

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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

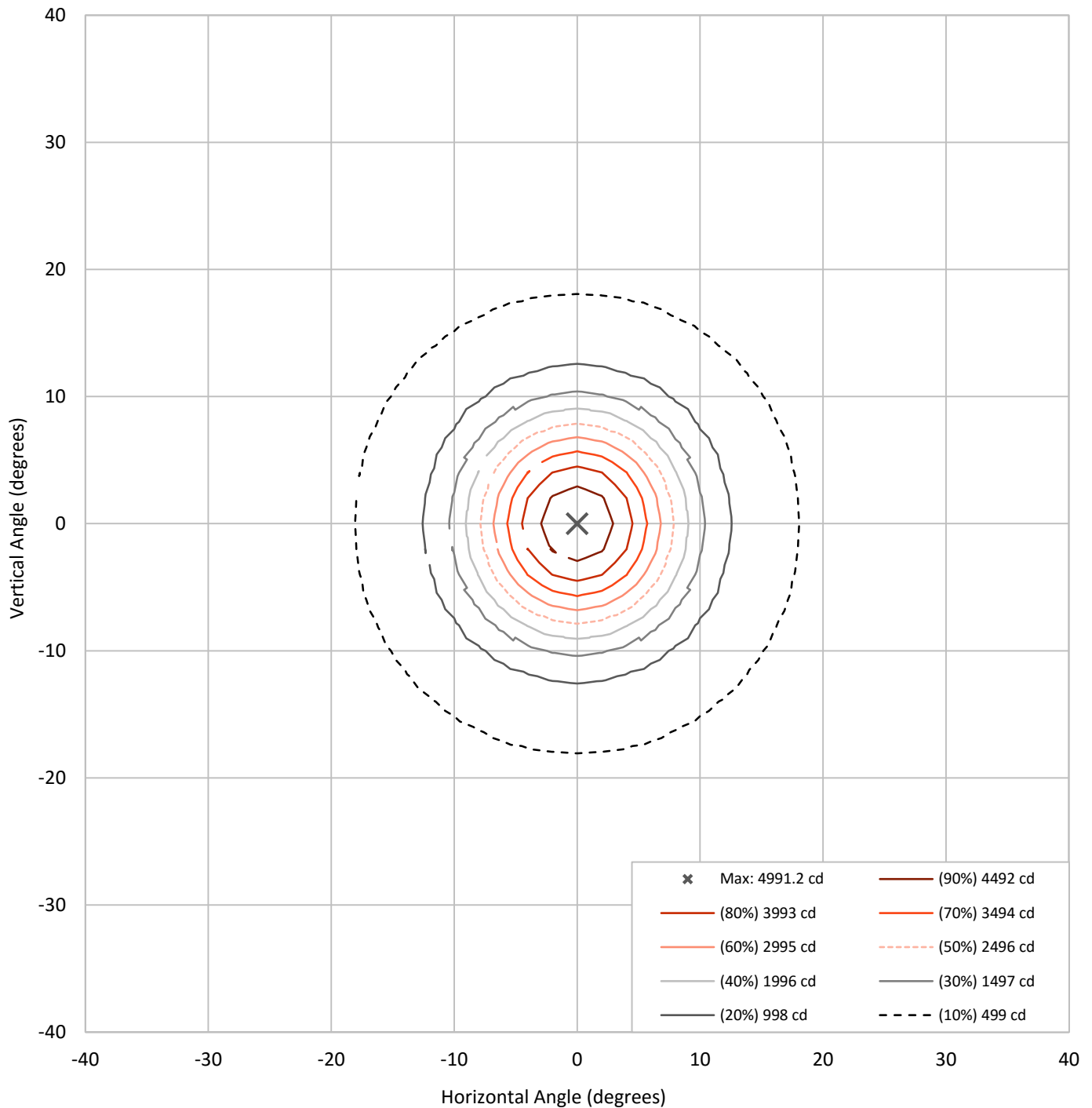
Test Method: LM-79-08
Report Number: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT
OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	680.8 lumens	Max Intensity:	4991.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.8°H x 15.8°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	207.7 lumens	Field Lumens:	458.3 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (A _{in}):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





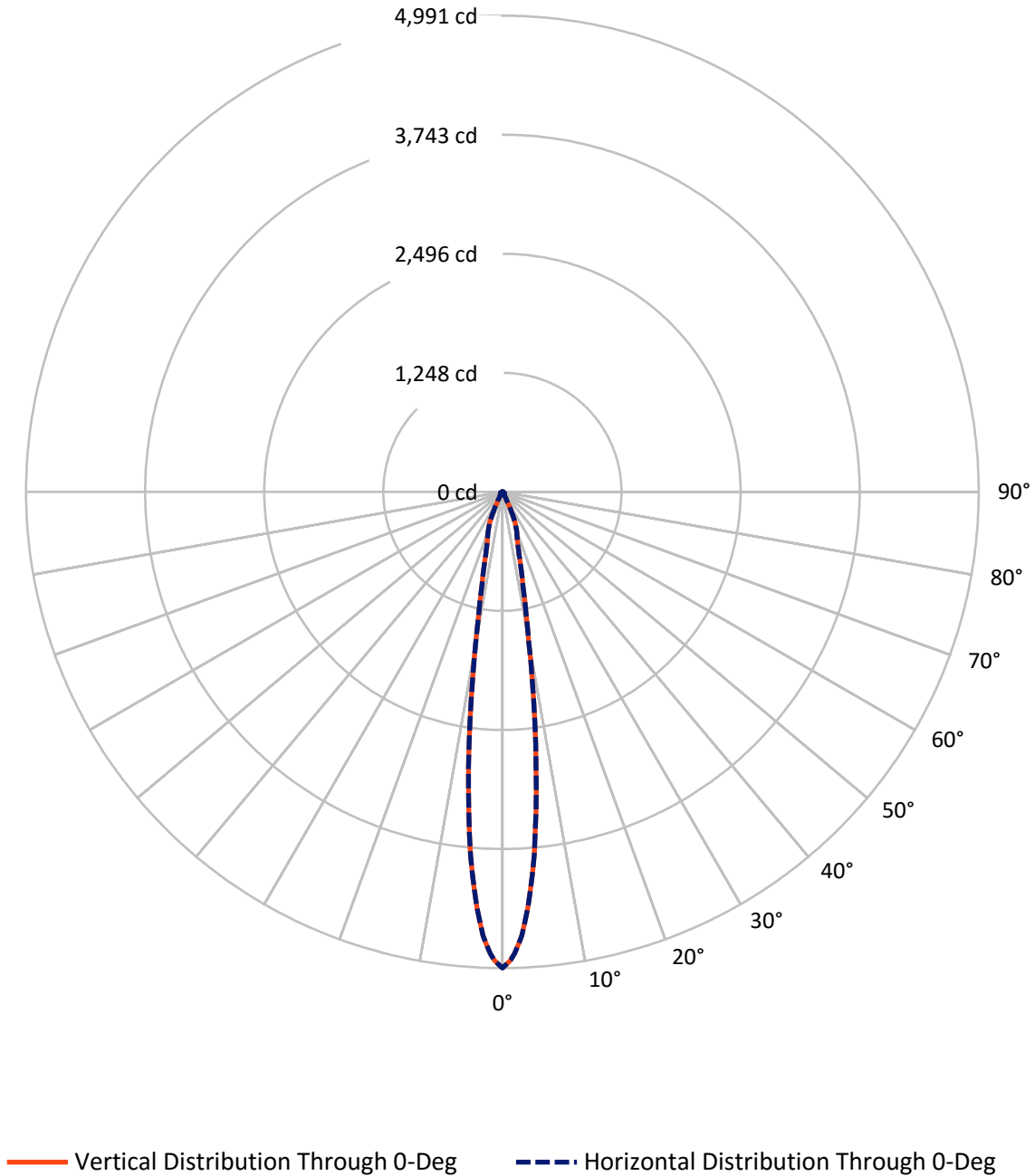
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Lumen Table

90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.1			
60		0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1				
50	0.1	0.1	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.1			
40		0.2	0.4	0.5	0.7	0.8	0.9	1.1	1.1	0.9	0.8	0.7	0.5	0.4	0.2				
30	0.1	0.2	0.4	0.6	0.7	1.0	2.5	5.8	5.8	2.5	1.0	0.7	0.6	0.4	0.2	0.1			
20		0.2	0.4	0.6	0.8	2.4	11.1	20.5	20.5	11.1	2.4	0.8	0.6	0.4	0.2				
10	0.2	0.2	0.4	0.6	0.9	5.3	20.0	79.9	79.9	20.0	5.3	0.9	0.6	0.4	0.2	0.2			
0		0.2	0.4	0.6	0.9	5.3	20.0	79.9	79.9	20.0	5.3	0.9	0.6	0.4	0.2				
-10	0.1	0.2	0.4	0.6	0.8	2.4	11.1	20.5	20.5	11.1	2.4	0.8	0.6	0.4	0.2	0.1			
-20		0.2	0.4	0.6	0.7	1.0	2.5	5.8	5.8	2.5	1.0	0.7	0.6	0.4	0.2				
-30	0.1	0.2	0.4	0.5	0.7	0.8	0.9	1.1	1.1	0.9	0.8	0.7	0.5	0.4	0.2	0.1			
-40		0.1	0.3	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1				
-50	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1				
-70	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0							0.0			
-80		0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
-90	0.0	0.2	0.4	0.6	0.7	0.6	0.4	0.2	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

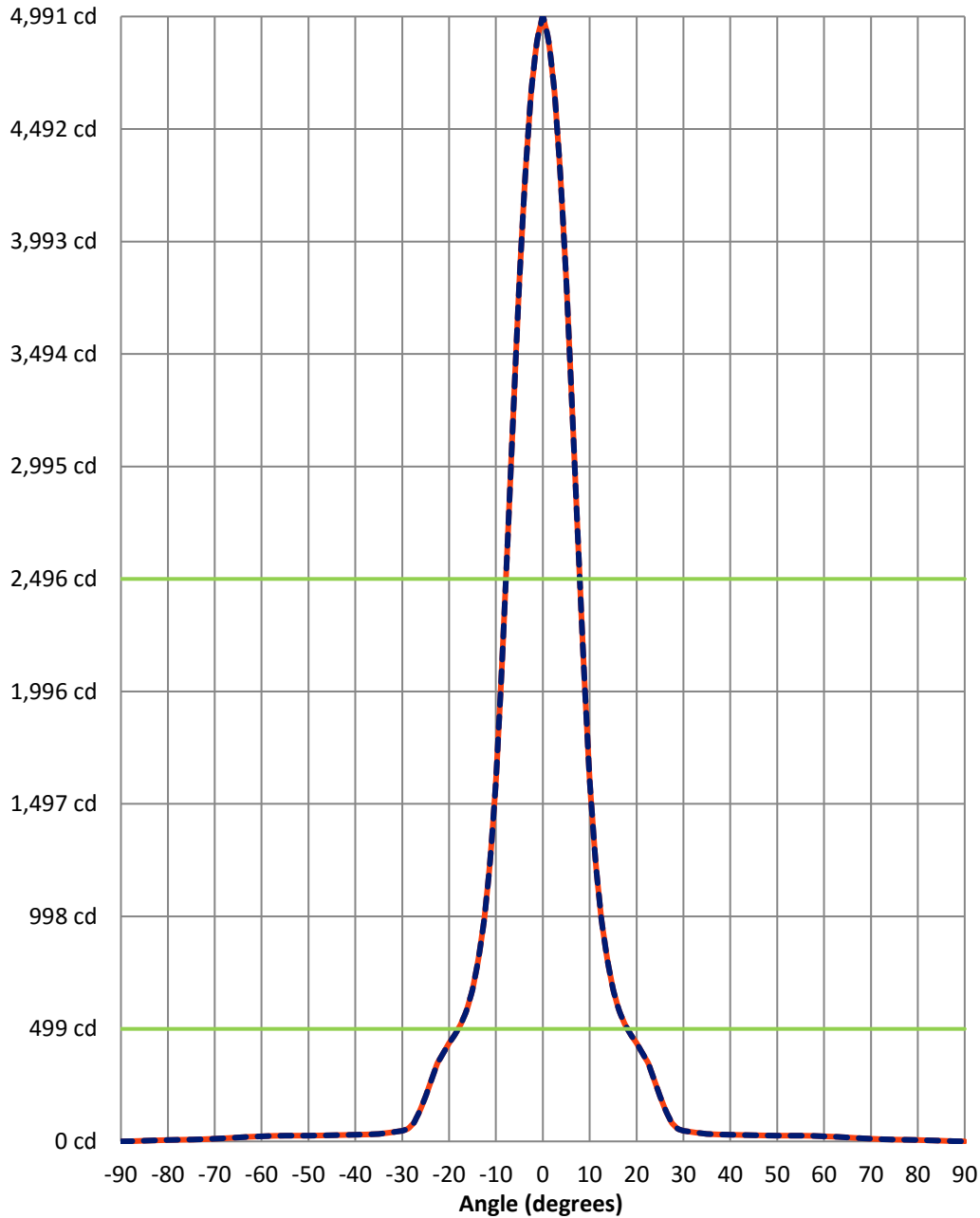
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 15.8°
V Angle: 15.8°
Lumens: 207.7
Efficiency: 30.5%

Field:
H Angle: 36.1°
V Angle: 36.1°
Lumens: 458.3
Efficiency: 67.3%

Spill:
Lumens: 222.4
Efficiency: 32.7%

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



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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	0.5	0.9	1.6	2.4	3.1	3.8	4.5	5.1	5.7	6.3
32.5°	0.0	0.5	0.9	1.6	2.4	3.2	3.8	4.5	5.2	5.8	6.3
31.25°	0.0	0.5	0.9	1.6	2.4	3.2	3.9	4.6	5.2	5.9	6.4
30°	0.0	0.5	1.0	1.7	2.5	3.3	4.0	4.6	5.3	5.9	6.5
28.75°	0.0	0.5	1.0	1.7	2.5	3.3	4.0	4.7	5.4	6.0	6.5
27.5°	0.0	0.5	1.0	1.7	2.6	3.3	4.1	4.8	5.4	6.1	6.6
26.25°	0.0	0.5	1.0	1.8	2.6	3.4	4.1	4.8	5.5	6.1	6.6
25°	0.0	0.5	1.0	1.8	2.6	3.4	4.1	4.9	5.5	6.2	6.7
23.75°	0.0	0.5	1.0	1.8	2.7	3.5	4.2	4.9	5.6	6.2	6.7
22.5°	0.0	0.5	1.0	1.8	2.7	3.5	4.2	4.9	5.6	6.3	6.8
21.25°	0.0	0.5	1.0	1.9	2.7	3.5	4.3	5.0	5.7	6.3	6.8
20°	0.0	0.5	1.0	1.9	2.8	3.6	4.3	5.0	5.7	6.3	6.9
18.75°	0.0	0.5	1.0	1.9	2.8	3.6	4.3	5.1	5.8	6.4	6.9
17.5°	0.0	0.5	1.0	1.9	2.8	3.6	4.4	5.1	5.8	6.4	6.9
16.25°	0.0	0.5	1.1	1.9	2.8	3.6	4.4	5.1	5.9	6.4	7.0
15°	0.0	0.5	1.1	2.0	2.9	3.7	4.4	5.2	5.9	6.5	7.0
13.75°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.2	5.9	6.5	7.0
12.5°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.2	6.0	6.5	7.1
11.25°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.2	6.0	6.6	7.1
10°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.3	6.0	6.6	7.1
8.75°	0.0	0.5	1.1	2.0	3.0	3.8	4.5	5.3	6.0	6.6	7.1
7.5°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.0	6.6	7.2
6.25°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
5°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
3.75°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
2.5°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
1.25°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
0°	0.0	0.5	1.1	2.1	3.0	3.8	4.6	5.4	6.1	6.7	7.2
-1.25°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
-2.5°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
-3.75°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
-5°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
-6.25°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.1	6.6	7.2
-7.5°	0.0	0.5	1.1	2.0	3.0	3.8	4.6	5.3	6.0	6.6	7.2
-8.75°	0.0	0.5	1.1	2.0	3.0	3.8	4.5	5.3	6.0	6.6	7.1
-10°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.3	6.0	6.6	7.1
-11.25°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.2	6.0	6.6	7.1
-12.5°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.2	6.0	6.5	7.1
-13.75°	0.0	0.5	1.1	2.0	2.9	3.7	4.5	5.2	5.9	6.5	7.0
-15°	0.0	0.5	1.1	2.0	2.9	3.7	4.4	5.2	5.9	6.5	7.0
-16.25°	0.0	0.5	1.1	1.9	2.8	3.6	4.4	5.1	5.9	6.4	7.0
-17.5°	0.0	0.5	1.0	1.9	2.8	3.6	4.4	5.1	5.8	6.4	6.9
-18.75°	0.0	0.5	1.0	1.9	2.8	3.6	4.3	5.1	5.8	6.4	6.9
-20°	0.0	0.5	1.0	1.9	2.8	3.6	4.3	5.0	5.7	6.3	6.9
-21.25°	0.0	0.5	1.0	1.9	2.7	3.5	4.3	5.0	5.7	6.3	6.8



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	1.0	1.8	2.7	3.5	4.2	4.9	5.6	6.3	6.8
-23.75°	0.0	0.5	1.0	1.8	2.7	3.5	4.2	4.9	5.6	6.2	6.7
-25°	0.0	0.5	1.0	1.8	2.6	3.4	4.1	4.9	5.5	6.2	6.7
-26.25°	0.0	0.5	1.0	1.8	2.6	3.4	4.1	4.8	5.5	6.1	6.6
-27.5°	0.0	0.5	1.0	1.7	2.6	3.3	4.1	4.8	5.4	6.1	6.6
-28.75°	0.0	0.5	1.0	1.7	2.5	3.3	4.0	4.7	5.4	6.0	6.5
-30°	0.0	0.5	1.0	1.7	2.5	3.3	4.0	4.6	5.3	5.9	6.5
-31.25°	0.0	0.5	0.9	1.6	2.4	3.2	3.9	4.6	5.2	5.9	6.4
-32.5°	0.0	0.5	0.9	1.6	2.4	3.2	3.8	4.5	5.2	5.8	6.3
-33.75°	0.0	0.5	0.9	1.6	2.4	3.1	3.8	4.5	5.1	5.7	6.3
-35°	0.0	0.5	0.9	1.5	2.3	3.1	3.7	4.4	5.0	5.6	6.2
-36.25°	0.0	0.4	0.9	1.5	2.3	3.0	3.7	4.3	4.9	5.5	6.1
-37.5°	0.0	0.4	0.9	1.5	2.2	3.0	3.6	4.2	4.9	5.4	6.0
-38.75°	0.0	0.4	0.9	1.4	2.2	2.9	3.5	4.2	4.8	5.4	5.9
-40°	0.0	0.4	0.8	1.4	2.1	2.8	3.5	4.1	4.7	5.3	5.8
-41.25°	0.0	0.4	0.8	1.3	2.1	2.8	3.4	4.0	4.6	5.2	5.7
-42.5°	0.0	0.4	0.8	1.3	2.0	2.7	3.3	3.9	4.5	5.1	5.6
-43.75°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.8	4.4	5.0	5.5
-45°	0.0	0.4	0.8	1.2	1.9	2.6	3.2	3.8	4.3	4.9	5.4
-46.25°	0.0	0.4	0.8	1.2	1.8	2.5	3.1	3.7	4.2	4.8	5.3
-47.5°	0.0	0.4	0.7	1.1	1.8	2.4	3.0	3.6	4.1	4.6	5.1
-48.75°	0.0	0.4	0.7	1.1	1.7	2.3	3.0	3.5	4.0	4.5	5.0
-50°	0.0	0.4	0.7	1.1	1.6	2.2	2.9	3.4	3.9	4.4	4.9
-51.25°	0.0	0.3	0.7	1.0	1.6	2.2	2.8	3.3	3.8	4.3	4.8
-52.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.7	3.2	3.7	4.2	4.6
-53.75°	0.0	0.3	0.7	1.0	1.4	2.0	2.6	3.1	3.6	4.0	4.5
-55°	0.0	0.3	0.6	0.9	1.4	1.9	2.5	3.0	3.5	3.9	4.4
-56.25°	0.0	0.3	0.6	0.9	1.3	1.8	2.4	2.9	3.3	3.8	4.2
-57.5°	0.0	0.3	0.6	0.9	1.2	1.7	2.3	2.8	3.2	3.7	4.1
-58.75°	0.0	0.3	0.6	0.9	1.2	1.7	2.2	2.6	3.1	3.5	3.9
-60°	0.0	0.3	0.5	0.8	1.1	1.6	2.0	2.5	3.0	3.4	3.8
-61.25°	0.0	0.3	0.5	0.8	1.1	1.5	1.9	2.4	2.8	3.2	3.6
-62.5°	0.0	0.3	0.5	0.8	1.0	1.4	1.8	2.3	2.7	3.1	3.5
-63.75°	0.0	0.2	0.5	0.7	1.0	1.3	1.7	2.1	2.5	3.0	3.3
-65°	0.0	0.2	0.5	0.7	0.9	1.2	1.6	2.0	2.4	2.8	3.2
-66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.5	1.9	2.2	2.6	3.0
-67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.4	1.7	2.1	2.5	2.8
-68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3	2.6
-70°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.5	1.8	2.1	2.4
-71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.6	1.9	2.2
-72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.5	1.8	2.0
-73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8
-75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.4	1.6
-76.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.4
-77.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.2



