

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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

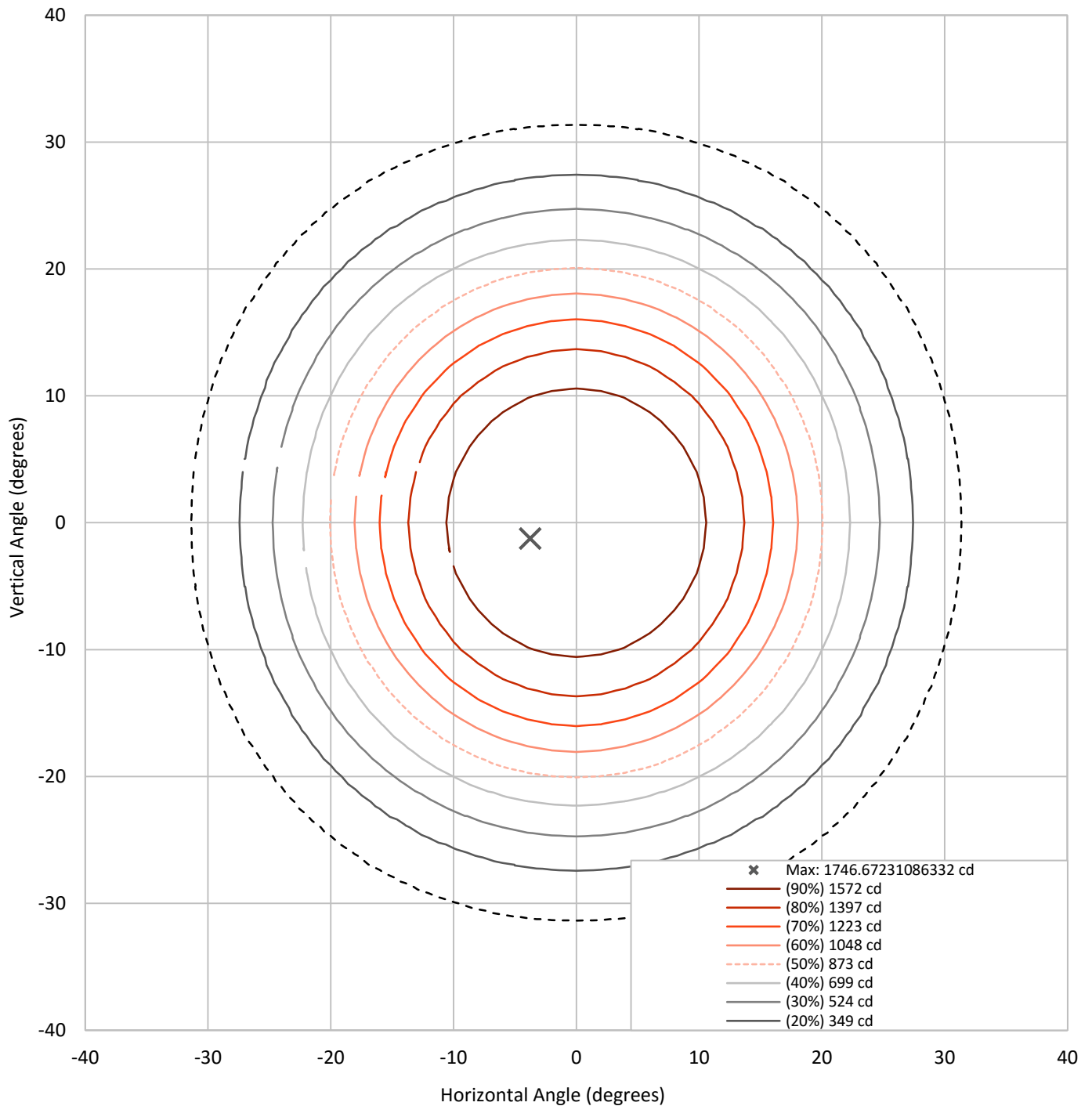
Test Method: LM-79-08
Report Number: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29411)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3500K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	844.9 lumens	Max Intensity:	1746.7 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	84.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.1°H x 39.5°V	Field Angle (10%):	62.7°H x 62.3°V
Beam Lumens:	514.8 lumens	Field Lumens:	757.9 lumens
Beam Efficiency:	60.9%	Field Efficiency:	89.7%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





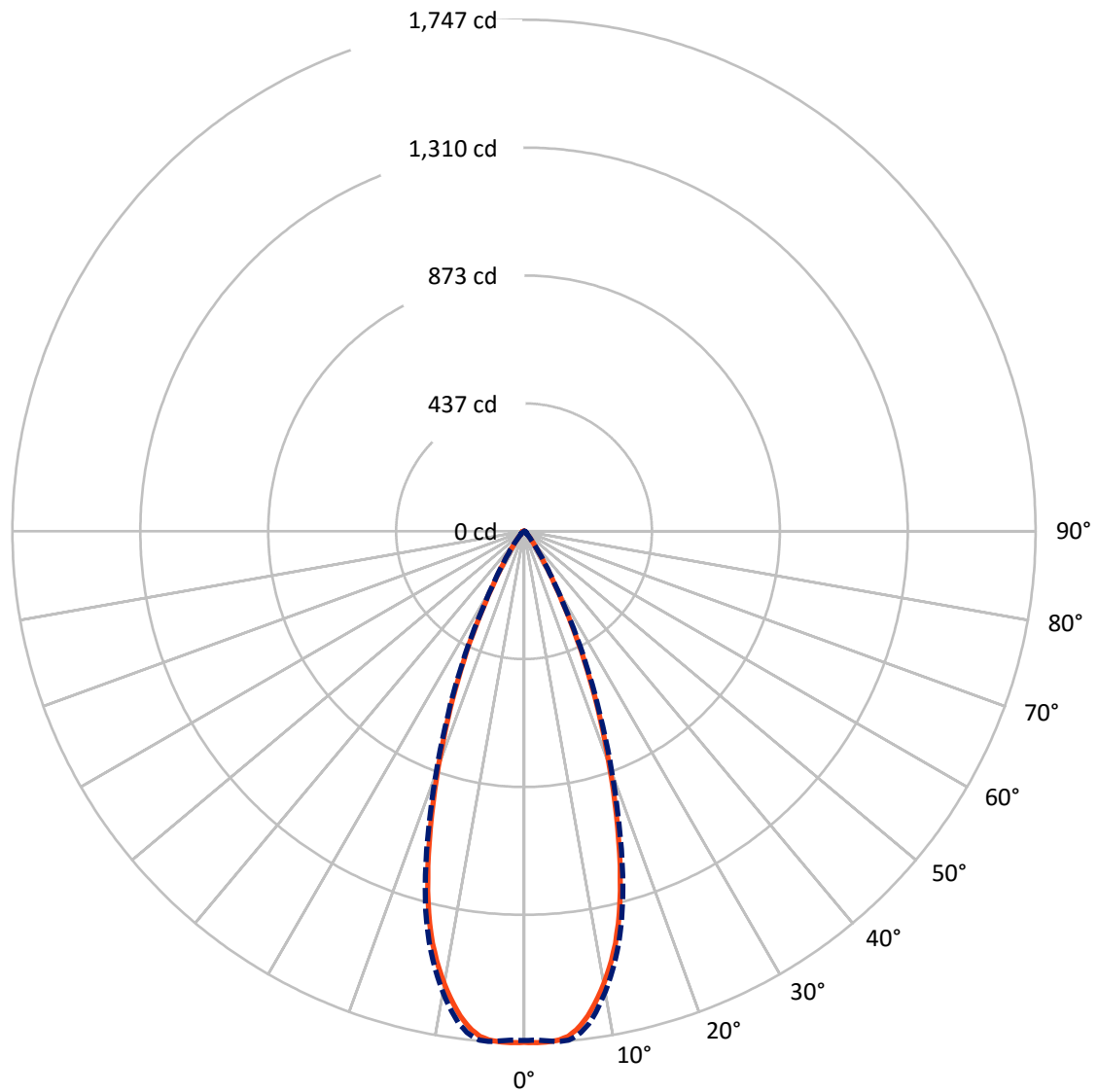
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Lumen Table

90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
60		0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1				
50	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1			
40		0.1	0.1	0.2	0.4	0.9	1.9	3.0	3.0	1.9	0.9	0.4	0.2	0.1	0.1				
30	0.1	0.1	0.1	0.3	0.8	2.9	8.5	14.5	14.5	8.5	2.9	0.8	0.3	0.1	0.1	0.1			
20		0.1	0.2	0.4	1.6	8.0	23.2	36.5	36.5	23.2	8.0	1.6	0.4	0.2	0.1				
10	0.1	0.1	0.2	0.4	2.5	13.3	35.4	50.4	50.4	35.4	13.3	2.5	0.4	0.2	0.1	0.1			
0		0.1	0.2	0.4	2.5	13.3	35.4	50.4	50.4	35.4	13.3	2.5	0.4	0.2	0.1				
-10	0.1	0.1	0.2	0.4	2.5	13.3	35.4	50.4	50.4	35.4	13.3	2.5	0.4	0.2	0.1	0.1			
-20		0.1	0.2	0.4	1.6	8.0	23.2	36.5	36.5	23.2	8.0	1.6	0.4	0.2	0.1				
-30	0.1	0.1	0.1	0.3	0.8	2.9	8.5	14.5	14.5	8.5	2.9	0.8	0.3	0.1	0.1	0.1			
-40		0.1	0.1	0.2	0.4	0.9	1.9	3.0	3.0	1.9	0.9	0.4	0.2	0.1	0.1				
-50	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0			
-60		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-70	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
-80		0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0									
-90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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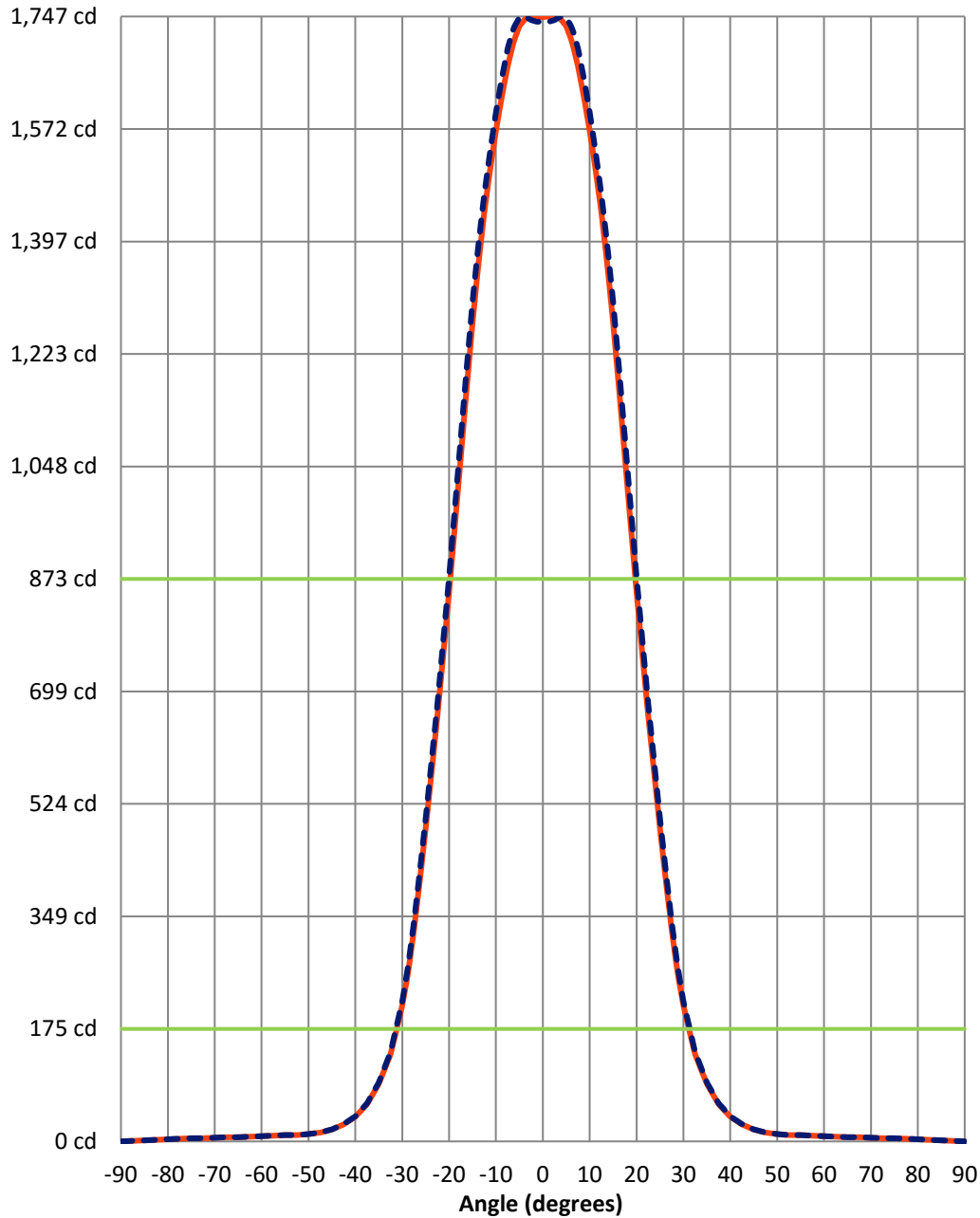
Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg - - - Horizontal Distribution Through -1.25-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 40.1°
 V Angle: 39.5°
 Lumens: 514.8
 Efficiency: 60.9%

Field:
 H Angle: 62.7°
 V Angle: 62.3°
 Lumens: 757.9
 Efficiency: 89.7%

Spill:
 Lumens: 87.1
 Efficiency: 10.3%

— Vertical Distribution through -3.75-Deg
 - - Horizontal Distribution through -1.25-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	0.9
75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.2	1.4
68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
67.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
66.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
65°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.7
63.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8
62.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.8
61.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.7	1.9
60°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
58.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.7	1.9	2.1
57.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
56.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
55°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.1	2.3
53.75°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.1	2.4
52.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
51.25°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.5
50°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
48.75°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.7
47.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.4	2.7
46.25°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5	2.8
45°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.6	2.9
43.75°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
42.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
41.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
40°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	2.8	3.1
38.75°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.9	3.2
37.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.3
36.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	3.0	3.3
35°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.4



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.1	3.4
32.5°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.5
31.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.2	3.5
30°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.2	3.6
28.75°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.9	3.2	3.6
27.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.9	3.3	3.6
26.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.3	3.7
25°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.6	3.0	3.4	3.7
23.75°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.0	3.4	3.8
22.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.0	3.4	3.8
21.25°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	2.6	3.1	3.5	3.8
20°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9
18.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9
17.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9
16.25°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.2	3.6	3.9
15°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.2	3.6	4.0
13.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.8	3.2	3.6	4.0
12.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.8	3.2	3.6	4.0
11.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
10°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
8.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
7.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
6.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
3.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
2.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
1.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
0°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.3	3.7	4.1
-1.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.3	3.7	4.1
-2.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
-3.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
-5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
-6.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
-7.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
-8.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1
-10°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-11.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-12.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.8	3.2	3.6	4.0
-13.75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.8	3.2	3.6	4.0
-15°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.2	3.6	4.0
-16.25°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.2	3.6	3.9
-17.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9
-18.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9
-20°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.5	3.9
-21.25°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	2.6	3.1	3.5	3.8



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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	0.8	0.9
82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
81.25°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
80°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4
78.75°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6
77.5°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8
76.25°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9
75°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
73.75°	1.2	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3
72.5°	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.5
71.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6
70°	1.5	1.6	1.8	1.9	2.0	2.1	2.3	2.4	2.6	2.7	2.8
68.75°	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0
67.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2
66.25°	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4
65°	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.5
63.75°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.7
62.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9
61.25°	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0
60°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2
58.75°	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3
57.5°	2.3	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5
56.25°	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.7
55°	2.5	2.8	3.0	3.3	3.5	3.7	3.9	4.2	4.4	4.6	4.8
53.75°	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9
52.5°	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.9	4.9
51.25°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.8	4.9	4.9
50°	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7	4.9	4.9	4.9
48.75°	2.9	3.2	3.5	3.8	4.0	4.3	4.5	4.8	4.9	4.9	4.9
47.5°	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	4.9	4.9	4.9
46.25°	3.1	3.4	3.7	3.9	4.2	4.5	4.7	4.9	4.9	4.9	5.0
45°	3.2	3.5	3.8	4.0	4.3	4.6	4.9	4.9	4.9	4.9	5.1
43.75°	3.3	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	5.0	5.3
42.5°	3.3	3.6	3.9	4.2	4.5	4.8	4.9	4.9	4.9	5.1	5.4
41.25°	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9	5.2	5.5
40°	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	5.1	5.3	5.6
38.75°	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	5.2	5.5	5.8
37.5°	3.6	3.9	4.2	4.5	4.8	4.9	4.9	5.0	5.3	5.6	5.9
36.25°	3.6	4.0	4.3	4.6	4.9	4.9	4.9	5.1	5.4	5.7	6.0
35°	3.7	4.0	4.3	4.7	4.9	4.9	4.9	5.1	5.5	5.8	6.1



