

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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

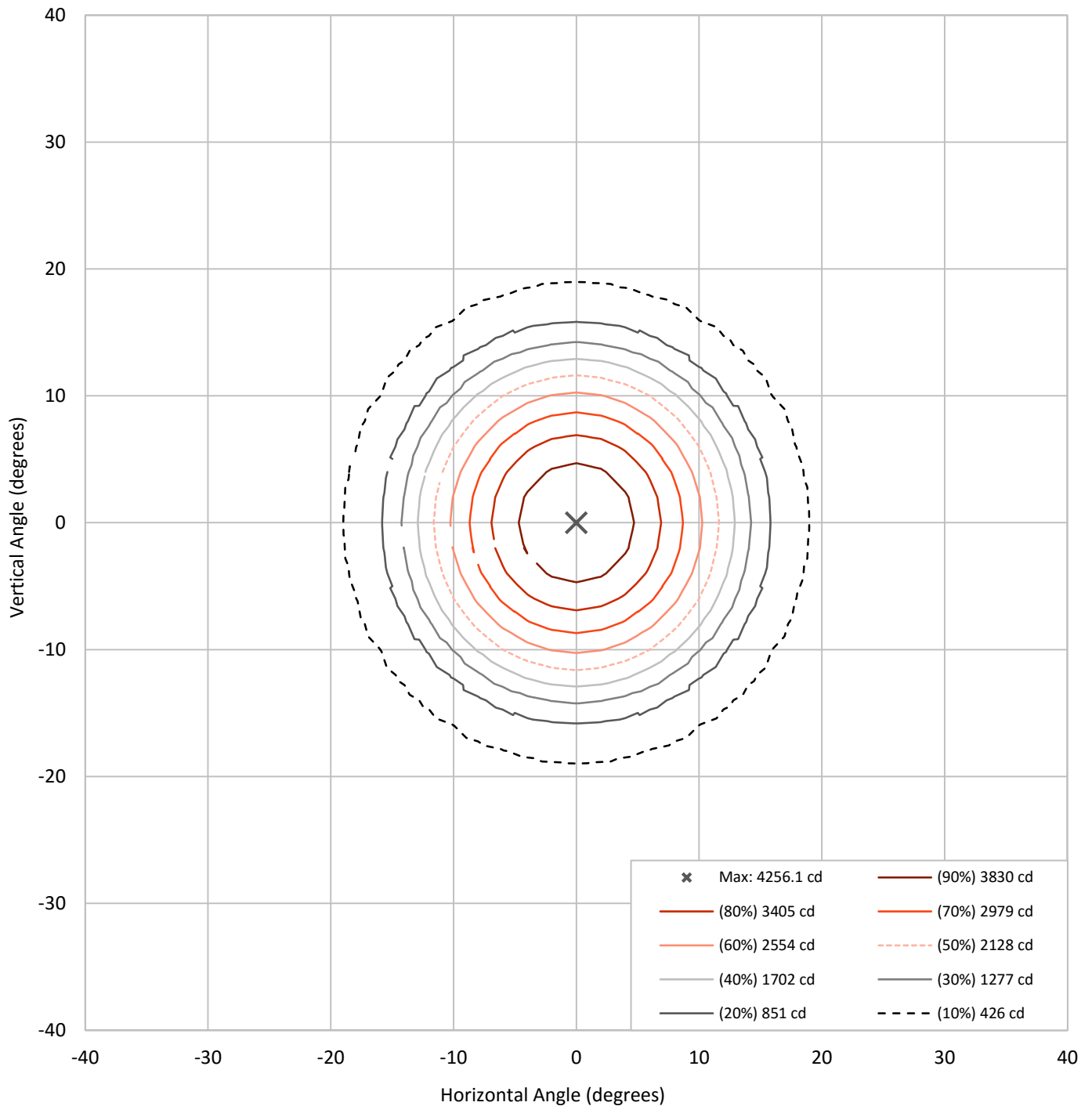
Test Method: LM-79-08
Report Number: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29410)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 3000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	759.8 lumens	Max Intensity:	4256.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.3°H x 23.3°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	407 lumens	Field Lumens:	615.8 lumens
Beam Efficiency:	53.6%	Field Efficiency:	81.0%
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



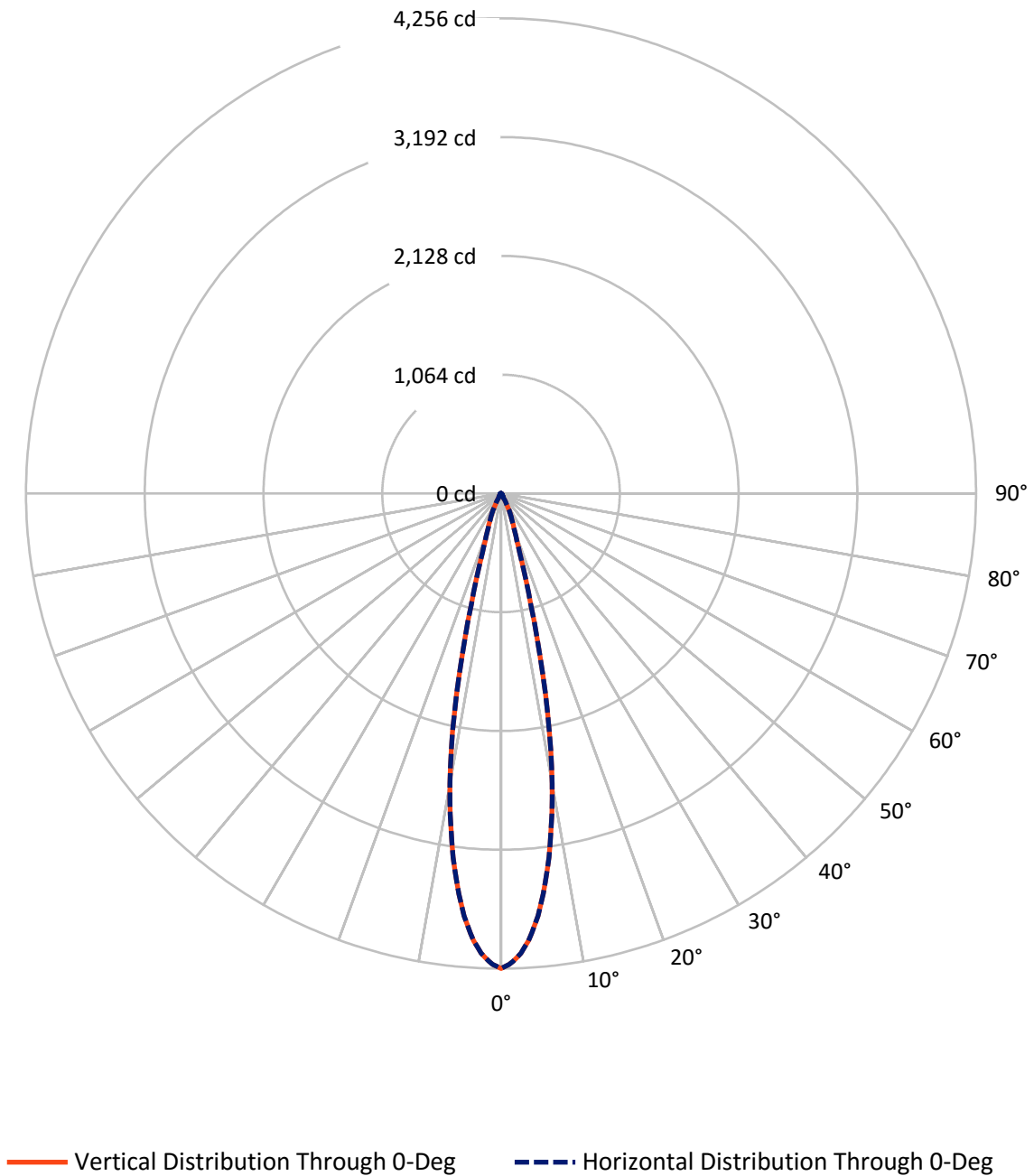
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Lumen Table

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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0			
50		0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1				
40	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.1			
30		0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.2	0.2	0.1				
20	0.1	0.1	0.2	0.3	0.4	0.7	2.3	4.9	4.9	2.3	0.7	0.4	0.3	0.2	0.1	0.1			
10		0.1	0.2	0.3	0.5	2.2	10.1	29.8	29.8	10.1	2.2	0.5	0.3	0.2	0.1				
0	0.1	0.1	0.2	0.3	0.6	4.5	29.1	95.5	95.5	29.1	4.5	0.6	0.3	0.2	0.1	0.1			
-10		0.1	0.2	0.3	0.6	4.5	29.1	95.5	95.5	29.1	4.5	0.6	0.3	0.2	0.1				
-20	0.1	0.1	0.2	0.3	0.5	2.2	10.1	29.8	29.8	10.1	2.2	0.5	0.3	0.2	0.1	0.1			
-30		0.1	0.2	0.3	0.4	0.7	2.3	4.9	4.9	2.3	0.7	0.4	0.3	0.2	0.1				
-40	0.1	0.1	0.2	0.2	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.2	0.2	0.1	0.1			
-50		0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1				
-60	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0			
-70		0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

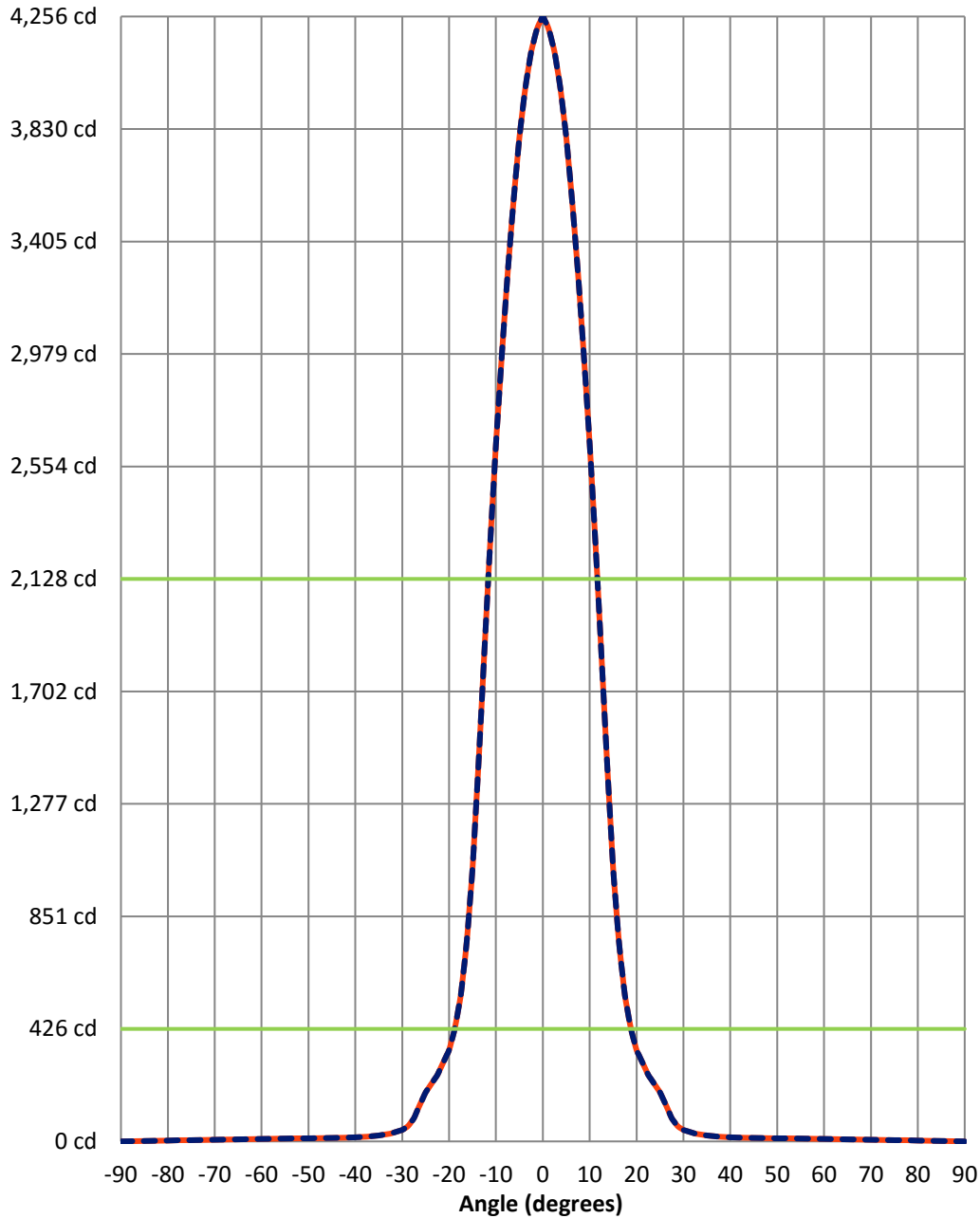
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.3°
 V Angle: 23.3°
 Lumens: 407
 Efficiency: 53.6%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 615.8
 Efficiency: 81.0%

Spill:
 Lumens: 144.1
 Efficiency: 19.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	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	3.3
32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.4
31.25°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.5
30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.7	3.0	3.6
28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.7
27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.7
26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.8
25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.2	3.9
23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.8	3.3	4.0
22.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.9	3.3	4.0
21.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.9	3.4	4.1
20°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.9	3.4	4.1
18.75°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.5	4.2
17.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	3.0	3.5	4.2
16.25°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	3.0	3.6	4.3
15°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.6	4.3
13.75°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.7	4.4
12.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.7	4.4
11.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
10°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.7	4.5
8.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.5
7.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.5
6.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
3.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
2.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
1.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
0°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.1	3.9	4.6
-1.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
-2.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
-3.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
-5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
-6.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.6
-7.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.5
-8.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.8	4.5
-10°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.7	4.5
-11.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.7	4.5
-12.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.7	4.4
-13.75°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.7	4.4
-15°	0.0	0.4	0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.6	4.3
-16.25°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	3.0	3.6	4.3
-17.5°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	3.0	3.5	4.2
-18.75°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.5	4.2
-20°	0.0	0.4	0.8	1.1	1.4	1.8	2.2	2.5	2.9	3.4	4.1
-21.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.9	3.4	4.1