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
-81.25°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
-83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.1	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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3
82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.3	1.4	1.5	1.6	1.7
81.25°	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1
80°	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5
78.75°	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.8	3.0
77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3
76.25°	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.1	3.3	3.5	3.7
75°	1.9	2.1	2.4	2.6	2.8	3.1	3.2	3.4	3.6	3.8	4.0
73.75°	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.4
72.5°	2.3	2.6	2.9	3.1	3.3	3.6	3.8	4.0	4.3	4.5	4.7
71.25°	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.0
70°	2.7	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.1	5.3
68.75°	3.0	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6
67.5°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9
66.25°	3.3	3.6	3.9	4.3	4.6	4.9	5.1	5.4	5.7	6.0	6.2
65°	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.2	6.4
63.75°	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.4	6.7
62.5°	3.8	4.2	4.6	4.9	5.2	5.6	5.9	6.2	6.4	6.7	6.9
61.25°	4.0	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.6	6.9	7.1
60°	4.2	4.6	4.9	5.3	5.6	6.0	6.3	6.6	6.8	7.1	7.3
58.75°	4.3	4.7	5.1	5.5	5.9	6.2	6.5	6.7	7.0	7.3	7.4
57.5°	4.5	4.9	5.3	5.7	6.1	6.4	6.6	6.9	7.2	7.4	7.6
56.25°	4.7	5.1	5.5	5.9	6.2	6.5	6.8	7.1	7.3	7.5	7.8
55°	4.8	5.2	5.6	6.1	6.4	6.7	7.0	7.3	7.5	7.7	7.9
53.75°	4.9	5.4	5.8	6.2	6.5	6.8	7.1	7.4	7.6	7.8	8.1
52.5°	5.1	5.5	6.0	6.3	6.7	7.0	7.3	7.5	7.7	8.0	8.4
51.25°	5.2	5.7	6.1	6.5	6.8	7.1	7.4	7.6	7.9	8.2	8.6
50°	5.4	5.8	6.3	6.6	6.9	7.3	7.5	7.8	8.0	8.5	8.9
48.75°	5.5	6.0	6.4	6.7	7.1	7.4	7.6	7.9	8.2	8.7	9.2
47.5°	5.6	6.1	6.5	6.9	7.2	7.5	7.7	8.0	8.5	9.0	9.4
46.25°	5.8	6.2	6.6	7.0	7.3	7.6	7.8	8.2	8.7	9.2	9.8
45°	5.9	6.3	6.7	7.1	7.4	7.7	8.0	8.4	8.9	9.4	10.2
43.75°	6.0	6.4	6.8	7.2	7.5	7.8	8.1	8.6	9.1	9.8	10.5
42.5°	6.1	6.5	6.9	7.3	7.6	7.9	8.3	8.8	9.4	10.1	10.9
41.25°	6.2	6.6	7.0	7.4	7.7	8.0	8.5	9.0	9.6	10.4	11.3
40°	6.3	6.7	7.1	7.5	7.8	8.1	8.7	9.2	9.9	10.8	11.6
38.75°	6.4	6.8	7.2	7.5	7.8	8.3	8.9	9.4	10.2	11.1	12.0
37.5°	6.5	6.9	7.3	7.6	7.9	8.4	9.0	9.7	10.5	11.4	12.4
36.25°	6.6	7.0	7.4	7.7	8.0	8.6	9.2	9.9	10.8	11.7	12.7
35°	6.6	7.1	7.4	7.8	8.2	8.8	9.4	10.2	11.1	12.1	13.1



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	6.7	7.2	7.5	7.8	8.3	8.9	9.5	10.5	11.4	12.4	13.4
32.5°	6.8	7.2	7.6	7.9	8.4	9.1	9.8	10.7	11.7	12.7	13.8
31.25°	6.9	7.3	7.6	8.0	8.6	9.2	10.0	11.0	11.9	13.0	14.1
30°	6.9	7.3	7.7	8.1	8.7	9.3	10.2	11.2	12.2	13.3	14.4
28.75°	7.0	7.4	7.7	8.2	8.8	9.5	10.4	11.4	12.5	13.6	14.8
27.5°	7.1	7.4	7.8	8.3	8.9	9.6	10.7	11.7	12.8	13.9	15.1
26.25°	7.1	7.5	7.9	8.4	9.1	9.8	10.9	11.9	13.0	14.2	15.4
25°	7.2	7.5	7.9	8.5	9.2	10.0	11.0	12.1	13.3	14.4	15.8
23.75°	7.2	7.6	7.9	8.6	9.3	10.2	11.2	12.3	13.5	14.7	16.1
22.5°	7.3	7.6	8.0	8.7	9.4	10.3	11.4	12.5	13.7	15.0	16.3
21.25°	7.3	7.7	8.1	8.8	9.5	10.5	11.6	12.7	13.9	15.2	16.6
20°	7.3	7.7	8.1	8.8	9.6	10.6	11.7	12.9	14.1	15.5	16.9
18.75°	7.4	7.7	8.2	8.9	9.7	10.8	11.9	13.1	14.3	15.7	17.1
17.5°	7.4	7.8	8.3	9.0	9.8	10.9	12.0	13.3	14.5	15.9	17.3
16.25°	7.4	7.8	8.4	9.1	9.9	11.0	12.2	13.4	14.7	16.1	17.6
15°	7.4	7.8	8.4	9.1	10.0	11.1	12.3	13.6	14.9	16.3	17.8
13.75°	7.5	7.9	8.5	9.2	10.1	11.3	12.4	13.7	15.0	16.5	17.9
12.5°	7.5	7.9	8.5	9.2	10.2	11.3	12.6	13.8	15.2	16.6	18.1
11.25°	7.5	7.9	8.6	9.3	10.3	11.4	12.7	13.9	15.3	16.8	18.3
10°	7.5	7.9	8.6	9.3	10.4	11.5	12.7	14.0	15.4	16.9	18.4
8.75°	7.5	7.9	8.6	9.4	10.4	11.6	12.8	14.1	15.5	17.0	18.5
7.5°	7.6	8.0	8.7	9.4	10.5	11.6	12.9	14.2	15.6	17.1	18.7
6.25°	7.6	8.0	8.7	9.4	10.5	11.7	13.0	14.3	15.7	17.2	18.7
5°	7.6	8.0	8.7	9.5	10.6	11.7	13.0	14.3	15.8	17.3	18.8
3.75°	7.6	8.0	8.7	9.5	10.6	11.8	13.1	14.3	15.8	17.3	18.9
2.5°	7.6	8.0	8.7	9.5	10.6	11.8	13.1	14.4	15.9	17.4	18.9
1.25°	7.6	8.0	8.7	9.5	10.6	11.8	13.1	14.4	15.9	17.4	18.9
0°	7.6	8.0	8.8	9.5	10.7	11.8	13.1	14.4	15.9	17.4	19.0
-1.25°	7.6	8.0	8.7	9.5	10.6	11.8	13.1	14.4	15.9	17.4	18.9
-2.5°	7.6	8.0	8.7	9.5	10.6	11.8	13.1	14.4	15.9	17.4	18.9
-3.75°	7.6	8.0	8.7	9.5	10.6	11.8	13.1	14.3	15.8	17.3	18.9
-5°	7.6	8.0	8.7	9.5	10.6	11.7	13.0	14.3	15.8	17.3	18.8
-6.25°	7.6	8.0	8.7	9.4	10.5	11.7	13.0	14.3	15.7	17.2	18.7
-7.5°	7.6	8.0	8.7	9.4	10.5	11.6	12.9	14.2	15.6	17.1	18.7
-8.75°	7.5	7.9	8.6	9.4	10.4	11.6	12.8	14.1	15.5	17.0	18.5
-10°	7.5	7.9	8.6	9.3	10.4	11.5	12.7	14.0	15.4	16.9	18.4
-11.25°	7.5	7.9	8.6	9.3	10.3	11.4	12.7	13.9	15.3	16.8	18.3
-12.5°	7.5	7.9	8.5	9.2	10.2	11.3	12.6	13.8	15.2	16.6	18.1
-13.75°	7.5	7.9	8.5	9.2	10.1	11.3	12.4	13.7	15.0	16.5	17.9
-15°	7.4	7.8	8.4	9.1	10.0	11.1	12.3	13.6	14.9	16.3	17.8
-16.25°	7.4	7.8	8.4	9.1	9.9	11.0	12.2	13.4	14.7	16.1	17.6
-17.5°	7.4	7.8	8.3	9.0	9.8	10.9	12.0	13.3	14.5	15.9	17.3
-18.75°	7.4	7.7	8.2	8.9	9.7	10.8	11.9	13.1	14.3	15.7	17.1
-20°	7.3	7.7	8.1	8.8	9.6	10.6	11.7	12.9	14.1	15.5	16.9
-21.25°	7.3	7.7	8.1	8.8	9.5	10.5	11.6	12.7	13.9	15.2	16.6



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	7.3	7.6	8.0	8.7	9.4	10.3	11.4	12.5	13.7	15.0	16.3
-23.75°	7.2	7.6	7.9	8.6	9.3	10.2	11.2	12.3	13.5	14.7	16.1
-25°	7.2	7.5	7.9	8.5	9.2	10.0	11.0	12.1	13.3	14.4	15.8
-26.25°	7.1	7.5	7.9	8.4	9.1	9.8	10.9	11.9	13.0	14.2	15.4
-27.5°	7.1	7.4	7.8	8.3	8.9	9.6	10.7	11.7	12.8	13.9	15.1
-28.75°	7.0	7.4	7.7	8.2	8.8	9.5	10.4	11.4	12.5	13.6	14.8
-30°	6.9	7.3	7.7	8.1	8.7	9.3	10.2	11.2	12.2	13.3	14.4
-31.25°	6.9	7.3	7.6	8.0	8.6	9.2	10.0	11.0	11.9	13.0	14.1
-32.5°	6.8	7.2	7.6	7.9	8.4	9.1	9.8	10.7	11.7	12.7	13.8
-33.75°	6.7	7.2	7.5	7.8	8.3	8.9	9.5	10.5	11.4	12.4	13.4
-35°	6.6	7.1	7.4	7.8	8.2	8.8	9.4	10.2	11.1	12.1	13.1
-36.25°	6.6	7.0	7.4	7.7	8.0	8.6	9.2	9.9	10.8	11.7	12.7
-37.5°	6.5	6.9	7.3	7.6	7.9	8.4	9.0	9.7	10.5	11.4	12.4
-38.75°	6.4	6.8	7.2	7.5	7.8	8.3	8.9	9.4	10.2	11.1	12.0
-40°	6.3	6.7	7.1	7.5	7.8	8.1	8.7	9.2	9.9	10.8	11.6
-41.25°	6.2	6.6	7.0	7.4	7.7	8.0	8.5	9.0	9.6	10.4	11.3
-42.5°	6.1	6.5	6.9	7.3	7.6	7.9	8.3	8.8	9.4	10.1	10.9
-43.75°	6.0	6.4	6.8	7.2	7.5	7.8	8.1	8.6	9.1	9.8	10.5
-45°	5.9	6.3	6.7	7.1	7.4	7.7	8.0	8.4	8.9	9.4	10.2
-46.25°	5.8	6.2	6.6	7.0	7.3	7.6	7.8	8.2	8.7	9.2	9.8
-47.5°	5.6	6.1	6.5	6.9	7.2	7.5	7.7	8.0	8.5	9.0	9.4
-48.75°	5.5	6.0	6.4	6.7	7.1	7.4	7.6	7.9	8.2	8.7	9.2
-50°	5.4	5.8	6.3	6.6	6.9	7.3	7.5	7.8	8.0	8.5	8.9
-51.25°	5.2	5.7	6.1	6.5	6.8	7.1	7.4	7.6	7.9	8.2	8.6
-52.5°	5.1	5.5	6.0	6.3	6.7	7.0	7.3	7.5	7.7	8.0	8.4
-53.75°	4.9	5.4	5.8	6.2	6.5	6.8	7.1	7.4	7.6	7.8	8.1
-55°	4.8	5.2	5.6	6.1	6.4	6.7	7.0	7.3	7.5	7.7	7.9
-56.25°	4.7	5.1	5.5	5.9	6.2	6.5	6.8	7.1	7.3	7.5	7.8
-57.5°	4.5	4.9	5.3	5.7	6.1	6.4	6.6	6.9	7.2	7.4	7.6
-58.75°	4.3	4.7	5.1	5.5	5.9	6.2	6.5	6.7	7.0	7.3	7.4
-60°	4.2	4.6	4.9	5.3	5.6	6.0	6.3	6.6	6.8	7.1	7.3
-61.25°	4.0	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.6	6.9	7.1
-62.5°	3.8	4.2	4.6	4.9	5.2	5.6	5.9	6.2	6.4	6.7	6.9
-63.75°	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.4	6.7
-65°	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.2	6.4
-66.25°	3.3	3.6	3.9	4.3	4.6	4.9	5.1	5.4	5.7	6.0	6.2
-67.5°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9
-68.75°	3.0	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6
-70°	2.7	3.1	3.3	3.6	3.8	4.1	4.4	4.6	4.9	5.1	5.3
-71.25°	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8	5.0
-72.5°	2.3	2.6	2.9	3.1	3.3	3.6	3.8	4.0	4.3	4.5	4.7
-73.75°	2.1	2.4	2.6	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.4
-75°	1.9	2.1	2.4	2.6	2.8	3.1	3.2	3.4	3.6	3.8	4.0
-76.25°	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.1	3.3	3.5	3.7
-77.5°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.3



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.8	3.0
-80°	1.0	1.2	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.5
-81.25°	0.9	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1
-82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.3	1.4	1.5	1.6	1.7
-83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3
-85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
-86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
-87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
-88.75°	0.1	0.1	0.2	0.2	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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
85°	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6
83.75°	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.2
82.5°	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
81.25°	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4
80°	2.7	2.8	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9
78.75°	3.1	3.2	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4
77.5°	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9
76.25°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.4
75°	4.2	4.4	4.6	4.7	4.9	5.1	5.2	5.4	5.5	5.7	5.8
73.75°	4.6	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3
72.5°	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.3	6.5	6.6
71.25°	5.2	5.4	5.6	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9
70°	5.6	5.8	6.0	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3
68.75°	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.5
67.5°	6.2	6.4	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.8
66.25°	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.9	8.0
65°	6.7	6.9	7.1	7.3	7.4	7.5	7.7	7.8	8.0	8.2	8.5
63.75°	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.4	8.6	8.9
62.5°	7.1	7.3	7.5	7.6	7.8	8.0	8.2	8.5	8.8	9.1	9.4
61.25°	7.3	7.5	7.7	7.8	8.0	8.3	8.6	8.9	9.2	9.5	10.0
60°	7.5	7.7	7.8	8.0	8.4	8.7	9.0	9.3	9.7	10.2	10.6
58.75°	7.6	7.8	8.0	8.4	8.7	9.1	9.4	9.8	10.3	10.8	11.3
57.5°	7.8	8.0	8.4	8.7	9.1	9.4	9.9	10.4	11.0	11.5	12.0
56.25°	8.0	8.3	8.7	9.1	9.4	9.9	10.5	11.0	11.6	12.2	12.8
55°	8.2	8.6	9.0	9.4	9.9	10.5	11.1	11.6	12.3	12.9	13.5
53.75°	8.5	8.9	9.3	9.8	10.4	11.0	11.6	12.3	12.9	13.6	14.2
52.5°	8.8	9.2	9.7	10.3	11.0	11.6	12.3	12.9	13.6	14.3	15.0
51.25°	9.1	9.5	10.2	10.8	11.5	12.2	12.9	13.6	14.3	15.1	15.9
50°	9.4	10.0	10.6	11.3	12.0	12.8	13.5	14.2	15.0	15.9	16.7
48.75°	9.7	10.4	11.1	11.8	12.6	13.3	14.1	14.9	15.8	16.6	17.5
47.5°	10.1	10.8	11.6	12.3	13.1	13.9	14.8	15.7	16.5	17.4	18.3
46.25°	10.5	11.3	12.0	12.9	13.7	14.5	15.4	16.4	17.3	18.2	19.1
45°	10.9	11.7	12.5	13.4	14.2	15.2	16.1	17.1	18.0	19.0	19.9
43.75°	11.3	12.1	13.0	13.9	14.8	15.8	16.8	17.8	18.7	19.7	20.6
42.5°	11.7	12.6	13.5	14.4	15.4	16.4	17.4	18.4	19.5	20.5	21.1
41.25°	12.1	13.0	14.0	14.9	16.0	17.0	18.1	19.1	20.2	20.9	21.6
40°	12.5	13.5	14.4	15.5	16.6	17.6	18.7	19.8	20.7	21.4	22.0
38.75°	13.0	13.9	14.9	16.0	17.1	18.2	19.3	20.5	21.1	21.8	22.5
37.5°	13.3	14.3	15.4	16.6	17.7	18.8	20.0	20.9	21.5	22.2	23.0
36.25°	13.7	14.8	15.9	17.1	18.2	19.4	20.5	21.2	21.9	22.7	23.5
35°	14.1	15.2	16.4	17.6	18.8	20.0	20.9	21.6	22.3	23.1	24.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	14.5	15.7	16.9	18.1	19.3	20.5	21.2	22.0	22.8	23.6	24.4
32.5°	14.9	16.1	17.3	18.6	19.8	20.8	21.6	22.3	23.2	24.0	24.7
31.25°	15.3	16.5	17.8	19.0	20.3	21.2	21.9	22.7	23.6	24.5	24.9
30°	15.7	16.9	18.2	19.5	20.7	21.5	22.2	23.1	24.0	24.7	25.0
28.75°	16.1	17.3	18.6	19.9	21.0	21.8	22.6	23.5	24.4	24.9	25.2
27.5°	16.4	17.7	19.0	20.4	21.2	22.0	22.9	23.8	24.7	25.0	25.3
26.25°	16.8	18.1	19.4	20.7	21.5	22.3	23.2	24.2	24.8	25.1	25.4
25°	17.1	18.4	19.8	20.9	21.7	22.6	23.6	24.5	24.9	25.3	25.4
23.75°	17.4	18.8	20.2	21.1	22.0	22.9	23.9	24.7	25.0	25.4	25.4
22.5°	17.7	19.1	20.5	21.4	22.2	23.2	24.2	24.8	25.2	25.4	25.4
21.25°	18.0	19.4	20.7	21.6	22.4	23.4	24.4	24.9	25.3	25.4	25.4
20°	18.3	19.7	20.9	21.8	22.7	23.7	24.6	25.0	25.4	25.4	25.4
18.75°	18.6	20.0	21.1	22.0	22.9	23.9	24.7	25.1	25.4	25.4	25.4
17.5°	18.8	20.3	21.2	22.1	23.1	24.2	24.8	25.2	25.4	25.4	25.4
16.25°	19.0	20.5	21.4	22.3	23.3	24.4	24.9	25.3	25.4	25.4	25.4
15°	19.2	20.6	21.5	22.5	23.5	24.6	25.0	25.3	25.4	25.4	25.4
13.75°	19.4	20.8	21.7	22.6	23.7	24.7	25.0	25.4	25.4	25.4	25.4
12.5°	19.6	20.9	21.8	22.8	23.8	24.7	25.1	25.4	25.4	25.4	25.4
11.25°	19.8	21.0	21.9	22.9	24.0	24.8	25.2	25.4	25.4	25.4	25.4
10°	19.9	21.1	22.0	23.0	24.1	24.8	25.2	25.4	25.4	25.4	25.4
8.75°	20.1	21.2	22.1	23.1	24.2	24.9	25.3	25.4	25.4	25.4	25.4
7.5°	20.2	21.2	22.2	23.2	24.3	24.9	25.3	25.4	25.4	25.4	25.4
6.25°	20.3	21.3	22.3	23.3	24.4	24.9	25.3	25.4	25.4	25.4	25.4
5°	20.4	21.4	22.3	23.4	24.5	25.0	25.4	25.4	25.4	25.4	25.4
3.75°	20.4	21.4	22.3	23.4	24.5	25.0	25.4	25.4	25.4	25.4	25.4
2.5°	20.5	21.4	22.4	23.5	24.6	25.0	25.4	25.4	25.4	25.4	25.4
1.25°	20.5	21.4	22.4	23.5	24.6	25.0	25.4	25.4	25.4	25.4	25.4
0°	20.5	21.5	22.4	23.5	24.6	25.0	25.4	25.4	25.4	25.4	25.4
-1.25°	20.5	21.4	22.4	23.5	24.6	25.0	25.4	25.4	25.4	25.4	25.4
-2.5°	20.5	21.4	22.4	23.5	24.6	25.0	25.4	25.4	25.4	25.4	25.4
-3.75°	20.4	21.4	22.3	23.4	24.5	25.0	25.4	25.4	25.4	25.4	25.4
-5°	20.4	21.4	22.3	23.4	24.5	25.0	25.4	25.4	25.4	25.4	25.4
-6.25°	20.3	21.3	22.3	23.3	24.4	24.9	25.3	25.4	25.4	25.4	25.4
-7.5°	20.2	21.2	22.2	23.2	24.3	24.9	25.3	25.4	25.4	25.4	25.4
-8.75°	20.1	21.2	22.1	23.1	24.2	24.9	25.3	25.4	25.4	25.4	25.4
-10°	19.9	21.1	22.0	23.0	24.1	24.8	25.2	25.4	25.4	25.4	25.4
-11.25°	19.8	21.0	21.9	22.9	24.0	24.8	25.2	25.4	25.4	25.4	25.4
-12.5°	19.6	20.9	21.8	22.8	23.8	24.7	25.1	25.4	25.4	25.4	25.4
-13.75°	19.4	20.8	21.7	22.6	23.7	24.7	25.0	25.4	25.4	25.4	25.4
-15°	19.2	20.6	21.5	22.5	23.5	24.6	25.0	25.3	25.4	25.4	25.4
-16.25°	19.0	20.5	21.4	22.3	23.3	24.4	24.9	25.3	25.4	25.4	25.4
-17.5°	18.8	20.3	21.2	22.1	23.1	24.2	24.8	25.2	25.4	25.4	25.4
-18.75°	18.6	20.0	21.1	22.0	22.9	23.9	24.7	25.1	25.4	25.4	25.4
-20°	18.3	19.7	20.9	21.8	22.7	23.7	24.6	25.0	25.4	25.4	25.4
-21.25°	18.0	19.4	20.7	21.6	22.4	23.4	24.4	24.9	25.3	25.4	25.4