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	3.7	4.1	4.4	4.7	4.9	4.9	4.9	5.2	5.6	5.9	6.2
32.5°	3.8	4.1	4.5	4.8	4.9	4.9	5.0	5.3	5.7	6.0	6.3
31.25°	3.9	4.2	4.5	4.9	4.9	4.9	5.1	5.4	5.7	6.1	6.4
30°	3.9	4.2	4.6	4.9	4.9	4.9	5.2	5.5	5.8	6.2	6.5
28.75°	3.9	4.3	4.6	4.9	4.9	4.9	5.2	5.6	5.9	6.3	6.5
27.5°	4.0	4.3	4.7	4.9	4.9	5.0	5.3	5.6	6.0	6.3	6.5
26.25°	4.0	4.4	4.8	4.9	4.9	5.0	5.4	5.7	6.1	6.4	6.5
25°	4.1	4.4	4.8	4.9	4.9	5.1	5.4	5.8	6.2	6.5	6.5
23.75°	4.1	4.5	4.8	4.9	4.9	5.1	5.5	5.9	6.2	6.5	6.5
22.5°	4.2	4.5	4.9	4.9	4.9	5.2	5.6	5.9	6.3	6.5	6.5
21.25°	4.2	4.6	4.9	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5
20°	4.2	4.6	4.9	4.9	4.9	5.3	5.7	6.0	6.4	6.5	6.5
18.75°	4.3	4.6	4.9	4.9	5.0	5.3	5.7	6.1	6.5	6.5	6.5
17.5°	4.3	4.7	4.9	4.9	5.0	5.4	5.8	6.1	6.5	6.5	6.5
16.25°	4.3	4.7	4.9	4.9	5.1	5.4	5.8	6.2	6.5	6.5	6.5
15°	4.3	4.7	4.9	4.9	5.1	5.5	5.9	6.2	6.5	6.5	6.6
13.75°	4.4	4.8	4.9	4.9	5.1	5.5	5.9	6.3	6.5	6.5	6.6
12.5°	4.4	4.8	4.9	4.9	5.2	5.5	5.9	6.3	6.5	6.5	6.7
11.25°	4.4	4.8	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.7
10°	4.4	4.8	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.8
8.75°	4.4	4.8	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.8
7.5°	4.5	4.9	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.8
6.25°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.8
5°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
3.75°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
2.5°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
1.25°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
0°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
-1.25°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
-2.5°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
-3.75°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
-5°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.9
-6.25°	4.5	4.9	4.9	4.9	5.3	5.7	6.1	6.5	6.5	6.5	6.8
-7.5°	4.5	4.9	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.8
-8.75°	4.4	4.8	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.8
-10°	4.4	4.8	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.8
-11.25°	4.4	4.8	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5	6.7
-12.5°	4.4	4.8	4.9	4.9	5.2	5.5	5.9	6.3	6.5	6.5	6.7
-13.75°	4.4	4.8	4.9	4.9	5.1	5.5	5.9	6.3	6.5	6.5	6.6
-15°	4.3	4.7	4.9	4.9	5.1	5.5	5.9	6.2	6.5	6.5	6.6
-16.25°	4.3	4.7	4.9	4.9	5.1	5.4	5.8	6.2	6.5	6.5	6.5
-17.5°	4.3	4.7	4.9	4.9	5.0	5.4	5.8	6.1	6.5	6.5	6.5
-18.75°	4.3	4.6	4.9	4.9	5.0	5.3	5.7	6.1	6.5	6.5	6.5
-20°	4.2	4.6	4.9	4.9	4.9	5.3	5.7	6.0	6.4	6.5	6.5
-21.25°	4.2	4.6	4.9	4.9	4.9	5.2	5.6	6.0	6.4	6.5	6.5



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CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	4.2	4.5	4.9	4.9	4.9	5.2	5.6	5.9	6.3	6.5	6.5
-23.75°	4.1	4.5	4.8	4.9	4.9	5.1	5.5	5.9	6.2	6.5	6.5
-25°	4.1	4.4	4.8	4.9	4.9	5.1	5.4	5.8	6.2	6.5	6.5
-26.25°	4.0	4.4	4.8	4.9	4.9	5.0	5.4	5.7	6.1	6.4	6.5
-27.5°	4.0	4.3	4.7	4.9	4.9	5.0	5.3	5.6	6.0	6.3	6.5
-28.75°	3.9	4.3	4.6	4.9	4.9	4.9	5.2	5.6	5.9	6.3	6.5
-30°	3.9	4.2	4.6	4.9	4.9	4.9	5.2	5.5	5.8	6.2	6.5
-31.25°	3.9	4.2	4.5	4.9	4.9	4.9	5.1	5.4	5.7	6.1	6.4
-32.5°	3.8	4.1	4.5	4.8	4.9	4.9	5.0	5.3	5.7	6.0	6.3
-33.75°	3.7	4.1	4.4	4.7	4.9	4.9	4.9	5.2	5.6	5.9	6.2
-35°	3.7	4.0	4.3	4.7	4.9	4.9	4.9	5.1	5.5	5.8	6.1
-36.25°	3.6	4.0	4.3	4.6	4.9	4.9	4.9	5.1	5.4	5.7	6.0
-37.5°	3.6	3.9	4.2	4.5	4.8	4.9	4.9	5.0	5.3	5.6	5.9
-38.75°	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	5.2	5.5	5.8
-40°	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	5.1	5.3	5.6
-41.25°	3.4	3.7	4.0	4.3	4.6	4.9	4.9	4.9	4.9	5.2	5.5
-42.5°	3.3	3.6	3.9	4.2	4.5	4.8	4.9	4.9	4.9	5.1	5.4
-43.75°	3.3	3.5	3.8	4.1	4.4	4.7	4.9	4.9	4.9	5.0	5.3
-45°	3.2	3.5	3.8	4.0	4.3	4.6	4.9	4.9	4.9	4.9	5.1
-46.25°	3.1	3.4	3.7	3.9	4.2	4.5	4.7	4.9	4.9	4.9	5.0
-47.5°	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	4.9	4.9	4.9
-48.75°	2.9	3.2	3.5	3.8	4.0	4.3	4.5	4.8	4.9	4.9	4.9
-50°	2.9	3.1	3.4	3.7	3.9	4.2	4.4	4.7	4.9	4.9	4.9
-51.25°	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.5	4.8	4.9	4.9
-52.5°	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6	4.9	4.9
-53.75°	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9
-55°	2.5	2.8	3.0	3.3	3.5	3.7	3.9	4.2	4.4	4.6	4.8
-56.25°	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.7
-57.5°	2.3	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5
-58.75°	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.3
-60°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2
-61.25°	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.0
-62.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.5	3.7	3.9
-63.75°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.7
-65°	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.5
-66.25°	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4
-67.5°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.1	3.2
-68.75°	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0
-70°	1.5	1.6	1.8	1.9	2.0	2.1	2.3	2.4	2.6	2.7	2.8
-71.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5	2.6
-72.5°	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.5
-73.75°	1.2	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3
-75°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-76.25°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9
-77.5°	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8



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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	0.9	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6
-80°	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4
-81.25°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
-83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
83.75°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
82.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
81.25°	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.7	1.8
80°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.1
78.75°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3
77.5°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6
76.25°	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9
75°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.1
73.75°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
72.5°	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7
71.25°	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
70°	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4.1	4.2
68.75°	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2	4.3	4.4
67.5°	3.4	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.7
66.25°	3.5	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.8	4.9
65°	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.7	4.9	4.9	4.9
63.75°	3.9	4.0	4.2	4.3	4.5	4.7	4.8	4.9	4.9	4.9	4.9
62.5°	4.0	4.2	4.4	4.5	4.7	4.9	4.9	4.9	4.9	4.9	4.9
61.25°	4.2	4.4	4.6	4.7	4.9	4.9	4.9	4.9	4.9	4.9	5.1
60°	4.4	4.6	4.7	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.3
58.75°	4.5	4.7	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.5
57.5°	4.7	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.6	5.8
56.25°	4.9	4.9	4.9	4.9	4.9	5.1	5.2	5.4	5.6	5.8	6.0
55°	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.6	5.8	6.0	6.2
53.75°	4.9	4.9	4.9	5.0	5.2	5.4	5.6	5.8	6.1	6.3	6.4
52.5°	4.9	4.9	5.0	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.5
51.25°	4.9	4.9	5.1	5.4	5.6	5.8	6.0	6.3	6.5	6.5	6.5
50°	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.5	6.5	6.5
48.75°	5.0	5.2	5.5	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5
47.5°	5.1	5.4	5.6	5.9	6.1	6.4	6.5	6.5	6.5	6.5	6.7
46.25°	5.3	5.5	5.8	6.0	6.3	6.5	6.5	6.5	6.5	6.7	6.9
45°	5.4	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.7	6.9	7.2
43.75°	5.5	5.8	6.1	6.3	6.5	6.5	6.5	6.6	6.8	7.1	7.4
42.5°	5.7	5.9	6.2	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.6
41.25°	5.8	6.1	6.4	6.5	6.5	6.5	6.7	6.9	7.2	7.5	7.7
40°	5.9	6.2	6.5	6.5	6.5	6.6	6.8	7.1	7.4	7.7	7.9
38.75°	6.1	6.4	6.5	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.1
37.5°	6.2	6.5	6.5	6.5	6.6	6.9	7.2	7.5	7.7	8.0	8.3
36.25°	6.3	6.5	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.2	8.5
35°	6.4	6.5	6.5	6.5	6.9	7.2	7.5	7.8	8.1	8.4	8.7



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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°
33.75°	6.5	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8
32.5°	6.5	6.5	6.5	6.8	7.1	7.4	7.8	8.1	8.4	8.7	9.0
31.25°	6.5	6.5	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.9	9.2
30°	6.5	6.5	6.7	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.4
28.75°	6.5	6.5	6.8	7.2	7.5	7.8	8.2	8.5	8.8	9.2	9.5
27.5°	6.5	6.6	6.9	7.3	7.6	7.9	8.3	8.6	9.0	9.3	9.7
26.25°	6.5	6.7	7.0	7.4	7.7	8.1	8.4	8.7	9.1	9.5	9.8
25°	6.5	6.8	7.1	7.5	7.8	8.2	8.5	8.9	9.3	9.6	9.8
23.75°	6.5	6.9	7.2	7.6	7.9	8.3	8.6	9.0	9.4	9.8	9.8
22.5°	6.6	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.5	9.8	9.8
21.25°	6.7	7.0	7.4	7.8	8.1	8.5	8.8	9.2	9.6	9.8	9.8
20°	6.7	7.1	7.5	7.8	8.2	8.6	8.9	9.4	9.8	9.8	9.8
18.75°	6.8	7.2	7.5	7.9	8.3	8.7	9.0	9.5	9.8	9.8	9.8
17.5°	6.9	7.2	7.6	8.0	8.4	8.7	9.1	9.6	9.8	9.8	10.0
16.25°	6.9	7.3	7.7	8.1	8.4	8.8	9.2	9.7	9.8	9.8	10.2
15°	7.0	7.4	7.7	8.1	8.5	8.9	9.3	9.7	9.8	9.8	10.4
13.75°	7.0	7.4	7.8	8.2	8.6	9.0	9.4	9.8	9.8	9.8	10.5
12.5°	7.1	7.5	7.9	8.2	8.6	9.0	9.5	9.8	9.8	9.9	10.7
11.25°	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.8	9.8	10.0	10.8
10°	7.2	7.5	7.9	8.3	8.7	9.1	9.6	9.8	9.8	10.2	10.9
8.75°	7.2	7.6	8.0	8.4	8.8	9.2	9.6	9.8	9.8	10.3	11.0
7.5°	7.2	7.6	8.0	8.4	8.8	9.2	9.7	9.8	9.8	10.3	11.1
6.25°	7.2	7.6	8.0	8.4	8.8	9.3	9.7	9.8	9.8	10.4	11.2
5°	7.3	7.7	8.1	8.5	8.9	9.3	9.7	9.8	9.8	10.5	11.3
3.75°	7.3	7.7	8.1	8.5	8.9	9.3	9.8	9.8	9.8	10.5	11.3
2.5°	7.3	7.7	8.1	8.5	8.9	9.3	9.8	9.8	9.8	10.6	11.4
1.25°	7.3	7.7	8.1	8.5	8.9	9.3	9.8	9.8	9.8	10.6	11.4
0°	7.3	7.7	8.1	8.5	8.9	9.4	9.8	9.8	9.8	10.6	11.4
-1.25°	7.3	7.7	8.1	8.5	8.9	9.3	9.8	9.8	9.8	10.6	11.4
-2.5°	7.3	7.7	8.1	8.5	8.9	9.3	9.8	9.8	9.8	10.6	11.4
-3.75°	7.3	7.7	8.1	8.5	8.9	9.3	9.8	9.8	9.8	10.5	11.3
-5°	7.3	7.7	8.1	8.5	8.9	9.3	9.7	9.8	9.8	10.5	11.3
-6.25°	7.2	7.6	8.0	8.4	8.8	9.3	9.7	9.8	9.8	10.4	11.2
-7.5°	7.2	7.6	8.0	8.4	8.8	9.2	9.7	9.8	9.8	10.3	11.1
-8.75°	7.2	7.6	8.0	8.4	8.8	9.2	9.6	9.8	9.8	10.3	11.0
-10°	7.2	7.5	7.9	8.3	8.7	9.1	9.6	9.8	9.8	10.2	10.9
-11.25°	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.8	9.8	10.0	10.8
-12.5°	7.1	7.5	7.9	8.2	8.6	9.0	9.5	9.8	9.8	9.9	10.7
-13.75°	7.0	7.4	7.8	8.2	8.6	9.0	9.4	9.8	9.8	9.8	10.5
-15°	7.0	7.4	7.7	8.1	8.5	8.9	9.3	9.7	9.8	9.8	10.4
-16.25°	6.9	7.3	7.7	8.1	8.4	8.8	9.2	9.7	9.8	9.8	10.2
-17.5°	6.9	7.2	7.6	8.0	8.4	8.7	9.1	9.6	9.8	9.8	10.0
-18.75°	6.8	7.2	7.5	7.9	8.3	8.7	9.0	9.5	9.8	9.8	9.8
-20°	6.7	7.1	7.5	7.8	8.2	8.6	8.9	9.4	9.8	9.8	9.8
-21.25°	6.7	7.0	7.4	7.8	8.1	8.5	8.8	9.2	9.6	9.8	9.8



