	6.1	5.8	5.4	4.8
-47.5°	7.0	6.7	6.5	6.5	6.5	6.5	6.2	6.0	5.7	5.2	4.7
-48.75°	6.8	6.6	6.5	6.5	6.5	6.4	6.1	5.9	5.5	5.0	4.5
-50°	6.7	6.5	6.5	6.5	6.5	6.3	6.0	5.8	5.3	4.8	4.3
-51.25°	6.5	6.5	6.5	6.5	6.4	6.1	5.9	5.6	5.1	4.6	4.2
-52.5°	6.5	6.5	6.5	6.5	6.2	6.0	5.8	5.4	4.9	4.5	4.0
-53.75°	6.5	6.5	6.5	6.3	6.1	5.9	5.6	5.2	4.7	4.3	3.9
-55°	6.5	6.5	6.4	6.2	6.0	5.8	5.4	4.9	4.5	4.1	3.9
-56.25°	6.5	6.5	6.3	6.0	5.8	5.6	5.1	4.7	4.3	4.0	3.8
-57.5°	6.5	6.3	6.1	5.9	5.7	5.3	4.9	4.5	4.1	3.9	3.7
-58.75°	6.3	6.1	5.9	5.8	5.4	5.0	4.6	4.2	4.0	3.8	3.6
-60°	6.2	6.0	5.8	5.5	5.1	4.8	4.4	4.1	3.9	3.7	3.5
-61.25°	6.0	5.8	5.6	5.2	4.8	4.5	4.1	3.9	3.7	3.6	3.4
-62.5°	5.8	5.6	5.2	4.9	4.6	4.2	4.0	3.8	3.6	3.5	3.3
-63.75°	5.6	5.2	4.9	4.6	4.3	4.0	3.9	3.7	3.5	3.3	3.2
-65°	5.2	4.9	4.6	4.3	4.0	3.9	3.7	3.6	3.4	3.2	3.0
-66.25°	4.8	4.6	4.3	4.0	3.9	3.7	3.6	3.4	3.3	3.1	2.9
-67.5°	4.5	4.2	4.0	3.9	3.7	3.6	3.5	3.3	3.1	3.0	2.8
-68.75°	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2	3.0	2.9	2.7
-70°	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.7	2.6
-71.25°	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.7	2.6	2.5
-72.5°	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.7	2.6	2.5	2.3
-73.75°	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.3	2.1
-75°	3.2	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.1	1.9
-76.25°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.6
-77.5°	2.8	2.7	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.4