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°
-22.5°	17.7	19.1	20.5	21.4	22.2	23.2	24.2	24.8	25.2	25.4	25.4
-23.75°	17.4	18.8	20.2	21.1	22.0	22.9	23.9	24.7	25.0	25.4	25.4
-25°	17.1	18.4	19.8	20.9	21.7	22.6	23.6	24.5	24.9	25.3	25.4
-26.25°	16.8	18.1	19.4	20.7	21.5	22.3	23.2	24.2	24.8	25.1	25.4
-27.5°	16.4	17.7	19.0	20.4	21.2	22.0	22.9	23.8	24.7	25.0	25.3
-28.75°	16.1	17.3	18.6	19.9	21.0	21.8	22.6	23.5	24.4	24.9	25.2
-30°	15.7	16.9	18.2	19.5	20.7	21.5	22.2	23.1	24.0	24.7	25.0
-31.25°	15.3	16.5	17.8	19.0	20.3	21.2	21.9	22.7	23.6	24.5	24.9
-32.5°	14.9	16.1	17.3	18.6	19.8	20.8	21.6	22.3	23.2	24.0	24.7
-33.75°	14.5	15.7	16.9	18.1	19.3	20.5	21.2	22.0	22.8	23.6	24.4
-35°	14.1	15.2	16.4	17.6	18.8	20.0	20.9	21.6	22.3	23.1	24.0
-36.25°	13.7	14.8	15.9	17.1	18.2	19.4	20.5	21.2	21.9	22.7	23.5
-37.5°	13.3	14.3	15.4	16.6	17.7	18.8	20.0	20.9	21.5	22.2	23.0
-38.75°	13.0	13.9	14.9	16.0	17.1	18.2	19.3	20.5	21.1	21.8	22.5
-40°	12.5	13.5	14.4	15.5	16.6	17.6	18.7	19.8	20.7	21.4	22.0
-41.25°	12.1	13.0	14.0	14.9	16.0	17.0	18.1	19.1	20.2	20.9	21.6
-42.5°	11.7	12.6	13.5	14.4	15.4	16.4	17.4	18.4	19.5	20.5	21.1
-43.75°	11.3	12.1	13.0	13.9	14.8	15.8	16.8	17.8	18.7	19.7	20.6
-45°	10.9	11.7	12.5	13.4	14.2	15.2	16.1	17.1	18.0	19.0	19.9
-46.25°	10.5	11.3	12.0	12.9	13.7	14.5	15.4	16.4	17.3	18.2	19.1
-47.5°	10.1	10.8	11.6	12.3	13.1	13.9	14.8	15.7	16.5	17.4	18.3
-48.75°	9.7	10.4	11.1	11.8	12.6	13.3	14.1	14.9	15.8	16.6	17.5
-50°	9.4	10.0	10.6	11.3	12.0	12.8	13.5	14.2	15.0	15.9	16.7
-51.25°	9.1	9.5	10.2	10.8	11.5	12.2	12.9	13.6	14.3	15.1	15.9
-52.5°	8.8	9.2	9.7	10.3	11.0	11.6	12.3	12.9	13.6	14.3	15.0
-53.75°	8.5	8.9	9.3	9.8	10.4	11.0	11.6	12.3	12.9	13.6	14.2
-55°	8.2	8.6	9.0	9.4	9.9	10.5	11.1	11.6	12.3	12.9	13.5
-56.25°	8.0	8.3	8.7	9.1	9.4	9.9	10.5	11.0	11.6	12.2	12.8
-57.5°	7.8	8.0	8.4	8.7	9.1	9.4	9.9	10.4	11.0	11.5	12.0
-58.75°	7.6	7.8	8.0	8.4	8.7	9.1	9.4	9.8	10.3	10.8	11.3
-60°	7.5	7.7	7.8	8.0	8.4	8.7	9.0	9.3	9.7	10.2	10.6
-61.25°	7.3	7.5	7.7	7.8	8.0	8.3	8.6	8.9	9.2	9.5	10.0
-62.5°	7.1	7.3	7.5	7.6	7.8	8.0	8.2	8.5	8.8	9.1	9.4
-63.75°	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.4	8.6	8.9
-65°	6.7	6.9	7.1	7.3	7.4	7.5	7.7	7.8	8.0	8.2	8.5
-66.25°	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.6	7.7	7.9	8.0
-67.5°	6.2	6.4	6.6	6.7	6.9	7.1	7.3	7.4	7.5	7.6	7.8
-68.75°	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.5
-70°	5.6	5.8	6.0	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3
-71.25°	5.2	5.4	5.6	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9
-72.5°	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.3	6.5	6.6
-73.75°	4.6	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3
-75°	4.2	4.4	4.6	4.7	4.9	5.1	5.2	5.4	5.5	5.7	5.8
-76.25°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.4
-77.5°	3.5	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	3.1	3.2	3.4	3.5	3.7	3.8	3.9	4.0	4.2	4.3	4.4
-80°	2.7	2.8	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9
-81.25°	2.3	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-82.5°	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-83.75°	1.4	1.5	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.2
-85°	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6
-86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
86.25°	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5
85°	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3
83.75°	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0
82.5°	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7
81.25°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.2	4.2	4.3
80°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9
78.75°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5
77.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1
76.25°	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
75°	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
73.75°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
72.5°	6.7	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7
71.25°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0
70°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.6
68.75°	7.6	7.7	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.0	9.2
67.5°	7.9	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.7	9.9
66.25°	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.9	10.2	10.5	10.8
65°	8.7	9.0	9.2	9.4	9.8	10.1	10.4	10.8	11.1	11.4	11.7
63.75°	9.2	9.4	9.8	10.2	10.5	10.9	11.3	11.6	12.0	12.4	12.7
62.5°	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.5	13.0	13.3	13.7
61.25°	10.4	10.8	11.3	11.7	12.1	12.6	13.0	13.5	13.9	14.3	14.8
60°	11.1	11.6	12.0	12.5	13.0	13.5	14.0	14.4	14.9	15.4	15.9
58.75°	11.8	12.3	12.9	13.4	13.9	14.4	14.9	15.5	16.0	16.6	17.1
57.5°	12.6	13.1	13.7	14.2	14.8	15.4	16.0	16.6	17.1	17.7	18.2
56.25°	13.3	13.9	14.5	15.2	15.8	16.4	17.0	17.6	18.2	18.8	19.4
55°	14.1	14.8	15.4	16.1	16.8	17.4	18.1	18.7	19.3	20.0	20.5
53.75°	14.9	15.7	16.4	17.1	17.8	18.4	19.1	19.8	20.5	20.9	21.2
52.5°	15.8	16.5	17.3	18.0	18.7	19.5	20.2	20.7	21.1	21.5	21.9
51.25°	16.6	17.4	18.2	19.0	19.7	20.5	20.9	21.4	21.8	22.2	22.7
50°	17.5	18.3	19.1	19.9	20.6	21.1	21.6	22.0	22.5	23.0	23.5
48.75°	18.4	19.2	20.0	20.7	21.2	21.7	22.2	22.7	23.2	23.8	24.3
47.5°	19.2	20.1	20.8	21.3	21.8	22.3	22.9	23.4	24.0	24.5	24.8
46.25°	20.0	20.8	21.3	21.8	22.4	23.0	23.6	24.1	24.6	24.8	25.0
45°	20.7	21.3	21.8	22.4	23.0	23.7	24.3	24.7	24.9	25.1	25.3
43.75°	21.2	21.8	22.4	23.0	23.7	24.3	24.7	25.0	25.2	25.4	25.4
42.5°	21.7	22.3	23.0	23.7	24.3	24.7	25.0	25.2	25.4	25.4	25.4
41.25°	22.2	22.9	23.6	24.3	24.7	25.0	25.2	25.4	25.4	25.4	25.4
40°	22.7	23.4	24.1	24.7	25.0	25.2	25.4	25.4	25.4	25.4	25.4
38.75°	23.2	24.0	24.6	24.9	25.2	25.4	25.4	25.4	25.4	25.4	25.4
37.5°	23.8	24.5	24.8	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.4
36.25°	24.3	24.8	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.6
35°	24.7	25.0	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.8



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	24.8	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.8	26.1
32.5°	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.5	25.8	26.0	26.4
31.25°	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.7	26.0	26.3	26.7
30°	25.3	25.4	25.4	25.4	25.4	25.4	25.6	25.9	26.2	26.6	27.0
28.75°	25.4	25.4	25.4	25.4	25.4	25.5	25.8	26.1	26.5	26.9	27.3
27.5°	25.4	25.4	25.4	25.4	25.4	25.7	26.0	26.3	26.8	27.2	27.6
26.25°	25.4	25.4	25.4	25.4	25.5	25.8	26.2	26.6	27.0	27.5	27.9
25°	25.4	25.4	25.4	25.4	25.7	26.0	26.4	26.8	27.3	27.7	28.2
23.75°	25.4	25.4	25.4	25.5	25.8	26.2	26.6	27.1	27.5	28.0	28.4
22.5°	25.4	25.4	25.4	25.7	26.0	26.4	26.9	27.3	27.8	28.2	28.7
21.25°	25.4	25.4	25.4	25.8	26.1	26.6	27.1	27.5	28.0	28.5	29.0
20°	25.4	25.4	25.6	25.9	26.3	26.8	27.3	27.8	28.2	28.7	29.3
18.75°	25.4	25.4	25.7	26.1	26.5	27.0	27.5	28.0	28.4	29.0	29.5
17.5°	25.4	25.4	25.8	26.2	26.7	27.2	27.7	28.2	28.7	29.2	29.7
16.25°	25.4	25.5	25.9	26.3	26.8	27.3	27.8	28.3	28.9	29.4	29.9
15°	25.4	25.6	26.0	26.5	27.0	27.5	28.0	28.5	29.1	29.6	30.1
13.75°	25.4	25.7	26.1	26.6	27.1	27.6	28.1	28.7	29.2	29.8	30.3
12.5°	25.4	25.8	26.2	26.7	27.2	27.8	28.3	28.8	29.4	29.9	30.5
11.25°	25.5	25.9	26.3	26.8	27.3	27.9	28.4	29.0	29.6	30.1	30.6
10°	25.6	25.9	26.4	26.9	27.5	28.0	28.5	29.1	29.7	30.2	30.8
8.75°	25.6	26.0	26.5	27.0	27.5	28.1	28.6	29.2	29.8	30.3	31.0
7.5°	25.7	26.1	26.5	27.1	27.6	28.2	28.7	29.3	29.9	30.4	31.2
6.25°	25.7	26.1	26.6	27.2	27.7	28.2	28.8	29.4	30.0	30.5	31.4
5°	25.7	26.1	26.7	27.2	27.7	28.3	28.9	29.5	30.0	30.6	31.6
3.75°	25.8	26.2	26.7	27.2	27.8	28.3	28.9	29.5	30.1	30.6	31.7
2.5°	25.8	26.2	26.7	27.3	27.8	28.4	29.0	29.6	30.1	30.7	31.8
1.25°	25.8	26.2	26.7	27.3	27.8	28.4	29.0	29.6	30.1	30.7	31.8
0°	25.8	26.2	26.8	27.3	27.9	28.4	29.0	29.6	30.2	30.7	31.9
-1.25°	25.8	26.2	26.7	27.3	27.8	28.4	29.0	29.6	30.1	30.7	31.8
-2.5°	25.8	26.2	26.7	27.3	27.8	28.4	29.0	29.6	30.1	30.7	31.8
-3.75°	25.8	26.2	26.7	27.2	27.8	28.3	28.9	29.5	30.1	30.6	31.7
-5°	25.7	26.1	26.7	27.2	27.7	28.3	28.9	29.5	30.0	30.6	31.6
-6.25°	25.7	26.1	26.6	27.2	27.7	28.2	28.8	29.4	30.0	30.5	31.4
-7.5°	25.7	26.1	26.5	27.1	27.6	28.2	28.7	29.3	29.9	30.4	31.2
-8.75°	25.6	26.0	26.5	27.0	27.5	28.1	28.6	29.2	29.8	30.3	31.0
-10°	25.6	25.9	26.4	26.9	27.5	28.0	28.5	29.1	29.7	30.2	30.8
-11.25°	25.5	25.9	26.3	26.8	27.3	27.9	28.4	29.0	29.6	30.1	30.6
-12.5°	25.4	25.8	26.2	26.7	27.2	27.8	28.3	28.8	29.4	29.9	30.5
-13.75°	25.4	25.7	26.1	26.6	27.1	27.6	28.1	28.7	29.2	29.8	30.3
-15°	25.4	25.6	26.0	26.5	27.0	27.5	28.0	28.5	29.1	29.6	30.1
-16.25°	25.4	25.5	25.9	26.3	26.8	27.3	27.8	28.3	28.9	29.4	29.9
-17.5°	25.4	25.4	25.8	26.2	26.7	27.2	27.7	28.2	28.7	29.2	29.7
-18.75°	25.4	25.4	25.7	26.1	26.5	27.0	27.5	28.0	28.4	29.0	29.5
-20°	25.4	25.4	25.6	25.9	26.3	26.8	27.3	27.8	28.2	28.7	29.3
-21.25°	25.4	25.4	25.4	25.8	26.1	26.6	27.1	27.5	28.0	28.5	29.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	25.4	25.4	25.4	25.7	26.0	26.4	26.9	27.3	27.8	28.2	28.7
-23.75°	25.4	25.4	25.4	25.5	25.8	26.2	26.6	27.1	27.5	28.0	28.4
-25°	25.4	25.4	25.4	25.4	25.7	26.0	26.4	26.8	27.3	27.7	28.2
-26.25°	25.4	25.4	25.4	25.4	25.5	25.8	26.2	26.6	27.0	27.5	27.9
-27.5°	25.4	25.4	25.4	25.4	25.4	25.7	26.0	26.3	26.8	27.2	27.6
-28.75°	25.4	25.4	25.4	25.4	25.4	25.5	25.8	26.1	26.5	26.9	27.3
-30°	25.3	25.4	25.4	25.4	25.4	25.4	25.6	25.9	26.2	26.6	27.0
-31.25°	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.7	26.0	26.3	26.7
-32.5°	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.5	25.8	26.0	26.4
-33.75°	24.8	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.8	26.1
-35°	24.7	25.0	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.8
-36.25°	24.3	24.8	25.0	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.6
-37.5°	23.8	24.5	24.8	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-38.75°	23.2	24.0	24.6	24.9	25.2	25.4	25.4	25.4	25.4	25.4	25.4
-40°	22.7	23.4	24.1	24.7	25.0	25.2	25.4	25.4	25.4	25.4	25.4
-41.25°	22.2	22.9	23.6	24.3	24.7	25.0	25.2	25.4	25.4	25.4	25.4
-42.5°	21.7	22.3	23.0	23.7	24.3	24.7	25.0	25.2	25.4	25.4	25.4
-43.75°	21.2	21.8	22.4	23.0	23.7	24.3	24.7	25.0	25.2	25.4	25.4
-45°	20.7	21.3	21.8	22.4	23.0	23.7	24.3	24.7	24.9	25.1	25.3
-46.25°	20.0	20.8	21.3	21.8	22.4	23.0	23.6	24.1	24.6	24.8	25.0
-47.5°	19.2	20.1	20.8	21.3	21.8	22.3	22.9	23.4	24.0	24.5	24.8
-48.75°	18.4	19.2	20.0	20.7	21.2	21.7	22.2	22.7	23.2	23.8	24.3
-50°	17.5	18.3	19.1	19.9	20.6	21.1	21.6	22.0	22.5	23.0	23.5
-51.25°	16.6	17.4	18.2	19.0	19.7	20.5	20.9	21.4	21.8	22.2	22.7
-52.5°	15.8	16.5	17.3	18.0	18.7	19.5	20.2	20.7	21.1	21.5	21.9
-53.75°	14.9	15.7	16.4	17.1	17.8	18.4	19.1	19.8	20.5	20.9	21.2
-55°	14.1	14.8	15.4	16.1	16.8	17.4	18.1	18.7	19.3	20.0	20.5
-56.25°	13.3	13.9	14.5	15.2	15.8	16.4	17.0	17.6	18.2	18.8	19.4
-57.5°	12.6	13.1	13.7	14.2	14.8	15.4	16.0	16.6	17.1	17.7	18.2
-58.75°	11.8	12.3	12.9	13.4	13.9	14.4	14.9	15.5	16.0	16.6	17.1
-60°	11.1	11.6	12.0	12.5	13.0	13.5	14.0	14.4	14.9	15.4	15.9
-61.25°	10.4	10.8	11.3	11.7	12.1	12.6	13.0	13.5	13.9	14.3	14.8
-62.5°	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.5	13.0	13.3	13.7
-63.75°	9.2	9.4	9.8	10.2	10.5	10.9	11.3	11.6	12.0	12.4	12.7
-65°	8.7	9.0	9.2	9.4	9.8	10.1	10.4	10.8	11.1	11.4	11.7
-66.25°	8.2	8.5	8.7	8.9	9.1	9.4	9.6	9.9	10.2	10.5	10.8
-67.5°	7.9	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.7	9.9
-68.75°	7.6	7.7	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.0	9.2
-70°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.6
-71.25°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0
-72.5°	6.7	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7
-73.75°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4
-75°	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
-76.25°	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
-77.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.4	5.5
-80°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9
-81.25°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.2	4.2	4.3
-82.5°	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.7
-83.75°	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0
-85°	1.7	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3
-86.25°	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5
-87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8
85°	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7
83.75°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
82.5°	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2
81.25°	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	4.9
80°	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6	5.6
78.75°	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.2	6.3
77.5°	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.8
76.25°	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.1	7.2	7.2	7.3
75°	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.6	7.6
73.75°	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.9	7.9	7.9	8.0
72.5°	7.8	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7
71.25°	8.2	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.4
70°	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.8	10.0	10.2	10.3
68.75°	9.4	9.5	9.8	10.0	10.2	10.4	10.7	10.9	11.0	11.2	11.4
67.5°	10.2	10.5	10.7	11.0	11.2	11.4	11.7	11.9	12.1	12.3	12.5
66.25°	11.1	11.4	11.7	11.9	12.2	12.5	12.8	13.0	13.3	13.5	13.7
65°	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.2	14.4	14.7	15.0
63.75°	13.1	13.4	13.8	14.1	14.4	14.8	15.1	15.4	15.8	16.1	16.3
62.5°	14.1	14.5	14.9	15.3	15.7	16.1	16.4	16.8	17.1	17.4	17.7
61.25°	15.2	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.4	18.8	19.1
60°	16.4	16.9	17.3	17.8	18.2	18.6	19.0	19.4	19.8	20.2	20.5
58.75°	17.6	18.1	18.6	19.0	19.5	19.9	20.4	20.7	20.9	21.1	21.4
57.5°	18.8	19.3	19.8	20.3	20.7	21.0	21.2	21.5	21.7	22.0	22.2
56.25°	20.0	20.5	20.8	21.2	21.5	21.8	22.0	22.3	22.6	22.9	23.2
55°	20.9	21.2	21.6	21.9	22.2	22.6	22.9	23.2	23.6	23.9	24.2
53.75°	21.6	22.0	22.3	22.7	23.1	23.5	23.8	24.2	24.5	24.7	24.8
52.5°	22.3	22.8	23.2	23.6	24.0	24.4	24.7	24.8	24.9	25.0	25.2
51.25°	23.1	23.6	24.0	24.5	24.7	24.9	25.0	25.1	25.3	25.4	25.4
50°	24.0	24.4	24.7	24.9	25.0	25.2	25.3	25.4	25.4	25.4	25.4
48.75°	24.7	24.8	25.0	25.2	25.3	25.4	25.4	25.4	25.4	25.4	25.4
47.5°	25.0	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
46.25°	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
45°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.7
43.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.7	25.8	26.0
42.5°	25.4	25.4	25.4	25.4	25.4	25.5	25.7	25.8	26.0	26.2	26.4
41.25°	25.4	25.4	25.4	25.4	25.6	25.8	26.0	26.2	26.4	26.6	26.9
40°	25.4	25.4	25.5	25.7	25.9	26.1	26.3	26.6	26.8	27.1	27.3
38.75°	25.4	25.5	25.8	26.0	26.2	26.5	26.8	27.0	27.3	27.5	27.8
37.5°	25.6	25.8	26.0	26.3	26.6	26.9	27.2	27.5	27.7	28.0	28.2
36.25°	25.8	26.1	26.4	26.7	27.0	27.3	27.6	27.9	28.2	28.4	28.7
35°	26.1	26.4	26.7	27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	26.4	26.7	27.1	27.4	27.8	28.1	28.4	28.7	29.1	29.4	29.7
32.5°	26.7	27.1	27.5	27.8	28.1	28.5	28.8	29.2	29.5	29.8	30.1
31.25°	27.1	27.4	27.8	28.2	28.5	28.9	29.3	29.6	29.9	30.3	30.6
30°	27.4	27.8	28.1	28.5	28.9	29.3	29.7	30.0	30.4	30.7	31.3
28.75°	27.7	28.1	28.5	28.9	29.3	29.7	30.1	30.4	30.8	31.5	32.2
27.5°	28.0	28.4	28.8	29.3	29.7	30.1	30.4	30.9	31.6	32.3	33.1
26.25°	28.3	28.7	29.2	29.6	30.0	30.4	30.9	31.7	32.4	33.5	35.4
25°	28.6	29.1	29.5	29.9	30.4	30.8	31.6	32.4	33.6	35.7	37.8
23.75°	28.9	29.4	29.8	30.3	30.7	31.5	32.3	33.5	35.7	37.9	40.1
22.5°	29.2	29.7	30.1	30.6	31.3	32.2	33.1	35.4	37.8	40.1	42.7
21.25°	29.5	30.0	30.4	31.0	31.9	32.8	34.9	37.4	39.8	42.6	45.3
20°	29.7	30.2	30.7	31.6	32.5	34.2	36.7	39.2	42.1	45.0	48.2
18.75°	30.0	30.5	31.2	32.1	33.2	35.9	38.5	41.3	44.3	47.4	52.3
17.5°	30.2	30.7	31.7	32.7	34.8	37.4	40.2	43.4	46.4	50.9	62.9
16.25°	30.4	31.1	32.1	33.4	36.2	38.9	42.1	45.3	49.3	58.8	82.5
15°	30.6	31.6	32.6	34.7	37.5	40.5	43.8	47.2	53.2	70.8	107.5
13.75°	30.9	32.0	33.0	35.9	38.8	42.1	45.5	49.9	61.5	91.2	137.5
12.5°	31.3	32.3	34.1	37.0	40.1	43.5	47.0	53.6	73.7	114.8	168.7
11.25°	31.6	32.7	35.1	38.1	41.4	44.9	49.2	60.3	90.5	139.5	198.9
10°	31.9	33.0	36.0	39.0	42.5	46.1	51.3	67.2	108.4	164.6	228.5
8.75°	32.1	33.7	36.8	39.9	43.5	47.3	55.4	80.3	127.6	188.1	255.3
7.5°	32.4	34.3	37.5	40.8	44.5	48.8	60.0	91.7	144.5	209.5	278.9
6.25°	32.6	34.9	38.0	41.5	45.2	50.1	63.9	102.5	161.1	228.8	299.3
5°	32.7	35.4	38.5	42.1	45.9	51.2	68.8	113.8	175.1	244.7	316.1
3.75°	32.8	35.7	38.9	42.6	46.4	52.3	74.8	122.8	186.0	257.2	329.4
2.5°	32.9	36.0	39.2	42.9	46.7	54.0	79.2	129.2	193.9	266.2	338.9
1.25°	33.0	36.1	39.3	43.1	46.9	55.1	81.8	133.0	198.6	271.6	344.7
0°	33.0	36.2	39.4	43.2	47.0	55.4	82.7	134.3	200.2	273.4	346.6
-1.25°	33.0	36.1	39.3	43.1	46.9	55.1	81.8	133.0	198.6	271.6	344.7
-2.5°	32.9	36.0	39.2	42.9	46.7	54.0	79.2	129.2	193.9	266.2	338.9
-3.75°	32.8	35.7	38.9	42.6	46.4	52.3	74.8	122.8	186.0	257.2	329.4
-5°	32.7	35.4	38.5	42.1	45.9	51.2	68.8	113.8	175.1	244.7	316.1
-6.25°	32.6	34.9	38.0	41.5	45.2	50.1	63.9	102.5	161.1	228.8	299.3
-7.5°	32.4	34.3	37.5	40.8	44.5	48.8	60.0	91.7	144.5	209.5	278.9
-8.75°	32.1	33.7	36.8	39.9	43.5	47.3	55.4	80.3	127.6	188.1	255.3
-10°	31.9	33.0	36.0	39.0	42.5	46.1	51.3	67.2	108.4	164.6	228.5
-11.25°	31.6	32.7	35.1	38.1	41.4	44.9	49.2	60.3	90.5	139.5	198.9
-12.5°	31.3	32.3	34.1	37.0	40.1	43.5	47.0	53.6	73.7	114.8	168.7
-13.75°	30.9	32.0	33.0	35.9	38.8	42.1	45.5	49.9	61.5	91.2	137.5
-15°	30.6	31.6	32.6	34.7	37.5	40.5	43.8	47.2	53.2	70.8	107.5
-16.25°	30.4	31.1	32.1	33.4	36.2	38.9	42.1	45.3	49.3	58.8	82.5
-17.5°	30.2	30.7	31.7	32.7	34.8	37.4	40.2	43.4	46.4	50.9	62.9
-18.75°	30.0	30.5	31.2	32.1	33.2	35.9	38.5	41.3	44.3	47.4	52.3
-20°	29.7	30.2	30.7	31.6	32.5	34.2	36.7	39.2	42.1	45.0	48.2
-21.25°	29.5	30.0	30.4	31.0	31.9	32.8	34.9	37.4	39.8	42.6	45.3



