

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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

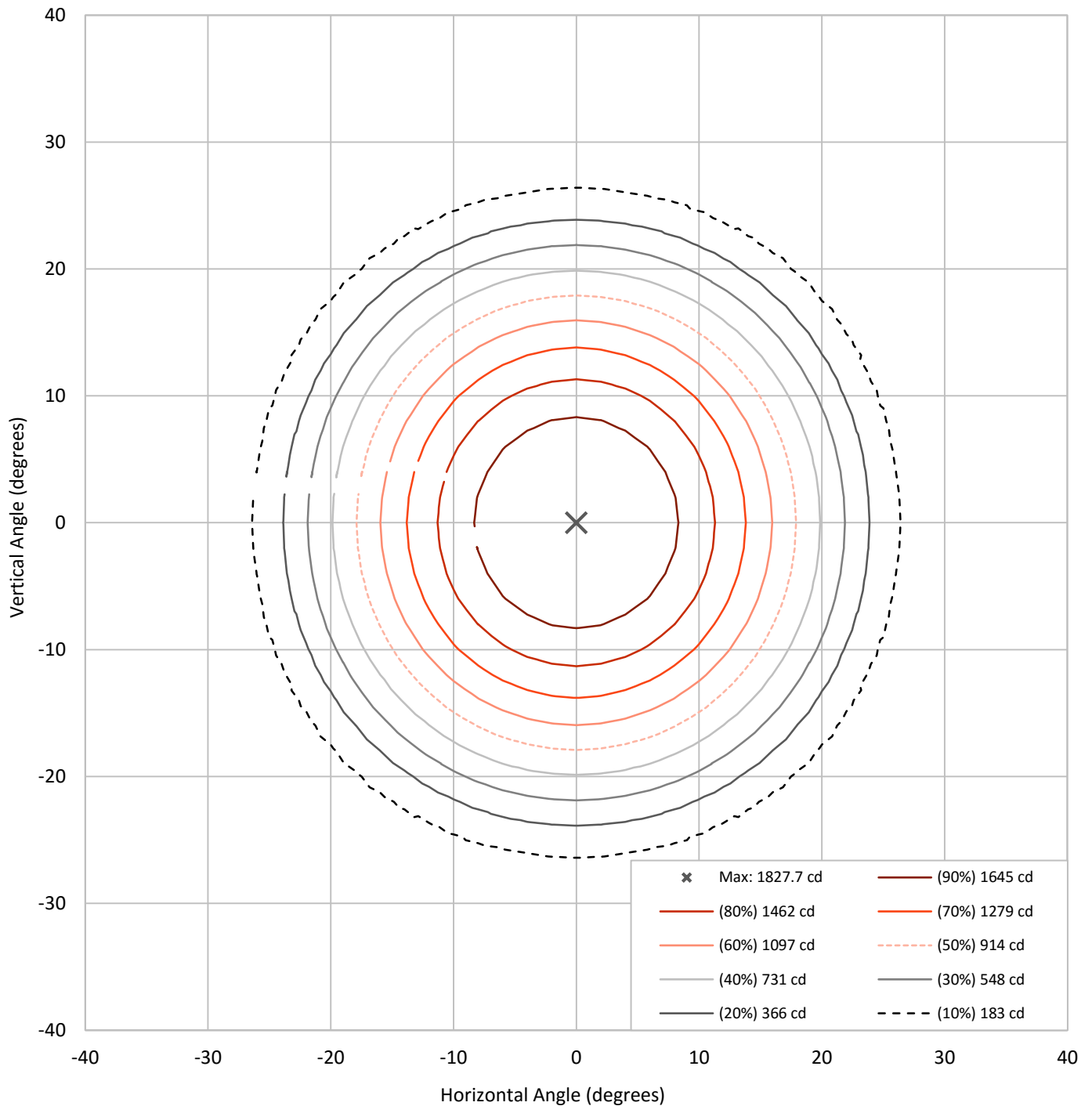
Test Method: LM-79-08
Report Number: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	711.6 lumens	Max Intensity:	1827.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	72.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	418.4 lumens	Field Lumens:	594.3 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





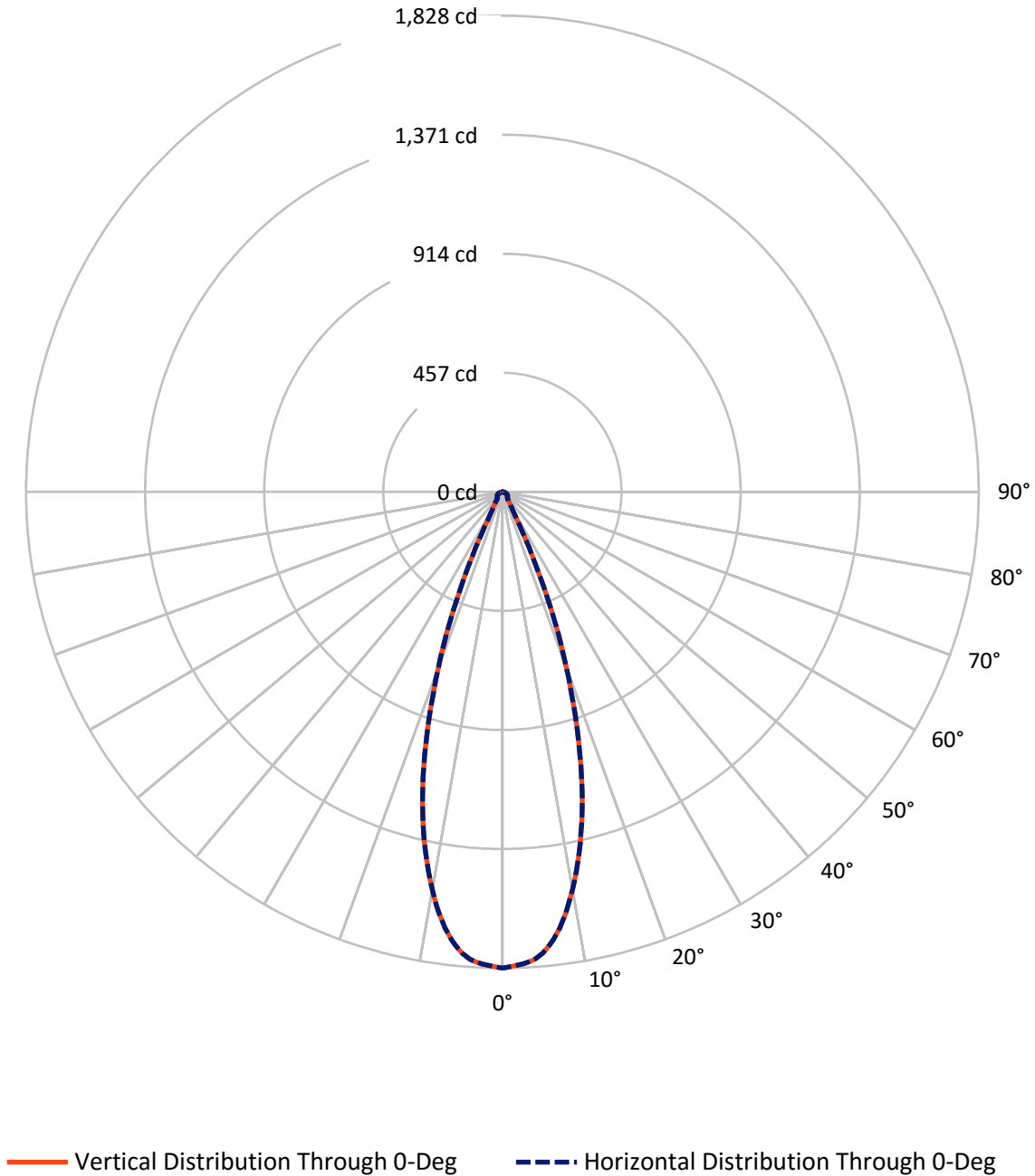
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Lumen Table

90	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0										
80	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0										
70	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4	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	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1				
50	0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.1	0.1			
40		0.1	0.3	0.5	0.7	0.8	1.0	1.3	1.3	1.0	0.8	0.7	0.5	0.3	0.1				
30	0.1	0.2	0.4	0.6	0.7	1.2	3.6	8.4	8.4	3.6	1.2	0.7	0.6	0.4	0.2	0.1			
20		0.2	0.4	0.6	0.9	3.4	17.9	32.6	32.6	17.9	3.4	0.9	0.6	0.4	0.2				
10	0.1	0.2	0.4	0.6	1.1	7.7	31.7	50.0	50.0	31.7	7.7	1.1	0.6	0.4	0.2	0.1			
0		0.2	0.4	0.6	1.1	7.7	31.7	50.0	50.0	31.7	7.7	1.1	0.6	0.4	0.2				
-10	0.1	0.2	0.4	0.6	0.9	3.4	17.9	32.6	32.6	17.9	3.4	0.9	0.6	0.4	0.2	0.1			
-20		0.2	0.4	0.6	0.7	1.2	3.6	8.4	8.4	3.6	1.2	0.7	0.6	0.4	0.2				
-30	0.1	0.1	0.3	0.5	0.7	0.8	1.0	1.3	1.3	1.0	0.8	0.7	0.5	0.3	0.1	0.1			
-40		0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.1				
-50	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	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	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1				
-70	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0							0.0			
-80		0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0										
-90	0.0	0.2	0.4	0.6	0.6	0.6	0.4	0.2	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

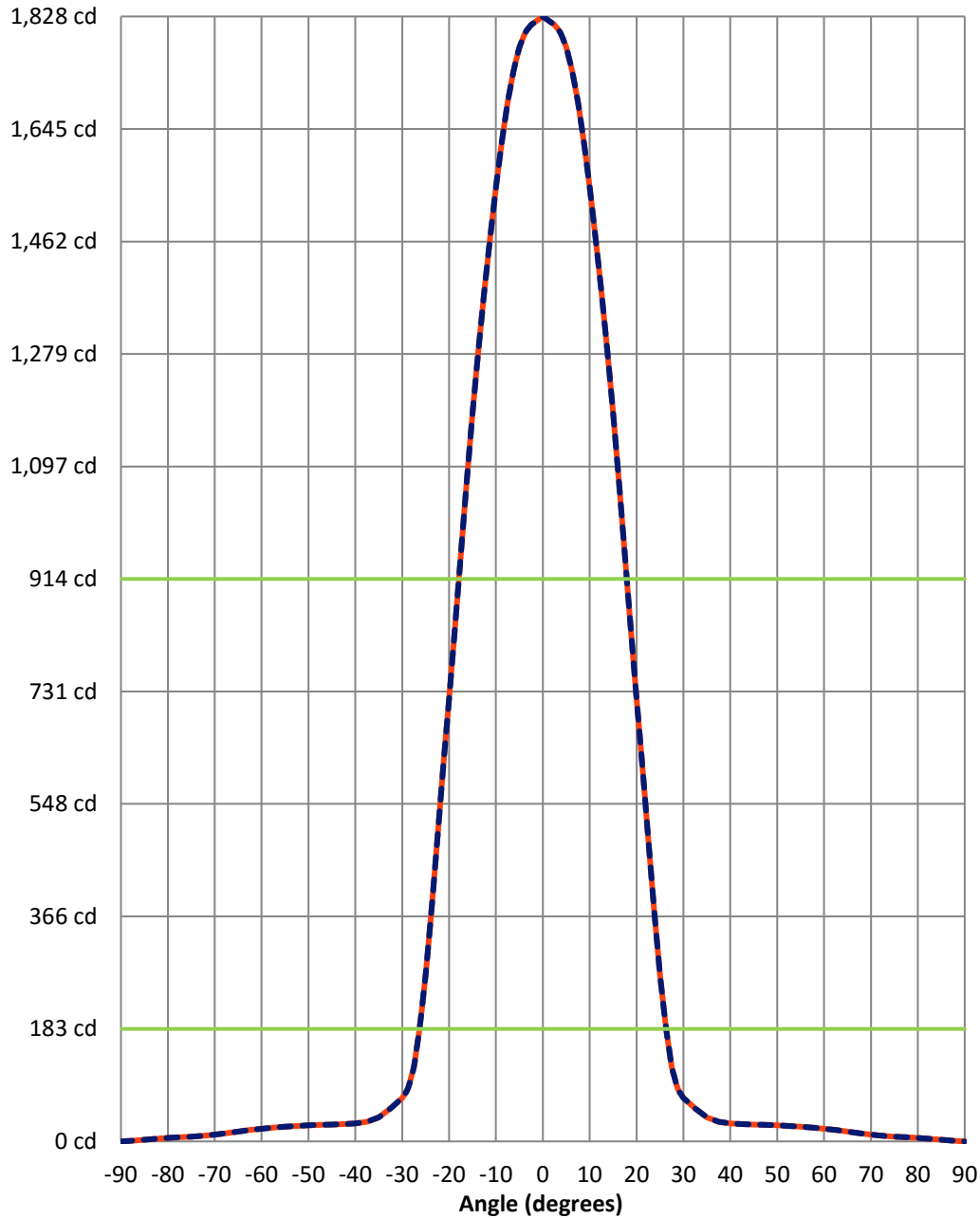
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 35.8°
 V Angle: 35.8°
 Lumens: 418.4
 Efficiency: 58.8%

Field:
 H Angle: 52.6°
 V Angle: 52.6°
 Lumens: 594.3
 Efficiency: 83.5%

Spill:
 Lumens: 117.3
 Efficiency: 16.5%

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



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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°
33.75°	0.0	0.5	0.9	1.5	2.2	2.8	3.4	4.1	4.7	5.3	5.9
32.5°	0.0	0.5	0.9	1.5	2.2	2.9	3.5	4.1	4.8	5.4	5.9
31.25°	0.0	0.5	0.9	1.6	2.2	2.9	3.5	4.2	4.8	5.5	6.0
30°	0.0	0.5	1.0	1.6	2.3	2.9	3.6	4.2	4.9	5.5	6.1
28.75°	0.0	0.5	1.0	1.6	2.3	3.0	3.6	4.3	5.0	5.6	6.1
27.5°	0.0	0.5	1.0	1.6	2.3	3.0	3.7	4.4	5.0	5.7	6.2
26.25°	0.0	0.5	1.0	1.7	2.4	3.1	3.7	4.4	5.1	5.7	6.2
25°	0.0	0.5	1.0	1.7	2.4	3.1	3.8	4.5	5.1	5.8	6.3
23.75°	0.0	0.5	1.0	1.7	2.4	3.1	3.8	4.5	5.2	5.8	6.3
22.5°	0.0	0.5	1.0	1.7	2.5	3.2	3.9	4.5	5.2	5.9	6.4
21.25°	0.0	0.5	1.0	1.7	2.5	3.2	3.9	4.6	5.3	5.9	6.4
20°	0.0	0.5	1.0	1.8	2.5	3.2	3.9	4.6	5.3	5.9	6.5
18.75°	0.0	0.5	1.0	1.8	2.5	3.3	4.0	4.7	5.4	6.0	6.5
17.5°	0.0	0.5	1.0	1.8	2.6	3.3	4.0	4.7	5.4	6.0	6.5
16.25°	0.0	0.5	1.1	1.8	2.6	3.3	4.0	4.7	5.5	6.0	6.6
15°	0.0	0.5	1.1	1.8	2.6	3.3	4.0	4.8	5.5	6.1	6.6
13.75°	0.0	0.5	1.1	1.8	2.6	3.3	4.1	4.8	5.5	6.1	6.6
12.5°	0.0	0.5	1.1	1.8	2.6	3.4	4.1	4.8	5.6	6.1	6.7
11.25°	0.0	0.5	1.1	1.9	2.6	3.4	4.1	4.8	5.6	6.2	6.7
10°	0.0	0.5	1.1	1.9	2.7	3.4	4.1	4.9	5.6	6.2	6.7
8.75°	0.0	0.5	1.1	1.9	2.7	3.4	4.1	4.9	5.6	6.2	6.7
7.5°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.6	6.2	6.8
6.25°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
5°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
3.75°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
2.5°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
1.25°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
0°	0.0	0.5	1.1	1.9	2.7	3.5	4.2	5.0	5.7	6.3	6.8
-1.25°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
-2.5°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
-3.75°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
-5°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
-6.25°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.7	6.2	6.8
-7.5°	0.0	0.5	1.1	1.9	2.7	3.4	4.2	4.9	5.6	6.2	6.8
-8.75°	0.0	0.5	1.1	1.9	2.7	3.4	4.1	4.9	5.6	6.2	6.7
-10°	0.0	0.5	1.1	1.9	2.7	3.4	4.1	4.9	5.6	6.2	6.7
-11.25°	0.0	0.5	1.1	1.9	2.6	3.4	4.1	4.8	5.6	6.2	6.7
-12.5°	0.0	0.5	1.1	1.8	2.6	3.4	4.1	4.8	5.6	6.1	6.7
-13.75°	0.0	0.5	1.1	1.8	2.6	3.3	4.1	4.8	5.5	6.1	6.6
-15°	0.0	0.5	1.1	1.8	2.6	3.3	4.0	4.8	5.5	6.1	6.6
-16.25°	0.0	0.5	1.1	1.8	2.6	3.3	4.0	4.7	5.5	6.0	6.6
-17.5°	0.0	0.5	1.0	1.8	2.6	3.3	4.0	4.7	5.4	6.0	6.5
-18.75°	0.0	0.5	1.0	1.8	2.5	3.3	4.0	4.7	5.4	6.0	6.5
-20°	0.0	0.5	1.0	1.8	2.5	3.2	3.9	4.6	5.3	5.9	6.5
-21.25°	0.0	0.5	1.0	1.7	2.5	3.2	3.9	4.6	5.3	5.9	6.4



