

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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

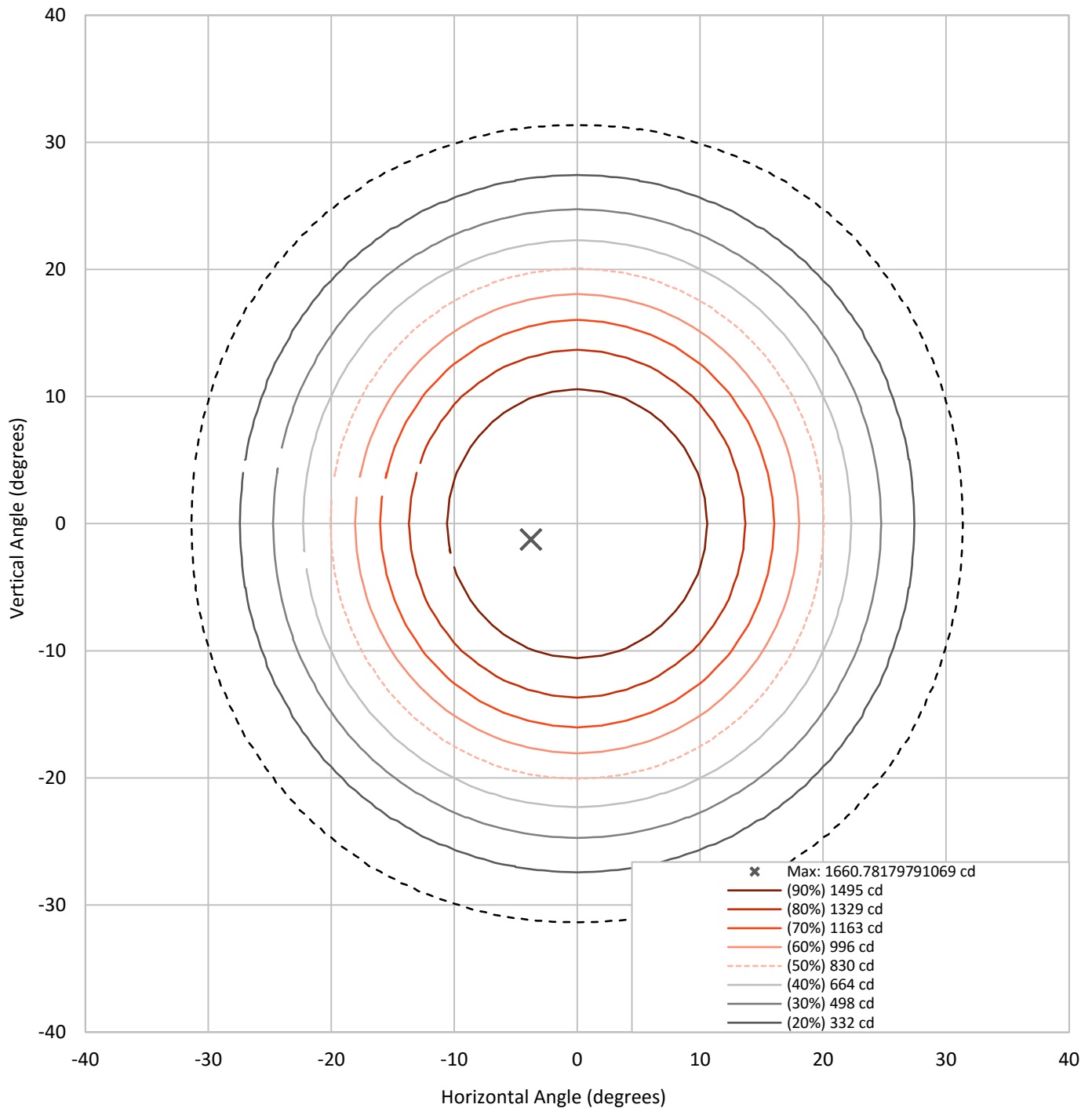
Test Method: LM-79-08
Report Number: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29411)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	803.4 lumens	Max Intensity:	1660.8 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	80.3 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:	489.5 lumens	Field Lumens:	720.6 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





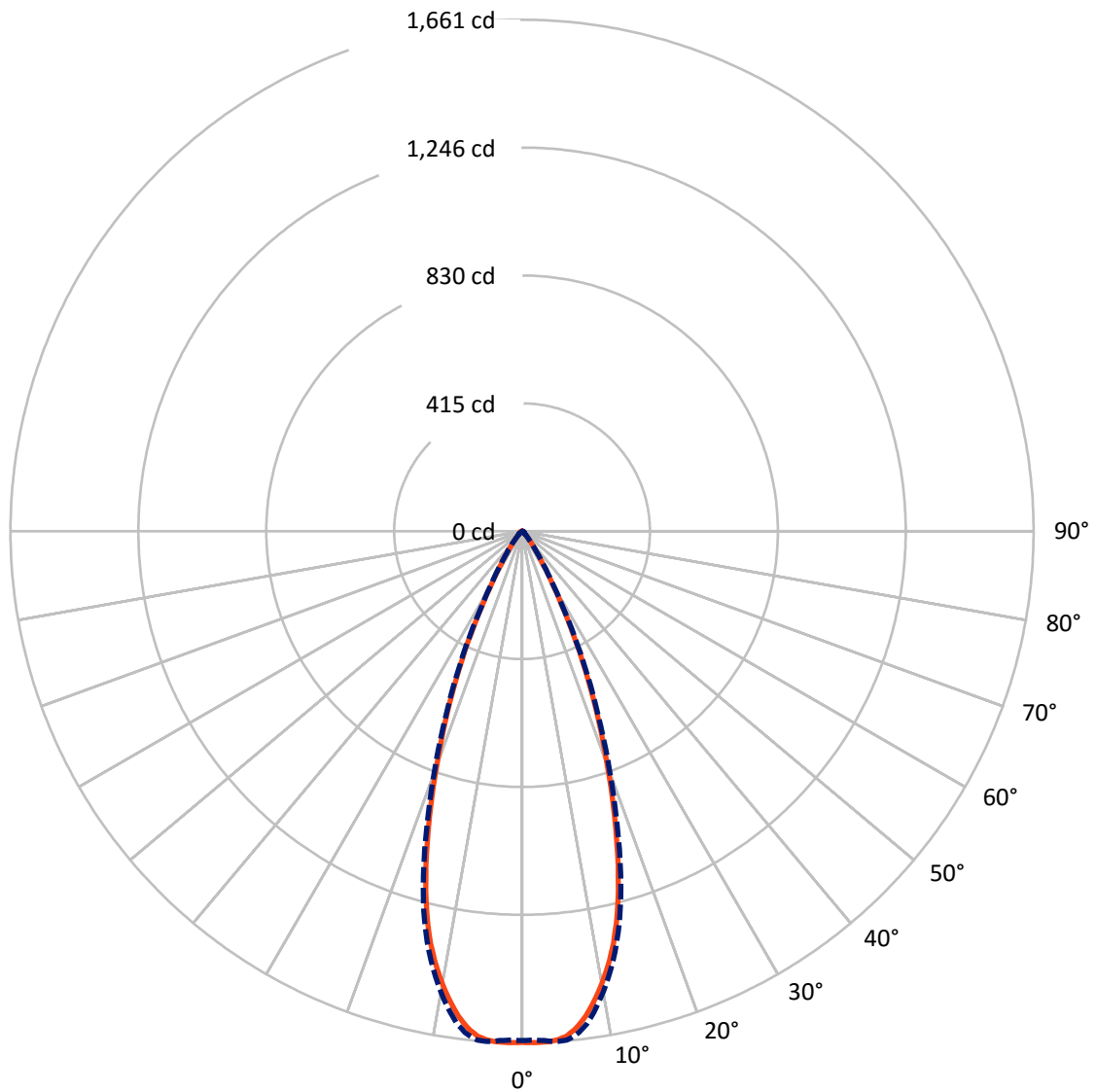
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Lumen Table

90																
80	0.0	0.1		0.2		0.3		0.4		0.3		0.2		0.1		0.0
70																
60	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
50		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	
40	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
30		0.1	0.1	0.2	0.3	0.8	1.8	2.8	2.8	1.8	0.8	0.3	0.2	0.1	0.1	
20	0.1	0.1	0.1	0.2	0.8	2.8	8.1	13.8	13.8	8.1	2.8	0.8	0.2	0.1	0.1	0.1
10		0.1	0.2	0.3	1.6	7.6	22.1	34.7	34.7	22.1	7.6	1.6	0.3	0.2	0.1	
0	0.1	0.1	0.2	0.4	2.3	12.6	33.7	47.9	47.9	33.7	12.6	2.3	0.4	0.2	0.1	0.1
-10		0.1	0.2	0.4	2.3	12.6	33.7	47.9	47.9	33.7	12.6	2.3	0.4	0.2	0.1	
-20	0.1	0.1	0.2	0.3	1.6	7.6	22.1	34.7	34.7	22.1	7.6	1.6	0.3	0.2	0.1	0.1
-30		0.1	0.1	0.2	0.8	2.8	8.1	13.8	13.8	8.1	2.8	0.8	0.2	0.1	0.1	
-40	0.1	0.1	0.1	0.2	0.3	0.8	1.8	2.8	2.8	1.8	0.8	0.3	0.2	0.1	0.1	0.1
-50		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	
-60	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
-70		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	
-80																
-90	0.0	0.1		0.2		0.3		0.4		0.3		0.2		0.1		0.0

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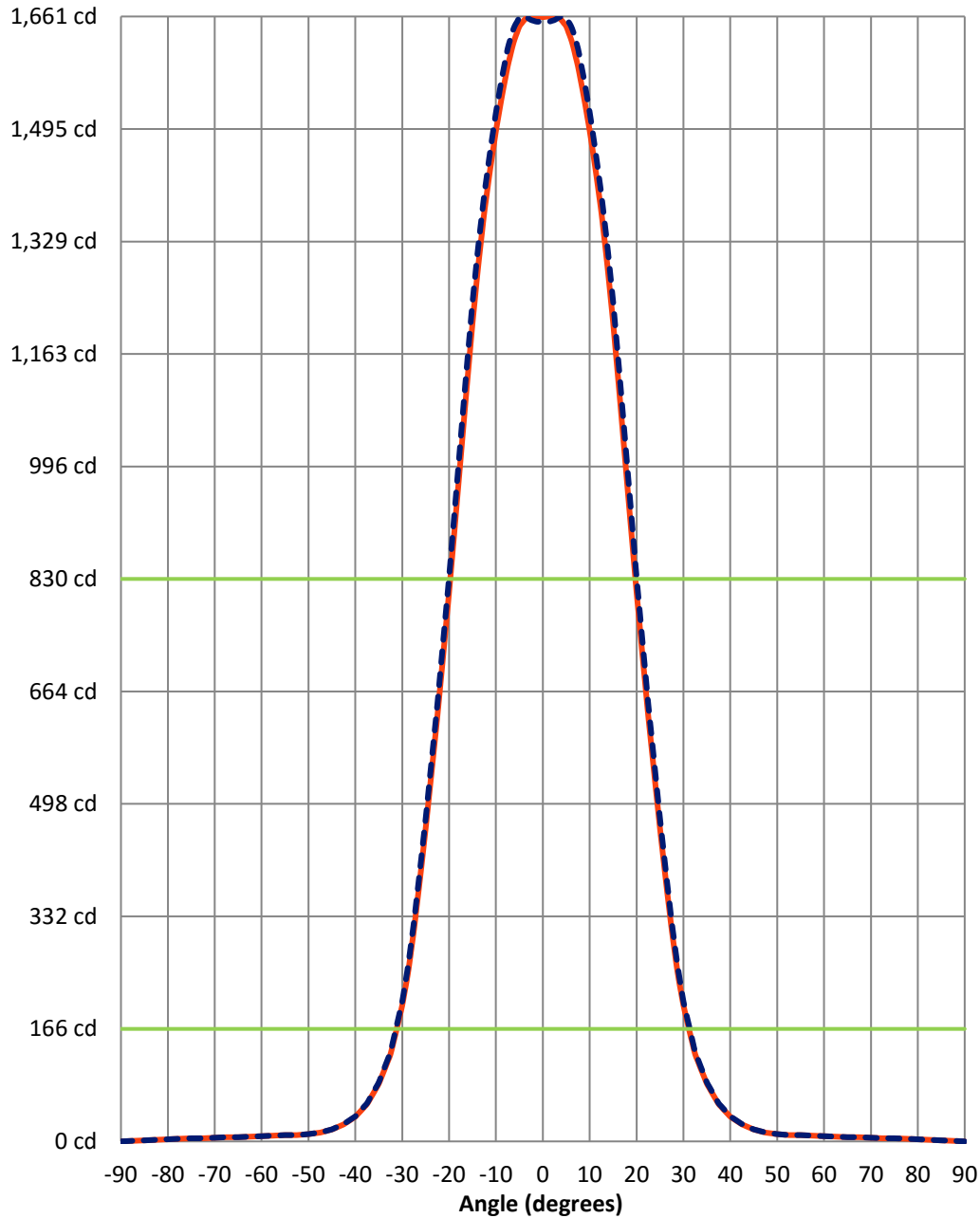
Luminous Intensity Polar Plot



— 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: 489.5
 Efficiency: 60.9%

Field:
 H Angle: 62.7°
 V Angle: 62.3°
 Lumens: 720.6
 Efficiency: 89.7%

Spill:
 Lumens: 82.8
 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	0.8	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	0.9	1.0	1.1
71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4
67.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4
66.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
65°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.6
63.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.0	1.2	1.3	1.5	1.7
62.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.2	1.4	1.6	1.7
61.25°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.8
60°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
58.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
57.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.2	1.4	1.6	1.8	2.0
56.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
55°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
53.75°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.3
52.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.6	1.8	2.1	2.3
51.25°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.9	2.1	2.4
50°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.2	2.5
48.75°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.3	2.5
47.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.3	2.6
46.25°	0.0	0.3	0.6	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.7
45°	0.0	0.3	0.6	0.8	1.1	1.3	1.6	1.9	2.2	2.4	2.7
43.75°	0.0	0.3	0.6	0.9	1.1	1.4	1.6	1.9	2.2	2.5	2.8
42.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
41.25°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
40°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.7	3.0
38.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
37.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
36.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.5	2.8	3.1
35°	0.0	0.3	0.7	1.0	1.2	1.5	1.9	2.2	2.5	2.8	3.2



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CANDELA DISTRIBUTION (continued):

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



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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	1.4	1.7	2.1	2.5	2.9	3.2	3.6
-23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.8	3.2	3.6
-25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.2	3.5
-26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.5
-27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.4
-28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.4
-30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.7	3.0	3.4
-31.25°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.3
-32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.3
-33.75°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.2
-35°	0.0	0.3	0.7	1.0	1.2	1.5	1.9	2.2	2.5	2.8	3.2
-36.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.5	2.8	3.1
-37.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
-38.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-40°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.7	3.0
-41.25°	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	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-43.75°	0.0	0.3	0.6	0.9	1.1	1.4	1.6	1.9	2.2	2.5	2.8
-45°	0.0	0.3	0.6	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	1.3	1.6	1.8	2.1	2.4	2.7
-47.5°	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	1.0	1.3	1.5	1.7	2.0	2.3	2.5
-50°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.2	2.5
-51.25°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.9	2.1	2.4
-52.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.6	1.8	2.1	2.3
-53.75°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.3
-55°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-56.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-57.5°	0.0	0.2	0.4	0.6	0.9	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	1.6	1.8	2.0
-60°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-61.25°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.4	1.6	1.8
-62.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-63.75°	0.0	0.2	0.4	0.5	0.7	0.9	1.0	1.2	1.3	1.5	1.7
-65°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.6
-66.25°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-67.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4
-68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.4
-70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
-71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-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	0.8	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



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
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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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	0.9	1.0	1.0
81.25°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2
80°	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3
78.75°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
77.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7
76.25°	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
75°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
73.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
72.5°	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
71.25°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5
70°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7
68.75°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9
67.5°	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0
66.25°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2
65°	1.7	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3
63.75°	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5
62.5°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.3	3.5	3.7
61.25°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.7	3.8
60°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
58.75°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	3.9	4.1
57.5°	2.2	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.2
56.25°	2.3	2.5	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4
55°	2.4	2.6	2.9	3.1	3.3	3.5	3.7	4.0	4.1	4.3	4.5
53.75°	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.6
52.5°	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.6
51.25°	2.6	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.5	4.6	4.6
50°	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.6	4.6
48.75°	2.8	3.0	3.3	3.6	3.8	4.0	4.3	4.5	4.6	4.6	4.6
47.5°	2.9	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.6	4.6	4.6
46.25°	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.6	4.6	4.6	4.7
45°	3.0	3.3	3.6	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.8
43.75°	3.1	3.3	3.6	3.9	4.2	4.4	4.6	4.6	4.6	4.7	5.0
42.5°	3.1	3.4	3.7	4.0	4.2	4.5	4.6	4.6	4.6	4.8	5.1
41.25°	3.2	3.5	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.9	5.2
40°	3.3	3.6	3.9	4.1	4.4	4.6	4.6	4.6	4.8	5.0	5.3
38.75°	3.3	3.6	3.9	4.2	4.5	4.6	4.6	4.6	4.9	5.2	5.5
37.5°	3.4	3.7	4.0	4.3	4.5	4.6	4.6	4.7	5.0	5.3	5.6
36.25°	3.4	3.8	4.1	4.3	4.6	4.6	4.6	4.8	5.1	5.4	5.7
35°	3.5	3.8	4.1	4.4	4.6	4.6	4.6	4.8	5.2	5.5	5.8