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.9	3.3	4.0
-23.75°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.5	2.8	3.3	4.0
-25°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.8	3.2	3.9
-26.25°	0.0	0.4	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.8
-27.5°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.7
-28.75°	0.0	0.4	0.7	1.0	1.3	1.7	2.0	2.4	2.7	3.1	3.7
-30°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.7	3.0	3.6
-31.25°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.5
-32.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.4
-33.75°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.3
-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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	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	3.3
65°	1.7	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.3	3.6
63.75°	1.8	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.3	3.6	3.9
62.5°	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.2	3.5	3.9	4.2
61.25°	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.5	3.8	4.1	4.5
60°	2.1	2.3	2.5	2.7	2.9	3.1	3.4	3.7	4.1	4.4	4.6
58.75°	2.2	2.4	2.6	2.8	3.0	3.2	3.6	4.0	4.3	4.6	4.6
57.5°	2.2	2.5	2.7	2.9	3.1	3.5	3.8	4.2	4.6	4.6	4.6
56.25°	2.3	2.5	2.8	3.0	3.3	3.7	4.1	4.5	4.6	4.6	4.6
55°	2.4	2.6	2.9	3.1	3.5	3.9	4.3	4.6	4.6	4.6	4.6
53.75°	2.5	2.7	2.9	3.2	3.7	4.1	4.5	4.6	4.6	4.6	4.7
52.5°	2.6	2.8	3.0	3.4	3.9	4.3	4.6	4.6	4.6	4.6	4.8
51.25°	2.6	2.9	3.2	3.6	4.1	4.5	4.6	4.6	4.6	4.7	4.9
50°	2.7	3.0	3.3	3.8	4.3	4.6	4.6	4.6	4.6	4.8	5.1
48.75°	2.8	3.0	3.5	4.0	4.4	4.6	4.6	4.6	4.7	5.0	5.2
47.5°	2.9	3.1	3.6	4.1	4.6	4.6	4.6	4.6	4.9	5.1	5.4
46.25°	2.9	3.3	3.8	4.3	4.6	4.6	4.6	4.7	5.0	5.2	5.5
45°	3.0	3.4	3.9	4.5	4.6	4.6	4.6	4.8	5.1	5.4	5.6
43.75°	3.1	3.6	4.1	4.6	4.6	4.6	4.7	4.9	5.2	5.5	5.8
42.5°	3.2	3.7	4.2	4.6	4.6	4.6	4.8	5.0	5.3	5.6	5.9
41.25°	3.3	3.8	4.4	4.6	4.6	4.6	4.9	5.2	5.4	5.7	6.0
40°	3.4	4.0	4.5	4.6	4.6	4.7	5.0	5.3	5.6	5.8	6.1
38.75°	3.5	4.1	4.6	4.6	4.6	4.8	5.1	5.4	5.7	6.0	6.3
37.5°	3.6	4.2	4.6	4.6	4.6	4.8	5.1	5.5	5.8	6.1	6.4
36.25°	3.7	4.3	4.6	4.6	4.6	4.9	5.2	5.6	5.9	6.2	6.5
35°	3.8	4.4	4.6	4.6	4.7	5.0	5.3	5.6	6.0	6.3	6.6



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	3.9	4.6	4.6	4.6	4.8	5.1	5.4	5.7	6.1	6.4	6.7
32.5°	4.0	4.6	4.6	4.6	4.8	5.2	5.5	5.8	6.2	6.5	6.8
31.25°	4.1	4.6	4.6	4.6	4.9	5.2	5.6	5.9	6.2	6.6	6.9
30°	4.2	4.6	4.6	4.6	5.0	5.3	5.7	6.0	6.3	6.7	7.0
28.75°	4.3	4.6	4.6	4.7	5.0	5.4	5.7	6.1	6.4	6.8	7.1
27.5°	4.4	4.6	4.6	4.8	5.1	5.5	5.8	6.1	6.5	6.8	7.2
26.25°	4.5	4.6	4.6	4.8	5.2	5.5	5.9	6.2	6.6	6.9	7.2
25°	4.6	4.6	4.6	4.9	5.2	5.6	5.9	6.3	6.7	7.0	7.3
23.75°	4.6	4.6	4.6	4.9	5.3	5.6	6.0	6.4	6.7	7.1	7.4
22.5°	4.6	4.6	4.6	5.0	5.3	5.7	6.1	6.4	6.8	7.1	7.5
21.25°	4.6	4.6	4.6	5.0	5.4	5.7	6.1	6.5	6.9	7.2	7.5
20°	4.6	4.6	4.7	5.1	5.4	5.8	6.2	6.5	6.9	7.3	7.6
18.75°	4.6	4.6	4.7	5.1	5.5	5.8	6.2	6.6	7.0	7.3	7.6
17.5°	4.6	4.6	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.4	7.7
16.25°	4.6	4.6	4.8	5.2	5.6	5.9	6.3	6.7	7.1	7.4	7.7
15°	4.6	4.6	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.8
13.75°	4.6	4.6	4.8	5.2	5.6	6.0	6.4	6.8	7.1	7.5	7.8
12.5°	4.6	4.6	4.9	5.3	5.7	6.0	6.4	6.8	7.2	7.5	7.9
11.25°	4.6	4.6	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9
10°	4.6	4.6	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	8.0
8.75°	4.6	4.6	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.6	8.0
7.5°	4.6	4.6	5.0	5.4	5.7	6.1	6.5	6.9	7.3	7.6	8.0
6.25°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.0
5°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
3.75°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
2.5°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
1.25°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
0°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.7	8.1
-1.25°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
-2.5°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
-3.75°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
-5°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.1
-6.25°	4.6	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.3	7.7	8.0
-7.5°	4.6	4.6	5.0	5.4	5.7	6.1	6.5	6.9	7.3	7.6	8.0
-8.75°	4.6	4.6	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.6	8.0
-10°	4.6	4.6	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	8.0
-11.25°	4.6	4.6	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9
-12.5°	4.6	4.6	4.9	5.3	5.7	6.0	6.4	6.8	7.2	7.5	7.9
-13.75°	4.6	4.6	4.8	5.2	5.6	6.0	6.4	6.8	7.1	7.5	7.8
-15°	4.6	4.6	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.4	7.8
-16.25°	4.6	4.6	4.8	5.2	5.6	5.9	6.3	6.7	7.1	7.4	7.7
-17.5°	4.6	4.6	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.4	7.7
-18.75°	4.6	4.6	4.7	5.1	5.5	5.8	6.2	6.6	7.0	7.3	7.6
-20°	4.6	4.6	4.7	5.1	5.4	5.8	6.2	6.5	6.9	7.3	7.6
-21.25°	4.6	4.6	4.6	5.0	5.4	5.7	6.1	6.5	6.9	7.2	7.5



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
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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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	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	3.2	3.3
72.5°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.4	3.6	3.8
71.25°	2.6	2.7	2.9	3.0	3.1	3.3	3.5	3.7	3.9	4.1	4.3
70°	2.8	2.9	3.1	3.2	3.5	3.7	3.9	4.1	4.3	4.5	4.6
68.75°	3.0	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.6	4.6	4.6
67.5°	3.2	3.5	3.7	4.0	4.2	4.5	4.6	4.6	4.6	4.6	4.6
66.25°	3.5	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6
65°	3.9	4.1	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8
63.75°	4.2	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.1
62.5°	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.0	5.2	5.3
61.25°	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.1	5.2	5.4	5.6
60°	4.6	4.6	4.6	4.6	4.8	5.0	5.1	5.3	5.5	5.6	5.8
58.75°	4.6	4.6	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0
57.5°	4.6	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.3
56.25°	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.3	6.5
55°	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
53.75°	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.6	6.8	6.9
52.5°	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.6	6.8	7.0	7.1
51.25°	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.8	7.0	7.2	7.3
50°	5.3	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5
48.75°	5.5	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
47.5°	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.9
46.25°	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.1
45°	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.9	8.1	8.4
43.75°	6.0	6.3	6.6	6.8	7.1	7.3	7.6	7.8	8.0	8.3	8.6
42.5°	6.2	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.5	8.8
41.25°	6.3	6.6	6.9	7.1	7.4	7.6	7.9	8.1	8.4	8.7	8.9
40°	6.4	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.6	8.9	9.1
38.75°	6.6	6.9	7.1	7.4	7.6	7.9	8.2	8.5	8.8	9.1	9.3
37.5°	6.7	7.0	7.2	7.5	7.8	8.1	8.4	8.7	8.9	9.2	9.5
36.25°	6.8	7.1	7.4	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.6
35°	6.9	7.2	7.5	7.7	8.1	8.4	8.7	9.0	9.3	9.5	9.8



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	9.9
32.5°	7.1	7.4	7.7	8.0	8.3	8.6	9.0	9.3	9.5	9.8	10.1
31.25°	7.2	7.5	7.8	8.1	8.5	8.8	9.1	9.4	9.7	10.0	10.3
30°	7.3	7.6	7.9	8.2	8.6	8.9	9.2	9.5	9.8	10.1	10.4
28.75°	7.4	7.7	8.0	8.4	8.7	9.0	9.4	9.6	9.9	10.3	10.6
27.5°	7.5	7.8	8.1	8.5	8.8	9.1	9.5	9.8	10.1	10.4	10.7
26.25°	7.6	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.5	10.9
25°	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.7	11.0
23.75°	7.7	8.1	8.4	8.8	9.1	9.5	9.8	10.1	10.4	10.8	11.1
22.5°	7.8	8.1	8.5	8.9	9.2	9.5	9.9	10.2	10.6	10.9	11.3
21.25°	7.9	8.2	8.6	9.0	9.3	9.6	9.9	10.3	10.7	11.0	11.4
20°	7.9	8.3	8.7	9.0	9.4	9.7	10.0	10.4	10.8	11.1	11.5
18.75°	8.0	8.4	8.7	9.1	9.5	9.8	10.1	10.5	10.9	11.2	11.6
17.5°	8.1	8.4	8.8	9.2	9.5	9.9	10.2	10.6	11.0	11.3	11.6
16.25°	8.1	8.5	8.9	9.3	9.6	9.9	10.3	10.7	11.0	11.4	11.6
15°	8.2	8.6	8.9	9.3	9.7	10.0	10.4	10.7	11.1	11.5	11.6
13.75°	8.2	8.6	9.0	9.4	9.7	10.1	10.4	10.8	11.2	11.6	11.6
12.5°	8.3	8.7	9.1	9.4	9.8	10.1	10.5	10.9	11.3	11.6	11.6
11.25°	8.3	8.7	9.1	9.5	9.8	10.2	10.6	10.9	11.3	11.6	11.6
10°	8.4	8.7	9.1	9.5	9.8	10.2	10.6	11.0	11.4	11.6	11.6
8.75°	8.4	8.8	9.2	9.5	9.9	10.3	10.7	11.0	11.4	11.6	11.6
7.5°	8.4	8.8	9.2	9.6	9.9	10.3	10.7	11.1	11.5	11.6	11.6
6.25°	8.4	8.8	9.2	9.6	9.9	10.3	10.7	11.1	11.5	11.6	11.6
5°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.1	11.5	11.6	11.6
3.75°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.6	11.6	11.6
2.5°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.6	11.6	11.6
1.25°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.6	11.6	11.6
0°	8.5	8.9	9.3	9.7	10.0	10.4	10.8	11.2	11.6	11.6	11.6
-1.25°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.6	11.6	11.6
-2.5°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.6	11.6	11.6
-3.75°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	11.6	11.6	11.6
-5°	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.1	11.5	11.6	11.6
-6.25°	8.4	8.8	9.2	9.6	9.9	10.3	10.7	11.1	11.5	11.6	11.6
-7.5°	8.4	8.8	9.2	9.6	9.9	10.3	10.7	11.1	11.5	11.6	11.6
-8.75°	8.4	8.8	9.2	9.5	9.9	10.3	10.7	11.0	11.4	11.6	11.6
-10°	8.4	8.7	9.1	9.5	9.8	10.2	10.6	11.0	11.4	11.6	11.6
-11.25°	8.3	8.7	9.1	9.5	9.8	10.2	10.6	10.9	11.3	11.6	11.6
-12.5°	8.3	8.7	9.1	9.4	9.8	10.1	10.5	10.9	11.3	11.6	11.6
-13.75°	8.2	8.6	9.0	9.4	9.7	10.1	10.4	10.8	11.2	11.6	11.6
-15°	8.2	8.6	8.9	9.3	9.7	10.0	10.4	10.7	11.1	11.5	11.6
-16.25°	8.1	8.5	8.9	9.3	9.6	9.9	10.3	10.7	11.0	11.4	11.6
-17.5°	8.1	8.4	8.8	9.2	9.5	9.9	10.2	10.6	11.0	11.3	11.6
-18.75°	8.0	8.4	8.7	9.1	9.5	9.8	10.1	10.5	10.9	11.2	11.6
-20°	7.9	8.3	8.7	9.0	9.4	9.7	10.0	10.4	10.8	11.1	11.5
-21.25°	7.9	8.2	8.6	9.0	9.3	9.6	9.9	10.3	10.7	11.0	11.4



REPORT NUMBER: P220318 (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°
-22.5°	7.8	8.1	8.5	8.9	9.2	9.5	9.9	10.2	10.6	10.9	11.3
-23.75°	7.7	8.1	8.4	8.8	9.1	9.5	9.8	10.1	10.4	10.8	11.1
-25°	7.6	8.0	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.7	11.0
-26.25°	7.6	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.5	10.9
-27.5°	7.5	7.8	8.1	8.5	8.8	9.1	9.5	9.8	10.1	10.4	10.7
-28.75°	7.4	7.7	8.0	8.4	8.7	9.0	9.4	9.6	9.9	10.3	10.6
-30°	7.3	7.6	7.9	8.2	8.6	8.9	9.2	9.5	9.8	10.1	10.4
-31.25°	7.2	7.5	7.8	8.1	8.5	8.8	9.1	9.4	9.7	10.0	10.3
-32.5°	7.1	7.4	7.7	8.0	8.3	8.6	9.0	9.3	9.5	9.8	10.1
-33.75°	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	9.9
-35°	6.9	7.2	7.5	7.7	8.1	8.4	8.7	9.0	9.3	9.5	9.8
-36.25°	6.8	7.1	7.4	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.6
-37.5°	6.7	7.0	7.2	7.5	7.8	8.1	8.4	8.7	8.9	9.2	9.5
-38.75°	6.6	6.9	7.1	7.4	7.6	7.9	8.2	8.5	8.8	9.1	9.3
-40°	6.4	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.6	8.9	9.1
-41.25°	6.3	6.6	6.9	7.1	7.4	7.6	7.9	8.1	8.4	8.7	8.9
-42.5°	6.2	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.5	8.8
-43.75°	6.0	6.3	6.6	6.8	7.1	7.3	7.6	7.8	8.0	8.3	8.6
-45°	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.9	8.1	8.4
-46.25°	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.1
-47.5°	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.9
-48.75°	5.5	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
-50°	5.3	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5
-51.25°	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.8	7.0	7.2	7.3
-52.5°	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.6	6.8	7.0	7.1
-53.75°	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.6	6.8	6.9
-55°	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7
-56.25°	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.3	6.5
-57.5°	4.6	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.3
-58.75°	4.6	4.6	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0
-60°	4.6	4.6	4.6	4.6	4.8	5.0	5.1	5.3	5.5	5.6	5.8
-61.25°	4.6	4.6	4.6	4.6	4.6	4.8	4.9	5.1	5.2	5.4	5.6
-62.5°	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.9	5.0	5.2	5.3
-63.75°	4.2	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.1
-65°	3.9	4.1	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8
-66.25°	3.5	3.8	4.1	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-67.5°	3.2	3.5	3.7	4.0	4.2	4.5	4.6	4.6	4.6	4.6	4.6
-68.75°	3.0	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.6	4.6	4.6
-70°	2.8	2.9	3.1	3.2	3.5	3.7	3.9	4.1	4.3	4.5	4.6
-71.25°	2.6	2.7	2.9	3.0	3.1	3.3	3.5	3.7	3.9	4.1	4.3
-72.5°	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.4	3.6	3.8
-73.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.2	3.3
-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: P220318 (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°
-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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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	3.2	3.3	3.4	3.5	3.6	3.7
75°	3.0	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3
73.75°	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.6	4.6
72.5°	4.0	4.1	4.3	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6
71.25°	4.4	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	4.6	4.7	4.8	4.8	4.9
68.75°	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2
67.5°	4.6	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.6
66.25°	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7	5.8	5.9
65°	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1	6.2
63.75°	5.2	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5
62.5°	5.5	5.6	5.8	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8
61.25°	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.9	7.0	7.1
60°	6.0	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.1	7.2	7.4
58.75°	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.6
57.5°	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.6	7.8	7.9
56.25°	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2
55°	6.9	7.1	7.2	7.4	7.6	7.7	7.9	8.0	8.2	8.4	8.5
53.75°	7.1	7.3	7.5	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.8
52.5°	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.6	8.8	8.9	9.1
51.25°	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.4
50°	7.7	7.9	8.1	8.4	8.6	8.8	8.9	9.1	9.3	9.5	9.6
48.75°	7.9	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.9
47.5°	8.2	8.4	8.6	8.8	9.0	9.3	9.4	9.6	9.8	10.0	10.2
46.25°	8.4	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.0	10.2	10.4
45°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7
43.75°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8	11.0
42.5°	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8	11.1	11.3
41.25°	9.2	9.4	9.7	9.9	10.1	10.4	10.6	10.9	11.1	11.3	11.5
40°	9.4	9.6	9.9	10.1	10.4	10.6	10.9	11.1	11.3	11.6	11.6
38.75°	9.6	9.8	10.0	10.3	10.6	10.8	11.1	11.3	11.6	11.6	11.6
37.5°	9.7	10.0	10.2	10.5	10.8	11.1	11.3	11.6	11.6	11.6	11.6
36.25°	9.9	10.2	10.4	10.7	11.0	11.3	11.5	11.6	11.6	11.6	11.8
35°	10.1	10.4	10.6	10.9	11.2	11.5	11.6	11.6	11.6	11.8	12.0