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	29.2	29.7	30.1	30.6	31.3	32.2	33.1	35.4	37.8	40.1	42.7
-23.75°	28.9	29.4	29.8	30.3	30.7	31.5	32.3	33.5	35.7	37.9	40.1
-25°	28.6	29.1	29.5	29.9	30.4	30.8	31.6	32.4	33.6	35.7	37.8
-26.25°	28.3	28.7	29.2	29.6	30.0	30.4	30.9	31.7	32.4	33.5	35.4
-27.5°	28.0	28.4	28.8	29.3	29.7	30.1	30.4	30.9	31.6	32.3	33.1
-28.75°	27.7	28.1	28.5	28.9	29.3	29.7	30.1	30.4	30.8	31.5	32.2
-30°	27.4	27.8	28.1	28.5	28.9	29.3	29.7	30.0	30.4	30.7	31.3
-31.25°	27.1	27.4	27.8	28.2	28.5	28.9	29.3	29.6	29.9	30.3	30.6
-32.5°	26.7	27.1	27.5	27.8	28.1	28.5	28.8	29.2	29.5	29.8	30.1
-33.75°	26.4	26.7	27.1	27.4	27.8	28.1	28.4	28.7	29.1	29.4	29.7
-35°	26.1	26.4	26.7	27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2
-36.25°	25.8	26.1	26.4	26.7	27.0	27.3	27.6	27.9	28.2	28.4	28.7
-37.5°	25.6	25.8	26.0	26.3	26.6	26.9	27.2	27.5	27.7	28.0	28.2
-38.75°	25.4	25.5	25.8	26.0	26.2	26.5	26.8	27.0	27.3	27.5	27.8
-40°	25.4	25.4	25.5	25.7	25.9	26.1	26.3	26.6	26.8	27.1	27.3
-41.25°	25.4	25.4	25.4	25.4	25.6	25.8	26.0	26.2	26.4	26.6	26.9
-42.5°	25.4	25.4	25.4	25.4	25.4	25.5	25.7	25.8	26.0	26.2	26.4
-43.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.7	25.8	26.0
-45°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.7
-46.25°	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-47.5°	25.0	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-48.75°	24.7	24.8	25.0	25.2	25.3	25.4	25.4	25.4	25.4	25.4	25.4
-50°	24.0	24.4	24.7	24.9	25.0	25.2	25.3	25.4	25.4	25.4	25.4
-51.25°	23.1	23.6	24.0	24.5	24.7	24.9	25.0	25.1	25.3	25.4	25.4
-52.5°	22.3	22.8	23.2	23.6	24.0	24.4	24.7	24.8	24.9	25.0	25.2
-53.75°	21.6	22.0	22.3	22.7	23.1	23.5	23.8	24.2	24.5	24.7	24.8
-55°	20.9	21.2	21.6	21.9	22.2	22.6	22.9	23.2	23.6	23.9	24.2
-56.25°	20.0	20.5	20.8	21.2	21.5	21.8	22.0	22.3	22.6	22.9	23.2
-57.5°	18.8	19.3	19.8	20.3	20.7	21.0	21.2	21.5	21.7	22.0	22.2
-58.75°	17.6	18.1	18.6	19.0	19.5	19.9	20.4	20.7	20.9	21.1	21.4
-60°	16.4	16.9	17.3	17.8	18.2	18.6	19.0	19.4	19.8	20.2	20.5
-61.25°	15.2	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.4	18.8	19.1
-62.5°	14.1	14.5	14.9	15.3	15.7	16.1	16.4	16.8	17.1	17.4	17.7
-63.75°	13.1	13.4	13.8	14.1	14.4	14.8	15.1	15.4	15.8	16.1	16.3
-65°	12.1	12.4	12.7	13.0	13.3	13.6	13.9	14.2	14.4	14.7	15.0
-66.25°	11.1	11.4	11.7	11.9	12.2	12.5	12.8	13.0	13.3	13.5	13.7
-67.5°	10.2	10.5	10.7	11.0	11.2	11.4	11.7	11.9	12.1	12.3	12.5
-68.75°	9.4	9.5	9.8	10.0	10.2	10.4	10.7	10.9	11.0	11.2	11.4
-70°	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.8	10.0	10.2	10.3
-71.25°	8.2	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.4
-72.5°	7.8	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7
-73.75°	7.4	7.5	7.6	7.6	7.7	7.7	7.8	7.9	7.9	7.9	8.0
-75°	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.6	7.6
-76.25°	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.1	7.2	7.2	7.3
-77.5°	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7	6.7	6.8



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.2	6.3
-80°	5.0	5.1	5.2	5.2	5.3	5.4	5.4	5.5	5.5	5.6	5.6
-81.25°	4.4	4.5	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	4.9
-82.5°	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2
-83.75°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
-85°	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7
-86.25°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8
-87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
83.75°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
82.5°	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
81.25°	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.3	5.3
80°	5.7	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0
78.75°	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.6
77.5°	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1	7.1
76.25°	7.3	7.3	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5
75°	7.7	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9
73.75°	8.1	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.6
72.5°	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.4
71.25°	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.4
70°	10.5	10.6	10.8	10.9	11.0	11.1	11.3	11.3	11.4	11.5	11.6
68.75°	11.6	11.7	11.9	12.0	12.2	12.3	12.4	12.6	12.7	12.7	12.8
67.5°	12.7	12.9	13.1	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1
66.25°	13.9	14.1	14.3	14.5	14.7	14.9	15.0	15.2	15.3	15.4	15.5
65°	15.2	15.5	15.7	15.9	16.1	16.3	16.5	16.6	16.8	16.9	17.0
63.75°	16.6	16.9	17.1	17.3	17.6	17.8	17.9	18.1	18.3	18.4	18.5
62.5°	18.0	18.3	18.6	18.8	19.0	19.2	19.4	19.6	19.8	19.9	20.1
61.25°	19.4	19.7	20.0	20.3	20.5	20.6	20.8	20.9	21.0	21.1	21.2
60°	20.7	20.9	21.1	21.2	21.4	21.5	21.7	21.8	21.9	22.0	22.1
58.75°	21.6	21.8	22.0	22.1	22.3	22.5	22.6	22.8	22.9	23.0	23.1
57.5°	22.4	22.7	22.9	23.1	23.3	23.5	23.7	23.8	24.0	24.1	24.2
56.25°	23.4	23.7	23.9	24.2	24.4	24.6	24.7	24.7	24.8	24.8	24.9
55°	24.4	24.6	24.7	24.8	24.9	25.0	25.0	25.1	25.2	25.2	25.3
53.75°	24.9	25.0	25.1	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4
52.5°	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
51.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
50°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
48.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.6	25.6
47.5°	25.4	25.4	25.4	25.4	25.5	25.6	25.7	25.8	25.9	25.9	26.0
46.25°	25.4	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5
45°	25.8	25.9	26.1	26.2	26.3	26.5	26.6	26.7	26.8	26.9	27.0
43.75°	26.1	26.3	26.5	26.7	26.8	27.0	27.1	27.2	27.3	27.5	27.5
42.5°	26.6	26.8	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.0	28.1
41.25°	27.1	27.3	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.5	28.6
40°	27.5	27.8	28.0	28.2	28.3	28.5	28.7	28.8	29.0	29.1	29.2
38.75°	28.0	28.2	28.4	28.7	28.9	29.1	29.2	29.4	29.6	29.7	29.8
37.5°	28.5	28.7	29.0	29.2	29.4	29.6	29.8	29.9	30.1	30.2	30.3
36.25°	29.0	29.3	29.5	29.7	29.9	30.1	30.3	30.5	30.6	30.8	31.0
35°	29.5	29.7	30.0	30.2	30.4	30.6	30.9	31.3	31.6	31.9	32.1



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	30.0	30.2	30.5	30.7	31.1	31.6	32.0	32.3	32.7	33.0	33.7
32.5°	30.4	30.7	31.2	31.7	32.1	32.6	33.0	34.1	35.1	36.0	36.8
31.25°	31.0	31.6	32.1	32.7	33.4	34.7	35.9	37.0	38.1	39.0	39.9
30°	31.9	32.5	33.2	34.8	36.2	37.5	38.8	40.1	41.4	42.5	43.5
28.75°	32.8	34.2	35.9	37.4	38.9	40.5	42.1	43.5	44.9	46.1	47.3
27.5°	34.9	36.7	38.5	40.2	42.1	43.8	45.5	47.0	49.2	51.3	55.4
26.25°	37.4	39.2	41.3	43.4	45.3	47.2	49.9	53.6	60.3	67.2	80.3
25°	39.8	42.1	44.3	46.4	49.3	53.2	61.5	73.7	90.5	108.4	127.6
23.75°	42.6	45.0	47.4	50.9	58.8	70.8	91.2	114.8	139.5	164.6	188.1
22.5°	45.3	48.2	52.3	62.9	82.5	107.5	137.5	168.7	198.9	228.5	255.3
21.25°	48.5	53.9	65.3	90.4	121.7	156.4	192.8	229.1	263.3	294.7	323.0
20°	53.9	66.3	94.3	130.3	170.0	211.1	252.3	291.1	327.1	354.9	373.2
18.75°	65.3	94.3	133.1	176.8	222.5	268.0	311.2	349.8	373.0	394.4	413.7
17.5°	90.4	130.3	176.8	226.4	275.9	323.5	360.1	386.3	410.7	433.3	450.4
16.25°	121.7	170.0	222.5	275.9	327.6	365.3	394.3	421.8	445.4	464.6	485.8
15°	156.4	211.1	268.0	323.5	365.3	397.1	427.5	452.4	476.3	501.3	527.3
13.75°	192.8	252.3	311.2	360.1	394.3	427.5	454.8	482.3	512.0	543.0	580.2
12.5°	229.1	291.1	349.8	386.3	421.8	452.4	482.3	515.6	553.1	597.2	656.3
11.25°	263.3	327.1	373.0	410.7	445.4	476.3	512.0	553.1	605.1	673.1	751.6
10°	294.7	354.9	394.4	433.3	464.6	501.3	543.0	597.2	673.1	762.7	869.1
8.75°	323.0	373.2	413.7	450.4	485.8	527.3	580.2	656.3	751.6	869.1	1009.9
7.5°	347.4	389.3	430.9	465.1	505.6	554.4	623.6	718.9	838.6	988.9	1179.2
6.25°	360.6	403.3	443.9	480.6	524.7	581.8	667.5	779.3	927.3	1118.3	1373.4
5°	371.5	415.0	453.9	493.6	541.0	610.3	712.1	844.6	1018.5	1255.0	1579.9
3.75°	380.1	424.1	461.8	504.4	558.0	637.7	749.1	897.1	1101.4	1393.6	1788.9
2.5°	386.3	430.8	468.0	513.0	570.3	657.6	776.9	944.9	1175.7	1507.1	1950.0
1.25°	390.1	434.8	472.2	518.2	577.8	669.7	798.3	975.0	1221.3	1577.2	2059.3
0°	391.4	436.1	473.6	519.9	580.4	673.8	805.5	985.2	1236.7	1600.9	2098.3
-1.25°	390.1	434.8	472.2	518.2	577.8	669.7	798.3	975.0	1221.3	1577.2	2059.3
-2.5°	386.3	430.8	468.0	513.0	570.3	657.6	776.9	944.9	1175.7	1507.1	1950.0
-3.75°	380.1	424.1	461.8	504.4	558.0	637.7	749.1	897.1	1101.4	1393.6	1788.9
-5°	371.5	415.0	453.9	493.6	541.0	610.3	712.1	844.6	1018.5	1255.0	1579.9
-6.25°	360.6	403.3	443.9	480.6	524.7	581.8	667.5	779.3	927.3	1118.3	1373.4
-7.5°	347.4	389.3	430.9	465.1	505.6	554.4	623.6	718.9	838.6	988.9	1179.2
-8.75°	323.0	373.2	413.7	450.4	485.8	527.3	580.2	656.3	751.6	869.1	1009.9
-10°	294.7	354.9	394.4	433.3	464.6	501.3	543.0	597.2	673.1	762.7	869.1
-11.25°	263.3	327.1	373.0	410.7	445.4	476.3	512.0	553.1	605.1	673.1	751.6
-12.5°	229.1	291.1	349.8	386.3	421.8	452.4	482.3	515.6	553.1	597.2	656.3
-13.75°	192.8	252.3	311.2	360.1	394.3	427.5	454.8	482.3	512.0	543.0	580.2
-15°	156.4	211.1	268.0	323.5	365.3	397.1	427.5	452.4	476.3	501.3	527.3
-16.25°	121.7	170.0	222.5	275.9	327.6	365.3	394.3	421.8	445.4	464.6	485.8
-17.5°	90.4	130.3	176.8	226.4	275.9	323.5	360.1	386.3	410.7	433.3	450.4
-18.75°	65.3	94.3	133.1	176.8	222.5	268.0	311.2	349.8	373.0	394.4	413.7
-20°	53.9	66.3	94.3	130.3	170.0	211.1	252.3	291.1	327.1	354.9	373.2
-21.25°	48.5	53.9	65.3	90.4	121.7	156.4	192.8	229.1	263.3	294.7	323.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	45.3	48.2	52.3	62.9	82.5	107.5	137.5	168.7	198.9	228.5	255.3
-23.75°	42.6	45.0	47.4	50.9	58.8	70.8	91.2	114.8	139.5	164.6	188.1
-25°	39.8	42.1	44.3	46.4	49.3	53.2	61.5	73.7	90.5	108.4	127.6
-26.25°	37.4	39.2	41.3	43.4	45.3	47.2	49.9	53.6	60.3	67.2	80.3
-27.5°	34.9	36.7	38.5	40.2	42.1	43.8	45.5	47.0	49.2	51.3	55.4
-28.75°	32.8	34.2	35.9	37.4	38.9	40.5	42.1	43.5	44.9	46.1	47.3
-30°	31.9	32.5	33.2	34.8	36.2	37.5	38.8	40.1	41.4	42.5	43.5
-31.25°	31.0	31.6	32.1	32.7	33.4	34.7	35.9	37.0	38.1	39.0	39.9
-32.5°	30.4	30.7	31.2	31.7	32.1	32.6	33.0	34.1	35.1	36.0	36.8
-33.75°	30.0	30.2	30.5	30.7	31.1	31.6	32.0	32.3	32.7	33.0	33.7
-35°	29.5	29.7	30.0	30.2	30.4	30.6	30.9	31.3	31.6	31.9	32.1
-36.25°	29.0	29.3	29.5	29.7	29.9	30.1	30.3	30.5	30.6	30.8	31.0
-37.5°	28.5	28.7	29.0	29.2	29.4	29.6	29.8	29.9	30.1	30.2	30.3
-38.75°	28.0	28.2	28.4	28.7	28.9	29.1	29.2	29.4	29.6	29.7	29.8
-40°	27.5	27.8	28.0	28.2	28.3	28.5	28.7	28.8	29.0	29.1	29.2
-41.25°	27.1	27.3	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.5	28.6
-42.5°	26.6	26.8	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.0	28.1
-43.75°	26.1	26.3	26.5	26.7	26.8	27.0	27.1	27.2	27.3	27.5	27.5
-45°	25.8	25.9	26.1	26.2	26.3	26.5	26.6	26.7	26.8	26.9	27.0
-46.25°	25.4	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5
-47.5°	25.4	25.4	25.4	25.4	25.5	25.6	25.7	25.8	25.9	25.9	26.0
-48.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.6	25.6
-50°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-51.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-52.5°	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-53.75°	24.9	25.0	25.1	25.2	25.3	25.3	25.4	25.4	25.4	25.4	25.4
-55°	24.4	24.6	24.7	24.8	24.9	25.0	25.0	25.1	25.2	25.2	25.3
-56.25°	23.4	23.7	23.9	24.2	24.4	24.6	24.7	24.7	24.8	24.8	24.9
-57.5°	22.4	22.7	22.9	23.1	23.3	23.5	23.7	23.8	24.0	24.1	24.2
-58.75°	21.6	21.8	22.0	22.1	22.3	22.5	22.6	22.8	22.9	23.0	23.1
-60°	20.7	20.9	21.1	21.2	21.4	21.5	21.7	21.8	21.9	22.0	22.1
-61.25°	19.4	19.7	20.0	20.3	20.5	20.6	20.8	20.9	21.0	21.1	21.2
-62.5°	18.0	18.3	18.6	18.8	19.0	19.2	19.4	19.6	19.8	19.9	20.1
-63.75°	16.6	16.9	17.1	17.3	17.6	17.8	17.9	18.1	18.3	18.4	18.5
-65°	15.2	15.5	15.7	15.9	16.1	16.3	16.5	16.6	16.8	16.9	17.0
-66.25°	13.9	14.1	14.3	14.5	14.7	14.9	15.0	15.2	15.3	15.4	15.5
-67.5°	12.7	12.9	13.1	13.3	13.4	13.6	13.7	13.8	13.9	14.0	14.1
-68.75°	11.6	11.7	11.9	12.0	12.2	12.3	12.4	12.6	12.7	12.7	12.8
-70°	10.5	10.6	10.8	10.9	11.0	11.1	11.3	11.3	11.4	11.5	11.6
-71.25°	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.4
-72.5°	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.4
-73.75°	8.1	8.1	8.2	8.3	8.4	8.4	8.5	8.5	8.6	8.6	8.6
-75°	7.7	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9
-76.25°	7.3	7.3	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5
-77.5°	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1	7.1