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	3.5	3.9	4.2	4.5	4.6	4.6	4.6	4.9	5.3	5.6	5.9
32.5°	3.6	3.9	4.2	4.5	4.6	4.6	4.7	5.0	5.4	5.7	6.0
31.25°	3.7	4.0	4.3	4.6	4.6	4.6	4.8	5.1	5.4	5.8	6.1
30°	3.7	4.0	4.3	4.6	4.6	4.6	4.9	5.2	5.5	5.9	6.2
28.75°	3.7	4.1	4.4	4.6	4.6	4.6	4.9	5.3	5.6	6.0	6.2
27.5°	3.8	4.1	4.4	4.6	4.6	4.7	5.0	5.3	5.7	6.0	6.2
26.25°	3.8	4.2	4.5	4.6	4.6	4.7	5.1	5.4	5.8	6.1	6.2
25°	3.9	4.2	4.5	4.6	4.6	4.8	5.1	5.5	5.9	6.2	6.2
23.75°	3.9	4.2	4.6	4.6	4.6	4.8	5.2	5.6	5.9	6.2	6.2
22.5°	4.0	4.3	4.6	4.6	4.6	4.9	5.3	5.6	6.0	6.2	6.2
21.25°	4.0	4.3	4.6	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2
20°	4.0	4.3	4.6	4.6	4.6	5.0	5.4	5.7	6.1	6.2	6.2
18.75°	4.0	4.4	4.6	4.6	4.7	5.0	5.4	5.8	6.2	6.2	6.2
17.5°	4.1	4.4	4.6	4.6	4.7	5.1	5.5	5.8	6.2	6.2	6.2
16.25°	4.1	4.4	4.6	4.6	4.8	5.1	5.5	5.9	6.2	6.2	6.2
15°	4.1	4.5	4.6	4.6	4.8	5.2	5.6	5.9	6.2	6.2	6.3
13.75°	4.1	4.5	4.6	4.6	4.8	5.2	5.6	6.0	6.2	6.2	6.3
12.5°	4.2	4.5	4.6	4.6	4.9	5.2	5.6	6.0	6.2	6.2	6.4
11.25°	4.2	4.5	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.4
10°	4.2	4.5	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.5
8.75°	4.2	4.5	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.5
7.5°	4.2	4.6	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.5
6.25°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.5
5°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
3.75°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
2.5°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
1.25°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
0°	4.3	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
-1.25°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
-2.5°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
-3.75°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
-5°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.6
-6.25°	4.2	4.6	4.6	4.6	5.0	5.4	5.8	6.2	6.2	6.2	6.5
-7.5°	4.2	4.6	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.5
-8.75°	4.2	4.5	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.5
-10°	4.2	4.5	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.5
-11.25°	4.2	4.5	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2	6.4
-12.5°	4.2	4.5	4.6	4.6	4.9	5.2	5.6	6.0	6.2	6.2	6.4
-13.75°	4.1	4.5	4.6	4.6	4.8	5.2	5.6	6.0	6.2	6.2	6.3
-15°	4.1	4.5	4.6	4.6	4.8	5.2	5.6	5.9	6.2	6.2	6.3
-16.25°	4.1	4.4	4.6	4.6	4.8	5.1	5.5	5.9	6.2	6.2	6.2
-17.5°	4.1	4.4	4.6	4.6	4.7	5.1	5.5	5.8	6.2	6.2	6.2
-18.75°	4.0	4.4	4.6	4.6	4.7	5.0	5.4	5.8	6.2	6.2	6.2
-20°	4.0	4.3	4.6	4.6	4.6	5.0	5.4	5.7	6.1	6.2	6.2
-21.25°	4.0	4.3	4.6	4.6	4.6	4.9	5.3	5.7	6.1	6.2	6.2



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°
-22.5°	4.0	4.3	4.6	4.6	4.6	4.9	5.3	5.6	6.0	6.2	6.2
-23.75°	3.9	4.2	4.6	4.6	4.6	4.8	5.2	5.6	5.9	6.2	6.2
-25°	3.9	4.2	4.5	4.6	4.6	4.8	5.1	5.5	5.9	6.2	6.2
-26.25°	3.8	4.2	4.5	4.6	4.6	4.7	5.1	5.4	5.8	6.1	6.2
-27.5°	3.8	4.1	4.4	4.6	4.6	4.7	5.0	5.3	5.7	6.0	6.2
-28.75°	3.7	4.1	4.4	4.6	4.6	4.6	4.9	5.3	5.6	6.0	6.2
-30°	3.7	4.0	4.3	4.6	4.6	4.6	4.9	5.2	5.5	5.9	6.2
-31.25°	3.7	4.0	4.3	4.6	4.6	4.6	4.8	5.1	5.4	5.8	6.1
-32.5°	3.6	3.9	4.2	4.5	4.6	4.6	4.7	5.0	5.4	5.7	6.0
-33.75°	3.5	3.9	4.2	4.5	4.6	4.6	4.6	4.9	5.3	5.6	5.9
-35°	3.5	3.8	4.1	4.4	4.6	4.6	4.6	4.8	5.2	5.5	5.8
-36.25°	3.4	3.8	4.1	4.3	4.6	4.6	4.6	4.8	5.1	5.4	5.7
-37.5°	3.4	3.7	4.0	4.3	4.5	4.6	4.6	4.7	5.0	5.3	5.6
-38.75°	3.3	3.6	3.9	4.2	4.5	4.6	4.6	4.6	4.9	5.2	5.5
-40°	3.3	3.6	3.9	4.1	4.4	4.6	4.6	4.6	4.8	5.0	5.3
-41.25°	3.2	3.5	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.9	5.2
-42.5°	3.1	3.4	3.7	4.0	4.2	4.5	4.6	4.6	4.6	4.8	5.1
-43.75°	3.1	3.3	3.6	3.9	4.2	4.4	4.6	4.6	4.6	4.7	5.0
-45°	3.0	3.3	3.6	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.8
-46.25°	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.6	4.6	4.6	4.7
-47.5°	2.9	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.6	4.6	4.6
-48.75°	2.8	3.0	3.3	3.6	3.8	4.0	4.3	4.5	4.6	4.6	4.6
-50°	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.6	4.6
-51.25°	2.6	2.9	3.1	3.4	3.6	3.9	4.1	4.3	4.5	4.6	4.6
-52.5°	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.6
-53.75°	2.5	2.7	2.9	3.2	3.4	3.6	3.9	4.1	4.3	4.5	4.6
-55°	2.4	2.6	2.9	3.1	3.3	3.5	3.7	4.0	4.1	4.3	4.5
-56.25°	2.3	2.5	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4
-57.5°	2.2	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.2
-58.75°	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	3.9	4.1
-60°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	4.0
-61.25°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.7	3.8
-62.5°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.3	3.5	3.7
-63.75°	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5
-65°	1.7	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3
-66.25°	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2
-67.5°	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9	3.0
-68.75°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.5	2.6	2.7	2.9
-70°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.6	2.7
-71.25°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5
-72.5°	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
-73.75°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-75°	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-76.25°	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.8
-77.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7



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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°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
-80°	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.3
-81.25°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0
-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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°
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	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
82.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4
81.25°	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7
80°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	2.0
78.75°	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
77.5°	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5
76.25°	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.7
75°	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	3.0
73.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2
72.5°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
71.25°	2.6	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
70°	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	4.0
68.75°	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.2
67.5°	3.2	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4
66.25°	3.3	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.5	4.6
65°	3.5	3.7	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.6	4.6
63.75°	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.6	4.6	4.6
62.5°	3.8	4.0	4.1	4.3	4.4	4.6	4.6	4.6	4.6	4.6	4.6
61.25°	4.0	4.1	4.3	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.8
60°	4.1	4.3	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	5.0
58.75°	4.3	4.4	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.1	5.2
57.5°	4.4	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.5
56.25°	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.1	5.3	5.5	5.7
55°	4.6	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.5	5.7	5.9
53.75°	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.5	5.8	6.0	6.1
52.5°	4.6	4.6	4.7	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.2
51.25°	4.6	4.6	4.8	5.1	5.3	5.5	5.7	6.0	6.2	6.2	6.2
50°	4.6	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.2	6.2	6.2
48.75°	4.7	4.9	5.2	5.4	5.6	5.9	6.1	6.2	6.2	6.2	6.2
47.5°	4.8	5.1	5.3	5.6	5.8	6.1	6.2	6.2	6.2	6.2	6.4
46.25°	5.0	5.2	5.5	5.7	6.0	6.2	6.2	6.2	6.2	6.4	6.6
45°	5.1	5.4	5.6	5.9	6.1	6.2	6.2	6.2	6.4	6.6	6.9
43.75°	5.2	5.5	5.8	6.0	6.2	6.2	6.2	6.3	6.5	6.8	7.0
42.5°	5.4	5.6	5.9	6.2	6.2	6.2	6.2	6.5	6.7	7.0	7.2
41.25°	5.5	5.8	6.1	6.2	6.2	6.2	6.4	6.6	6.9	7.2	7.4
40°	5.6	5.9	6.2	6.2	6.2	6.3	6.5	6.8	7.1	7.3	7.6
38.75°	5.8	6.1	6.2	6.2	6.2	6.4	6.7	7.0	7.2	7.5	7.7
37.5°	5.9	6.2	6.2	6.2	6.3	6.6	6.9	7.1	7.4	7.6	7.9
36.25°	6.0	6.2	6.2	6.2	6.4	6.7	7.0	7.3	7.5	7.8	8.1
35°	6.1	6.2	6.2	6.2	6.6	6.9	7.1	7.4	7.7	8.0	8.3



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6.2	6.2	6.2	6.4	6.7	7.0	7.3	7.5	7.8	8.1	8.4
32.5°	6.2	6.2	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6
31.25°	6.2	6.2	6.3	6.6	7.0	7.2	7.5	7.8	8.1	8.5	8.8
30°	6.2	6.2	6.4	6.7	7.1	7.4	7.6	8.0	8.3	8.6	8.9
28.75°	6.2	6.2	6.5	6.9	7.2	7.5	7.8	8.1	8.4	8.8	9.1
27.5°	6.2	6.3	6.6	7.0	7.3	7.6	7.9	8.2	8.6	8.9	9.2
26.25°	6.2	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.7	9.0	9.3
25°	6.2	6.5	6.8	7.2	7.5	7.8	8.1	8.5	8.8	9.2	9.3
23.75°	6.2	6.6	6.9	7.2	7.5	7.9	8.2	8.6	8.9	9.3	9.3
22.5°	6.3	6.6	7.0	7.3	7.6	8.0	8.3	8.7	9.1	9.3	9.3
21.25°	6.4	6.7	7.1	7.4	7.7	8.1	8.4	8.8	9.2	9.3	9.3
20°	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.9	9.3	9.3	9.3
18.75°	6.5	6.9	7.2	7.5	7.9	8.3	8.6	9.0	9.3	9.3	9.3
17.5°	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.1	9.3	9.3	9.5
16.25°	6.6	7.0	7.3	7.7	8.0	8.4	8.8	9.2	9.3	9.3	9.7
15°	6.7	7.1	7.4	7.7	8.1	8.5	8.9	9.2	9.3	9.3	9.8
13.75°	6.7	7.1	7.4	7.8	8.2	8.6	8.9	9.3	9.3	9.3	10.0
12.5°	6.8	7.1	7.5	7.8	8.2	8.6	9.0	9.3	9.3	9.4	10.1
11.25°	6.8	7.2	7.5	7.9	8.3	8.7	9.1	9.3	9.3	9.5	10.2
10°	6.9	7.2	7.6	7.9	8.3	8.7	9.1	9.3	9.3	9.6	10.4
8.75°	6.9	7.2	7.6	8.0	8.4	8.8	9.2	9.3	9.3	9.7	10.5
7.5°	6.9	7.3	7.6	8.0	8.4	8.8	9.2	9.3	9.3	9.8	10.6
6.25°	6.9	7.3	7.6	8.0	8.4	8.8	9.2	9.3	9.3	9.9	10.6
5°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	9.9	10.7
3.75°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.0	10.7
2.5°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.0	10.8
1.25°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.0	10.8
0°	7.0	7.4	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.1	10.8
-1.25°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.0	10.8
-2.5°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.0	10.8
-3.75°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	10.0	10.7
-5°	7.0	7.3	7.7	8.1	8.5	8.9	9.3	9.3	9.3	9.9	10.7
-6.25°	6.9	7.3	7.6	8.0	8.4	8.8	9.2	9.3	9.3	9.9	10.6
-7.5°	6.9	7.3	7.6	8.0	8.4	8.8	9.2	9.3	9.3	9.8	10.6
-8.75°	6.9	7.2	7.6	8.0	8.4	8.8	9.2	9.3	9.3	9.7	10.5
-10°	6.9	7.2	7.6	7.9	8.3	8.7	9.1	9.3	9.3	9.6	10.4
-11.25°	6.8	7.2	7.5	7.9	8.3	8.7	9.1	9.3	9.3	9.5	10.2
-12.5°	6.8	7.1	7.5	7.8	8.2	8.6	9.0	9.3	9.3	9.4	10.1
-13.75°	6.7	7.1	7.4	7.8	8.2	8.6	8.9	9.3	9.3	9.3	10.0
-15°	6.7	7.1	7.4	7.7	8.1	8.5	8.9	9.2	9.3	9.3	9.8
-16.25°	6.6	7.0	7.3	7.7	8.0	8.4	8.8	9.2	9.3	9.3	9.7
-17.5°	6.6	6.9	7.3	7.6	8.0	8.3	8.7	9.1	9.3	9.3	9.5
-18.75°	6.5	6.9	7.2	7.5	7.9	8.3	8.6	9.0	9.3	9.3	9.3
-20°	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.9	9.3	9.3	9.3
-21.25°	6.4	6.7	7.1	7.4	7.7	8.1	8.4	8.8	9.2	9.3	9.3



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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°	6.3	6.6	7.0	7.3	7.6	8.0	8.3	8.7	9.1	9.3	9.3
-23.75°	6.2	6.6	6.9	7.2	7.5	7.9	8.2	8.6	8.9	9.3	9.3
-25°	6.2	6.5	6.8	7.2	7.5	7.8	8.1	8.5	8.8	9.2	9.3
-26.25°	6.2	6.4	6.7	7.1	7.4	7.7	8.0	8.3	8.7	9.0	9.3
-27.5°	6.2	6.3	6.6	7.0	7.3	7.6	7.9	8.2	8.6	8.9	9.2
-28.75°	6.2	6.2	6.5	6.9	7.2	7.5	7.8	8.1	8.4	8.8	9.1
-30°	6.2	6.2	6.4	6.7	7.1	7.4	7.6	8.0	8.3	8.6	8.9
-31.25°	6.2	6.2	6.3	6.6	7.0	7.2	7.5	7.8	8.1	8.5	8.8
-32.5°	6.2	6.2	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6
-33.75°	6.2	6.2	6.2	6.4	6.7	7.0	7.3	7.5	7.8	8.1	8.4
-35°	6.1	6.2	6.2	6.2	6.6	6.9	7.1	7.4	7.7	8.0	8.3
-36.25°	6.0	6.2	6.2	6.2	6.4	6.7	7.0	7.3	7.5	7.8	8.1
-37.5°	5.9	6.2	6.2	6.2	6.3	6.6	6.9	7.1	7.4	7.6	7.9
-38.75°	5.8	6.1	6.2	6.2	6.2	6.4	6.7	7.0	7.2	7.5	7.7
-40°	5.6	5.9	6.2	6.2	6.2	6.3	6.5	6.8	7.1	7.3	7.6
-41.25°	5.5	5.8	6.1	6.2	6.2	6.2	6.4	6.6	6.9	7.2	7.4
-42.5°	5.4	5.6	5.9	6.2	6.2	6.2	6.2	6.5	6.7	7.0	7.2
-43.75°	5.2	5.5	5.8	6.0	6.2	6.2	6.2	6.3	6.5	6.8	7.0
-45°	5.1	5.4	5.6	5.9	6.1	6.2	6.2	6.2	6.4	6.6	6.9
-46.25°	5.0	5.2	5.5	5.7	6.0	6.2	6.2	6.2	6.2	6.4	6.6
-47.5°	4.8	5.1	5.3	5.6	5.8	6.1	6.2	6.2	6.2	6.2	6.4
-48.75°	4.7	4.9	5.2	5.4	5.6	5.9	6.1	6.2	6.2	6.2	6.2
-50°	4.6	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.2	6.2	6.2
-51.25°	4.6	4.6	4.8	5.1	5.3	5.5	5.7	6.0	6.2	6.2	6.2
-52.5°	4.6	4.6	4.7	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.2
-53.75°	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.5	5.8	6.0	6.1
-55°	4.6	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.5	5.7	5.9
-56.25°	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.1	5.3	5.5	5.7
-57.5°	4.4	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.1	5.3	5.5
-58.75°	4.3	4.4	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.1	5.2
-60°	4.1	4.3	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	5.0
-61.25°	4.0	4.1	4.3	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.8
-62.5°	3.8	4.0	4.1	4.3	4.4	4.6	4.6	4.6	4.6	4.6	4.6
-63.75°	3.7	3.8	4.0	4.1	4.2	4.4	4.5	4.6	4.6	4.6	4.6
-65°	3.5	3.7	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.6	4.6
-66.25°	3.3	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.4	4.5	4.6
-67.5°	3.2	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4
-68.75°	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.2
-70°	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	4.0
-71.25°	2.6	2.7	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
-72.5°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
-73.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2
-75°	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	3.0
-76.25°	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.7
-77.5°	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4	2.5