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	10.2	10.5	10.8	11.1	11.4	11.6	11.6	11.6	11.7	12.0	12.3
32.5°	10.4	10.7	11.0	11.3	11.6	11.6	11.6	11.7	12.0	12.2	12.5
31.25°	10.6	10.9	11.2	11.5	11.6	11.6	11.6	11.9	12.2	12.5	12.7
30°	10.7	11.1	11.4	11.6	11.6	11.6	11.8	12.1	12.4	12.7	12.9
28.75°	10.9	11.2	11.5	11.6	11.6	11.7	12.0	12.3	12.6	12.8	13.1
27.5°	11.1	11.4	11.6	11.6	11.6	11.9	12.2	12.5	12.8	13.0	13.3
26.25°	11.2	11.5	11.6	11.6	11.7	12.0	12.4	12.7	12.9	13.2	13.5
25°	11.3	11.6	11.6	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7
23.75°	11.5	11.6	11.6	11.7	12.0	12.4	12.7	13.0	13.3	13.6	13.9
22.5°	11.6	11.6	11.6	11.9	12.2	12.5	12.8	13.1	13.5	13.8	14.3
21.25°	11.6	11.6	11.6	12.0	12.3	12.7	13.0	13.3	13.6	14.0	14.7
20°	11.6	11.6	11.8	12.1	12.5	12.8	13.1	13.4	13.8	14.3	15.0
18.75°	11.6	11.6	11.9	12.3	12.6	12.9	13.2	13.6	14.0	14.7	15.4
17.5°	11.6	11.6	12.0	12.4	12.7	13.0	13.4	13.7	14.3	15.0	15.8
16.25°	11.6	11.7	12.1	12.5	12.8	13.1	13.5	13.9	14.5	15.3	16.2
15°	11.6	11.8	12.2	12.6	12.9	13.2	13.6	14.0	14.8	15.5	16.6
13.75°	11.6	11.9	12.3	12.6	13.0	13.3	13.7	14.3	15.0	15.9	16.9
12.5°	11.6	12.0	12.4	12.7	13.1	13.4	13.8	14.5	15.2	16.2	17.3
11.25°	11.7	12.1	12.5	12.8	13.1	13.5	13.9	14.7	15.4	16.5	17.6
10°	11.8	12.1	12.5	12.9	13.2	13.6	14.1	14.8	15.7	16.8	17.9
8.75°	11.8	12.2	12.6	12.9	13.3	13.7	14.2	15.0	15.9	17.0	18.4
7.5°	11.9	12.3	12.6	13.0	13.3	13.7	14.3	15.1	16.1	17.2	18.9
6.25°	11.9	12.3	12.7	13.0	13.4	13.8	14.5	15.2	16.3	17.4	19.3
5°	11.9	12.3	12.7	13.0	13.4	13.8	14.5	15.3	16.4	17.5	19.6
3.75°	12.0	12.4	12.7	13.1	13.5	13.9	14.6	15.4	16.5	17.7	19.8
2.5°	12.0	12.4	12.7	13.1	13.5	13.9	14.7	15.5	16.6	17.7	20.0
1.25°	12.0	12.4	12.7	13.1	13.5	13.9	14.7	15.5	16.6	17.8	20.1
0°	12.0	12.4	12.8	13.1	13.5	13.9	14.7	15.5	16.7	17.8	20.1
-1.25°	12.0	12.4	12.7	13.1	13.5	13.9	14.7	15.5	16.6	17.8	20.1
-2.5°	12.0	12.4	12.7	13.1	13.5	13.9	14.7	15.5	16.6	17.7	20.0
-3.75°	12.0	12.4	12.7	13.1	13.5	13.9	14.6	15.4	16.5	17.7	19.8
-5°	11.9	12.3	12.7	13.0	13.4	13.8	14.5	15.3	16.4	17.5	19.6
-6.25°	11.9	12.3	12.7	13.0	13.4	13.8	14.5	15.2	16.3	17.4	19.3
-7.5°	11.9	12.3	12.6	13.0	13.3	13.7	14.3	15.1	16.1	17.2	18.9
-8.75°	11.8	12.2	12.6	12.9	13.3	13.7	14.2	15.0	15.9	17.0	18.4
-10°	11.8	12.1	12.5	12.9	13.2	13.6	14.1	14.8	15.7	16.8	17.9
-11.25°	11.7	12.1	12.5	12.8	13.1	13.5	13.9	14.7	15.4	16.5	17.6
-12.5°	11.6	12.0	12.4	12.7	13.1	13.4	13.8	14.5	15.2	16.2	17.3
-13.75°	11.6	11.9	12.3	12.6	13.0	13.3	13.7	14.3	15.0	15.9	16.9
-15°	11.6	11.8	12.2	12.6	12.9	13.2	13.6	14.0	14.8	15.5	16.6
-16.25°	11.6	11.7	12.1	12.5	12.8	13.1	13.5	13.9	14.5	15.3	16.2
-17.5°	11.6	11.6	12.0	12.4	12.7	13.0	13.4	13.7	14.3	15.0	15.8
-18.75°	11.6	11.6	11.9	12.3	12.6	12.9	13.2	13.6	14.0	14.7	15.4
-20°	11.6	11.6	11.8	12.1	12.5	12.8	13.1	13.4	13.8	14.3	15.0
-21.25°	11.6	11.6	11.6	12.0	12.3	12.7	13.0	13.3	13.6	14.0	14.7



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	11.6	11.6	11.6	11.9	12.2	12.5	12.8	13.1	13.5	13.8	14.3
-23.75°	11.5	11.6	11.6	11.7	12.0	12.4	12.7	13.0	13.3	13.6	13.9
-25°	11.3	11.6	11.6	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7
-26.25°	11.2	11.5	11.6	11.6	11.7	12.0	12.4	12.7	12.9	13.2	13.5
-27.5°	11.1	11.4	11.6	11.6	11.6	11.9	12.2	12.5	12.8	13.0	13.3
-28.75°	10.9	11.2	11.5	11.6	11.6	11.7	12.0	12.3	12.6	12.8	13.1
-30°	10.7	11.1	11.4	11.6	11.6	11.6	11.8	12.1	12.4	12.7	12.9
-31.25°	10.6	10.9	11.2	11.5	11.6	11.6	11.6	11.9	12.2	12.5	12.7
-32.5°	10.4	10.7	11.0	11.3	11.6	11.6	11.6	11.7	12.0	12.2	12.5
-33.75°	10.2	10.5	10.8	11.1	11.4	11.6	11.6	11.6	11.7	12.0	12.3
-35°	10.1	10.4	10.6	10.9	11.2	11.5	11.6	11.6	11.6	11.8	12.0
-36.25°	9.9	10.2	10.4	10.7	11.0	11.3	11.5	11.6	11.6	11.6	11.8
-37.5°	9.7	10.0	10.2	10.5	10.8	11.1	11.3	11.6	11.6	11.6	11.6
-38.75°	9.6	9.8	10.0	10.3	10.6	10.8	11.1	11.3	11.6	11.6	11.6
-40°	9.4	9.6	9.9	10.1	10.4	10.6	10.9	11.1	11.3	11.6	11.6
-41.25°	9.2	9.4	9.7	9.9	10.1	10.4	10.6	10.9	11.1	11.3	11.5
-42.5°	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8	11.1	11.3
-43.75°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8	11.0
-45°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7
-46.25°	8.4	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.0	10.2	10.4
-47.5°	8.2	8.4	8.6	8.8	9.0	9.3	9.4	9.6	9.8	10.0	10.2
-48.75°	7.9	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.7	9.9
-50°	7.7	7.9	8.1	8.4	8.6	8.8	8.9	9.1	9.3	9.5	9.6
-51.25°	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.4
-52.5°	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.6	8.8	8.9	9.1
-53.75°	7.1	7.3	7.5	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.8
-55°	6.9	7.1	7.2	7.4	7.6	7.7	7.9	8.0	8.2	8.4	8.5
-56.25°	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2
-57.5°	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.6	7.8	7.9
-58.75°	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.6
-60°	6.0	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.1	7.2	7.4
-61.25°	5.7	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.9	7.0	7.1
-62.5°	5.5	5.6	5.8	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8
-63.75°	5.2	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5
-65°	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1	6.2
-66.25°	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.6	5.7	5.8	5.9
-67.5°	4.6	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4	5.5	5.6
-68.75°	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2
-70°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.8	4.9
-71.25°	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-72.5°	4.0	4.1	4.3	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-73.75°	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.6	4.6
-75°	3.0	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3
-76.25°	2.8	2.9	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
-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: P220318 (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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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	3.3	3.3
77.5°	3.2	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.0
76.25°	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.6
75°	4.4	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	4.7	4.8	4.8	4.9	4.9	5.0
71.25°	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.3
70°	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.5	5.6	5.6	5.7
68.75°	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.9	5.9	6.0	6.1
67.5°	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.4	6.4
66.25°	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8
65°	6.3	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.1
63.75°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5
62.5°	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.8
61.25°	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1
60°	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5
58.75°	7.7	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.8	8.9
57.5°	8.1	8.2	8.3	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2
56.25°	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.3	9.4	9.5	9.5
55°	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.6	9.7	9.8	9.9
53.75°	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10.0	10.1	10.2
52.5°	9.3	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4	10.6
51.25°	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9
50°	9.8	9.9	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.1	11.3
48.75°	10.1	10.2	10.4	10.6	10.7	10.9	11.1	11.2	11.3	11.5	11.6
47.5°	10.4	10.5	10.7	10.9	11.1	11.2	11.4	11.5	11.6	11.6	11.6
46.25°	10.6	10.8	11.0	11.2	11.4	11.5	11.6	11.6	11.6	11.6	11.6
45°	10.9	11.1	11.3	11.5	11.6	11.6	11.6	11.6	11.6	11.7	11.9
43.75°	11.2	11.4	11.6	11.6	11.6	11.6	11.6	11.7	11.9	12.0	12.2
42.5°	11.5	11.6	11.6	11.6	11.6	11.7	11.9	12.0	12.2	12.4	12.5
41.25°	11.6	11.6	11.6	11.6	11.8	12.0	12.2	12.4	12.5	12.7	12.8
40°	11.6	11.6	11.7	11.9	12.1	12.3	12.5	12.7	12.8	13.0	13.1
38.75°	11.6	11.7	12.0	12.2	12.4	12.6	12.8	12.9	13.1	13.3	13.5
37.5°	11.8	12.0	12.2	12.5	12.7	12.8	13.0	13.2	13.4	13.6	13.8
36.25°	12.0	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.3
35°	12.3	12.5	12.7	12.9	13.2	13.4	13.6	13.8	14.2	14.6	15.0



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	12.5	12.7	13.0	13.2	13.4	13.7	13.9	14.4	14.8	15.2	15.7
32.5°	12.7	13.0	13.2	13.5	13.7	14.0	14.5	15.0	15.4	16.0	16.6
31.25°	12.9	13.2	13.5	13.7	14.1	14.6	15.1	15.6	16.2	16.9	17.5
30°	13.2	13.4	13.7	14.1	14.6	15.1	15.7	16.4	17.1	17.7	19.0
28.75°	13.4	13.7	14.0	14.6	15.1	15.7	16.5	17.2	18.0	19.4	20.7
27.5°	13.6	13.9	14.5	15.1	15.7	16.5	17.2	18.2	19.6	21.1	22.5
26.25°	13.8	14.4	15.0	15.6	16.4	17.2	18.2	19.7	21.2	22.9	25.1
25°	14.2	14.8	15.4	16.2	17.1	18.0	19.6	21.2	23.0	25.3	27.6
23.75°	14.6	15.2	16.0	16.9	17.7	19.4	21.1	22.9	25.3	27.7	30.7
22.5°	15.0	15.7	16.6	17.5	19.0	20.7	22.5	25.1	27.6	30.7	35.5
21.25°	15.4	16.2	17.2	18.4	20.2	22.0	24.5	27.2	30.2	35.2	40.2
20°	15.8	16.8	17.7	19.6	21.4	23.7	26.5	29.2	34.4	39.6	45.6
18.75°	16.3	17.3	18.7	20.7	22.7	25.5	28.4	32.9	38.4	44.1	53.0
17.5°	16.8	17.8	19.7	21.7	24.3	27.3	30.9	36.6	42.2	50.7	66.3
16.25°	17.2	18.7	20.7	22.9	25.9	28.9	34.3	40.2	47.6	61.2	87.5
15°	17.6	19.5	21.6	24.3	27.4	31.5	37.5	43.6	54.2	75.3	112.9
13.75°	18.2	20.3	22.4	25.6	28.7	34.3	40.5	48.8	64.7	96.7	141.1
12.5°	18.9	21.1	23.6	26.8	30.7	37.0	43.3	54.6	78.3	119.7	164.3
11.25°	19.6	21.7	24.7	27.9	33.0	39.4	47.5	63.2	95.9	143.0	184.5
10°	20.1	22.3	25.6	29.0	35.1	41.6	51.3	71.6	113.6	161.6	198.1
8.75°	20.7	23.1	26.5	30.3	37.0	43.8	56.9	85.2	131.8	177.3	210.1
7.5°	21.1	23.9	27.3	31.9	38.6	46.7	62.7	97.2	147.7	189.6	220.7
6.25°	21.5	24.5	27.9	33.3	40.0	49.1	67.7	108.1	159.2	198.2	229.9
5°	21.8	25.0	28.4	34.4	41.2	51.2	73.2	118.8	168.6	205.4	237.4
3.75°	22.1	25.4	28.9	35.2	42.1	53.0	79.5	127.2	175.9	211.0	243.4
2.5°	22.3	25.7	29.2	35.9	42.8	55.2	84.1	133.2	181.2	215.0	247.6
1.25°	22.4	25.8	29.3	36.2	43.2	56.5	86.8	136.9	184.3	217.4	250.2
0°	22.4	25.9	29.4	36.4	43.3	57.0	87.7	138.1	185.4	218.3	251.1
-1.25°	22.4	25.8	29.3	36.2	43.2	56.5	86.8	136.9	184.3	217.4	250.2
-2.5°	22.3	25.7	29.2	35.9	42.8	55.2	84.1	133.2	181.2	215.0	247.6
-3.75°	22.1	25.4	28.9	35.2	42.1	53.0	79.5	127.2	175.9	211.0	243.4
-5°	21.8	25.0	28.4	34.4	41.2	51.2	73.2	118.8	168.6	205.4	237.4
-6.25°	21.5	24.5	27.9	33.3	40.0	49.1	67.7	108.1	159.2	198.2	229.9
-7.5°	21.1	23.9	27.3	31.9	38.6	46.7	62.7	97.2	147.7	189.6	220.7
-8.75°	20.7	23.1	26.5	30.3	37.0	43.8	56.9	85.2	131.8	177.3	210.1
-10°	20.1	22.3	25.6	29.0	35.1	41.6	51.3	71.6	113.6	161.6	198.1
-11.25°	19.6	21.7	24.7	27.9	33.0	39.4	47.5	63.2	95.9	143.0	184.5
-12.5°	18.9	21.1	23.6	26.8	30.7	37.0	43.3	54.6	78.3	119.7	164.3
-13.75°	18.2	20.3	22.4	25.6	28.7	34.3	40.5	48.8	64.7	96.7	141.1
-15°	17.6	19.5	21.6	24.3	27.4	31.5	37.5	43.6	54.2	75.3	112.9
-16.25°	17.2	18.7	20.7	22.9	25.9	28.9	34.3	40.2	47.6	61.2	87.5
-17.5°	16.8	17.8	19.7	21.7	24.3	27.3	30.9	36.6	42.2	50.7	66.3
-18.75°	16.3	17.3	18.7	20.7	22.7	25.5	28.4	32.9	38.4	44.1	53.0
-20°	15.8	16.8	17.7	19.6	21.4	23.7	26.5	29.2	34.4	39.6	45.6
-21.25°	15.4	16.2	17.2	18.4	20.2	22.0	24.5	27.2	30.2	35.2	40.2