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.5	1.0	1.7	2.5	3.2	3.9	4.5	5.2	5.9	6.4
-23.75°	0.0	0.5	1.0	1.7	2.4	3.1	3.8	4.5	5.2	5.8	6.3
-25°	0.0	0.5	1.0	1.7	2.4	3.1	3.8	4.5	5.1	5.8	6.3
-26.25°	0.0	0.5	1.0	1.7	2.4	3.1	3.7	4.4	5.1	5.7	6.2
-27.5°	0.0	0.5	1.0	1.6	2.3	3.0	3.7	4.4	5.0	5.7	6.2
-28.75°	0.0	0.5	1.0	1.6	2.3	3.0	3.6	4.3	5.0	5.6	6.1
-30°	0.0	0.5	1.0	1.6	2.3	2.9	3.6	4.2	4.9	5.5	6.1
-31.25°	0.0	0.5	0.9	1.6	2.2	2.9	3.5	4.2	4.8	5.5	6.0
-32.5°	0.0	0.5	0.9	1.5	2.2	2.9	3.5	4.1	4.8	5.4	5.9
-33.75°	0.0	0.5	0.9	1.5	2.2	2.8	3.4	4.1	4.7	5.3	5.9
-35°	0.0	0.5	0.9	1.5	2.1	2.8	3.4	4.0	4.6	5.2	5.8
-36.25°	0.0	0.4	0.9	1.4	2.1	2.7	3.3	3.9	4.5	5.1	5.7
-37.5°	0.0	0.4	0.9	1.4	2.0	2.7	3.3	3.9	4.5	5.0	5.6
-38.75°	0.0	0.4	0.9	1.4	2.0	2.6	3.2	3.8	4.4	5.0	5.5
-40°	0.0	0.4	0.8	1.3	2.0	2.6	3.1	3.7	4.3	4.9	5.4
-41.25°	0.0	0.4	0.8	1.3	1.9	2.5	3.1	3.6	4.2	4.8	5.3
-42.5°	0.0	0.4	0.8	1.3	1.9	2.4	3.0	3.6	4.1	4.7	5.2
-43.75°	0.0	0.4	0.8	1.2	1.8	2.4	2.9	3.5	4.0	4.6	5.1
-45°	0.0	0.4	0.8	1.2	1.8	2.3	2.9	3.4	3.9	4.5	5.0
-46.25°	0.0	0.4	0.8	1.2	1.7	2.3	2.8	3.3	3.8	4.4	4.9
-47.5°	0.0	0.4	0.7	1.1	1.7	2.2	2.7	3.2	3.7	4.2	4.7
-48.75°	0.0	0.4	0.7	1.1	1.6	2.1	2.7	3.2	3.6	4.1	4.6
-50°	0.0	0.4	0.7	1.1	1.6	2.1	2.6	3.1	3.5	4.0	4.5
-51.25°	0.0	0.3	0.7	1.0	1.5	2.0	2.5	3.0	3.4	3.9	4.4
-52.5°	0.0	0.3	0.7	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2
-53.75°	0.0	0.3	0.7	1.0	1.4	1.9	2.3	2.8	3.2	3.7	4.1
-55°	0.0	0.3	0.6	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0
-56.25°	0.0	0.3	0.6	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8
-57.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.1	2.5	2.9	3.3	3.7
-58.75°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.4	2.8	3.2	3.6
-60°	0.0	0.3	0.5	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.4
-61.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.8	2.2	2.6	2.9	3.3
-62.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.7	2.1	2.4	2.8	3.1
-63.75°	0.0	0.2	0.5	0.7	1.0	1.3	1.6	2.0	2.3	2.7	3.0
-65°	0.0	0.2	0.5	0.7	0.9	1.2	1.5	1.9	2.2	2.5	2.8
-66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.4	1.7	2.1	2.4	2.7
-67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.3	1.6	1.9	2.2	2.5
-68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.8	2.1	2.4
-70°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.4	1.7	1.9	2.2
-71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.1
-72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.7	1.9
-73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.7
-75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.2	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	1.2	1.3	1.4	1.5	1.6
81.25°	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0
80°	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.3
78.75°	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.4	2.5	2.7
77.5°	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0
76.25°	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3
75°	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6
73.75°	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0
72.5°	2.1	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3
71.25°	2.3	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.2	4.4	4.6
70°	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9
68.75°	2.7	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.2
67.5°	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.8	5.0	5.3	5.5
66.25°	3.0	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.6	5.8
65°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.8	6.0
63.75°	3.3	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.3
62.5°	3.5	3.8	4.2	4.5	4.8	5.2	5.5	5.8	6.0	6.3	6.5
61.25°	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.2	6.5	6.7
60°	3.8	4.2	4.5	4.9	5.2	5.6	5.9	6.2	6.4	6.7	6.9
58.75°	3.9	4.3	4.7	5.1	5.5	5.8	6.1	6.3	6.6	6.9	7.0
57.5°	4.1	4.5	4.9	5.3	5.7	6.0	6.2	6.5	6.8	7.0	7.2
56.25°	4.3	4.7	5.1	5.5	5.8	6.1	6.4	6.7	6.9	7.1	7.4
55°	4.4	4.8	5.2	5.7	6.0	6.3	6.6	6.9	7.1	7.3	7.5
53.75°	4.5	5.0	5.4	5.8	6.1	6.4	6.7	7.0	7.2	7.4	7.7
52.5°	4.7	5.1	5.6	5.9	6.3	6.6	6.9	7.1	7.3	7.6	8.0
51.25°	4.8	5.3	5.7	6.1	6.4	6.7	7.0	7.2	7.5	7.8	8.2
50°	5.0	5.4	5.9	6.2	6.5	6.9	7.1	7.4	7.6	8.1	8.5
48.75°	5.1	5.6	6.0	6.3	6.7	7.0	7.2	7.5	7.8	8.3	8.8
47.5°	5.2	5.7	6.1	6.5	6.8	7.1	7.3	7.6	8.1	8.6	9.0
46.25°	5.4	5.8	6.2	6.6	6.9	7.2	7.4	7.8	8.3	8.8	9.3
45°	5.5	5.9	6.3	6.7	7.0	7.3	7.6	8.0	8.5	9.0	9.7
43.75°	5.6	6.0	6.4	6.8	7.1	7.4	7.7	8.2	8.7	9.3	10.0
42.5°	5.7	6.1	6.5	6.9	7.2	7.5	7.9	8.4	9.0	9.6	10.3
41.25°	5.8	6.2	6.6	7.0	7.3	7.6	8.1	8.6	9.2	9.9	10.6
40°	5.9	6.3	6.7	7.1	7.4	7.7	8.3	8.8	9.5	10.2	10.9
38.75°	6.0	6.4	6.8	7.1	7.4	7.9	8.5	9.0	9.7	10.4	11.2
37.5°	6.1	6.5	6.9	7.2	7.5	8.0	8.6	9.2	10.0	10.7	11.5
36.25°	6.2	6.6	7.0	7.3	7.6	8.2	8.8	9.5	10.2	10.9	11.8
35°	6.2	6.7	7.0	7.4	7.8	8.4	9.0	9.7	10.4	11.2	12.1



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	6.3	6.8	7.1	7.4	7.9	8.5	9.1	9.9	10.7	11.5	12.5
32.5°	6.4	6.8	7.2	7.5	8.0	8.7	9.3	10.1	10.9	11.8	12.7
31.25°	6.5	6.9	7.2	7.6	8.2	8.8	9.5	10.3	11.1	12.1	13.0
30°	6.5	6.9	7.3	7.7	8.3	8.9	9.7	10.5	11.4	12.4	13.3
28.75°	6.6	7.0	7.3	7.8	8.4	9.1	9.9	10.7	11.6	12.6	13.6
27.5°	6.7	7.0	7.4	7.9	8.5	9.2	10.1	10.9	11.9	12.9	13.9
26.25°	6.7	7.1	7.5	8.0	8.7	9.4	10.2	11.1	12.1	13.1	14.2
25°	6.8	7.1	7.5	8.1	8.8	9.5	10.4	11.3	12.3	13.3	14.5
23.75°	6.8	7.2	7.5	8.2	8.9	9.7	10.5	11.5	12.5	13.6	14.7
22.5°	6.9	7.2	7.6	8.3	9.0	9.8	10.7	11.6	12.7	13.8	15.0
21.25°	6.9	7.3	7.7	8.4	9.1	9.9	10.8	11.8	12.9	14.0	15.2
20°	6.9	7.3	7.7	8.4	9.2	10.0	10.9	12.0	13.1	14.2	15.4
18.75°	7.0	7.3	7.8	8.5	9.3	10.2	11.1	12.1	13.2	14.4	15.7
17.5°	7.0	7.4	7.9	8.6	9.4	10.3	11.2	12.3	13.4	14.6	15.8
16.25°	7.0	7.4	8.0	8.7	9.5	10.4	11.3	12.4	13.6	14.8	16.0
15°	7.0	7.4	8.0	8.7	9.5	10.5	11.5	12.6	13.7	15.0	16.2
13.75°	7.1	7.5	8.1	8.8	9.6	10.5	11.6	12.7	13.9	15.1	16.4
12.5°	7.1	7.5	8.1	8.8	9.7	10.6	11.7	12.8	14.0	15.2	16.5
11.25°	7.1	7.5	8.2	8.9	9.8	10.7	11.8	12.9	14.1	15.4	16.7
10°	7.1	7.5	8.2	8.9	9.8	10.8	11.8	13.0	14.2	15.5	16.8
8.75°	7.1	7.5	8.2	9.0	9.9	10.8	11.9	13.0	14.3	15.6	16.9
7.5°	7.2	7.6	8.3	9.0	9.9	10.9	12.0	13.1	14.4	15.7	17.0
6.25°	7.2	7.6	8.3	9.0	10.0	10.9	12.0	13.2	14.4	15.7	17.1
5°	7.2	7.6	8.3	9.1	10.0	10.9	12.1	13.2	14.5	15.8	17.1
3.75°	7.2	7.6	8.3	9.1	10.0	11.0	12.1	13.3	14.5	15.8	17.2
2.5°	7.2	7.6	8.3	9.1	10.0	11.0	12.1	13.3	14.6	15.9	17.2
1.25°	7.2	7.6	8.3	9.1	10.0	11.0	12.1	13.3	14.6	15.9	17.2
0°	7.2	7.6	8.4	9.1	10.1	11.0	12.2	13.3	14.6	15.9	17.3
-1.25°	7.2	7.6	8.3	9.1	10.0	11.0	12.1	13.3	14.6	15.9	17.2
-2.5°	7.2	7.6	8.3	9.1	10.0	11.0	12.1	13.3	14.6	15.9	17.2
-3.75°	7.2	7.6	8.3	9.1	10.0	11.0	12.1	13.3	14.5	15.8	17.2
-5°	7.2	7.6	8.3	9.1	10.0	10.9	12.1	13.2	14.5	15.8	17.1
-6.25°	7.2	7.6	8.3	9.0	10.0	10.9	12.0	13.2	14.4	15.7	17.1
-7.5°	7.2	7.6	8.3	9.0	9.9	10.9	12.0	13.1	14.4	15.7	17.0
-8.75°	7.1	7.5	8.2	9.0	9.9	10.8	11.9	13.0	14.3	15.6	16.9
-10°	7.1	7.5	8.2	8.9	9.8	10.8	11.8	13.0	14.2	15.5	16.8
-11.25°	7.1	7.5	8.2	8.9	9.8	10.7	11.8	12.9	14.1	15.4	16.7
-12.5°	7.1	7.5	8.1	8.8	9.7	10.6	11.7	12.8	14.0	15.2	16.5
-13.75°	7.1	7.5	8.1	8.8	9.6	10.5	11.6	12.7	13.9	15.1	16.4
-15°	7.0	7.4	8.0	8.7	9.5	10.5	11.5	12.6	13.7	15.0	16.2
-16.25°	7.0	7.4	8.0	8.7	9.5	10.4	11.3	12.4	13.6	14.8	16.0
-17.5°	7.0	7.4	7.9	8.6	9.4	10.3	11.2	12.3	13.4	14.6	15.8
-18.75°	7.0	7.3	7.8	8.5	9.3	10.2	11.1	12.1	13.2	14.4	15.7
-20°	6.9	7.3	7.7	8.4	9.2	10.0	10.9	12.0	13.1	14.2	15.4
-21.25°	6.9	7.3	7.7	8.4	9.1	9.9	10.8	11.8	12.9	14.0	15.2



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	6.9	7.2	7.6	8.3	9.0	9.8	10.7	11.6	12.7	13.8	15.0
-23.75°	6.8	7.2	7.5	8.2	8.9	9.7	10.5	11.5	12.5	13.6	14.7
-25°	6.8	7.1	7.5	8.1	8.8	9.5	10.4	11.3	12.3	13.3	14.5
-26.25°	6.7	7.1	7.5	8.0	8.7	9.4	10.2	11.1	12.1	13.1	14.2
-27.5°	6.7	7.0	7.4	7.9	8.5	9.2	10.1	10.9	11.9	12.9	13.9
-28.75°	6.6	7.0	7.3	7.8	8.4	9.1	9.9	10.7	11.6	12.6	13.6
-30°	6.5	6.9	7.3	7.7	8.3	8.9	9.7	10.5	11.4	12.4	13.3
-31.25°	6.5	6.9	7.2	7.6	8.2	8.8	9.5	10.3	11.1	12.1	13.0
-32.5°	6.4	6.8	7.2	7.5	8.0	8.7	9.3	10.1	10.9	11.8	12.7
-33.75°	6.3	6.8	7.1	7.4	7.9	8.5	9.1	9.9	10.7	11.5	12.5
-35°	6.2	6.7	7.0	7.4	7.8	8.4	9.0	9.7	10.4	11.2	12.1
-36.25°	6.2	6.6	7.0	7.3	7.6	8.2	8.8	9.5	10.2	10.9	11.8
-37.5°	6.1	6.5	6.9	7.2	7.5	8.0	8.6	9.2	10.0	10.7	11.5
-38.75°	6.0	6.4	6.8	7.1	7.4	7.9	8.5	9.0	9.7	10.4	11.2
-40°	5.9	6.3	6.7	7.1	7.4	7.7	8.3	8.8	9.5	10.2	10.9
-41.25°	5.8	6.2	6.6	7.0	7.3	7.6	8.1	8.6	9.2	9.9	10.6
-42.5°	5.7	6.1	6.5	6.9	7.2	7.5	7.9	8.4	9.0	9.6	10.3
-43.75°	5.6	6.0	6.4	6.8	7.1	7.4	7.7	8.2	8.7	9.3	10.0
-45°	5.5	5.9	6.3	6.7	7.0	7.3	7.6	8.0	8.5	9.0	9.7
-46.25°	5.4	5.8	6.2	6.6	6.9	7.2	7.4	7.8	8.3	8.8	9.3
-47.5°	5.2	5.7	6.1	6.5	6.8	7.1	7.3	7.6	8.1	8.6	9.0
-48.75°	5.1	5.6	6.0	6.3	6.7	7.0	7.2	7.5	7.8	8.3	8.8
-50°	5.0	5.4	5.9	6.2	6.5	6.9	7.1	7.4	7.6	8.1	8.5
-51.25°	4.8	5.3	5.7	6.1	6.4	6.7	7.0	7.2	7.5	7.8	8.2
-52.5°	4.7	5.1	5.6	5.9	6.3	6.6	6.9	7.1	7.3	7.6	8.0
-53.75°	4.5	5.0	5.4	5.8	6.1	6.4	6.7	7.0	7.2	7.4	7.7
-55°	4.4	4.8	5.2	5.7	6.0	6.3	6.6	6.9	7.1	7.3	7.5
-56.25°	4.3	4.7	5.1	5.5	5.8	6.1	6.4	6.7	6.9	7.1	7.4
-57.5°	4.1	4.5	4.9	5.3	5.7	6.0	6.2	6.5	6.8	7.0	7.2
-58.75°	3.9	4.3	4.7	5.1	5.5	5.8	6.1	6.3	6.6	6.9	7.0
-60°	3.8	4.2	4.5	4.9	5.2	5.6	5.9	6.2	6.4	6.7	6.9
-61.25°	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.2	6.5	6.7
-62.5°	3.5	3.8	4.2	4.5	4.8	5.2	5.5	5.8	6.0	6.3	6.5
-63.75°	3.3	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.0	6.3
-65°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.8	6.0
-66.25°	3.0	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.6	5.8
-67.5°	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.8	5.0	5.3	5.5
-68.75°	2.7	2.9	3.2	3.5	3.7	4.0	4.2	4.5	4.7	5.0	5.2
-70°	2.5	2.7	3.0	3.2	3.5	3.7	4.0	4.2	4.5	4.7	4.9
-71.25°	2.3	2.6	2.8	3.0	3.3	3.5	3.7	3.9	4.2	4.4	4.6
-72.5°	2.1	2.4	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.3
-73.75°	1.9	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0
-75°	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6
-76.25°	1.6	1.8	1.9	2.1	2.3	2.5	2.7	2.8	3.0	3.2	3.3
-77.5°	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8	3.0