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2
-80°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	2.0
-81.25°	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7
-82.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4
-83.75°	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
-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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	0.9	0.9
85°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
83.75°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
82.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
81.25°	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2
80°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
78.75°	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.7	2.8
77.5°	2.5	2.6	2.7	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1
76.25°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.4
75°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.8
73.75°	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.1
72.5°	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.3
71.25°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	4.6
70°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.6	4.6	4.6
68.75°	4.3	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
67.5°	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8
66.25°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.0	5.1
65°	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4
63.75°	4.6	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5	5.6	5.7
62.5°	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.8	5.9	6.0
61.25°	4.9	5.1	5.2	5.4	5.5	5.6	5.8	5.9	6.1	6.2	6.2
60°	5.2	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.2	6.2	6.2
58.75°	5.4	5.6	5.7	5.9	6.0	6.2	6.2	6.2	6.2	6.2	6.2
57.5°	5.6	5.8	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.4
56.25°	5.9	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.4	6.6	6.7
55°	6.1	6.2	6.2	6.2	6.2	6.2	6.4	6.5	6.7	6.9	7.0
53.75°	6.2	6.2	6.2	6.2	6.3	6.5	6.6	6.8	7.0	7.1	7.3
52.5°	6.2	6.2	6.2	6.4	6.5	6.7	6.9	7.1	7.2	7.4	7.5
51.25°	6.2	6.2	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.8
50°	6.2	6.4	6.6	6.9	7.0	7.2	7.4	7.6	7.7	7.9	8.1
48.75°	6.4	6.7	6.9	7.1	7.3	7.4	7.6	7.8	8.0	8.2	8.4
47.5°	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7
46.25°	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9
45°	7.1	7.3	7.5	7.7	7.9	8.2	8.4	8.6	8.8	9.0	9.2
43.75°	7.3	7.5	7.7	7.9	8.2	8.4	8.6	8.9	9.1	9.3	9.3
42.5°	7.4	7.7	7.9	8.2	8.4	8.6	8.9	9.1	9.3	9.3	9.3
41.25°	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.3	9.3	9.3	9.3
40°	7.8	8.1	8.3	8.6	8.9	9.1	9.3	9.3	9.3	9.3	9.7
38.75°	8.0	8.3	8.5	8.8	9.1	9.3	9.3	9.3	9.3	9.7	10.2
37.5°	8.2	8.5	8.7	9.0	9.3	9.3	9.3	9.3	9.7	10.2	10.7
36.25°	8.4	8.7	8.9	9.2	9.3	9.3	9.3	9.7	10.2	10.7	11.3
35°	8.6	8.9	9.1	9.3	9.3	9.3	9.6	10.1	10.6	11.3	12.0



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	8.7	9.0	9.3	9.3	9.3	9.5	10.0	10.5	11.2	12.0	12.7
32.5°	8.9	9.2	9.3	9.3	9.3	9.9	10.4	11.0	11.8	12.6	13.8
31.25°	9.1	9.3	9.3	9.3	9.7	10.2	10.8	11.6	12.5	13.5	15.1
30°	9.2	9.3	9.3	9.5	10.0	10.6	11.4	12.2	13.1	14.8	16.5
28.75°	9.3	9.3	9.3	9.8	10.4	11.0	11.9	12.8	14.3	16.1	17.8
27.5°	9.3	9.3	9.5	10.1	10.7	11.6	12.5	13.7	15.5	17.3	19.9
26.25°	9.3	9.3	9.8	10.4	11.2	12.1	13.0	14.8	16.6	18.9	21.9
25°	9.3	9.5	10.1	10.7	11.6	12.6	14.0	15.9	17.8	20.8	23.8
23.75°	9.3	9.7	10.4	11.1	12.1	13.0	15.0	16.9	19.5	22.6	25.8
22.5°	9.3	10.0	10.6	11.5	12.5	13.9	15.9	18.0	21.2	24.4	28.6
21.25°	9.6	10.2	10.9	11.9	12.9	14.8	16.8	19.5	22.8	26.3	31.2
20°	9.8	10.4	11.3	12.3	13.6	15.6	17.7	21.0	24.3	28.8	33.7
18.75°	10.0	10.7	11.6	12.7	14.3	16.4	19.0	22.4	26.0	31.1	36.1
17.5°	10.2	10.9	12.0	13.0	15.1	17.2	20.3	23.8	28.1	33.2	39.2
16.25°	10.4	11.2	12.3	13.6	15.7	18.0	21.5	25.0	30.0	35.3	42.8
15°	10.5	11.5	12.6	14.2	16.4	19.1	22.6	26.6	31.9	37.3	46.1
13.75°	10.7	11.7	12.8	14.8	17.0	20.1	23.7	28.2	33.6	40.3	49.2
12.5°	10.9	12.0	13.1	15.3	17.5	21.0	24.7	29.7	35.2	43.0	52.1
11.25°	11.1	12.2	13.5	15.7	18.1	21.8	25.5	31.1	36.6	45.5	54.7
10°	11.3	12.4	13.9	16.2	18.9	22.6	26.7	32.3	38.5	47.8	57.4
8.75°	11.4	12.5	14.3	16.6	19.5	23.3	27.8	33.4	40.4	49.8	60.7
7.5°	11.6	12.7	14.6	16.9	20.1	23.9	28.7	34.4	42.1	51.5	63.7
6.25°	11.7	12.8	14.8	17.2	20.6	24.4	29.5	35.2	43.5	53.0	66.1
5°	11.8	12.9	15.1	17.4	20.9	24.8	30.1	35.9	44.7	54.2	68.2
3.75°	11.9	13.0	15.2	17.6	21.3	25.1	30.7	36.4	45.6	55.2	69.8
2.5°	11.9	13.1	15.4	17.7	21.5	25.3	31.0	36.8	46.2	55.9	70.9
1.25°	11.9	13.1	15.4	17.8	21.6	25.5	31.2	37.0	46.6	56.3	71.6
0°	12.0	13.1	15.5	17.8	21.7	25.5	31.3	37.1	46.8	56.4	71.9
-1.25°	11.9	13.1	15.4	17.8	21.6	25.5	31.2	37.0	46.6	56.3	71.6
-2.5°	11.9	13.1	15.4	17.7	21.5	25.3	31.0	36.8	46.2	55.9	70.9
-3.75°	11.9	13.0	15.2	17.6	21.3	25.1	30.7	36.4	45.6	55.2	69.8
-5°	11.8	12.9	15.1	17.4	20.9	24.8	30.1	35.9	44.7	54.2	68.2
-6.25°	11.7	12.8	14.8	17.2	20.6	24.4	29.5	35.2	43.5	53.0	66.1
-7.5°	11.6	12.7	14.6	16.9	20.1	23.9	28.7	34.4	42.1	51.5	63.7
-8.75°	11.4	12.5	14.3	16.6	19.5	23.3	27.8	33.4	40.4	49.8	60.7
-10°	11.3	12.4	13.9	16.2	18.9	22.6	26.7	32.3	38.5	47.8	57.4
-11.25°	11.1	12.2	13.5	15.7	18.1	21.8	25.5	31.1	36.6	45.5	54.7
-12.5°	10.9	12.0	13.1	15.3	17.5	21.0	24.7	29.7	35.2	43.0	52.1
-13.75°	10.7	11.7	12.8	14.8	17.0	20.1	23.7	28.2	33.6	40.3	49.2
-15°	10.5	11.5	12.6	14.2	16.4	19.1	22.6	26.6	31.9	37.3	46.1
-16.25°	10.4	11.2	12.3	13.6	15.7	18.0	21.5	25.0	30.0	35.3	42.8
-17.5°	10.2	10.9	12.0	13.0	15.1	17.2	20.3	23.8	28.1	33.2	39.2
-18.75°	10.0	10.7	11.6	12.7	14.3	16.4	19.0	22.4	26.0	31.1	36.1
-20°	9.8	10.4	11.3	12.3	13.6	15.6	17.7	21.0	24.3	28.8	33.7
-21.25°	9.6	10.2	10.9	11.9	12.9	14.8	16.8	19.5	22.8	26.3	31.2



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	9.3	10.0	10.6	11.5	12.5	13.9	15.9	18.0	21.2	24.4	28.6
-23.75°	9.3	9.7	10.4	11.1	12.1	13.0	15.0	16.9	19.5	22.6	25.8
-25°	9.3	9.5	10.1	10.7	11.6	12.6	14.0	15.9	17.8	20.8	23.8
-26.25°	9.3	9.3	9.8	10.4	11.2	12.1	13.0	14.8	16.6	18.9	21.9
-27.5°	9.3	9.3	9.5	10.1	10.7	11.6	12.5	13.7	15.5	17.3	19.9
-28.75°	9.3	9.3	9.3	9.8	10.4	11.0	11.9	12.8	14.3	16.1	17.8
-30°	9.2	9.3	9.3	9.5	10.0	10.6	11.4	12.2	13.1	14.8	16.5
-31.25°	9.1	9.3	9.3	9.3	9.7	10.2	10.8	11.6	12.5	13.5	15.1
-32.5°	8.9	9.2	9.3	9.3	9.3	9.9	10.4	11.0	11.8	12.6	13.8
-33.75°	8.7	9.0	9.3	9.3	9.3	9.5	10.0	10.5	11.2	12.0	12.7
-35°	8.6	8.9	9.1	9.3	9.3	9.3	9.6	10.1	10.6	11.3	12.0
-36.25°	8.4	8.7	8.9	9.2	9.3	9.3	9.3	9.7	10.2	10.7	11.3
-37.5°	8.2	8.5	8.7	9.0	9.3	9.3	9.3	9.3	9.7	10.2	10.7
-38.75°	8.0	8.3	8.5	8.8	9.1	9.3	9.3	9.3	9.3	9.7	10.2
-40°	7.8	8.1	8.3	8.6	8.9	9.1	9.3	9.3	9.3	9.3	9.7
-41.25°	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.3	9.3	9.3	9.3
-42.5°	7.4	7.7	7.9	8.2	8.4	8.6	8.9	9.1	9.3	9.3	9.3
-43.75°	7.3	7.5	7.7	7.9	8.2	8.4	8.6	8.9	9.1	9.3	9.3
-45°	7.1	7.3	7.5	7.7	7.9	8.2	8.4	8.6	8.8	9.0	9.2
-46.25°	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9
-47.5°	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7
-48.75°	6.4	6.7	6.9	7.1	7.3	7.4	7.6	7.8	8.0	8.2	8.4
-50°	6.2	6.4	6.6	6.9	7.0	7.2	7.4	7.6	7.7	7.9	8.1
-51.25°	6.2	6.2	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.8
-52.5°	6.2	6.2	6.2	6.4	6.5	6.7	6.9	7.1	7.2	7.4	7.5
-53.75°	6.2	6.2	6.2	6.2	6.3	6.5	6.6	6.8	7.0	7.1	7.3
-55°	6.1	6.2	6.2	6.2	6.2	6.2	6.4	6.5	6.7	6.9	7.0
-56.25°	5.9	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.4	6.6	6.7
-57.5°	5.6	5.8	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.4
-58.75°	5.4	5.6	5.7	5.9	6.0	6.2	6.2	6.2	6.2	6.2	6.2
-60°	5.2	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.2	6.2	6.2
-61.25°	4.9	5.1	5.2	5.4	5.5	5.6	5.8	5.9	6.1	6.2	6.2
-62.5°	4.7	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.8	5.9	6.0
-63.75°	4.6	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5	5.6	5.7
-65°	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4
-66.25°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.0	5.1
-67.5°	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8
-68.75°	4.3	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-70°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.6	4.6	4.6
-71.25°	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5	4.6
-72.5°	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.3
-73.75°	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.1
-75°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.8
-76.25°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.4
-77.5°	2.5	2.6	2.7	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1



REPORT NUMBER: P220326 (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°	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.7	2.8
-80°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
-81.25°	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2
-82.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
-83.75°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-85°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
-86.25°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
83.75°	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
81.25°	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5
80°	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
78.75°	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
77.5°	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6	3.6
76.25°	3.5	3.5	3.6	3.7	3.7	3.7	3.8	3.8	3.9	3.9	4.0
75°	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3
73.75°	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6
72.5°	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
71.25°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
70°	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.8	4.8	4.9
68.75°	4.6	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3
67.5°	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6
66.25°	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0
65°	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.2
63.75°	5.8	5.9	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
62.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3
61.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.4	6.5	6.6	6.6
60°	6.2	6.2	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
58.75°	6.2	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.2	7.3
57.5°	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
56.25°	6.9	7.0	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0
55°	7.1	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.2	8.3
53.75°	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.3	8.5	8.6	8.7
52.5°	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.1
51.25°	8.0	8.1	8.3	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.3
50°	8.3	8.4	8.6	8.8	8.9	9.1	9.2	9.3	9.3	9.3	9.3
48.75°	8.6	8.7	8.9	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.3
47.5°	8.9	9.0	9.2	9.3	9.3	9.3	9.3	9.3	9.5	9.7	10.0
46.25°	9.1	9.3	9.3	9.3	9.3	9.3	9.5	9.8	10.1	10.4	10.6
45°	9.3	9.3	9.3	9.3	9.5	9.8	10.1	10.4	10.7	11.1	11.5
43.75°	9.3	9.3	9.3	9.7	10.0	10.4	10.7	11.2	11.6	12.1	12.5
42.5°	9.3	9.5	9.9	10.2	10.6	11.0	11.6	12.1	12.6	13.0	13.9
41.25°	9.6	10.0	10.4	10.8	11.4	11.9	12.5	13.0	14.0	15.0	15.9
40°	10.1	10.5	11.0	11.6	12.2	12.8	13.7	14.8	15.9	16.9	18.0
38.75°	10.6	11.2	11.8	12.5	13.1	14.3	15.5	16.6	17.8	19.5	21.2
37.5°	11.3	12.0	12.6	13.5	14.8	16.1	17.3	18.9	20.8	22.6	24.4
36.25°	12.0	12.7	13.8	15.1	16.5	17.8	19.9	21.9	23.8	25.8	28.6
35°	12.8	13.9	15.4	16.8	18.4	20.6	22.7	24.8	27.5	30.5	33.3



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	13.9	15.4	16.9	18.7	21.1	23.3	25.6	28.8	32.0	35.0	38.6
32.5°	15.4	16.9	18.9	21.3	23.7	26.3	29.8	33.2	36.4	41.2	46.3
31.25°	16.8	18.7	21.3	23.8	26.7	30.4	33.9	37.6	43.2	48.6	53.9
30°	18.4	21.1	23.7	26.7	30.6	34.3	38.6	44.5	50.3	55.9	64.3
28.75°	20.6	23.3	26.3	30.4	34.3	38.9	45.2	51.3	57.8	67.1	76.1
27.5°	22.7	25.6	29.8	33.9	38.6	45.2	51.7	58.9	68.8	78.4	87.9
26.25°	24.8	28.8	33.2	37.6	44.5	51.3	58.9	69.4	79.6	90.5	104.4
25°	27.5	32.0	36.4	43.2	50.3	57.8	68.8	79.6	91.3	106.2	120.6
23.75°	30.5	35.0	41.2	48.6	55.9	67.1	78.4	90.5	106.2	121.5	139.3
22.5°	33.3	38.6	46.3	53.9	64.3	76.1	87.9	104.4	120.6	139.3	165.1
21.25°	36.0	43.3	51.1	60.4	72.7	84.8	100.9	117.9	136.2	163.5	190.2
20°	39.7	47.8	55.8	68.2	80.7	95.8	113.5	130.9	158.9	187.0	217.0
18.75°	43.8	52.1	62.6	75.6	88.9	107.4	125.5	151.1	180.6	210.4	248.6
17.5°	47.7	56.1	69.4	82.6	99.6	118.4	140.3	171.1	201.4	239.3	286.2
16.25°	51.4	62.1	75.8	90.2	109.6	128.9	158.6	190.1	226.0	271.9	325.0
15°	54.9	67.9	81.8	99.3	119.1	143.2	175.8	208.4	252.0	305.4	364.1
13.75°	59.1	73.3	87.4	107.7	127.9	158.7	192.0	231.0	281.5	339.6	404.3
12.5°	63.9	78.3	94.9	115.6	138.9	173.0	207.0	253.1	310.2	373.8	441.9
11.25°	68.2	82.8	101.8	122.8	151.4	186.2	225.3	277.3	338.3	406.9	476.7
10°	72.2	86.9	108.1	129.3	162.9	198.1	242.1	299.4	365.2	437.1	510.9
8.75°	75.7	92.0	113.6	137.1	173.0	209.4	259.5	321.3	391.0	464.3	541.9
7.5°	78.7	96.7	118.5	145.6	181.9	221.9	276.0	340.4	413.6	489.0	569.2
6.25°	81.3	100.6	122.6	152.9	189.6	232.6	290.0	357.3	433.1	511.2	592.7
5°	83.5	103.9	126.0	158.9	195.8	241.4	302.1	372.6	449.2	529.6	612.2
3.75°	85.1	106.4	128.7	163.6	200.7	248.6	312.2	384.5	461.8	544.0	627.5
2.5°	86.3	108.2	130.6	166.9	204.3	254.8	319.4	393.1	470.9	554.4	638.5
1.25°	87.1	109.3	131.7	168.9	206.4	258.5	323.8	398.2	476.4	560.7	645.2
0°	87.3	109.7	132.1	169.6	207.1	259.8	325.3	400.0	478.2	562.8	647.4
-1.25°	87.1	109.3	131.7	168.9	206.4	258.5	323.8	398.2	476.4	560.7	645.2
-2.5°	86.3	108.2	130.6	166.9	204.3	254.8	319.4	393.1	470.9	554.4	638.5
-3.75°	85.1	106.4	128.7	163.6	200.7	248.6	312.2	384.5	461.8	544.0	627.5
-5°	83.5	103.9	126.0	158.9	195.8	241.4	302.1	372.6	449.2	529.6	612.2
-6.25°	81.3	100.6	122.6	152.9	189.6	232.6	290.0	357.3	433.1	511.2	592.7
-7.5°	78.7	96.7	118.5	145.6	181.9	221.9	276.0	340.4	413.6	489.0	569.2
-8.75°	75.7	92.0	113.6	137.1	173.0	209.4	259.5	321.3	391.0	464.3	541.9
-10°	72.2	86.9	108.1	129.3	162.9	198.1	242.1	299.4	365.2	437.1	510.9
-11.25°	68.2	82.8	101.8	122.8	151.4	186.2	225.3	277.3	338.3	406.9	476.7
-12.5°	63.9	78.3	94.9	115.6	138.9	173.0	207.0	253.1	310.2	373.8	441.9
-13.75°	59.1	73.3	87.4	107.7	127.9	158.7	192.0	231.0	281.5	339.6	404.3
-15°	54.9	67.9	81.8	99.3	119.1	143.2	175.8	208.4	252.0	305.4	364.1
-16.25°	51.4	62.1	75.8	90.2	109.6	128.9	158.6	190.1	226.0	271.9	325.0
-17.5°	47.7	56.1	69.4	82.6	99.6	118.4	140.3	171.1	201.4	239.3	286.2
-18.75°	43.8	52.1	62.6	75.6	88.9	107.4	125.5	151.1	180.6	210.4	248.6
-20°	39.7	47.8	55.8	68.2	80.7	95.8	113.5	130.9	158.9	187.0	217.0
-21.25°	36.0	43.3	51.1	60.4	72.7	84.8	100.9	117.9	136.2	163.5	190.2