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	15.0	15.7	16.6	17.5	19.0	20.7	22.5	25.1	27.6	30.7	35.5
-23.75°	14.6	15.2	16.0	16.9	17.7	19.4	21.1	22.9	25.3	27.7	30.7
-25°	14.2	14.8	15.4	16.2	17.1	18.0	19.6	21.2	23.0	25.3	27.6
-26.25°	13.8	14.4	15.0	15.6	16.4	17.2	18.2	19.7	21.2	22.9	25.1
-27.5°	13.6	13.9	14.5	15.1	15.7	16.5	17.2	18.2	19.6	21.1	22.5
-28.75°	13.4	13.7	14.0	14.6	15.1	15.7	16.5	17.2	18.0	19.4	20.7
-30°	13.2	13.4	13.7	14.1	14.6	15.1	15.7	16.4	17.1	17.7	19.0
-31.25°	12.9	13.2	13.5	13.7	14.1	14.6	15.1	15.6	16.2	16.9	17.5
-32.5°	12.7	13.0	13.2	13.5	13.7	14.0	14.5	15.0	15.4	16.0	16.6
-33.75°	12.5	12.7	13.0	13.2	13.4	13.7	13.9	14.4	14.8	15.2	15.7
-35°	12.3	12.5	12.7	12.9	13.2	13.4	13.6	13.8	14.2	14.6	15.0
-36.25°	12.0	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.3
-37.5°	11.8	12.0	12.2	12.5	12.7	12.8	13.0	13.2	13.4	13.6	13.8
-38.75°	11.6	11.7	12.0	12.2	12.4	12.6	12.8	12.9	13.1	13.3	13.5
-40°	11.6	11.6	11.7	11.9	12.1	12.3	12.5	12.7	12.8	13.0	13.1
-41.25°	11.6	11.6	11.6	11.6	11.8	12.0	12.2	12.4	12.5	12.7	12.8
-42.5°	11.5	11.6	11.6	11.6	11.6	11.7	11.9	12.0	12.2	12.4	12.5
-43.75°	11.2	11.4	11.6	11.6	11.6	11.6	11.6	11.7	11.9	12.0	12.2
-45°	10.9	11.1	11.3	11.5	11.6	11.6	11.6	11.6	11.6	11.7	11.9
-46.25°	10.6	10.8	11.0	11.2	11.4	11.5	11.6	11.6	11.6	11.6	11.6
-47.5°	10.4	10.5	10.7	10.9	11.1	11.2	11.4	11.5	11.6	11.6	11.6
-48.75°	10.1	10.2	10.4	10.6	10.7	10.9	11.1	11.2	11.3	11.5	11.6
-50°	9.8	9.9	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.1	11.3
-51.25°	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	10.9
-52.5°	9.3	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4	10.6
-53.75°	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10.0	10.1	10.2
-55°	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.6	9.7	9.8	9.9
-56.25°	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.3	9.4	9.5	9.5
-57.5°	8.1	8.2	8.3	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2
-58.75°	7.7	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.8	8.9
-60°	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5
-61.25°	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1
-62.5°	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7	7.8
-63.75°	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5
-65°	6.3	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.1
-66.25°	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8
-67.5°	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.4	6.4
-68.75°	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.9	5.9	6.0	6.1
-70°	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.5	5.6	5.6	5.7
-71.25°	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.2	5.2	5.3	5.3
-72.5°	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0
-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°	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-76.25°	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.6	4.6
-77.5°	3.2	3.3	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.0



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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°
-78.75°	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.3	3.3
-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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.8
77.5°	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5
76.25°	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
73.75°	4.6	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9
72.5°	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.3
71.25°	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.7
70°	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
68.75°	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5
67.5°	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9
66.25°	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.2	7.3
65°	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.6	7.6	7.6
63.75°	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0
62.5°	7.9	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4	8.4
61.25°	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8
60°	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.1	9.2
58.75°	9.0	9.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.5
57.5°	9.3	9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.9
56.25°	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.2	10.3
55°	9.9	10.0	10.1	10.2	10.3	10.4	10.4	10.5	10.6	10.6	10.7
53.75°	10.3	10.4	10.5	10.6	10.7	10.7	10.8	10.9	10.9	11.0	11.0
52.5°	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.3	11.3	11.4	11.4
51.25°	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.6	11.6	11.6
50°	11.4	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
48.75°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.8	11.8
47.5°	11.6	11.6	11.6	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2
46.25°	11.6	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.5	12.6
45°	12.0	12.1	12.3	12.4	12.5	12.6	12.6	12.7	12.8	12.9	12.9
43.75°	12.3	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.1	13.2	13.3
42.5°	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7
41.25°	13.0	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.1	14.2
40°	13.3	13.4	13.6	13.7	13.9	14.0	14.3	14.5	14.7	14.8	15.0
38.75°	13.6	13.8	14.0	14.3	14.5	14.8	15.0	15.2	15.4	15.7	15.9
37.5°	14.0	14.3	14.7	15.0	15.3	15.5	15.9	16.2	16.5	16.8	17.0
36.25°	14.7	15.0	15.4	15.8	16.2	16.6	16.9	17.3	17.6	17.9	18.4
35°	15.4	15.8	16.3	16.8	17.2	17.6	18.2	18.9	19.6	20.1	20.7



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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°	16.2	16.8	17.3	17.8	18.7	19.5	20.3	21.1	21.7	22.3	23.1
32.5°	17.2	17.7	18.7	19.7	20.7	21.6	22.4	23.6	24.7	25.6	26.5
31.25°	18.4	19.6	20.7	21.7	22.9	24.3	25.6	26.8	27.9	29.0	30.3
30°	20.2	21.4	22.7	24.3	25.9	27.4	28.7	30.7	33.0	35.1	37.0
28.75°	22.0	23.7	25.5	27.3	28.9	31.5	34.3	37.0	39.4	41.6	43.8
27.5°	24.5	26.5	28.4	30.9	34.3	37.5	40.5	43.3	47.5	51.3	56.9
26.25°	27.2	29.2	32.9	36.6	40.2	43.6	48.8	54.6	63.2	71.6	85.2
25°	30.2	34.4	38.4	42.2	47.6	54.2	64.7	78.3	95.9	113.6	131.8
23.75°	35.2	39.6	44.1	50.7	61.2	75.3	96.7	119.7	143.0	161.6	177.3
22.5°	40.2	45.6	53.0	66.3	87.5	112.9	141.1	164.3	184.5	198.1	210.1
21.25°	46.1	55.0	69.4	95.8	126.2	156.0	180.4	198.4	213.7	227.8	240.5
20°	55.0	70.6	99.9	134.3	165.2	190.3	208.8	226.2	242.3	259.8	279.0
18.75°	69.4	99.9	137.0	169.8	195.4	215.8	235.2	254.5	278.9	301.4	321.8
17.5°	95.8	134.3	169.8	197.1	219.4	240.7	265.4	292.9	318.6	342.4	375.2
16.25°	126.2	165.2	195.4	219.4	242.6	270.8	301.4	330.3	364.7	405.0	457.1
15°	156.0	190.3	215.8	240.7	270.8	304.2	336.2	379.5	433.7	495.9	576.1
13.75°	180.4	208.8	235.2	265.4	301.4	336.2	384.4	448.4	528.9	624.7	746.6
12.5°	198.4	226.2	254.5	292.9	330.3	379.5	448.4	540.0	657.8	801.2	979.6
11.25°	213.7	242.3	278.9	318.6	364.7	433.7	528.9	657.8	825.2	1030.0	1266.7
10°	227.8	259.8	301.4	342.4	405.0	495.9	624.7	801.2	1030.0	1300.1	1583.5
8.75°	240.5	279.0	321.8	375.2	457.1	576.1	746.6	979.6	1266.7	1583.5	1893.0
7.5°	252.0	296.1	339.9	406.2	509.3	662.2	880.8	1168.1	1503.5	1849.7	2175.0
6.25°	265.8	310.8	361.7	444.2	568.0	751.9	1013.2	1347.8	1722.3	2086.3	2418.4
5°	277.3	323.0	382.6	476.1	618.2	841.0	1147.8	1519.1	1910.8	2285.4	2617.4
3.75°	286.4	332.7	399.1	505.6	673.9	923.4	1259.2	1656.9	2061.6	2437.8	2770.5
2.5°	292.9	339.7	413.3	531.9	714.3	983.5	1341.7	1758.6	2169.9	2547.2	2884.4
1.25°	296.9	343.9	423.6	547.9	738.8	1020.0	1397.8	1820.9	2236.4	2614.7	2952.7
0°	298.2	345.3	427.1	553.2	747.1	1032.2	1416.7	1841.9	2258.8	2637.6	2975.4
-1.25°	296.9	343.9	423.6	547.9	738.8	1020.0	1397.8	1820.9	2236.4	2614.7	2952.7
-2.5°	292.9	339.7	413.3	531.9	714.3	983.5	1341.7	1758.6	2169.9	2547.2	2884.4
-3.75°	286.4	332.7	399.1	505.6	673.9	923.4	1259.2	1656.9	2061.6	2437.8	2770.5
-5°	277.3	323.0	382.6	476.1	618.2	841.0	1147.8	1519.1	1910.8	2285.4	2617.4
-6.25°	265.8	310.8	361.7	444.2	568.0	751.9	1013.2	1347.8	1722.3	2086.3	2418.4
-7.5°	252.0	296.1	339.9	406.2	509.3	662.2	880.8	1168.1	1503.5	1849.7	2175.0
-8.75°	240.5	279.0	321.8	375.2	457.1	576.1	746.6	979.6	1266.7	1583.5	1893.0
-10°	227.8	259.8	301.4	342.4	405.0	495.9	624.7	801.2	1030.0	1300.1	1583.5
-11.25°	213.7	242.3	278.9	318.6	364.7	433.7	528.9	657.8	825.2	1030.0	1266.7
-12.5°	198.4	226.2	254.5	292.9	330.3	379.5	448.4	540.0	657.8	801.2	979.6
-13.75°	180.4	208.8	235.2	265.4	301.4	336.2	384.4	448.4	528.9	624.7	746.6
-15°	156.0	190.3	215.8	240.7	270.8	304.2	336.2	379.5	433.7	495.9	576.1
-16.25°	126.2	165.2	195.4	219.4	242.6	270.8	301.4	330.3	364.7	405.0	457.1
-17.5°	95.8	134.3	169.8	197.1	219.4	240.7	265.4	292.9	318.6	342.4	375.2
-18.75°	69.4	99.9	137.0	169.8	195.4	215.8	235.2	254.5	278.9	301.4	321.8
-20°	55.0	70.6	99.9	134.3	165.2	190.3	208.8	226.2	242.3	259.8	279.0
-21.25°	46.1	55.0	69.4	95.8	126.2	156.0	180.4	198.4	213.7	227.8	240.5



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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°	40.2	45.6	53.0	66.3	87.5	112.9	141.1	164.3	184.5	198.1	210.1
-23.75°	35.2	39.6	44.1	50.7	61.2	75.3	96.7	119.7	143.0	161.6	177.3
-25°	30.2	34.4	38.4	42.2	47.6	54.2	64.7	78.3	95.9	113.6	131.8
-26.25°	27.2	29.2	32.9	36.6	40.2	43.6	48.8	54.6	63.2	71.6	85.2
-27.5°	24.5	26.5	28.4	30.9	34.3	37.5	40.5	43.3	47.5	51.3	56.9
-28.75°	22.0	23.7	25.5	27.3	28.9	31.5	34.3	37.0	39.4	41.6	43.8
-30°	20.2	21.4	22.7	24.3	25.9	27.4	28.7	30.7	33.0	35.1	37.0
-31.25°	18.4	19.6	20.7	21.7	22.9	24.3	25.6	26.8	27.9	29.0	30.3
-32.5°	17.2	17.7	18.7	19.7	20.7	21.6	22.4	23.6	24.7	25.6	26.5
-33.75°	16.2	16.8	17.3	17.8	18.7	19.5	20.3	21.1	21.7	22.3	23.1
-35°	15.4	15.8	16.3	16.8	17.2	17.6	18.2	18.9	19.6	20.1	20.7
-36.25°	14.7	15.0	15.4	15.8	16.2	16.6	16.9	17.3	17.6	17.9	18.4
-37.5°	14.0	14.3	14.7	15.0	15.3	15.5	15.9	16.2	16.5	16.8	17.0
-38.75°	13.6	13.8	14.0	14.3	14.5	14.8	15.0	15.2	15.4	15.7	15.9
-40°	13.3	13.4	13.6	13.7	13.9	14.0	14.3	14.5	14.7	14.8	15.0
-41.25°	13.0	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.1	14.2
-42.5°	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7
-43.75°	12.3	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.1	13.2	13.3
-45°	12.0	12.1	12.3	12.4	12.5	12.6	12.6	12.7	12.8	12.9	12.9
-46.25°	11.6	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.5	12.6
-47.5°	11.6	11.6	11.6	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2
-48.75°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.8	11.8
-50°	11.4	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
-51.25°	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.6	11.6	11.6	11.6
-52.5°	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.3	11.3	11.4	11.4
-53.75°	10.3	10.4	10.5	10.6	10.7	10.7	10.8	10.9	10.9	11.0	11.0
-55°	9.9	10.0	10.1	10.2	10.3	10.4	10.4	10.5	10.6	10.6	10.7
-56.25°	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.2	10.3
-57.5°	9.3	9.4	9.5	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.9
-58.75°	9.0	9.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.5
-60°	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.1	9.2
-61.25°	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8
-62.5°	7.9	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3	8.4	8.4
-63.75°	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.9	7.9	8.0	8.0
-65°	7.2	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.6	7.6	7.6
-66.25°	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2	7.2	7.3
-67.5°	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	6.9
-68.75°	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5
-70°	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
-71.25°	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.7
-72.5°	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.3	5.3
-73.75°	4.6	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-77.5°	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.5



REPORT NUMBER: P220318 (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°	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.8
-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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
77.5°	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
76.25°	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
73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
72.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
71.25°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
68.75°	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
67.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
66.25°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
65°	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
63.75°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
62.5°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
61.25°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
60°	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
58.75°	9.6	9.6	9.6	9.6	9.6	9.6	9.7	9.6	9.6	9.6	9.6
57.5°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
56.25°	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
55°	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
53.75°	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1
52.5°	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5
51.25°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
50°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
48.75°	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
47.5°	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
46.25°	12.6	12.7	12.7	12.7	12.7	12.7	12.8	12.7	12.7	12.7	12.7
45°	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
43.75°	13.3	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
42.5°	13.7	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.8
41.25°	14.3	14.5	14.5	14.6	14.7	14.7	14.7	14.7	14.7	14.6	14.5
40°	15.1	15.2	15.3	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.3
38.75°	16.1	16.3	16.4	16.5	16.6	16.6	16.7	16.6	16.6	16.5	16.4
37.5°	17.2	17.4	17.5	17.7	17.7	17.8	17.8	17.8	17.7	17.7	17.5
36.25°	18.9	19.3	19.6	19.8	20.0	20.1	20.1	20.1	20.0	19.8	19.6
35°	21.1	21.5	21.8	22.1	22.3	22.4	22.4	22.4	22.3	22.1	21.8