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.4	2.5	2.7
-80°	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1	2.2	2.3
-81.25°	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.0
-82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.6
-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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	1.3	1.4	1.4	1.5	1.6
83.75°	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1
82.5°	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6
81.25°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
80°	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
78.75°	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
77.5°	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.4	4.5
76.25°	3.5	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.7	4.8	5.0
75°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.4
73.75°	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.7	5.9
72.5°	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	5.9	6.1	6.2
71.25°	4.8	5.0	5.2	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.5
70°	5.2	5.4	5.6	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.9
68.75°	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.7	6.9	7.0	7.1
67.5°	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.0	7.1	7.2	7.4
66.25°	6.0	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6
65°	6.3	6.5	6.7	6.9	7.0	7.1	7.3	7.4	7.6	7.8	8.1
63.75°	6.5	6.7	6.9	7.0	7.2	7.4	7.5	7.7	8.0	8.2	8.5
62.5°	6.7	6.9	7.1	7.2	7.4	7.6	7.8	8.1	8.4	8.7	9.0
61.25°	6.9	7.1	7.3	7.4	7.6	7.9	8.2	8.5	8.8	9.1	9.5
60°	7.1	7.3	7.4	7.6	8.0	8.3	8.6	8.9	9.3	9.7	10.0
58.75°	7.2	7.4	7.6	8.0	8.3	8.7	9.0	9.4	9.8	10.2	10.6
57.5°	7.4	7.6	8.0	8.3	8.7	9.0	9.4	9.9	10.3	10.7	11.2
56.25°	7.6	7.9	8.3	8.7	9.0	9.5	9.9	10.4	10.8	11.3	11.8
55°	7.8	8.2	8.6	9.0	9.4	9.9	10.4	10.9	11.4	12.0	12.5
53.75°	8.1	8.5	8.9	9.4	9.9	10.4	10.9	11.4	12.0	12.6	13.2
52.5°	8.4	8.8	9.3	9.8	10.3	10.8	11.4	12.0	12.6	13.2	13.9
51.25°	8.7	9.1	9.7	10.2	10.7	11.3	12.0	12.6	13.2	13.9	14.6
50°	9.0	9.5	10.0	10.6	11.2	11.8	12.5	13.2	13.9	14.6	15.3
48.75°	9.3	9.9	10.4	11.0	11.7	12.4	13.0	13.8	14.5	15.2	16.0
47.5°	9.6	10.2	10.8	11.5	12.2	12.9	13.6	14.4	15.2	15.9	16.7
46.25°	10.0	10.6	11.2	11.9	12.7	13.4	14.2	15.0	15.8	16.6	17.4
45°	10.3	10.9	11.6	12.4	13.1	14.0	14.8	15.6	16.4	17.3	18.1
43.75°	10.6	11.3	12.1	12.8	13.7	14.5	15.4	16.2	17.1	17.9	18.7
42.5°	10.9	11.7	12.5	13.3	14.2	15.0	15.9	16.8	17.7	18.6	19.2
41.25°	11.3	12.1	12.9	13.8	14.7	15.6	16.5	17.4	18.3	19.0	19.7
40°	11.7	12.5	13.3	14.3	15.2	16.1	17.0	18.0	18.8	19.5	20.1
38.75°	12.0	12.9	13.8	14.7	15.7	16.6	17.6	18.6	19.2	19.9	20.6
37.5°	12.4	13.2	14.2	15.2	16.1	17.1	18.1	19.0	19.6	20.3	21.0
36.25°	12.7	13.6	14.6	15.6	16.6	17.6	18.6	19.3	20.0	20.7	21.4
35°	13.0	14.0	15.0	16.1	17.1	18.1	19.0	19.7	20.4	21.1	21.8



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	13.4	14.4	15.4	16.5	17.6	18.6	19.3	20.1	20.8	21.5	22.3
32.5°	13.7	14.8	15.8	16.9	18.0	18.9	19.7	20.4	21.2	21.9	22.6
31.25°	14.1	15.2	16.2	17.3	18.4	19.3	20.0	20.8	21.5	22.3	22.9
30°	14.4	15.5	16.6	17.7	18.8	19.6	20.3	21.1	21.9	22.6	23.2
28.75°	14.7	15.8	17.0	18.1	19.1	19.9	20.6	21.4	22.2	22.9	23.5
27.5°	15.0	16.2	17.3	18.5	19.3	20.1	20.9	21.7	22.5	23.1	23.8
26.25°	15.3	16.5	17.7	18.8	19.6	20.4	21.2	22.0	22.8	23.4	24.0
25°	15.6	16.8	18.0	19.0	19.8	20.7	21.5	22.3	23.0	23.6	24.2
23.75°	15.9	17.1	18.3	19.2	20.1	20.9	21.8	22.6	23.2	23.9	24.4
22.5°	16.2	17.4	18.6	19.5	20.3	21.2	22.0	22.8	23.4	24.0	24.5
21.25°	16.4	17.7	18.8	19.7	20.5	21.4	22.3	23.0	23.6	24.2	24.7
20°	16.7	17.9	19.0	19.9	20.7	21.6	22.5	23.2	23.8	24.4	24.8
18.75°	16.9	18.2	19.2	20.1	20.9	21.8	22.6	23.3	24.0	24.5	25.0
17.5°	17.1	18.4	19.3	20.2	21.1	22.0	22.8	23.5	24.1	24.6	25.1
16.25°	17.3	18.6	19.5	20.4	21.3	22.2	22.9	23.7	24.2	24.8	25.3
15°	17.5	18.7	19.6	20.6	21.5	22.4	23.1	23.8	24.3	24.9	25.4
13.75°	17.7	18.9	19.8	20.7	21.6	22.5	23.2	23.9	24.5	25.0	25.5
12.5°	17.8	19.0	19.9	20.8	21.7	22.6	23.3	24.0	24.5	25.1	25.7
11.25°	18.0	19.1	20.0	20.9	21.9	22.7	23.4	24.1	24.6	25.2	25.8
10°	18.1	19.2	20.1	21.0	22.0	22.8	23.5	24.2	24.7	25.3	25.9
8.75°	18.2	19.3	20.2	21.1	22.1	22.9	23.6	24.2	24.8	25.3	25.9
7.5°	18.3	19.3	20.3	21.2	22.2	23.0	23.7	24.3	24.8	25.4	26.0
6.25°	18.4	19.4	20.4	21.3	22.2	23.0	23.8	24.3	24.9	25.5	26.1
5°	18.5	19.5	20.4	21.3	22.3	23.1	23.8	24.4	24.9	25.5	26.1
3.75°	18.5	19.5	20.4	21.4	22.3	23.1	23.8	24.4	25.0	25.6	26.2
2.5°	18.6	19.5	20.5	21.4	22.4	23.1	23.9	24.4	25.0	25.6	26.2
1.25°	18.6	19.5	20.5	21.4	22.4	23.1	23.9	24.4	25.0	25.6	26.2
0°	18.6	19.6	20.5	21.5	22.4	23.2	23.9	24.5	25.0	25.6	26.2
-1.25°	18.6	19.5	20.5	21.4	22.4	23.1	23.9	24.4	25.0	25.6	26.2
-2.5°	18.6	19.5	20.5	21.4	22.4	23.1	23.9	24.4	25.0	25.6	26.2
-3.75°	18.5	19.5	20.4	21.4	22.3	23.1	23.8	24.4	25.0	25.6	26.2
-5°	18.5	19.5	20.4	21.3	22.3	23.1	23.8	24.4	24.9	25.5	26.1
-6.25°	18.4	19.4	20.4	21.3	22.2	23.0	23.8	24.3	24.9	25.5	26.1
-7.5°	18.3	19.3	20.3	21.2	22.2	23.0	23.7	24.3	24.8	25.4	26.0
-8.75°	18.2	19.3	20.2	21.1	22.1	22.9	23.6	24.2	24.8	25.3	25.9
-10°	18.1	19.2	20.1	21.0	22.0	22.8	23.5	24.2	24.7	25.3	25.9
-11.25°	18.0	19.1	20.0	20.9	21.9	22.7	23.4	24.1	24.6	25.2	25.8
-12.5°	17.8	19.0	19.9	20.8	21.7	22.6	23.3	24.0	24.5	25.1	25.7
-13.75°	17.7	18.9	19.8	20.7	21.6	22.5	23.2	23.9	24.5	25.0	25.5
-15°	17.5	18.7	19.6	20.6	21.5	22.4	23.1	23.8	24.3	24.9	25.4
-16.25°	17.3	18.6	19.5	20.4	21.3	22.2	22.9	23.7	24.2	24.8	25.3
-17.5°	17.1	18.4	19.3	20.2	21.1	22.0	22.8	23.5	24.1	24.6	25.1
-18.75°	16.9	18.2	19.2	20.1	20.9	21.8	22.6	23.3	24.0	24.5	25.0
-20°	16.7	17.9	19.0	19.9	20.7	21.6	22.5	23.2	23.8	24.4	24.8
-21.25°	16.4	17.7	18.8	19.7	20.5	21.4	22.3	23.0	23.6	24.2	24.7



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	16.2	17.4	18.6	19.5	20.3	21.2	22.0	22.8	23.4	24.0	24.5
-23.75°	15.9	17.1	18.3	19.2	20.1	20.9	21.8	22.6	23.2	23.9	24.4
-25°	15.6	16.8	18.0	19.0	19.8	20.7	21.5	22.3	23.0	23.6	24.2
-26.25°	15.3	16.5	17.7	18.8	19.6	20.4	21.2	22.0	22.8	23.4	24.0
-27.5°	15.0	16.2	17.3	18.5	19.3	20.1	20.9	21.7	22.5	23.1	23.8
-28.75°	14.7	15.8	17.0	18.1	19.1	19.9	20.6	21.4	22.2	22.9	23.5
-30°	14.4	15.5	16.6	17.7	18.8	19.6	20.3	21.1	21.9	22.6	23.2
-31.25°	14.1	15.2	16.2	17.3	18.4	19.3	20.0	20.8	21.5	22.3	22.9
-32.5°	13.7	14.8	15.8	16.9	18.0	18.9	19.7	20.4	21.2	21.9	22.6
-33.75°	13.4	14.4	15.4	16.5	17.6	18.6	19.3	20.1	20.8	21.5	22.3
-35°	13.0	14.0	15.0	16.1	17.1	18.1	19.0	19.7	20.4	21.1	21.8
-36.25°	12.7	13.6	14.6	15.6	16.6	17.6	18.6	19.3	20.0	20.7	21.4
-37.5°	12.4	13.2	14.2	15.2	16.1	17.1	18.1	19.0	19.6	20.3	21.0
-38.75°	12.0	12.9	13.8	14.7	15.7	16.6	17.6	18.6	19.2	19.9	20.6
-40°	11.7	12.5	13.3	14.3	15.2	16.1	17.0	18.0	18.8	19.5	20.1
-41.25°	11.3	12.1	12.9	13.8	14.7	15.6	16.5	17.4	18.3	19.0	19.7
-42.5°	10.9	11.7	12.5	13.3	14.2	15.0	15.9	16.8	17.7	18.6	19.2
-43.75°	10.6	11.3	12.1	12.8	13.7	14.5	15.4	16.2	17.1	17.9	18.7
-45°	10.3	10.9	11.6	12.4	13.1	14.0	14.8	15.6	16.4	17.3	18.1
-46.25°	10.0	10.6	11.2	11.9	12.7	13.4	14.2	15.0	15.8	16.6	17.4
-47.5°	9.6	10.2	10.8	11.5	12.2	12.9	13.6	14.4	15.2	15.9	16.7
-48.75°	9.3	9.9	10.4	11.0	11.7	12.4	13.0	13.8	14.5	15.2	16.0
-50°	9.0	9.5	10.0	10.6	11.2	11.8	12.5	13.2	13.9	14.6	15.3
-51.25°	8.7	9.1	9.7	10.2	10.7	11.3	12.0	12.6	13.2	13.9	14.6
-52.5°	8.4	8.8	9.3	9.8	10.3	10.8	11.4	12.0	12.6	13.2	13.9
-53.75°	8.1	8.5	8.9	9.4	9.9	10.4	10.9	11.4	12.0	12.6	13.2
-55°	7.8	8.2	8.6	9.0	9.4	9.9	10.4	10.9	11.4	12.0	12.5
-56.25°	7.6	7.9	8.3	8.7	9.0	9.5	9.9	10.4	10.8	11.3	11.8
-57.5°	7.4	7.6	8.0	8.3	8.7	9.0	9.4	9.9	10.3	10.7	11.2
-58.75°	7.2	7.4	7.6	8.0	8.3	8.7	9.0	9.4	9.8	10.2	10.6
-60°	7.1	7.3	7.4	7.6	8.0	8.3	8.6	8.9	9.3	9.7	10.0
-61.25°	6.9	7.1	7.3	7.4	7.6	7.9	8.2	8.5	8.8	9.1	9.5
-62.5°	6.7	6.9	7.1	7.2	7.4	7.6	7.8	8.1	8.4	8.7	9.0
-63.75°	6.5	6.7	6.9	7.0	7.2	7.4	7.5	7.7	8.0	8.2	8.5
-65°	6.3	6.5	6.7	6.9	7.0	7.1	7.3	7.4	7.6	7.8	8.1
-66.25°	6.0	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6
-67.5°	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.0	7.1	7.2	7.4
-68.75°	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.7	6.9	7.0	7.1
-70°	5.2	5.4	5.6	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.9
-71.25°	4.8	5.0	5.2	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.5
-72.5°	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	5.9	6.1	6.2
-73.75°	4.2	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.7	5.9
-75°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.4
-76.25°	3.5	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.7	4.8	5.0
-77.5°	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.4	4.5



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	2.8	2.9	3.1	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
-80°	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
-81.25°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
-82.5°	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6
-83.75°	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1
-85°	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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	1.2	1.3	1.3	1.3	1.4	1.4	1.4
85°	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
83.75°	2.1	2.2	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7
82.5°	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3
81.25°	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9
80°	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5
78.75°	4.1	4.2	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1
77.5°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7
76.25°	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2
75°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
73.75°	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
72.5°	6.3	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3
71.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6
70°	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.9	8.0	8.2
68.75°	7.2	7.3	7.4	7.6	7.7	7.9	8.1	8.3	8.5	8.6	8.8
67.5°	7.5	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.5
66.25°	7.8	8.1	8.3	8.5	8.7	9.0	9.2	9.5	9.7	10.0	10.2
65°	8.3	8.6	8.8	9.0	9.3	9.6	9.9	10.2	10.4	10.7	10.9
63.75°	8.8	9.0	9.3	9.7	10.0	10.3	10.6	10.9	11.2	11.5	11.8
62.5°	9.3	9.6	10.0	10.3	10.6	10.9	11.3	11.7	12.0	12.4	12.7
61.25°	9.9	10.2	10.6	10.9	11.3	11.7	12.1	12.5	12.9	13.2	13.6
60°	10.4	10.8	11.2	11.6	12.1	12.5	12.9	13.3	13.8	14.2	14.6
58.75°	11.0	11.5	11.9	12.4	12.8	13.3	13.8	14.3	14.7	15.2	15.6
57.5°	11.7	12.2	12.7	13.1	13.7	14.2	14.7	15.2	15.7	16.1	16.6
56.25°	12.4	12.9	13.4	14.0	14.5	15.0	15.6	16.1	16.6	17.1	17.6
55°	13.0	13.6	14.2	14.8	15.4	15.9	16.5	17.0	17.6	18.1	18.6
53.75°	13.8	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.6	19.0	19.3
52.5°	14.5	15.2	15.8	16.4	17.1	17.7	18.3	18.8	19.2	19.6	20.0
51.25°	15.2	15.9	16.6	17.3	17.9	18.6	19.0	19.5	19.9	20.3	20.7
50°	16.0	16.7	17.4	18.1	18.7	19.2	19.7	20.1	20.6	21.0	21.4
48.75°	16.7	17.5	18.2	18.8	19.3	19.8	20.3	20.8	21.2	21.7	22.1
47.5°	17.5	18.2	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.3	22.7
46.25°	18.2	18.9	19.4	19.9	20.5	21.0	21.5	22.0	22.5	22.9	23.2
45°	18.8	19.4	19.9	20.5	21.0	21.6	22.1	22.6	23.0	23.4	23.8
43.75°	19.3	19.9	20.5	21.0	21.6	22.2	22.6	23.1	23.5	23.9	24.2
42.5°	19.8	20.4	21.0	21.6	22.2	22.7	23.1	23.5	23.9	24.3	24.6
41.25°	20.3	20.9	21.5	22.1	22.6	23.1	23.6	24.0	24.3	24.6	24.9
40°	20.8	21.4	22.0	22.6	23.1	23.5	24.0	24.3	24.6	25.0	25.3
38.75°	21.2	21.9	22.5	23.0	23.5	23.9	24.3	24.6	25.0	25.3	25.7
37.5°	21.7	22.3	22.9	23.4	23.9	24.3	24.6	25.0	25.3	25.7	26.1
36.25°	22.1	22.7	23.2	23.8	24.2	24.6	24.9	25.3	25.7	26.1	26.4
35°	22.5	23.1	23.6	24.1	24.5	24.8	25.2	25.7	26.1	26.3	26.6