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CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	33.3	38.6	46.3	53.9	64.3	76.1	87.9	104.4	120.6	139.3	165.1
-23.75°	30.5	35.0	41.2	48.6	55.9	67.1	78.4	90.5	106.2	121.5	139.3
-25°	27.5	32.0	36.4	43.2	50.3	57.8	68.8	79.6	91.3	106.2	120.6
-26.25°	24.8	28.8	33.2	37.6	44.5	51.3	58.9	69.4	79.6	90.5	104.4
-27.5°	22.7	25.6	29.8	33.9	38.6	45.2	51.7	58.9	68.8	78.4	87.9
-28.75°	20.6	23.3	26.3	30.4	34.3	38.9	45.2	51.3	57.8	67.1	76.1
-30°	18.4	21.1	23.7	26.7	30.6	34.3	38.6	44.5	50.3	55.9	64.3
-31.25°	16.8	18.7	21.3	23.8	26.7	30.4	33.9	37.6	43.2	48.6	53.9
-32.5°	15.4	16.9	18.9	21.3	23.7	26.3	29.8	33.2	36.4	41.2	46.3
-33.75°	13.9	15.4	16.9	18.7	21.1	23.3	25.6	28.8	32.0	35.0	38.6
-35°	12.8	13.9	15.4	16.8	18.4	20.6	22.7	24.8	27.5	30.5	33.3
-36.25°	12.0	12.7	13.8	15.1	16.5	17.8	19.9	21.9	23.8	25.8	28.6
-37.5°	11.3	12.0	12.6	13.5	14.8	16.1	17.3	18.9	20.8	22.6	24.4
-38.75°	10.6	11.2	11.8	12.5	13.1	14.3	15.5	16.6	17.8	19.5	21.2
-40°	10.1	10.5	11.0	11.6	12.2	12.8	13.7	14.8	15.9	16.9	18.0
-41.25°	9.6	10.0	10.4	10.8	11.4	11.9	12.5	13.0	14.0	15.0	15.9
-42.5°	9.3	9.5	9.9	10.2	10.6	11.0	11.6	12.1	12.6	13.0	13.9
-43.75°	9.3	9.3	9.3	9.7	10.0	10.4	10.7	11.2	11.6	12.1	12.5
-45°	9.3	9.3	9.3	9.3	9.5	9.8	10.1	10.4	10.7	11.1	11.5
-46.25°	9.1	9.3	9.3	9.3	9.3	9.3	9.5	9.8	10.1	10.4	10.6
-47.5°	8.9	9.0	9.2	9.3	9.3	9.3	9.3	9.3	9.5	9.7	10.0
-48.75°	8.6	8.7	8.9	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.3
-50°	8.3	8.4	8.6	8.8	8.9	9.1	9.2	9.3	9.3	9.3	9.3
-51.25°	8.0	8.1	8.3	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.3
-52.5°	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	8.9	9.1
-53.75°	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.3	8.5	8.6	8.7
-55°	7.1	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.2	8.3
-56.25°	6.9	7.0	7.1	7.2	7.4	7.5	7.6	7.7	7.8	7.9	8.0
-57.5°	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
-58.75°	6.2	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.2	7.3
-60°	6.2	6.2	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
-61.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.4	6.5	6.6	6.6
-62.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.3
-63.75°	5.8	5.9	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-65°	5.5	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.2
-66.25°	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0
-67.5°	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6
-68.75°	4.6	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3
-70°	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.8	4.8	4.9
-71.25°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-72.5°	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-73.75°	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6
-75°	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3
-76.25°	3.5	3.5	3.6	3.7	3.7	3.7	3.8	3.8	3.9	3.9	4.0
-77.5°	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6	3.6



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
-80°	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
-81.25°	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5
-82.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-83.75°	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
-85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
-86.25°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
83.75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
82.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
81.25°	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7
80°	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
78.75°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
77.5°	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9
76.25°	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
75°	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5
73.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
71.25°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
70°	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3
68.75°	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7
67.5°	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
66.25°	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
63.75°	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5
62.5°	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9
61.25°	6.7	6.8	6.9	6.9	7.0	7.1	7.1	7.1	7.2	7.2	7.2
60°	7.1	7.1	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.6	7.6
58.75°	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0
57.5°	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.2	8.3	8.3	8.4
56.25°	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.6	8.7	8.7	8.8
55°	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2
53.75°	8.8	8.9	9.0	9.1	9.2	9.2	9.3	9.3	9.3	9.3	9.3
52.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
51.25°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.6	9.7
50°	9.3	9.3	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.4	10.5
48.75°	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.4
47.5°	10.2	10.4	10.7	10.9	11.2	11.5	11.7	12.0	12.2	12.4	12.5
46.25°	10.9	11.3	11.6	12.0	12.3	12.6	12.8	13.1	13.5	13.9	14.3
45°	11.9	12.3	12.7	13.0	13.6	14.2	14.8	15.3	15.7	16.2	16.6
43.75°	12.9	13.6	14.3	15.1	15.7	16.4	17.0	17.5	18.1	18.9	19.5
42.5°	14.8	15.6	16.4	17.2	18.0	19.1	20.1	21.0	21.8	22.6	23.3
41.25°	16.8	17.7	19.0	20.3	21.5	22.6	23.7	24.7	25.5	26.7	27.8
40°	19.5	21.0	22.4	23.8	25.0	26.6	28.2	29.7	31.1	32.3	33.4
38.75°	22.8	24.3	26.0	28.1	30.0	31.9	33.6	35.2	36.6	38.5	40.4
37.5°	26.3	28.8	31.1	33.2	35.3	37.3	40.3	43.0	45.5	47.8	49.8
36.25°	31.2	33.7	36.1	39.2	42.8	46.1	49.2	52.1	54.7	57.4	60.7
35°	36.0	39.7	43.8	47.7	51.4	54.9	59.1	63.9	68.2	72.2	75.7

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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°	43.3	47.8	52.1	56.1	62.1	67.9	73.3	78.3	82.8	86.9	92.0
32.5°	51.1	55.8	62.6	69.4	75.8	81.8	87.4	94.9	101.8	108.1	113.6
31.25°	60.4	68.2	75.6	82.6	90.2	99.3	107.7	115.6	122.8	129.3	137.1
30°	72.7	80.7	88.9	99.6	109.6	119.1	127.9	138.9	151.4	162.9	173.0
28.75°	84.8	95.8	107.4	118.4	128.9	143.2	158.7	173.0	186.2	198.1	209.4
27.5°	100.9	113.5	125.5	140.3	158.6	175.8	192.0	207.0	225.3	242.1	259.5
26.25°	117.9	130.9	151.1	171.1	190.1	208.4	231.0	253.1	277.3	299.4	321.3
25°	136.2	158.9	180.6	201.4	226.0	252.0	281.5	310.2	338.3	365.2	391.0
23.75°	163.5	187.0	210.4	239.3	271.9	305.4	339.6	373.8	406.9	437.1	464.3
22.5°	190.2	217.0	248.6	286.2	325.0	364.1	404.3	441.9	476.7	510.9	541.9
21.25°	219.2	254.2	294.9	338.2	383.1	427.6	469.7	511.6	551.2	587.4	620.1
20°	254.2	297.9	344.8	394.5	443.3	490.8	538.4	583.2	624.8	664.8	703.3
18.75°	294.9	344.8	398.4	451.2	504.0	556.6	606.5	654.2	703.1	748.1	788.8
17.5°	338.2	394.5	451.2	508.4	565.7	620.7	675.9	731.0	782.5	830.0	876.9
16.25°	383.1	443.3	504.0	565.7	625.4	686.9	748.0	805.9	862.6	917.8	968.2
15°	427.6	490.8	556.6	620.7	686.9	753.7	817.7	882.8	945.7	1004.3	1058.4
13.75°	469.7	538.4	606.5	675.9	748.0	817.7	889.6	959.9	1026.6	1089.2	1145.3
12.5°	511.6	583.2	654.2	731.0	805.9	882.8	959.9	1034.1	1104.4	1169.1	1226.2
11.25°	551.2	624.8	703.1	782.5	862.6	945.7	1026.6	1104.4	1176.7	1242.4	1296.9
10°	587.4	664.8	748.1	830.0	917.8	1004.3	1089.2	1169.1	1242.4	1304.5	1357.6
8.75°	620.1	703.3	788.8	876.9	968.2	1058.4	1145.3	1226.2	1296.9	1357.6	1408.8
7.5°	649.1	737.4	825.0	919.2	1013.4	1106.4	1194.6	1274.2	1343.1	1401.9	1452.2
6.25°	676.9	766.9	858.3	955.8	1053.0	1147.8	1237.0	1314.7	1381.7	1438.8	1489.1
5°	699.9	791.4	887.0	986.5	1086.2	1181.8	1269.6	1345.9	1411.6	1468.8	1519.6
3.75°	718.0	810.7	909.7	1010.9	1111.8	1208.2	1295.1	1371.0	1435.1	1492.1	1542.6
2.5°	731.1	824.6	926.0	1028.6	1130.4	1227.5	1313.6	1387.5	1451.4	1508.8	1559.7
1.25°	739.0	833.1	936.0	1039.4	1141.7	1239.2	1323.8	1397.3	1461.4	1519.2	1569.8
0°	741.7	835.9	939.3	1043.0	1145.5	1243.1	1327.3	1400.7	1464.8	1522.7	1573.2
-1.25°	739.0	833.1	936.0	1039.4	1141.7	1239.2	1323.8	1397.3	1461.4	1519.2	1569.8
-2.5°	731.1	824.6	926.0	1028.6	1130.4	1227.5	1313.6	1387.5	1451.4	1508.8	1559.7
-3.75°	718.0	810.7	909.7	1010.9	1111.8	1208.2	1295.1	1371.0	1435.1	1492.1	1542.6
-5°	699.9	791.4	887.0	986.5	1086.2	1181.8	1269.6	1345.9	1411.6	1468.8	1519.6
-6.25°	676.9	766.9	858.3	955.8	1053.0	1147.8	1237.0	1314.7	1381.7	1438.8	1489.1
-7.5°	649.1	737.4	825.0	919.2	1013.4	1106.4	1194.6	1274.2	1343.1	1401.9	1452.2
-8.75°	620.1	703.3	788.8	876.9	968.2	1058.4	1145.3	1226.2	1296.9	1357.6	1408.8
-10°	587.4	664.8	748.1	830.0	917.8	1004.3	1089.2	1169.1	1242.4	1304.5	1357.6
-11.25°	551.2	624.8	703.1	782.5	862.6	945.7	1026.6	1104.4	1176.7	1242.4	1296.9
-12.5°	511.6	583.2	654.2	731.0	805.9	882.8	959.9	1034.1	1104.4	1169.1	1226.2
-13.75°	469.7	538.4	606.5	675.9	748.0	817.7	889.6	959.9	1026.6	1089.2	1145.3
-15°	427.6	490.8	556.6	620.7	686.9	753.7	817.7	882.8	945.7	1004.3	1058.4
-16.25°	383.1	443.3	504.0	565.7	625.4	686.9	748.0	805.9	862.6	917.8	968.2
-17.5°	338.2	394.5	451.2	508.4	565.7	620.7	675.9	731.0	782.5	830.0	876.9
-18.75°	294.9	344.8	398.4	451.2	504.0	556.6	606.5	654.2	703.1	748.1	788.8
-20°	254.2	297.9	344.8	394.5	443.3	490.8	538.4	583.2	624.8	664.8	703.3
-21.25°	219.2	254.2	294.9	338.2	383.1	427.6	469.7	511.6	551.2	587.4	620.1



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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°	190.2	217.0	248.6	286.2	325.0	364.1	404.3	441.9	476.7	510.9	541.9
-23.75°	163.5	187.0	210.4	239.3	271.9	305.4	339.6	373.8	406.9	437.1	464.3
-25°	136.2	158.9	180.6	201.4	226.0	252.0	281.5	310.2	338.3	365.2	391.0
-26.25°	117.9	130.9	151.1	171.1	190.1	208.4	231.0	253.1	277.3	299.4	321.3
-27.5°	100.9	113.5	125.5	140.3	158.6	175.8	192.0	207.0	225.3	242.1	259.5
-28.75°	84.8	95.8	107.4	118.4	128.9	143.2	158.7	173.0	186.2	198.1	209.4
-30°	72.7	80.7	88.9	99.6	109.6	119.1	127.9	138.9	151.4	162.9	173.0
-31.25°	60.4	68.2	75.6	82.6	90.2	99.3	107.7	115.6	122.8	129.3	137.1
-32.5°	51.1	55.8	62.6	69.4	75.8	81.8	87.4	94.9	101.8	108.1	113.6
-33.75°	43.3	47.8	52.1	56.1	62.1	67.9	73.3	78.3	82.8	86.9	92.0
-35°	36.0	39.7	43.8	47.7	51.4	54.9	59.1	63.9	68.2	72.2	75.7
-36.25°	31.2	33.7	36.1	39.2	42.8	46.1	49.2	52.1	54.7	57.4	60.7
-37.5°	26.3	28.8	31.1	33.2	35.3	37.3	40.3	43.0	45.5	47.8	49.8
-38.75°	22.8	24.3	26.0	28.1	30.0	31.9	33.6	35.2	36.6	38.5	40.4
-40°	19.5	21.0	22.4	23.8	25.0	26.6	28.2	29.7	31.1	32.3	33.4
-41.25°	16.8	17.7	19.0	20.3	21.5	22.6	23.7	24.7	25.5	26.7	27.8
-42.5°	14.8	15.6	16.4	17.2	18.0	19.1	20.1	21.0	21.8	22.6	23.3
-43.75°	12.9	13.6	14.3	15.1	15.7	16.4	17.0	17.5	18.1	18.9	19.5
-45°	11.9	12.3	12.7	13.0	13.6	14.2	14.8	15.3	15.7	16.2	16.6
-46.25°	10.9	11.3	11.6	12.0	12.3	12.6	12.8	13.1	13.5	13.9	14.3
-47.5°	10.2	10.4	10.7	10.9	11.2	11.5	11.7	12.0	12.2	12.4	12.5
-48.75°	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.9	11.1	11.3	11.4
-50°	9.3	9.3	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.4	10.5
-51.25°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.6	9.7
-52.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-53.75°	8.8	8.9	9.0	9.1	9.2	9.2	9.3	9.3	9.3	9.3	9.3
-55°	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2
-56.25°	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.6	8.7	8.7	8.8
-57.5°	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.2	8.3	8.3	8.4
-58.75°	7.4	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0
-60°	7.1	7.1	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.6	7.6
-61.25°	6.7	6.8	6.9	6.9	7.0	7.1	7.1	7.1	7.2	7.2	7.2
-62.5°	6.4	6.4	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9
-63.75°	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5
-65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-66.25°	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-67.5°	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
-68.75°	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7
-70°	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3
-71.25°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-73.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-75°	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5
-76.25°	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
-77.5°	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9