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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	23.9	24.5	25.0	25.4	25.7	25.8	25.9	25.8	25.7	25.4	25.0
32.5°	27.3	27.9	28.4	28.9	29.2	29.3	29.4	29.3	29.2	28.9	28.4
31.25°	31.9	33.3	34.4	35.2	35.9	36.2	36.4	36.2	35.9	35.2	34.4
30°	38.6	40.0	41.2	42.1	42.8	43.2	43.3	43.2	42.8	42.1	41.2
28.75°	46.7	49.1	51.2	53.0	55.2	56.5	57.0	56.5	55.2	53.0	51.2
27.5°	62.7	67.7	73.2	79.5	84.1	86.8	87.7	86.8	84.1	79.5	73.2
26.25°	97.2	108.1	118.8	127.2	133.2	136.9	138.1	136.9	133.2	127.2	118.8
25°	147.7	159.2	168.6	175.9	181.2	184.3	185.4	184.3	181.2	175.9	168.6
23.75°	189.6	198.2	205.4	211.0	215.0	217.4	218.3	217.4	215.0	211.0	205.4
22.5°	220.7	229.9	237.4	243.4	247.6	250.2	251.1	250.2	247.6	243.4	237.4
21.25°	252.0	265.8	277.3	286.4	292.9	296.9	298.2	296.9	292.9	286.4	277.3
20°	296.1	310.8	323.0	332.7	339.7	343.9	345.3	343.9	339.7	332.7	323.0
18.75°	339.9	361.7	382.6	399.1	413.3	423.6	427.1	423.6	413.3	399.1	382.6
17.5°	406.2	444.2	476.1	505.6	531.9	547.9	553.2	547.9	531.9	505.6	476.1
16.25°	509.3	568.0	618.2	673.9	714.3	738.8	747.1	738.8	714.3	673.9	618.2
15°	662.2	751.9	841.0	923.4	983.5	1020.0	1032.2	1020.0	983.5	923.4	841.0
13.75°	880.8	1013.2	1147.8	1259.2	1341.7	1397.8	1416.7	1397.8	1341.7	1259.2	1147.8
12.5°	1168.1	1347.8	1519.1	1656.9	1758.6	1820.9	1841.9	1820.9	1758.6	1656.9	1519.1
11.25°	1503.5	1722.3	1910.8	2061.6	2169.9	2236.4	2258.8	2236.4	2169.9	2061.6	1910.8
10°	1849.7	2086.3	2285.4	2437.8	2547.2	2614.7	2637.6	2614.7	2547.2	2437.8	2285.4
8.75°	2175.0	2418.4	2617.4	2770.5	2884.4	2952.7	2975.4	2952.7	2884.4	2770.5	2617.4
7.5°	2462.1	2705.6	2909.5	3070.4	3191.0	3261.6	3285.8	3261.6	3191.0	3070.4	2909.5
6.25°	2705.6	2954.8	3168.8	3336.3	3460.0	3534.9	3560.8	3534.9	3460.0	3336.3	3168.8
5°	2909.5	3168.8	3387.6	3561.4	3689.5	3770.2	3798.7	3770.2	3689.5	3561.4	3387.6
3.75°	3070.4	3336.3	3561.4	3742.8	3876.6	3962.1	3986.6	3962.1	3876.6	3742.8	3561.4
2.5°	3191.0	3460.0	3689.5	3876.6	4012.7	4095.7	4121.7	4095.7	4012.7	3876.6	3689.5
1.25°	3261.6	3534.9	3770.2	3962.1	4095.7	4179.9	4211.5	4179.9	4095.7	3962.1	3770.2
0°	3285.8	3560.8	3798.7	3986.6	4121.7	4211.5	4256.1	4211.5	4121.7	3986.6	3798.7
-1.25°	3261.6	3534.9	3770.2	3962.1	4095.7	4179.9	4211.5	4179.9	4095.7	3962.1	3770.2
-2.5°	3191.0	3460.0	3689.5	3876.6	4012.7	4095.7	4121.7	4095.7	4012.7	3876.6	3689.5
-3.75°	3070.4	3336.3	3561.4	3742.8	3876.6	3962.1	3986.6	3962.1	3876.6	3742.8	3561.4
-5°	2909.5	3168.8	3387.6	3561.4	3689.5	3770.2	3798.7	3770.2	3689.5	3561.4	3387.6
-6.25°	2705.6	2954.8	3168.8	3336.3	3460.0	3534.9	3560.8	3534.9	3460.0	3336.3	3168.8
-7.5°	2462.1	2705.6	2909.5	3070.4	3191.0	3261.6	3285.8	3261.6	3191.0	3070.4	2909.5
-8.75°	2175.0	2418.4	2617.4	2770.5	2884.4	2952.7	2975.4	2952.7	2884.4	2770.5	2617.4
-10°	1849.7	2086.3	2285.4	2437.8	2547.2	2614.7	2637.6	2614.7	2547.2	2437.8	2285.4
-11.25°	1503.5	1722.3	1910.8	2061.6	2169.9	2236.4	2258.8	2236.4	2169.9	2061.6	1910.8
-12.5°	1168.1	1347.8	1519.1	1656.9	1758.6	1820.9	1841.9	1820.9	1758.6	1656.9	1519.1
-13.75°	880.8	1013.2	1147.8	1259.2	1341.7	1397.8	1416.7	1397.8	1341.7	1259.2	1147.8
-15°	662.2	751.9	841.0	923.4	983.5	1020.0	1032.2	1020.0	983.5	923.4	841.0
-16.25°	509.3	568.0	618.2	673.9	714.3	738.8	747.1	738.8	714.3	673.9	618.2
-17.5°	406.2	444.2	476.1	505.6	531.9	547.9	553.2	547.9	531.9	505.6	476.1
-18.75°	339.9	361.7	382.6	399.1	413.3	423.6	427.1	423.6	413.3	399.1	382.6
-20°	296.1	310.8	323.0	332.7	339.7	343.9	345.3	343.9	339.7	332.7	323.0
-21.25°	252.0	265.8	277.3	286.4	292.9	296.9	298.2	296.9	292.9	286.4	277.3



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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°	220.7	229.9	237.4	243.4	247.6	250.2	251.1	250.2	247.6	243.4	237.4
-23.75°	189.6	198.2	205.4	211.0	215.0	217.4	218.3	217.4	215.0	211.0	205.4
-25°	147.7	159.2	168.6	175.9	181.2	184.3	185.4	184.3	181.2	175.9	168.6
-26.25°	97.2	108.1	118.8	127.2	133.2	136.9	138.1	136.9	133.2	127.2	118.8
-27.5°	62.7	67.7	73.2	79.5	84.1	86.8	87.7	86.8	84.1	79.5	73.2
-28.75°	46.7	49.1	51.2	53.0	55.2	56.5	57.0	56.5	55.2	53.0	51.2
-30°	38.6	40.0	41.2	42.1	42.8	43.2	43.3	43.2	42.8	42.1	41.2
-31.25°	31.9	33.3	34.4	35.2	35.9	36.2	36.4	36.2	35.9	35.2	34.4
-32.5°	27.3	27.9	28.4	28.9	29.2	29.3	29.4	29.3	29.2	28.9	28.4
-33.75°	23.9	24.5	25.0	25.4	25.7	25.8	25.9	25.8	25.7	25.4	25.0
-35°	21.1	21.5	21.8	22.1	22.3	22.4	22.4	22.4	22.3	22.1	21.8
-36.25°	18.9	19.3	19.6	19.8	20.0	20.1	20.1	20.1	20.0	19.8	19.6
-37.5°	17.2	17.4	17.5	17.7	17.7	17.8	17.8	17.8	17.7	17.7	17.5
-38.75°	16.1	16.3	16.4	16.5	16.6	16.6	16.7	16.6	16.6	16.5	16.4
-40°	15.1	15.2	15.3	15.4	15.5	15.5	15.5	15.5	15.5	15.4	15.3
-41.25°	14.3	14.5	14.5	14.6	14.7	14.7	14.7	14.7	14.7	14.6	14.5
-42.5°	13.7	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.8
-43.75°	13.3	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
-45°	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
-46.25°	12.6	12.7	12.7	12.7	12.7	12.7	12.8	12.7	12.7	12.7	12.7
-47.5°	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
-48.75°	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
-50°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
-51.25°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
-52.5°	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5
-53.75°	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1
-55°	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
-56.25°	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
-57.5°	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
-58.75°	9.6	9.6	9.6	9.6	9.6	9.6	9.7	9.6	9.6	9.6	9.6
-60°	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
-61.25°	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
-62.5°	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
-63.75°	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
-65°	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
-66.25°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
-67.5°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-68.75°	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-70°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-71.25°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-72.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
-73.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-77.5°	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6



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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°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
-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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.5
77.5°	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2
76.25°	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
73.75°	5.0	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7
72.5°	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1
71.25°	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5
70°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
68.75°	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2
67.5°	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6
66.25°	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
65°	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.4	7.4	7.3
63.75°	8.0	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6
62.5°	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0
61.25°	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4
60°	9.2	9.2	9.2	9.1	9.1	9.1	9.0	8.9	8.9	8.8	8.7
58.75°	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.2	9.1
57.5°	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.5
56.25°	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.9	9.8
55°	10.7	10.7	10.7	10.6	10.6	10.5	10.4	10.4	10.3	10.2	10.1
53.75°	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.7	10.7	10.6	10.5
52.5°	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.1	11.0	11.0	10.9
51.25°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.3	11.2
50°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
48.75°	11.9	11.9	11.8	11.8	11.7	11.6	11.6	11.6	11.6	11.6	11.6
47.5°	12.3	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.6	11.6
46.25°	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12.2	12.1	12.0	11.9
45°	13.0	13.0	12.9	12.9	12.8	12.7	12.6	12.6	12.5	12.4	12.3
43.75°	13.4	13.3	13.3	13.2	13.1	13.1	13.0	12.9	12.8	12.7	12.6
42.5°	13.8	13.7	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9
41.25°	14.5	14.3	14.2	14.1	13.9	13.8	13.7	13.6	13.5	13.4	13.2
40°	15.2	15.1	15.0	14.8	14.7	14.5	14.3	14.0	13.9	13.7	13.6
38.75°	16.3	16.1	15.9	15.7	15.4	15.2	15.0	14.8	14.5	14.3	14.0
37.5°	17.4	17.2	17.0	16.8	16.5	16.2	15.9	15.5	15.3	15.0	14.7
36.25°	19.3	18.9	18.4	17.9	17.6	17.3	16.9	16.6	16.2	15.8	15.4
35°	21.5	21.1	20.7	20.1	19.6	18.9	18.2	17.6	17.2	16.8	16.3



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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°	24.5	23.9	23.1	22.3	21.7	21.1	20.3	19.5	18.7	17.8	17.3
32.5°	27.9	27.3	26.5	25.6	24.7	23.6	22.4	21.6	20.7	19.7	18.7
31.25°	33.3	31.9	30.3	29.0	27.9	26.8	25.6	24.3	22.9	21.7	20.7
30°	40.0	38.6	37.0	35.1	33.0	30.7	28.7	27.4	25.9	24.3	22.7
28.75°	49.1	46.7	43.8	41.6	39.4	37.0	34.3	31.5	28.9	27.3	25.5
27.5°	67.7	62.7	56.9	51.3	47.5	43.3	40.5	37.5	34.3	30.9	28.4
26.25°	108.1	97.2	85.2	71.6	63.2	54.6	48.8	43.6	40.2	36.6	32.9
25°	159.2	147.7	131.8	113.6	95.9	78.3	64.7	54.2	47.6	42.2	38.4
23.75°	198.2	189.6	177.3	161.6	143.0	119.7	96.7	75.3	61.2	50.7	44.1
22.5°	229.9	220.7	210.1	198.1	184.5	164.3	141.1	112.9	87.5	66.3	53.0
21.25°	265.8	252.0	240.5	227.8	213.7	198.4	180.4	156.0	126.2	95.8	69.4
20°	310.8	296.1	279.0	259.8	242.3	226.2	208.8	190.3	165.2	134.3	99.9
18.75°	361.7	339.9	321.8	301.4	278.9	254.5	235.2	215.8	195.4	169.8	137.0
17.5°	444.2	406.2	375.2	342.4	318.6	292.9	265.4	240.7	219.4	197.1	169.8
16.25°	568.0	509.3	457.1	405.0	364.7	330.3	301.4	270.8	242.6	219.4	195.4
15°	751.9	662.2	576.1	495.9	433.7	379.5	336.2	304.2	270.8	240.7	215.8
13.75°	1013.2	880.8	746.6	624.7	528.9	448.4	384.4	336.2	301.4	265.4	235.2
12.5°	1347.8	1168.1	979.6	801.2	657.8	540.0	448.4	379.5	330.3	292.9	254.5
11.25°	1722.3	1503.5	1266.7	1030.0	825.2	657.8	528.9	433.7	364.7	318.6	278.9
10°	2086.3	1849.7	1583.5	1300.1	1030.0	801.2	624.7	495.9	405.0	342.4	301.4
8.75°	2418.4	2175.0	1893.0	1583.5	1266.7	979.6	746.6	576.1	457.1	375.2	321.8
7.5°	2705.6	2462.1	2175.0	1849.7	1503.5	1168.1	880.8	662.2	509.3	406.2	339.9
6.25°	2954.8	2705.6	2418.4	2086.3	1722.3	1347.8	1013.2	751.9	568.0	444.2	361.7
5°	3168.8	2909.5	2617.4	2285.4	1910.8	1519.1	1147.8	841.0	618.2	476.1	382.6
3.75°	3336.3	3070.4	2770.5	2437.8	2061.6	1656.9	1259.2	923.4	673.9	505.6	399.1
2.5°	3460.0	3191.0	2884.4	2547.2	2169.9	1758.6	1341.7	983.5	714.3	531.9	413.3
1.25°	3534.9	3261.6	2952.7	2614.7	2236.4	1820.9	1397.8	1020.0	738.8	547.9	423.6
0°	3560.8	3285.8	2975.4	2637.6	2258.8	1841.9	1416.7	1032.2	747.1	553.2	427.1
-1.25°	3534.9	3261.6	2952.7	2614.7	2236.4	1820.9	1397.8	1020.0	738.8	547.9	423.6
-2.5°	3460.0	3191.0	2884.4	2547.2	2169.9	1758.6	1341.7	983.5	714.3	531.9	413.3
-3.75°	3336.3	3070.4	2770.5	2437.8	2061.6	1656.9	1259.2	923.4	673.9	505.6	399.1
-5°	3168.8	2909.5	2617.4	2285.4	1910.8	1519.1	1147.8	841.0	618.2	476.1	382.6
-6.25°	2954.8	2705.6	2418.4	2086.3	1722.3	1347.8	1013.2	751.9	568.0	444.2	361.7
-7.5°	2705.6	2462.1	2175.0	1849.7	1503.5	1168.1	880.8	662.2	509.3	406.2	339.9
-8.75°	2418.4	2175.0	1893.0	1583.5	1266.7	979.6	746.6	576.1	457.1	375.2	321.8
-10°	2086.3	1849.7	1583.5	1300.1	1030.0	801.2	624.7	495.9	405.0	342.4	301.4
-11.25°	1722.3	1503.5	1266.7	1030.0	825.2	657.8	528.9	433.7	364.7	318.6	278.9
-12.5°	1347.8	1168.1	979.6	801.2	657.8	540.0	448.4	379.5	330.3	292.9	254.5
-13.75°	1013.2	880.8	746.6	624.7	528.9	448.4	384.4	336.2	301.4	265.4	235.2
-15°	751.9	662.2	576.1	495.9	433.7	379.5	336.2	304.2	270.8	240.7	215.8
-16.25°	568.0	509.3	457.1	405.0	364.7	330.3	301.4	270.8	242.6	219.4	195.4
-17.5°	444.2	406.2	375.2	342.4	318.6	292.9	265.4	240.7	219.4	197.1	169.8
-18.75°	361.7	339.9	321.8	301.4	278.9	254.5	235.2	215.8	195.4	169.8	137.0
-20°	310.8	296.1	279.0	259.8	242.3	226.2	208.8	190.3	165.2	134.3	99.9
-21.25°	265.8	252.0	240.5	227.8	213.7	198.4	180.4	156.0	126.2	95.8	69.4