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.6
-80°	5.7	5.7	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0
-81.25°	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.3	5.3
-82.5°	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
-83.75°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
-85°	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	3.0
-86.25°	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
82.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
81.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3	5.3
80°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
78.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.6	6.6	6.6	6.6
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
76.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.7	8.7	8.7	8.7
72.5°	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
71.25°	10.5	10.5	10.6	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.6
70°	11.6	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7
68.75°	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
67.5°	14.2	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.3	14.3
66.25°	15.6	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
65°	17.1	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.3	17.3
63.75°	18.7	18.7	18.8	18.9	18.9	18.9	19.0	18.9	18.9	18.9	18.8
62.5°	20.2	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
61.25°	21.2	21.3	21.4	21.4	21.4	21.4	21.5	21.4	21.4	21.4	21.4
60°	22.2	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
58.75°	23.2	23.3	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.4	23.4
57.5°	24.3	24.4	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.5	24.5
56.25°	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
55°	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
53.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
52.5°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
51.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
50°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
48.75°	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.7
47.5°	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.1
46.25°	26.5	26.6	26.7	26.7	26.7	26.7	26.8	26.7	26.7	26.7	26.7
45°	27.1	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.2	27.2
43.75°	27.6	27.7	27.7	27.8	27.8	27.8	27.9	27.8	27.8	27.8	27.7
42.5°	28.2	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.3	28.3
41.25°	28.7	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.9
40°	29.3	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.5	29.5
38.75°	29.9	30.0	30.0	30.1	30.1	30.1	30.2	30.1	30.1	30.1	30.0
37.5°	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.6	30.6
36.25°	31.2	31.4	31.6	31.7	31.8	31.8	31.9	31.8	31.8	31.7	31.6
35°	32.4	32.6	32.7	32.8	32.9	33.0	33.0	33.0	32.9	32.8	32.7



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°
33.75°	34.3	34.9	35.4	35.7	36.0	36.1	36.2	36.1	36.0	35.7	35.4
32.5°	37.5	38.0	38.5	38.9	39.2	39.3	39.4	39.3	39.2	38.9	38.5
31.25°	40.8	41.5	42.1	42.6	42.9	43.1	43.2	43.1	42.9	42.6	42.1
30°	44.5	45.2	45.9	46.4	46.7	46.9	47.0	46.9	46.7	46.4	45.9
28.75°	48.8	50.1	51.2	52.3	54.0	55.1	55.4	55.1	54.0	52.3	51.2
27.5°	60.0	63.9	68.8	74.8	79.2	81.8	82.7	81.8	79.2	74.8	68.8
26.25°	91.7	102.5	113.8	122.8	129.2	133.0	134.3	133.0	129.2	122.8	113.8
25°	144.5	161.1	175.1	186.0	193.9	198.6	200.2	198.6	193.9	186.0	175.1
23.75°	209.5	228.8	244.7	257.2	266.2	271.6	273.4	271.6	266.2	257.2	244.7
22.5°	278.9	299.3	316.1	329.4	338.9	344.7	346.6	344.7	338.9	329.4	316.1
21.25°	347.4	360.6	371.5	380.1	386.3	390.1	391.4	390.1	386.3	380.1	371.5
20°	389.3	403.3	415.0	424.1	430.8	434.8	436.1	434.8	430.8	424.1	415.0
18.75°	430.9	443.9	453.9	461.8	468.0	472.2	473.6	472.2	468.0	461.8	453.9
17.5°	465.1	480.6	493.6	504.4	513.0	518.2	519.9	518.2	513.0	504.4	493.6
16.25°	505.6	524.7	541.0	558.0	570.3	577.8	580.4	577.8	570.3	558.0	541.0
15°	554.4	581.8	610.3	637.7	657.6	669.7	673.8	669.7	657.6	637.7	610.3
13.75°	623.6	667.5	712.1	749.1	776.9	798.3	805.5	798.3	776.9	749.1	712.1
12.5°	718.9	779.3	844.6	897.1	944.9	975.0	985.2	975.0	944.9	897.1	844.6
11.25°	838.6	927.3	1018.5	1101.4	1175.7	1221.3	1236.7	1221.3	1175.7	1101.4	1018.5
10°	988.9	1118.3	1255.0	1393.6	1507.1	1577.2	1600.9	1577.2	1507.1	1393.6	1255.0
8.75°	1179.2	1373.4	1579.9	1788.9	1950.0	2059.3	2098.3	2059.3	1950.0	1788.9	1579.9
7.5°	1418.8	1697.1	1985.4	2261.8	2475.9	2618.3	2667.0	2618.3	2475.9	2261.8	1985.4
6.25°	1697.1	2062.9	2431.3	2768.9	3030.5	3197.5	3255.3	3197.5	3030.5	2768.9	2431.3
5°	1985.4	2431.3	2872.3	3256.7	3556.5	3751.2	3819.9	3751.2	3556.5	3256.7	2872.3
3.75°	2261.8	2768.9	3256.7	3685.1	4012.9	4225.8	4291.4	4225.8	4012.9	3685.1	3256.7
2.5°	2475.9	3030.5	3556.5	4012.9	4360.9	4583.2	4654.1	4583.2	4360.9	4012.9	3556.5
1.25°	2618.3	3197.5	3751.2	4225.8	4583.2	4809.5	4888.1	4809.5	4583.2	4225.8	3751.2
0°	2667.0	3255.3	3819.9	4291.4	4654.1	4888.1	4991.2	4888.1	4654.1	4291.4	3819.9
-1.25°	2618.3	3197.5	3751.2	4225.8	4583.2	4809.5	4888.1	4809.5	4583.2	4225.8	3751.2
-2.5°	2475.9	3030.5	3556.5	4012.9	4360.9	4583.2	4654.1	4583.2	4360.9	4012.9	3556.5
-3.75°	2261.8	2768.9	3256.7	3685.1	4012.9	4225.8	4291.4	4225.8	4012.9	3685.1	3256.7
-5°	1985.4	2431.3	2872.3	3256.7	3556.5	3751.2	3819.9	3751.2	3556.5	3256.7	2872.3
-6.25°	1697.1	2062.9	2431.3	2768.9	3030.5	3197.5	3255.3	3197.5	3030.5	2768.9	2431.3
-7.5°	1418.8	1697.1	1985.4	2261.8	2475.9	2618.3	2667.0	2618.3	2475.9	2261.8	1985.4
-8.75°	1179.2	1373.4	1579.9	1788.9	1950.0	2059.3	2098.3	2059.3	1950.0	1788.9	1579.9
-10°	988.9	1118.3	1255.0	1393.6	1507.1	1577.2	1600.9	1577.2	1507.1	1393.6	1255.0
-11.25°	838.6	927.3	1018.5	1101.4	1175.7	1221.3	1236.7	1221.3	1175.7	1101.4	1018.5
-12.5°	718.9	779.3	844.6	897.1	944.9	975.0	985.2	975.0	944.9	897.1	844.6
-13.75°	623.6	667.5	712.1	749.1	776.9	798.3	805.5	798.3	776.9	749.1	712.1
-15°	554.4	581.8	610.3	637.7	657.6	669.7	673.8	669.7	657.6	637.7	610.3
-16.25°	505.6	524.7	541.0	558.0	570.3	577.8	580.4	577.8	570.3	558.0	541.0
-17.5°	465.1	480.6	493.6	504.4	513.0	518.2	519.9	518.2	513.0	504.4	493.6
-18.75°	430.9	443.9	453.9	461.8	468.0	472.2	473.6	472.2	468.0	461.8	453.9
-20°	389.3	403.3	415.0	424.1	430.8	434.8	436.1	434.8	430.8	424.1	415.0
-21.25°	347.4	360.6	371.5	380.1	386.3	390.1	391.4	390.1	386.3	380.1	371.5



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°
-22.5°	278.9	299.3	316.1	329.4	338.9	344.7	346.6	344.7	338.9	329.4	316.1
-23.75°	209.5	228.8	244.7	257.2	266.2	271.6	273.4	271.6	266.2	257.2	244.7
-25°	144.5	161.1	175.1	186.0	193.9	198.6	200.2	198.6	193.9	186.0	175.1
-26.25°	91.7	102.5	113.8	122.8	129.2	133.0	134.3	133.0	129.2	122.8	113.8
-27.5°	60.0	63.9	68.8	74.8	79.2	81.8	82.7	81.8	79.2	74.8	68.8
-28.75°	48.8	50.1	51.2	52.3	54.0	55.1	55.4	55.1	54.0	52.3	51.2
-30°	44.5	45.2	45.9	46.4	46.7	46.9	47.0	46.9	46.7	46.4	45.9
-31.25°	40.8	41.5	42.1	42.6	42.9	43.1	43.2	43.1	42.9	42.6	42.1
-32.5°	37.5	38.0	38.5	38.9	39.2	39.3	39.4	39.3	39.2	38.9	38.5
-33.75°	34.3	34.9	35.4	35.7	36.0	36.1	36.2	36.1	36.0	35.7	35.4
-35°	32.4	32.6	32.7	32.8	32.9	33.0	33.0	33.0	32.9	32.8	32.7
-36.25°	31.2	31.4	31.6	31.7	31.8	31.8	31.9	31.8	31.8	31.7	31.6
-37.5°	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.6	30.6
-38.75°	29.9	30.0	30.0	30.1	30.1	30.1	30.2	30.1	30.1	30.1	30.0
-40°	29.3	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.5	29.5
-41.25°	28.7	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.9
-42.5°	28.2	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.3	28.3
-43.75°	27.6	27.7	27.7	27.8	27.8	27.8	27.9	27.8	27.8	27.8	27.7
-45°	27.1	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.2	27.2
-46.25°	26.5	26.6	26.7	26.7	26.7	26.7	26.8	26.7	26.7	26.7	26.7
-47.5°	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.1
-48.75°	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.7
-50°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-51.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-52.5°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-53.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-55°	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-56.25°	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
-57.5°	24.3	24.4	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.5	24.5
-58.75°	23.2	23.3	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.4	23.4
-60°	22.2	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
-61.25°	21.2	21.3	21.4	21.4	21.4	21.4	21.5	21.4	21.4	21.4	21.4
-62.5°	20.2	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
-63.75°	18.7	18.7	18.8	18.9	18.9	18.9	19.0	18.9	18.9	18.9	18.8
-65°	17.1	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.3	17.3
-66.25°	15.6	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
-67.5°	14.2	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.3	14.3
-68.75°	12.9	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
-70°	11.6	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.7
-71.25°	10.5	10.5	10.6	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.6
-72.5°	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
-73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.7	8.7	8.7	8.7
-75°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-76.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°
-78.75°	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.6	6.6	6.6	6.6
-80°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-81.25°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3	5.3
-82.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
-83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
83.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
82.5°	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3
81.25°	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1
80°	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8
78.75°	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4
77.5°	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9
76.25°	7.6	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.4
75°	8.0	8.0	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7
73.75°	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2
72.5°	9.4	9.4	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9
71.25°	10.5	10.5	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7
70°	11.7	11.6	11.6	11.5	11.4	11.3	11.3	11.1	11.0	10.9	10.8
68.75°	13.0	12.9	12.8	12.7	12.7	12.6	12.4	12.3	12.2	12.0	11.9
67.5°	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.4	13.3	13.1
66.25°	15.7	15.6	15.5	15.4	15.3	15.2	15.0	14.9	14.7	14.5	14.3
65°	17.2	17.1	17.0	16.9	16.8	16.6	16.5	16.3	16.1	15.9	15.7
63.75°	18.7	18.7	18.5	18.4	18.3	18.1	17.9	17.8	17.6	17.3	17.1
62.5°	20.3	20.2	20.1	19.9	19.8	19.6	19.4	19.2	19.0	18.8	18.6
61.25°	21.3	21.2	21.2	21.1	21.0	20.9	20.8	20.6	20.5	20.3	20.0
60°	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.5	21.4	21.2	21.1
58.75°	23.3	23.2	23.1	23.0	22.9	22.8	22.6	22.5	22.3	22.1	22.0
57.5°	24.4	24.3	24.2	24.1	24.0	23.8	23.7	23.5	23.3	23.1	22.9
56.25°	24.9	24.9	24.9	24.8	24.8	24.7	24.7	24.6	24.4	24.2	23.9
55°	25.3	25.3	25.3	25.2	25.2	25.1	25.0	25.0	24.9	24.8	24.7
53.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.3	25.2	25.1
52.5°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
51.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
50°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
48.75°	25.7	25.7	25.6	25.6	25.5	25.4	25.4	25.4	25.4	25.4	25.4
47.5°	26.1	26.1	26.0	25.9	25.9	25.8	25.7	25.6	25.5	25.4	25.4
46.25°	26.6	26.5	26.5	26.4	26.3	26.2	26.1	26.0	25.9	25.8	25.7
45°	27.2	27.1	27.0	26.9	26.8	26.7	26.6	26.5	26.3	26.2	26.1
43.75°	27.7	27.6	27.5	27.5	27.3	27.2	27.1	27.0	26.8	26.7	26.5
42.5°	28.2	28.2	28.1	28.0	27.9	27.8	27.6	27.5	27.3	27.2	27.0
41.25°	28.8	28.7	28.6	28.5	28.4	28.3	28.1	28.0	27.8	27.7	27.5
40°	29.4	29.3	29.2	29.1	29.0	28.8	28.7	28.5	28.3	28.2	28.0
38.75°	30.0	29.9	29.8	29.7	29.6	29.4	29.2	29.1	28.9	28.7	28.4
37.5°	30.5	30.4	30.3	30.2	30.1	29.9	29.8	29.6	29.4	29.2	29.0
36.25°	31.4	31.2	31.0	30.8	30.6	30.5	30.3	30.1	29.9	29.7	29.5
35°	32.6	32.4	32.1	31.9	31.6	31.3	30.9	30.6	30.4	30.2	30.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	34.9	34.3	33.7	33.0	32.7	32.3	32.0	31.6	31.1	30.7	30.5
32.5°	38.0	37.5	36.8	36.0	35.1	34.1	33.0	32.6	32.1	31.7	31.2
31.25°	41.5	40.8	39.9	39.0	38.1	37.0	35.9	34.7	33.4	32.7	32.1
30°	45.2	44.5	43.5	42.5	41.4	40.1	38.8	37.5	36.2	34.8	33.2
28.75°	50.1	48.8	47.3	46.1	44.9	43.5	42.1	40.5	38.9	37.4	35.9
27.5°	63.9	60.0	55.4	51.3	49.2	47.0	45.5	43.8	42.1	40.2	38.5
26.25°	102.5	91.7	80.3	67.2	60.3	53.6	49.9	47.2	45.3	43.4	41.3
25°	161.1	144.5	127.6	108.4	90.5	73.7	61.5	53.2	49.3	46.4	44.3
23.75°	228.8	209.5	188.1	164.6	139.5	114.8	91.2	70.8	58.8	50.9	47.4
22.5°	299.3	278.9	255.3	228.5	198.9	168.7	137.5	107.5	82.5	62.9	52.3
21.25°	360.6	347.4	323.0	294.7	263.3	229.1	192.8	156.4	121.7	90.4	65.3
20°	403.3	389.3	373.2	354.9	327.1	291.1	252.3	211.1	170.0	130.3	94.3
18.75°	443.9	430.9	413.7	394.4	373.0	349.8	311.2	268.0	222.5	176.8	133.1
17.5°	480.6	465.1	450.4	433.3	410.7	386.3	360.1	323.5	275.9	226.4	176.8
16.25°	524.7	505.6	485.8	464.6	445.4	421.8	394.3	365.3	327.6	275.9	222.5
15°	581.8	554.4	527.3	501.3	476.3	452.4	427.5	397.1	365.3	323.5	268.0
13.75°	667.5	623.6	580.2	543.0	512.0	482.3	454.8	427.5	394.3	360.1	311.2
12.5°	779.3	718.9	656.3	597.2	553.1	515.6	482.3	452.4	421.8	386.3	349.8
11.25°	927.3	838.6	751.6	673.1	605.1	553.1	512.0	476.3	445.4	410.7	373.0
10°	1118.3	988.9	869.1	762.7	673.1	597.2	543.0	501.3	464.6	433.3	394.4
8.75°	1373.4	1179.2	1009.9	869.1	751.6	656.3	580.2	527.3	485.8	450.4	413.7
7.5°	1697.1	1418.8	1179.2	988.9	838.6	718.9	623.6	554.4	505.6	465.1	430.9
6.25°	2062.9	1697.1	1373.4	1118.3	927.3	779.3	667.5	581.8	524.7	480.6	443.9
5°	2431.3	1985.4	1579.9	1255.0	1018.5	844.6	712.1	610.3	541.0	493.6	453.9
3.75°	2768.9	2261.8	1788.9	1393.6	1101.4	897.1	749.1	637.7	558.0	504.4	461.8
2.5°	3030.5	2475.9	1950.0	1507.1	1175.7	944.9	776.9	657.6	570.3	513.0	468.0
1.25°	3197.5	2618.3	2059.3	1577.2	1221.3	975.0	798.3	669.7	577.8	518.2	472.2
0°	3255.3	2667.0	2098.3	1600.9	1236.7	985.2	805.5	673.8	580.4	519.9	473.6
-1.25°	3197.5	2618.3	2059.3	1577.2	1221.3	975.0	798.3	669.7	577.8	518.2	472.2
-2.5°	3030.5	2475.9	1950.0	1507.1	1175.7	944.9	776.9	657.6	570.3	513.0	468.0
-3.75°	2768.9	2261.8	1788.9	1393.6	1101.4	897.1	749.1	637.7	558.0	504.4	461.8
-5°	2431.3	1985.4	1579.9	1255.0	1018.5	844.6	712.1	610.3	541.0	493.6	453.9
-6.25°	2062.9	1697.1	1373.4	1118.3	927.3	779.3	667.5	581.8	524.7	480.6	443.9
-7.5°	1697.1	1418.8	1179.2	988.9	838.6	718.9	623.6	554.4	505.6	465.1	430.9
-8.75°	1373.4	1179.2	1009.9	869.1	751.6	656.3	580.2	527.3	485.8	450.4	413.7
-10°	1118.3	988.9	869.1	762.7	673.1	597.2	543.0	501.3	464.6	433.3	394.4
-11.25°	927.3	838.6	751.6	673.1	605.1	553.1	512.0	476.3	445.4	410.7	373.0
-12.5°	779.3	718.9	656.3	597.2	553.1	515.6	482.3	452.4	421.8	386.3	349.8
-13.75°	667.5	623.6	580.2	543.0	512.0	482.3	454.8	427.5	394.3	360.1	311.2
-15°	581.8	554.4	527.3	501.3	476.3	452.4	427.5	397.1	365.3	323.5	268.0
-16.25°	524.7	505.6	485.8	464.6	445.4	421.8	394.3	365.3	327.6	275.9	222.5
-17.5°	480.6	465.1	450.4	433.3	410.7	386.3	360.1	323.5	275.9	226.4	176.8
-18.75°	443.9	430.9	413.7	394.4	373.0	349.8	311.2	268.0	222.5	176.8	133.1
-20°	403.3	389.3	373.2	354.9	327.1	291.1	252.3	211.1	170.0	130.3	94.3
-21.25°	360.6	347.4	323.0	294.7	263.3	229.1	192.8	156.4	121.7	90.4	65.3