REPORT NUMBER: P220326 (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°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
-80°	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
-81.25°	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7
-82.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
-83.75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
-85°	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
81.25°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
80°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
78.75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
77.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
76.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4.2
75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
73.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
71.25°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
70°	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
68.75°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
66.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
63.75°	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
62.5°	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
61.25°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
60°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
58.75°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
57.5°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
56.25°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
55°	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
53.75°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
52.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
51.25°	9.8	9.9	9.9	10.0	10.0	10.0	10.1	10.0	10.0	10.0	9.9
50°	10.6	10.6	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.7
48.75°	11.6	11.7	11.8	11.9	11.9	11.9	12.0	11.9	11.9	11.9	11.8
47.5°	12.7	12.8	12.9	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9
46.25°	14.6	14.8	15.1	15.2	15.4	15.4	15.5	15.4	15.4	15.2	15.1
45°	16.9	17.2	17.4	17.6	17.7	17.8	17.8	17.8	17.7	17.6	17.4
43.75°	20.1	20.6	20.9	21.3	21.5	21.6	21.7	21.6	21.5	21.3	20.9
42.5°	23.9	24.4	24.8	25.1	25.3	25.5	25.5	25.5	25.3	25.1	24.8
41.25°	28.7	29.5	30.1	30.7	31.0	31.2	31.3	31.2	31.0	30.7	30.1
40°	34.4	35.2	35.9	36.4	36.8	37.0	37.1	37.0	36.8	36.4	35.9
38.75°	42.1	43.5	44.7	45.6	46.2	46.6	46.8	46.6	46.2	45.6	44.7
37.5°	51.5	53.0	54.2	55.2	55.9	56.3	56.4	56.3	55.9	55.2	54.2
36.25°	63.7	66.1	68.2	69.8	70.9	71.6	71.9	71.6	70.9	69.8	68.2
35°	78.7	81.3	83.5	85.1	86.3	87.1	87.3	87.1	86.3	85.1	83.5

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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°	96.7	100.6	103.9	106.4	108.2	109.3	109.7	109.3	108.2	106.4	103.9
32.5°	118.5	122.6	126.0	128.7	130.6	131.7	132.1	131.7	130.6	128.7	126.0
31.25°	145.6	152.9	158.9	163.6	166.9	168.9	169.6	168.9	166.9	163.6	158.9
30°	181.9	189.6	195.8	200.7	204.3	206.4	207.1	206.4	204.3	200.7	195.8
28.75°	221.9	232.6	241.4	248.6	254.8	258.5	259.8	258.5	254.8	248.6	241.4
27.5°	276.0	290.0	302.1	312.2	319.4	323.8	325.3	323.8	319.4	312.2	302.1
26.25°	340.4	357.3	372.6	384.5	393.1	398.2	400.0	398.2	393.1	384.5	372.6
25°	413.6	433.1	449.2	461.8	470.9	476.4	478.2	476.4	470.9	461.8	449.2
23.75°	489.0	511.2	529.6	544.0	554.4	560.7	562.8	560.7	554.4	544.0	529.6
22.5°	569.2	592.7	612.2	627.5	638.5	645.2	647.4	645.2	638.5	627.5	612.2
21.25°	649.1	676.9	699.9	718.0	731.1	739.0	741.7	739.0	731.1	718.0	699.9
20°	737.4	766.9	791.4	810.7	824.6	833.1	835.9	833.1	824.6	810.7	791.4
18.75°	825.0	858.3	887.0	909.7	926.0	936.0	939.3	936.0	926.0	909.7	887.0
17.5°	919.2	955.8	986.5	1010.9	1028.6	1039.4	1043.0	1039.4	1028.6	1010.9	986.5
16.25°	1013.4	1053.0	1086.2	1111.8	1130.4	1141.7	1145.5	1141.7	1130.4	1111.8	1086.2
15°	1106.4	1147.8	1181.8	1208.2	1227.5	1239.2	1243.1	1239.2	1227.5	1208.2	1181.8
13.75°	1194.6	1237.0	1269.6	1295.1	1313.6	1323.8	1327.3	1323.8	1313.6	1295.1	1269.6
12.5°	1274.2	1314.7	1345.9	1371.0	1387.5	1397.3	1400.7	1397.3	1387.5	1371.0	1345.9
11.25°	1343.1	1381.7	1411.6	1435.1	1451.4	1461.4	1464.8	1461.4	1451.4	1435.1	1411.6
10°	1401.9	1438.8	1468.8	1492.1	1508.8	1519.2	1522.7	1519.2	1508.8	1492.1	1468.8
8.75°	1452.2	1489.1	1519.6	1542.6	1559.7	1569.8	1573.2	1569.8	1559.7	1542.6	1519.6
7.5°	1495.8	1532.9	1563.5	1587.2	1604.5	1613.6	1616.7	1613.6	1604.5	1587.2	1563.5
6.25°	1532.9	1570.1	1601.7	1623.1	1636.9	1643.8	1646.2	1643.8	1636.9	1623.1	1601.7
5°	1563.5	1601.7	1629.7	1646.2	1654.8	1658.9	1660.3	1658.9	1654.8	1646.2	1629.7
3.75°	1587.2	1623.1	1646.2	1657.5	1660.6	1660.8	1659.9	1660.8	1660.6	1657.5	1646.2
2.5°	1604.5	1636.9	1654.8	1660.6	1658.9	1655.6	1654.5	1655.6	1658.9	1660.6	1654.8
1.25°	1613.6	1643.8	1658.9	1660.8	1655.6	1652.9	1653.7	1652.9	1655.6	1660.8	1658.9
0°	1616.7	1646.2	1660.3	1659.9	1654.5	1653.7	1657.9	1653.7	1654.5	1659.9	1660.3
-1.25°	1613.6	1643.8	1658.9	1660.8	1655.6	1652.9	1653.7	1652.9	1655.6	1660.8	1658.9
-2.5°	1604.5	1636.9	1654.8	1660.6	1658.9	1655.6	1654.5	1655.6	1658.9	1660.6	1654.8
-3.75°	1587.2	1623.1	1646.2	1657.5	1660.6	1660.8	1659.9	1660.8	1660.6	1657.5	1646.2
-5°	1563.5	1601.7	1629.7	1646.2	1654.8	1658.9	1660.3	1658.9	1654.8	1646.2	1629.7
-6.25°	1532.9	1570.1	1601.7	1623.1	1636.9	1643.8	1646.2	1643.8	1636.9	1623.1	1601.7
-7.5°	1495.8	1532.9	1563.5	1587.2	1604.5	1613.6	1616.7	1613.6	1604.5	1587.2	1563.5
-8.75°	1452.2	1489.1	1519.6	1542.6	1559.7	1569.8	1573.2	1569.8	1559.7	1542.6	1519.6
-10°	1401.9	1438.8	1468.8	1492.1	1508.8	1519.2	1522.7	1519.2	1508.8	1492.1	1468.8
-11.25°	1343.1	1381.7	1411.6	1435.1	1451.4	1461.4	1464.8	1461.4	1451.4	1435.1	1411.6
-12.5°	1274.2	1314.7	1345.9	1371.0	1387.5	1397.3	1400.7	1397.3	1387.5	1371.0	1345.9
-13.75°	1194.6	1237.0	1269.6	1295.1	1313.6	1323.8	1327.3	1323.8	1313.6	1295.1	1269.6
-15°	1106.4	1147.8	1181.8	1208.2	1227.5	1239.2	1243.1	1239.2	1227.5	1208.2	1181.8
-16.25°	1013.4	1053.0	1086.2	1111.8	1130.4	1141.7	1145.5	1141.7	1130.4	1111.8	1086.2
-17.5°	919.2	955.8	986.5	1010.9	1028.6	1039.4	1043.0	1039.4	1028.6	1010.9	986.5
-18.75°	825.0	858.3	887.0	909.7	926.0	936.0	939.3	936.0	926.0	909.7	887.0
-20°	737.4	766.9	791.4	810.7	824.6	833.1	835.9	833.1	824.6	810.7	791.4
-21.25°	649.1	676.9	699.9	718.0	731.1	739.0	741.7	739.0	731.1	718.0	699.9



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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°	569.2	592.7	612.2	627.5	638.5	645.2	647.4	645.2	638.5	627.5	612.2
-23.75°	489.0	511.2	529.6	544.0	554.4	560.7	562.8	560.7	554.4	544.0	529.6
-25°	413.6	433.1	449.2	461.8	470.9	476.4	478.2	476.4	470.9	461.8	449.2
-26.25°	340.4	357.3	372.6	384.5	393.1	398.2	400.0	398.2	393.1	384.5	372.6
-27.5°	276.0	290.0	302.1	312.2	319.4	323.8	325.3	323.8	319.4	312.2	302.1
-28.75°	221.9	232.6	241.4	248.6	254.8	258.5	259.8	258.5	254.8	248.6	241.4
-30°	181.9	189.6	195.8	200.7	204.3	206.4	207.1	206.4	204.3	200.7	195.8
-31.25°	145.6	152.9	158.9	163.6	166.9	168.9	169.6	168.9	166.9	163.6	158.9
-32.5°	118.5	122.6	126.0	128.7	130.6	131.7	132.1	131.7	130.6	128.7	126.0
-33.75°	96.7	100.6	103.9	106.4	108.2	109.3	109.7	109.3	108.2	106.4	103.9
-35°	78.7	81.3	83.5	85.1	86.3	87.1	87.3	87.1	86.3	85.1	83.5
-36.25°	63.7	66.1	68.2	69.8	70.9	71.6	71.9	71.6	70.9	69.8	68.2
-37.5°	51.5	53.0	54.2	55.2	55.9	56.3	56.4	56.3	55.9	55.2	54.2
-38.75°	42.1	43.5	44.7	45.6	46.2	46.6	46.8	46.6	46.2	45.6	44.7
-40°	34.4	35.2	35.9	36.4	36.8	37.0	37.1	37.0	36.8	36.4	35.9
-41.25°	28.7	29.5	30.1	30.7	31.0	31.2	31.3	31.2	31.0	30.7	30.1
-42.5°	23.9	24.4	24.8	25.1	25.3	25.5	25.5	25.5	25.3	25.1	24.8
-43.75°	20.1	20.6	20.9	21.3	21.5	21.6	21.7	21.6	21.5	21.3	20.9
-45°	16.9	17.2	17.4	17.6	17.7	17.8	17.8	17.8	17.7	17.6	17.4
-46.25°	14.6	14.8	15.1	15.2	15.4	15.4	15.5	15.4	15.4	15.2	15.1
-47.5°	12.7	12.8	12.9	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9
-48.75°	11.6	11.7	11.8	11.9	11.9	11.9	12.0	11.9	11.9	11.9	11.8
-50°	10.6	10.6	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.7
-51.25°	9.8	9.9	9.9	10.0	10.0	10.0	10.1	10.0	10.0	10.0	9.9
-52.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-53.75°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-55°	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-56.25°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-57.5°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-58.75°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
-60°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
-61.25°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
-62.5°	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-63.75°	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-66.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-67.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-68.75°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-70°	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
-71.25°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-73.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-76.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4.2
-77.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9



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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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-80°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
-81.25°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
82.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
81.25°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6
80°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9
78.75°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
77.5°	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7
76.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0
75°	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4
73.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
71.25°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
70°	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0
68.75°	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.4
67.5°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8
66.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
63.75°	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.2
62.5°	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5
61.25°	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.9	6.9
60°	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2
58.75°	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5
57.5°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9
56.25°	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.3
55°	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8	8.7	8.6
53.75°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.1	9.0
52.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
51.25°	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.3	9.3	9.3
50°	10.6	10.6	10.5	10.4	10.2	10.1	10.0	9.8	9.7	9.5	9.3
48.75°	11.7	11.6	11.4	11.3	11.1	10.9	10.7	10.5	10.4	10.2	10.0
47.5°	12.8	12.7	12.5	12.4	12.2	12.0	11.7	11.5	11.2	10.9	10.7
46.25°	14.8	14.6	14.3	13.9	13.5	13.1	12.8	12.6	12.3	12.0	11.6
45°	17.2	16.9	16.6	16.2	15.7	15.3	14.8	14.2	13.6	13.0	12.7
43.75°	20.6	20.1	19.5	18.9	18.1	17.5	17.0	16.4	15.7	15.1	14.3
42.5°	24.4	23.9	23.3	22.6	21.8	21.0	20.1	19.1	18.0	17.2	16.4
41.25°	29.5	28.7	27.8	26.7	25.5	24.7	23.7	22.6	21.5	20.3	19.0
40°	35.2	34.4	33.4	32.3	31.1	29.7	28.2	26.6	25.0	23.8	22.4
38.75°	43.5	42.1	40.4	38.5	36.6	35.2	33.6	31.9	30.0	28.1	26.0
37.5°	53.0	51.5	49.8	47.8	45.5	43.0	40.3	37.3	35.3	33.2	31.1
36.25°	66.1	63.7	60.7	57.4	54.7	52.1	49.2	46.1	42.8	39.2	36.1
35°	81.3	78.7	75.7	72.2	68.2	63.9	59.1	54.9	51.4	47.7	43.8



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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°	100.6	96.7	92.0	86.9	82.8	78.3	73.3	67.9	62.1	56.1	52.1
32.5°	122.6	118.5	113.6	108.1	101.8	94.9	87.4	81.8	75.8	69.4	62.6
31.25°	152.9	145.6	137.1	129.3	122.8	115.6	107.7	99.3	90.2	82.6	75.6
30°	189.6	181.9	173.0	162.9	151.4	138.9	127.9	119.1	109.6	99.6	88.9
28.75°	232.6	221.9	209.4	198.1	186.2	173.0	158.7	143.2	128.9	118.4	107.4
27.5°	290.0	276.0	259.5	242.1	225.3	207.0	192.0	175.8	158.6	140.3	125.5
26.25°	357.3	340.4	321.3	299.4	277.3	253.1	231.0	208.4	190.1	171.1	151.1
25°	433.1	413.6	391.0	365.2	338.3	310.2	281.5	252.0	226.0	201.4	180.6
23.75°	511.2	489.0	464.3	437.1	406.9	373.8	339.6	305.4	271.9	239.3	210.4
22.5°	592.7	569.2	541.9	510.9	476.7	441.9	404.3	364.1	325.0	286.2	248.6
21.25°	676.9	649.1	620.1	587.4	551.2	511.6	469.7	427.6	383.1	338.2	294.9
20°	766.9	737.4	703.3	664.8	624.8	583.2	538.4	490.8	443.3	394.5	344.8
18.75°	858.3	825.0	788.8	748.1	703.1	654.2	606.5	556.6	504.0	451.2	398.4
17.5°	955.8	919.2	876.9	830.0	782.5	731.0	675.9	620.7	565.7	508.4	451.2
16.25°	1053.0	1013.4	968.2	917.8	862.6	805.9	748.0	686.9	625.4	565.7	504.0
15°	1147.8	1106.4	1058.4	1004.3	945.7	882.8	817.7	753.7	686.9	620.7	556.6
13.75°	1237.0	1194.6	1145.3	1089.2	1026.6	959.9	889.6	817.7	748.0	675.9	606.5
12.5°	1314.7	1274.2	1226.2	1169.1	1104.4	1034.1	959.9	882.8	805.9	731.0	654.2
11.25°	1381.7	1343.1	1296.9	1242.4	1176.7	1104.4	1026.6	945.7	862.6	782.5	703.1
10°	1438.8	1401.9	1357.6	1304.5	1242.4	1169.1	1089.2	1004.3	917.8	830.0	748.1
8.75°	1489.1	1452.2	1408.8	1357.6	1296.9	1226.2	1145.3	1058.4	968.2	876.9	788.8
7.5°	1532.9	1495.8	1452.2	1401.9	1343.1	1274.2	1194.6	1106.4	1013.4	919.2	825.0
6.25°	1570.1	1532.9	1489.1	1438.8	1381.7	1314.7	1237.0	1147.8	1053.0	955.8	858.3
5°	1601.7	1563.5	1519.6	1468.8	1411.6	1345.9	1269.6	1181.8	1086.2	986.5	887.0
3.75°	1623.1	1587.2	1542.6	1492.1	1435.1	1371.0	1295.1	1208.2	1111.8	1010.9	909.7
2.5°	1636.9	1604.5	1559.7	1508.8	1451.4	1387.5	1313.6	1227.5	1130.4	1028.6	926.0
1.25°	1643.8	1613.6	1569.8	1519.2	1461.4	1397.3	1323.8	1239.2	1141.7	1039.4	936.0
0°	1646.2	1616.7	1573.2	1522.7	1464.8	1400.7	1327.3	1243.1	1145.5	1043.0	939.3
-1.25°	1643.8	1613.6	1569.8	1519.2	1461.4	1397.3	1323.8	1239.2	1141.7	1039.4	936.0
-2.5°	1636.9	1604.5	1559.7	1508.8	1451.4	1387.5	1313.6	1227.5	1130.4	1028.6	926.0
-3.75°	1623.1	1587.2	1542.6	1492.1	1435.1	1371.0	1295.1	1208.2	1111.8	1010.9	909.7
-5°	1601.7	1563.5	1519.6	1468.8	1411.6	1345.9	1269.6	1181.8	1086.2	986.5	887.0
-6.25°	1570.1	1532.9	1489.1	1438.8	1381.7	1314.7	1237.0	1147.8	1053.0	955.8	858.3
-7.5°	1532.9	1495.8	1452.2	1401.9	1343.1	1274.2	1194.6	1106.4	1013.4	919.2	825.0
-8.75°	1489.1	1452.2	1408.8	1357.6	1296.9	1226.2	1145.3	1058.4	968.2	876.9	788.8
-10°	1438.8	1401.9	1357.6	1304.5	1242.4	1169.1	1089.2	1004.3	917.8	830.0	748.1
-11.25°	1381.7	1343.1	1296.9	1242.4	1176.7	1104.4	1026.6	945.7	862.6	782.5	703.1
-12.5°	1314.7	1274.2	1226.2	1169.1	1104.4	1034.1	959.9	882.8	805.9	731.0	654.2
-13.75°	1237.0	1194.6	1145.3	1089.2	1026.6	959.9	889.6	817.7	748.0	675.9	606.5
-15°	1147.8	1106.4	1058.4	1004.3	945.7	882.8	817.7	753.7	686.9	620.7	556.6
-16.25°	1053.0	1013.4	968.2	917.8	862.6	805.9	748.0	686.9	625.4	565.7	504.0
-17.5°	955.8	919.2	876.9	830.0	782.5	731.0	675.9	620.7	565.7	508.4	451.2
-18.75°	858.3	825.0	788.8	748.1	703.1	654.2	606.5	556.6	504.0	451.2	398.4
-20°	766.9	737.4	703.3	664.8	624.8	583.2	538.4	490.8	443.3	394.5	344.8
-21.25°	676.9	649.1	620.1	587.4	551.2	511.6	469.7	427.6	383.1	338.2	294.9