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	22.8	23.4	23.9	24.3	24.7	25.1	25.6	26.0	26.3	26.6	26.8
32.5°	23.2	23.7	24.2	24.6	25.0	25.5	25.9	26.3	26.5	26.8	27.0
31.25°	23.5	24.0	24.4	24.9	25.3	25.8	26.2	26.5	26.7	26.9	27.1
30°	23.8	24.3	24.7	25.1	25.6	26.0	26.4	26.6	26.9	27.0	27.2
28.75°	24.0	24.5	24.9	25.4	25.9	26.3	26.5	26.8	27.0	27.2	27.3
27.5°	24.2	24.7	25.2	25.6	26.1	26.4	26.7	26.9	27.1	27.3	27.5
26.25°	24.5	24.9	25.4	25.9	26.3	26.6	26.9	27.0	27.2	27.4	27.7
25°	24.6	25.1	25.6	26.1	26.5	26.7	27.0	27.1	27.3	27.6	27.9
23.75°	24.8	25.3	25.8	26.3	26.6	26.9	27.1	27.2	27.5	27.8	28.1
22.5°	25.0	25.5	26.1	26.4	26.7	27.0	27.1	27.3	27.7	28.0	28.4
21.25°	25.2	25.7	26.2	26.5	26.8	27.0	27.2	27.5	27.8	28.2	28.6
20°	25.4	25.9	26.3	26.7	26.9	27.1	27.3	27.6	28.0	28.4	28.9
18.75°	25.5	26.1	26.5	26.8	27.0	27.2	27.4	27.8	28.1	28.6	29.1
17.5°	25.7	26.2	26.6	26.9	27.1	27.2	27.6	27.9	28.3	28.8	29.5
16.25°	25.9	26.3	26.6	26.9	27.1	27.3	27.7	28.1	28.5	29.0	30.0
15°	26.0	26.4	26.7	27.0	27.2	27.4	27.8	28.2	28.7	29.2	30.5
13.75°	26.1	26.5	26.8	27.0	27.2	27.5	27.9	28.4	28.9	29.6	30.9
12.5°	26.2	26.6	26.9	27.1	27.3	27.6	28.0	28.5	29.0	30.0	31.3
11.25°	26.3	26.6	26.9	27.1	27.3	27.7	28.1	28.6	29.2	30.4	31.7
10°	26.3	26.7	27.0	27.2	27.4	27.8	28.2	28.7	29.4	30.7	32.1
8.75°	26.4	26.7	27.0	27.2	27.5	27.9	28.3	28.9	29.7	31.0	32.9
7.5°	26.4	26.8	27.0	27.2	27.5	27.9	28.4	28.9	29.9	31.2	33.6
6.25°	26.5	26.8	27.0	27.2	27.6	28.0	28.5	29.0	30.1	31.4	34.2
5°	26.5	26.8	27.1	27.3	27.6	28.0	28.5	29.1	30.3	31.6	34.6
3.75°	26.5	26.9	27.1	27.3	27.7	28.1	28.6	29.1	30.4	31.7	35.0
2.5°	26.5	26.9	27.1	27.3	27.7	28.1	28.6	29.2	30.5	31.8	35.3
1.25°	26.5	26.9	27.1	27.3	27.7	28.1	28.6	29.2	30.5	31.9	35.4
0°	26.6	26.9	27.1	27.3	27.7	28.1	28.7	29.2	30.6	31.9	35.5
-1.25°	26.5	26.9	27.1	27.3	27.7	28.1	28.6	29.2	30.5	31.9	35.4
-2.5°	26.5	26.9	27.1	27.3	27.7	28.1	28.6	29.2	30.5	31.8	35.3
-3.75°	26.5	26.9	27.1	27.3	27.7	28.1	28.6	29.1	30.4	31.7	35.0
-5°	26.5	26.8	27.1	27.3	27.6	28.0	28.5	29.1	30.3	31.6	34.6
-6.25°	26.5	26.8	27.0	27.2	27.6	28.0	28.5	29.0	30.1	31.4	34.2
-7.5°	26.4	26.8	27.0	27.2	27.5	27.9	28.4	28.9	29.9	31.2	33.6
-8.75°	26.4	26.7	27.0	27.2	27.5	27.9	28.3	28.9	29.7	31.0	32.9
-10°	26.3	26.7	27.0	27.2	27.4	27.8	28.2	28.7	29.4	30.7	32.1
-11.25°	26.3	26.6	26.9	27.1	27.3	27.7	28.1	28.6	29.2	30.4	31.7
-12.5°	26.2	26.6	26.9	27.1	27.3	27.6	28.0	28.5	29.0	30.0	31.3
-13.75°	26.1	26.5	26.8	27.0	27.2	27.5	27.9	28.4	28.9	29.6	30.9
-15°	26.0	26.4	26.7	27.0	27.2	27.4	27.8	28.2	28.7	29.2	30.5
-16.25°	25.9	26.3	26.6	26.9	27.1	27.3	27.7	28.1	28.5	29.0	30.0
-17.5°	25.7	26.2	26.6	26.9	27.1	27.2	27.6	27.9	28.3	28.8	29.5
-18.75°	25.5	26.1	26.5	26.8	27.0	27.2	27.4	27.8	28.1	28.6	29.1
-20°	25.4	25.9	26.3	26.7	26.9	27.1	27.3	27.6	28.0	28.4	28.9
-21.25°	25.2	25.7	26.2	26.5	26.8	27.0	27.2	27.5	27.8	28.2	28.6



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	25.0	25.5	26.1	26.4	26.7	27.0	27.1	27.3	27.7	28.0	28.4
-23.75°	24.8	25.3	25.8	26.3	26.6	26.9	27.1	27.2	27.5	27.8	28.1
-25°	24.6	25.1	25.6	26.1	26.5	26.7	27.0	27.1	27.3	27.6	27.9
-26.25°	24.5	24.9	25.4	25.9	26.3	26.6	26.9	27.0	27.2	27.4	27.7
-27.5°	24.2	24.7	25.2	25.6	26.1	26.4	26.7	26.9	27.1	27.3	27.5
-28.75°	24.0	24.5	24.9	25.4	25.9	26.3	26.5	26.8	27.0	27.2	27.3
-30°	23.8	24.3	24.7	25.1	25.6	26.0	26.4	26.6	26.9	27.0	27.2
-31.25°	23.5	24.0	24.4	24.9	25.3	25.8	26.2	26.5	26.7	26.9	27.1
-32.5°	23.2	23.7	24.2	24.6	25.0	25.5	25.9	26.3	26.5	26.8	27.0
-33.75°	22.8	23.4	23.9	24.3	24.7	25.1	25.6	26.0	26.3	26.6	26.8
-35°	22.5	23.1	23.6	24.1	24.5	24.8	25.2	25.7	26.1	26.3	26.6
-36.25°	22.1	22.7	23.2	23.8	24.2	24.6	24.9	25.3	25.7	26.1	26.4
-37.5°	21.7	22.3	22.9	23.4	23.9	24.3	24.6	25.0	25.3	25.7	26.1
-38.75°	21.2	21.9	22.5	23.0	23.5	23.9	24.3	24.6	25.0	25.3	25.7
-40°	20.8	21.4	22.0	22.6	23.1	23.5	24.0	24.3	24.6	25.0	25.3
-41.25°	20.3	20.9	21.5	22.1	22.6	23.1	23.6	24.0	24.3	24.6	24.9
-42.5°	19.8	20.4	21.0	21.6	22.2	22.7	23.1	23.5	23.9	24.3	24.6
-43.75°	19.3	19.9	20.5	21.0	21.6	22.2	22.6	23.1	23.5	23.9	24.2
-45°	18.8	19.4	19.9	20.5	21.0	21.6	22.1	22.6	23.0	23.4	23.8
-46.25°	18.2	18.9	19.4	19.9	20.5	21.0	21.5	22.0	22.5	22.9	23.2
-47.5°	17.5	18.2	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.3	22.7
-48.75°	16.7	17.5	18.2	18.8	19.3	19.8	20.3	20.8	21.2	21.7	22.1
-50°	16.0	16.7	17.4	18.1	18.7	19.2	19.7	20.1	20.6	21.0	21.4
-51.25°	15.2	15.9	16.6	17.3	17.9	18.6	19.0	19.5	19.9	20.3	20.7
-52.5°	14.5	15.2	15.8	16.4	17.1	17.7	18.3	18.8	19.2	19.6	20.0
-53.75°	13.8	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.6	19.0	19.3
-55°	13.0	13.6	14.2	14.8	15.4	15.9	16.5	17.0	17.6	18.1	18.6
-56.25°	12.4	12.9	13.4	14.0	14.5	15.0	15.6	16.1	16.6	17.1	17.6
-57.5°	11.7	12.2	12.7	13.1	13.7	14.2	14.7	15.2	15.7	16.1	16.6
-58.75°	11.0	11.5	11.9	12.4	12.8	13.3	13.8	14.3	14.7	15.2	15.6
-60°	10.4	10.8	11.2	11.6	12.1	12.5	12.9	13.3	13.8	14.2	14.6
-61.25°	9.9	10.2	10.6	10.9	11.3	11.7	12.1	12.5	12.9	13.2	13.6
-62.5°	9.3	9.6	10.0	10.3	10.6	10.9	11.3	11.7	12.0	12.4	12.7
-63.75°	8.8	9.0	9.3	9.7	10.0	10.3	10.6	10.9	11.2	11.5	11.8
-65°	8.3	8.6	8.8	9.0	9.3	9.6	9.9	10.2	10.4	10.7	10.9
-66.25°	7.8	8.1	8.3	8.5	8.7	9.0	9.2	9.5	9.7	10.0	10.2
-67.5°	7.5	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.5
-68.75°	7.2	7.3	7.4	7.6	7.7	7.9	8.1	8.3	8.5	8.6	8.8
-70°	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.9	8.0	8.2
-71.25°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6
-72.5°	6.3	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3
-73.75°	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
-75°	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
-76.25°	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2
-77.5°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	4.1	4.2	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.1
-80°	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.5
-81.25°	3.2	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9
-82.5°	2.7	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.3
-83.75°	2.1	2.2	2.3	2.3	2.4	2.4	2.5	2.6	2.6	2.7	2.7
-85°	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
-86.25°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4
-87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
85°	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
83.75°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2
82.5°	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9
81.25°	4.0	4.1	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.5
80°	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2	5.2
78.75°	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.8	5.9
77.5°	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4
76.25°	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9
75°	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2
73.75°	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.5	7.5	7.5	7.6
72.5°	7.4	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3
71.25°	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.7	8.8	8.9	9.0
70°	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8
68.75°	9.0	9.1	9.3	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.7
67.5°	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.6
66.25°	10.4	10.7	10.9	11.1	11.4	11.6	11.9	12.1	12.3	12.5	12.7
65°	11.2	11.5	11.8	12.1	12.4	12.6	12.9	13.1	13.3	13.6	13.8
63.75°	12.1	12.5	12.7	13.0	13.3	13.6	13.9	14.2	14.5	14.7	15.0
62.5°	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.6	15.9	16.2
61.25°	14.0	14.4	14.8	15.2	15.5	15.8	16.2	16.5	16.8	17.1	17.4
60°	15.0	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.0	18.3	18.6
58.75°	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.8	19.0	19.2	19.5
57.5°	17.1	17.6	18.0	18.4	18.8	19.1	19.3	19.6	19.8	20.1	20.3
56.25°	18.1	18.6	18.9	19.3	19.6	19.9	20.1	20.4	20.7	20.9	21.2
55°	19.0	19.3	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.8	22.0
53.75°	19.7	20.1	20.4	20.8	21.1	21.4	21.7	22.0	22.3	22.6	22.8
52.5°	20.4	20.8	21.2	21.5	21.9	22.2	22.5	22.8	23.0	23.2	23.4
51.25°	21.1	21.5	21.9	22.3	22.6	22.9	23.1	23.4	23.6	23.9	24.0
50°	21.8	22.3	22.6	22.9	23.2	23.5	23.8	24.0	24.2	24.4	24.5
48.75°	22.5	22.8	23.2	23.5	23.8	24.0	24.2	24.5	24.6	24.8	25.0
47.5°	23.1	23.4	23.7	24.0	24.3	24.5	24.7	24.9	25.1	25.3	25.5
46.25°	23.6	23.9	24.2	24.4	24.7	24.9	25.2	25.4	25.6	25.8	26.1
45°	24.1	24.3	24.6	24.9	25.1	25.4	25.6	25.9	26.1	26.3	26.4
43.75°	24.5	24.7	25.0	25.3	25.6	25.9	26.1	26.3	26.5	26.6	26.7
42.5°	24.8	25.1	25.5	25.8	26.0	26.3	26.4	26.6	26.7	26.9	27.0
41.25°	25.2	25.6	25.9	26.2	26.4	26.5	26.7	26.9	27.0	27.1	27.1
40°	25.7	26.0	26.3	26.5	26.6	26.8	26.9	27.0	27.1	27.2	27.3
38.75°	26.1	26.3	26.5	26.7	26.9	27.0	27.1	27.2	27.3	27.5	27.7
37.5°	26.3	26.6	26.8	26.9	27.0	27.2	27.3	27.4	27.6	27.8	28.0
36.25°	26.6	26.8	27.0	27.1	27.2	27.3	27.5	27.7	27.9	28.1	28.4
35°	26.8	27.0	27.1	27.2	27.4	27.6	27.8	28.0	28.3	28.6	28.8



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	27.0	27.1	27.2	27.4	27.6	27.9	28.1	28.4	28.7	29.0	29.4
32.5°	27.1	27.2	27.4	27.7	27.9	28.2	28.5	28.8	29.1	29.8	30.5
31.25°	27.2	27.4	27.7	27.9	28.2	28.6	28.9	29.3	30.1	30.8	31.5
30°	27.4	27.6	27.9	28.2	28.6	28.9	29.4	30.2	31.0	31.8	33.7
28.75°	27.6	27.9	28.2	28.6	28.9	29.5	30.3	31.2	32.2	34.4	36.5
27.5°	27.8	28.1	28.5	28.9	29.4	30.3	31.2	32.5	34.8	37.0	39.3
26.25°	28.0	28.4	28.8	29.3	30.2	31.2	32.5	34.9	37.3	40.1	44.6
25°	28.3	28.7	29.1	30.1	31.0	32.2	34.8	37.3	40.4	45.2	49.8
23.75°	28.6	29.0	29.8	30.8	31.8	34.4	37.0	40.1	45.2	50.1	55.1
22.5°	28.8	29.4	30.5	31.5	33.7	36.5	39.3	44.6	49.8	55.1	61.0
21.25°	29.1	30.1	31.2	32.8	35.7	38.5	43.5	48.9	54.4	60.6	66.7
20°	29.6	30.7	31.8	34.6	37.6	41.8	47.5	53.1	59.6	65.9	72.8
18.75°	30.1	31.3	33.3	36.4	39.6	45.5	51.4	57.8	64.5	71.3	80.6
17.5°	30.7	31.9	34.9	38.0	43.0	49.1	55.4	62.3	69.2	78.1	96.3
16.25°	31.2	33.2	36.4	40.0	46.3	52.5	59.5	66.7	75.0	90.3	120.9
15°	31.7	34.6	37.8	42.9	49.3	56.0	63.4	70.8	82.0	106.7	151.7
13.75°	32.5	35.8	39.1	45.7	52.2	59.5	67.1	76.2	94.3	131.6	189.2
12.5°	33.6	37.0	41.6	48.2	55.0	62.8	70.5	82.5	110.2	160.7	229.5
11.25°	34.7	38.1	43.8	50.5	57.9	65.8	74.8	92.5	130.6	191.7	269.0
10°	35.6	39.0	45.8	52.6	60.5	68.5	78.8	102.4	152.7	224.2	310.2
8.75°	36.4	40.6	47.6	54.6	62.8	71.0	85.1	118.3	176.8	254.9	347.5
7.5°	37.1	42.1	49.1	56.6	64.8	74.0	92.0	132.2	198.0	283.7	383.7
6.25°	37.7	43.4	50.4	58.2	66.5	76.5	97.8	145.4	219.6	310.5	415.2
5°	38.2	44.4	51.5	59.6	67.9	78.6	104.3	159.6	237.8	332.7	441.4
3.75°	38.6	45.2	52.4	60.6	69.1	80.6	111.6	170.7	252.1	350.1	462.9
2.5°	38.9	45.8	53.0	61.4	69.9	83.2	116.9	178.8	262.4	363.8	478.5
1.25°	39.0	46.2	53.4	61.8	70.3	84.7	120.1	183.6	268.6	372.2	487.9
0°	39.1	46.3	53.5	62.0	70.5	85.2	121.2	185.2	270.7	375.1	491.1
-1.25°	39.0	46.2	53.4	61.8	70.3	84.7	120.1	183.6	268.6	372.2	487.9
-2.5°	38.9	45.8	53.0	61.4	69.9	83.2	116.9	178.8	262.4	363.8	478.5
-3.75°	38.6	45.2	52.4	60.6	69.1	80.6	111.6	170.7	252.1	350.1	462.9
-5°	38.2	44.4	51.5	59.6	67.9	78.6	104.3	159.6	237.8	332.7	441.4
-6.25°	37.7	43.4	50.4	58.2	66.5	76.5	97.8	145.4	219.6	310.5	415.2
-7.5°	37.1	42.1	49.1	56.6	64.8	74.0	92.0	132.2	198.0	283.7	383.7
-8.75°	36.4	40.6	47.6	54.6	62.8	71.0	85.1	118.3	176.8	254.9	347.5
-10°	35.6	39.0	45.8	52.6	60.5	68.5	78.8	102.4	152.7	224.2	310.2
-11.25°	34.7	38.1	43.8	50.5	57.9	65.8	74.8	92.5	130.6	191.7	269.0
-12.5°	33.6	37.0	41.6	48.2	55.0	62.8	70.5	82.5	110.2	160.7	229.5
-13.75°	32.5	35.8	39.1	45.7	52.2	59.5	67.1	76.2	94.3	131.6	189.2
-15°	31.7	34.6	37.8	42.9	49.3	56.0	63.4	70.8	82.0	106.7	151.7
-16.25°	31.2	33.2	36.4	40.0	46.3	52.5	59.5	66.7	75.0	90.3	120.9
-17.5°	30.7	31.9	34.9	38.0	43.0	49.1	55.4	62.3	69.2	78.1	96.3
-18.75°	30.1	31.3	33.3	36.4	39.6	45.5	51.4	57.8	64.5	71.3	80.6
-20°	29.6	30.7	31.8	34.6	37.6	41.8	47.5	53.1	59.6	65.9	72.8
-21.25°	29.1	30.1	31.2	32.8	35.7	38.5	43.5	48.9	54.4	60.6	66.7