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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°	6.6	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.5	9.8	9.8
-23.75°	6.5	6.9	7.2	7.6	7.9	8.3	8.6	9.0	9.4	9.8	9.8
-25°	6.5	6.8	7.1	7.5	7.8	8.2	8.5	8.9	9.3	9.6	9.8
-26.25°	6.5	6.7	7.0	7.4	7.7	8.1	8.4	8.7	9.1	9.5	9.8
-27.5°	6.5	6.6	6.9	7.3	7.6	7.9	8.3	8.6	9.0	9.3	9.7
-28.75°	6.5	6.5	6.8	7.2	7.5	7.8	8.2	8.5	8.8	9.2	9.5
-30°	6.5	6.5	6.7	7.0	7.4	7.7	8.0	8.4	8.7	9.0	9.4
-31.25°	6.5	6.5	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.9	9.2
-32.5°	6.5	6.5	6.5	6.8	7.1	7.4	7.8	8.1	8.4	8.7	9.0
-33.75°	6.5	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8
-35°	6.4	6.5	6.5	6.5	6.9	7.2	7.5	7.8	8.1	8.4	8.7
-36.25°	6.3	6.5	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.2	8.5
-37.5°	6.2	6.5	6.5	6.5	6.6	6.9	7.2	7.5	7.7	8.0	8.3
-38.75°	6.1	6.4	6.5	6.5	6.5	6.7	7.0	7.3	7.6	7.9	8.1
-40°	5.9	6.2	6.5	6.5	6.5	6.6	6.8	7.1	7.4	7.7	7.9
-41.25°	5.8	6.1	6.4	6.5	6.5	6.5	6.7	6.9	7.2	7.5	7.7
-42.5°	5.7	5.9	6.2	6.5	6.5	6.5	6.5	6.8	7.0	7.3	7.6
-43.75°	5.5	5.8	6.1	6.3	6.5	6.5	6.5	6.6	6.8	7.1	7.4
-45°	5.4	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.7	6.9	7.2
-46.25°	5.3	5.5	5.8	6.0	6.3	6.5	6.5	6.5	6.5	6.7	6.9
-47.5°	5.1	5.4	5.6	5.9	6.1	6.4	6.5	6.5	6.5	6.5	6.7
-48.75°	5.0	5.2	5.5	5.7	5.9	6.2	6.4	6.5	6.5	6.5	6.5
-50°	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.5	6.5	6.5
-51.25°	4.9	4.9	5.1	5.4	5.6	5.8	6.0	6.3	6.5	6.5	6.5
-52.5°	4.9	4.9	5.0	5.2	5.4	5.6	5.8	6.1	6.3	6.5	6.5
-53.75°	4.9	4.9	4.9	5.0	5.2	5.4	5.6	5.8	6.1	6.3	6.4
-55°	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.6	5.8	6.0	6.2
-56.25°	4.9	4.9	4.9	4.9	4.9	5.1	5.2	5.4	5.6	5.8	6.0
-57.5°	4.7	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.6	5.8
-58.75°	4.5	4.7	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.4	5.5
-60°	4.4	4.6	4.7	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.3
-61.25°	4.2	4.4	4.6	4.7	4.9	4.9	4.9	4.9	4.9	4.9	5.1
-62.5°	4.0	4.2	4.4	4.5	4.7	4.9	4.9	4.9	4.9	4.9	4.9
-63.75°	3.9	4.0	4.2	4.3	4.5	4.7	4.8	4.9	4.9	4.9	4.9
-65°	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.7	4.9	4.9	4.9
-66.25°	3.5	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.8	4.9
-67.5°	3.4	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.7
-68.75°	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.2	4.3	4.4
-70°	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4.1	4.2
-71.25°	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
-72.5°	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7
-73.75°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-75°	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.1
-76.25°	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-77.5°	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3
-80°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.1
-81.25°	1.3	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.7	1.8
-82.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5
-83.75°	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.3
-85°	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
85°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3
83.75°	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
82.5°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
81.25°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
80°	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6
78.75°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0
77.5°	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3
76.25°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6
75°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0
73.75°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.1	4.2	4.3
72.5°	3.8	3.9	3.9	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6
71.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
70°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.9	4.9	4.9
68.75°	4.5	4.6	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
67.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.1
66.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.2	5.3	5.4
65°	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7
63.75°	4.9	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.8	5.9	6.0
62.5°	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3
61.25°	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.4	6.5	6.5
60°	5.5	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.5	6.5	6.5
58.75°	5.7	5.9	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5
57.5°	5.9	6.1	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.7
56.25°	6.2	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.9	7.0
55°	6.4	6.5	6.5	6.5	6.5	6.5	6.7	6.8	7.0	7.2	7.3
53.75°	6.5	6.5	6.5	6.5	6.6	6.8	6.9	7.1	7.3	7.5	7.6
52.5°	6.5	6.5	6.5	6.7	6.8	7.0	7.2	7.4	7.6	7.7	7.9
51.25°	6.5	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2
50°	6.5	6.7	6.9	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.5
48.75°	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8
47.5°	7.0	7.2	7.4	7.6	7.8	8.1	8.3	8.5	8.7	8.9	9.1
46.25°	7.2	7.4	7.6	7.9	8.1	8.3	8.5	8.7	8.9	9.2	9.4
45°	7.4	7.6	7.9	8.1	8.3	8.6	8.8	9.0	9.2	9.5	9.7
43.75°	7.6	7.8	8.1	8.3	8.6	8.8	9.0	9.3	9.5	9.8	9.8
42.5°	7.8	8.1	8.3	8.6	8.8	9.1	9.3	9.6	9.8	9.8	9.8
41.25°	8.0	8.3	8.5	8.8	9.0	9.3	9.6	9.8	9.8	9.8	9.8
40°	8.2	8.5	8.7	9.0	9.3	9.6	9.8	9.8	9.8	9.8	10.2
38.75°	8.4	8.7	8.9	9.2	9.5	9.8	9.8	9.8	9.8	10.3	10.7
37.5°	8.6	8.9	9.2	9.5	9.8	9.8	9.8	9.8	10.3	10.8	11.3
36.25°	8.8	9.1	9.4	9.7	9.8	9.8	9.8	10.2	10.7	11.3	11.9
35°	9.0	9.3	9.6	9.8	9.8	9.8	10.1	10.7	11.2	11.9	12.7



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	9.2	9.5	9.8	9.8	9.8	10.0	10.6	11.1	11.8	12.6	13.4
32.5°	9.4	9.7	9.8	9.8	9.8	10.4	11.0	11.6	12.5	13.3	14.5
31.25°	9.6	9.8	9.8	9.8	10.2	10.8	11.4	12.3	13.1	14.2	15.9
30°	9.7	9.8	9.8	10.0	10.6	11.2	12.0	12.9	13.8	15.6	17.3
28.75°	9.8	9.8	9.8	10.3	10.9	11.7	12.6	13.5	15.0	16.9	18.7
27.5°	9.8	9.8	10.0	10.7	11.3	12.2	13.2	14.4	16.3	18.2	20.9
26.25°	9.8	9.8	10.3	11.0	11.8	12.7	13.7	15.6	17.5	19.9	23.0
25°	9.8	10.0	10.6	11.3	12.3	13.3	14.7	16.7	18.7	21.9	25.1
23.75°	9.8	10.2	10.9	11.7	12.7	13.7	15.7	17.8	20.5	23.8	27.2
22.5°	9.8	10.5	11.2	12.2	13.2	14.7	16.7	18.9	22.3	25.6	30.0
21.25°	10.1	10.8	11.5	12.6	13.6	15.6	17.7	20.5	24.0	27.7	32.8
20°	10.3	11.0	11.9	13.0	14.3	16.5	18.6	22.1	25.6	30.2	35.4
18.75°	10.5	11.3	12.3	13.4	15.1	17.3	20.0	23.6	27.3	32.7	38.0
17.5°	10.7	11.5	12.6	13.7	15.8	18.1	21.3	25.0	29.5	34.9	41.2
16.25°	10.9	11.8	12.9	14.3	16.6	18.9	22.6	26.3	31.6	37.1	45.0
15°	11.1	12.1	13.2	14.9	17.2	20.0	23.8	27.9	33.5	39.2	48.5
13.75°	11.3	12.4	13.5	15.5	17.8	21.1	24.9	29.6	35.3	42.3	51.7
12.5°	11.5	12.6	13.8	16.1	18.4	22.1	25.9	31.2	37.0	45.2	54.7
11.25°	11.7	12.8	14.2	16.6	19.1	23.0	26.8	32.7	38.5	47.8	57.5
10°	11.9	13.0	14.6	17.0	19.8	23.7	28.1	34.0	40.4	50.2	60.3
8.75°	12.0	13.2	15.0	17.4	20.5	24.5	29.2	35.2	42.5	52.3	63.9
7.5°	12.2	13.4	15.3	17.7	21.1	25.1	30.2	36.2	44.2	54.1	66.9
6.25°	12.3	13.5	15.6	18.0	21.6	25.6	31.0	37.0	45.7	55.7	69.5
5°	12.4	13.6	15.8	18.3	22.0	26.0	31.7	37.7	47.0	57.0	71.7
3.75°	12.5	13.7	16.0	18.5	22.3	26.4	32.2	38.3	47.9	58.0	73.4
2.5°	12.6	13.8	16.1	18.6	22.6	26.6	32.6	38.7	48.6	58.7	74.6
1.25°	12.6	13.8	16.2	18.7	22.7	26.8	32.8	38.9	49.0	59.2	75.3
0°	12.6	13.8	16.3	18.7	22.8	26.8	32.9	39.0	49.2	59.3	75.6
-1.25°	12.6	13.8	16.2	18.7	22.7	26.8	32.8	38.9	49.0	59.2	75.3
-2.5°	12.6	13.8	16.1	18.6	22.6	26.6	32.6	38.7	48.6	58.7	74.6
-3.75°	12.5	13.7	16.0	18.5	22.3	26.4	32.2	38.3	47.9	58.0	73.4
-5°	12.4	13.6	15.8	18.3	22.0	26.0	31.7	37.7	47.0	57.0	71.7
-6.25°	12.3	13.5	15.6	18.0	21.6	25.6	31.0	37.0	45.7	55.7	69.5
-7.5°	12.2	13.4	15.3	17.7	21.1	25.1	30.2	36.2	44.2	54.1	66.9
-8.75°	12.0	13.2	15.0	17.4	20.5	24.5	29.2	35.2	42.5	52.3	63.9
-10°	11.9	13.0	14.6	17.0	19.8	23.7	28.1	34.0	40.4	50.2	60.3
-11.25°	11.7	12.8	14.2	16.6	19.1	23.0	26.8	32.7	38.5	47.8	57.5
-12.5°	11.5	12.6	13.8	16.1	18.4	22.1	25.9	31.2	37.0	45.2	54.7
-13.75°	11.3	12.4	13.5	15.5	17.8	21.1	24.9	29.6	35.3	42.3	51.7
-15°	11.1	12.1	13.2	14.9	17.2	20.0	23.8	27.9	33.5	39.2	48.5
-16.25°	10.9	11.8	12.9	14.3	16.6	18.9	22.6	26.3	31.6	37.1	45.0
-17.5°	10.7	11.5	12.6	13.7	15.8	18.1	21.3	25.0	29.5	34.9	41.2
-18.75°	10.5	11.3	12.3	13.4	15.1	17.3	20.0	23.6	27.3	32.7	38.0
-20°	10.3	11.0	11.9	13.0	14.3	16.5	18.6	22.1	25.6	30.2	35.4
-21.25°	10.1	10.8	11.5	12.6	13.6	15.6	17.7	20.5	24.0	27.7	32.8



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	9.8	10.5	11.2	12.2	13.2	14.7	16.7	18.9	22.3	25.6	30.0
-23.75°	9.8	10.2	10.9	11.7	12.7	13.7	15.7	17.8	20.5	23.8	27.2
-25°	9.8	10.0	10.6	11.3	12.3	13.3	14.7	16.7	18.7	21.9	25.1
-26.25°	9.8	9.8	10.3	11.0	11.8	12.7	13.7	15.6	17.5	19.9	23.0
-27.5°	9.8	9.8	10.0	10.7	11.3	12.2	13.2	14.4	16.3	18.2	20.9
-28.75°	9.8	9.8	9.8	10.3	10.9	11.7	12.6	13.5	15.0	16.9	18.7
-30°	9.7	9.8	9.8	10.0	10.6	11.2	12.0	12.9	13.8	15.6	17.3
-31.25°	9.6	9.8	9.8	9.8	10.2	10.8	11.4	12.3	13.1	14.2	15.9
-32.5°	9.4	9.7	9.8	9.8	9.8	10.4	11.0	11.6	12.5	13.3	14.5
-33.75°	9.2	9.5	9.8	9.8	9.8	10.0	10.6	11.1	11.8	12.6	13.4
-35°	9.0	9.3	9.6	9.8	9.8	9.8	10.1	10.7	11.2	11.9	12.7
-36.25°	8.8	9.1	9.4	9.7	9.8	9.8	9.8	10.2	10.7	11.3	11.9
-37.5°	8.6	8.9	9.2	9.5	9.8	9.8	9.8	9.8	10.3	10.8	11.3
-38.75°	8.4	8.7	8.9	9.2	9.5	9.8	9.8	9.8	9.8	10.3	10.7
-40°	8.2	8.5	8.7	9.0	9.3	9.6	9.8	9.8	9.8	9.8	10.2
-41.25°	8.0	8.3	8.5	8.8	9.0	9.3	9.6	9.8	9.8	9.8	9.8
-42.5°	7.8	8.1	8.3	8.6	8.8	9.1	9.3	9.6	9.8	9.8	9.8
-43.75°	7.6	7.8	8.1	8.3	8.6	8.8	9.0	9.3	9.5	9.8	9.8
-45°	7.4	7.6	7.9	8.1	8.3	8.6	8.8	9.0	9.2	9.5	9.7
-46.25°	7.2	7.4	7.6	7.9	8.1	8.3	8.5	8.7	8.9	9.2	9.4
-47.5°	7.0	7.2	7.4	7.6	7.8	8.1	8.3	8.5	8.7	8.9	9.1
-48.75°	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8
-50°	6.5	6.7	6.9	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.5
-51.25°	6.5	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2
-52.5°	6.5	6.5	6.5	6.7	6.8	7.0	7.2	7.4	7.6	7.7	7.9
-53.75°	6.5	6.5	6.5	6.5	6.6	6.8	6.9	7.1	7.3	7.5	7.6
-55°	6.4	6.5	6.5	6.5	6.5	6.5	6.7	6.8	7.0	7.2	7.3
-56.25°	6.2	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.9	7.0
-57.5°	5.9	6.1	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.6	6.7
-58.75°	5.7	5.9	6.0	6.2	6.3	6.5	6.5	6.5	6.5	6.5	6.5
-60°	5.5	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.5	6.5	6.5
-61.25°	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.4	6.5	6.5
-62.5°	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3
-63.75°	4.9	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.8	5.9	6.0
-65°	4.9	4.9	4.9	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7
-66.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1	5.2	5.3	5.4
-67.5°	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.1
-68.75°	4.5	4.6	4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-70°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.9	4.9	4.9
-71.25°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9
-72.5°	3.8	3.9	3.9	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6
-73.75°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.1	4.2	4.3
-75°	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	4.0
-76.25°	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6
-77.5°	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0
-80°	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6
-81.25°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
-82.5°	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9
-83.75°	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
-85°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3
-86.25°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
83.75°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
81.25°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6
80°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
78.75°	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.4
77.5°	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8
76.25°	3.7	3.7	3.8	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.2
75°	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5
73.75°	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4.8	4.8	4.9
72.5°	4.7	4.7	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
71.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.2
68.75°	4.9	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6
67.5°	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.9	5.9
66.25°	5.5	5.6	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3
65°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.5
63.75°	6.1	6.2	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5
62.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6
61.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.8	6.9	6.9
60°	6.5	6.5	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
58.75°	6.5	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.6	7.7
57.5°	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
56.25°	7.2	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.4
55°	7.5	7.6	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7
53.75°	7.8	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.9	9.0	9.1
52.5°	8.1	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.5
51.25°	8.4	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.8
50°	8.7	8.8	9.0	9.2	9.4	9.5	9.7	9.8	9.8	9.8	9.8
48.75°	9.0	9.2	9.4	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.8
47.5°	9.3	9.5	9.7	9.8	9.8	9.8	9.8	9.8	10.0	10.2	10.5
46.25°	9.6	9.8	9.8	9.8	9.8	9.8	10.0	10.3	10.6	10.9	11.2
45°	9.8	9.8	9.8	9.8	10.0	10.3	10.7	11.0	11.3	11.7	12.2
43.75°	9.8	9.8	9.8	10.2	10.6	10.9	11.3	11.8	12.3	12.7	13.2
42.5°	9.8	10.0	10.4	10.8	11.2	11.7	12.2	12.7	13.3	13.7	14.7
41.25°	10.1	10.6	11.0	11.4	12.0	12.6	13.2	13.7	14.7	15.7	16.7
40°	10.7	11.1	11.6	12.3	12.9	13.5	14.4	15.6	16.7	17.8	18.9
38.75°	11.2	11.8	12.5	13.1	13.8	15.0	16.3	17.5	18.7	20.5	22.3
37.5°	11.9	12.6	13.3	14.2	15.6	16.9	18.2	19.9	21.9	23.8	25.6
36.25°	12.7	13.4	14.5	15.9	17.3	18.7	20.9	23.0	25.1	27.2	30.0
35°	13.5	14.6	16.1	17.6	19.3	21.6	23.9	26.1	28.9	32.0	35.0



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	14.6	16.2	17.8	19.7	22.1	24.5	26.9	30.3	33.6	36.8	40.5
32.5°	16.1	17.8	19.8	22.4	24.9	27.7	31.3	34.8	38.3	43.3	48.6
31.25°	17.6	19.7	22.4	25.0	28.1	31.9	35.7	39.5	45.4	51.1	56.6
30°	19.3	22.1	24.9	28.1	32.1	36.1	40.5	46.8	52.9	58.8	67.6
28.75°	21.6	24.5	27.7	31.9	36.1	40.9	47.5	54.0	60.8	70.6	80.0
27.5°	23.9	26.9	31.3	35.7	40.5	47.5	54.3	62.0	72.4	82.5	92.4
26.25°	26.1	30.3	34.8	39.5	46.8	54.0	62.0	73.0	83.7	95.1	109.8
25°	28.9	33.6	38.3	45.4	52.9	60.8	72.4	83.7	96.0	111.6	126.8
23.75°	32.0	36.8	43.3	51.1	58.8	70.6	82.5	95.1	111.6	127.7	146.5
22.5°	35.0	40.5	48.6	56.6	67.6	80.0	92.4	109.8	126.8	146.5	173.6
21.25°	37.9	45.5	53.8	63.5	76.4	89.2	106.1	124.0	143.3	172.0	200.0
20°	41.7	50.2	58.7	71.7	84.9	100.7	119.3	137.7	167.0	196.6	228.2
18.75°	46.0	54.7	65.8	79.5	93.5	112.9	132.0	158.9	189.9	221.2	261.4
17.5°	50.2	59.0	72.9	86.9	104.7	124.5	147.6	179.9	211.8	251.7	301.1
16.25°	54.0	65.3	79.7	94.8	115.3	135.5	166.8	199.9	237.6	285.9	341.8
15°	57.7	71.4	86.0	104.4	125.2	150.6	184.9	219.2	265.0	321.2	382.9
13.75°	62.2	77.1	91.9	113.3	134.5	166.9	201.9	242.9	296.1	357.1	425.2
12.5°	67.2	82.3	99.8	121.6	146.0	182.0	217.7	266.2	326.3	393.1	464.7
11.25°	71.7	87.1	107.1	129.1	159.3	195.8	237.0	291.6	355.8	427.9	501.4
10°	75.9	91.4	113.6	136.0	171.3	208.4	254.6	314.9	384.1	459.7	537.4
8.75°	79.6	96.8	119.5	144.2	182.0	220.2	273.0	337.9	411.2	488.3	570.0
7.5°	82.8	101.7	124.6	153.1	191.3	233.4	290.2	358.0	435.0	514.4	598.7
6.25°	85.5	105.8	128.9	160.8	199.3	244.6	305.0	375.8	455.5	537.7	623.4
5°	87.8	109.2	132.5	167.1	205.9	253.9	317.7	391.8	472.5	557.0	643.8
3.75°	89.5	111.9	135.3	172.0	211.1	261.4	328.3	404.4	485.7	572.2	660.0
2.5°	90.8	113.8	137.3	175.5	214.8	268.0	335.9	413.4	495.3	583.2	671.6
1.25°	91.5	115.0	138.5	177.6	217.1	271.9	340.5	418.8	501.1	589.7	678.6
0°	91.8	115.4	138.9	178.4	217.8	273.2	342.1	420.7	503.0	592.0	680.9
-1.25°	91.5	115.0	138.5	177.6	217.1	271.9	340.5	418.8	501.1	589.7	678.6
-2.5°	90.8	113.8	137.3	175.5	214.8	268.0	335.9	413.4	495.3	583.2	671.6
-3.75°	89.5	111.9	135.3	172.0	211.1	261.4	328.3	404.4	485.7	572.2	660.0
-5°	87.8	109.2	132.5	167.1	205.9	253.9	317.7	391.8	472.5	557.0	643.8
-6.25°	85.5	105.8	128.9	160.8	199.3	244.6	305.0	375.8	455.5	537.7	623.4
-7.5°	82.8	101.7	124.6	153.1	191.3	233.4	290.2	358.0	435.0	514.4	598.7
-8.75°	79.6	96.8	119.5	144.2	182.0	220.2	273.0	337.9	411.2	488.3	570.0
-10°	75.9	91.4	113.6	136.0	171.3	208.4	254.6	314.9	384.1	459.7	537.4
-11.25°	71.7	87.1	107.1	129.1	159.3	195.8	237.0	291.6	355.8	427.9	501.4
-12.5°	67.2	82.3	99.8	121.6	146.0	182.0	217.7	266.2	326.3	393.1	464.7
-13.75°	62.2	77.1	91.9	113.3	134.5	166.9	201.9	242.9	296.1	357.1	425.2
-15°	57.7	71.4	86.0	104.4	125.2	150.6	184.9	219.2	265.0	321.2	382.9
-16.25°	54.0	65.3	79.7	94.8	115.3	135.5	166.8	199.9	237.6	285.9	341.8
-17.5°	50.2	59.0	72.9	86.9	104.7	124.5	147.6	179.9	211.8	251.7	301.1
-18.75°	46.0	54.7	65.8	79.5	93.5	112.9	132.0	158.9	189.9	221.2	261.4
-20°	41.7	50.2	58.7	71.7	84.9	100.7	119.3	137.7	167.0	196.6	228.2
-21.25°	37.9	45.5	53.8	63.5	76.4	89.2	106.1	124.0	143.3	172.0	200.0