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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°
-22.5°	592.7	569.2	541.9	510.9	476.7	441.9	404.3	364.1	325.0	286.2	248.6
-23.75°	511.2	489.0	464.3	437.1	406.9	373.8	339.6	305.4	271.9	239.3	210.4
-25°	433.1	413.6	391.0	365.2	338.3	310.2	281.5	252.0	226.0	201.4	180.6
-26.25°	357.3	340.4	321.3	299.4	277.3	253.1	231.0	208.4	190.1	171.1	151.1
-27.5°	290.0	276.0	259.5	242.1	225.3	207.0	192.0	175.8	158.6	140.3	125.5
-28.75°	232.6	221.9	209.4	198.1	186.2	173.0	158.7	143.2	128.9	118.4	107.4
-30°	189.6	181.9	173.0	162.9	151.4	138.9	127.9	119.1	109.6	99.6	88.9
-31.25°	152.9	145.6	137.1	129.3	122.8	115.6	107.7	99.3	90.2	82.6	75.6
-32.5°	122.6	118.5	113.6	108.1	101.8	94.9	87.4	81.8	75.8	69.4	62.6
-33.75°	100.6	96.7	92.0	86.9	82.8	78.3	73.3	67.9	62.1	56.1	52.1
-35°	81.3	78.7	75.7	72.2	68.2	63.9	59.1	54.9	51.4	47.7	43.8
-36.25°	66.1	63.7	60.7	57.4	54.7	52.1	49.2	46.1	42.8	39.2	36.1
-37.5°	53.0	51.5	49.8	47.8	45.5	43.0	40.3	37.3	35.3	33.2	31.1
-38.75°	43.5	42.1	40.4	38.5	36.6	35.2	33.6	31.9	30.0	28.1	26.0
-40°	35.2	34.4	33.4	32.3	31.1	29.7	28.2	26.6	25.0	23.8	22.4
-41.25°	29.5	28.7	27.8	26.7	25.5	24.7	23.7	22.6	21.5	20.3	19.0
-42.5°	24.4	23.9	23.3	22.6	21.8	21.0	20.1	19.1	18.0	17.2	16.4
-43.75°	20.6	20.1	19.5	18.9	18.1	17.5	17.0	16.4	15.7	15.1	14.3
-45°	17.2	16.9	16.6	16.2	15.7	15.3	14.8	14.2	13.6	13.0	12.7
-46.25°	14.8	14.6	14.3	13.9	13.5	13.1	12.8	12.6	12.3	12.0	11.6
-47.5°	12.8	12.7	12.5	12.4	12.2	12.0	11.7	11.5	11.2	10.9	10.7
-48.75°	11.7	11.6	11.4	11.3	11.1	10.9	10.7	10.5	10.4	10.2	10.0
-50°	10.6	10.6	10.5	10.4	10.2	10.1	10.0	9.8	9.7	9.5	9.3
-51.25°	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.3	9.3	9.3
-52.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-53.75°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.2	9.1	9.0
-55°	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8	8.7	8.6
-56.25°	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.3
-57.5°	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.0	8.0	7.9
-58.75°	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6	7.5
-60°	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2
-61.25°	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	6.9	6.9
-62.5°	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5
-63.75°	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.2
-65°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-66.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-67.5°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8
-68.75°	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.4
-70°	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0
-71.25°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-73.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-75°	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4
-76.25°	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.0
-77.5°	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
-80°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9
-81.25°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-82.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
-83.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
83.75°	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
82.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
81.25°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3
80°	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
78.75°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9
77.5°	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3
76.25°	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.6
75°	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9
73.75°	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5
71.25°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
70°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.6
68.75°	5.4	5.3	5.3	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
67.5°	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1	5.0
66.25°	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.4
65°	6.2	6.2	6.2	6.2	6.2	6.1	6.0	6.0	5.9	5.8	5.7
63.75°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0
62.5°	6.4	6.4	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
61.25°	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.2	6.2	6.2
60°	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
58.75°	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.7	6.6	6.5
57.5°	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	6.8
56.25°	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.1
55°	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.6	7.5	7.4
53.75°	8.9	8.8	8.7	8.6	8.5	8.3	8.2	8.1	8.0	7.8	7.7
52.5°	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4	8.3	8.1	8.0
51.25°	9.3	9.3	9.3	9.3	9.2	9.0	8.9	8.8	8.6	8.5	8.3
50°	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.1	8.9	8.8	8.6
48.75°	9.8	9.6	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.1	8.9
47.5°	10.4	10.2	10.0	9.7	9.5	9.3	9.3	9.3	9.3	9.3	9.2
46.25°	11.3	10.9	10.6	10.4	10.1	9.8	9.5	9.3	9.3	9.3	9.3
45°	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.3
43.75°	13.6	12.9	12.5	12.1	11.6	11.2	10.7	10.4	10.0	9.7	9.3
42.5°	15.6	14.8	13.9	13.0	12.6	12.1	11.6	11.0	10.6	10.2	9.9
41.25°	17.7	16.8	15.9	15.0	14.0	13.0	12.5	11.9	11.4	10.8	10.4
40°	21.0	19.5	18.0	16.9	15.9	14.8	13.7	12.8	12.2	11.6	11.0
38.75°	24.3	22.8	21.2	19.5	17.8	16.6	15.5	14.3	13.1	12.5	11.8
37.5°	28.8	26.3	24.4	22.6	20.8	18.9	17.3	16.1	14.8	13.5	12.6
36.25°	33.7	31.2	28.6	25.8	23.8	21.9	19.9	17.8	16.5	15.1	13.8
35°	39.7	36.0	33.3	30.5	27.5	24.8	22.7	20.6	18.4	16.8	15.4



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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°
33.75°	47.8	43.3	38.6	35.0	32.0	28.8	25.6	23.3	21.1	18.7	16.9
32.5°	55.8	51.1	46.3	41.2	36.4	33.2	29.8	26.3	23.7	21.3	18.9
31.25°	68.2	60.4	53.9	48.6	43.2	37.6	33.9	30.4	26.7	23.8	21.3
30°	80.7	72.7	64.3	55.9	50.3	44.5	38.6	34.3	30.6	26.7	23.7
28.75°	95.8	84.8	76.1	67.1	57.8	51.3	45.2	38.9	34.3	30.4	26.3
27.5°	113.5	100.9	87.9	78.4	68.8	58.9	51.7	45.2	38.6	33.9	29.8
26.25°	130.9	117.9	104.4	90.5	79.6	69.4	58.9	51.3	44.5	37.6	33.2
25°	158.9	136.2	120.6	106.2	91.3	79.6	68.8	57.8	50.3	43.2	36.4
23.75°	187.0	163.5	139.3	121.5	106.2	90.5	78.4	67.1	55.9	48.6	41.2
22.5°	217.0	190.2	165.1	139.3	120.6	104.4	87.9	76.1	64.3	53.9	46.3
21.25°	254.2	219.2	190.2	163.5	136.2	117.9	100.9	84.8	72.7	60.4	51.1
20°	297.9	254.2	217.0	187.0	158.9	130.9	113.5	95.8	80.7	68.2	55.8
18.75°	344.8	294.9	248.6	210.4	180.6	151.1	125.5	107.4	88.9	75.6	62.6
17.5°	394.5	338.2	286.2	239.3	201.4	171.1	140.3	118.4	99.6	82.6	69.4
16.25°	443.3	383.1	325.0	271.9	226.0	190.1	158.6	128.9	109.6	90.2	75.8
15°	490.8	427.6	364.1	305.4	252.0	208.4	175.8	143.2	119.1	99.3	81.8
13.75°	538.4	469.7	404.3	339.6	281.5	231.0	192.0	158.7	127.9	107.7	87.4
12.5°	583.2	511.6	441.9	373.8	310.2	253.1	207.0	173.0	138.9	115.6	94.9
11.25°	624.8	551.2	476.7	406.9	338.3	277.3	225.3	186.2	151.4	122.8	101.8
10°	664.8	587.4	510.9	437.1	365.2	299.4	242.1	198.1	162.9	129.3	108.1
8.75°	703.3	620.1	541.9	464.3	391.0	321.3	259.5	209.4	173.0	137.1	113.6
7.5°	737.4	649.1	569.2	489.0	413.6	340.4	276.0	221.9	181.9	145.6	118.5
6.25°	766.9	676.9	592.7	511.2	433.1	357.3	290.0	232.6	189.6	152.9	122.6
5°	791.4	699.9	612.2	529.6	449.2	372.6	302.1	241.4	195.8	158.9	126.0
3.75°	810.7	718.0	627.5	544.0	461.8	384.5	312.2	248.6	200.7	163.6	128.7
2.5°	824.6	731.1	638.5	554.4	470.9	393.1	319.4	254.8	204.3	166.9	130.6
1.25°	833.1	739.0	645.2	560.7	476.4	398.2	323.8	258.5	206.4	168.9	131.7
0°	835.9	741.7	647.4	562.8	478.2	400.0	325.3	259.8	207.1	169.6	132.1
-1.25°	833.1	739.0	645.2	560.7	476.4	398.2	323.8	258.5	206.4	168.9	131.7
-2.5°	824.6	731.1	638.5	554.4	470.9	393.1	319.4	254.8	204.3	166.9	130.6
-3.75°	810.7	718.0	627.5	544.0	461.8	384.5	312.2	248.6	200.7	163.6	128.7
-5°	791.4	699.9	612.2	529.6	449.2	372.6	302.1	241.4	195.8	158.9	126.0
-6.25°	766.9	676.9	592.7	511.2	433.1	357.3	290.0	232.6	189.6	152.9	122.6
-7.5°	737.4	649.1	569.2	489.0	413.6	340.4	276.0	221.9	181.9	145.6	118.5
-8.75°	703.3	620.1	541.9	464.3	391.0	321.3	259.5	209.4	173.0	137.1	113.6
-10°	664.8	587.4	510.9	437.1	365.2	299.4	242.1	198.1	162.9	129.3	108.1
-11.25°	624.8	551.2	476.7	406.9	338.3	277.3	225.3	186.2	151.4	122.8	101.8
-12.5°	583.2	511.6	441.9	373.8	310.2	253.1	207.0	173.0	138.9	115.6	94.9
-13.75°	538.4	469.7	404.3	339.6	281.5	231.0	192.0	158.7	127.9	107.7	87.4
-15°	490.8	427.6	364.1	305.4	252.0	208.4	175.8	143.2	119.1	99.3	81.8
-16.25°	443.3	383.1	325.0	271.9	226.0	190.1	158.6	128.9	109.6	90.2	75.8
-17.5°	394.5	338.2	286.2	239.3	201.4	171.1	140.3	118.4	99.6	82.6	69.4
-18.75°	344.8	294.9	248.6	210.4	180.6	151.1	125.5	107.4	88.9	75.6	62.6
-20°	297.9	254.2	217.0	187.0	158.9	130.9	113.5	95.8	80.7	68.2	55.8
-21.25°	254.2	219.2	190.2	163.5	136.2	117.9	100.9	84.8	72.7	60.4	51.1



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	217.0	190.2	165.1	139.3	120.6	104.4	87.9	76.1	64.3	53.9	46.3
-23.75°	187.0	163.5	139.3	121.5	106.2	90.5	78.4	67.1	55.9	48.6	41.2
-25°	158.9	136.2	120.6	106.2	91.3	79.6	68.8	57.8	50.3	43.2	36.4
-26.25°	130.9	117.9	104.4	90.5	79.6	69.4	58.9	51.3	44.5	37.6	33.2
-27.5°	113.5	100.9	87.9	78.4	68.8	58.9	51.7	45.2	38.6	33.9	29.8
-28.75°	95.8	84.8	76.1	67.1	57.8	51.3	45.2	38.9	34.3	30.4	26.3
-30°	80.7	72.7	64.3	55.9	50.3	44.5	38.6	34.3	30.6	26.7	23.7
-31.25°	68.2	60.4	53.9	48.6	43.2	37.6	33.9	30.4	26.7	23.8	21.3
-32.5°	55.8	51.1	46.3	41.2	36.4	33.2	29.8	26.3	23.7	21.3	18.9
-33.75°	47.8	43.3	38.6	35.0	32.0	28.8	25.6	23.3	21.1	18.7	16.9
-35°	39.7	36.0	33.3	30.5	27.5	24.8	22.7	20.6	18.4	16.8	15.4
-36.25°	33.7	31.2	28.6	25.8	23.8	21.9	19.9	17.8	16.5	15.1	13.8
-37.5°	28.8	26.3	24.4	22.6	20.8	18.9	17.3	16.1	14.8	13.5	12.6
-38.75°	24.3	22.8	21.2	19.5	17.8	16.6	15.5	14.3	13.1	12.5	11.8
-40°	21.0	19.5	18.0	16.9	15.9	14.8	13.7	12.8	12.2	11.6	11.0
-41.25°	17.7	16.8	15.9	15.0	14.0	13.0	12.5	11.9	11.4	10.8	10.4
-42.5°	15.6	14.8	13.9	13.0	12.6	12.1	11.6	11.0	10.6	10.2	9.9
-43.75°	13.6	12.9	12.5	12.1	11.6	11.2	10.7	10.4	10.0	9.7	9.3
-45°	12.3	11.9	11.5	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.3
-46.25°	11.3	10.9	10.6	10.4	10.1	9.8	9.5	9.3	9.3	9.3	9.3
-47.5°	10.4	10.2	10.0	9.7	9.5	9.3	9.3	9.3	9.3	9.3	9.2
-48.75°	9.8	9.6	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.1	8.9
-50°	9.3	9.3	9.3	9.3	9.3	9.3	9.2	9.1	8.9	8.8	8.6
-51.25°	9.3	9.3	9.3	9.3	9.2	9.0	8.9	8.8	8.6	8.5	8.3
-52.5°	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4	8.3	8.1	8.0
-53.75°	8.9	8.8	8.7	8.6	8.5	8.3	8.2	8.1	8.0	7.8	7.7
-55°	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.6	7.5	7.4
-56.25°	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.1
-57.5°	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	6.8
-58.75°	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.7	6.6	6.5
-60°	7.1	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
-61.25°	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.2	6.2	6.2
-62.5°	6.4	6.4	6.3	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-63.75°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.0
-65°	6.2	6.2	6.2	6.2	6.2	6.1	6.0	6.0	5.9	5.8	5.7
-66.25°	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4	5.4
-67.5°	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1	5.0
-68.75°	5.4	5.3	5.3	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
-70°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.6	4.6
-71.25°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5
-73.75°	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2
-75°	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9
-76.25°	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.6
-77.5°	3.7	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9
-80°	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
-81.25°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3	2.3
-82.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
-83.75°	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
-85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3
-86.25°	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8
85°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
83.75°	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
82.5°	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
81.25°	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8
80°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
78.75°	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.5	2.5	2.4	2.4
77.5°	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7
76.25°	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9
75°	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.3	3.2
73.75°	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5
72.5°	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7
71.25°	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0
70°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.3	4.2
68.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5
67.5°	4.9	4.8	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6
66.25°	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.6	4.6	4.6	4.6
65°	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.8	4.7	4.6	4.6
63.75°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.8	4.7
62.5°	6.2	6.1	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.0
61.25°	6.2	6.2	6.2	6.2	6.1	5.9	5.8	5.6	5.5	5.4	5.2
60°	6.2	6.2	6.2	6.2	6.2	6.2	6.1	5.9	5.8	5.6	5.5
58.75°	6.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.0	5.9	5.7
57.5°	6.7	6.6	6.4	6.3	6.2	6.2	6.2	6.2	6.2	6.1	6.0
56.25°	7.0	6.9	6.7	6.6	6.4	6.3	6.2	6.2	6.2	6.2	6.2
55°	7.3	7.1	7.0	6.9	6.7	6.5	6.4	6.2	6.2	6.2	6.2
53.75°	7.5	7.4	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.2	6.2
52.5°	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.4	6.2
51.25°	8.1	8.0	7.8	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4
50°	8.4	8.3	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.9	6.6
48.75°	8.7	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.3	7.1	6.9
47.5°	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3	7.1
46.25°	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3
45°	9.3	9.3	9.2	9.0	8.8	8.6	8.4	8.2	7.9	7.7	7.5
43.75°	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.7
42.5°	9.5	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	7.9
41.25°	10.0	9.6	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.1
40°	10.5	10.1	9.7	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.3
38.75°	11.2	10.6	10.2	9.7	9.3	9.3	9.3	9.3	9.1	8.8	8.5
37.5°	12.0	11.3	10.7	10.2	9.7	9.3	9.3	9.3	9.3	9.0	8.7
36.25°	12.7	12.0	11.3	10.7	10.2	9.7	9.3	9.3	9.3	9.2	8.9
35°	13.9	12.8	12.0	11.3	10.6	10.1	9.6	9.3	9.3	9.3	9.1