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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°	229.9	220.7	210.1	198.1	184.5	164.3	141.1	112.9	87.5	66.3	53.0
-23.75°	198.2	189.6	177.3	161.6	143.0	119.7	96.7	75.3	61.2	50.7	44.1
-25°	159.2	147.7	131.8	113.6	95.9	78.3	64.7	54.2	47.6	42.2	38.4
-26.25°	108.1	97.2	85.2	71.6	63.2	54.6	48.8	43.6	40.2	36.6	32.9
-27.5°	67.7	62.7	56.9	51.3	47.5	43.3	40.5	37.5	34.3	30.9	28.4
-28.75°	49.1	46.7	43.8	41.6	39.4	37.0	34.3	31.5	28.9	27.3	25.5
-30°	40.0	38.6	37.0	35.1	33.0	30.7	28.7	27.4	25.9	24.3	22.7
-31.25°	33.3	31.9	30.3	29.0	27.9	26.8	25.6	24.3	22.9	21.7	20.7
-32.5°	27.9	27.3	26.5	25.6	24.7	23.6	22.4	21.6	20.7	19.7	18.7
-33.75°	24.5	23.9	23.1	22.3	21.7	21.1	20.3	19.5	18.7	17.8	17.3
-35°	21.5	21.1	20.7	20.1	19.6	18.9	18.2	17.6	17.2	16.8	16.3
-36.25°	19.3	18.9	18.4	17.9	17.6	17.3	16.9	16.6	16.2	15.8	15.4
-37.5°	17.4	17.2	17.0	16.8	16.5	16.2	15.9	15.5	15.3	15.0	14.7
-38.75°	16.3	16.1	15.9	15.7	15.4	15.2	15.0	14.8	14.5	14.3	14.0
-40°	15.2	15.1	15.0	14.8	14.7	14.5	14.3	14.0	13.9	13.7	13.6
-41.25°	14.5	14.3	14.2	14.1	13.9	13.8	13.7	13.6	13.5	13.4	13.2
-42.5°	13.8	13.7	13.7	13.6	13.5	13.4	13.3	13.2	13.1	13.0	12.9
-43.75°	13.4	13.3	13.3	13.2	13.1	13.1	13.0	12.9	12.8	12.7	12.6
-45°	13.0	13.0	12.9	12.9	12.8	12.7	12.6	12.6	12.5	12.4	12.3
-46.25°	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12.2	12.1	12.0	11.9
-47.5°	12.3	12.3	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.6	11.6
-48.75°	11.9	11.9	11.8	11.8	11.7	11.6	11.6	11.6	11.6	11.6	11.6
-50°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
-51.25°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.3	11.2
-52.5°	11.5	11.5	11.4	11.4	11.3	11.3	11.2	11.1	11.0	11.0	10.9
-53.75°	11.1	11.1	11.0	11.0	10.9	10.9	10.8	10.7	10.7	10.6	10.5
-55°	10.7	10.7	10.7	10.6	10.6	10.5	10.4	10.4	10.3	10.2	10.1
-56.25°	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.9	9.8
-57.5°	9.9	9.9	9.9	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.5
-58.75°	9.6	9.6	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.2	9.1
-60°	9.2	9.2	9.2	9.1	9.1	9.1	9.0	8.9	8.9	8.8	8.7
-61.25°	8.8	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.4
-62.5°	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.1	8.1	8.0
-63.75°	8.0	8.0	8.0	8.0	7.9	7.9	7.8	7.8	7.7	7.7	7.6
-65°	7.7	7.6	7.6	7.6	7.6	7.5	7.5	7.4	7.4	7.4	7.3
-66.25°	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0
-67.5°	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6
-68.75°	6.6	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2
-70°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
-71.25°	5.8	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6	5.5	5.5
-72.5°	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.1
-73.75°	5.0	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7
-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-77.5°	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.2



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.6	3.6	3.5	3.5
-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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.1	3.0	3.0	2.9
77.5°	4.1	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.4
76.25°	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.3	4.2	4.1	4.0
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°	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
72.5°	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6	4.6	4.6
71.25°	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8
70°	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.3	5.2	5.2
68.75°	6.2	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5
67.5°	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.0	5.9	5.8
66.25°	6.9	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.2
65°	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.8	6.7	6.6	6.5
63.75°	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8
62.5°	7.9	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1
61.25°	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4
60°	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7
58.75°	9.0	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.2	8.1	8.0
57.5°	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.3
56.25°	9.7	9.6	9.5	9.5	9.4	9.3	9.1	9.0	8.9	8.8	8.6
55°	10.0	9.9	9.9	9.8	9.7	9.6	9.5	9.4	9.2	9.1	9.0
53.75°	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3
52.5°	10.8	10.7	10.6	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5
51.25°	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0	9.8
50°	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.4	10.3	10.1
48.75°	11.6	11.6	11.6	11.5	11.3	11.2	11.1	10.9	10.7	10.6	10.4
47.5°	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.2	11.1	10.9	10.7
46.25°	11.8	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.2	11.0
45°	12.1	12.0	11.9	11.7	11.6	11.6	11.6	11.6	11.6	11.5	11.3
43.75°	12.5	12.3	12.2	12.0	11.9	11.7	11.6	11.6	11.6	11.6	11.6
42.5°	12.8	12.7	12.5	12.4	12.2	12.0	11.9	11.7	11.6	11.6	11.6
41.25°	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.0	11.8	11.6	11.6
40°	13.4	13.3	13.1	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.7
38.75°	13.8	13.6	13.5	13.3	13.1	12.9	12.8	12.6	12.4	12.2	12.0
37.5°	14.3	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.7	12.5	12.2
36.25°	15.0	14.7	14.3	13.9	13.7	13.5	13.3	13.1	12.9	12.7	12.5
35°	15.8	15.4	15.0	14.6	14.2	13.8	13.6	13.4	13.2	12.9	12.7



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	16.8	16.2	15.7	15.2	14.8	14.4	13.9	13.7	13.4	13.2	13.0
32.5°	17.7	17.2	16.6	16.0	15.4	15.0	14.5	14.0	13.7	13.5	13.2
31.25°	19.6	18.4	17.5	16.9	16.2	15.6	15.1	14.6	14.1	13.7	13.5
30°	21.4	20.2	19.0	17.7	17.1	16.4	15.7	15.1	14.6	14.1	13.7
28.75°	23.7	22.0	20.7	19.4	18.0	17.2	16.5	15.7	15.1	14.6	14.0
27.5°	26.5	24.5	22.5	21.1	19.6	18.2	17.2	16.5	15.7	15.1	14.5
26.25°	29.2	27.2	25.1	22.9	21.2	19.7	18.2	17.2	16.4	15.6	15.0
25°	34.4	30.2	27.6	25.3	23.0	21.2	19.6	18.0	17.1	16.2	15.4
23.75°	39.6	35.2	30.7	27.7	25.3	22.9	21.1	19.4	17.7	16.9	16.0
22.5°	45.6	40.2	35.5	30.7	27.6	25.1	22.5	20.7	19.0	17.5	16.6
21.25°	55.0	46.1	40.2	35.2	30.2	27.2	24.5	22.0	20.2	18.4	17.2
20°	70.6	55.0	45.6	39.6	34.4	29.2	26.5	23.7	21.4	19.6	17.7
18.75°	99.9	69.4	53.0	44.1	38.4	32.9	28.4	25.5	22.7	20.7	18.7
17.5°	134.3	95.8	66.3	50.7	42.2	36.6	30.9	27.3	24.3	21.7	19.7
16.25°	165.2	126.2	87.5	61.2	47.6	40.2	34.3	28.9	25.9	22.9	20.7
15°	190.3	156.0	112.9	75.3	54.2	43.6	37.5	31.5	27.4	24.3	21.6
13.75°	208.8	180.4	141.1	96.7	64.7	48.8	40.5	34.3	28.7	25.6	22.4
12.5°	226.2	198.4	164.3	119.7	78.3	54.6	43.3	37.0	30.7	26.8	23.6
11.25°	242.3	213.7	184.5	143.0	95.9	63.2	47.5	39.4	33.0	27.9	24.7
10°	259.8	227.8	198.1	161.6	113.6	71.6	51.3	41.6	35.1	29.0	25.6
8.75°	279.0	240.5	210.1	177.3	131.8	85.2	56.9	43.8	37.0	30.3	26.5
7.5°	296.1	252.0	220.7	189.6	147.7	97.2	62.7	46.7	38.6	31.9	27.3
6.25°	310.8	265.8	229.9	198.2	159.2	108.1	67.7	49.1	40.0	33.3	27.9
5°	323.0	277.3	237.4	205.4	168.6	118.8	73.2	51.2	41.2	34.4	28.4
3.75°	332.7	286.4	243.4	211.0	175.9	127.2	79.5	53.0	42.1	35.2	28.9
2.5°	339.7	292.9	247.6	215.0	181.2	133.2	84.1	55.2	42.8	35.9	29.2
1.25°	343.9	296.9	250.2	217.4	184.3	136.9	86.8	56.5	43.2	36.2	29.3
0°	345.3	298.2	251.1	218.3	185.4	138.1	87.7	57.0	43.3	36.4	29.4
-1.25°	343.9	296.9	250.2	217.4	184.3	136.9	86.8	56.5	43.2	36.2	29.3
-2.5°	339.7	292.9	247.6	215.0	181.2	133.2	84.1	55.2	42.8	35.9	29.2
-3.75°	332.7	286.4	243.4	211.0	175.9	127.2	79.5	53.0	42.1	35.2	28.9
-5°	323.0	277.3	237.4	205.4	168.6	118.8	73.2	51.2	41.2	34.4	28.4
-6.25°	310.8	265.8	229.9	198.2	159.2	108.1	67.7	49.1	40.0	33.3	27.9
-7.5°	296.1	252.0	220.7	189.6	147.7	97.2	62.7	46.7	38.6	31.9	27.3
-8.75°	279.0	240.5	210.1	177.3	131.8	85.2	56.9	43.8	37.0	30.3	26.5
-10°	259.8	227.8	198.1	161.6	113.6	71.6	51.3	41.6	35.1	29.0	25.6
-11.25°	242.3	213.7	184.5	143.0	95.9	63.2	47.5	39.4	33.0	27.9	24.7
-12.5°	226.2	198.4	164.3	119.7	78.3	54.6	43.3	37.0	30.7	26.8	23.6
-13.75°	208.8	180.4	141.1	96.7	64.7	48.8	40.5	34.3	28.7	25.6	22.4
-15°	190.3	156.0	112.9	75.3	54.2	43.6	37.5	31.5	27.4	24.3	21.6
-16.25°	165.2	126.2	87.5	61.2	47.6	40.2	34.3	28.9	25.9	22.9	20.7
-17.5°	134.3	95.8	66.3	50.7	42.2	36.6	30.9	27.3	24.3	21.7	19.7
-18.75°	99.9	69.4	53.0	44.1	38.4	32.9	28.4	25.5	22.7	20.7	18.7
-20°	70.6	55.0	45.6	39.6	34.4	29.2	26.5	23.7	21.4	19.6	17.7
-21.25°	55.0	46.1	40.2	35.2	30.2	27.2	24.5	22.0	20.2	18.4	17.2



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	45.6	40.2	35.5	30.7	27.6	25.1	22.5	20.7	19.0	17.5	16.6
-23.75°	39.6	35.2	30.7	27.7	25.3	22.9	21.1	19.4	17.7	16.9	16.0
-25°	34.4	30.2	27.6	25.3	23.0	21.2	19.6	18.0	17.1	16.2	15.4
-26.25°	29.2	27.2	25.1	22.9	21.2	19.7	18.2	17.2	16.4	15.6	15.0
-27.5°	26.5	24.5	22.5	21.1	19.6	18.2	17.2	16.5	15.7	15.1	14.5
-28.75°	23.7	22.0	20.7	19.4	18.0	17.2	16.5	15.7	15.1	14.6	14.0
-30°	21.4	20.2	19.0	17.7	17.1	16.4	15.7	15.1	14.6	14.1	13.7
-31.25°	19.6	18.4	17.5	16.9	16.2	15.6	15.1	14.6	14.1	13.7	13.5
-32.5°	17.7	17.2	16.6	16.0	15.4	15.0	14.5	14.0	13.7	13.5	13.2
-33.75°	16.8	16.2	15.7	15.2	14.8	14.4	13.9	13.7	13.4	13.2	13.0
-35°	15.8	15.4	15.0	14.6	14.2	13.8	13.6	13.4	13.2	12.9	12.7
-36.25°	15.0	14.7	14.3	13.9	13.7	13.5	13.3	13.1	12.9	12.7	12.5
-37.5°	14.3	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.7	12.5	12.2
-38.75°	13.8	13.6	13.5	13.3	13.1	12.9	12.8	12.6	12.4	12.2	12.0
-40°	13.4	13.3	13.1	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.7
-41.25°	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.0	11.8	11.6	11.6
-42.5°	12.8	12.7	12.5	12.4	12.2	12.0	11.9	11.7	11.6	11.6	11.6
-43.75°	12.5	12.3	12.2	12.0	11.9	11.7	11.6	11.6	11.6	11.6	11.6
-45°	12.1	12.0	11.9	11.7	11.6	11.6	11.6	11.6	11.6	11.5	11.3
-46.25°	11.8	11.6	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.2	11.0
-47.5°	11.6	11.6	11.6	11.6	11.6	11.5	11.4	11.2	11.1	10.9	10.7
-48.75°	11.6	11.6	11.6	11.5	11.3	11.2	11.1	10.9	10.7	10.6	10.4
-50°	11.5	11.4	11.3	11.1	11.0	10.9	10.7	10.6	10.4	10.3	10.1
-51.25°	11.1	11.0	10.9	10.8	10.7	10.5	10.4	10.3	10.1	10.0	9.8
-52.5°	10.8	10.7	10.6	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5
-53.75°	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3
-55°	10.0	9.9	9.9	9.8	9.7	9.6	9.5	9.4	9.2	9.1	9.0
-56.25°	9.7	9.6	9.5	9.5	9.4	9.3	9.1	9.0	8.9	8.8	8.6
-57.5°	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.3
-58.75°	9.0	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.2	8.1	8.0
-60°	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7
-61.25°	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.5	7.4
-62.5°	7.9	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1
-63.75°	7.6	7.5	7.5	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.8
-65°	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.8	6.7	6.6	6.5
-66.25°	6.9	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.2	6.2
-67.5°	6.5	6.5	6.4	6.4	6.3	6.2	6.1	6.1	6.0	5.9	5.8
-68.75°	6.2	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.7	5.6	5.5
-70°	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.3	5.2	5.2
-71.25°	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.0	5.0	4.9	4.8
-72.5°	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.6	4.6	4.6
-73.75°	4.7	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°	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.3	4.2	4.1	4.0
-77.5°	4.1	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.4