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	35.0	40.5	48.6	56.6	67.6	80.0	92.4	109.8	126.8	146.5	173.6
-23.75°	32.0	36.8	43.3	51.1	58.8	70.6	82.5	95.1	111.6	127.7	146.5
-25°	28.9	33.6	38.3	45.4	52.9	60.8	72.4	83.7	96.0	111.6	126.8
-26.25°	26.1	30.3	34.8	39.5	46.8	54.0	62.0	73.0	83.7	95.1	109.8
-27.5°	23.9	26.9	31.3	35.7	40.5	47.5	54.3	62.0	72.4	82.5	92.4
-28.75°	21.6	24.5	27.7	31.9	36.1	40.9	47.5	54.0	60.8	70.6	80.0
-30°	19.3	22.1	24.9	28.1	32.1	36.1	40.5	46.8	52.9	58.8	67.6
-31.25°	17.6	19.7	22.4	25.0	28.1	31.9	35.7	39.5	45.4	51.1	56.6
-32.5°	16.1	17.8	19.8	22.4	24.9	27.7	31.3	34.8	38.3	43.3	48.6
-33.75°	14.6	16.2	17.8	19.7	22.1	24.5	26.9	30.3	33.6	36.8	40.5
-35°	13.5	14.6	16.1	17.6	19.3	21.6	23.9	26.1	28.9	32.0	35.0
-36.25°	12.7	13.4	14.5	15.9	17.3	18.7	20.9	23.0	25.1	27.2	30.0
-37.5°	11.9	12.6	13.3	14.2	15.6	16.9	18.2	19.9	21.9	23.8	25.6
-38.75°	11.2	11.8	12.5	13.1	13.8	15.0	16.3	17.5	18.7	20.5	22.3
-40°	10.7	11.1	11.6	12.3	12.9	13.5	14.4	15.6	16.7	17.8	18.9
-41.25°	10.1	10.6	11.0	11.4	12.0	12.6	13.2	13.7	14.7	15.7	16.7
-42.5°	9.8	10.0	10.4	10.8	11.2	11.7	12.2	12.7	13.3	13.7	14.7
-43.75°	9.8	9.8	9.8	10.2	10.6	10.9	11.3	11.8	12.3	12.7	13.2
-45°	9.8	9.8	9.8	9.8	10.0	10.3	10.7	11.0	11.3	11.7	12.2
-46.25°	9.6	9.8	9.8	9.8	9.8	9.8	10.0	10.3	10.6	10.9	11.2
-47.5°	9.3	9.5	9.7	9.8	9.8	9.8	9.8	9.8	10.0	10.2	10.5
-48.75°	9.0	9.2	9.4	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.8
-50°	8.7	8.8	9.0	9.2	9.4	9.5	9.7	9.8	9.8	9.8	9.8
-51.25°	8.4	8.5	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.8
-52.5°	8.1	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.5
-53.75°	7.8	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.9	9.0	9.1
-55°	7.5	7.6	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7
-56.25°	7.2	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.4
-57.5°	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
-58.75°	6.5	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.6	7.7
-60°	6.5	6.5	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
-61.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.8	6.9	6.9
-62.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6
-63.75°	6.1	6.2	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-65°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.5
-66.25°	5.5	5.6	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3
-67.5°	5.1	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.9	5.9
-68.75°	4.9	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.6
-70°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.2
-71.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-72.5°	4.7	4.7	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-73.75°	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4.8	4.8	4.9
-75°	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-76.25°	3.7	3.7	3.8	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.2
-77.5°	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.4
-80°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
-81.25°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6
-82.5°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
-83.75°	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
-85°	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-86.25°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
82.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4
81.25°	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
80°	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3
78.75°	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.7
77.5°	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1
76.25°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
75°	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8
73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
71.25°	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
70°	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6
68.75°	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0
67.5°	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4
66.25°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
65°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
63.75°	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8
62.5°	6.7	6.7	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2
61.25°	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5	7.5	7.5	7.6
60°	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.9	7.9	7.9	8.0
58.75°	7.8	7.8	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4
57.5°	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8
56.25°	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.0	9.1	9.1	9.2
55°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.6
53.75°	9.2	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.8	9.8
52.5°	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
51.25°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9	10.0	10.2	10.3
50°	9.8	9.8	9.8	10.0	10.2	10.4	10.5	10.7	10.8	10.9	11.0
48.75°	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.0
47.5°	10.8	11.0	11.3	11.5	11.8	12.1	12.4	12.6	12.8	13.0	13.2
46.25°	11.5	11.9	12.3	12.6	12.9	13.2	13.5	13.8	14.2	14.6	15.0
45°	12.6	13.0	13.4	13.7	14.3	14.9	15.5	16.1	16.6	17.0	17.4
43.75°	13.6	14.3	15.1	15.8	16.6	17.2	17.8	18.4	19.1	19.8	20.5
42.5°	15.6	16.5	17.3	18.1	18.9	20.0	21.1	22.1	23.0	23.7	24.5
41.25°	17.7	18.6	20.0	21.3	22.6	23.8	24.9	25.9	26.8	28.1	29.2
40°	20.5	22.1	23.6	25.0	26.3	27.9	29.6	31.2	32.7	34.0	35.2
38.75°	24.0	25.6	27.3	29.5	31.6	33.5	35.3	37.0	38.5	40.4	42.5
37.5°	27.7	30.2	32.7	34.9	37.1	39.2	42.3	45.2	47.8	50.2	52.3
36.25°	32.8	35.4	38.0	41.2	45.0	48.5	51.7	54.7	57.5	60.3	63.9
35°	37.9	41.7	46.0	50.2	54.0	57.7	62.2	67.2	71.7	75.9	79.6



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	45.5	50.2	54.7	59.0	65.3	71.4	77.1	82.3	87.1	91.4	96.8
32.5°	53.8	58.7	65.8	72.9	79.7	86.0	91.9	99.8	107.1	113.6	119.5
31.25°	63.5	71.7	79.5	86.9	94.8	104.4	113.3	121.6	129.1	136.0	144.2
30°	76.4	84.9	93.5	104.7	115.3	125.2	134.5	146.0	159.3	171.3	182.0
28.75°	89.2	100.7	112.9	124.5	135.5	150.6	166.9	182.0	195.8	208.4	220.2
27.5°	106.1	119.3	132.0	147.6	166.8	184.9	201.9	217.7	237.0	254.6	273.0
26.25°	124.0	137.7	158.9	179.9	199.9	219.2	242.9	266.2	291.6	314.9	337.9
25°	143.3	167.0	189.9	211.8	237.6	265.0	296.1	326.3	355.8	384.1	411.2
23.75°	172.0	196.6	221.2	251.7	285.9	321.2	357.1	393.1	427.9	459.7	488.3
22.5°	200.0	228.2	261.4	301.1	341.8	382.9	425.2	464.7	501.4	537.4	570.0
21.25°	230.5	267.4	310.2	355.6	402.8	449.7	494.0	538.1	579.7	617.8	652.2
20°	267.4	313.3	362.6	414.9	466.3	516.2	566.3	613.4	657.2	699.2	739.7
18.75°	310.2	362.6	419.0	474.6	530.1	585.4	637.9	688.1	739.5	786.8	829.7
17.5°	355.6	414.9	474.6	534.8	595.0	652.8	710.9	768.8	823.0	873.0	922.3
16.25°	402.8	466.3	530.1	595.0	657.8	722.4	786.7	847.6	907.2	965.3	1018.2
15°	449.7	516.2	585.4	652.8	722.4	792.7	860.1	928.4	994.6	1056.2	1113.2
13.75°	494.0	566.3	637.9	710.9	786.7	860.1	935.6	1009.5	1079.6	1145.5	1204.6
12.5°	538.1	613.4	688.1	768.8	847.6	928.4	1009.5	1087.5	1161.5	1229.5	1289.7
11.25°	579.7	657.2	739.5	823.0	907.2	994.6	1079.6	1161.5	1237.6	1306.7	1364.0
10°	617.8	699.2	786.8	873.0	965.3	1056.2	1145.5	1229.5	1306.7	1372.0	1427.9
8.75°	652.2	739.7	829.7	922.3	1018.2	1113.2	1204.6	1289.7	1364.0	1427.9	1481.7
7.5°	682.7	775.6	867.8	966.7	1065.7	1163.7	1256.4	1340.2	1412.6	1474.5	1527.3
6.25°	711.9	806.6	902.8	1005.2	1107.4	1207.1	1301.0	1382.7	1453.2	1513.3	1566.1
5°	736.1	832.3	932.9	1037.5	1142.3	1242.9	1335.3	1415.6	1484.6	1544.8	1598.2
3.75°	755.2	852.7	956.7	1063.1	1169.3	1270.7	1362.2	1442.0	1509.4	1569.2	1622.4
2.5°	769.0	867.4	973.9	1081.8	1188.9	1291.0	1381.6	1459.3	1526.5	1586.9	1640.4
1.25°	777.3	876.2	984.3	1093.1	1200.8	1303.3	1392.3	1469.7	1537.0	1597.8	1651.0
0°	780.1	879.2	987.8	1096.9	1204.8	1307.4	1396.0	1473.2	1540.6	1601.5	1654.6
-1.25°	777.3	876.2	984.3	1093.1	1200.8	1303.3	1392.3	1469.7	1537.0	1597.8	1651.0
-2.5°	769.0	867.4	973.9	1081.8	1188.9	1291.0	1381.6	1459.3	1526.5	1586.9	1640.4
-3.75°	755.2	852.7	956.7	1063.1	1169.3	1270.7	1362.2	1442.0	1509.4	1569.2	1622.4
-5°	736.1	832.3	932.9	1037.5	1142.3	1242.9	1335.3	1415.6	1484.6	1544.8	1598.2
-6.25°	711.9	806.6	902.8	1005.2	1107.4	1207.1	1301.0	1382.7	1453.2	1513.3	1566.1
-7.5°	682.7	775.6	867.8	966.7	1065.7	1163.7	1256.4	1340.2	1412.6	1474.5	1527.3
-8.75°	652.2	739.7	829.7	922.3	1018.2	1113.2	1204.6	1289.7	1364.0	1427.9	1481.7
-10°	617.8	699.2	786.8	873.0	965.3	1056.2	1145.5	1229.5	1306.7	1372.0	1427.9
-11.25°	579.7	657.2	739.5	823.0	907.2	994.6	1079.6	1161.5	1237.6	1306.7	1364.0
-12.5°	538.1	613.4	688.1	768.8	847.6	928.4	1009.5	1087.5	1161.5	1229.5	1289.7
-13.75°	494.0	566.3	637.9	710.9	786.7	860.1	935.6	1009.5	1079.6	1145.5	1204.6
-15°	449.7	516.2	585.4	652.8	722.4	792.7	860.1	928.4	994.6	1056.2	1113.2
-16.25°	402.8	466.3	530.1	595.0	657.8	722.4	786.7	847.6	907.2	965.3	1018.2
-17.5°	355.6	414.9	474.6	534.8	595.0	652.8	710.9	768.8	823.0	873.0	922.3
-18.75°	310.2	362.6	419.0	474.6	530.1	585.4	637.9	688.1	739.5	786.8	829.7
-20°	267.4	313.3	362.6	414.9	466.3	516.2	566.3	613.4	657.2	699.2	739.7
-21.25°	230.5	267.4	310.2	355.6	402.8	449.7	494.0	538.1	579.7	617.8	652.2



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	200.0	228.2	261.4	301.1	341.8	382.9	425.2	464.7	501.4	537.4	570.0
-23.75°	172.0	196.6	221.2	251.7	285.9	321.2	357.1	393.1	427.9	459.7	488.3
-25°	143.3	167.0	189.9	211.8	237.6	265.0	296.1	326.3	355.8	384.1	411.2
-26.25°	124.0	137.7	158.9	179.9	199.9	219.2	242.9	266.2	291.6	314.9	337.9
-27.5°	106.1	119.3	132.0	147.6	166.8	184.9	201.9	217.7	237.0	254.6	273.0
-28.75°	89.2	100.7	112.9	124.5	135.5	150.6	166.9	182.0	195.8	208.4	220.2
-30°	76.4	84.9	93.5	104.7	115.3	125.2	134.5	146.0	159.3	171.3	182.0
-31.25°	63.5	71.7	79.5	86.9	94.8	104.4	113.3	121.6	129.1	136.0	144.2
-32.5°	53.8	58.7	65.8	72.9	79.7	86.0	91.9	99.8	107.1	113.6	119.5
-33.75°	45.5	50.2	54.7	59.0	65.3	71.4	77.1	82.3	87.1	91.4	96.8
-35°	37.9	41.7	46.0	50.2	54.0	57.7	62.2	67.2	71.7	75.9	79.6
-36.25°	32.8	35.4	38.0	41.2	45.0	48.5	51.7	54.7	57.5	60.3	63.9
-37.5°	27.7	30.2	32.7	34.9	37.1	39.2	42.3	45.2	47.8	50.2	52.3
-38.75°	24.0	25.6	27.3	29.5	31.6	33.5	35.3	37.0	38.5	40.4	42.5
-40°	20.5	22.1	23.6	25.0	26.3	27.9	29.6	31.2	32.7	34.0	35.2
-41.25°	17.7	18.6	20.0	21.3	22.6	23.8	24.9	25.9	26.8	28.1	29.2
-42.5°	15.6	16.5	17.3	18.1	18.9	20.0	21.1	22.1	23.0	23.7	24.5
-43.75°	13.6	14.3	15.1	15.8	16.6	17.2	17.8	18.4	19.1	19.8	20.5
-45°	12.6	13.0	13.4	13.7	14.3	14.9	15.5	16.1	16.6	17.0	17.4
-46.25°	11.5	11.9	12.3	12.6	12.9	13.2	13.5	13.8	14.2	14.6	15.0
-47.5°	10.8	11.0	11.3	11.5	11.8	12.1	12.4	12.6	12.8	13.0	13.2
-48.75°	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.0
-50°	9.8	9.8	9.8	10.0	10.2	10.4	10.5	10.7	10.8	10.9	11.0
-51.25°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9	10.0	10.2	10.3
-52.5°	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-53.75°	9.2	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.8	9.8
-55°	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.6
-56.25°	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.0	9.1	9.1	9.2
-57.5°	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.8
-58.75°	7.8	7.8	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4
-60°	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.9	7.9	7.9	8.0
-61.25°	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5	7.5	7.5	7.6
-62.5°	6.7	6.7	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2
-63.75°	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8
-65°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-66.25°	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-67.5°	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4
-68.75°	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0
-70°	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6
-71.25°	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
-72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-75°	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8
-76.25°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
-77.5°	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.7
-80°	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.3
-81.25°	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
-82.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4
-83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
-86.25°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
83.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
81.25°	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
78.75°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
77.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
71.25°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
70°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
68.75°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
66.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
65°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
63.75°	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
62.5°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
61.25°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
60°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
58.75°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
57.5°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
56.25°	9.2	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
55°	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7
53.75°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
52.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
51.25°	10.3	10.4	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5
50°	11.1	11.2	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3
48.75°	12.2	12.3	12.4	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4
47.5°	13.4	13.5	13.6	13.7	13.8	13.8	13.8	13.8	13.8	13.7	13.6
46.25°	15.3	15.6	15.8	16.0	16.1	16.2	16.3	16.2	16.1	16.0	15.8
45°	17.7	18.0	18.3	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.3
43.75°	21.1	21.6	22.0	22.3	22.6	22.7	22.8	22.7	22.6	22.3	22.0
42.5°	25.1	25.6	26.0	26.4	26.6	26.8	26.8	26.8	26.6	26.4	26.0
41.25°	30.2	31.0	31.7	32.2	32.6	32.8	32.9	32.8	32.6	32.2	31.7
40°	36.2	37.0	37.7	38.3	38.7	38.9	39.0	38.9	38.7	38.3	37.7
38.75°	44.2	45.7	47.0	47.9	48.6	49.0	49.2	49.0	48.6	47.9	47.0
37.5°	54.1	55.7	57.0	58.0	58.7	59.2	59.3	59.2	58.7	58.0	57.0
36.25°	66.9	69.5	71.7	73.4	74.6	75.3	75.6	75.3	74.6	73.4	71.7
35°	82.8	85.5	87.8	89.5	90.8	91.5	91.8	91.5	90.8	89.5	87.8