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	15.4	13.9	12.7	12.0	11.2	10.5	10.0	9.5	9.3	9.3	9.3
32.5°	16.9	15.4	13.8	12.6	11.8	11.0	10.4	9.9	9.3	9.3	9.3
31.25°	18.7	16.8	15.1	13.5	12.5	11.6	10.8	10.2	9.7	9.3	9.3
30°	21.1	18.4	16.5	14.8	13.1	12.2	11.4	10.6	10.0	9.5	9.3
28.75°	23.3	20.6	17.8	16.1	14.3	12.8	11.9	11.0	10.4	9.8	9.3
27.5°	25.6	22.7	19.9	17.3	15.5	13.7	12.5	11.6	10.7	10.1	9.5
26.25°	28.8	24.8	21.9	18.9	16.6	14.8	13.0	12.1	11.2	10.4	9.8
25°	32.0	27.5	23.8	20.8	17.8	15.9	14.0	12.6	11.6	10.7	10.1
23.75°	35.0	30.5	25.8	22.6	19.5	16.9	15.0	13.0	12.1	11.1	10.4
22.5°	38.6	33.3	28.6	24.4	21.2	18.0	15.9	13.9	12.5	11.5	10.6
21.25°	43.3	36.0	31.2	26.3	22.8	19.5	16.8	14.8	12.9	11.9	10.9
20°	47.8	39.7	33.7	28.8	24.3	21.0	17.7	15.6	13.6	12.3	11.3
18.75°	52.1	43.8	36.1	31.1	26.0	22.4	19.0	16.4	14.3	12.7	11.6
17.5°	56.1	47.7	39.2	33.2	28.1	23.8	20.3	17.2	15.1	13.0	12.0
16.25°	62.1	51.4	42.8	35.3	30.0	25.0	21.5	18.0	15.7	13.6	12.3
15°	67.9	54.9	46.1	37.3	31.9	26.6	22.6	19.1	16.4	14.2	12.6
13.75°	73.3	59.1	49.2	40.3	33.6	28.2	23.7	20.1	17.0	14.8	12.8
12.5°	78.3	63.9	52.1	43.0	35.2	29.7	24.7	21.0	17.5	15.3	13.1
11.25°	82.8	68.2	54.7	45.5	36.6	31.1	25.5	21.8	18.1	15.7	13.5
10°	86.9	72.2	57.4	47.8	38.5	32.3	26.7	22.6	18.9	16.2	13.9
8.75°	92.0	75.7	60.7	49.8	40.4	33.4	27.8	23.3	19.5	16.6	14.3
7.5°	96.7	78.7	63.7	51.5	42.1	34.4	28.7	23.9	20.1	16.9	14.6
6.25°	100.6	81.3	66.1	53.0	43.5	35.2	29.5	24.4	20.6	17.2	14.8
5°	103.9	83.5	68.2	54.2	44.7	35.9	30.1	24.8	20.9	17.4	15.1
3.75°	106.4	85.1	69.8	55.2	45.6	36.4	30.7	25.1	21.3	17.6	15.2
2.5°	108.2	86.3	70.9	55.9	46.2	36.8	31.0	25.3	21.5	17.7	15.4
1.25°	109.3	87.1	71.6	56.3	46.6	37.0	31.2	25.5	21.6	17.8	15.4
0°	109.7	87.3	71.9	56.4	46.8	37.1	31.3	25.5	21.7	17.8	15.5
-1.25°	109.3	87.1	71.6	56.3	46.6	37.0	31.2	25.5	21.6	17.8	15.4
-2.5°	108.2	86.3	70.9	55.9	46.2	36.8	31.0	25.3	21.5	17.7	15.4
-3.75°	106.4	85.1	69.8	55.2	45.6	36.4	30.7	25.1	21.3	17.6	15.2
-5°	103.9	83.5	68.2	54.2	44.7	35.9	30.1	24.8	20.9	17.4	15.1
-6.25°	100.6	81.3	66.1	53.0	43.5	35.2	29.5	24.4	20.6	17.2	14.8
-7.5°	96.7	78.7	63.7	51.5	42.1	34.4	28.7	23.9	20.1	16.9	14.6
-8.75°	92.0	75.7	60.7	49.8	40.4	33.4	27.8	23.3	19.5	16.6	14.3
-10°	86.9	72.2	57.4	47.8	38.5	32.3	26.7	22.6	18.9	16.2	13.9
-11.25°	82.8	68.2	54.7	45.5	36.6	31.1	25.5	21.8	18.1	15.7	13.5
-12.5°	78.3	63.9	52.1	43.0	35.2	29.7	24.7	21.0	17.5	15.3	13.1
-13.75°	73.3	59.1	49.2	40.3	33.6	28.2	23.7	20.1	17.0	14.8	12.8
-15°	67.9	54.9	46.1	37.3	31.9	26.6	22.6	19.1	16.4	14.2	12.6
-16.25°	62.1	51.4	42.8	35.3	30.0	25.0	21.5	18.0	15.7	13.6	12.3
-17.5°	56.1	47.7	39.2	33.2	28.1	23.8	20.3	17.2	15.1	13.0	12.0
-18.75°	52.1	43.8	36.1	31.1	26.0	22.4	19.0	16.4	14.3	12.7	11.6
-20°	47.8	39.7	33.7	28.8	24.3	21.0	17.7	15.6	13.6	12.3	11.3
-21.25°	43.3	36.0	31.2	26.3	22.8	19.5	16.8	14.8	12.9	11.9	10.9



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	38.6	33.3	28.6	24.4	21.2	18.0	15.9	13.9	12.5	11.5	10.6
-23.75°	35.0	30.5	25.8	22.6	19.5	16.9	15.0	13.0	12.1	11.1	10.4
-25°	32.0	27.5	23.8	20.8	17.8	15.9	14.0	12.6	11.6	10.7	10.1
-26.25°	28.8	24.8	21.9	18.9	16.6	14.8	13.0	12.1	11.2	10.4	9.8
-27.5°	25.6	22.7	19.9	17.3	15.5	13.7	12.5	11.6	10.7	10.1	9.5
-28.75°	23.3	20.6	17.8	16.1	14.3	12.8	11.9	11.0	10.4	9.8	9.3
-30°	21.1	18.4	16.5	14.8	13.1	12.2	11.4	10.6	10.0	9.5	9.3
-31.25°	18.7	16.8	15.1	13.5	12.5	11.6	10.8	10.2	9.7	9.3	9.3
-32.5°	16.9	15.4	13.8	12.6	11.8	11.0	10.4	9.9	9.3	9.3	9.3
-33.75°	15.4	13.9	12.7	12.0	11.2	10.5	10.0	9.5	9.3	9.3	9.3
-35°	13.9	12.8	12.0	11.3	10.6	10.1	9.6	9.3	9.3	9.3	9.1
-36.25°	12.7	12.0	11.3	10.7	10.2	9.7	9.3	9.3	9.3	9.2	8.9
-37.5°	12.0	11.3	10.7	10.2	9.7	9.3	9.3	9.3	9.3	9.0	8.7
-38.75°	11.2	10.6	10.2	9.7	9.3	9.3	9.3	9.3	9.1	8.8	8.5
-40°	10.5	10.1	9.7	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.3
-41.25°	10.0	9.6	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.1
-42.5°	9.5	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	7.9
-43.75°	9.3	9.3	9.3	9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.7
-45°	9.3	9.3	9.2	9.0	8.8	8.6	8.4	8.2	7.9	7.7	7.5
-46.25°	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3
-47.5°	9.0	8.9	8.7	8.5	8.3	8.1	7.9	7.7	7.5	7.3	7.1
-48.75°	8.7	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.3	7.1	6.9
-50°	8.4	8.3	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.9	6.6
-51.25°	8.1	8.0	7.8	7.6	7.5	7.3	7.2	7.0	6.8	6.6	6.4
-52.5°	7.8	7.7	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.4	6.2
-53.75°	7.5	7.4	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.2	6.2
-55°	7.3	7.1	7.0	6.9	6.7	6.5	6.4	6.2	6.2	6.2	6.2
-56.25°	7.0	6.9	6.7	6.6	6.4	6.3	6.2	6.2	6.2	6.2	6.2
-57.5°	6.7	6.6	6.4	6.3	6.2	6.2	6.2	6.2	6.2	6.1	6.0
-58.75°	6.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.0	5.9	5.7
-60°	6.2	6.2	6.2	6.2	6.2	6.2	6.1	5.9	5.8	5.6	5.5
-61.25°	6.2	6.2	6.2	6.2	6.1	5.9	5.8	5.6	5.5	5.4	5.2
-62.5°	6.2	6.1	6.0	5.9	5.8	5.6	5.5	5.4	5.2	5.1	5.0
-63.75°	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.8	4.7
-65°	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.8	4.7	4.6	4.6
-66.25°	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.6	4.6	4.6	4.6
-67.5°	4.9	4.8	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-68.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5
-70°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.3	4.2
-71.25°	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0
-72.5°	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7
-73.75°	4.2	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5
-75°	3.9	3.8	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.3	3.2
-76.25°	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9
-77.5°	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	2.9	2.8	2.8	2.7	2.7	2.7	2.6	2.5	2.5	2.4	2.4
-80°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1
-81.25°	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8
-82.5°	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
-83.75°	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
-85°	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
-86.25°	1.0	1.0	0.9	0.9	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



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°
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°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
83.75°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
82.5°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
81.25°	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3
80°	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
78.75°	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
77.5°	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9
76.25°	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.1
75°	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3
73.75°	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5
72.5°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
71.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9
70°	4.1	4.0	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1
68.75°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.2
67.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.4
66.25°	4.6	4.6	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.6
65°	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	4.1	3.9	3.8
63.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.2	4.1	4.0
62.5°	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.1
61.25°	5.1	4.9	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3
60°	5.3	5.2	5.0	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.5
58.75°	5.6	5.4	5.2	5.1	4.9	4.7	4.6	4.6	4.6	4.6	4.6
57.5°	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.6	4.6	4.6	4.6
56.25°	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.6	4.6
55°	6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.6	4.6
53.75°	6.2	6.2	6.1	6.0	5.8	5.5	5.3	5.1	4.9	4.7	4.6
52.5°	6.2	6.2	6.2	6.2	6.0	5.8	5.5	5.3	5.1	4.9	4.7
51.25°	6.2	6.2	6.2	6.2	6.2	6.0	5.7	5.5	5.3	5.1	4.8
50°	6.4	6.2	6.2	6.2	6.2	6.1	5.9	5.7	5.5	5.2	5.0
48.75°	6.7	6.4	6.2	6.2	6.2	6.2	6.1	5.9	5.6	5.4	5.2
47.5°	6.9	6.7	6.4	6.2	6.2	6.2	6.2	6.1	5.8	5.6	5.3
46.25°	7.1	6.9	6.6	6.4	6.2	6.2	6.2	6.2	6.0	5.7	5.5
45°	7.3	7.1	6.9	6.6	6.4	6.2	6.2	6.2	6.1	5.9	5.6
43.75°	7.5	7.3	7.0	6.8	6.5	6.3	6.2	6.2	6.2	6.0	5.8
42.5°	7.7	7.4	7.2	7.0	6.7	6.5	6.2	6.2	6.2	6.2	5.9
41.25°	7.9	7.6	7.4	7.2	6.9	6.6	6.4	6.2	6.2	6.2	6.1
40°	8.1	7.8	7.6	7.3	7.1	6.8	6.5	6.3	6.2	6.2	6.2
38.75°	8.3	8.0	7.7	7.5	7.2	7.0	6.7	6.4	6.2	6.2	6.2
37.5°	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.6	6.3	6.2	6.2
36.25°	8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.7	6.4	6.2	6.2
35°	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.9	6.6	6.2	6.2



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°
33.75°	9.0	8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.7	6.4	6.2
32.5°	9.2	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2
31.25°	9.3	9.1	8.8	8.5	8.1	7.8	7.5	7.2	7.0	6.6	6.3
30°	9.3	9.2	8.9	8.6	8.3	8.0	7.6	7.4	7.1	6.7	6.4
28.75°	9.3	9.3	9.1	8.8	8.4	8.1	7.8	7.5	7.2	6.9	6.5
27.5°	9.3	9.3	9.2	8.9	8.6	8.2	7.9	7.6	7.3	7.0	6.6
26.25°	9.3	9.3	9.3	9.0	8.7	8.3	8.0	7.7	7.4	7.1	6.7
25°	9.5	9.3	9.3	9.2	8.8	8.5	8.1	7.8	7.5	7.2	6.8
23.75°	9.7	9.3	9.3	9.3	8.9	8.6	8.2	7.9	7.5	7.2	6.9
22.5°	10.0	9.3	9.3	9.3	9.1	8.7	8.3	8.0	7.6	7.3	7.0
21.25°	10.2	9.6	9.3	9.3	9.2	8.8	8.4	8.1	7.7	7.4	7.1
20°	10.4	9.8	9.3	9.3	9.3	8.9	8.5	8.2	7.8	7.5	7.1
18.75°	10.7	10.0	9.3	9.3	9.3	9.0	8.6	8.3	7.9	7.5	7.2
17.5°	10.9	10.2	9.5	9.3	9.3	9.1	8.7	8.3	8.0	7.6	7.3
16.25°	11.2	10.4	9.7	9.3	9.3	9.2	8.8	8.4	8.0	7.7	7.3
15°	11.5	10.5	9.8	9.3	9.3	9.2	8.9	8.5	8.1	7.7	7.4
13.75°	11.7	10.7	10.0	9.3	9.3	9.3	8.9	8.6	8.2	7.8	7.4
12.5°	12.0	10.9	10.1	9.4	9.3	9.3	9.0	8.6	8.2	7.8	7.5
11.25°	12.2	11.1	10.2	9.5	9.3	9.3	9.1	8.7	8.3	7.9	7.5
10°	12.4	11.3	10.4	9.6	9.3	9.3	9.1	8.7	8.3	7.9	7.6
8.75°	12.5	11.4	10.5	9.7	9.3	9.3	9.2	8.8	8.4	8.0	7.6
7.5°	12.7	11.6	10.6	9.8	9.3	9.3	9.2	8.8	8.4	8.0	7.6
6.25°	12.8	11.7	10.6	9.9	9.3	9.3	9.2	8.8	8.4	8.0	7.6
5°	12.9	11.8	10.7	9.9	9.3	9.3	9.3	8.9	8.5	8.1	7.7
3.75°	13.0	11.9	10.7	10.0	9.3	9.3	9.3	8.9	8.5	8.1	7.7
2.5°	13.1	11.9	10.8	10.0	9.3	9.3	9.3	8.9	8.5	8.1	7.7
1.25°	13.1	11.9	10.8	10.0	9.3	9.3	9.3	8.9	8.5	8.1	7.7
0°	13.1	12.0	10.8	10.1	9.3	9.3	9.3	8.9	8.5	8.1	7.7
-1.25°	13.1	11.9	10.8	10.0	9.3	9.3	9.3	8.9	8.5	8.1	7.7
-2.5°	13.1	11.9	10.8	10.0	9.3	9.3	9.3	8.9	8.5	8.1	7.7
-3.75°	13.0	11.9	10.7	10.0	9.3	9.3	9.3	8.9	8.5	8.1	7.7
-5°	12.9	11.8	10.7	9.9	9.3	9.3	9.3	8.9	8.5	8.1	7.7
-6.25°	12.8	11.7	10.6	9.9	9.3	9.3	9.2	8.8	8.4	8.0	7.6
-7.5°	12.7	11.6	10.6	9.8	9.3	9.3	9.2	8.8	8.4	8.0	7.6
-8.75°	12.5	11.4	10.5	9.7	9.3	9.3	9.2	8.8	8.4	8.0	7.6
-10°	12.4	11.3	10.4	9.6	9.3	9.3	9.1	8.7	8.3	7.9	7.6
-11.25°	12.2	11.1	10.2	9.5	9.3	9.3	9.1	8.7	8.3	7.9	7.5
-12.5°	12.0	10.9	10.1	9.4	9.3	9.3	9.0	8.6	8.2	7.8	7.5
-13.75°	11.7	10.7	10.0	9.3	9.3	9.3	8.9	8.6	8.2	7.8	7.4
-15°	11.5	10.5	9.8	9.3	9.3	9.2	8.9	8.5	8.1	7.7	7.4
-16.25°	11.2	10.4	9.7	9.3	9.3	9.2	8.8	8.4	8.0	7.7	7.3
-17.5°	10.9	10.2	9.5	9.3	9.3	9.1	8.7	8.3	8.0	7.6	7.3
-18.75°	10.7	10.0	9.3	9.3	9.3	9.0	8.6	8.3	7.9	7.5	7.2
-20°	10.4	9.8	9.3	9.3	9.3	8.9	8.5	8.2	7.8	7.5	7.1
-21.25°	10.2	9.6	9.3	9.3	9.2	8.8	8.4	8.1	7.7	7.4	7.1