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	28.8	29.4	30.5	31.5	33.7	36.5	39.3	44.6	49.8	55.1	61.0
-23.75°	28.6	29.0	29.8	30.8	31.8	34.4	37.0	40.1	45.2	50.1	55.1
-25°	28.3	28.7	29.1	30.1	31.0	32.2	34.8	37.3	40.4	45.2	49.8
-26.25°	28.0	28.4	28.8	29.3	30.2	31.2	32.5	34.9	37.3	40.1	44.6
-27.5°	27.8	28.1	28.5	28.9	29.4	30.3	31.2	32.5	34.8	37.0	39.3
-28.75°	27.6	27.9	28.2	28.6	28.9	29.5	30.3	31.2	32.2	34.4	36.5
-30°	27.4	27.6	27.9	28.2	28.6	28.9	29.4	30.2	31.0	31.8	33.7
-31.25°	27.2	27.4	27.7	27.9	28.2	28.6	28.9	29.3	30.1	30.8	31.5
-32.5°	27.1	27.2	27.4	27.7	27.9	28.2	28.5	28.8	29.1	29.8	30.5
-33.75°	27.0	27.1	27.2	27.4	27.6	27.9	28.1	28.4	28.7	29.0	29.4
-35°	26.8	27.0	27.1	27.2	27.4	27.6	27.8	28.0	28.3	28.6	28.8
-36.25°	26.6	26.8	27.0	27.1	27.2	27.3	27.5	27.7	27.9	28.1	28.4
-37.5°	26.3	26.6	26.8	26.9	27.0	27.2	27.3	27.4	27.6	27.8	28.0
-38.75°	26.1	26.3	26.5	26.7	26.9	27.0	27.1	27.2	27.3	27.5	27.7
-40°	25.7	26.0	26.3	26.5	26.6	26.8	26.9	27.0	27.1	27.2	27.3
-41.25°	25.2	25.6	25.9	26.2	26.4	26.5	26.7	26.9	27.0	27.1	27.1
-42.5°	24.8	25.1	25.5	25.8	26.0	26.3	26.4	26.6	26.7	26.9	27.0
-43.75°	24.5	24.7	25.0	25.3	25.6	25.9	26.1	26.3	26.5	26.6	26.7
-45°	24.1	24.3	24.6	24.9	25.1	25.4	25.6	25.9	26.1	26.3	26.4
-46.25°	23.6	23.9	24.2	24.4	24.7	24.9	25.2	25.4	25.6	25.8	26.1
-47.5°	23.1	23.4	23.7	24.0	24.3	24.5	24.7	24.9	25.1	25.3	25.5
-48.75°	22.5	22.8	23.2	23.5	23.8	24.0	24.2	24.5	24.6	24.8	25.0
-50°	21.8	22.3	22.6	22.9	23.2	23.5	23.8	24.0	24.2	24.4	24.5
-51.25°	21.1	21.5	21.9	22.3	22.6	22.9	23.1	23.4	23.6	23.9	24.0
-52.5°	20.4	20.8	21.2	21.5	21.9	22.2	22.5	22.8	23.0	23.2	23.4
-53.75°	19.7	20.1	20.4	20.8	21.1	21.4	21.7	22.0	22.3	22.6	22.8
-55°	19.0	19.3	19.7	20.0	20.3	20.6	20.9	21.2	21.5	21.8	22.0
-56.25°	18.1	18.6	18.9	19.3	19.6	19.9	20.1	20.4	20.7	20.9	21.2
-57.5°	17.1	17.6	18.0	18.4	18.8	19.1	19.3	19.6	19.8	20.1	20.3
-58.75°	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.8	19.0	19.2	19.5
-60°	15.0	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.0	18.3	18.6
-61.25°	14.0	14.4	14.8	15.2	15.5	15.8	16.2	16.5	16.8	17.1	17.4
-62.5°	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.6	15.9	16.2
-63.75°	12.1	12.5	12.7	13.0	13.3	13.6	13.9	14.2	14.5	14.7	15.0
-65°	11.2	11.5	11.8	12.1	12.4	12.6	12.9	13.1	13.3	13.6	13.8
-66.25°	10.4	10.7	10.9	11.1	11.4	11.6	11.9	12.1	12.3	12.5	12.7
-67.5°	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.6
-68.75°	9.0	9.1	9.3	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.7
-70°	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8
-71.25°	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.7	8.8	8.9	9.0
-72.5°	7.4	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3
-73.75°	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.5	7.5	7.5	7.6
-75°	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2
-76.25°	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9
-77.5°	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	5.2	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.8	5.9
-80°	4.6	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2	5.2
-81.25°	4.0	4.1	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.5
-82.5°	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9
-83.75°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2
-85°	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-86.25°	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
85°	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7
83.75°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
82.5°	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
81.25°	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9
80°	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6
78.75°	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
77.5°	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7
76.25°	6.9	6.9	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1
75°	7.3	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5
73.75°	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.2
72.5°	8.4	8.4	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0
71.25°	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.8	9.8	9.9
70°	9.9	10.0	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.8	10.8
68.75°	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.7	11.8	11.8	11.9
67.5°	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.8	12.9	13.0	13.0
66.25°	12.9	13.1	13.2	13.4	13.6	13.7	13.9	14.0	14.1	14.2	14.3
65°	14.0	14.2	14.4	14.6	14.8	15.0	15.1	15.2	15.4	15.5	15.6
63.75°	15.2	15.4	15.7	15.8	16.0	16.2	16.4	16.5	16.7	16.8	16.9
62.5°	16.4	16.7	16.9	17.1	17.3	17.5	17.7	17.8	18.0	18.1	18.2
61.25°	17.7	17.9	18.2	18.4	18.6	18.7	18.9	19.0	19.1	19.2	19.3
60°	18.8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.0	20.1	20.2
58.75°	19.7	19.9	20.1	20.2	20.4	20.6	20.7	20.8	20.9	21.0	21.1
57.5°	20.5	20.7	20.9	21.1	21.3	21.5	21.6	21.7	21.9	22.0	22.1
56.25°	21.4	21.6	21.8	22.0	22.2	22.4	22.5	22.6	22.7	22.8	22.9
55°	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.3	23.4	23.5	23.6
53.75°	23.0	23.2	23.3	23.5	23.7	23.8	23.9	24.0	24.1	24.2	24.2
52.5°	23.6	23.8	24.0	24.1	24.2	24.3	24.5	24.5	24.6	24.7	24.8
51.25°	24.2	24.4	24.5	24.6	24.8	24.9	25.0	25.1	25.2	25.3	25.3
50°	24.7	24.8	25.0	25.1	25.3	25.4	25.5	25.7	25.8	25.9	25.9
48.75°	25.2	25.4	25.5	25.7	25.9	26.0	26.1	26.2	26.3	26.3	26.4
47.5°	25.7	25.9	26.1	26.2	26.3	26.4	26.5	26.6	26.6	26.7	26.7
46.25°	26.2	26.3	26.5	26.6	26.6	26.7	26.8	26.9	26.9	27.0	27.0
45°	26.5	26.7	26.8	26.9	26.9	27.0	27.0	27.1	27.1	27.2	27.2
43.75°	26.8	26.9	27.0	27.1	27.1	27.2	27.2	27.3	27.3	27.4	27.5
42.5°	27.0	27.1	27.2	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9
41.25°	27.2	27.3	27.4	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3
40°	27.5	27.6	27.8	27.9	28.1	28.2	28.4	28.5	28.6	28.7	28.9
38.75°	27.8	28.0	28.1	28.3	28.5	28.7	28.9	29.0	29.2	29.4	29.7
37.5°	28.2	28.4	28.6	28.8	29.0	29.2	29.6	30.0	30.4	30.7	31.0
36.25°	28.6	28.9	29.1	29.5	30.0	30.5	30.9	31.3	31.7	32.1	32.9
35°	29.1	29.6	30.1	30.7	31.2	31.7	32.5	33.6	34.7	35.6	36.4



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	30.1	30.7	31.3	31.9	33.2	34.6	35.8	37.0	38.1	39.0	40.6
32.5°	31.2	31.8	33.3	34.9	36.4	37.8	39.1	41.6	43.8	45.8	47.6
31.25°	32.8	34.6	36.4	38.0	40.0	42.9	45.7	48.2	50.5	52.6	54.6
30°	35.7	37.6	39.6	43.0	46.3	49.3	52.2	55.0	57.9	60.5	62.8
28.75°	38.5	41.8	45.5	49.1	52.5	56.0	59.5	62.8	65.8	68.5	71.0
27.5°	43.5	47.5	51.4	55.4	59.5	63.4	67.1	70.5	74.8	78.8	85.1
26.25°	48.9	53.1	57.8	62.3	66.7	70.8	76.2	82.5	92.5	102.4	118.3
25°	54.4	59.6	64.5	69.2	75.0	82.0	94.3	110.2	130.6	152.7	176.8
23.75°	60.6	65.9	71.3	78.1	90.3	106.7	131.6	160.7	191.7	224.2	254.9
22.5°	66.7	72.8	80.6	96.3	120.9	151.7	189.2	229.5	269.0	310.2	347.5
21.25°	73.4	82.9	99.9	130.5	169.4	213.3	261.0	311.0	359.4	408.1	452.5
20°	82.9	101.3	135.4	180.1	231.2	285.9	343.3	402.5	459.2	513.1	561.4
18.75°	99.9	135.4	183.7	240.1	301.8	366.7	433.8	499.7	561.1	616.7	664.7
17.5°	130.5	180.1	240.1	307.2	379.0	453.3	527.2	595.6	657.4	712.2	764.2
16.25°	169.4	231.2	301.8	379.0	460.0	541.0	616.6	684.3	748.4	809.4	866.9
15°	213.3	285.9	366.7	453.3	541.0	623.6	698.0	770.7	841.2	908.2	970.7
13.75°	261.0	343.3	433.8	527.2	616.6	698.0	778.2	857.4	933.9	1006.1	1070.7
12.5°	311.0	402.5	499.7	595.6	684.3	770.7	857.4	942.5	1023.7	1098.0	1163.7
11.25°	359.4	459.2	561.1	657.4	748.4	841.2	933.9	1023.7	1106.9	1182.3	1248.0
10°	408.1	513.1	616.7	712.2	809.4	908.2	1006.1	1098.0	1182.3	1257.3	1323.4
8.75°	452.5	561.4	664.7	764.2	866.9	970.7	1070.7	1163.7	1248.0	1323.4	1391.2
7.5°	493.3	603.6	706.4	811.0	918.7	1026.0	1127.4	1220.7	1305.2	1381.9	1450.6
6.25°	528.4	639.4	743.7	852.8	964.4	1073.6	1176.1	1269.7	1354.4	1432.2	1501.9
5°	557.1	667.6	775.4	887.8	1002.7	1112.7	1215.1	1308.8	1395.1	1473.4	1545.7
3.75°	579.5	689.9	800.4	915.8	1032.2	1143.0	1246.0	1340.2	1427.1	1506.2	1579.8
2.5°	595.7	705.9	818.8	936.3	1053.6	1165.1	1268.3	1362.3	1449.5	1530.2	1605.2
1.25°	605.5	715.7	830.1	948.7	1066.6	1178.6	1281.1	1375.7	1463.3	1545.1	1619.8
0°	608.8	718.9	833.9	952.9	1071.0	1183.1	1285.4	1380.2	1467.9	1550.1	1624.6
-1.25°	605.5	715.7	830.1	948.7	1066.6	1178.6	1281.1	1375.7	1463.3	1545.1	1619.8
-2.5°	595.7	705.9	818.8	936.3	1053.6	1165.1	1268.3	1362.3	1449.5	1530.2	1605.2
-3.75°	579.5	689.9	800.4	915.8	1032.2	1143.0	1246.0	1340.2	1427.1	1506.2	1579.8
-5°	557.1	667.6	775.4	887.8	1002.7	1112.7	1215.1	1308.8	1395.1	1473.4	1545.7
-6.25°	528.4	639.4	743.7	852.8	964.4	1073.6	1176.1	1269.7	1354.4	1432.2	1501.9
-7.5°	493.3	603.6	706.4	811.0	918.7	1026.0	1127.4	1220.7	1305.2	1381.9	1450.6
-8.75°	452.5	561.4	664.7	764.2	866.9	970.7	1070.7	1163.7	1248.0	1323.4	1391.2
-10°	408.1	513.1	616.7	712.2	809.4	908.2	1006.1	1098.0	1182.3	1257.3	1323.4
-11.25°	359.4	459.2	561.1	657.4	748.4	841.2	933.9	1023.7	1106.9	1182.3	1248.0
-12.5°	311.0	402.5	499.7	595.6	684.3	770.7	857.4	942.5	1023.7	1098.0	1163.7
-13.75°	261.0	343.3	433.8	527.2	616.6	698.0	778.2	857.4	933.9	1006.1	1070.7
-15°	213.3	285.9	366.7	453.3	541.0	623.6	698.0	770.7	841.2	908.2	970.7
-16.25°	169.4	231.2	301.8	379.0	460.0	541.0	616.6	684.3	748.4	809.4	866.9
-17.5°	130.5	180.1	240.1	307.2	379.0	453.3	527.2	595.6	657.4	712.2	764.2
-18.75°	99.9	135.4	183.7	240.1	301.8	366.7	433.8	499.7	561.1	616.7	664.7
-20°	82.9	101.3	135.4	180.1	231.2	285.9	343.3	402.5	459.2	513.1	561.4
-21.25°	73.4	82.9	99.9	130.5	169.4	213.3	261.0	311.0	359.4	408.1	452.5