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	3.4	3.4	3.3	3.3	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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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°	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7
76.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9
75°	4.6	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.4	3.3
73.75°	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.2	4.1	3.9	3.8
72.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.3
71.25°	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
70°	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.6	4.6	4.6	4.6
68.75°	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.6
67.5°	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.8	4.7
66.25°	6.1	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0
65°	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.2
63.75°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.6	5.5
62.5°	7.0	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.0	5.9	5.8
61.25°	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.3	6.2	6.0
60°	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.3
58.75°	7.9	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.7	6.5
57.5°	8.2	8.1	7.9	7.8	7.6	7.5	7.4	7.2	7.1	6.9	6.8
56.25°	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3	7.2	7.0
55°	8.8	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.6	7.4	7.2
53.75°	9.1	9.0	8.8	8.7	8.5	8.3	8.1	8.0	7.8	7.6	7.5
52.5°	9.4	9.3	9.1	8.9	8.8	8.6	8.4	8.2	8.0	7.9	7.7
51.25°	9.7	9.5	9.4	9.2	9.1	8.9	8.7	8.5	8.3	8.1	7.9
50°	9.9	9.8	9.6	9.5	9.3	9.1	8.9	8.8	8.6	8.4	8.1
48.75°	10.2	10.1	9.9	9.7	9.6	9.4	9.2	9.0	8.8	8.6	8.4
47.5°	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.3	9.0	8.8	8.6
46.25°	10.8	10.6	10.4	10.2	10.0	9.9	9.7	9.5	9.3	9.1	8.8
45°	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1
43.75°	11.4	11.2	11.0	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3
42.5°	11.6	11.5	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.7	9.5
41.25°	11.6	11.6	11.5	11.3	11.1	10.9	10.6	10.4	10.1	9.9	9.7
40°	11.6	11.6	11.6	11.6	11.3	11.1	10.9	10.6	10.4	10.1	9.9
38.75°	11.7	11.6	11.6	11.6	11.6	11.3	11.1	10.8	10.6	10.3	10.0
37.5°	12.0	11.8	11.6	11.6	11.6	11.6	11.3	11.1	10.8	10.5	10.2
36.25°	12.3	12.0	11.8	11.6	11.6	11.6	11.5	11.3	11.0	10.7	10.4
35°	12.5	12.3	12.0	11.8	11.6	11.6	11.6	11.5	11.2	10.9	10.6



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	12.7	12.5	12.3	12.0	11.7	11.6	11.6	11.6	11.4	11.1	10.8
32.5°	13.0	12.7	12.5	12.2	12.0	11.7	11.6	11.6	11.6	11.3	11.0
31.25°	13.2	12.9	12.7	12.5	12.2	11.9	11.6	11.6	11.6	11.5	11.2
30°	13.4	13.2	12.9	12.7	12.4	12.1	11.8	11.6	11.6	11.6	11.4
28.75°	13.7	13.4	13.1	12.8	12.6	12.3	12.0	11.7	11.6	11.6	11.5
27.5°	13.9	13.6	13.3	13.0	12.8	12.5	12.2	11.9	11.6	11.6	11.6
26.25°	14.4	13.8	13.5	13.2	12.9	12.7	12.4	12.0	11.7	11.6	11.6
25°	14.8	14.2	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.6	11.6
23.75°	15.2	14.6	13.9	13.6	13.3	13.0	12.7	12.4	12.0	11.7	11.6
22.5°	15.7	15.0	14.3	13.8	13.5	13.1	12.8	12.5	12.2	11.9	11.6
21.25°	16.2	15.4	14.7	14.0	13.6	13.3	13.0	12.7	12.3	12.0	11.6
20°	16.8	15.8	15.0	14.3	13.8	13.4	13.1	12.8	12.5	12.1	11.8
18.75°	17.3	16.3	15.4	14.7	14.0	13.6	13.2	12.9	12.6	12.3	11.9
17.5°	17.8	16.8	15.8	15.0	14.3	13.7	13.4	13.0	12.7	12.4	12.0
16.25°	18.7	17.2	16.2	15.3	14.5	13.9	13.5	13.1	12.8	12.5	12.1
15°	19.5	17.6	16.6	15.5	14.8	14.0	13.6	13.2	12.9	12.6	12.2
13.75°	20.3	18.2	16.9	15.9	15.0	14.3	13.7	13.3	13.0	12.6	12.3
12.5°	21.1	18.9	17.3	16.2	15.2	14.5	13.8	13.4	13.1	12.7	12.4
11.25°	21.7	19.6	17.6	16.5	15.4	14.7	13.9	13.5	13.1	12.8	12.5
10°	22.3	20.1	17.9	16.8	15.7	14.8	14.1	13.6	13.2	12.9	12.5
8.75°	23.1	20.7	18.4	17.0	15.9	15.0	14.2	13.7	13.3	12.9	12.6
7.5°	23.9	21.1	18.9	17.2	16.1	15.1	14.3	13.7	13.3	13.0	12.6
6.25°	24.5	21.5	19.3	17.4	16.3	15.2	14.5	13.8	13.4	13.0	12.7
5°	25.0	21.8	19.6	17.5	16.4	15.3	14.5	13.8	13.4	13.0	12.7
3.75°	25.4	22.1	19.8	17.7	16.5	15.4	14.6	13.9	13.5	13.1	12.7
2.5°	25.7	22.3	20.0	17.7	16.6	15.5	14.7	13.9	13.5	13.1	12.7
1.25°	25.8	22.4	20.1	17.8	16.6	15.5	14.7	13.9	13.5	13.1	12.7
0°	25.9	22.4	20.1	17.8	16.7	15.5	14.7	13.9	13.5	13.1	12.8
-1.25°	25.8	22.4	20.1	17.8	16.6	15.5	14.7	13.9	13.5	13.1	12.7
-2.5°	25.7	22.3	20.0	17.7	16.6	15.5	14.7	13.9	13.5	13.1	12.7
-3.75°	25.4	22.1	19.8	17.7	16.5	15.4	14.6	13.9	13.5	13.1	12.7
-5°	25.0	21.8	19.6	17.5	16.4	15.3	14.5	13.8	13.4	13.0	12.7
-6.25°	24.5	21.5	19.3	17.4	16.3	15.2	14.5	13.8	13.4	13.0	12.7
-7.5°	23.9	21.1	18.9	17.2	16.1	15.1	14.3	13.7	13.3	13.0	12.6
-8.75°	23.1	20.7	18.4	17.0	15.9	15.0	14.2	13.7	13.3	12.9	12.6
-10°	22.3	20.1	17.9	16.8	15.7	14.8	14.1	13.6	13.2	12.9	12.5
-11.25°	21.7	19.6	17.6	16.5	15.4	14.7	13.9	13.5	13.1	12.8	12.5
-12.5°	21.1	18.9	17.3	16.2	15.2	14.5	13.8	13.4	13.1	12.7	12.4
-13.75°	20.3	18.2	16.9	15.9	15.0	14.3	13.7	13.3	13.0	12.6	12.3
-15°	19.5	17.6	16.6	15.5	14.8	14.0	13.6	13.2	12.9	12.6	12.2
-16.25°	18.7	17.2	16.2	15.3	14.5	13.9	13.5	13.1	12.8	12.5	12.1
-17.5°	17.8	16.8	15.8	15.0	14.3	13.7	13.4	13.0	12.7	12.4	12.0
-18.75°	17.3	16.3	15.4	14.7	14.0	13.6	13.2	12.9	12.6	12.3	11.9
-20°	16.8	15.8	15.0	14.3	13.8	13.4	13.1	12.8	12.5	12.1	11.8
-21.25°	16.2	15.4	14.7	14.0	13.6	13.3	13.0	12.7	12.3	12.0	11.6



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	15.7	15.0	14.3	13.8	13.5	13.1	12.8	12.5	12.2	11.9	11.6
-23.75°	15.2	14.6	13.9	13.6	13.3	13.0	12.7	12.4	12.0	11.7	11.6
-25°	14.8	14.2	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.6	11.6
-26.25°	14.4	13.8	13.5	13.2	12.9	12.7	12.4	12.0	11.7	11.6	11.6
-27.5°	13.9	13.6	13.3	13.0	12.8	12.5	12.2	11.9	11.6	11.6	11.6
-28.75°	13.7	13.4	13.1	12.8	12.6	12.3	12.0	11.7	11.6	11.6	11.5
-30°	13.4	13.2	12.9	12.7	12.4	12.1	11.8	11.6	11.6	11.6	11.4
-31.25°	13.2	12.9	12.7	12.5	12.2	11.9	11.6	11.6	11.6	11.5	11.2
-32.5°	13.0	12.7	12.5	12.2	12.0	11.7	11.6	11.6	11.6	11.3	11.0
-33.75°	12.7	12.5	12.3	12.0	11.7	11.6	11.6	11.6	11.4	11.1	10.8
-35°	12.5	12.3	12.0	11.8	11.6	11.6	11.6	11.5	11.2	10.9	10.6
-36.25°	12.3	12.0	11.8	11.6	11.6	11.6	11.5	11.3	11.0	10.7	10.4
-37.5°	12.0	11.8	11.6	11.6	11.6	11.6	11.3	11.1	10.8	10.5	10.2
-38.75°	11.7	11.6	11.6	11.6	11.6	11.3	11.1	10.8	10.6	10.3	10.0
-40°	11.6	11.6	11.6	11.6	11.3	11.1	10.9	10.6	10.4	10.1	9.9
-41.25°	11.6	11.6	11.5	11.3	11.1	10.9	10.6	10.4	10.1	9.9	9.7
-42.5°	11.6	11.5	11.3	11.1	10.8	10.6	10.4	10.1	9.9	9.7	9.5
-43.75°	11.4	11.2	11.0	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3
-45°	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1
-46.25°	10.8	10.6	10.4	10.2	10.0	9.9	9.7	9.5	9.3	9.1	8.8
-47.5°	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.3	9.0	8.8	8.6
-48.75°	10.2	10.1	9.9	9.7	9.6	9.4	9.2	9.0	8.8	8.6	8.4
-50°	9.9	9.8	9.6	9.5	9.3	9.1	8.9	8.8	8.6	8.4	8.1
-51.25°	9.7	9.5	9.4	9.2	9.1	8.9	8.7	8.5	8.3	8.1	7.9
-52.5°	9.4	9.3	9.1	8.9	8.8	8.6	8.4	8.2	8.0	7.9	7.7
-53.75°	9.1	9.0	8.8	8.7	8.5	8.3	8.1	8.0	7.8	7.6	7.5
-55°	8.8	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.6	7.4	7.2
-56.25°	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3	7.2	7.0
-57.5°	8.2	8.1	7.9	7.8	7.6	7.5	7.4	7.2	7.1	6.9	6.8
-58.75°	7.9	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.7	6.5
-60°	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.3
-61.25°	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.3	6.2	6.0
-62.5°	7.0	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.0	5.9	5.8
-63.75°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.6	5.5
-65°	6.4	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.2
-66.25°	6.1	6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0
-67.5°	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.0	4.9	4.8	4.7
-68.75°	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.6
-70°	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.6	4.6	4.6	4.6
-71.25°	4.8	4.7	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	4.5	4.3
-73.75°	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.2	4.1	3.9	3.8
-75°	4.6	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.4	3.3
-76.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9
-77.5°	3.3	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.7



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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°	3.6	3.5	3.3	3.2	3.0	2.9	2.9	2.8	2.7	2.6	2.5
72.5°	4.1	4.0	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.8	2.7
71.25°	4.6	4.4	4.3	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.9
70°	4.6	4.6	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.1
68.75°	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.8	3.6	3.4
67.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.2	4.0	3.7
66.25°	4.9	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	4.1
65°	5.1	5.0	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.4
63.75°	5.4	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.6	4.6	4.6
62.5°	5.6	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.6	4.6	4.6
61.25°	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.6	4.6
60°	6.1	6.0	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.6
58.75°	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6
57.5°	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.8
56.25°	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0
55°	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1
53.75°	7.3	7.1	6.9	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.3
52.5°	7.5	7.3	7.1	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.5
51.25°	7.7	7.5	7.3	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.6
50°	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8
48.75°	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
47.5°	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.1
46.25°	8.6	8.4	8.1	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3
45°	8.8	8.6	8.4	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4
43.75°	9.0	8.8	8.6	8.3	8.0	7.8	7.6	7.3	7.1	6.8	6.6
42.5°	9.3	9.0	8.8	8.5	8.2	8.0	7.7	7.5	7.2	7.0	6.7
41.25°	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.9
40°	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.0
38.75°	9.8	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.1
37.5°	10.0	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.2
36.25°	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.4
35°	10.4	10.1	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.7	7.5



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	10.5	10.2	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6
32.5°	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.6	8.3	8.0	7.7
31.25°	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.1	7.8
30°	11.1	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.9
28.75°	11.2	10.9	10.6	10.3	9.9	9.6	9.4	9.0	8.7	8.4	8.0
27.5°	11.4	11.1	10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.5	8.1
26.25°	11.5	11.2	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.2
25°	11.6	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.0	8.7	8.3
23.75°	11.6	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.1	8.8	8.4
22.5°	11.6	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.2	8.9	8.5
21.25°	11.6	11.6	11.4	11.0	10.7	10.3	9.9	9.6	9.3	9.0	8.6
20°	11.6	11.6	11.5	11.1	10.8	10.4	10.0	9.7	9.4	9.0	8.7
18.75°	11.6	11.6	11.6	11.2	10.9	10.5	10.1	9.8	9.5	9.1	8.7
17.5°	11.6	11.6	11.6	11.3	11.0	10.6	10.2	9.9	9.5	9.2	8.8
16.25°	11.7	11.6	11.6	11.4	11.0	10.7	10.3	9.9	9.6	9.3	8.9
15°	11.8	11.6	11.6	11.5	11.1	10.7	10.4	10.0	9.7	9.3	8.9
13.75°	11.9	11.6	11.6	11.6	11.2	10.8	10.4	10.1	9.7	9.4	9.0
12.5°	12.0	11.6	11.6	11.6	11.3	10.9	10.5	10.1	9.8	9.4	9.1
11.25°	12.1	11.7	11.6	11.6	11.3	10.9	10.6	10.2	9.8	9.5	9.1
10°	12.1	11.8	11.6	11.6	11.4	11.0	10.6	10.2	9.8	9.5	9.1
8.75°	12.2	11.8	11.6	11.6	11.4	11.0	10.7	10.3	9.9	9.5	9.2
7.5°	12.3	11.9	11.6	11.6	11.5	11.1	10.7	10.3	9.9	9.6	9.2
6.25°	12.3	11.9	11.6	11.6	11.5	11.1	10.7	10.3	9.9	9.6	9.2
5°	12.3	11.9	11.6	11.6	11.5	11.1	10.8	10.4	10.0	9.6	9.3
3.75°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.6	9.3
2.5°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.6	9.3
1.25°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.6	9.3
0°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.7	9.3
-1.25°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.6	9.3
-2.5°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.6	9.3
-3.75°	12.4	12.0	11.6	11.6	11.6	11.2	10.8	10.4	10.0	9.6	9.3
-5°	12.3	11.9	11.6	11.6	11.5	11.1	10.8	10.4	10.0	9.6	9.3
-6.25°	12.3	11.9	11.6	11.6	11.5	11.1	10.7	10.3	9.9	9.6	9.2
-7.5°	12.3	11.9	11.6	11.6	11.5	11.1	10.7	10.3	9.9	9.6	9.2
-8.75°	12.2	11.8	11.6	11.6	11.4	11.0	10.7	10.3	9.9	9.5	9.2
-10°	12.1	11.8	11.6	11.6	11.4	11.0	10.6	10.2	9.8	9.5	9.1
-11.25°	12.1	11.7	11.6	11.6	11.3	10.9	10.6	10.2	9.8	9.5	9.1
-12.5°	12.0	11.6	11.6	11.6	11.3	10.9	10.5	10.1	9.8	9.4	9.1
-13.75°	11.9	11.6	11.6	11.6	11.2	10.8	10.4	10.1	9.7	9.4	9.0
-15°	11.8	11.6	11.6	11.5	11.1	10.7	10.4	10.0	9.7	9.3	8.9
-16.25°	11.7	11.6	11.6	11.4	11.0	10.7	10.3	9.9	9.6	9.3	8.9
-17.5°	11.6	11.6	11.6	11.3	11.0	10.6	10.2	9.9	9.5	9.2	8.8
-18.75°	11.6	11.6	11.6	11.2	10.9	10.5	10.1	9.8	9.5	9.1	8.7
-20°	11.6	11.6	11.5	11.1	10.8	10.4	10.0	9.7	9.4	9.0	8.7
-21.25°	11.6	11.6	11.4	11.0	10.7	10.3	9.9	9.6	9.3	9.0	8.6