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	10.0	9.3	9.3	9.3	9.1	8.7	8.3	8.0	7.6	7.3	7.0
-23.75°	9.7	9.3	9.3	9.3	8.9	8.6	8.2	7.9	7.5	7.2	6.9
-25°	9.5	9.3	9.3	9.2	8.8	8.5	8.1	7.8	7.5	7.2	6.8
-26.25°	9.3	9.3	9.3	9.0	8.7	8.3	8.0	7.7	7.4	7.1	6.7
-27.5°	9.3	9.3	9.2	8.9	8.6	8.2	7.9	7.6	7.3	7.0	6.6
-28.75°	9.3	9.3	9.1	8.8	8.4	8.1	7.8	7.5	7.2	6.9	6.5
-30°	9.3	9.2	8.9	8.6	8.3	8.0	7.6	7.4	7.1	6.7	6.4
-31.25°	9.3	9.1	8.8	8.5	8.1	7.8	7.5	7.2	7.0	6.6	6.3
-32.5°	9.2	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2
-33.75°	9.0	8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.7	6.4	6.2
-35°	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.9	6.6	6.2	6.2
-36.25°	8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.7	6.4	6.2	6.2
-37.5°	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.6	6.3	6.2	6.2
-38.75°	8.3	8.0	7.7	7.5	7.2	7.0	6.7	6.4	6.2	6.2	6.2
-40°	8.1	7.8	7.6	7.3	7.1	6.8	6.5	6.3	6.2	6.2	6.2
-41.25°	7.9	7.6	7.4	7.2	6.9	6.6	6.4	6.2	6.2	6.2	6.1
-42.5°	7.7	7.4	7.2	7.0	6.7	6.5	6.2	6.2	6.2	6.2	5.9
-43.75°	7.5	7.3	7.0	6.8	6.5	6.3	6.2	6.2	6.2	6.0	5.8
-45°	7.3	7.1	6.9	6.6	6.4	6.2	6.2	6.2	6.1	5.9	5.6
-46.25°	7.1	6.9	6.6	6.4	6.2	6.2	6.2	6.2	6.0	5.7	5.5
-47.5°	6.9	6.7	6.4	6.2	6.2	6.2	6.2	6.1	5.8	5.6	5.3
-48.75°	6.7	6.4	6.2	6.2	6.2	6.2	6.1	5.9	5.6	5.4	5.2
-50°	6.4	6.2	6.2	6.2	6.2	6.1	5.9	5.7	5.5	5.2	5.0
-51.25°	6.2	6.2	6.2	6.2	6.2	6.0	5.7	5.5	5.3	5.1	4.8
-52.5°	6.2	6.2	6.2	6.2	6.0	5.8	5.5	5.3	5.1	4.9	4.7
-53.75°	6.2	6.2	6.1	6.0	5.8	5.5	5.3	5.1	4.9	4.7	4.6
-55°	6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.6	4.6
-56.25°	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.6	4.6
-57.5°	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.6	4.6	4.6	4.6
-58.75°	5.6	5.4	5.2	5.1	4.9	4.7	4.6	4.6	4.6	4.6	4.6
-60°	5.3	5.2	5.0	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.5
-61.25°	5.1	4.9	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3
-62.5°	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.1
-63.75°	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.2	4.1	4.0
-65°	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.2	4.1	3.9	3.8
-66.25°	4.6	4.6	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.8	3.6
-67.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.4
-68.75°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.2
-70°	4.1	4.0	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-71.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9
-72.5°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-73.75°	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5
-75°	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3
-76.25°	2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.1
-77.5°	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	2.0	2.0	1.9



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°
-78.75°	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-80°	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-81.25°	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3
-82.5°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
-83.75°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
-85°	1.0	1.0	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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6
82.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7
81.25°	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
80°	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
78.75°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
77.5°	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1
76.25°	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.2
75°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
73.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
72.5°	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
71.25°	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.6
70°	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
68.75°	3.1	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9	1.8
67.5°	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9
66.25°	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0
65°	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.2	2.1
63.75°	3.8	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.2
62.5°	4.0	3.8	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.5	2.3
61.25°	4.1	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.6	2.4
60°	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
58.75°	4.4	4.3	4.1	3.9	3.8	3.6	3.4	3.2	3.0	2.8	2.6
57.5°	4.6	4.4	4.2	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
56.25°	4.6	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8
55°	4.6	4.6	4.5	4.3	4.1	4.0	3.7	3.5	3.3	3.1	2.9
53.75°	4.6	4.6	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.2	2.9
52.5°	4.6	4.6	4.6	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.0
51.25°	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1
50°	4.8	4.6	4.6	4.6	4.6	4.4	4.2	4.0	3.7	3.5	3.2
48.75°	4.9	4.7	4.6	4.6	4.6	4.5	4.3	4.0	3.8	3.6	3.3
47.5°	5.1	4.8	4.6	4.6	4.6	4.6	4.4	4.1	3.9	3.7	3.4
46.25°	5.2	5.0	4.7	4.6	4.6	4.6	4.5	4.2	4.0	3.7	3.5
45°	5.4	5.1	4.8	4.6	4.6	4.6	4.6	4.3	4.1	3.8	3.6
43.75°	5.5	5.2	5.0	4.7	4.6	4.6	4.6	4.4	4.2	3.9	3.6
42.5°	5.6	5.4	5.1	4.8	4.6	4.6	4.6	4.5	4.2	4.0	3.7
41.25°	5.8	5.5	5.2	4.9	4.6	4.6	4.6	4.6	4.3	4.1	3.8
40°	5.9	5.6	5.3	5.0	4.8	4.6	4.6	4.6	4.4	4.1	3.9
38.75°	6.1	5.8	5.5	5.2	4.9	4.6	4.6	4.6	4.5	4.2	3.9
37.5°	6.2	5.9	5.6	5.3	5.0	4.7	4.6	4.6	4.5	4.3	4.0
36.25°	6.2	6.0	5.7	5.4	5.1	4.8	4.6	4.6	4.6	4.3	4.1
35°	6.2	6.1	5.8	5.5	5.2	4.8	4.6	4.6	4.6	4.4	4.1



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	6.2	6.2	5.9	5.6	5.3	4.9	4.6	4.6	4.6	4.5	4.2
32.5°	6.2	6.2	6.0	5.7	5.4	5.0	4.7	4.6	4.6	4.5	4.2
31.25°	6.2	6.2	6.1	5.8	5.4	5.1	4.8	4.6	4.6	4.6	4.3
30°	6.2	6.2	6.2	5.9	5.5	5.2	4.9	4.6	4.6	4.6	4.3
28.75°	6.2	6.2	6.2	6.0	5.6	5.3	4.9	4.6	4.6	4.6	4.4
27.5°	6.3	6.2	6.2	6.0	5.7	5.3	5.0	4.7	4.6	4.6	4.4
26.25°	6.4	6.2	6.2	6.1	5.8	5.4	5.1	4.7	4.6	4.6	4.5
25°	6.5	6.2	6.2	6.2	5.9	5.5	5.1	4.8	4.6	4.6	4.5
23.75°	6.6	6.2	6.2	6.2	5.9	5.6	5.2	4.8	4.6	4.6	4.6
22.5°	6.6	6.3	6.2	6.2	6.0	5.6	5.3	4.9	4.6	4.6	4.6
21.25°	6.7	6.4	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6	4.6
20°	6.8	6.4	6.2	6.2	6.1	5.7	5.4	5.0	4.6	4.6	4.6
18.75°	6.9	6.5	6.2	6.2	6.2	5.8	5.4	5.0	4.7	4.6	4.6
17.5°	6.9	6.6	6.2	6.2	6.2	5.8	5.5	5.1	4.7	4.6	4.6
16.25°	7.0	6.6	6.2	6.2	6.2	5.9	5.5	5.1	4.8	4.6	4.6
15°	7.1	6.7	6.3	6.2	6.2	5.9	5.6	5.2	4.8	4.6	4.6
13.75°	7.1	6.7	6.3	6.2	6.2	6.0	5.6	5.2	4.8	4.6	4.6
12.5°	7.1	6.8	6.4	6.2	6.2	6.0	5.6	5.2	4.9	4.6	4.6
11.25°	7.2	6.8	6.4	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
10°	7.2	6.9	6.5	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
8.75°	7.2	6.9	6.5	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
7.5°	7.3	6.9	6.5	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
6.25°	7.3	6.9	6.5	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
5°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
3.75°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
2.5°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
1.25°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
0°	7.4	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
-1.25°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
-2.5°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
-3.75°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
-5°	7.3	7.0	6.6	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
-6.25°	7.3	6.9	6.5	6.2	6.2	6.2	5.8	5.4	5.0	4.6	4.6
-7.5°	7.3	6.9	6.5	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
-8.75°	7.2	6.9	6.5	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
-10°	7.2	6.9	6.5	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
-11.25°	7.2	6.8	6.4	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6
-12.5°	7.1	6.8	6.4	6.2	6.2	6.0	5.6	5.2	4.9	4.6	4.6
-13.75°	7.1	6.7	6.3	6.2	6.2	6.0	5.6	5.2	4.8	4.6	4.6
-15°	7.1	6.7	6.3	6.2	6.2	5.9	5.6	5.2	4.8	4.6	4.6
-16.25°	7.0	6.6	6.2	6.2	6.2	5.9	5.5	5.1	4.8	4.6	4.6
-17.5°	6.9	6.6	6.2	6.2	6.2	5.8	5.5	5.1	4.7	4.6	4.6
-18.75°	6.9	6.5	6.2	6.2	6.2	5.8	5.4	5.0	4.7	4.6	4.6
-20°	6.8	6.4	6.2	6.2	6.1	5.7	5.4	5.0	4.6	4.6	4.6
-21.25°	6.7	6.4	6.2	6.2	6.1	5.7	5.3	4.9	4.6	4.6	4.6



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	6.6	6.3	6.2	6.2	6.0	5.6	5.3	4.9	4.6	4.6	4.6
-23.75°	6.6	6.2	6.2	6.2	5.9	5.6	5.2	4.8	4.6	4.6	4.6
-25°	6.5	6.2	6.2	6.2	5.9	5.5	5.1	4.8	4.6	4.6	4.5
-26.25°	6.4	6.2	6.2	6.1	5.8	5.4	5.1	4.7	4.6	4.6	4.5
-27.5°	6.3	6.2	6.2	6.0	5.7	5.3	5.0	4.7	4.6	4.6	4.4
-28.75°	6.2	6.2	6.2	6.0	5.6	5.3	4.9	4.6	4.6	4.6	4.4
-30°	6.2	6.2	6.2	5.9	5.5	5.2	4.9	4.6	4.6	4.6	4.3
-31.25°	6.2	6.2	6.1	5.8	5.4	5.1	4.8	4.6	4.6	4.6	4.3
-32.5°	6.2	6.2	6.0	5.7	5.4	5.0	4.7	4.6	4.6	4.5	4.2
-33.75°	6.2	6.2	5.9	5.6	5.3	4.9	4.6	4.6	4.6	4.5	4.2
-35°	6.2	6.1	5.8	5.5	5.2	4.8	4.6	4.6	4.6	4.4	4.1
-36.25°	6.2	6.0	5.7	5.4	5.1	4.8	4.6	4.6	4.6	4.3	4.1
-37.5°	6.2	5.9	5.6	5.3	5.0	4.7	4.6	4.6	4.5	4.3	4.0
-38.75°	6.1	5.8	5.5	5.2	4.9	4.6	4.6	4.6	4.5	4.2	3.9
-40°	5.9	5.6	5.3	5.0	4.8	4.6	4.6	4.6	4.4	4.1	3.9
-41.25°	5.8	5.5	5.2	4.9	4.6	4.6	4.6	4.6	4.3	4.1	3.8
-42.5°	5.6	5.4	5.1	4.8	4.6	4.6	4.6	4.5	4.2	4.0	3.7
-43.75°	5.5	5.2	5.0	4.7	4.6	4.6	4.6	4.4	4.2	3.9	3.6
-45°	5.4	5.1	4.8	4.6	4.6	4.6	4.6	4.3	4.1	3.8	3.6
-46.25°	5.2	5.0	4.7	4.6	4.6	4.6	4.5	4.2	4.0	3.7	3.5
-47.5°	5.1	4.8	4.6	4.6	4.6	4.6	4.4	4.1	3.9	3.7	3.4
-48.75°	4.9	4.7	4.6	4.6	4.6	4.5	4.3	4.0	3.8	3.6	3.3
-50°	4.8	4.6	4.6	4.6	4.6	4.4	4.2	4.0	3.7	3.5	3.2
-51.25°	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1
-52.5°	4.6	4.6	4.6	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.0
-53.75°	4.6	4.6	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.2	2.9
-55°	4.6	4.6	4.5	4.3	4.1	4.0	3.7	3.5	3.3	3.1	2.9
-56.25°	4.6	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8
-57.5°	4.6	4.4	4.2	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7
-58.75°	4.4	4.3	4.1	3.9	3.8	3.6	3.4	3.2	3.0	2.8	2.6
-60°	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
-61.25°	4.1	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.6	2.4
-62.5°	4.0	3.8	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.5	2.3
-63.75°	3.8	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.5	2.3	2.2
-65°	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.2	2.1
-66.25°	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0
-67.5°	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9
-68.75°	3.1	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9	1.8
-70°	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-71.25°	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.6
-72.5°	2.6	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
-73.75°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
-75°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3
-76.25°	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.2	1.2
-77.5°	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.2	1.1	1.1



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-80°	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
-81.25°	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
-82.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.7
-83.75°	0.9	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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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	0.8	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	0.8	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°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.2
71.25°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
70°	1.5	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
68.75°	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.4	0.3
67.5°	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.3
66.25°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
65°	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.5	0.3
63.75°	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.9	0.7	0.5	0.4
62.5°	2.1	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.7	0.6	0.4
61.25°	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.4
60°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
58.75°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
57.5°	2.5	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.6	0.4
56.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.4
55°	2.6	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5
53.75°	2.7	2.5	2.3	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
52.5°	2.8	2.6	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.7	0.5
51.25°	2.9	2.6	2.4	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.5
50°	3.0	2.7	2.5	2.2	2.0	1.7	1.4	1.2	1.0	0.8	0.5
48.75°	3.0	2.8	2.5	2.3	2.0	1.7	1.5	1.3	1.0	0.8	0.5
47.5°	3.1	2.9	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
46.25°	3.2	2.9	2.7	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.6
45°	3.3	3.0	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
43.75°	3.3	3.1	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
42.5°	3.4	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
41.25°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
40°	3.6	3.3	3.0	2.7	2.3	2.0	1.7	1.4	1.2	0.9	0.6
38.75°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
37.5°	3.7	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
36.25°	3.8	3.4	3.1	2.8	2.5	2.2	1.8	1.5	1.2	0.9	0.6
35°	3.8	3.5	3.2	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7



REPORT NUMBER: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	3.9	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.7
32.5°	3.9	3.6	3.3	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
31.25°	4.0	3.7	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
30°	4.0	3.7	3.4	3.0	2.7	2.3	2.0	1.6	1.3	1.0	0.7
28.75°	4.1	3.7	3.4	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
27.5°	4.1	3.8	3.4	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
26.25°	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
25°	4.2	3.9	3.5	3.2	2.8	2.4	2.1	1.7	1.4	1.1	0.7
23.75°	4.2	3.9	3.6	3.2	2.8	2.5	2.1	1.7	1.4	1.1	0.7
22.5°	4.3	4.0	3.6	3.2	2.9	2.5	2.1	1.7	1.4	1.1	0.7
21.25°	4.3	4.0	3.6	3.3	2.9	2.5	2.1	1.8	1.4	1.1	0.7
20°	4.3	4.0	3.7	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.8
18.75°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.8
17.5°	4.4	4.1	3.7	3.3	3.0	2.6	2.2	1.8	1.4	1.1	0.8
16.25°	4.4	4.1	3.7	3.4	3.0	2.6	2.2	1.8	1.4	1.1	0.8
15°	4.5	4.1	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.8
13.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.8
12.5°	4.5	4.2	3.8	3.4	3.0	2.6	2.2	1.9	1.5	1.1	0.8
11.25°	4.5	4.2	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
10°	4.5	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8
8.75°	4.5	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
7.5°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
6.25°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
5°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
3.75°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
2.5°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
1.25°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
0°	4.6	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.2	0.8
-1.25°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-2.5°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-3.75°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-5°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-6.25°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-7.5°	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-8.75°	4.5	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-10°	4.5	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-11.25°	4.5	4.2	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-12.5°	4.5	4.2	3.8	3.4	3.0	2.6	2.2	1.9	1.5	1.1	0.8
-13.75°	4.5	4.1	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.8
-15°	4.5	4.1	3.8	3.4	3.0	2.6	2.2	1.8	1.5	1.1	0.8
-16.25°	4.4	4.1	3.7	3.4	3.0	2.6	2.2	1.8	1.4	1.1	0.8
-17.5°	4.4	4.1	3.7	3.3	3.0	2.6	2.2	1.8	1.4	1.1	0.8
-18.75°	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.8
-20°	4.3	4.0	3.7	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.8
-21.25°	4.3	4.0	3.6	3.3	2.9	2.5	2.1	1.8	1.4	1.1	0.7



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0.9	0.8	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



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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]-LED3097-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: P220326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-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]-LED3097-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)