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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°	101.7	105.8	109.2	111.9	113.8	115.0	115.4	115.0	113.8	111.9	109.2
32.5°	124.6	128.9	132.5	135.3	137.3	138.5	138.9	138.5	137.3	135.3	132.5
31.25°	153.1	160.8	167.1	172.0	175.5	177.6	178.4	177.6	175.5	172.0	167.1
30°	191.3	199.3	205.9	211.1	214.8	217.1	217.8	217.1	214.8	211.1	205.9
28.75°	233.4	244.6	253.9	261.4	268.0	271.9	273.2	271.9	268.0	261.4	253.9
27.5°	290.2	305.0	317.7	328.3	335.9	340.5	342.1	340.5	335.9	328.3	317.7
26.25°	358.0	375.8	391.8	404.4	413.4	418.8	420.7	418.8	413.4	404.4	391.8
25°	435.0	455.5	472.5	485.7	495.3	501.1	503.0	501.1	495.3	485.7	472.5
23.75°	514.4	537.7	557.0	572.2	583.2	589.7	592.0	589.7	583.2	572.2	557.0
22.5°	598.7	623.4	643.8	660.0	671.6	678.6	680.9	678.6	671.6	660.0	643.8
21.25°	682.7	711.9	736.1	755.2	769.0	777.3	780.1	777.3	769.0	755.2	736.1
20°	775.6	806.6	832.3	852.7	867.4	876.2	879.2	876.2	867.4	852.7	832.3
18.75°	867.8	902.8	932.9	956.7	973.9	984.3	987.8	984.3	973.9	956.7	932.9
17.5°	966.7	1005.2	1037.5	1063.1	1081.8	1093.1	1096.9	1093.1	1081.8	1063.1	1037.5
16.25°	1065.7	1107.4	1142.3	1169.3	1188.9	1200.8	1204.8	1200.8	1188.9	1169.3	1142.3
15°	1163.7	1207.1	1242.9	1270.7	1291.0	1303.3	1307.4	1303.3	1291.0	1270.7	1242.9
13.75°	1256.4	1301.0	1335.3	1362.2	1381.6	1392.3	1396.0	1392.3	1381.6	1362.2	1335.3
12.5°	1340.2	1382.7	1415.6	1442.0	1459.3	1469.7	1473.2	1469.7	1459.3	1442.0	1415.6
11.25°	1412.6	1453.2	1484.6	1509.4	1526.5	1537.0	1540.6	1537.0	1526.5	1509.4	1484.6
10°	1474.5	1513.3	1544.8	1569.2	1586.9	1597.8	1601.5	1597.8	1586.9	1569.2	1544.8
8.75°	1527.3	1566.1	1598.2	1622.4	1640.4	1651.0	1654.6	1651.0	1640.4	1622.4	1598.2
7.5°	1573.2	1612.2	1644.3	1669.3	1687.5	1697.0	1700.3	1697.0	1687.5	1669.3	1644.3
6.25°	1612.2	1651.4	1684.5	1707.1	1721.6	1728.8	1731.3	1728.8	1721.6	1707.1	1684.5
5°	1644.3	1684.5	1714.0	1731.4	1740.4	1744.6	1746.1	1744.6	1740.4	1731.4	1714.0
3.75°	1669.3	1707.1	1731.4	1743.2	1746.5	1746.7	1745.7	1746.7	1746.5	1743.2	1731.4
2.5°	1687.5	1721.6	1740.4	1746.5	1744.7	1741.3	1740.1	1741.3	1744.7	1746.5	1740.4
1.25°	1697.0	1728.8	1744.6	1746.7	1741.3	1738.4	1739.2	1738.4	1741.3	1746.7	1744.6
0°	1700.3	1731.3	1746.1	1745.7	1740.1	1739.2	1743.7	1739.2	1740.1	1745.7	1746.1
-1.25°	1697.0	1728.8	1744.6	1746.7	1741.3	1738.4	1739.2	1738.4	1741.3	1746.7	1744.6
-2.5°	1687.5	1721.6	1740.4	1746.5	1744.7	1741.3	1740.1	1741.3	1744.7	1746.5	1740.4
-3.75°	1669.3	1707.1	1731.4	1743.2	1746.5	1746.7	1745.7	1746.7	1746.5	1743.2	1731.4
-5°	1644.3	1684.5	1714.0	1731.4	1740.4	1744.6	1746.1	1744.6	1740.4	1731.4	1714.0
-6.25°	1612.2	1651.4	1684.5	1707.1	1721.6	1728.8	1731.3	1728.8	1721.6	1707.1	1684.5
-7.5°	1573.2	1612.2	1644.3	1669.3	1687.5	1697.0	1700.3	1697.0	1687.5	1669.3	1644.3
-8.75°	1527.3	1566.1	1598.2	1622.4	1640.4	1651.0	1654.6	1651.0	1640.4	1622.4	1598.2
-10°	1474.5	1513.3	1544.8	1569.2	1586.9	1597.8	1601.5	1597.8	1586.9	1569.2	1544.8
-11.25°	1412.6	1453.2	1484.6	1509.4	1526.5	1537.0	1540.6	1537.0	1526.5	1509.4	1484.6
-12.5°	1340.2	1382.7	1415.6	1442.0	1459.3	1469.7	1473.2	1469.7	1459.3	1442.0	1415.6
-13.75°	1256.4	1301.0	1335.3	1362.2	1381.6	1392.3	1396.0	1392.3	1381.6	1362.2	1335.3
-15°	1163.7	1207.1	1242.9	1270.7	1291.0	1303.3	1307.4	1303.3	1291.0	1270.7	1242.9
-16.25°	1065.7	1107.4	1142.3	1169.3	1188.9	1200.8	1204.8	1200.8	1188.9	1169.3	1142.3
-17.5°	966.7	1005.2	1037.5	1063.1	1081.8	1093.1	1096.9	1093.1	1081.8	1063.1	1037.5
-18.75°	867.8	902.8	932.9	956.7	973.9	984.3	987.8	984.3	973.9	956.7	932.9
-20°	775.6	806.6	832.3	852.7	867.4	876.2	879.2	876.2	867.4	852.7	832.3
-21.25°	682.7	711.9	736.1	755.2	769.0	777.3	780.1	777.3	769.0	755.2	736.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	598.7	623.4	643.8	660.0	671.6	678.6	680.9	678.6	671.6	660.0	643.8
-23.75°	514.4	537.7	557.0	572.2	583.2	589.7	592.0	589.7	583.2	572.2	557.0
-25°	435.0	455.5	472.5	485.7	495.3	501.1	503.0	501.1	495.3	485.7	472.5
-26.25°	358.0	375.8	391.8	404.4	413.4	418.8	420.7	418.8	413.4	404.4	391.8
-27.5°	290.2	305.0	317.7	328.3	335.9	340.5	342.1	340.5	335.9	328.3	317.7
-28.75°	233.4	244.6	253.9	261.4	268.0	271.9	273.2	271.9	268.0	261.4	253.9
-30°	191.3	199.3	205.9	211.1	214.8	217.1	217.8	217.1	214.8	211.1	205.9
-31.25°	153.1	160.8	167.1	172.0	175.5	177.6	178.4	177.6	175.5	172.0	167.1
-32.5°	124.6	128.9	132.5	135.3	137.3	138.5	138.9	138.5	137.3	135.3	132.5
-33.75°	101.7	105.8	109.2	111.9	113.8	115.0	115.4	115.0	113.8	111.9	109.2
-35°	82.8	85.5	87.8	89.5	90.8	91.5	91.8	91.5	90.8	89.5	87.8
-36.25°	66.9	69.5	71.7	73.4	74.6	75.3	75.6	75.3	74.6	73.4	71.7
-37.5°	54.1	55.7	57.0	58.0	58.7	59.2	59.3	59.2	58.7	58.0	57.0
-38.75°	44.2	45.7	47.0	47.9	48.6	49.0	49.2	49.0	48.6	47.9	47.0
-40°	36.2	37.0	37.7	38.3	38.7	38.9	39.0	38.9	38.7	38.3	37.7
-41.25°	30.2	31.0	31.7	32.2	32.6	32.8	32.9	32.8	32.6	32.2	31.7
-42.5°	25.1	25.6	26.0	26.4	26.6	26.8	26.8	26.8	26.6	26.4	26.0
-43.75°	21.1	21.6	22.0	22.3	22.6	22.7	22.8	22.7	22.6	22.3	22.0
-45°	17.7	18.0	18.3	18.5	18.6	18.7	18.7	18.7	18.6	18.5	18.3
-46.25°	15.3	15.6	15.8	16.0	16.1	16.2	16.3	16.2	16.1	16.0	15.8
-47.5°	13.4	13.5	13.6	13.7	13.8	13.8	13.8	13.8	13.8	13.7	13.6
-48.75°	12.2	12.3	12.4	12.5	12.6	12.6	12.6	12.6	12.6	12.5	12.4
-50°	11.1	11.2	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.3	11.3
-51.25°	10.3	10.4	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5
-52.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-53.75°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-55°	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7
-56.25°	9.2	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
-57.5°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-58.75°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-60°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
-61.25°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
-62.5°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
-63.75°	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
-65°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-66.25°	6.5	6.5	6.5	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	6.5	6.5
-68.75°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-70°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-71.25°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-76.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-77.5°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-81.25°	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8
-82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-83.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-86.25°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
83.75°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
82.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
81.25°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
80°	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
78.75°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5
77.5°	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
76.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
75°	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6
73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
71.25°	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
70°	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3
68.75°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7
67.5°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1
66.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
65°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
63.75°	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5
62.5°	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8
61.25°	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2
60°	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.7	7.7	7.6	7.5
58.75°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	7.9
57.5°	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4	8.4	8.3
56.25°	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.8	8.7	8.7
55°	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3	9.2	9.1	9.0
53.75°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5
52.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
51.25°	10.4	10.3	10.3	10.2	10.0	9.9	9.8	9.8	9.8	9.8	9.8
50°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.0	9.8
48.75°	12.3	12.2	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5
47.5°	13.5	13.4	13.2	13.0	12.8	12.6	12.4	12.1	11.8	11.5	11.3
46.25°	15.6	15.3	15.0	14.6	14.2	13.8	13.5	13.2	12.9	12.6	12.3
45°	18.0	17.7	17.4	17.0	16.6	16.1	15.5	14.9	14.3	13.7	13.4
43.75°	21.6	21.1	20.5	19.8	19.1	18.4	17.8	17.2	16.6	15.8	15.1
42.5°	25.6	25.1	24.5	23.7	23.0	22.1	21.1	20.0	18.9	18.1	17.3
41.25°	31.0	30.2	29.2	28.1	26.8	25.9	24.9	23.8	22.6	21.3	20.0
40°	37.0	36.2	35.2	34.0	32.7	31.2	29.6	27.9	26.3	25.0	23.6
38.75°	45.7	44.2	42.5	40.4	38.5	37.0	35.3	33.5	31.6	29.5	27.3
37.5°	55.7	54.1	52.3	50.2	47.8	45.2	42.3	39.2	37.1	34.9	32.7
36.25°	69.5	66.9	63.9	60.3	57.5	54.7	51.7	48.5	45.0	41.2	38.0
35°	85.5	82.8	79.6	75.9	71.7	67.2	62.2	57.7	54.0	50.2	46.0



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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°
33.75°	105.8	101.7	96.8	91.4	87.1	82.3	77.1	71.4	65.3	59.0	54.7
32.5°	128.9	124.6	119.5	113.6	107.1	99.8	91.9	86.0	79.7	72.9	65.8
31.25°	160.8	153.1	144.2	136.0	129.1	121.6	113.3	104.4	94.8	86.9	79.5
30°	199.3	191.3	182.0	171.3	159.3	146.0	134.5	125.2	115.3	104.7	93.5
28.75°	244.6	233.4	220.2	208.4	195.8	182.0	166.9	150.6	135.5	124.5	112.9
27.5°	305.0	290.2	273.0	254.6	237.0	217.7	201.9	184.9	166.8	147.6	132.0
26.25°	375.8	358.0	337.9	314.9	291.6	266.2	242.9	219.2	199.9	179.9	158.9
25°	455.5	435.0	411.2	384.1	355.8	326.3	296.1	265.0	237.6	211.8	189.9
23.75°	537.7	514.4	488.3	459.7	427.9	393.1	357.1	321.2	285.9	251.7	221.2
22.5°	623.4	598.7	570.0	537.4	501.4	464.7	425.2	382.9	341.8	301.1	261.4
21.25°	711.9	682.7	652.2	617.8	579.7	538.1	494.0	449.7	402.8	355.6	310.2
20°	806.6	775.6	739.7	699.2	657.2	613.4	566.3	516.2	466.3	414.9	362.6
18.75°	902.8	867.8	829.7	786.8	739.5	688.1	637.9	585.4	530.1	474.6	419.0
17.5°	1005.2	966.7	922.3	873.0	823.0	768.8	710.9	652.8	595.0	534.8	474.6
16.25°	1107.4	1065.7	1018.2	965.3	907.2	847.6	786.7	722.4	657.8	595.0	530.1
15°	1207.1	1163.7	1113.2	1056.2	994.6	928.4	860.1	792.7	722.4	652.8	585.4
13.75°	1301.0	1256.4	1204.6	1145.5	1079.6	1009.5	935.6	860.1	786.7	710.9	637.9
12.5°	1382.7	1340.2	1289.7	1229.5	1161.5	1087.5	1009.5	928.4	847.6	768.8	688.1
11.25°	1453.2	1412.6	1364.0	1306.7	1237.6	1161.5	1079.6	994.6	907.2	823.0	739.5
10°	1513.3	1474.5	1427.9	1372.0	1306.7	1229.5	1145.5	1056.2	965.3	873.0	786.8
8.75°	1566.1	1527.3	1481.7	1427.9	1364.0	1289.7	1204.6	1113.2	1018.2	922.3	829.7
7.5°	1612.2	1573.2	1527.3	1474.5	1412.6	1340.2	1256.4	1163.7	1065.7	966.7	867.8
6.25°	1651.4	1612.2	1566.1	1513.3	1453.2	1382.7	1301.0	1207.1	1107.4	1005.2	902.8
5°	1684.5	1644.3	1598.2	1544.8	1484.6	1415.6	1335.3	1242.9	1142.3	1037.5	932.9
3.75°	1707.1	1669.3	1622.4	1569.2	1509.4	1442.0	1362.2	1270.7	1169.3	1063.1	956.7
2.5°	1721.6	1687.5	1640.4	1586.9	1526.5	1459.3	1381.6	1291.0	1188.9	1081.8	973.9
1.25°	1728.8	1697.0	1651.0	1597.8	1537.0	1469.7	1392.3	1303.3	1200.8	1093.1	984.3
0°	1731.3	1700.3	1654.6	1601.5	1540.6	1473.2	1396.0	1307.4	1204.8	1096.9	987.8
-1.25°	1728.8	1697.0	1651.0	1597.8	1537.0	1469.7	1392.3	1303.3	1200.8	1093.1	984.3
-2.5°	1721.6	1687.5	1640.4	1586.9	1526.5	1459.3	1381.6	1291.0	1188.9	1081.8	973.9
-3.75°	1707.1	1669.3	1622.4	1569.2	1509.4	1442.0	1362.2	1270.7	1169.3	1063.1	956.7
-5°	1684.5	1644.3	1598.2	1544.8	1484.6	1415.6	1335.3	1242.9	1142.3	1037.5	932.9
-6.25°	1651.4	1612.2	1566.1	1513.3	1453.2	1382.7	1301.0	1207.1	1107.4	1005.2	902.8
-7.5°	1612.2	1573.2	1527.3	1474.5	1412.6	1340.2	1256.4	1163.7	1065.7	966.7	867.8
-8.75°	1566.1	1527.3	1481.7	1427.9	1364.0	1289.7	1204.6	1113.2	1018.2	922.3	829.7
-10°	1513.3	1474.5	1427.9	1372.0	1306.7	1229.5	1145.5	1056.2	965.3	873.0	786.8
-11.25°	1453.2	1412.6	1364.0	1306.7	1237.6	1161.5	1079.6	994.6	907.2	823.0	739.5
-12.5°	1382.7	1340.2	1289.7	1229.5	1161.5	1087.5	1009.5	928.4	847.6	768.8	688.1
-13.75°	1301.0	1256.4	1204.6	1145.5	1079.6	1009.5	935.6	860.1	786.7	710.9	637.9
-15°	1207.1	1163.7	1113.2	1056.2	994.6	928.4	860.1	792.7	722.4	652.8	585.4
-16.25°	1107.4	1065.7	1018.2	965.3	907.2	847.6	786.7	722.4	657.8	595.0	530.1
-17.5°	1005.2	966.7	922.3	873.0	823.0	768.8	710.9	652.8	595.0	534.8	474.6
-18.75°	902.8	867.8	829.7	786.8	739.5	688.1	637.9	585.4	530.1	474.6	419.0
-20°	806.6	775.6	739.7	699.2	657.2	613.4	566.3	516.2	466.3	414.9	362.6
-21.25°	711.9	682.7	652.2	617.8	579.7	538.1	494.0	449.7	402.8	355.6	310.2