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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°	2.5	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.4	1.2
-80°	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0
-81.25°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-82.5°	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
-83.75°	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
-86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	5.7	5.0	4.3	3.9	3.6	3.2	2.8	2.5	1.9	1.2	0.7
32.5°	5.7	5.1	4.4	3.9	3.6	3.3	2.9	2.5	1.9	1.2	0.7
31.25°	5.8	5.2	4.5	4.0	3.6	3.3	2.9	2.5	1.9	1.3	0.7
30°	5.8	5.3	4.6	4.0	3.7	3.3	2.9	2.5	2.0	1.3	0.7
28.75°	5.9	5.4	4.7	4.1	3.7	3.4	3.0	2.6	2.0	1.3	0.7
27.5°	5.9	5.5	4.8	4.1	3.7	3.4	3.0	2.6	2.0	1.3	0.7
26.25°	6.0	5.6	4.9	4.1	3.8	3.4	3.0	2.6	2.1	1.4	0.7
25°	6.0	5.7	4.9	4.2	3.8	3.4	3.0	2.6	2.1	1.4	0.7
23.75°	6.1	5.7	5.0	4.3	3.8	3.5	3.1	2.7	2.1	1.4	0.7
22.5°	6.1	5.8	5.1	4.3	3.9	3.5	3.1	2.7	2.2	1.4	0.7
21.25°	6.2	5.8	5.1	4.4	3.9	3.5	3.1	2.7	2.2	1.4	0.7
20°	6.2	5.8	5.2	4.5	3.9	3.5	3.1	2.7	2.2	1.5	0.8
18.75°	6.2	5.9	5.3	4.5	3.9	3.6	3.2	2.7	2.2	1.5	0.8
17.5°	6.3	5.9	5.3	4.6	4.0	3.6	3.2	2.7	2.3	1.5	0.8
16.25°	6.3	5.9	5.4	4.6	4.0	3.6	3.2	2.8	2.3	1.5	0.8
15°	6.3	5.9	5.4	4.7	4.0	3.6	3.2	2.8	2.3	1.5	0.8
13.75°	6.4	6.0	5.5	4.7	4.0	3.6	3.2	2.8	2.3	1.5	0.8
12.5°	6.4	6.0	5.5	4.7	4.0	3.6	3.2	2.8	2.3	1.5	0.8
11.25°	6.4	6.0	5.5	4.8	4.0	3.6	3.2	2.8	2.3	1.6	0.8
10°	6.4	6.0	5.6	4.8	4.1	3.7	3.3	2.8	2.4	1.6	0.8
8.75°	6.4	6.0	5.6	4.8	4.1	3.7	3.3	2.8	2.4	1.6	0.8
7.5°	6.5	6.1	5.6	4.8	4.1	3.7	3.3	2.8	2.4	1.6	0.8
6.25°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
5°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
3.75°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
2.5°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
1.25°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
0°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.9	2.4	1.6	0.8
-1.25°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-2.5°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-3.75°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-5°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-6.25°	6.5	6.1	5.7	4.9	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-7.5°	6.5	6.1	5.6	4.8	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-8.75°	6.4	6.0	5.6	4.8	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-10°	6.4	6.0	5.6	4.8	4.1	3.7	3.3	2.8	2.4	1.6	0.8
-11.25°	6.4	6.0	5.5	4.8	4.0	3.6	3.2	2.8	2.3	1.6	0.8
-12.5°	6.4	6.0	5.5	4.7	4.0	3.6	3.2	2.8	2.3	1.5	0.8
-13.75°	6.4	6.0	5.5	4.7	4.0	3.6	3.2	2.8	2.3	1.5	0.8
-15°	6.3	5.9	5.4	4.7	4.0	3.6	3.2	2.8	2.3	1.5	0.8
-16.25°	6.3	5.9	5.4	4.6	4.0	3.6	3.2	2.8	2.3	1.5	0.8
-17.5°	6.3	5.9	5.3	4.6	4.0	3.6	3.2	2.7	2.3	1.5	0.8
-18.75°	6.2	5.9	5.3	4.5	3.9	3.6	3.2	2.7	2.2	1.5	0.8
-20°	6.2	5.8	5.2	4.5	3.9	3.5	3.1	2.7	2.2	1.5	0.8
-21.25°	6.2	5.8	5.1	4.4	3.9	3.5	3.1	2.7	2.2	1.4	0.7



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.3	0.0
32.5°	0.3	0.0
31.25°	0.3	0.0
30°	0.3	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.4	0.0
23.75°	0.4	0.0
22.5°	0.4	0.0
21.25°	0.4	0.0
20°	0.4	0.0
18.75°	0.4	0.0
17.5°	0.4	0.0
16.25°	0.4	0.0
15°	0.4	0.0
13.75°	0.4	0.0
12.5°	0.4	0.0
11.25°	0.4	0.0
10°	0.4	0.0
8.75°	0.4	0.0
7.5°	0.4	0.0
6.25°	0.4	0.0
5°	0.4	0.0
3.75°	0.4	0.0
2.5°	0.4	0.0
1.25°	0.4	0.0
0°	0.4	0.0
-1.25°	0.4	0.0
-2.5°	0.4	0.0
-3.75°	0.4	0.0
-5°	0.4	0.0
-6.25°	0.4	0.0
-7.5°	0.4	0.0
-8.75°	0.4	0.0
-10°	0.4	0.0
-11.25°	0.4	0.0
-12.5°	0.4	0.0
-13.75°	0.4	0.0
-15°	0.4	0.0
-16.25°	0.4	0.0
-17.5°	0.4	0.0
-18.75°	0.4	0.0
-20°	0.4	0.0
-21.25°	0.4	0.0



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220335 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)