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	66.7	72.8	80.6	96.3	120.9	151.7	189.2	229.5	269.0	310.2	347.5
-23.75°	60.6	65.9	71.3	78.1	90.3	106.7	131.6	160.7	191.7	224.2	254.9
-25°	54.4	59.6	64.5	69.2	75.0	82.0	94.3	110.2	130.6	152.7	176.8
-26.25°	48.9	53.1	57.8	62.3	66.7	70.8	76.2	82.5	92.5	102.4	118.3
-27.5°	43.5	47.5	51.4	55.4	59.5	63.4	67.1	70.5	74.8	78.8	85.1
-28.75°	38.5	41.8	45.5	49.1	52.5	56.0	59.5	62.8	65.8	68.5	71.0
-30°	35.7	37.6	39.6	43.0	46.3	49.3	52.2	55.0	57.9	60.5	62.8
-31.25°	32.8	34.6	36.4	38.0	40.0	42.9	45.7	48.2	50.5	52.6	54.6
-32.5°	31.2	31.8	33.3	34.9	36.4	37.8	39.1	41.6	43.8	45.8	47.6
-33.75°	30.1	30.7	31.3	31.9	33.2	34.6	35.8	37.0	38.1	39.0	40.6
-35°	29.1	29.6	30.1	30.7	31.2	31.7	32.5	33.6	34.7	35.6	36.4
-36.25°	28.6	28.9	29.1	29.5	30.0	30.5	30.9	31.3	31.7	32.1	32.9
-37.5°	28.2	28.4	28.6	28.8	29.0	29.2	29.6	30.0	30.4	30.7	31.0
-38.75°	27.8	28.0	28.1	28.3	28.5	28.7	28.9	29.0	29.2	29.4	29.7
-40°	27.5	27.6	27.8	27.9	28.1	28.2	28.4	28.5	28.6	28.7	28.9
-41.25°	27.2	27.3	27.4	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3
-42.5°	27.0	27.1	27.2	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9
-43.75°	26.8	26.9	27.0	27.1	27.1	27.2	27.2	27.3	27.3	27.4	27.5
-45°	26.5	26.7	26.8	26.9	26.9	27.0	27.0	27.1	27.1	27.2	27.2
-46.25°	26.2	26.3	26.5	26.6	26.6	26.7	26.8	26.9	26.9	27.0	27.0
-47.5°	25.7	25.9	26.1	26.2	26.3	26.4	26.5	26.6	26.6	26.7	26.7
-48.75°	25.2	25.4	25.5	25.7	25.9	26.0	26.1	26.2	26.3	26.3	26.4
-50°	24.7	24.8	25.0	25.1	25.3	25.4	25.5	25.7	25.8	25.9	25.9
-51.25°	24.2	24.4	24.5	24.6	24.8	24.9	25.0	25.1	25.2	25.3	25.3
-52.5°	23.6	23.8	24.0	24.1	24.2	24.3	24.5	24.5	24.6	24.7	24.8
-53.75°	23.0	23.2	23.3	23.5	23.7	23.8	23.9	24.0	24.1	24.2	24.2
-55°	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.3	23.4	23.5	23.6
-56.25°	21.4	21.6	21.8	22.0	22.2	22.4	22.5	22.6	22.7	22.8	22.9
-57.5°	20.5	20.7	20.9	21.1	21.3	21.5	21.6	21.7	21.9	22.0	22.1
-58.75°	19.7	19.9	20.1	20.2	20.4	20.6	20.7	20.8	20.9	21.0	21.1
-60°	18.8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.0	20.1	20.2
-61.25°	17.7	17.9	18.2	18.4	18.6	18.7	18.9	19.0	19.1	19.2	19.3
-62.5°	16.4	16.7	16.9	17.1	17.3	17.5	17.7	17.8	18.0	18.1	18.2
-63.75°	15.2	15.4	15.7	15.8	16.0	16.2	16.4	16.5	16.7	16.8	16.9
-65°	14.0	14.2	14.4	14.6	14.8	15.0	15.1	15.2	15.4	15.5	15.6
-66.25°	12.9	13.1	13.2	13.4	13.6	13.7	13.9	14.0	14.1	14.2	14.3
-67.5°	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.8	12.9	13.0	13.0
-68.75°	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.7	11.8	11.8	11.9
-70°	9.9	10.0	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.8	10.8
-71.25°	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.8	9.8	9.9
-72.5°	8.4	8.4	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0
-73.75°	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.2
-75°	7.3	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5
-76.25°	6.9	6.9	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1
-77.5°	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2	6.2	6.2
-80°	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6
-81.25°	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9
-82.5°	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
-83.75°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
-85°	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7
-86.25°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
83.75°	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.4
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
81.25°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
80°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
78.75°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
76.25°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
73.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.3	8.3	8.3	8.3
72.5°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
71.25°	9.9	10.0	10.0	10.0	10.0	10.0	10.1	10.0	10.0	10.0	10.0
70°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
68.75°	12.0	12.0	12.1	12.1	12.1	12.1	12.2	12.1	12.1	12.1	12.1
67.5°	13.1	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2
66.25°	14.4	14.4	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.5	14.5
65°	15.7	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
63.75°	17.0	17.1	17.1	17.2	17.2	17.2	17.3	17.2	17.2	17.2	17.1
62.5°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
61.25°	19.3	19.4	19.5	19.5	19.5	19.5	19.6	19.5	19.5	19.5	19.5
60°	20.3	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
58.75°	21.2	21.3	21.3	21.4	21.4	21.4	21.5	21.4	21.4	21.4	21.3
57.5°	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
56.25°	23.0	23.0	23.1	23.1	23.1	23.1	23.2	23.1	23.1	23.1	23.1
55°	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.8	23.8
53.75°	24.3	24.3	24.4	24.4	24.4	24.4	24.5	24.4	24.4	24.4	24.4
52.5°	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.9
51.25°	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.5
50°	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.1
48.75°	26.4	26.5	26.5	26.5	26.5	26.5	26.6	26.5	26.5	26.5	26.5
47.5°	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.8
46.25°	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
45°	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
43.75°	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.6
42.5°	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.0
41.25°	28.4	28.5	28.5	28.6	28.6	28.6	28.7	28.6	28.6	28.6	28.5
40°	28.9	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.1	29.1
38.75°	29.9	30.1	30.3	30.4	30.5	30.5	30.6	30.5	30.5	30.4	30.3
37.5°	31.2	31.4	31.6	31.7	31.8	31.9	31.9	31.9	31.8	31.7	31.6
36.25°	33.6	34.2	34.6	35.0	35.3	35.4	35.5	35.4	35.3	35.0	34.6
35°	37.1	37.7	38.2	38.6	38.9	39.0	39.1	39.0	38.9	38.6	38.2

REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	42.1	43.4	44.4	45.2	45.8	46.2	46.3	46.2	45.8	45.2	44.4
32.5°	49.1	50.4	51.5	52.4	53.0	53.4	53.5	53.4	53.0	52.4	51.5
31.25°	56.6	58.2	59.6	60.6	61.4	61.8	62.0	61.8	61.4	60.6	59.6
30°	64.8	66.5	67.9	69.1	69.9	70.3	70.5	70.3	69.9	69.1	67.9
28.75°	74.0	76.5	78.6	80.6	83.2	84.7	85.2	84.7	83.2	80.6	78.6
27.5°	92.0	97.8	104.3	111.6	116.9	120.1	121.2	120.1	116.9	111.6	104.3
26.25°	132.2	145.4	159.6	170.7	178.8	183.6	185.2	183.6	178.8	170.7	159.6
25°	198.0	219.6	237.8	252.1	262.4	268.6	270.7	268.6	262.4	252.1	237.8
23.75°	283.7	310.5	332.7	350.1	363.8	372.2	375.1	372.2	363.8	350.1	332.7
22.5°	383.7	415.2	441.4	462.9	478.5	487.9	491.1	487.9	478.5	462.9	441.4
21.25°	493.3	528.4	557.1	579.5	595.7	605.5	608.8	605.5	595.7	579.5	557.1
20°	603.6	639.4	667.6	689.9	705.9	715.7	718.9	715.7	705.9	689.9	667.6
18.75°	706.4	743.7	775.4	800.4	818.8	830.1	833.9	830.1	818.8	800.4	775.4
17.5°	811.0	852.8	887.8	915.8	936.3	948.7	952.9	948.7	936.3	915.8	887.8
16.25°	918.7	964.4	1002.7	1032.2	1053.6	1066.6	1071.0	1066.6	1053.6	1032.2	1002.7
15°	1026.0	1073.6	1112.7	1143.0	1165.1	1178.6	1183.1	1178.6	1165.1	1143.0	1112.7
13.75°	1127.4	1176.1	1215.1	1246.0	1268.3	1281.1	1285.4	1281.1	1268.3	1246.0	1215.1
12.5°	1220.7	1269.7	1308.8	1340.2	1362.3	1375.7	1380.2	1375.7	1362.3	1340.2	1308.8
11.25°	1305.2	1354.4	1395.1	1427.1	1449.5	1463.3	1467.9	1463.3	1449.5	1427.1	1395.1
10°	1381.9	1432.2	1473.4	1506.2	1530.2	1545.1	1550.1	1545.1	1530.2	1506.2	1473.4
8.75°	1450.6	1501.9	1545.7	1579.8	1605.2	1619.8	1624.6	1619.8	1605.2	1579.8	1545.7
7.5°	1511.5	1565.3	1610.8	1644.3	1669.2	1683.4	1688.3	1683.4	1669.2	1644.3	1610.8
6.25°	1565.3	1620.3	1664.7	1698.5	1722.1	1735.3	1739.9	1735.3	1722.1	1698.5	1664.7
5°	1610.8	1664.7	1708.8	1740.0	1760.9	1773.2	1777.6	1773.2	1760.9	1740.0	1708.8
3.75°	1644.3	1698.5	1740.0	1769.0	1788.1	1799.4	1802.0	1799.4	1788.1	1769.0	1740.0
2.5°	1669.2	1722.1	1760.9	1788.1	1804.7	1812.5	1814.1	1812.5	1804.7	1788.1	1760.9
1.25°	1683.4	1735.3	1773.2	1799.4	1812.5	1818.0	1821.0	1818.0	1812.5	1799.4	1773.2
0°	1688.3	1739.9	1777.6	1802.0	1814.1	1821.0	1827.7	1821.0	1814.1	1802.0	1777.6
-1.25°	1683.4	1735.3	1773.2	1799.4	1812.5	1818.0	1821.0	1818.0	1812.5	1799.4	1773.2
-2.5°	1669.2	1722.1	1760.9	1788.1	1804.7	1812.5	1814.1	1812.5	1804.7	1788.1	1760.9
-3.75°	1644.3	1698.5	1740.0	1769.0	1788.1	1799.4	1802.0	1799.4	1788.1	1769.0	1740.0
-5°	1610.8	1664.7	1708.8	1740.0	1760.9	1773.2	1777.6	1773.2	1760.9	1740.0	1708.8
-6.25°	1565.3	1620.3	1664.7	1698.5	1722.1	1735.3	1739.9	1735.3	1722.1	1698.5	1664.7
-7.5°	1511.5	1565.3	1610.8	1644.3	1669.2	1683.4	1688.3	1683.4	1669.2	1644.3	1610.8
-8.75°	1450.6	1501.9	1545.7	1579.8	1605.2	1619.8	1624.6	1619.8	1605.2	1579.8	1545.7
-10°	1381.9	1432.2	1473.4	1506.2	1530.2	1545.1	1550.1	1545.1	1530.2	1506.2	1473.4
-11.25°	1305.2	1354.4	1395.1	1427.1	1449.5	1463.3	1467.9	1463.3	1449.5	1427.1	1395.1
-12.5°	1220.7	1269.7	1308.8	1340.2	1362.3	1375.7	1380.2	1375.7	1362.3	1340.2	1308.8
-13.75°	1127.4	1176.1	1215.1	1246.0	1268.3	1281.1	1285.4	1281.1	1268.3	1246.0	1215.1
-15°	1026.0	1073.6	1112.7	1143.0	1165.1	1178.6	1183.1	1178.6	1165.1	1143.0	1112.7
-16.25°	918.7	964.4	1002.7	1032.2	1053.6	1066.6	1071.0	1066.6	1053.6	1032.2	1002.7
-17.5°	811.0	852.8	887.8	915.8	936.3	948.7	952.9	948.7	936.3	915.8	887.8
-18.75°	706.4	743.7	775.4	800.4	818.8	830.1	833.9	830.1	818.8	800.4	775.4
-20°	603.6	639.4	667.6	689.9	705.9	715.7	718.9	715.7	705.9	689.9	667.6
-21.25°	493.3	528.4	557.1	579.5	595.7	605.5	608.8	605.5	595.7	579.5	557.1



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	383.7	415.2	441.4	462.9	478.5	487.9	491.1	487.9	478.5	462.9	441.4
-23.75°	283.7	310.5	332.7	350.1	363.8	372.2	375.1	372.2	363.8	350.1	332.7
-25°	198.0	219.6	237.8	252.1	262.4	268.6	270.7	268.6	262.4	252.1	237.8
-26.25°	132.2	145.4	159.6	170.7	178.8	183.6	185.2	183.6	178.8	170.7	159.6
-27.5°	92.0	97.8	104.3	111.6	116.9	120.1	121.2	120.1	116.9	111.6	104.3
-28.75°	74.0	76.5	78.6	80.6	83.2	84.7	85.2	84.7	83.2	80.6	78.6
-30°	64.8	66.5	67.9	69.1	69.9	70.3	70.5	70.3	69.9	69.1	67.9
-31.25°	56.6	58.2	59.6	60.6	61.4	61.8	62.0	61.8	61.4	60.6	59.6
-32.5°	49.1	50.4	51.5	52.4	53.0	53.4	53.5	53.4	53.0	52.4	51.5
-33.75°	42.1	43.4	44.4	45.2	45.8	46.2	46.3	46.2	45.8	45.2	44.4
-35°	37.1	37.7	38.2	38.6	38.9	39.0	39.1	39.0	38.9	38.6	38.2
-36.25°	33.6	34.2	34.6	35.0	35.3	35.4	35.5	35.4	35.3	35.0	34.6
-37.5°	31.2	31.4	31.6	31.7	31.8	31.9	31.9	31.9	31.8	31.7	31.6
-38.75°	29.9	30.1	30.3	30.4	30.5	30.5	30.6	30.5	30.5	30.4	30.3
-40°	28.9	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.1	29.1
-41.25°	28.4	28.5	28.5	28.6	28.6	28.6	28.7	28.6	28.6	28.6	28.5
-42.5°	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.0
-43.75°	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.6
-45°	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
-46.25°	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
-47.5°	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.8
-48.75°	26.4	26.5	26.5	26.5	26.5	26.5	26.6	26.5	26.5	26.5	26.5
-50°	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.1
-51.25°	25.4	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.5
-52.5°	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.9
-53.75°	24.3	24.3	24.4	24.4	24.4	24.4	24.5	24.4	24.4	24.4	24.4
-55°	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.8	23.8
-56.25°	23.0	23.0	23.1	23.1	23.1	23.1	23.2	23.1	23.1	23.1	23.1
-57.5°	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.3	22.3
-58.75°	21.2	21.3	21.3	21.4	21.4	21.4	21.5	21.4	21.4	21.4	21.3
-60°	20.3	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.4	20.4
-61.25°	19.3	19.4	19.5	19.5	19.5	19.5	19.6	19.5	19.5	19.5	19.5
-62.5°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
-63.75°	17.0	17.1	17.1	17.2	17.2	17.2	17.3	17.2	17.2	17.2	17.1
-65°	15.7	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
-66.25°	14.4	14.4	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.5	14.5
-67.5°	13.1	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.2
-68.75°	12.0	12.0	12.1	12.1	12.1	12.1	12.2	12.1	12.1	12.1	12.1
-70°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-71.25°	9.9	10.0	10.0	10.0	10.0	10.0	10.1	10.0	10.0	10.0	10.0
-72.5°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-73.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.3	8.3	8.3	8.3
-75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-76.25°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
-77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
-80°	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-81.25°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
-82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-83.75°	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.4
-85°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
-86.25°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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	1.1	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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°	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8
85°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.5
83.75°	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3
82.5°	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
81.25°	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7
80°	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4
78.75°	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0
77.5°	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5
76.25°	7.2	7.2	7.1	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0
75°	7.6	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3
73.75°	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8
72.5°	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5
71.25°	10.0	9.9	9.9	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.3
70°	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.5	10.4	10.3	10.2
68.75°	12.0	12.0	11.9	11.8	11.8	11.7	11.6	11.5	11.3	11.2	11.1
67.5°	13.2	13.1	13.0	13.0	12.9	12.8	12.7	12.6	12.4	12.3	12.1
66.25°	14.4	14.4	14.3	14.2	14.1	14.0	13.9	13.7	13.6	13.4	13.2
65°	15.7	15.7	15.6	15.5	15.4	15.2	15.1	15.0	14.8	14.6	14.4
63.75°	17.1	17.0	16.9	16.8	16.7	16.5	16.4	16.2	16.0	15.8	15.7
62.5°	18.4	18.3	18.2	18.1	18.0	17.8	17.7	17.5	17.3	17.1	16.9
61.25°	19.4	19.3	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.4	18.2
60°	20.4	20.3	20.2	20.1	20.0	19.9	19.8	19.6	19.5	19.3	19.2
58.75°	21.3	21.2	21.1	21.0	20.9	20.8	20.7	20.6	20.4	20.2	20.1
57.5°	22.2	22.2	22.1	22.0	21.9	21.7	21.6	21.5	21.3	21.1	20.9
56.25°	23.0	23.0	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.0	21.8
55°	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.1	22.9	22.8	22.6
53.75°	24.3	24.3	24.2	24.2	24.1	24.0	23.9	23.8	23.7	23.5	23.3
52.5°	24.9	24.8	24.8	24.7	24.6	24.5	24.5	24.3	24.2	24.1	24.0
51.25°	25.5	25.4	25.3	25.3	25.2	25.1	25.0	24.9	24.8	24.6	24.5
50°	26.1	26.0	25.9	25.9	25.8	25.7	25.5	25.4	25.3	25.1	25.0
48.75°	26.5	26.4	26.4	26.3	26.3	26.2	26.1	26.0	25.9	25.7	25.5
47.5°	26.8	26.8	26.7	26.7	26.6	26.6	26.5	26.4	26.3	26.2	26.1
46.25°	27.0	27.0	27.0	27.0	26.9	26.9	26.8	26.7	26.6	26.6	26.5
45°	27.2	27.2	27.2	27.2	27.1	27.1	27.0	27.0	26.9	26.9	26.8
43.75°	27.6	27.5	27.5	27.4	27.3	27.3	27.2	27.2	27.1	27.1	27.0
42.5°	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.4	27.3	27.2	27.2
41.25°	28.5	28.4	28.3	28.2	28.1	28.0	27.9	27.8	27.7	27.6	27.4
40°	29.0	28.9	28.9	28.7	28.6	28.5	28.4	28.2	28.1	27.9	27.8
38.75°	30.1	29.9	29.7	29.4	29.2	29.0	28.9	28.7	28.5	28.3	28.1
37.5°	31.4	31.2	31.0	30.7	30.4	30.0	29.6	29.2	29.0	28.8	28.6
36.25°	34.2	33.6	32.9	32.1	31.7	31.3	30.9	30.5	30.0	29.5	29.1
35°	37.7	37.1	36.4	35.6	34.7	33.6	32.5	31.7	31.2	30.7	30.1