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	623.4	598.7	570.0	537.4	501.4	464.7	425.2	382.9	341.8	301.1	261.4
-23.75°	537.7	514.4	488.3	459.7	427.9	393.1	357.1	321.2	285.9	251.7	221.2
-25°	455.5	435.0	411.2	384.1	355.8	326.3	296.1	265.0	237.6	211.8	189.9
-26.25°	375.8	358.0	337.9	314.9	291.6	266.2	242.9	219.2	199.9	179.9	158.9
-27.5°	305.0	290.2	273.0	254.6	237.0	217.7	201.9	184.9	166.8	147.6	132.0
-28.75°	244.6	233.4	220.2	208.4	195.8	182.0	166.9	150.6	135.5	124.5	112.9
-30°	199.3	191.3	182.0	171.3	159.3	146.0	134.5	125.2	115.3	104.7	93.5
-31.25°	160.8	153.1	144.2	136.0	129.1	121.6	113.3	104.4	94.8	86.9	79.5
-32.5°	128.9	124.6	119.5	113.6	107.1	99.8	91.9	86.0	79.7	72.9	65.8
-33.75°	105.8	101.7	96.8	91.4	87.1	82.3	77.1	71.4	65.3	59.0	54.7
-35°	85.5	82.8	79.6	75.9	71.7	67.2	62.2	57.7	54.0	50.2	46.0
-36.25°	69.5	66.9	63.9	60.3	57.5	54.7	51.7	48.5	45.0	41.2	38.0
-37.5°	55.7	54.1	52.3	50.2	47.8	45.2	42.3	39.2	37.1	34.9	32.7
-38.75°	45.7	44.2	42.5	40.4	38.5	37.0	35.3	33.5	31.6	29.5	27.3
-40°	37.0	36.2	35.2	34.0	32.7	31.2	29.6	27.9	26.3	25.0	23.6
-41.25°	31.0	30.2	29.2	28.1	26.8	25.9	24.9	23.8	22.6	21.3	20.0
-42.5°	25.6	25.1	24.5	23.7	23.0	22.1	21.1	20.0	18.9	18.1	17.3
-43.75°	21.6	21.1	20.5	19.8	19.1	18.4	17.8	17.2	16.6	15.8	15.1
-45°	18.0	17.7	17.4	17.0	16.6	16.1	15.5	14.9	14.3	13.7	13.4
-46.25°	15.6	15.3	15.0	14.6	14.2	13.8	13.5	13.2	12.9	12.6	12.3
-47.5°	13.5	13.4	13.2	13.0	12.8	12.6	12.4	12.1	11.8	11.5	11.3
-48.75°	12.3	12.2	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5
-50°	11.2	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.2	10.0	9.8
-51.25°	10.4	10.3	10.3	10.2	10.0	9.9	9.8	9.8	9.8	9.8	9.8
-52.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-53.75°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.7	9.6	9.5
-55°	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.3	9.2	9.1	9.0
-56.25°	9.3	9.2	9.2	9.1	9.1	9.0	9.0	8.9	8.8	8.7	8.7
-57.5°	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4	8.4	8.3
-58.75°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0	7.9
-60°	8.0	8.0	8.0	7.9	7.9	7.9	7.8	7.7	7.7	7.6	7.5
-61.25°	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.2	7.2
-62.5°	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8
-63.75°	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5
-65°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-66.25°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-67.5°	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1
-68.75°	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.7
-70°	5.7	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4	5.3
-71.25°	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
-72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-73.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-75°	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6
-76.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
-77.5°	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9



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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°	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5
-80°	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
-81.25°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
-82.5°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3
-83.75°	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
-85°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
-86.25°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
85°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3
83.75°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
82.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0
81.25°	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4
80°	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7
78.75°	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1
77.5°	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5
76.25°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8
75°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1
73.75°	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.6	4.5	4.5
72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8
71.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
70°	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.9
68.75°	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0
67.5°	6.0	6.0	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3
66.25°	6.4	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7	5.7
65°	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.0
63.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3
62.5°	6.7	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
61.25°	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.5	6.5	6.5	6.5
60°	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5
58.75°	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.0	6.9	6.8
57.5°	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.1
56.25°	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.4
55°	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.8
53.75°	9.4	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1
52.5°	9.8	9.6	9.5	9.4	9.3	9.1	9.0	8.8	8.7	8.5	8.4
51.25°	9.8	9.8	9.8	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.7
50°	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.5	9.4	9.2	9.0
48.75°	10.3	10.1	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.6	9.4
47.5°	11.0	10.8	10.5	10.2	10.0	9.8	9.8	9.8	9.8	9.8	9.7
46.25°	11.9	11.5	11.2	10.9	10.6	10.3	10.0	9.8	9.8	9.8	9.8
45°	13.0	12.6	12.2	11.7	11.3	11.0	10.7	10.3	10.0	9.8	9.8
43.75°	14.3	13.6	13.2	12.7	12.3	11.8	11.3	10.9	10.6	10.2	9.8
42.5°	16.5	15.6	14.7	13.7	13.3	12.7	12.2	11.7	11.2	10.8	10.4
41.25°	18.6	17.7	16.7	15.7	14.7	13.7	13.2	12.6	12.0	11.4	11.0
40°	22.1	20.5	18.9	17.8	16.7	15.6	14.4	13.5	12.9	12.3	11.6
38.75°	25.6	24.0	22.3	20.5	18.7	17.5	16.3	15.0	13.8	13.1	12.5
37.5°	30.2	27.7	25.6	23.8	21.9	19.9	18.2	16.9	15.6	14.2	13.3
36.25°	35.4	32.8	30.0	27.2	25.1	23.0	20.9	18.7	17.3	15.9	14.5
35°	41.7	37.9	35.0	32.0	28.9	26.1	23.9	21.6	19.3	17.6	16.1



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	50.2	45.5	40.5	36.8	33.6	30.3	26.9	24.5	22.1	19.7	17.8
32.5°	58.7	53.8	48.6	43.3	38.3	34.8	31.3	27.7	24.9	22.4	19.8
31.25°	71.7	63.5	56.6	51.1	45.4	39.5	35.7	31.9	28.1	25.0	22.4
30°	84.9	76.4	67.6	58.8	52.9	46.8	40.5	36.1	32.1	28.1	24.9
28.75°	100.7	89.2	80.0	70.6	60.8	54.0	47.5	40.9	36.1	31.9	27.7
27.5°	119.3	106.1	92.4	82.5	72.4	62.0	54.3	47.5	40.5	35.7	31.3
26.25°	137.7	124.0	109.8	95.1	83.7	73.0	62.0	54.0	46.8	39.5	34.8
25°	167.0	143.3	126.8	111.6	96.0	83.7	72.4	60.8	52.9	45.4	38.3
23.75°	196.6	172.0	146.5	127.7	111.6	95.1	82.5	70.6	58.8	51.1	43.3
22.5°	228.2	200.0	173.6	146.5	126.8	109.8	92.4	80.0	67.6	56.6	48.6
21.25°	267.4	230.5	200.0	172.0	143.3	124.0	106.1	89.2	76.4	63.5	53.8
20°	313.3	267.4	228.2	196.6	167.0	137.7	119.3	100.7	84.9	71.7	58.7
18.75°	362.6	310.2	261.4	221.2	189.9	158.9	132.0	112.9	93.5	79.5	65.8
17.5°	414.9	355.6	301.1	251.7	211.8	179.9	147.6	124.5	104.7	86.9	72.9
16.25°	466.3	402.8	341.8	285.9	237.6	199.9	166.8	135.5	115.3	94.8	79.7
15°	516.2	449.7	382.9	321.2	265.0	219.2	184.9	150.6	125.2	104.4	86.0
13.75°	566.3	494.0	425.2	357.1	296.1	242.9	201.9	166.9	134.5	113.3	91.9
12.5°	613.4	538.1	464.7	393.1	326.3	266.2	217.7	182.0	146.0	121.6	99.8
11.25°	657.2	579.7	501.4	427.9	355.8	291.6	237.0	195.8	159.3	129.1	107.1
10°	699.2	617.8	537.4	459.7	384.1	314.9	254.6	208.4	171.3	136.0	113.6
8.75°	739.7	652.2	570.0	488.3	411.2	337.9	273.0	220.2	182.0	144.2	119.5
7.5°	775.6	682.7	598.7	514.4	435.0	358.0	290.2	233.4	191.3	153.1	124.6
6.25°	806.6	711.9	623.4	537.7	455.5	375.8	305.0	244.6	199.3	160.8	128.9
5°	832.3	736.1	643.8	557.0	472.5	391.8	317.7	253.9	205.9	167.1	132.5
3.75°	852.7	755.2	660.0	572.2	485.7	404.4	328.3	261.4	211.1	172.0	135.3
2.5°	867.4	769.0	671.6	583.2	495.3	413.4	335.9	268.0	214.8	175.5	137.3
1.25°	876.2	777.3	678.6	589.7	501.1	418.8	340.5	271.9	217.1	177.6	138.5
0°	879.2	780.1	680.9	592.0	503.0	420.7	342.1	273.2	217.8	178.4	138.9
-1.25°	876.2	777.3	678.6	589.7	501.1	418.8	340.5	271.9	217.1	177.6	138.5
-2.5°	867.4	769.0	671.6	583.2	495.3	413.4	335.9	268.0	214.8	175.5	137.3
-3.75°	852.7	755.2	660.0	572.2	485.7	404.4	328.3	261.4	211.1	172.0	135.3
-5°	832.3	736.1	643.8	557.0	472.5	391.8	317.7	253.9	205.9	167.1	132.5
-6.25°	806.6	711.9	623.4	537.7	455.5	375.8	305.0	244.6	199.3	160.8	128.9
-7.5°	775.6	682.7	598.7	514.4	435.0	358.0	290.2	233.4	191.3	153.1	124.6
-8.75°	739.7	652.2	570.0	488.3	411.2	337.9	273.0	220.2	182.0	144.2	119.5
-10°	699.2	617.8	537.4	459.7	384.1	314.9	254.6	208.4	171.3	136.0	113.6
-11.25°	657.2	579.7	501.4	427.9	355.8	291.6	237.0	195.8	159.3	129.1	107.1
-12.5°	613.4	538.1	464.7	393.1	326.3	266.2	217.7	182.0	146.0	121.6	99.8
-13.75°	566.3	494.0	425.2	357.1	296.1	242.9	201.9	166.9	134.5	113.3	91.9
-15°	516.2	449.7	382.9	321.2	265.0	219.2	184.9	150.6	125.2	104.4	86.0
-16.25°	466.3	402.8	341.8	285.9	237.6	199.9	166.8	135.5	115.3	94.8	79.7
-17.5°	414.9	355.6	301.1	251.7	211.8	179.9	147.6	124.5	104.7	86.9	72.9
-18.75°	362.6	310.2	261.4	221.2	189.9	158.9	132.0	112.9	93.5	79.5	65.8
-20°	313.3	267.4	228.2	196.6	167.0	137.7	119.3	100.7	84.9	71.7	58.7
-21.25°	267.4	230.5	200.0	172.0	143.3	124.0	106.1	89.2	76.4	63.5	53.8



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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°	228.2	200.0	173.6	146.5	126.8	109.8	92.4	80.0	67.6	56.6	48.6
-23.75°	196.6	172.0	146.5	127.7	111.6	95.1	82.5	70.6	58.8	51.1	43.3
-25°	167.0	143.3	126.8	111.6	96.0	83.7	72.4	60.8	52.9	45.4	38.3
-26.25°	137.7	124.0	109.8	95.1	83.7	73.0	62.0	54.0	46.8	39.5	34.8
-27.5°	119.3	106.1	92.4	82.5	72.4	62.0	54.3	47.5	40.5	35.7	31.3
-28.75°	100.7	89.2	80.0	70.6	60.8	54.0	47.5	40.9	36.1	31.9	27.7
-30°	84.9	76.4	67.6	58.8	52.9	46.8	40.5	36.1	32.1	28.1	24.9
-31.25°	71.7	63.5	56.6	51.1	45.4	39.5	35.7	31.9	28.1	25.0	22.4
-32.5°	58.7	53.8	48.6	43.3	38.3	34.8	31.3	27.7	24.9	22.4	19.8
-33.75°	50.2	45.5	40.5	36.8	33.6	30.3	26.9	24.5	22.1	19.7	17.8
-35°	41.7	37.9	35.0	32.0	28.9	26.1	23.9	21.6	19.3	17.6	16.1
-36.25°	35.4	32.8	30.0	27.2	25.1	23.0	20.9	18.7	17.3	15.9	14.5
-37.5°	30.2	27.7	25.6	23.8	21.9	19.9	18.2	16.9	15.6	14.2	13.3
-38.75°	25.6	24.0	22.3	20.5	18.7	17.5	16.3	15.0	13.8	13.1	12.5
-40°	22.1	20.5	18.9	17.8	16.7	15.6	14.4	13.5	12.9	12.3	11.6
-41.25°	18.6	17.7	16.7	15.7	14.7	13.7	13.2	12.6	12.0	11.4	11.0
-42.5°	16.5	15.6	14.7	13.7	13.3	12.7	12.2	11.7	11.2	10.8	10.4
-43.75°	14.3	13.6	13.2	12.7	12.3	11.8	11.3	10.9	10.6	10.2	9.8
-45°	13.0	12.6	12.2	11.7	11.3	11.0	10.7	10.3	10.0	9.8	9.8
-46.25°	11.9	11.5	11.2	10.9	10.6	10.3	10.0	9.8	9.8	9.8	9.8
-47.5°	11.0	10.8	10.5	10.2	10.0	9.8	9.8	9.8	9.8	9.8	9.7
-48.75°	10.3	10.1	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.6	9.4
-50°	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.5	9.4	9.2	9.0
-51.25°	9.8	9.8	9.8	9.8	9.6	9.5	9.3	9.2	9.0	8.9	8.7
-52.5°	9.8	9.6	9.5	9.4	9.3	9.1	9.0	8.8	8.7	8.5	8.4
-53.75°	9.4	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1
-55°	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.0	7.9	7.8
-56.25°	8.6	8.5	8.4	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.4
-57.5°	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.1
-58.75°	7.8	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.0	6.9	6.8
-60°	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5
-61.25°	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.5	6.5	6.5	6.5
-62.5°	6.7	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-63.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.3
-65°	6.5	6.5	6.5	6.5	6.5	6.4	6.3	6.3	6.2	6.1	6.0
-66.25°	6.4	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7	5.7
-67.5°	6.0	6.0	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3
-68.75°	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0
-70°	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9	4.9	4.9
-71.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-72.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8
-73.75°	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.6	4.5	4.5
-75°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2	4.1
-76.25°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8
-77.5°	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.1
-80°	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7
-81.25°	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4
-82.5°	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0
-83.75°	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-85°	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
85°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
83.75°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
82.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
81.25°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
80°	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2
78.75°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.6	2.5
77.5°	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8
76.25°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
75°	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4
73.75°	4.4	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.8	3.7
72.5°	4.7	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	3.9
71.25°	4.9	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.5
68.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7
67.5°	5.2	5.1	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
66.25°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.9	4.9	4.9	4.9
65°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9	4.9
63.75°	6.2	6.1	6.0	5.9	5.8	5.6	5.5	5.4	5.3	5.1	5.0
62.5°	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.3
61.25°	6.5	6.5	6.5	6.5	6.4	6.2	6.1	5.9	5.8	5.7	5.5
60°	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.2	6.1	5.9	5.8
58.75°	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.2	6.0
57.5°	7.0	6.9	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.4	6.3
56.25°	7.3	7.2	7.0	6.9	6.7	6.6	6.5	6.5	6.5	6.5	6.5
55°	7.6	7.5	7.3	7.2	7.0	6.8	6.7	6.5	6.5	6.5	6.5
53.75°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.8	6.6	6.5	6.5
52.5°	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.8	6.7	6.5
51.25°	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7
50°	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.4	7.2	6.9
48.75°	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
47.5°	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.4
46.25°	9.8	9.6	9.4	9.2	8.9	8.7	8.5	8.3	8.1	7.9	7.6
45°	9.8	9.8	9.7	9.5	9.2	9.0	8.8	8.6	8.3	8.1	7.9
43.75°	9.8	9.8	9.8	9.8	9.5	9.3	9.0	8.8	8.6	8.3	8.1
42.5°	10.0	9.8	9.8	9.8	9.8	9.6	9.3	9.1	8.8	8.6	8.3
41.25°	10.6	10.1	9.8	9.8	9.8	9.8	9.6	9.3	9.0	8.8	8.5
40°	11.1	10.7	10.2	9.8	9.8	9.8	9.8	9.6	9.3	9.0	8.7
38.75°	11.8	11.2	10.7	10.3	9.8	9.8	9.8	9.8	9.5	9.2	8.9
37.5°	12.6	11.9	11.3	10.8	10.3	9.8	9.8	9.8	9.8	9.5	9.2
36.25°	13.4	12.7	11.9	11.3	10.7	10.2	9.8	9.8	9.8	9.7	9.4
35°	14.6	13.5	12.7	11.9	11.2	10.7	10.1	9.8	9.8	9.8	9.6