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	299.3	278.9	255.3	228.5	198.9	168.7	137.5	107.5	82.5	62.9	52.3
-23.75°	228.8	209.5	188.1	164.6	139.5	114.8	91.2	70.8	58.8	50.9	47.4
-25°	161.1	144.5	127.6	108.4	90.5	73.7	61.5	53.2	49.3	46.4	44.3
-26.25°	102.5	91.7	80.3	67.2	60.3	53.6	49.9	47.2	45.3	43.4	41.3
-27.5°	63.9	60.0	55.4	51.3	49.2	47.0	45.5	43.8	42.1	40.2	38.5
-28.75°	50.1	48.8	47.3	46.1	44.9	43.5	42.1	40.5	38.9	37.4	35.9
-30°	45.2	44.5	43.5	42.5	41.4	40.1	38.8	37.5	36.2	34.8	33.2
-31.25°	41.5	40.8	39.9	39.0	38.1	37.0	35.9	34.7	33.4	32.7	32.1
-32.5°	38.0	37.5	36.8	36.0	35.1	34.1	33.0	32.6	32.1	31.7	31.2
-33.75°	34.9	34.3	33.7	33.0	32.7	32.3	32.0	31.6	31.1	30.7	30.5
-35°	32.6	32.4	32.1	31.9	31.6	31.3	30.9	30.6	30.4	30.2	30.0
-36.25°	31.4	31.2	31.0	30.8	30.6	30.5	30.3	30.1	29.9	29.7	29.5
-37.5°	30.5	30.4	30.3	30.2	30.1	29.9	29.8	29.6	29.4	29.2	29.0
-38.75°	30.0	29.9	29.8	29.7	29.6	29.4	29.2	29.1	28.9	28.7	28.4
-40°	29.4	29.3	29.2	29.1	29.0	28.8	28.7	28.5	28.3	28.2	28.0
-41.25°	28.8	28.7	28.6	28.5	28.4	28.3	28.1	28.0	27.8	27.7	27.5
-42.5°	28.2	28.2	28.1	28.0	27.9	27.8	27.6	27.5	27.3	27.2	27.0
-43.75°	27.7	27.6	27.5	27.5	27.3	27.2	27.1	27.0	26.8	26.7	26.5
-45°	27.2	27.1	27.0	26.9	26.8	26.7	26.6	26.5	26.3	26.2	26.1
-46.25°	26.6	26.5	26.5	26.4	26.3	26.2	26.1	26.0	25.9	25.8	25.7
-47.5°	26.1	26.1	26.0	25.9	25.9	25.8	25.7	25.6	25.5	25.4	25.4
-48.75°	25.7	25.7	25.6	25.6	25.5	25.4	25.4	25.4	25.4	25.4	25.4
-50°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-51.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-52.5°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-53.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.3	25.2	25.1
-55°	25.3	25.3	25.3	25.2	25.2	25.1	25.0	25.0	24.9	24.8	24.7
-56.25°	24.9	24.9	24.9	24.8	24.8	24.7	24.7	24.6	24.4	24.2	23.9
-57.5°	24.4	24.3	24.2	24.1	24.0	23.8	23.7	23.5	23.3	23.1	22.9
-58.75°	23.3	23.2	23.1	23.0	22.9	22.8	22.6	22.5	22.3	22.1	22.0
-60°	22.3	22.2	22.1	22.0	21.9	21.8	21.7	21.5	21.4	21.2	21.1
-61.25°	21.3	21.2	21.2	21.1	21.0	20.9	20.8	20.6	20.5	20.3	20.0
-62.5°	20.3	20.2	20.1	19.9	19.8	19.6	19.4	19.2	19.0	18.8	18.6
-63.75°	18.7	18.7	18.5	18.4	18.3	18.1	17.9	17.8	17.6	17.3	17.1
-65°	17.2	17.1	17.0	16.9	16.8	16.6	16.5	16.3	16.1	15.9	15.7
-66.25°	15.7	15.6	15.5	15.4	15.3	15.2	15.0	14.9	14.7	14.5	14.3
-67.5°	14.3	14.2	14.1	14.0	13.9	13.8	13.7	13.6	13.4	13.3	13.1
-68.75°	13.0	12.9	12.8	12.7	12.7	12.6	12.4	12.3	12.2	12.0	11.9
-70°	11.7	11.6	11.6	11.5	11.4	11.3	11.3	11.1	11.0	10.9	10.8
-71.25°	10.5	10.5	10.4	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7
-72.5°	9.4	9.4	9.4	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9
-73.75°	8.7	8.7	8.6	8.6	8.6	8.5	8.5	8.4	8.4	8.3	8.2
-75°	8.0	8.0	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7
-76.25°	7.6	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.4
-77.5°	7.2	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	6.6	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.4	6.4	6.4
-80°	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8
-81.25°	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1
-82.5°	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3
-83.75°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
-85°	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-86.25°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
86.25°	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
85°	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4
83.75°	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2
82.5°	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
81.25°	5.0	5.0	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.6	4.5
80°	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2
78.75°	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.9	5.8
77.5°	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3
76.25°	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.9	6.8
75°	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2
73.75°	8.1	8.1	8.0	7.9	7.9	7.9	7.8	7.7	7.7	7.6	7.6
72.5°	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9
71.25°	9.6	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4
70°	10.6	10.5	10.3	10.2	10.0	9.8	9.6	9.5	9.3	9.2	9.1
68.75°	11.7	11.6	11.4	11.2	11.0	10.9	10.7	10.4	10.2	10.0	9.8
67.5°	12.9	12.7	12.5	12.3	12.1	11.9	11.7	11.4	11.2	11.0	10.7
66.25°	14.1	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.2	11.9	11.7
65°	15.5	15.2	15.0	14.7	14.4	14.2	13.9	13.6	13.3	13.0	12.7
63.75°	16.9	16.6	16.3	16.1	15.8	15.4	15.1	14.8	14.4	14.1	13.8
62.5°	18.3	18.0	17.7	17.4	17.1	16.8	16.4	16.1	15.7	15.3	14.9
61.25°	19.7	19.4	19.1	18.8	18.4	18.1	17.7	17.3	16.9	16.5	16.1
60°	20.9	20.7	20.5	20.2	19.8	19.4	19.0	18.6	18.2	17.8	17.3
58.75°	21.8	21.6	21.4	21.1	20.9	20.7	20.4	19.9	19.5	19.0	18.6
57.5°	22.7	22.4	22.2	22.0	21.7	21.5	21.2	21.0	20.7	20.3	19.8
56.25°	23.7	23.4	23.2	22.9	22.6	22.3	22.0	21.8	21.5	21.2	20.8
55°	24.6	24.4	24.2	23.9	23.6	23.2	22.9	22.6	22.2	21.9	21.6
53.75°	25.0	24.9	24.8	24.7	24.5	24.2	23.8	23.5	23.1	22.7	22.3
52.5°	25.4	25.3	25.2	25.0	24.9	24.8	24.7	24.4	24.0	23.6	23.2
51.25°	25.4	25.4	25.4	25.4	25.3	25.1	25.0	24.9	24.7	24.5	24.0
50°	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.2	25.0	24.9	24.7
48.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.2	25.0
47.5°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.3
46.25°	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
45°	25.9	25.8	25.7	25.5	25.4	25.4	25.4	25.4	25.4	25.4	25.4
43.75°	26.3	26.1	26.0	25.8	25.7	25.5	25.4	25.4	25.4	25.4	25.4
42.5°	26.8	26.6	26.4	26.2	26.0	25.8	25.7	25.5	25.4	25.4	25.4
41.25°	27.3	27.1	26.9	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.4
40°	27.8	27.5	27.3	27.1	26.8	26.6	26.3	26.1	25.9	25.7	25.5
38.75°	28.2	28.0	27.8	27.5	27.3	27.0	26.8	26.5	26.2	26.0	25.8
37.5°	28.7	28.5	28.2	28.0	27.7	27.5	27.2	26.9	26.6	26.3	26.0
36.25°	29.3	29.0	28.7	28.4	28.2	27.9	27.6	27.3	27.0	26.7	26.4
35°	29.7	29.5	29.2	28.9	28.6	28.3	28.0	27.7	27.4	27.1	26.7



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	30.2	30.0	29.7	29.4	29.1	28.7	28.4	28.1	27.8	27.4	27.1
32.5°	30.7	30.4	30.1	29.8	29.5	29.2	28.8	28.5	28.1	27.8	27.5
31.25°	31.6	31.0	30.6	30.3	29.9	29.6	29.3	28.9	28.5	28.2	27.8
30°	32.5	31.9	31.3	30.7	30.4	30.0	29.7	29.3	28.9	28.5	28.1
28.75°	34.2	32.8	32.2	31.5	30.8	30.4	30.1	29.7	29.3	28.9	28.5
27.5°	36.7	34.9	33.1	32.3	31.6	30.9	30.4	30.1	29.7	29.3	28.8
26.25°	39.2	37.4	35.4	33.5	32.4	31.7	30.9	30.4	30.0	29.6	29.2
25°	42.1	39.8	37.8	35.7	33.6	32.4	31.6	30.8	30.4	29.9	29.5
23.75°	45.0	42.6	40.1	37.9	35.7	33.5	32.3	31.5	30.7	30.3	29.8
22.5°	48.2	45.3	42.7	40.1	37.8	35.4	33.1	32.2	31.3	30.6	30.1
21.25°	53.9	48.5	45.3	42.6	39.8	37.4	34.9	32.8	31.9	31.0	30.4
20°	66.3	53.9	48.2	45.0	42.1	39.2	36.7	34.2	32.5	31.6	30.7
18.75°	94.3	65.3	52.3	47.4	44.3	41.3	38.5	35.9	33.2	32.1	31.2
17.5°	130.3	90.4	62.9	50.9	46.4	43.4	40.2	37.4	34.8	32.7	31.7
16.25°	170.0	121.7	82.5	58.8	49.3	45.3	42.1	38.9	36.2	33.4	32.1
15°	211.1	156.4	107.5	70.8	53.2	47.2	43.8	40.5	37.5	34.7	32.6
13.75°	252.3	192.8	137.5	91.2	61.5	49.9	45.5	42.1	38.8	35.9	33.0
12.5°	291.1	229.1	168.7	114.8	73.7	53.6	47.0	43.5	40.1	37.0	34.1
11.25°	327.1	263.3	198.9	139.5	90.5	60.3	49.2	44.9	41.4	38.1	35.1
10°	354.9	294.7	228.5	164.6	108.4	67.2	51.3	46.1	42.5	39.0	36.0
8.75°	373.2	323.0	255.3	188.1	127.6	80.3	55.4	47.3	43.5	39.9	36.8
7.5°	389.3	347.4	278.9	209.5	144.5	91.7	60.0	48.8	44.5	40.8	37.5
6.25°	403.3	360.6	299.3	228.8	161.1	102.5	63.9	50.1	45.2	41.5	38.0
5°	415.0	371.5	316.1	244.7	175.1	113.8	68.8	51.2	45.9	42.1	38.5
3.75°	424.1	380.1	329.4	257.2	186.0	122.8	74.8	52.3	46.4	42.6	38.9
2.5°	430.8	386.3	338.9	266.2	193.9	129.2	79.2	54.0	46.7	42.9	39.2
1.25°	434.8	390.1	344.7	271.6	198.6	133.0	81.8	55.1	46.9	43.1	39.3
0°	436.1	391.4	346.6	273.4	200.2	134.3	82.7	55.4	47.0	43.2	39.4
-1.25°	434.8	390.1	344.7	271.6	198.6	133.0	81.8	55.1	46.9	43.1	39.3
-2.5°	430.8	386.3	338.9	266.2	193.9	129.2	79.2	54.0	46.7	42.9	39.2
-3.75°	424.1	380.1	329.4	257.2	186.0	122.8	74.8	52.3	46.4	42.6	38.9
-5°	415.0	371.5	316.1	244.7	175.1	113.8	68.8	51.2	45.9	42.1	38.5
-6.25°	403.3	360.6	299.3	228.8	161.1	102.5	63.9	50.1	45.2	41.5	38.0
-7.5°	389.3	347.4	278.9	209.5	144.5	91.7	60.0	48.8	44.5	40.8	37.5
-8.75°	373.2	323.0	255.3	188.1	127.6	80.3	55.4	47.3	43.5	39.9	36.8
-10°	354.9	294.7	228.5	164.6	108.4	67.2	51.3	46.1	42.5	39.0	36.0
-11.25°	327.1	263.3	198.9	139.5	90.5	60.3	49.2	44.9	41.4	38.1	35.1
-12.5°	291.1	229.1	168.7	114.8	73.7	53.6	47.0	43.5	40.1	37.0	34.1
-13.75°	252.3	192.8	137.5	91.2	61.5	49.9	45.5	42.1	38.8	35.9	33.0
-15°	211.1	156.4	107.5	70.8	53.2	47.2	43.8	40.5	37.5	34.7	32.6
-16.25°	170.0	121.7	82.5	58.8	49.3	45.3	42.1	38.9	36.2	33.4	32.1
-17.5°	130.3	90.4	62.9	50.9	46.4	43.4	40.2	37.4	34.8	32.7	31.7
-18.75°	94.3	65.3	52.3	47.4	44.3	41.3	38.5	35.9	33.2	32.1	31.2
-20°	66.3	53.9	48.2	45.0	42.1	39.2	36.7	34.2	32.5	31.6	30.7
-21.25°	53.9	48.5	45.3	42.6	39.8	37.4	34.9	32.8	31.9	31.0	30.4



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	48.2	45.3	42.7	40.1	37.8	35.4	33.1	32.2	31.3	30.6	30.1
-23.75°	45.0	42.6	40.1	37.9	35.7	33.5	32.3	31.5	30.7	30.3	29.8
-25°	42.1	39.8	37.8	35.7	33.6	32.4	31.6	30.8	30.4	29.9	29.5
-26.25°	39.2	37.4	35.4	33.5	32.4	31.7	30.9	30.4	30.0	29.6	29.2
-27.5°	36.7	34.9	33.1	32.3	31.6	30.9	30.4	30.1	29.7	29.3	28.8
-28.75°	34.2	32.8	32.2	31.5	30.8	30.4	30.1	29.7	29.3	28.9	28.5
-30°	32.5	31.9	31.3	30.7	30.4	30.0	29.7	29.3	28.9	28.5	28.1
-31.25°	31.6	31.0	30.6	30.3	29.9	29.6	29.3	28.9	28.5	28.2	27.8
-32.5°	30.7	30.4	30.1	29.8	29.5	29.2	28.8	28.5	28.1	27.8	27.5
-33.75°	30.2	30.0	29.7	29.4	29.1	28.7	28.4	28.1	27.8	27.4	27.1
-35°	29.7	29.5	29.2	28.9	28.6	28.3	28.0	27.7	27.4	27.1	26.7
-36.25°	29.3	29.0	28.7	28.4	28.2	27.9	27.6	27.3	27.0	26.7	26.4
-37.5°	28.7	28.5	28.2	28.0	27.7	27.5	27.2	26.9	26.6	26.3	26.0
-38.75°	28.2	28.0	27.8	27.5	27.3	27.0	26.8	26.5	26.2	26.0	25.8
-40°	27.8	27.5	27.3	27.1	26.8	26.6	26.3	26.1	25.9	25.7	25.5
-41.25°	27.3	27.1	26.9	26.6	26.4	26.2	26.0	25.8	25.6	25.4	25.4
-42.5°	26.8	26.6	26.4	26.2	26.0	25.8	25.7	25.5	25.4	25.4	25.4
-43.75°	26.3	26.1	26.0	25.8	25.7	25.5	25.4	25.4	25.4	25.4	25.4
-45°	25.9	25.8	25.7	25.5	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-46.25°	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
-47.5°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.3
-48.75°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.2	25.0
-50°	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.2	25.0	24.9	24.7
-51.25°	25.4	25.4	25.4	25.4	25.3	25.1	25.0	24.9	24.7	24.5	24.0
-52.5°	25.4	25.3	25.2	25.0	24.9	24.8	24.7	24.4	24.0	23.6	23.2
-53.75°	25.0	24.9	24.8	24.7	24.5	24.2	23.8	23.5	23.1	22.7	22.3
-55°	24.6	24.4	24.2	23.9	23.6	23.2	22.9	22.6	22.2	21.9	21.6
-56.25°	23.7	23.4	23.2	22.9	22.6	22.3	22.0	21.8	21.5	21.2	20.8
-57.5°	22.7	22.4	22.2	22.0	21.7	21.5	21.2	21.0	20.7	20.3	19.8
-58.75°	21.8	21.6	21.4	21.1	20.9	20.7	20.4	19.9	19.5	19.0	18.6
-60°	20.9	20.7	20.5	20.2	19.8	19.4	19.0	18.6	18.2	17.8	17.3
-61.25°	19.7	19.4	19.1	18.8	18.4	18.1	17.7	17.3	16.9	16.5	16.1
-62.5°	18.3	18.0	17.7	17.4	17.1	16.8	16.4	16.1	15.7	15.3	14.9
-63.75°	16.9	16.6	16.3	16.1	15.8	15.4	15.1	14.8	14.4	14.1	13.8
-65°	15.5	15.2	15.0	14.7	14.4	14.2	13.9	13.6	13.3	13.0	12.7
-66.25°	14.1	13.9	13.7	13.5	13.3	13.0	12.8	12.5	12.2	11.9	11.7
-67.5°	12.9	12.7	12.5	12.3	12.1	11.9	11.7	11.4	11.2	11.0	10.7
-68.75°	11.7	11.6	11.4	11.2	11.0	10.9	10.7	10.4	10.2	10.0	9.8
-70°	10.6	10.5	10.3	10.2	10.0	9.8	9.6	9.5	9.3	9.2	9.1
-71.25°	9.6	9.5	9.4	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4
-72.5°	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9
-73.75°	8.1	8.1	8.0	7.9	7.9	7.9	7.8	7.7	7.7	7.6	7.6
-75°	7.7	7.7	7.6	7.6	7.5	7.5	7.4	7.4	7.3	7.3	7.2
-76.25°	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.0	6.9	6.9	6.8
-77.5°	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	6.3	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9	5.9	5.8
-80°	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.2
-81.25°	5.0	5.0	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.6	4.5
-82.5°	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8
-83.75°	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2
-85°	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.4
-86.25°	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2
85°	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8
83.75°	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5
82.5°	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
81.25°	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.7
80°	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
78.75°	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.8
77.5°	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3
76.25°	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
75°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
73.75°	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6
72.5°	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0
71.25°	8.3	8.2	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
70°	8.9	8.8	8.6	8.4	8.3	8.1	8.0	7.9	7.8	7.7	7.6
68.75°	9.5	9.4	9.2	9.0	8.9	8.7	8.5	8.3	8.1	8.0	7.8
67.5°	10.5	10.2	9.9	9.7	9.4	9.2	9.0	8.8	8.6	8.4	8.2
66.25°	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	8.7
65°	12.4	12.1	11.7	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.2
63.75°	13.4	13.1	12.7	12.4	12.0	11.6	11.3	10.9	10.5	10.2	9.8
62.5°	14.5	14.1	13.7	13.3	13.0	12.5	12.1	11.7	11.3	10.9	10.5
61.25°	15.7	15.2	14.8	14.3	13.9	13.5	13.0	12.6	12.1	11.7	11.3
60°	16.9	16.4	15.9	15.4	14.9	14.4	14.0	13.5	13.0	12.5	12.0
58.75°	18.1	17.6	17.1	16.6	16.0	15.5	14.9	14.4	13.9	13.4	12.9
57.5°	19.3	18.8	18.2	17.7	17.1	16.6	16.0	15.4	14.8	14.2	13.7
56.25°	20.5	20.0	19.4	18.8	18.2	17.6	17.0	16.4	15.8	15.2	14.5
55°	21.2	20.9	20.5	20.0	19.3	18.7	18.1	17.4	16.8	16.1	15.4
53.75°	22.0	21.6	21.2	20.9	20.5	19.8	19.1	18.4	17.8	17.1	16.4
52.5°	22.8	22.3	21.9	21.5	21.1	20.7	20.2	19.5	18.7	18.0	17.3
51.25°	23.6	23.1	22.7	22.2	21.8	21.4	20.9	20.5	19.7	19.0	18.2
50°	24.4	24.0	23.5	23.0	22.5	22.0	21.6	21.1	20.6	19.9	19.1
48.75°	24.8	24.7	24.3	23.8	23.2	22.7	22.2	21.7	21.2	20.7	20.0
47.5°	25.1	25.0	24.8	24.5	24.0	23.4	22.9	22.3	21.8	21.3	20.8
46.25°	25.4	25.2	25.0	24.8	24.6	24.1	23.6	23.0	22.4	21.8	21.3
45°	25.4	25.4	25.3	25.1	24.9	24.7	24.3	23.7	23.0	22.4	21.8
43.75°	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.3	23.7	23.0	22.4
42.5°	25.4	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.3	23.7	23.0
41.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.3	23.6
40°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.1
38.75°	25.5	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.2	24.9	24.6
37.5°	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.1	24.8
36.25°	26.1	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.0
35°	26.4	26.1	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.2



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	26.7	26.4	26.1	25.8	25.5	25.4	25.4	25.4	25.4	25.4	25.4
32.5°	27.1	26.7	26.4	26.0	25.8	25.5	25.4	25.4	25.4	25.4	25.4
31.25°	27.4	27.1	26.7	26.3	26.0	25.7	25.4	25.4	25.4	25.4	25.4
30°	27.8	27.4	27.0	26.6	26.2	25.9	25.6	25.4	25.4	25.4	25.4
28.75°	28.1	27.7	27.3	26.9	26.5	26.1	25.8	25.5	25.4	25.4	25.4
27.5°	28.4	28.0	27.6	27.2	26.8	26.3	26.0	25.7	25.4	25.4	25.4
26.25°	28.7	28.3	27.9	27.5	27.0	26.6	26.2	25.8	25.5	25.4	25.4
25°	29.1	28.6	28.2	27.7	27.3	26.8	26.4	26.0	25.7	25.4	25.4
23.75°	29.4	28.9	28.4	28.0	27.5	27.1	26.6	26.2	25.8	25.5	25.4
22.5°	29.7	29.2	28.7	28.2	27.8	27.3	26.9	26.4	26.0	25.7	25.4
21.25°	30.0	29.5	29.0	28.5	28.0	27.5	27.1	26.6	26.1	25.8	25.4
20°	30.2	29.7	29.3	28.7	28.2	27.8	27.3	26.8	26.3	25.9	25.6
18.75°	30.5	30.0	29.5	29.0	28.4	28.0	27.5	27.0	26.5	26.1	25.7
17.5°	30.7	30.2	29.7	29.2	28.7	28.2	27.7	27.2	26.7	26.2	25.8
16.25°	31.1	30.4	29.9	29.4	28.9	28.3	27.8	27.3	26.8	26.3	25.9
15°	31.6	30.6	30.1	29.6	29.1	28.5	28.0	27.5	27.0	26.5	26.0
13.75°	32.0	30.9	30.3	29.8	29.2	28.7	28.1	27.6	27.1	26.6	26.1
12.5°	32.3	31.3	30.5	29.9	29.4	28.8	28.3	27.8	27.2	26.7	26.2
11.25°	32.7	31.6	30.6	30.1	29.6	29.0	28.4	27.9	27.3	26.8	26.3
10°	33.0	31.9	30.8	30.2	29.7	29.1	28.5	28.0	27.5	26.9	26.4
8.75°	33.7	32.1	31.0	30.3	29.8	29.2	28.6	28.1	27.5	27.0	26.5
7.5°	34.3	32.4	31.2	30.4	29.9	29.3	28.7	28.2	27.6	27.1	26.5
6.25°	34.9	32.6	31.4	30.5	30.0	29.4	28.8	28.2	27.7	27.2	26.6
5°	35.4	32.7	31.6	30.6	30.0	29.5	28.9	28.3	27.7	27.2	26.7
3.75°	35.7	32.8	31.7	30.6	30.1	29.5	28.9	28.3	27.8	27.2	26.7
2.5°	36.0	32.9	31.8	30.7	30.1	29.6	29.0	28.4	27.8	27.3	26.7
1.25°	36.1	33.0	31.8	30.7	30.1	29.6	29.0	28.4	27.8	27.3	26.7
0°	36.2	33.0	31.9	30.7	30.2	29.6	29.0	28.4	27.9	27.3	26.8
-1.25°	36.1	33.0	31.8	30.7	30.1	29.6	29.0	28.4	27.8	27.3	26.7
-2.5°	36.0	32.9	31.8	30.7	30.1	29.6	29.0	28.4	27.8	27.3	26.7
-3.75°	35.7	32.8	31.7	30.6	30.1	29.5	28.9	28.3	27.8	27.2	26.7
-5°	35.4	32.7	31.6	30.6	30.0	29.5	28.9	28.3	27.7	27.2	26.7
-6.25°	34.9	32.6	31.4	30.5	30.0	29.4	28.8	28.2	27.7	27.2	26.6
-7.5°	34.3	32.4	31.2	30.4	29.9	29.3	28.7	28.2	27.6	27.1	26.5
-8.75°	33.7	32.1	31.0	30.3	29.8	29.2	28.6	28.1	27.5	27.0	26.5
-10°	33.0	31.9	30.8	30.2	29.7	29.1	28.5	28.0	27.5	26.9	26.4
-11.25°	32.7	31.6	30.6	30.1	29.6	29.0	28.4	27.9	27.3	26.8	26.3
-12.5°	32.3	31.3	30.5	29.9	29.4	28.8	28.3	27.8	27.2	26.7	26.2
-13.75°	32.0	30.9	30.3	29.8	29.2	28.7	28.1	27.6	27.1	26.6	26.1
-15°	31.6	30.6	30.1	29.6	29.1	28.5	28.0	27.5	27.0	26.5	26.0
-16.25°	31.1	30.4	29.9	29.4	28.9	28.3	27.8	27.3	26.8	26.3	25.9
-17.5°	30.7	30.2	29.7	29.2	28.7	28.2	27.7	27.2	26.7	26.2	25.8
-18.75°	30.5	30.0	29.5	29.0	28.4	28.0	27.5	27.0	26.5	26.1	25.7
-20°	30.2	29.7	29.3	28.7	28.2	27.8	27.3	26.8	26.3	25.9	25.6
-21.25°	30.0	29.5	29.0	28.5	28.0	27.5	27.1	26.6	26.1	25.8	25.4