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	43.4	42.1	40.6	39.0	38.1	37.0	35.8	34.6	33.2	31.9	31.3
32.5°	50.4	49.1	47.6	45.8	43.8	41.6	39.1	37.8	36.4	34.9	33.3
31.25°	58.2	56.6	54.6	52.6	50.5	48.2	45.7	42.9	40.0	38.0	36.4
30°	66.5	64.8	62.8	60.5	57.9	55.0	52.2	49.3	46.3	43.0	39.6
28.75°	76.5	74.0	71.0	68.5	65.8	62.8	59.5	56.0	52.5	49.1	45.5
27.5°	97.8	92.0	85.1	78.8	74.8	70.5	67.1	63.4	59.5	55.4	51.4
26.25°	145.4	132.2	118.3	102.4	92.5	82.5	76.2	70.8	66.7	62.3	57.8
25°	219.6	198.0	176.8	152.7	130.6	110.2	94.3	82.0	75.0	69.2	64.5
23.75°	310.5	283.7	254.9	224.2	191.7	160.7	131.6	106.7	90.3	78.1	71.3
22.5°	415.2	383.7	347.5	310.2	269.0	229.5	189.2	151.7	120.9	96.3	80.6
21.25°	528.4	493.3	452.5	408.1	359.4	311.0	261.0	213.3	169.4	130.5	99.9
20°	639.4	603.6	561.4	513.1	459.2	402.5	343.3	285.9	231.2	180.1	135.4
18.75°	743.7	706.4	664.7	616.7	561.1	499.7	433.8	366.7	301.8	240.1	183.7
17.5°	852.8	811.0	764.2	712.2	657.4	595.6	527.2	453.3	379.0	307.2	240.1
16.25°	964.4	918.7	866.9	809.4	748.4	684.3	616.6	541.0	460.0	379.0	301.8
15°	1073.6	1026.0	970.7	908.2	841.2	770.7	698.0	623.6	541.0	453.3	366.7
13.75°	1176.1	1127.4	1070.7	1006.1	933.9	857.4	778.2	698.0	616.6	527.2	433.8
12.5°	1269.7	1220.7	1163.7	1098.0	1023.7	942.5	857.4	770.7	684.3	595.6	499.7
11.25°	1354.4	1305.2	1248.0	1182.3	1106.9	1023.7	933.9	841.2	748.4	657.4	561.1
10°	1432.2	1381.9	1323.4	1257.3	1182.3	1098.0	1006.1	908.2	809.4	712.2	616.7
8.75°	1501.9	1450.6	1391.2	1323.4	1248.0	1163.7	1070.7	970.7	866.9	764.2	664.7
7.5°	1565.3	1511.5	1450.6	1381.9	1305.2	1220.7	1127.4	1026.0	918.7	811.0	706.4
6.25°	1620.3	1565.3	1501.9	1432.2	1354.4	1269.7	1176.1	1073.6	964.4	852.8	743.7
5°	1664.7	1610.8	1545.7	1473.4	1395.1	1308.8	1215.1	1112.7	1002.7	887.8	775.4
3.75°	1698.5	1644.3	1579.8	1506.2	1427.1	1340.2	1246.0	1143.0	1032.2	915.8	800.4
2.5°	1722.1	1669.2	1605.2	1530.2	1449.5	1362.3	1268.3	1165.1	1053.6	936.3	818.8
1.25°	1735.3	1683.4	1619.8	1545.1	1463.3	1375.7	1281.1	1178.6	1066.6	948.7	830.1
0°	1739.9	1688.3	1624.6	1550.1	1467.9	1380.2	1285.4	1183.1	1071.0	952.9	833.9
-1.25°	1735.3	1683.4	1619.8	1545.1	1463.3	1375.7	1281.1	1178.6	1066.6	948.7	830.1
-2.5°	1722.1	1669.2	1605.2	1530.2	1449.5	1362.3	1268.3	1165.1	1053.6	936.3	818.8
-3.75°	1698.5	1644.3	1579.8	1506.2	1427.1	1340.2	1246.0	1143.0	1032.2	915.8	800.4
-5°	1664.7	1610.8	1545.7	1473.4	1395.1	1308.8	1215.1	1112.7	1002.7	887.8	775.4
-6.25°	1620.3	1565.3	1501.9	1432.2	1354.4	1269.7	1176.1	1073.6	964.4	852.8	743.7
-7.5°	1565.3	1511.5	1450.6	1381.9	1305.2	1220.7	1127.4	1026.0	918.7	811.0	706.4
-8.75°	1501.9	1450.6	1391.2	1323.4	1248.0	1163.7	1070.7	970.7	866.9	764.2	664.7
-10°	1432.2	1381.9	1323.4	1257.3	1182.3	1098.0	1006.1	908.2	809.4	712.2	616.7
-11.25°	1354.4	1305.2	1248.0	1182.3	1106.9	1023.7	933.9	841.2	748.4	657.4	561.1
-12.5°	1269.7	1220.7	1163.7	1098.0	1023.7	942.5	857.4	770.7	684.3	595.6	499.7
-13.75°	1176.1	1127.4	1070.7	1006.1	933.9	857.4	778.2	698.0	616.6	527.2	433.8
-15°	1073.6	1026.0	970.7	908.2	841.2	770.7	698.0	623.6	541.0	453.3	366.7
-16.25°	964.4	918.7	866.9	809.4	748.4	684.3	616.6	541.0	460.0	379.0	301.8
-17.5°	852.8	811.0	764.2	712.2	657.4	595.6	527.2	453.3	379.0	307.2	240.1
-18.75°	743.7	706.4	664.7	616.7	561.1	499.7	433.8	366.7	301.8	240.1	183.7
-20°	639.4	603.6	561.4	513.1	459.2	402.5	343.3	285.9	231.2	180.1	135.4
-21.25°	528.4	493.3	452.5	408.1	359.4	311.0	261.0	213.3	169.4	130.5	99.9



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	415.2	383.7	347.5	310.2	269.0	229.5	189.2	151.7	120.9	96.3	80.6
-23.75°	310.5	283.7	254.9	224.2	191.7	160.7	131.6	106.7	90.3	78.1	71.3
-25°	219.6	198.0	176.8	152.7	130.6	110.2	94.3	82.0	75.0	69.2	64.5
-26.25°	145.4	132.2	118.3	102.4	92.5	82.5	76.2	70.8	66.7	62.3	57.8
-27.5°	97.8	92.0	85.1	78.8	74.8	70.5	67.1	63.4	59.5	55.4	51.4
-28.75°	76.5	74.0	71.0	68.5	65.8	62.8	59.5	56.0	52.5	49.1	45.5
-30°	66.5	64.8	62.8	60.5	57.9	55.0	52.2	49.3	46.3	43.0	39.6
-31.25°	58.2	56.6	54.6	52.6	50.5	48.2	45.7	42.9	40.0	38.0	36.4
-32.5°	50.4	49.1	47.6	45.8	43.8	41.6	39.1	37.8	36.4	34.9	33.3
-33.75°	43.4	42.1	40.6	39.0	38.1	37.0	35.8	34.6	33.2	31.9	31.3
-35°	37.7	37.1	36.4	35.6	34.7	33.6	32.5	31.7	31.2	30.7	30.1
-36.25°	34.2	33.6	32.9	32.1	31.7	31.3	30.9	30.5	30.0	29.5	29.1
-37.5°	31.4	31.2	31.0	30.7	30.4	30.0	29.6	29.2	29.0	28.8	28.6
-38.75°	30.1	29.9	29.7	29.4	29.2	29.0	28.9	28.7	28.5	28.3	28.1
-40°	29.0	28.9	28.9	28.7	28.6	28.5	28.4	28.2	28.1	27.9	27.8
-41.25°	28.5	28.4	28.3	28.2	28.1	28.0	27.9	27.8	27.7	27.6	27.4
-42.5°	28.0	27.9	27.9	27.8	27.7	27.6	27.5	27.4	27.3	27.2	27.2
-43.75°	27.6	27.5	27.5	27.4	27.3	27.3	27.2	27.2	27.1	27.1	27.0
-45°	27.2	27.2	27.2	27.2	27.1	27.1	27.0	27.0	26.9	26.9	26.8
-46.25°	27.0	27.0	27.0	27.0	26.9	26.9	26.8	26.7	26.6	26.6	26.5
-47.5°	26.8	26.8	26.7	26.7	26.6	26.6	26.5	26.4	26.3	26.2	26.1
-48.75°	26.5	26.4	26.4	26.3	26.3	26.2	26.1	26.0	25.9	25.7	25.5
-50°	26.1	26.0	25.9	25.9	25.8	25.7	25.5	25.4	25.3	25.1	25.0
-51.25°	25.5	25.4	25.3	25.3	25.2	25.1	25.0	24.9	24.8	24.6	24.5
-52.5°	24.9	24.8	24.8	24.7	24.6	24.5	24.5	24.3	24.2	24.1	24.0
-53.75°	24.3	24.3	24.2	24.2	24.1	24.0	23.9	23.8	23.7	23.5	23.3
-55°	23.8	23.7	23.6	23.5	23.4	23.3	23.2	23.1	22.9	22.8	22.6
-56.25°	23.0	23.0	22.9	22.8	22.7	22.6	22.5	22.4	22.2	22.0	21.8
-57.5°	22.2	22.2	22.1	22.0	21.9	21.7	21.6	21.5	21.3	21.1	20.9
-58.75°	21.3	21.2	21.1	21.0	20.9	20.8	20.7	20.6	20.4	20.2	20.1
-60°	20.4	20.3	20.2	20.1	20.0	19.9	19.8	19.6	19.5	19.3	19.2
-61.25°	19.4	19.3	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.4	18.2
-62.5°	18.4	18.3	18.2	18.1	18.0	17.8	17.7	17.5	17.3	17.1	16.9
-63.75°	17.1	17.0	16.9	16.8	16.7	16.5	16.4	16.2	16.0	15.8	15.7
-65°	15.7	15.7	15.6	15.5	15.4	15.2	15.1	15.0	14.8	14.6	14.4
-66.25°	14.4	14.4	14.3	14.2	14.1	14.0	13.9	13.7	13.6	13.4	13.2
-67.5°	13.2	13.1	13.0	13.0	12.9	12.8	12.7	12.6	12.4	12.3	12.1
-68.75°	12.0	12.0	11.9	11.8	11.8	11.7	11.6	11.5	11.3	11.2	11.1
-70°	10.9	10.9	10.8	10.8	10.7	10.6	10.5	10.5	10.4	10.3	10.2
-71.25°	10.0	9.9	9.9	9.8	9.8	9.7	9.6	9.5	9.5	9.4	9.3
-72.5°	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5
-73.75°	8.3	8.3	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.8
-75°	7.6	7.6	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.4	7.3
-76.25°	7.2	7.2	7.1	7.1	7.1	7.1	7.1	7.0	7.0	7.0	7.0
-77.5°	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0
-80°	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.4	5.4
-81.25°	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.7	4.7
-82.5°	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
-83.75°	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3
-85°	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.5
-86.25°	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8
-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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°	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5
85°	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2
83.75°	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9
82.5°	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
81.25°	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1
80°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.8
78.75°	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.5	5.4
77.5°	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9
76.25°	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.5	6.4
75°	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8
73.75°	7.7	7.7	7.6	7.5	7.5	7.5	7.4	7.3	7.3	7.2	7.2
72.5°	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5
71.25°	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.2	8.0
70°	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.8	8.7
68.75°	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.7	9.5	9.3
67.5°	12.0	11.8	11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1
66.25°	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.1	10.9
65°	14.2	14.0	13.8	13.6	13.3	13.1	12.9	12.6	12.4	12.1	11.8
63.75°	15.4	15.2	15.0	14.7	14.5	14.2	13.9	13.6	13.3	13.0	12.7
62.5°	16.7	16.4	16.2	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.7
61.25°	17.9	17.7	17.4	17.1	16.8	16.5	16.2	15.8	15.5	15.2	14.8
60°	19.0	18.8	18.6	18.3	18.0	17.7	17.3	17.0	16.6	16.2	15.8
58.75°	19.9	19.7	19.5	19.2	19.0	18.8	18.5	18.1	17.7	17.3	16.9
57.5°	20.7	20.5	20.3	20.1	19.8	19.6	19.3	19.1	18.8	18.4	18.0
56.25°	21.6	21.4	21.2	20.9	20.7	20.4	20.1	19.9	19.6	19.3	18.9
55°	22.5	22.3	22.0	21.8	21.5	21.2	20.9	20.6	20.3	20.0	19.7
53.75°	23.2	23.0	22.8	22.6	22.3	22.0	21.7	21.4	21.1	20.8	20.4
52.5°	23.8	23.6	23.4	23.2	23.0	22.8	22.5	22.2	21.9	21.5	21.2
51.25°	24.4	24.2	24.0	23.9	23.6	23.4	23.1	22.9	22.6	22.3	21.9
50°	24.8	24.7	24.5	24.4	24.2	24.0	23.8	23.5	23.2	22.9	22.6
48.75°	25.4	25.2	25.0	24.8	24.6	24.5	24.2	24.0	23.8	23.5	23.2
47.5°	25.9	25.7	25.5	25.3	25.1	24.9	24.7	24.5	24.3	24.0	23.7
46.25°	26.3	26.2	26.1	25.8	25.6	25.4	25.2	24.9	24.7	24.4	24.2
45°	26.7	26.5	26.4	26.3	26.1	25.9	25.6	25.4	25.1	24.9	24.6
43.75°	26.9	26.8	26.7	26.6	26.5	26.3	26.1	25.9	25.6	25.3	25.0
42.5°	27.1	27.0	27.0	26.9	26.7	26.6	26.4	26.3	26.0	25.8	25.5
41.25°	27.3	27.2	27.1	27.1	27.0	26.9	26.7	26.5	26.4	26.2	25.9
40°	27.6	27.5	27.3	27.2	27.1	27.0	26.9	26.8	26.6	26.5	26.3
38.75°	28.0	27.8	27.7	27.5	27.3	27.2	27.1	27.0	26.9	26.7	26.5
37.5°	28.4	28.2	28.0	27.8	27.6	27.4	27.3	27.2	27.0	26.9	26.8
36.25°	28.9	28.6	28.4	28.1	27.9	27.7	27.5	27.3	27.2	27.1	27.0
35°	29.6	29.1	28.8	28.6	28.3	28.0	27.8	27.6	27.4	27.2	27.1