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	16.2	14.6	13.4	12.6	11.8	11.1	10.6	10.0	9.8	9.8	9.8
32.5°	17.8	16.1	14.5	13.3	12.5	11.6	11.0	10.4	9.8	9.8	9.8
31.25°	19.7	17.6	15.9	14.2	13.1	12.3	11.4	10.8	10.2	9.8	9.8
30°	22.1	19.3	17.3	15.6	13.8	12.9	12.0	11.2	10.6	10.0	9.8
28.75°	24.5	21.6	18.7	16.9	15.0	13.5	12.6	11.7	10.9	10.3	9.8
27.5°	26.9	23.9	20.9	18.2	16.3	14.4	13.2	12.2	11.3	10.7	10.0
26.25°	30.3	26.1	23.0	19.9	17.5	15.6	13.7	12.7	11.8	11.0	10.3
25°	33.6	28.9	25.1	21.9	18.7	16.7	14.7	13.3	12.3	11.3	10.6
23.75°	36.8	32.0	27.2	23.8	20.5	17.8	15.7	13.7	12.7	11.7	10.9
22.5°	40.5	35.0	30.0	25.6	22.3	18.9	16.7	14.7	13.2	12.2	11.2
21.25°	45.5	37.9	32.8	27.7	24.0	20.5	17.7	15.6	13.6	12.6	11.5
20°	50.2	41.7	35.4	30.2	25.6	22.1	18.6	16.5	14.3	13.0	11.9
18.75°	54.7	46.0	38.0	32.7	27.3	23.6	20.0	17.3	15.1	13.4	12.3
17.5°	59.0	50.2	41.2	34.9	29.5	25.0	21.3	18.1	15.8	13.7	12.6
16.25°	65.3	54.0	45.0	37.1	31.6	26.3	22.6	18.9	16.6	14.3	12.9
15°	71.4	57.7	48.5	39.2	33.5	27.9	23.8	20.0	17.2	14.9	13.2
13.75°	77.1	62.2	51.7	42.3	35.3	29.6	24.9	21.1	17.8	15.5	13.5
12.5°	82.3	67.2	54.7	45.2	37.0	31.2	25.9	22.1	18.4	16.1	13.8
11.25°	87.1	71.7	57.5	47.8	38.5	32.7	26.8	23.0	19.1	16.6	14.2
10°	91.4	75.9	60.3	50.2	40.4	34.0	28.1	23.7	19.8	17.0	14.6
8.75°	96.8	79.6	63.9	52.3	42.5	35.2	29.2	24.5	20.5	17.4	15.0
7.5°	101.7	82.8	66.9	54.1	44.2	36.2	30.2	25.1	21.1	17.7	15.3
6.25°	105.8	85.5	69.5	55.7	45.7	37.0	31.0	25.6	21.6	18.0	15.6
5°	109.2	87.8	71.7	57.0	47.0	37.7	31.7	26.0	22.0	18.3	15.8
3.75°	111.9	89.5	73.4	58.0	47.9	38.3	32.2	26.4	22.3	18.5	16.0
2.5°	113.8	90.8	74.6	58.7	48.6	38.7	32.6	26.6	22.6	18.6	16.1
1.25°	115.0	91.5	75.3	59.2	49.0	38.9	32.8	26.8	22.7	18.7	16.2
0°	115.4	91.8	75.6	59.3	49.2	39.0	32.9	26.8	22.8	18.7	16.3
-1.25°	115.0	91.5	75.3	59.2	49.0	38.9	32.8	26.8	22.7	18.7	16.2
-2.5°	113.8	90.8	74.6	58.7	48.6	38.7	32.6	26.6	22.6	18.6	16.1
-3.75°	111.9	89.5	73.4	58.0	47.9	38.3	32.2	26.4	22.3	18.5	16.0
-5°	109.2	87.8	71.7	57.0	47.0	37.7	31.7	26.0	22.0	18.3	15.8
-6.25°	105.8	85.5	69.5	55.7	45.7	37.0	31.0	25.6	21.6	18.0	15.6
-7.5°	101.7	82.8	66.9	54.1	44.2	36.2	30.2	25.1	21.1	17.7	15.3
-8.75°	96.8	79.6	63.9	52.3	42.5	35.2	29.2	24.5	20.5	17.4	15.0
-10°	91.4	75.9	60.3	50.2	40.4	34.0	28.1	23.7	19.8	17.0	14.6
-11.25°	87.1	71.7	57.5	47.8	38.5	32.7	26.8	23.0	19.1	16.6	14.2
-12.5°	82.3	67.2	54.7	45.2	37.0	31.2	25.9	22.1	18.4	16.1	13.8
-13.75°	77.1	62.2	51.7	42.3	35.3	29.6	24.9	21.1	17.8	15.5	13.5
-15°	71.4	57.7	48.5	39.2	33.5	27.9	23.8	20.0	17.2	14.9	13.2
-16.25°	65.3	54.0	45.0	37.1	31.6	26.3	22.6	18.9	16.6	14.3	12.9
-17.5°	59.0	50.2	41.2	34.9	29.5	25.0	21.3	18.1	15.8	13.7	12.6
-18.75°	54.7	46.0	38.0	32.7	27.3	23.6	20.0	17.3	15.1	13.4	12.3
-20°	50.2	41.7	35.4	30.2	25.6	22.1	18.6	16.5	14.3	13.0	11.9
-21.25°	45.5	37.9	32.8	27.7	24.0	20.5	17.7	15.6	13.6	12.6	11.5



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	40.5	35.0	30.0	25.6	22.3	18.9	16.7	14.7	13.2	12.2	11.2
-23.75°	36.8	32.0	27.2	23.8	20.5	17.8	15.7	13.7	12.7	11.7	10.9
-25°	33.6	28.9	25.1	21.9	18.7	16.7	14.7	13.3	12.3	11.3	10.6
-26.25°	30.3	26.1	23.0	19.9	17.5	15.6	13.7	12.7	11.8	11.0	10.3
-27.5°	26.9	23.9	20.9	18.2	16.3	14.4	13.2	12.2	11.3	10.7	10.0
-28.75°	24.5	21.6	18.7	16.9	15.0	13.5	12.6	11.7	10.9	10.3	9.8
-30°	22.1	19.3	17.3	15.6	13.8	12.9	12.0	11.2	10.6	10.0	9.8
-31.25°	19.7	17.6	15.9	14.2	13.1	12.3	11.4	10.8	10.2	9.8	9.8
-32.5°	17.8	16.1	14.5	13.3	12.5	11.6	11.0	10.4	9.8	9.8	9.8
-33.75°	16.2	14.6	13.4	12.6	11.8	11.1	10.6	10.0	9.8	9.8	9.8
-35°	14.6	13.5	12.7	11.9	11.2	10.7	10.1	9.8	9.8	9.8	9.6
-36.25°	13.4	12.7	11.9	11.3	10.7	10.2	9.8	9.8	9.8	9.7	9.4
-37.5°	12.6	11.9	11.3	10.8	10.3	9.8	9.8	9.8	9.8	9.5	9.2
-38.75°	11.8	11.2	10.7	10.3	9.8	9.8	9.8	9.8	9.5	9.2	8.9
-40°	11.1	10.7	10.2	9.8	9.8	9.8	9.8	9.6	9.3	9.0	8.7
-41.25°	10.6	10.1	9.8	9.8	9.8	9.8	9.6	9.3	9.0	8.8	8.5
-42.5°	10.0	9.8	9.8	9.8	9.8	9.6	9.3	9.1	8.8	8.6	8.3
-43.75°	9.8	9.8	9.8	9.8	9.5	9.3	9.0	8.8	8.6	8.3	8.1
-45°	9.8	9.8	9.7	9.5	9.2	9.0	8.8	8.6	8.3	8.1	7.9
-46.25°	9.8	9.6	9.4	9.2	8.9	8.7	8.5	8.3	8.1	7.9	7.6
-47.5°	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.4
-48.75°	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2
-50°	8.8	8.7	8.5	8.3	8.1	7.9	7.7	7.6	7.4	7.2	6.9
-51.25°	8.5	8.4	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.9	6.7
-52.5°	8.2	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.8	6.7	6.5
-53.75°	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.8	6.6	6.5	6.5
-55°	7.6	7.5	7.3	7.2	7.0	6.8	6.7	6.5	6.5	6.5	6.5
-56.25°	7.3	7.2	7.0	6.9	6.7	6.6	6.5	6.5	6.5	6.5	6.5
-57.5°	7.0	6.9	6.7	6.6	6.5	6.5	6.5	6.5	6.5	6.4	6.3
-58.75°	6.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.3	6.2	6.0
-60°	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.2	6.1	5.9	5.8
-61.25°	6.5	6.5	6.5	6.5	6.4	6.2	6.1	5.9	5.8	5.7	5.5
-62.5°	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.4	5.3
-63.75°	6.2	6.1	6.0	5.9	5.8	5.6	5.5	5.4	5.3	5.1	5.0
-65°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9	4.9
-66.25°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.9	4.9	4.9	4.9
-67.5°	5.2	5.1	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
-68.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.7
-70°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.6	4.5
-71.25°	4.9	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2
-72.5°	4.7	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	3.9
-73.75°	4.4	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.8	3.7
-75°	4.1	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4
-76.25°	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
-77.5°	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.6	2.5
-80°	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2
-81.25°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
-82.5°	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7
-83.75°	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4
-85°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1
-86.25°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
-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°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
83.75°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
82.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
81.25°	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.4
80°	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
78.75°	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8
77.5°	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
76.25°	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2
75°	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
73.75°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
72.5°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8
71.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
70°	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.2
68.75°	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.4
67.5°	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
66.25°	4.9	4.9	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.8
65°	4.9	4.9	4.9	4.9	4.9	4.7	4.6	4.4	4.3	4.2	4.0
63.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.5	4.3	4.2
62.5°	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.5	4.4
61.25°	5.4	5.2	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.6
60°	5.6	5.5	5.3	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.7
58.75°	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.9	4.9	4.9	4.9
57.5°	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.9	4.9	4.9	4.9
56.25°	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.9	4.9
55°	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.9
53.75°	6.5	6.5	6.4	6.3	6.1	5.8	5.6	5.4	5.2	5.0	4.9
52.5°	6.5	6.5	6.5	6.5	6.3	6.1	5.8	5.6	5.4	5.2	5.0
51.25°	6.5	6.5	6.5	6.5	6.5	6.3	6.0	5.8	5.6	5.4	5.1
50°	6.7	6.5	6.5	6.5	6.5	6.4	6.2	6.0	5.8	5.5	5.3
48.75°	7.0	6.7	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.7	5.5
47.5°	7.2	7.0	6.7	6.5	6.5	6.5	6.5	6.4	6.1	5.9	5.6
46.25°	7.4	7.2	6.9	6.7	6.5	6.5	6.5	6.5	6.3	6.0	5.8
45°	7.6	7.4	7.2	6.9	6.7	6.5	6.5	6.5	6.4	6.2	5.9
43.75°	7.8	7.6	7.4	7.1	6.8	6.6	6.5	6.5	6.5	6.3	6.1
42.5°	8.1	7.8	7.6	7.3	7.0	6.8	6.5	6.5	6.5	6.5	6.2
41.25°	8.3	8.0	7.7	7.5	7.2	6.9	6.7	6.5	6.5	6.5	6.4
40°	8.5	8.2	7.9	7.7	7.4	7.1	6.8	6.6	6.5	6.5	6.5
38.75°	8.7	8.4	8.1	7.9	7.6	7.3	7.0	6.7	6.5	6.5	6.5
37.5°	8.9	8.6	8.3	8.0	7.7	7.5	7.2	6.9	6.6	6.5	6.5
36.25°	9.1	8.8	8.5	8.2	7.9	7.6	7.3	7.0	6.7	6.5	6.5
35°	9.3	9.0	8.7	8.4	8.1	7.8	7.5	7.2	6.9	6.5	6.5



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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°
33.75°	9.5	9.2	8.8	8.5	8.2	7.9	7.6	7.3	7.0	6.7	6.5
32.5°	9.7	9.4	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.5
31.25°	9.8	9.6	9.2	8.9	8.5	8.2	7.9	7.6	7.3	6.9	6.6
30°	9.8	9.7	9.4	9.0	8.7	8.4	8.0	7.7	7.4	7.0	6.7
28.75°	9.8	9.8	9.5	9.2	8.8	8.5	8.2	7.8	7.5	7.2	6.8
27.5°	9.8	9.8	9.7	9.3	9.0	8.6	8.3	7.9	7.6	7.3	6.9
26.25°	9.8	9.8	9.8	9.5	9.1	8.7	8.4	8.1	7.7	7.4	7.0
25°	10.0	9.8	9.8	9.6	9.3	8.9	8.5	8.2	7.8	7.5	7.1
23.75°	10.2	9.8	9.8	9.8	9.4	9.0	8.6	8.3	7.9	7.6	7.2
22.5°	10.5	9.8	9.8	9.8	9.5	9.1	8.7	8.4	8.0	7.7	7.3
21.25°	10.8	10.1	9.8	9.8	9.6	9.2	8.8	8.5	8.1	7.8	7.4
20°	11.0	10.3	9.8	9.8	9.8	9.4	8.9	8.6	8.2	7.8	7.5
18.75°	11.3	10.5	9.8	9.8	9.8	9.5	9.0	8.7	8.3	7.9	7.5
17.5°	11.5	10.7	10.0	9.8	9.8	9.6	9.1	8.7	8.4	8.0	7.6
16.25°	11.8	10.9	10.2	9.8	9.8	9.7	9.2	8.8	8.4	8.1	7.7
15°	12.1	11.1	10.4	9.8	9.8	9.7	9.3	8.9	8.5	8.1	7.7
13.75°	12.4	11.3	10.5	9.8	9.8	9.8	9.4	9.0	8.6	8.2	7.8
12.5°	12.6	11.5	10.7	9.9	9.8	9.8	9.5	9.0	8.6	8.2	7.9
11.25°	12.8	11.7	10.8	10.0	9.8	9.8	9.5	9.1	8.7	8.3	7.9
10°	13.0	11.9	10.9	10.2	9.8	9.8	9.6	9.1	8.7	8.3	7.9
8.75°	13.2	12.0	11.0	10.3	9.8	9.8	9.6	9.2	8.8	8.4	8.0
7.5°	13.4	12.2	11.1	10.3	9.8	9.8	9.7	9.2	8.8	8.4	8.0
6.25°	13.5	12.3	11.2	10.4	9.8	9.8	9.7	9.3	8.8	8.4	8.0
5°	13.6	12.4	11.3	10.5	9.8	9.8	9.7	9.3	8.9	8.5	8.1
3.75°	13.7	12.5	11.3	10.5	9.8	9.8	9.8	9.3	8.9	8.5	8.1
2.5°	13.8	12.6	11.4	10.6	9.8	9.8	9.8	9.3	8.9	8.5	8.1
1.25°	13.8	12.6	11.4	10.6	9.8	9.8	9.8	9.3	8.9	8.5	8.1
0°	13.8	12.6	11.4	10.6	9.8	9.8	9.8	9.4	8.9	8.5	8.1
-1.25°	13.8	12.6	11.4	10.6	9.8	9.8	9.8	9.3	8.9	8.5	8.1
-2.5°	13.8	12.6	11.4	10.6	9.8	9.8	9.8	9.3	8.9	8.5	8.1
-3.75°	13.7	12.5	11.3	10.5	9.8	9.8	9.8	9.3	8.9	8.5	8.1
-5°	13.6	12.4	11.3	10.5	9.8	9.8	9.7	9.3	8.9	8.5	8.1
-6.25°	13.5	12.3	11.2	10.4	9.8	9.8	9.7	9.3	8.8	8.4	8.0
-7.5°	13.4	12.2	11.1	10.3	9.8	9.8	9.7	9.2	8.8	8.4	8.0
-8.75°	13.2	12.0	11.0	10.3	9.8	9.8	9.6	9.2	8.8	8.4	8.0
-10°	13.0	11.9	10.9	10.2	9.8	9.8	9.6	9.1	8.7	8.3	7.9
-11.25°	12.8	11.7	10.8	10.0	9.8	9.8	9.5	9.1	8.7	8.3	7.9
-12.5°	12.6	11.5	10.7	9.9	9.8	9.8	9.5	9.0	8.6	8.2	7.9
-13.75°	12.4	11.3	10.5	9.8	9.8	9.8	9.4	9.0	8.6	8.2	7.8
-15°	12.1	11.1	10.4	9.8	9.8	9.7	9.3	8.9	8.5	8.1	7.7
-16.25°	11.8	10.9	10.2	9.8	9.8	9.7	9.2	8.8	8.4	8.1	7.7
-17.5°	11.5	10.7	10.0	9.8	9.8	9.6	9.1	8.7	8.4	8.0	7.6
-18.75°	11.3	10.5	9.8	9.8	9.8	9.5	9.0	8.7	8.3	7.9	7.5
-20°	11.0	10.3	9.8	9.8	9.8	9.4	8.9	8.6	8.2	7.8	7.5
-21.25°	10.8	10.1	9.8	9.8	9.6	9.2	8.8	8.5	8.1	7.8	7.4