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	29.7	29.2	28.7	28.2	27.8	27.3	26.9	26.4	26.0	25.7	25.4
-23.75°	29.4	28.9	28.4	28.0	27.5	27.1	26.6	26.2	25.8	25.5	25.4
-25°	29.1	28.6	28.2	27.7	27.3	26.8	26.4	26.0	25.7	25.4	25.4
-26.25°	28.7	28.3	27.9	27.5	27.0	26.6	26.2	25.8	25.5	25.4	25.4
-27.5°	28.4	28.0	27.6	27.2	26.8	26.3	26.0	25.7	25.4	25.4	25.4
-28.75°	28.1	27.7	27.3	26.9	26.5	26.1	25.8	25.5	25.4	25.4	25.4
-30°	27.8	27.4	27.0	26.6	26.2	25.9	25.6	25.4	25.4	25.4	25.4
-31.25°	27.4	27.1	26.7	26.3	26.0	25.7	25.4	25.4	25.4	25.4	25.4
-32.5°	27.1	26.7	26.4	26.0	25.8	25.5	25.4	25.4	25.4	25.4	25.4
-33.75°	26.7	26.4	26.1	25.8	25.5	25.4	25.4	25.4	25.4	25.4	25.4
-35°	26.4	26.1	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.2
-36.25°	26.1	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.0
-37.5°	25.8	25.6	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.1	24.8
-38.75°	25.5	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.2	24.9	24.6
-40°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.1
-41.25°	25.4	25.4	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.3	23.6
-42.5°	25.4	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.3	23.7	23.0
-43.75°	25.4	25.4	25.4	25.4	25.2	25.0	24.7	24.3	23.7	23.0	22.4
-45°	25.4	25.4	25.3	25.1	24.9	24.7	24.3	23.7	23.0	22.4	21.8
-46.25°	25.4	25.2	25.0	24.8	24.6	24.1	23.6	23.0	22.4	21.8	21.3
-47.5°	25.1	25.0	24.8	24.5	24.0	23.4	22.9	22.3	21.8	21.3	20.8
-48.75°	24.8	24.7	24.3	23.8	23.2	22.7	22.2	21.7	21.2	20.7	20.0
-50°	24.4	24.0	23.5	23.0	22.5	22.0	21.6	21.1	20.6	19.9	19.1
-51.25°	23.6	23.1	22.7	22.2	21.8	21.4	20.9	20.5	19.7	19.0	18.2
-52.5°	22.8	22.3	21.9	21.5	21.1	20.7	20.2	19.5	18.7	18.0	17.3
-53.75°	22.0	21.6	21.2	20.9	20.5	19.8	19.1	18.4	17.8	17.1	16.4
-55°	21.2	20.9	20.5	20.0	19.3	18.7	18.1	17.4	16.8	16.1	15.4
-56.25°	20.5	20.0	19.4	18.8	18.2	17.6	17.0	16.4	15.8	15.2	14.5
-57.5°	19.3	18.8	18.2	17.7	17.1	16.6	16.0	15.4	14.8	14.2	13.7
-58.75°	18.1	17.6	17.1	16.6	16.0	15.5	14.9	14.4	13.9	13.4	12.9
-60°	16.9	16.4	15.9	15.4	14.9	14.4	14.0	13.5	13.0	12.5	12.0
-61.25°	15.7	15.2	14.8	14.3	13.9	13.5	13.0	12.6	12.1	11.7	11.3
-62.5°	14.5	14.1	13.7	13.3	13.0	12.5	12.1	11.7	11.3	10.9	10.5
-63.75°	13.4	13.1	12.7	12.4	12.0	11.6	11.3	10.9	10.5	10.2	9.8
-65°	12.4	12.1	11.7	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.2
-66.25°	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	8.7
-67.5°	10.5	10.2	9.9	9.7	9.4	9.2	9.0	8.8	8.6	8.4	8.2
-68.75°	9.5	9.4	9.2	9.0	8.9	8.7	8.5	8.3	8.1	8.0	7.8
-70°	8.9	8.8	8.6	8.4	8.3	8.1	8.0	7.9	7.8	7.7	7.6
-71.25°	8.3	8.2	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
-72.5°	7.8	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0
-73.75°	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6
-75°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
-76.25°	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
-77.5°	6.3	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.3



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.1	5.0	4.9	4.8
-80°	5.1	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
-81.25°	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.7
-82.5°	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
-83.75°	3.1	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.5
-85°	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8
-86.25°	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.5	0.5	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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
85°	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1
83.75°	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.6
82.5°	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0
81.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5
80°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.0
78.75°	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
77.5°	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8
76.25°	5.6	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.2
75°	6.1	6.0	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.6
73.75°	6.5	6.4	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.9
72.5°	6.9	6.7	6.6	6.5	6.3	6.2	6.1	5.9	5.7	5.5	5.3
71.25°	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.6
70°	7.5	7.4	7.3	7.1	7.0	6.8	6.7	6.5	6.4	6.2	6.0
68.75°	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.6	6.5	6.3
67.5°	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.1	6.9	6.7	6.6
66.25°	8.5	8.2	8.0	7.9	7.7	7.6	7.5	7.3	7.2	7.0	6.8
65°	9.0	8.7	8.5	8.2	8.0	7.8	7.7	7.5	7.4	7.3	7.1
63.75°	9.4	9.2	8.9	8.6	8.4	8.1	7.9	7.8	7.6	7.4	7.3
62.5°	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.8	7.6	7.5
61.25°	10.8	10.4	10.0	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.7
60°	11.6	11.1	10.6	10.2	9.7	9.3	9.0	8.7	8.4	8.0	7.8
58.75°	12.3	11.8	11.3	10.8	10.3	9.8	9.4	9.1	8.7	8.4	8.0
57.5°	13.1	12.6	12.0	11.5	11.0	10.4	9.9	9.4	9.1	8.7	8.4
56.25°	13.9	13.3	12.8	12.2	11.6	11.0	10.5	9.9	9.4	9.1	8.7
55°	14.8	14.1	13.5	12.9	12.3	11.6	11.1	10.5	9.9	9.4	9.0
53.75°	15.7	14.9	14.2	13.6	12.9	12.3	11.6	11.0	10.4	9.8	9.3
52.5°	16.5	15.8	15.0	14.3	13.6	12.9	12.3	11.6	11.0	10.3	9.7
51.25°	17.4	16.6	15.9	15.1	14.3	13.6	12.9	12.2	11.5	10.8	10.2
50°	18.3	17.5	16.7	15.9	15.0	14.2	13.5	12.8	12.0	11.3	10.6
48.75°	19.2	18.4	17.5	16.6	15.8	14.9	14.1	13.3	12.6	11.8	11.1
47.5°	20.1	19.2	18.3	17.4	16.5	15.7	14.8	13.9	13.1	12.3	11.6
46.25°	20.8	20.0	19.1	18.2	17.3	16.4	15.4	14.5	13.7	12.9	12.0
45°	21.3	20.7	19.9	19.0	18.0	17.1	16.1	15.2	14.2	13.4	12.5
43.75°	21.8	21.2	20.6	19.7	18.7	17.8	16.8	15.8	14.8	13.9	13.0
42.5°	22.3	21.7	21.1	20.5	19.5	18.4	17.4	16.4	15.4	14.4	13.5
41.25°	22.9	22.2	21.6	20.9	20.2	19.1	18.1	17.0	16.0	14.9	14.0
40°	23.4	22.7	22.0	21.4	20.7	19.8	18.7	17.6	16.6	15.5	14.4
38.75°	24.0	23.2	22.5	21.8	21.1	20.5	19.3	18.2	17.1	16.0	14.9
37.5°	24.5	23.8	23.0	22.2	21.5	20.9	20.0	18.8	17.7	16.6	15.4
36.25°	24.8	24.3	23.5	22.7	21.9	21.2	20.5	19.4	18.2	17.1	15.9
35°	25.0	24.7	24.0	23.1	22.3	21.6	20.9	20.0	18.8	17.6	16.4



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	25.1	24.8	24.4	23.6	22.8	22.0	21.2	20.5	19.3	18.1	16.9
32.5°	25.3	25.0	24.7	24.0	23.2	22.3	21.6	20.8	19.8	18.6	17.3
31.25°	25.4	25.2	24.9	24.5	23.6	22.7	21.9	21.2	20.3	19.0	17.8
30°	25.4	25.3	25.0	24.7	24.0	23.1	22.2	21.5	20.7	19.5	18.2
28.75°	25.4	25.4	25.2	24.9	24.4	23.5	22.6	21.8	21.0	19.9	18.6
27.5°	25.4	25.4	25.3	25.0	24.7	23.8	22.9	22.0	21.2	20.4	19.0
26.25°	25.4	25.4	25.4	25.1	24.8	24.2	23.2	22.3	21.5	20.7	19.4
25°	25.4	25.4	25.4	25.3	24.9	24.5	23.6	22.6	21.7	20.9	19.8
23.75°	25.4	25.4	25.4	25.4	25.0	24.7	23.9	22.9	22.0	21.1	20.2
22.5°	25.4	25.4	25.4	25.4	25.2	24.8	24.2	23.2	22.2	21.4	20.5
21.25°	25.4	25.4	25.4	25.4	25.3	24.9	24.4	23.4	22.4	21.6	20.7
20°	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.7	22.7	21.8	20.9
18.75°	25.4	25.4	25.4	25.4	25.4	25.1	24.7	23.9	22.9	22.0	21.1
17.5°	25.4	25.4	25.4	25.4	25.4	25.2	24.8	24.2	23.1	22.1	21.2
16.25°	25.5	25.4	25.4	25.4	25.4	25.3	24.9	24.4	23.3	22.3	21.4
15°	25.6	25.4	25.4	25.4	25.4	25.3	25.0	24.6	23.5	22.5	21.5
13.75°	25.7	25.4	25.4	25.4	25.4	25.4	25.0	24.7	23.7	22.6	21.7
12.5°	25.8	25.4	25.4	25.4	25.4	25.4	25.1	24.7	23.8	22.8	21.8
11.25°	25.9	25.5	25.4	25.4	25.4	25.4	25.2	24.8	24.0	22.9	21.9
10°	25.9	25.6	25.4	25.4	25.4	25.4	25.2	24.8	24.1	23.0	22.0
8.75°	26.0	25.6	25.4	25.4	25.4	25.4	25.3	24.9	24.2	23.1	22.1
7.5°	26.1	25.7	25.4	25.4	25.4	25.4	25.3	24.9	24.3	23.2	22.2
6.25°	26.1	25.7	25.4	25.4	25.4	25.4	25.3	24.9	24.4	23.3	22.3
5°	26.1	25.7	25.4	25.4	25.4	25.4	25.4	25.0	24.5	23.4	22.3
3.75°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.5	23.4	22.3
2.5°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.5	22.4
1.25°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.5	22.4
0°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.5	22.4
-1.25°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.5	22.4
-2.5°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.5	22.4
-3.75°	26.2	25.8	25.4	25.4	25.4	25.4	25.4	25.0	24.5	23.4	22.3
-5°	26.1	25.7	25.4	25.4	25.4	25.4	25.4	25.0	24.5	23.4	22.3
-6.25°	26.1	25.7	25.4	25.4	25.4	25.4	25.3	24.9	24.4	23.3	22.3
-7.5°	26.1	25.7	25.4	25.4	25.4	25.4	25.3	24.9	24.3	23.2	22.2
-8.75°	26.0	25.6	25.4	25.4	25.4	25.4	25.3	24.9	24.2	23.1	22.1
-10°	25.9	25.6	25.4	25.4	25.4	25.4	25.2	24.8	24.1	23.0	22.0
-11.25°	25.9	25.5	25.4	25.4	25.4	25.4	25.2	24.8	24.0	22.9	21.9
-12.5°	25.8	25.4	25.4	25.4	25.4	25.4	25.1	24.7	23.8	22.8	21.8
-13.75°	25.7	25.4	25.4	25.4	25.4	25.4	25.0	24.7	23.7	22.6	21.7
-15°	25.6	25.4	25.4	25.4	25.4	25.3	25.0	24.6	23.5	22.5	21.5
-16.25°	25.5	25.4	25.4	25.4	25.4	25.3	24.9	24.4	23.3	22.3	21.4
-17.5°	25.4	25.4	25.4	25.4	25.4	25.2	24.8	24.2	23.1	22.1	21.2
-18.75°	25.4	25.4	25.4	25.4	25.4	25.1	24.7	23.9	22.9	22.0	21.1
-20°	25.4	25.4	25.4	25.4	25.4	25.0	24.6	23.7	22.7	21.8	20.9
-21.25°	25.4	25.4	25.4	25.4	25.3	24.9	24.4	23.4	22.4	21.6	20.7



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	25.4	25.4	25.4	25.4	25.2	24.8	24.2	23.2	22.2	21.4	20.5
-23.75°	25.4	25.4	25.4	25.4	25.0	24.7	23.9	22.9	22.0	21.1	20.2
-25°	25.4	25.4	25.4	25.3	24.9	24.5	23.6	22.6	21.7	20.9	19.8
-26.25°	25.4	25.4	25.4	25.1	24.8	24.2	23.2	22.3	21.5	20.7	19.4
-27.5°	25.4	25.4	25.3	25.0	24.7	23.8	22.9	22.0	21.2	20.4	19.0
-28.75°	25.4	25.4	25.2	24.9	24.4	23.5	22.6	21.8	21.0	19.9	18.6
-30°	25.4	25.3	25.0	24.7	24.0	23.1	22.2	21.5	20.7	19.5	18.2
-31.25°	25.4	25.2	24.9	24.5	23.6	22.7	21.9	21.2	20.3	19.0	17.8
-32.5°	25.3	25.0	24.7	24.0	23.2	22.3	21.6	20.8	19.8	18.6	17.3
-33.75°	25.1	24.8	24.4	23.6	22.8	22.0	21.2	20.5	19.3	18.1	16.9
-35°	25.0	24.7	24.0	23.1	22.3	21.6	20.9	20.0	18.8	17.6	16.4
-36.25°	24.8	24.3	23.5	22.7	21.9	21.2	20.5	19.4	18.2	17.1	15.9
-37.5°	24.5	23.8	23.0	22.2	21.5	20.9	20.0	18.8	17.7	16.6	15.4
-38.75°	24.0	23.2	22.5	21.8	21.1	20.5	19.3	18.2	17.1	16.0	14.9
-40°	23.4	22.7	22.0	21.4	20.7	19.8	18.7	17.6	16.6	15.5	14.4
-41.25°	22.9	22.2	21.6	20.9	20.2	19.1	18.1	17.0	16.0	14.9	14.0
-42.5°	22.3	21.7	21.1	20.5	19.5	18.4	17.4	16.4	15.4	14.4	13.5
-43.75°	21.8	21.2	20.6	19.7	18.7	17.8	16.8	15.8	14.8	13.9	13.0
-45°	21.3	20.7	19.9	19.0	18.0	17.1	16.1	15.2	14.2	13.4	12.5
-46.25°	20.8	20.0	19.1	18.2	17.3	16.4	15.4	14.5	13.7	12.9	12.0
-47.5°	20.1	19.2	18.3	17.4	16.5	15.7	14.8	13.9	13.1	12.3	11.6
-48.75°	19.2	18.4	17.5	16.6	15.8	14.9	14.1	13.3	12.6	11.8	11.1
-50°	18.3	17.5	16.7	15.9	15.0	14.2	13.5	12.8	12.0	11.3	10.6
-51.25°	17.4	16.6	15.9	15.1	14.3	13.6	12.9	12.2	11.5	10.8	10.2
-52.5°	16.5	15.8	15.0	14.3	13.6	12.9	12.3	11.6	11.0	10.3	9.7
-53.75°	15.7	14.9	14.2	13.6	12.9	12.3	11.6	11.0	10.4	9.8	9.3
-55°	14.8	14.1	13.5	12.9	12.3	11.6	11.1	10.5	9.9	9.4	9.0
-56.25°	13.9	13.3	12.8	12.2	11.6	11.0	10.5	9.9	9.4	9.1	8.7
-57.5°	13.1	12.6	12.0	11.5	11.0	10.4	9.9	9.4	9.1	8.7	8.4
-58.75°	12.3	11.8	11.3	10.8	10.3	9.8	9.4	9.1	8.7	8.4	8.0
-60°	11.6	11.1	10.6	10.2	9.7	9.3	9.0	8.7	8.4	8.0	7.8
-61.25°	10.8	10.4	10.0	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.7
-62.5°	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.8	7.6	7.5
-63.75°	9.4	9.2	8.9	8.6	8.4	8.1	7.9	7.8	7.6	7.4	7.3
-65°	9.0	8.7	8.5	8.2	8.0	7.8	7.7	7.5	7.4	7.3	7.1
-66.25°	8.5	8.2	8.0	7.9	7.7	7.6	7.5	7.3	7.2	7.0	6.8
-67.5°	8.0	7.9	7.8	7.6	7.5	7.4	7.3	7.1	6.9	6.7	6.6
-68.75°	7.7	7.6	7.5	7.4	7.3	7.1	7.0	6.8	6.6	6.5	6.3
-70°	7.5	7.4	7.3	7.1	7.0	6.8	6.7	6.5	6.4	6.2	6.0
-71.25°	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1	5.9	5.6
-72.5°	6.9	6.7	6.6	6.5	6.3	6.2	6.1	5.9	5.7	5.5	5.3
-73.75°	6.5	6.4	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.9
-75°	6.1	6.0	5.8	5.7	5.5	5.4	5.2	5.1	4.9	4.7	4.6
-76.25°	5.6	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.2
-77.5°	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.4
-80°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	3.0
-81.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5
-82.5°	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0
-83.75°	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.7	1.6
-85°	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1
-86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
-88.75°	0.4	0.4	0.4	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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
83.75°	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
82.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.1	1.0	0.9
81.25°	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
80°	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3
78.75°	3.2	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6
77.5°	3.6	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8
76.25°	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.7	2.5	2.3	2.1
75°	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.1	2.8	2.6	2.4
73.75°	4.7	4.6	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.6
72.5°	5.1	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.3	3.1	2.9
71.25°	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1
70°	5.8	5.6	5.3	5.1	4.9	4.6	4.4	4.1	3.8	3.6	3.3
68.75°	6.1	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.5
67.5°	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.3	4.0	3.7
66.25°	6.6	6.4	6.2	6.0	5.7	5.4	5.1	4.9	4.6	4.3	3.9
65°	6.9	6.7	6.4	6.2	6.0	5.7	5.4	5.1	4.8	4.5	4.1
63.75°	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4
62.5°	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.2	4.9	4.6
61.25°	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.8	5.4	5.1	4.7
60°	7.7	7.5	7.3	7.1	6.8	6.6	6.3	6.0	5.6	5.3	4.9
58.75°	7.8	7.6	7.4	7.3	7.0	6.7	6.5	6.2	5.9	5.5	5.1
57.5°	8.0	7.8	7.6	7.4	7.2	6.9	6.6	6.4	6.1	5.7	5.3
56.25°	8.3	8.0	7.8	7.5	7.3	7.1	6.8	6.5	6.2	5.9	5.5
55°	8.6	8.2	7.9	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.6
53.75°	8.9	8.5	8.1	7.8	7.6	7.4	7.1	6.8	6.5	6.2	5.8
52.5°	9.2	8.8	8.4	8.0	7.7	7.5	7.3	7.0	6.7	6.3	6.0
51.25°	9.5	9.1	8.6	8.2	7.9	7.6	7.4	7.1	6.8	6.5	6.1
50°	10.0	9.4	8.9	8.5	8.0	7.8	7.5	7.3	6.9	6.6	6.3
48.75°	10.4	9.7	9.2	8.7	8.2	7.9	7.6	7.4	7.1	6.7	6.4
47.5°	10.8	10.1	9.4	9.0	8.5	8.0	7.7	7.5	7.2	6.9	6.5
46.25°	11.3	10.5	9.8	9.2	8.7	8.2	7.8	7.6	7.3	7.0	6.6
45°	11.7	10.9	10.2	9.4	8.9	8.4	8.0	7.7	7.4	7.1	6.7
43.75°	12.1	11.3	10.5	9.8	9.1	8.6	8.1	7.8	7.5	7.2	6.8
42.5°	12.6	11.7	10.9	10.1	9.4	8.8	8.3	7.9	7.6	7.3	6.9
41.25°	13.0	12.1	11.3	10.4	9.6	9.0	8.5	8.0	7.7	7.4	7.0
40°	13.5	12.5	11.6	10.8	9.9	9.2	8.7	8.1	7.8	7.5	7.1
38.75°	13.9	13.0	12.0	11.1	10.2	9.4	8.9	8.3	7.8	7.5	7.2
37.5°	14.3	13.3	12.4	11.4	10.5	9.7	9.0	8.4	7.9	7.6	7.3
36.25°	14.8	13.7	12.7	11.7	10.8	9.9	9.2	8.6	8.0	7.7	7.4
35°	15.2	14.1	13.1	12.1	11.1	10.2	9.4	8.8	8.2	7.8	7.4