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	11.6	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.2	8.9	8.5
-23.75°	11.6	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.1	8.8	8.4
-25°	11.6	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.0	8.7	8.3
-26.25°	11.5	11.2	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.2
-27.5°	11.4	11.1	10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.5	8.1
-28.75°	11.2	10.9	10.6	10.3	9.9	9.6	9.4	9.0	8.7	8.4	8.0
-30°	11.1	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.9
-31.25°	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.1	7.8
-32.5°	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.6	8.3	8.0	7.7
-33.75°	10.5	10.2	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6
-35°	10.4	10.1	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.7	7.5
-36.25°	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.4
-37.5°	10.0	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.2
-38.75°	9.8	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.1
-40°	9.6	9.4	9.1	8.9	8.6	8.3	8.0	7.8	7.5	7.3	7.0
-41.25°	9.4	9.2	8.9	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.9
-42.5°	9.3	9.0	8.8	8.5	8.2	8.0	7.7	7.5	7.2	7.0	6.7
-43.75°	9.0	8.8	8.6	8.3	8.0	7.8	7.6	7.3	7.1	6.8	6.6
-45°	8.8	8.6	8.4	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4
-46.25°	8.6	8.4	8.1	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3
-47.5°	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.1
-48.75°	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
-50°	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8
-51.25°	7.7	7.5	7.3	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.6
-52.5°	7.5	7.3	7.1	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.5
-53.75°	7.3	7.1	6.9	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.3
-55°	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1
-56.25°	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0
-57.5°	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.8
-58.75°	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6
-60°	6.1	6.0	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.6
-61.25°	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.6	4.6
-62.5°	5.6	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.6	4.6	4.6
-63.75°	5.4	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.6	4.6	4.6
-65°	5.1	5.0	4.8	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.4
-66.25°	4.9	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	4.1
-67.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.2	4.0	3.7
-68.75°	4.6	4.6	4.6	4.6	4.6	4.5	4.3	4.1	3.8	3.6	3.4
-70°	4.6	4.6	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.1
-71.25°	4.6	4.4	4.3	4.1	3.9	3.7	3.5	3.3	3.1	3.0	2.9
-72.5°	4.1	4.0	3.8	3.6	3.4	3.2	3.1	3.0	2.9	2.8	2.7
-73.75°	3.6	3.5	3.3	3.2	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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	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°	3.5	3.2	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9
66.25°	3.8	3.5	3.3	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0
65°	4.1	3.9	3.6	3.3	3.0	2.9	2.7	2.6	2.4	2.2	2.1
63.75°	4.5	4.2	3.9	3.6	3.3	3.0	2.9	2.7	2.5	2.3	2.2
62.5°	4.6	4.5	4.2	3.9	3.5	3.2	3.0	2.8	2.6	2.5	2.3
61.25°	4.6	4.6	4.5	4.1	3.8	3.5	3.1	2.9	2.7	2.6	2.4
60°	4.6	4.6	4.6	4.4	4.1	3.7	3.4	3.1	2.9	2.7	2.5
58.75°	4.6	4.6	4.6	4.6	4.3	4.0	3.6	3.2	3.0	2.8	2.6
57.5°	4.6	4.6	4.6	4.6	4.6	4.2	3.8	3.5	3.1	2.9	2.7
56.25°	4.8	4.6	4.6	4.6	4.6	4.5	4.1	3.7	3.3	3.0	2.8
55°	4.9	4.7	4.6	4.6	4.6	4.6	4.3	3.9	3.5	3.1	2.9
53.75°	5.1	4.9	4.7	4.6	4.6	4.6	4.5	4.1	3.7	3.2	2.9
52.5°	5.2	5.0	4.8	4.6	4.6	4.6	4.6	4.3	3.9	3.4	3.0
51.25°	5.4	5.2	4.9	4.7	4.6	4.6	4.6	4.5	4.1	3.6	3.2
50°	5.6	5.3	5.1	4.8	4.6	4.6	4.6	4.6	4.3	3.8	3.3
48.75°	5.7	5.5	5.2	5.0	4.7	4.6	4.6	4.6	4.4	4.0	3.5
47.5°	5.9	5.6	5.4	5.1	4.9	4.6	4.6	4.6	4.6	4.1	3.6
46.25°	6.0	5.8	5.5	5.2	5.0	4.7	4.6	4.6	4.6	4.3	3.8
45°	6.2	5.9	5.6	5.4	5.1	4.8	4.6	4.6	4.6	4.5	3.9
43.75°	6.3	6.0	5.8	5.5	5.2	4.9	4.7	4.6	4.6	4.6	4.1
42.5°	6.4	6.2	5.9	5.6	5.3	5.0	4.8	4.6	4.6	4.6	4.2
41.25°	6.6	6.3	6.0	5.7	5.4	5.2	4.9	4.6	4.6	4.6	4.4
40°	6.7	6.4	6.1	5.8	5.6	5.3	5.0	4.7	4.6	4.6	4.5
38.75°	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.6	4.6	4.6
37.5°	7.0	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.6	4.6	4.6
36.25°	7.1	6.8	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.6	4.6
35°	7.2	6.9	6.6	6.3	6.0	5.6	5.3	5.0	4.7	4.6	4.6



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	7.3	7.0	6.7	6.4	6.1	5.7	5.4	5.1	4.8	4.6	4.6
32.5°	7.4	7.1	6.8	6.5	6.2	5.8	5.5	5.2	4.8	4.6	4.6
31.25°	7.5	7.2	6.9	6.6	6.2	5.9	5.6	5.2	4.9	4.6	4.6
30°	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.6	4.6
28.75°	7.7	7.4	7.1	6.8	6.4	6.1	5.7	5.4	5.0	4.7	4.6
27.5°	7.8	7.5	7.2	6.8	6.5	6.1	5.8	5.5	5.1	4.8	4.6
26.25°	7.9	7.6	7.2	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.6
25°	8.0	7.6	7.3	7.0	6.7	6.3	5.9	5.6	5.2	4.9	4.6
23.75°	8.1	7.7	7.4	7.1	6.7	6.4	6.0	5.6	5.3	4.9	4.6
22.5°	8.1	7.8	7.5	7.1	6.8	6.4	6.1	5.7	5.3	5.0	4.6
21.25°	8.2	7.9	7.5	7.2	6.9	6.5	6.1	5.7	5.4	5.0	4.6
20°	8.3	7.9	7.6	7.3	6.9	6.5	6.2	5.8	5.4	5.1	4.7
18.75°	8.4	8.0	7.6	7.3	7.0	6.6	6.2	5.8	5.5	5.1	4.7
17.5°	8.4	8.1	7.7	7.4	7.0	6.6	6.3	5.9	5.5	5.1	4.8
16.25°	8.5	8.1	7.7	7.4	7.1	6.7	6.3	5.9	5.6	5.2	4.8
15°	8.6	8.2	7.8	7.4	7.1	6.7	6.4	6.0	5.6	5.2	4.8
13.75°	8.6	8.2	7.8	7.5	7.1	6.8	6.4	6.0	5.6	5.2	4.8
12.5°	8.7	8.3	7.9	7.5	7.2	6.8	6.4	6.0	5.7	5.3	4.9
11.25°	8.7	8.3	7.9	7.6	7.2	6.9	6.5	6.1	5.7	5.3	4.9
10°	8.7	8.4	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.3	4.9
8.75°	8.8	8.4	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.3	4.9
7.5°	8.8	8.4	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.4	5.0
6.25°	8.8	8.4	8.0	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
5°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
3.75°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
2.5°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
1.25°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
0°	8.9	8.5	8.1	7.7	7.4	7.0	6.6	6.2	5.8	5.4	5.0
-1.25°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
-2.5°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
-3.75°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
-5°	8.9	8.5	8.1	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
-6.25°	8.8	8.4	8.0	7.7	7.3	7.0	6.6	6.2	5.8	5.4	5.0
-7.5°	8.8	8.4	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.4	5.0
-8.75°	8.8	8.4	8.0	7.6	7.3	6.9	6.5	6.1	5.7	5.3	4.9
-10°	8.7	8.4	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.3	4.9
-11.25°	8.7	8.3	7.9	7.6	7.2	6.9	6.5	6.1	5.7	5.3	4.9
-12.5°	8.7	8.3	7.9	7.5	7.2	6.8	6.4	6.0	5.7	5.3	4.9
-13.75°	8.6	8.2	7.8	7.5	7.1	6.8	6.4	6.0	5.6	5.2	4.8
-15°	8.6	8.2	7.8	7.4	7.1	6.7	6.4	6.0	5.6	5.2	4.8
-16.25°	8.5	8.1	7.7	7.4	7.1	6.7	6.3	5.9	5.6	5.2	4.8
-17.5°	8.4	8.1	7.7	7.4	7.0	6.6	6.3	5.9	5.5	5.1	4.8
-18.75°	8.4	8.0	7.6	7.3	7.0	6.6	6.2	5.8	5.5	5.1	4.7
-20°	8.3	7.9	7.6	7.3	6.9	6.5	6.2	5.8	5.4	5.1	4.7
-21.25°	8.2	7.9	7.5	7.2	6.9	6.5	6.1	5.7	5.4	5.0	4.6



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
86.25°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
85°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
83.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
82.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
81.25°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
80°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
78.75°	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°	3.3	2.9	2.7	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.6
45°	3.4	3.0	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
43.75°	3.6	3.1	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
42.5°	3.7	3.2	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
41.25°	3.8	3.3	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
40°	4.0	3.4	3.0	2.7	2.3	2.0	1.7	1.4	1.2	0.9	0.6
38.75°	4.1	3.5	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
37.5°	4.2	3.6	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
36.25°	4.3	3.7	3.1	2.8	2.5	2.2	1.8	1.5	1.2	0.9	0.6
35°	4.4	3.8	3.2	2.8	2.5	2.2	1.9	1.5	1.2	1.0	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°
33.75°	4.6	3.9	3.3	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.7
32.5°	4.6	4.0	3.4	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
31.25°	4.6	4.1	3.5	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
30°	4.6	4.2	3.6	3.0	2.7	2.3	2.0	1.6	1.3	1.0	0.7
28.75°	4.6	4.3	3.7	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
27.5°	4.6	4.4	3.7	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
26.25°	4.6	4.5	3.8	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
25°	4.6	4.6	3.9	3.2	2.8	2.4	2.1	1.7	1.4	1.1	0.7
23.75°	4.6	4.6	4.0	3.3	2.8	2.5	2.1	1.7	1.4	1.1	0.7
22.5°	4.6	4.6	4.0	3.3	2.9	2.5	2.1	1.7	1.4	1.1	0.7
21.25°	4.6	4.6	4.1	3.4	2.9	2.5	2.1	1.8	1.4	1.1	0.7
20°	4.6	4.6	4.1	3.4	2.9	2.5	2.2	1.8	1.4	1.1	0.8
18.75°	4.6	4.6	4.2	3.5	2.9	2.6	2.2	1.8	1.4	1.1	0.8
17.5°	4.6	4.6	4.2	3.5	3.0	2.6	2.2	1.8	1.4	1.1	0.8
16.25°	4.6	4.6	4.3	3.6	3.0	2.6	2.2	1.8	1.4	1.1	0.8
15°	4.6	4.6	4.3	3.6	3.0	2.6	2.2	1.8	1.5	1.1	0.8
13.75°	4.6	4.6	4.4	3.7	3.0	2.6	2.2	1.8	1.5	1.1	0.8
12.5°	4.6	4.6	4.4	3.7	3.0	2.6	2.2	1.9	1.5	1.1	0.8
11.25°	4.6	4.6	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
10°	4.6	4.6	4.5	3.7	3.1	2.7	2.3	1.9	1.5	1.1	0.8
8.75°	4.6	4.6	4.5	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
7.5°	4.6	4.6	4.5	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
6.25°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
5°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
3.75°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
2.5°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
1.25°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
0°	4.6	4.6	4.6	3.9	3.1	2.7	2.3	1.9	1.5	1.2	0.8
-1.25°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-2.5°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-3.75°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-5°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-6.25°	4.6	4.6	4.6	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-7.5°	4.6	4.6	4.5	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-8.75°	4.6	4.6	4.5	3.8	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-10°	4.6	4.6	4.5	3.7	3.1	2.7	2.3	1.9	1.5	1.1	0.8
-11.25°	4.6	4.6	4.5	3.7	3.0	2.6	2.3	1.9	1.5	1.1	0.8
-12.5°	4.6	4.6	4.4	3.7	3.0	2.6	2.2	1.9	1.5	1.1	0.8
-13.75°	4.6	4.6	4.4	3.7	3.0	2.6	2.2	1.8	1.5	1.1	0.8
-15°	4.6	4.6	4.3	3.6	3.0	2.6	2.2	1.8	1.5	1.1	0.8
-16.25°	4.6	4.6	4.3	3.6	3.0	2.6	2.2	1.8	1.4	1.1	0.8
-17.5°	4.6	4.6	4.2	3.5	3.0	2.6	2.2	1.8	1.4	1.1	0.8
-18.75°	4.6	4.6	4.2	3.5	2.9	2.6	2.2	1.8	1.4	1.1	0.8
-20°	4.6	4.6	4.1	3.4	2.9	2.5	2.2	1.8	1.4	1.1	0.8
-21.25°	4.6	4.6	4.1	3.4	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°	4.6	4.6	4.0	3.3	2.9	2.5	2.1	1.7	1.4	1.1	0.7
-23.75°	4.6	4.6	4.0	3.3	2.8	2.5	2.1	1.7	1.4	1.1	0.7
-25°	4.6	4.6	3.9	3.2	2.8	2.4	2.1	1.7	1.4	1.1	0.7
-26.25°	4.6	4.5	3.8	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
-27.5°	4.6	4.4	3.7	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
-28.75°	4.6	4.3	3.7	3.1	2.7	2.4	2.0	1.7	1.3	1.0	0.7
-30°	4.6	4.2	3.6	3.0	2.7	2.3	2.0	1.6	1.3	1.0	0.7
-31.25°	4.6	4.1	3.5	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-32.5°	4.6	4.0	3.4	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
-33.75°	4.6	3.9	3.3	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.7
-35°	4.4	3.8	3.2	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.7
-36.25°	4.3	3.7	3.1	2.8	2.5	2.2	1.8	1.5	1.2	0.9	0.6
-37.5°	4.2	3.6	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-38.75°	4.1	3.5	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-40°	4.0	3.4	3.0	2.7	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-41.25°	3.8	3.3	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-42.5°	3.7	3.2	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.9	0.6
-43.75°	3.6	3.1	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.9	0.6
-45°	3.4	3.0	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
-46.25°	3.3	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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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: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220318 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED3097-M-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)