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	10.5	9.8	9.8	9.8	9.5	9.1	8.7	8.4	8.0	7.7	7.3
-23.75°	10.2	9.8	9.8	9.8	9.4	9.0	8.6	8.3	7.9	7.6	7.2
-25°	10.0	9.8	9.8	9.6	9.3	8.9	8.5	8.2	7.8	7.5	7.1
-26.25°	9.8	9.8	9.8	9.5	9.1	8.7	8.4	8.1	7.7	7.4	7.0
-27.5°	9.8	9.8	9.7	9.3	9.0	8.6	8.3	7.9	7.6	7.3	6.9
-28.75°	9.8	9.8	9.5	9.2	8.8	8.5	8.2	7.8	7.5	7.2	6.8
-30°	9.8	9.7	9.4	9.0	8.7	8.4	8.0	7.7	7.4	7.0	6.7
-31.25°	9.8	9.6	9.2	8.9	8.5	8.2	7.9	7.6	7.3	6.9	6.6
-32.5°	9.7	9.4	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.5
-33.75°	9.5	9.2	8.8	8.5	8.2	7.9	7.6	7.3	7.0	6.7	6.5
-35°	9.3	9.0	8.7	8.4	8.1	7.8	7.5	7.2	6.9	6.5	6.5
-36.25°	9.1	8.8	8.5	8.2	7.9	7.6	7.3	7.0	6.7	6.5	6.5
-37.5°	8.9	8.6	8.3	8.0	7.7	7.5	7.2	6.9	6.6	6.5	6.5
-38.75°	8.7	8.4	8.1	7.9	7.6	7.3	7.0	6.7	6.5	6.5	6.5
-40°	8.5	8.2	7.9	7.7	7.4	7.1	6.8	6.6	6.5	6.5	6.5
-41.25°	8.3	8.0	7.7	7.5	7.2	6.9	6.7	6.5	6.5	6.5	6.4
-42.5°	8.1	7.8	7.6	7.3	7.0	6.8	6.5	6.5	6.5	6.5	6.2
-43.75°	7.8	7.6	7.4	7.1	6.8	6.6	6.5	6.5	6.5	6.3	6.1
-45°	7.6	7.4	7.2	6.9	6.7	6.5	6.5	6.5	6.4	6.2	5.9
-46.25°	7.4	7.2	6.9	6.7	6.5	6.5	6.5	6.5	6.3	6.0	5.8
-47.5°	7.2	7.0	6.7	6.5	6.5	6.5	6.5	6.4	6.1	5.9	5.6
-48.75°	7.0	6.7	6.5	6.5	6.5	6.5	6.4	6.2	5.9	5.7	5.5
-50°	6.7	6.5	6.5	6.5	6.5	6.4	6.2	6.0	5.8	5.5	5.3
-51.25°	6.5	6.5	6.5	6.5	6.5	6.3	6.0	5.8	5.6	5.4	5.1
-52.5°	6.5	6.5	6.5	6.5	6.3	6.1	5.8	5.6	5.4	5.2	5.0
-53.75°	6.5	6.5	6.4	6.3	6.1	5.8	5.6	5.4	5.2	5.0	4.9
-55°	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.9
-56.25°	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.9	4.9
-57.5°	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.9	4.9	4.9	4.9
-58.75°	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.9	4.9	4.9	4.9
-60°	5.6	5.5	5.3	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.7
-61.25°	5.4	5.2	5.1	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.6
-62.5°	5.1	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.7	4.5	4.4
-63.75°	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.7	4.5	4.3	4.2
-65°	4.9	4.9	4.9	4.9	4.9	4.7	4.6	4.4	4.3	4.2	4.0
-66.25°	4.9	4.9	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.8
-67.5°	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
-68.75°	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.4
-70°	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.2
-71.25°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
-72.5°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8
-73.75°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-75°	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
-76.25°	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.2
-77.5°	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0



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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°
-78.75°	2.4	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8
-80°	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6
-81.25°	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.4
-82.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-83.75°	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-85°	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	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



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	6.5	6.5	6.2	5.9	5.6	5.2	4.9	4.9	4.9	4.7	4.4
32.5°	6.5	6.5	6.3	6.0	5.7	5.3	5.0	4.9	4.9	4.8	4.5
31.25°	6.5	6.5	6.4	6.1	5.7	5.4	5.1	4.9	4.9	4.9	4.5
30°	6.5	6.5	6.5	6.2	5.8	5.5	5.2	4.9	4.9	4.9	4.6
28.75°	6.5	6.5	6.5	6.3	5.9	5.6	5.2	4.9	4.9	4.9	4.6
27.5°	6.6	6.5	6.5	6.3	6.0	5.6	5.3	5.0	4.9	4.9	4.7
26.25°	6.7	6.5	6.5	6.4	6.1	5.7	5.4	5.0	4.9	4.9	4.8
25°	6.8	6.5	6.5	6.5	6.2	5.8	5.4	5.1	4.9	4.9	4.8
23.75°	6.9	6.5	6.5	6.5	6.2	5.9	5.5	5.1	4.9	4.9	4.8
22.5°	6.9	6.6	6.5	6.5	6.3	5.9	5.6	5.2	4.9	4.9	4.9
21.25°	7.0	6.7	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9	4.9
20°	7.1	6.7	6.5	6.5	6.4	6.0	5.7	5.3	4.9	4.9	4.9
18.75°	7.2	6.8	6.5	6.5	6.5	6.1	5.7	5.3	5.0	4.9	4.9
17.5°	7.2	6.9	6.5	6.5	6.5	6.1	5.8	5.4	5.0	4.9	4.9
16.25°	7.3	6.9	6.5	6.5	6.5	6.2	5.8	5.4	5.1	4.9	4.9
15°	7.4	7.0	6.6	6.5	6.5	6.2	5.9	5.5	5.1	4.9	4.9
13.75°	7.4	7.0	6.6	6.5	6.5	6.3	5.9	5.5	5.1	4.9	4.9
12.5°	7.5	7.1	6.7	6.5	6.5	6.3	5.9	5.5	5.2	4.9	4.9
11.25°	7.5	7.1	6.7	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
10°	7.5	7.2	6.8	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
8.75°	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
7.5°	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
6.25°	7.6	7.2	6.8	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
5°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
3.75°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
2.5°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
1.25°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
0°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
-1.25°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
-2.5°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
-3.75°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
-5°	7.7	7.3	6.9	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
-6.25°	7.6	7.2	6.8	6.5	6.5	6.5	6.1	5.7	5.3	4.9	4.9
-7.5°	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
-8.75°	7.6	7.2	6.8	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
-10°	7.5	7.2	6.8	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
-11.25°	7.5	7.1	6.7	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9
-12.5°	7.5	7.1	6.7	6.5	6.5	6.3	5.9	5.5	5.2	4.9	4.9
-13.75°	7.4	7.0	6.6	6.5	6.5	6.3	5.9	5.5	5.1	4.9	4.9
-15°	7.4	7.0	6.6	6.5	6.5	6.2	5.9	5.5	5.1	4.9	4.9
-16.25°	7.3	6.9	6.5	6.5	6.5	6.2	5.8	5.4	5.1	4.9	4.9
-17.5°	7.2	6.9	6.5	6.5	6.5	6.1	5.8	5.4	5.0	4.9	4.9
-18.75°	7.2	6.8	6.5	6.5	6.5	6.1	5.7	5.3	5.0	4.9	4.9
-20°	7.1	6.7	6.5	6.5	6.4	6.0	5.7	5.3	4.9	4.9	4.9
-21.25°	7.0	6.7	6.5	6.5	6.4	6.0	5.6	5.2	4.9	4.9	4.9



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	6.9	6.6	6.5	6.5	6.3	5.9	5.6	5.2	4.9	4.9	4.9
-23.75°	6.9	6.5	6.5	6.5	6.2	5.9	5.5	5.1	4.9	4.9	4.8
-25°	6.8	6.5	6.5	6.5	6.2	5.8	5.4	5.1	4.9	4.9	4.8
-26.25°	6.7	6.5	6.5	6.4	6.1	5.7	5.4	5.0	4.9	4.9	4.8
-27.5°	6.6	6.5	6.5	6.3	6.0	5.6	5.3	5.0	4.9	4.9	4.7
-28.75°	6.5	6.5	6.5	6.3	5.9	5.6	5.2	4.9	4.9	4.9	4.6
-30°	6.5	6.5	6.5	6.2	5.8	5.5	5.2	4.9	4.9	4.9	4.6
-31.25°	6.5	6.5	6.4	6.1	5.7	5.4	5.1	4.9	4.9	4.9	4.5
-32.5°	6.5	6.5	6.3	6.0	5.7	5.3	5.0	4.9	4.9	4.8	4.5
-33.75°	6.5	6.5	6.2	5.9	5.6	5.2	4.9	4.9	4.9	4.7	4.4
-35°	6.5	6.4	6.1	5.8	5.5	5.1	4.9	4.9	4.9	4.7	4.3
-36.25°	6.5	6.3	6.0	5.7	5.4	5.1	4.9	4.9	4.9	4.6	4.3
-37.5°	6.5	6.2	5.9	5.6	5.3	5.0	4.9	4.9	4.8	4.5	4.2
-38.75°	6.4	6.1	5.8	5.5	5.2	4.9	4.9	4.9	4.7	4.4	4.1
-40°	6.2	5.9	5.6	5.3	5.1	4.9	4.9	4.9	4.7	4.4	4.1
-41.25°	6.1	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.6	4.3	4.0
-42.5°	5.9	5.7	5.4	5.1	4.9	4.9	4.9	4.8	4.5	4.2	3.9
-43.75°	5.8	5.5	5.3	5.0	4.9	4.9	4.9	4.7	4.4	4.1	3.8
-45°	5.7	5.4	5.1	4.9	4.9	4.9	4.9	4.6	4.3	4.0	3.8
-46.25°	5.5	5.3	5.0	4.9	4.9	4.9	4.7	4.5	4.2	3.9	3.7
-47.5°	5.4	5.1	4.9	4.9	4.9	4.9	4.6	4.4	4.1	3.9	3.6
-48.75°	5.2	5.0	4.9	4.9	4.9	4.8	4.5	4.3	4.0	3.8	3.5
-50°	5.1	4.9	4.9	4.9	4.9	4.7	4.4	4.2	3.9	3.7	3.4
-51.25°	4.9	4.9	4.9	4.9	4.8	4.5	4.3	4.1	3.8	3.6	3.3
-52.5°	4.9	4.9	4.9	4.9	4.6	4.4	4.2	3.9	3.7	3.5	3.2
-53.75°	4.9	4.9	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.1
-55°	4.9	4.9	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.3	3.0
-56.25°	4.9	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9
-57.5°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.0	2.8
-58.75°	4.7	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	2.9	2.7
-60°	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6
-61.25°	4.4	4.2	4.0	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5
-62.5°	4.2	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.4
-63.75°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.5	2.3
-65°	3.9	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.2
-66.25°	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2	2.1
-67.5°	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.1	2.0
-68.75°	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.9
-70°	3.1	3.0	2.8	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.8
-71.25°	2.9	2.8	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7
-72.5°	2.7	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.5
-73.75°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.5	1.4
-75°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-76.25°	2.1	2.0	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2
-77.5°	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
-80°	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.0	1.0	0.9
-81.25°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8
-82.5°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7
-83.75°	1.0	0.9	0.9	0.8	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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	4.1	3.7	3.4	3.1	2.7	2.3	2.0	1.7	1.3	1.0	0.7
32.5°	4.1	3.8	3.5	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
31.25°	4.2	3.9	3.5	3.2	2.8	2.4	2.1	1.7	1.4	1.0	0.7
30°	4.2	3.9	3.6	3.2	2.8	2.4	2.1	1.7	1.4	1.0	0.7
28.75°	4.3	3.9	3.6	3.2	2.9	2.5	2.1	1.8	1.4	1.1	0.7
27.5°	4.3	4.0	3.6	3.3	2.9	2.5	2.1	1.8	1.4	1.1	0.7
26.25°	4.4	4.0	3.7	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.7
25°	4.4	4.1	3.7	3.4	3.0	2.6	2.2	1.8	1.4	1.1	0.7
23.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.7
22.5°	4.5	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.7
21.25°	4.6	4.2	3.8	3.5	3.1	2.6	2.2	1.9	1.5	1.1	0.7
20°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
18.75°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
17.5°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
16.25°	4.7	4.3	3.9	3.6	3.2	2.7	2.3	1.9	1.5	1.2	0.8
15°	4.7	4.3	4.0	3.6	3.2	2.7	2.3	1.9	1.5	1.2	0.8
13.75°	4.8	4.4	4.0	3.6	3.2	2.8	2.3	1.9	1.6	1.2	0.8
12.5°	4.8	4.4	4.0	3.6	3.2	2.8	2.3	2.0	1.6	1.2	0.8
11.25°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
10°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
8.75°	4.8	4.4	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
7.5°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
6.25°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
5°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
3.75°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
2.5°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
1.25°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
0°	4.9	4.5	4.1	3.7	3.3	2.9	2.4	2.0	1.6	1.2	0.8
-1.25°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-2.5°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-3.75°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-5°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-6.25°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-7.5°	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-8.75°	4.8	4.4	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.8
-10°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-11.25°	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-12.5°	4.8	4.4	4.0	3.6	3.2	2.8	2.3	2.0	1.6	1.2	0.8
-13.75°	4.8	4.4	4.0	3.6	3.2	2.8	2.3	1.9	1.6	1.2	0.8
-15°	4.7	4.3	4.0	3.6	3.2	2.7	2.3	1.9	1.5	1.2	0.8
-16.25°	4.7	4.3	3.9	3.6	3.2	2.7	2.3	1.9	1.5	1.2	0.8
-17.5°	4.7	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-18.75°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-20°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-21.25°	4.6	4.2	3.8	3.5	3.1	2.6	2.2	1.9	1.5	1.1	0.7



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	4.5	4.2	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.7
-23.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.7
-25°	4.4	4.1	3.7	3.4	3.0	2.6	2.2	1.8	1.4	1.1	0.7
-26.25°	4.4	4.0	3.7	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-27.5°	4.3	4.0	3.6	3.3	2.9	2.5	2.1	1.8	1.4	1.1	0.7
-28.75°	4.3	3.9	3.6	3.2	2.9	2.5	2.1	1.8	1.4	1.1	0.7
-30°	4.2	3.9	3.6	3.2	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-31.25°	4.2	3.9	3.5	3.2	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-32.5°	4.1	3.8	3.5	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
-33.75°	4.1	3.7	3.4	3.1	2.7	2.3	2.0	1.7	1.3	1.0	0.7
-35°	4.0	3.7	3.4	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-36.25°	4.0	3.6	3.3	3.0	2.6	2.3	1.9	1.6	1.3	1.0	0.6
-37.5°	3.9	3.6	3.3	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6
-38.75°	3.8	3.5	3.2	2.9	2.5	2.2	1.9	1.6	1.2	0.9	0.6
-40°	3.8	3.5	3.1	2.8	2.5	2.1	1.8	1.5	1.2	0.9	0.6
-41.25°	3.7	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-42.5°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-43.75°	3.5	3.3	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-45°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.8	0.6
-46.25°	3.4	3.1	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
-47.5°	3.3	3.0	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.5
-48.75°	3.2	2.9	2.7	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.5
-50°	3.1	2.9	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-51.25°	3.1	2.8	2.5	2.2	2.0	1.7	1.5	1.3	1.0	0.8	0.5
-52.5°	3.0	2.7	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
-53.75°	2.9	2.6	2.4	2.1	1.9	1.7	1.4	1.2	0.9	0.7	0.5
-55°	2.8	2.5	2.3	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-56.25°	2.7	2.4	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4
-57.5°	2.6	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
-58.75°	2.5	2.3	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.4
-60°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-61.25°	2.3	2.1	1.9	1.7	1.5	1.3	1.2	1.0	0.8	0.6	0.4
-62.5°	2.2	2.0	1.8	1.7	1.5	1.3	1.1	0.9	0.7	0.6	0.4
-63.75°	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
-65°	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
-66.25°	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
-67.5°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-68.75°	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-70°	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
-71.25°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-72.5°	1.4	1.3	1.2	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.2
-73.75°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
-75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-76.25°	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-77.5°	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2



REPORT NUMBER: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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°	0.9	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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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: P220327 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3597-F-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)