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	15.7	14.5	13.4	12.4	11.4	10.5	9.5	8.9	8.3	7.8	7.5
32.5°	16.1	14.9	13.8	12.7	11.7	10.7	9.8	9.1	8.4	7.9	7.6
31.25°	16.5	15.3	14.1	13.0	11.9	11.0	10.0	9.2	8.6	8.0	7.6
30°	16.9	15.7	14.4	13.3	12.2	11.2	10.2	9.3	8.7	8.1	7.7
28.75°	17.3	16.1	14.8	13.6	12.5	11.4	10.4	9.5	8.8	8.2	7.7
27.5°	17.7	16.4	15.1	13.9	12.8	11.7	10.7	9.6	8.9	8.3	7.8
26.25°	18.1	16.8	15.4	14.2	13.0	11.9	10.9	9.8	9.1	8.4	7.9
25°	18.4	17.1	15.8	14.4	13.3	12.1	11.0	10.0	9.2	8.5	7.9
23.75°	18.8	17.4	16.1	14.7	13.5	12.3	11.2	10.2	9.3	8.6	7.9
22.5°	19.1	17.7	16.3	15.0	13.7	12.5	11.4	10.3	9.4	8.7	8.0
21.25°	19.4	18.0	16.6	15.2	13.9	12.7	11.6	10.5	9.5	8.8	8.1
20°	19.7	18.3	16.9	15.5	14.1	12.9	11.7	10.6	9.6	8.8	8.1
18.75°	20.0	18.6	17.1	15.7	14.3	13.1	11.9	10.8	9.7	8.9	8.2
17.5°	20.3	18.8	17.3	15.9	14.5	13.3	12.0	10.9	9.8	9.0	8.3
16.25°	20.5	19.0	17.6	16.1	14.7	13.4	12.2	11.0	9.9	9.1	8.4
15°	20.6	19.2	17.8	16.3	14.9	13.6	12.3	11.1	10.0	9.1	8.4
13.75°	20.8	19.4	17.9	16.5	15.0	13.7	12.4	11.3	10.1	9.2	8.5
12.5°	20.9	19.6	18.1	16.6	15.2	13.8	12.6	11.3	10.2	9.2	8.5
11.25°	21.0	19.8	18.3	16.8	15.3	13.9	12.7	11.4	10.3	9.3	8.6
10°	21.1	19.9	18.4	16.9	15.4	14.0	12.7	11.5	10.4	9.3	8.6
8.75°	21.2	20.1	18.5	17.0	15.5	14.1	12.8	11.6	10.4	9.4	8.6
7.5°	21.2	20.2	18.7	17.1	15.6	14.2	12.9	11.6	10.5	9.4	8.7
6.25°	21.3	20.3	18.7	17.2	15.7	14.3	13.0	11.7	10.5	9.4	8.7
5°	21.4	20.4	18.8	17.3	15.8	14.3	13.0	11.7	10.6	9.5	8.7
3.75°	21.4	20.4	18.9	17.3	15.8	14.3	13.1	11.8	10.6	9.5	8.7
2.5°	21.4	20.5	18.9	17.4	15.9	14.4	13.1	11.8	10.6	9.5	8.7
1.25°	21.4	20.5	18.9	17.4	15.9	14.4	13.1	11.8	10.6	9.5	8.7
0°	21.5	20.5	19.0	17.4	15.9	14.4	13.1	11.8	10.7	9.5	8.8
-1.25°	21.4	20.5	18.9	17.4	15.9	14.4	13.1	11.8	10.6	9.5	8.7
-2.5°	21.4	20.5	18.9	17.4	15.9	14.4	13.1	11.8	10.6	9.5	8.7
-3.75°	21.4	20.4	18.9	17.3	15.8	14.3	13.1	11.8	10.6	9.5	8.7
-5°	21.4	20.4	18.8	17.3	15.8	14.3	13.0	11.7	10.6	9.5	8.7
-6.25°	21.3	20.3	18.7	17.2	15.7	14.3	13.0	11.7	10.5	9.4	8.7
-7.5°	21.2	20.2	18.7	17.1	15.6	14.2	12.9	11.6	10.5	9.4	8.7
-8.75°	21.2	20.1	18.5	17.0	15.5	14.1	12.8	11.6	10.4	9.4	8.6
-10°	21.1	19.9	18.4	16.9	15.4	14.0	12.7	11.5	10.4	9.3	8.6
-11.25°	21.0	19.8	18.3	16.8	15.3	13.9	12.7	11.4	10.3	9.3	8.6
-12.5°	20.9	19.6	18.1	16.6	15.2	13.8	12.6	11.3	10.2	9.2	8.5
-13.75°	20.8	19.4	17.9	16.5	15.0	13.7	12.4	11.3	10.1	9.2	8.5
-15°	20.6	19.2	17.8	16.3	14.9	13.6	12.3	11.1	10.0	9.1	8.4
-16.25°	20.5	19.0	17.6	16.1	14.7	13.4	12.2	11.0	9.9	9.1	8.4
-17.5°	20.3	18.8	17.3	15.9	14.5	13.3	12.0	10.9	9.8	9.0	8.3
-18.75°	20.0	18.6	17.1	15.7	14.3	13.1	11.9	10.8	9.7	8.9	8.2
-20°	19.7	18.3	16.9	15.5	14.1	12.9	11.7	10.6	9.6	8.8	8.1
-21.25°	19.4	18.0	16.6	15.2	13.9	12.7	11.6	10.5	9.5	8.8	8.1



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	19.1	17.7	16.3	15.0	13.7	12.5	11.4	10.3	9.4	8.7	8.0
-23.75°	18.8	17.4	16.1	14.7	13.5	12.3	11.2	10.2	9.3	8.6	7.9
-25°	18.4	17.1	15.8	14.4	13.3	12.1	11.0	10.0	9.2	8.5	7.9
-26.25°	18.1	16.8	15.4	14.2	13.0	11.9	10.9	9.8	9.1	8.4	7.9
-27.5°	17.7	16.4	15.1	13.9	12.8	11.7	10.7	9.6	8.9	8.3	7.8
-28.75°	17.3	16.1	14.8	13.6	12.5	11.4	10.4	9.5	8.8	8.2	7.7
-30°	16.9	15.7	14.4	13.3	12.2	11.2	10.2	9.3	8.7	8.1	7.7
-31.25°	16.5	15.3	14.1	13.0	11.9	11.0	10.0	9.2	8.6	8.0	7.6
-32.5°	16.1	14.9	13.8	12.7	11.7	10.7	9.8	9.1	8.4	7.9	7.6
-33.75°	15.7	14.5	13.4	12.4	11.4	10.5	9.5	8.9	8.3	7.8	7.5
-35°	15.2	14.1	13.1	12.1	11.1	10.2	9.4	8.8	8.2	7.8	7.4
-36.25°	14.8	13.7	12.7	11.7	10.8	9.9	9.2	8.6	8.0	7.7	7.4
-37.5°	14.3	13.3	12.4	11.4	10.5	9.7	9.0	8.4	7.9	7.6	7.3
-38.75°	13.9	13.0	12.0	11.1	10.2	9.4	8.9	8.3	7.8	7.5	7.2
-40°	13.5	12.5	11.6	10.8	9.9	9.2	8.7	8.1	7.8	7.5	7.1
-41.25°	13.0	12.1	11.3	10.4	9.6	9.0	8.5	8.0	7.7	7.4	7.0
-42.5°	12.6	11.7	10.9	10.1	9.4	8.8	8.3	7.9	7.6	7.3	6.9
-43.75°	12.1	11.3	10.5	9.8	9.1	8.6	8.1	7.8	7.5	7.2	6.8
-45°	11.7	10.9	10.2	9.4	8.9	8.4	8.0	7.7	7.4	7.1	6.7
-46.25°	11.3	10.5	9.8	9.2	8.7	8.2	7.8	7.6	7.3	7.0	6.6
-47.5°	10.8	10.1	9.4	9.0	8.5	8.0	7.7	7.5	7.2	6.9	6.5
-48.75°	10.4	9.7	9.2	8.7	8.2	7.9	7.6	7.4	7.1	6.7	6.4
-50°	10.0	9.4	8.9	8.5	8.0	7.8	7.5	7.3	6.9	6.6	6.3
-51.25°	9.5	9.1	8.6	8.2	7.9	7.6	7.4	7.1	6.8	6.5	6.1
-52.5°	9.2	8.8	8.4	8.0	7.7	7.5	7.3	7.0	6.7	6.3	6.0
-53.75°	8.9	8.5	8.1	7.8	7.6	7.4	7.1	6.8	6.5	6.2	5.8
-55°	8.6	8.2	7.9	7.7	7.5	7.3	7.0	6.7	6.4	6.1	5.6
-56.25°	8.3	8.0	7.8	7.5	7.3	7.1	6.8	6.5	6.2	5.9	5.5
-57.5°	8.0	7.8	7.6	7.4	7.2	6.9	6.6	6.4	6.1	5.7	5.3
-58.75°	7.8	7.6	7.4	7.3	7.0	6.7	6.5	6.2	5.9	5.5	5.1
-60°	7.7	7.5	7.3	7.1	6.8	6.6	6.3	6.0	5.6	5.3	4.9
-61.25°	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.8	5.4	5.1	4.7
-62.5°	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.2	4.9	4.6
-63.75°	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4
-65°	6.9	6.7	6.4	6.2	6.0	5.7	5.4	5.1	4.8	4.5	4.1
-66.25°	6.6	6.4	6.2	6.0	5.7	5.4	5.1	4.9	4.6	4.3	3.9
-67.5°	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.6	4.3	4.0	3.7
-68.75°	6.1	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.5
-70°	5.8	5.6	5.3	5.1	4.9	4.6	4.4	4.1	3.8	3.6	3.3
-71.25°	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1
-72.5°	5.1	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.3	3.1	2.9
-73.75°	4.7	4.6	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.6
-75°	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.1	2.8	2.6	2.4
-76.25°	4.0	3.8	3.7	3.5	3.3	3.1	3.0	2.7	2.5	2.3	2.1
-77.5°	3.6	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	3.2	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6
-80°	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3
-81.25°	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1
-82.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.1	1.0	0.9
-83.75°	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
-85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
-86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-88.75°	0.3	0.3	0.2	0.2	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: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	7.2	6.7	6.3	5.7	5.1	4.5	3.8	3.1	2.4	1.6	0.9
32.5°	7.2	6.8	6.3	5.8	5.2	4.5	3.8	3.2	2.4	1.6	0.9
31.25°	7.3	6.9	6.4	5.9	5.2	4.6	3.9	3.2	2.4	1.6	0.9
30°	7.3	6.9	6.5	5.9	5.3	4.6	4.0	3.3	2.5	1.7	1.0
28.75°	7.4	7.0	6.5	6.0	5.4	4.7	4.0	3.3	2.5	1.7	1.0
27.5°	7.4	7.1	6.6	6.1	5.4	4.8	4.1	3.3	2.6	1.7	1.0
26.25°	7.5	7.1	6.6	6.1	5.5	4.8	4.1	3.4	2.6	1.8	1.0
25°	7.5	7.2	6.7	6.2	5.5	4.9	4.1	3.4	2.6	1.8	1.0
23.75°	7.6	7.2	6.7	6.2	5.6	4.9	4.2	3.5	2.7	1.8	1.0
22.5°	7.6	7.3	6.8	6.3	5.6	4.9	4.2	3.5	2.7	1.8	1.0
21.25°	7.7	7.3	6.8	6.3	5.7	5.0	4.3	3.5	2.7	1.9	1.0
20°	7.7	7.3	6.9	6.3	5.7	5.0	4.3	3.6	2.8	1.9	1.0
18.75°	7.7	7.4	6.9	6.4	5.8	5.1	4.3	3.6	2.8	1.9	1.0
17.5°	7.8	7.4	6.9	6.4	5.8	5.1	4.4	3.6	2.8	1.9	1.0
16.25°	7.8	7.4	7.0	6.4	5.9	5.1	4.4	3.6	2.8	1.9	1.1
15°	7.8	7.4	7.0	6.5	5.9	5.2	4.4	3.7	2.9	2.0	1.1
13.75°	7.9	7.5	7.0	6.5	5.9	5.2	4.5	3.7	2.9	2.0	1.1
12.5°	7.9	7.5	7.1	6.5	6.0	5.2	4.5	3.7	2.9	2.0	1.1
11.25°	7.9	7.5	7.1	6.6	6.0	5.2	4.5	3.7	2.9	2.0	1.1
10°	7.9	7.5	7.1	6.6	6.0	5.3	4.5	3.7	2.9	2.0	1.1
8.75°	7.9	7.5	7.1	6.6	6.0	5.3	4.5	3.8	3.0	2.0	1.1
7.5°	8.0	7.6	7.2	6.6	6.0	5.3	4.6	3.8	3.0	2.0	1.1
6.25°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
5°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
3.75°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
2.5°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
1.25°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
0°	8.0	7.6	7.2	6.7	6.1	5.4	4.6	3.8	3.0	2.1	1.1
-1.25°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
-2.5°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
-3.75°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
-5°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
-6.25°	8.0	7.6	7.2	6.6	6.1	5.3	4.6	3.8	3.0	2.0	1.1
-7.5°	8.0	7.6	7.2	6.6	6.0	5.3	4.6	3.8	3.0	2.0	1.1
-8.75°	7.9	7.5	7.1	6.6	6.0	5.3	4.5	3.8	3.0	2.0	1.1
-10°	7.9	7.5	7.1	6.6	6.0	5.3	4.5	3.7	2.9	2.0	1.1
-11.25°	7.9	7.5	7.1	6.6	6.0	5.2	4.5	3.7	2.9	2.0	1.1
-12.5°	7.9	7.5	7.1	6.5	6.0	5.2	4.5	3.7	2.9	2.0	1.1
-13.75°	7.9	7.5	7.0	6.5	5.9	5.2	4.5	3.7	2.9	2.0	1.1
-15°	7.8	7.4	7.0	6.5	5.9	5.2	4.4	3.7	2.9	2.0	1.1
-16.25°	7.8	7.4	7.0	6.4	5.9	5.1	4.4	3.6	2.8	1.9	1.1
-17.5°	7.8	7.4	6.9	6.4	5.8	5.1	4.4	3.6	2.8	1.9	1.0
-18.75°	7.7	7.4	6.9	6.4	5.8	5.1	4.3	3.6	2.8	1.9	1.0
-20°	7.7	7.3	6.9	6.3	5.7	5.0	4.3	3.6	2.8	1.9	1.0
-21.25°	7.7	7.3	6.8	6.3	5.7	5.0	4.3	3.5	2.7	1.9	1.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	7.6	7.3	6.8	6.3	5.6	4.9	4.2	3.5	2.7	1.8	1.0
-23.75°	7.6	7.2	6.7	6.2	5.6	4.9	4.2	3.5	2.7	1.8	1.0
-25°	7.5	7.2	6.7	6.2	5.5	4.9	4.1	3.4	2.6	1.8	1.0
-26.25°	7.5	7.1	6.6	6.1	5.5	4.8	4.1	3.4	2.6	1.8	1.0
-27.5°	7.4	7.1	6.6	6.1	5.4	4.8	4.1	3.3	2.6	1.7	1.0
-28.75°	7.4	7.0	6.5	6.0	5.4	4.7	4.0	3.3	2.5	1.7	1.0
-30°	7.3	6.9	6.5	5.9	5.3	4.6	4.0	3.3	2.5	1.7	1.0
-31.25°	7.3	6.9	6.4	5.9	5.2	4.6	3.9	3.2	2.4	1.6	0.9
-32.5°	7.2	6.8	6.3	5.8	5.2	4.5	3.8	3.2	2.4	1.6	0.9
-33.75°	7.2	6.7	6.3	5.7	5.1	4.5	3.8	3.1	2.4	1.6	0.9
-35°	7.1	6.6	6.2	5.6	5.0	4.4	3.7	3.1	2.3	1.5	0.9
-36.25°	7.0	6.6	6.1	5.5	4.9	4.3	3.7	3.0	2.3	1.5	0.9
-37.5°	6.9	6.5	6.0	5.4	4.9	4.2	3.6	3.0	2.2	1.5	0.9
-38.75°	6.8	6.4	5.9	5.4	4.8	4.2	3.5	2.9	2.2	1.4	0.9
-40°	6.7	6.3	5.8	5.3	4.7	4.1	3.5	2.8	2.1	1.4	0.8
-41.25°	6.6	6.2	5.7	5.2	4.6	4.0	3.4	2.8	2.1	1.3	0.8
-42.5°	6.5	6.1	5.6	5.1	4.5	3.9	3.3	2.7	2.0	1.3	0.8
-43.75°	6.4	6.0	5.5	5.0	4.4	3.8	3.3	2.6	1.9	1.3	0.8
-45°	6.3	5.9	5.4	4.9	4.3	3.8	3.2	2.6	1.9	1.2	0.8
-46.25°	6.2	5.8	5.3	4.8	4.2	3.7	3.1	2.5	1.8	1.2	0.8
-47.5°	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.4	1.8	1.1	0.7
-48.75°	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.3	1.7	1.1	0.7
-50°	5.8	5.4	4.9	4.4	3.9	3.4	2.9	2.2	1.6	1.1	0.7
-51.25°	5.7	5.2	4.8	4.3	3.8	3.3	2.8	2.2	1.6	1.0	0.7
-52.5°	5.5	5.1	4.6	4.2	3.7	3.2	2.7	2.1	1.5	1.0	0.7
-53.75°	5.4	4.9	4.5	4.0	3.6	3.1	2.6	2.0	1.4	1.0	0.7
-55°	5.2	4.8	4.4	3.9	3.5	3.0	2.5	1.9	1.4	0.9	0.6
-56.25°	5.1	4.7	4.2	3.8	3.3	2.9	2.4	1.8	1.3	0.9	0.6
-57.5°	4.9	4.5	4.1	3.7	3.2	2.8	2.3	1.7	1.2	0.9	0.6
-58.75°	4.7	4.3	3.9	3.5	3.1	2.6	2.2	1.7	1.2	0.9	0.6
-60°	4.6	4.2	3.8	3.4	3.0	2.5	2.0	1.6	1.1	0.8	0.5
-61.25°	4.4	4.0	3.6	3.2	2.8	2.4	1.9	1.5	1.1	0.8	0.5
-62.5°	4.2	3.8	3.5	3.1	2.7	2.3	1.8	1.4	1.0	0.8	0.5
-63.75°	4.0	3.7	3.3	3.0	2.5	2.1	1.7	1.3	1.0	0.7	0.5
-65°	3.8	3.5	3.2	2.8	2.4	2.0	1.6	1.2	0.9	0.7	0.5
-66.25°	3.6	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.9	0.7	0.4
-67.5°	3.4	3.1	2.8	2.5	2.1	1.7	1.4	1.1	0.8	0.6	0.4
-68.75°	3.2	3.0	2.6	2.3	1.9	1.6	1.3	1.0	0.8	0.6	0.4
-70°	3.1	2.7	2.4	2.1	1.8	1.5	1.1	0.9	0.8	0.6	0.4
-71.25°	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.9	0.7	0.5	0.4
-72.5°	2.6	2.3	2.0	1.8	1.5	1.2	1.0	0.8	0.7	0.5	0.3
-73.75°	2.4	2.1	1.8	1.6	1.3	1.1	0.9	0.8	0.6	0.5	0.3
-75°	2.1	1.9	1.6	1.4	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-76.25°	1.9	1.7	1.4	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-77.5°	1.6	1.4	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.2	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-81.25°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-82.5°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-83.75°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-85°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.3	0.2	0.2	0.2	0.2	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	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	0.0
83.75°	0.1	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°	0.2	0.0
72.5°	0.2	0.0
71.25°	0.2	0.0
70°	0.2	0.0
68.75°	0.2	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°	0.3	0.0
61.25°	0.3	0.0
60°	0.3	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.3	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.4	0.0
48.75°	0.4	0.0
47.5°	0.4	0.0
46.25°	0.4	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.5	0.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.5	0.0
32.5°	0.5	0.0
31.25°	0.5	0.0
30°	0.5	0.0
28.75°	0.5	0.0
27.5°	0.5	0.0
26.25°	0.5	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.5	0.0
21.25°	0.5	0.0
20°	0.5	0.0
18.75°	0.5	0.0
17.5°	0.5	0.0
16.25°	0.5	0.0
15°	0.5	0.0
13.75°	0.5	0.0
12.5°	0.5	0.0
11.25°	0.5	0.0
10°	0.5	0.0
8.75°	0.5	0.0
7.5°	0.5	0.0
6.25°	0.5	0.0
5°	0.5	0.0
3.75°	0.5	0.0
2.5°	0.5	0.0
1.25°	0.5	0.0
0°	0.5	0.0
-1.25°	0.5	0.0
-2.5°	0.5	0.0
-3.75°	0.5	0.0
-5°	0.5	0.0
-6.25°	0.5	0.0
-7.5°	0.5	0.0
-8.75°	0.5	0.0
-10°	0.5	0.0
-11.25°	0.5	0.0
-12.5°	0.5	0.0
-13.75°	0.5	0.0
-15°	0.5	0.0
-16.25°	0.5	0.0
-17.5°	0.5	0.0
-18.75°	0.5	0.0
-20°	0.5	0.0
-21.25°	0.5	0.0



REPORT NUMBER: P220438 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.5	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.5	0.0
-27.5°	0.5	0.0
-28.75°	0.5	0.0
-30°	0.5	0.0
-31.25°	0.5	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.4	0.0
-41.25°	0.4	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.3	0.0
-52.5°	0.3	0.0
-53.75°	0.3	0.0
-55°	0.3	0.0
-56.25°	0.3	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	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°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.2	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-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°	0.1	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)