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	30.7	30.1	29.4	29.0	28.7	28.4	28.1	27.9	27.6	27.4	27.2
32.5°	31.8	31.2	30.5	29.8	29.1	28.8	28.5	28.2	27.9	27.7	27.4
31.25°	34.6	32.8	31.5	30.8	30.1	29.3	28.9	28.6	28.2	27.9	27.7
30°	37.6	35.7	33.7	31.8	31.0	30.2	29.4	28.9	28.6	28.2	27.9
28.75°	41.8	38.5	36.5	34.4	32.2	31.2	30.3	29.5	28.9	28.6	28.2
27.5°	47.5	43.5	39.3	37.0	34.8	32.5	31.2	30.3	29.4	28.9	28.5
26.25°	53.1	48.9	44.6	40.1	37.3	34.9	32.5	31.2	30.2	29.3	28.8
25°	59.6	54.4	49.8	45.2	40.4	37.3	34.8	32.2	31.0	30.1	29.1
23.75°	65.9	60.6	55.1	50.1	45.2	40.1	37.0	34.4	31.8	30.8	29.8
22.5°	72.8	66.7	61.0	55.1	49.8	44.6	39.3	36.5	33.7	31.5	30.5
21.25°	82.9	73.4	66.7	60.6	54.4	48.9	43.5	38.5	35.7	32.8	31.2
20°	101.3	82.9	72.8	65.9	59.6	53.1	47.5	41.8	37.6	34.6	31.8
18.75°	135.4	99.9	80.6	71.3	64.5	57.8	51.4	45.5	39.6	36.4	33.3
17.5°	180.1	130.5	96.3	78.1	69.2	62.3	55.4	49.1	43.0	38.0	34.9
16.25°	231.2	169.4	120.9	90.3	75.0	66.7	59.5	52.5	46.3	40.0	36.4
15°	285.9	213.3	151.7	106.7	82.0	70.8	63.4	56.0	49.3	42.9	37.8
13.75°	343.3	261.0	189.2	131.6	94.3	76.2	67.1	59.5	52.2	45.7	39.1
12.5°	402.5	311.0	229.5	160.7	110.2	82.5	70.5	62.8	55.0	48.2	41.6
11.25°	459.2	359.4	269.0	191.7	130.6	92.5	74.8	65.8	57.9	50.5	43.8
10°	513.1	408.1	310.2	224.2	152.7	102.4	78.8	68.5	60.5	52.6	45.8
8.75°	561.4	452.5	347.5	254.9	176.8	118.3	85.1	71.0	62.8	54.6	47.6
7.5°	603.6	493.3	383.7	283.7	198.0	132.2	92.0	74.0	64.8	56.6	49.1
6.25°	639.4	528.4	415.2	310.5	219.6	145.4	97.8	76.5	66.5	58.2	50.4
5°	667.6	557.1	441.4	332.7	237.8	159.6	104.3	78.6	67.9	59.6	51.5
3.75°	689.9	579.5	462.9	350.1	252.1	170.7	111.6	80.6	69.1	60.6	52.4
2.5°	705.9	595.7	478.5	363.8	262.4	178.8	116.9	83.2	69.9	61.4	53.0
1.25°	715.7	605.5	487.9	372.2	268.6	183.6	120.1	84.7	70.3	61.8	53.4
0°	718.9	608.8	491.1	375.1	270.7	185.2	121.2	85.2	70.5	62.0	53.5
-1.25°	715.7	605.5	487.9	372.2	268.6	183.6	120.1	84.7	70.3	61.8	53.4
-2.5°	705.9	595.7	478.5	363.8	262.4	178.8	116.9	83.2	69.9	61.4	53.0
-3.75°	689.9	579.5	462.9	350.1	252.1	170.7	111.6	80.6	69.1	60.6	52.4
-5°	667.6	557.1	441.4	332.7	237.8	159.6	104.3	78.6	67.9	59.6	51.5
-6.25°	639.4	528.4	415.2	310.5	219.6	145.4	97.8	76.5	66.5	58.2	50.4
-7.5°	603.6	493.3	383.7	283.7	198.0	132.2	92.0	74.0	64.8	56.6	49.1
-8.75°	561.4	452.5	347.5	254.9	176.8	118.3	85.1	71.0	62.8	54.6	47.6
-10°	513.1	408.1	310.2	224.2	152.7	102.4	78.8	68.5	60.5	52.6	45.8
-11.25°	459.2	359.4	269.0	191.7	130.6	92.5	74.8	65.8	57.9	50.5	43.8
-12.5°	402.5	311.0	229.5	160.7	110.2	82.5	70.5	62.8	55.0	48.2	41.6
-13.75°	343.3	261.0	189.2	131.6	94.3	76.2	67.1	59.5	52.2	45.7	39.1
-15°	285.9	213.3	151.7	106.7	82.0	70.8	63.4	56.0	49.3	42.9	37.8
-16.25°	231.2	169.4	120.9	90.3	75.0	66.7	59.5	52.5	46.3	40.0	36.4
-17.5°	180.1	130.5	96.3	78.1	69.2	62.3	55.4	49.1	43.0	38.0	34.9
-18.75°	135.4	99.9	80.6	71.3	64.5	57.8	51.4	45.5	39.6	36.4	33.3
-20°	101.3	82.9	72.8	65.9	59.6	53.1	47.5	41.8	37.6	34.6	31.8
-21.25°	82.9	73.4	66.7	60.6	54.4	48.9	43.5	38.5	35.7	32.8	31.2



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	72.8	66.7	61.0	55.1	49.8	44.6	39.3	36.5	33.7	31.5	30.5
-23.75°	65.9	60.6	55.1	50.1	45.2	40.1	37.0	34.4	31.8	30.8	29.8
-25°	59.6	54.4	49.8	45.2	40.4	37.3	34.8	32.2	31.0	30.1	29.1
-26.25°	53.1	48.9	44.6	40.1	37.3	34.9	32.5	31.2	30.2	29.3	28.8
-27.5°	47.5	43.5	39.3	37.0	34.8	32.5	31.2	30.3	29.4	28.9	28.5
-28.75°	41.8	38.5	36.5	34.4	32.2	31.2	30.3	29.5	28.9	28.6	28.2
-30°	37.6	35.7	33.7	31.8	31.0	30.2	29.4	28.9	28.6	28.2	27.9
-31.25°	34.6	32.8	31.5	30.8	30.1	29.3	28.9	28.6	28.2	27.9	27.7
-32.5°	31.8	31.2	30.5	29.8	29.1	28.8	28.5	28.2	27.9	27.7	27.4
-33.75°	30.7	30.1	29.4	29.0	28.7	28.4	28.1	27.9	27.6	27.4	27.2
-35°	29.6	29.1	28.8	28.6	28.3	28.0	27.8	27.6	27.4	27.2	27.1
-36.25°	28.9	28.6	28.4	28.1	27.9	27.7	27.5	27.3	27.2	27.1	27.0
-37.5°	28.4	28.2	28.0	27.8	27.6	27.4	27.3	27.2	27.0	26.9	26.8
-38.75°	28.0	27.8	27.7	27.5	27.3	27.2	27.1	27.0	26.9	26.7	26.5
-40°	27.6	27.5	27.3	27.2	27.1	27.0	26.9	26.8	26.6	26.5	26.3
-41.25°	27.3	27.2	27.1	27.1	27.0	26.9	26.7	26.5	26.4	26.2	25.9
-42.5°	27.1	27.0	27.0	26.9	26.7	26.6	26.4	26.3	26.0	25.8	25.5
-43.75°	26.9	26.8	26.7	26.6	26.5	26.3	26.1	25.9	25.6	25.3	25.0
-45°	26.7	26.5	26.4	26.3	26.1	25.9	25.6	25.4	25.1	24.9	24.6
-46.25°	26.3	26.2	26.1	25.8	25.6	25.4	25.2	24.9	24.7	24.4	24.2
-47.5°	25.9	25.7	25.5	25.3	25.1	24.9	24.7	24.5	24.3	24.0	23.7
-48.75°	25.4	25.2	25.0	24.8	24.6	24.5	24.2	24.0	23.8	23.5	23.2
-50°	24.8	24.7	24.5	24.4	24.2	24.0	23.8	23.5	23.2	22.9	22.6
-51.25°	24.4	24.2	24.0	23.9	23.6	23.4	23.1	22.9	22.6	22.3	21.9
-52.5°	23.8	23.6	23.4	23.2	23.0	22.8	22.5	22.2	21.9	21.5	21.2
-53.75°	23.2	23.0	22.8	22.6	22.3	22.0	21.7	21.4	21.1	20.8	20.4
-55°	22.5	22.3	22.0	21.8	21.5	21.2	20.9	20.6	20.3	20.0	19.7
-56.25°	21.6	21.4	21.2	20.9	20.7	20.4	20.1	19.9	19.6	19.3	18.9
-57.5°	20.7	20.5	20.3	20.1	19.8	19.6	19.3	19.1	18.8	18.4	18.0
-58.75°	19.9	19.7	19.5	19.2	19.0	18.8	18.5	18.1	17.7	17.3	16.9
-60°	19.0	18.8	18.6	18.3	18.0	17.7	17.3	17.0	16.6	16.2	15.8
-61.25°	17.9	17.7	17.4	17.1	16.8	16.5	16.2	15.8	15.5	15.2	14.8
-62.5°	16.7	16.4	16.2	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.7
-63.75°	15.4	15.2	15.0	14.7	14.5	14.2	13.9	13.6	13.3	13.0	12.7
-65°	14.2	14.0	13.8	13.6	13.3	13.1	12.9	12.6	12.4	12.1	11.8
-66.25°	13.1	12.9	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.1	10.9
-67.5°	12.0	11.8	11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1
-68.75°	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.7	9.5	9.3
-70°	10.0	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.8	8.7
-71.25°	9.2	9.1	9.0	8.9	8.8	8.7	8.5	8.4	8.3	8.2	8.0
-72.5°	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6	7.5
-73.75°	7.7	7.7	7.6	7.5	7.5	7.5	7.4	7.3	7.3	7.2	7.2
-75°	7.3	7.3	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9	6.8
-76.25°	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.5	6.4
-77.5°	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.1	6.0	5.9



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.5	5.4
-80°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.8
-81.25°	4.6	4.6	4.5	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.1
-82.5°	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
-83.75°	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9
-85°	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.2	2.2
-86.25°	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	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°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2
85°	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.7
83.75°	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3
82.5°	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8
81.25°	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3
80°	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8
78.75°	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4
77.5°	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
76.25°	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4
75°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
73.75°	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
72.5°	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6
71.25°	7.9	7.8	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9
70°	8.5	8.4	8.2	8.0	7.9	7.7	7.6	7.5	7.4	7.3	7.2
68.75°	9.1	9.0	8.8	8.6	8.5	8.3	8.1	7.9	7.7	7.6	7.4
67.5°	9.9	9.7	9.5	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8
66.25°	10.7	10.4	10.2	10.0	9.7	9.5	9.2	9.0	8.7	8.5	8.3
65°	11.5	11.2	10.9	10.7	10.4	10.2	9.9	9.6	9.3	9.0	8.8
63.75°	12.5	12.1	11.8	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.3
62.5°	13.4	13.0	12.7	12.4	12.0	11.7	11.3	10.9	10.6	10.3	10.0
61.25°	14.4	14.0	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.9	10.6
60°	15.4	15.0	14.6	14.2	13.8	13.3	12.9	12.5	12.1	11.6	11.2
58.75°	16.5	16.1	15.6	15.2	14.7	14.3	13.8	13.3	12.8	12.4	11.9
57.5°	17.6	17.1	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.1	12.7
56.25°	18.6	18.1	17.6	17.1	16.6	16.1	15.6	15.0	14.5	14.0	13.4
55°	19.3	19.0	18.6	18.1	17.6	17.0	16.5	15.9	15.4	14.8	14.2
53.75°	20.1	19.7	19.3	19.0	18.6	18.0	17.4	16.8	16.2	15.6	15.0
52.5°	20.8	20.4	20.0	19.6	19.2	18.8	18.3	17.7	17.1	16.4	15.8
51.25°	21.5	21.1	20.7	20.3	19.9	19.5	19.0	18.6	17.9	17.3	16.6
50°	22.3	21.8	21.4	21.0	20.6	20.1	19.7	19.2	18.7	18.1	17.4
48.75°	22.8	22.5	22.1	21.7	21.2	20.8	20.3	19.8	19.3	18.8	18.2
47.5°	23.4	23.1	22.7	22.3	21.9	21.4	20.9	20.4	19.9	19.4	18.9
46.25°	23.9	23.6	23.2	22.9	22.5	22.0	21.5	21.0	20.5	19.9	19.4
45°	24.3	24.1	23.8	23.4	23.0	22.6	22.1	21.6	21.0	20.5	19.9
43.75°	24.7	24.5	24.2	23.9	23.5	23.1	22.6	22.2	21.6	21.0	20.5
42.5°	25.1	24.8	24.6	24.3	23.9	23.5	23.1	22.7	22.2	21.6	21.0
41.25°	25.6	25.2	24.9	24.6	24.3	24.0	23.6	23.1	22.6	22.1	21.5
40°	26.0	25.7	25.3	25.0	24.6	24.3	24.0	23.5	23.1	22.6	22.0
38.75°	26.3	26.1	25.7	25.3	25.0	24.6	24.3	23.9	23.5	23.0	22.5
37.5°	26.6	26.3	26.1	25.7	25.3	25.0	24.6	24.3	23.9	23.4	22.9
36.25°	26.8	26.6	26.4	26.1	25.7	25.3	24.9	24.6	24.2	23.8	23.2
35°	27.0	26.8	26.6	26.3	26.1	25.7	25.2	24.8	24.5	24.1	23.6



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	27.1	27.0	26.8	26.6	26.3	26.0	25.6	25.1	24.7	24.3	23.9
32.5°	27.2	27.1	27.0	26.8	26.5	26.3	25.9	25.5	25.0	24.6	24.2
31.25°	27.4	27.2	27.1	26.9	26.7	26.5	26.2	25.8	25.3	24.9	24.4
30°	27.6	27.4	27.2	27.0	26.9	26.6	26.4	26.0	25.6	25.1	24.7
28.75°	27.9	27.6	27.3	27.2	27.0	26.8	26.5	26.3	25.9	25.4	24.9
27.5°	28.1	27.8	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.6	25.2
26.25°	28.4	28.0	27.7	27.4	27.2	27.0	26.9	26.6	26.3	25.9	25.4
25°	28.7	28.3	27.9	27.6	27.3	27.1	27.0	26.7	26.5	26.1	25.6
23.75°	29.0	28.6	28.1	27.8	27.5	27.2	27.1	26.9	26.6	26.3	25.8
22.5°	29.4	28.8	28.4	28.0	27.7	27.3	27.1	27.0	26.7	26.4	26.1
21.25°	30.1	29.1	28.6	28.2	27.8	27.5	27.2	27.0	26.8	26.5	26.2
20°	30.7	29.6	28.9	28.4	28.0	27.6	27.3	27.1	26.9	26.7	26.3
18.75°	31.3	30.1	29.1	28.6	28.1	27.8	27.4	27.2	27.0	26.8	26.5
17.5°	31.9	30.7	29.5	28.8	28.3	27.9	27.6	27.2	27.1	26.9	26.6
16.25°	33.2	31.2	30.0	29.0	28.5	28.1	27.7	27.3	27.1	26.9	26.6
15°	34.6	31.7	30.5	29.2	28.7	28.2	27.8	27.4	27.2	27.0	26.7
13.75°	35.8	32.5	30.9	29.6	28.9	28.4	27.9	27.5	27.2	27.0	26.8
12.5°	37.0	33.6	31.3	30.0	29.0	28.5	28.0	27.6	27.3	27.1	26.9
11.25°	38.1	34.7	31.7	30.4	29.2	28.6	28.1	27.7	27.3	27.1	26.9
10°	39.0	35.6	32.1	30.7	29.4	28.7	28.2	27.8	27.4	27.2	27.0
8.75°	40.6	36.4	32.9	31.0	29.7	28.9	28.3	27.9	27.5	27.2	27.0
7.5°	42.1	37.1	33.6	31.2	29.9	28.9	28.4	27.9	27.5	27.2	27.0
6.25°	43.4	37.7	34.2	31.4	30.1	29.0	28.5	28.0	27.6	27.2	27.0
5°	44.4	38.2	34.6	31.6	30.3	29.1	28.5	28.0	27.6	27.3	27.1
3.75°	45.2	38.6	35.0	31.7	30.4	29.1	28.6	28.1	27.7	27.3	27.1
2.5°	45.8	38.9	35.3	31.8	30.5	29.2	28.6	28.1	27.7	27.3	27.1
1.25°	46.2	39.0	35.4	31.9	30.5	29.2	28.6	28.1	27.7	27.3	27.1
0°	46.3	39.1	35.5	31.9	30.6	29.2	28.7	28.1	27.7	27.3	27.1
-1.25°	46.2	39.0	35.4	31.9	30.5	29.2	28.6	28.1	27.7	27.3	27.1
-2.5°	45.8	38.9	35.3	31.8	30.5	29.2	28.6	28.1	27.7	27.3	27.1
-3.75°	45.2	38.6	35.0	31.7	30.4	29.1	28.6	28.1	27.7	27.3	27.1
-5°	44.4	38.2	34.6	31.6	30.3	29.1	28.5	28.0	27.6	27.3	27.1
-6.25°	43.4	37.7	34.2	31.4	30.1	29.0	28.5	28.0	27.6	27.2	27.0
-7.5°	42.1	37.1	33.6	31.2	29.9	28.9	28.4	27.9	27.5	27.2	27.0
-8.75°	40.6	36.4	32.9	31.0	29.7	28.9	28.3	27.9	27.5	27.2	27.0
-10°	39.0	35.6	32.1	30.7	29.4	28.7	28.2	27.8	27.4	27.2	27.0
-11.25°	38.1	34.7	31.7	30.4	29.2	28.6	28.1	27.7	27.3	27.1	26.9
-12.5°	37.0	33.6	31.3	30.0	29.0	28.5	28.0	27.6	27.3	27.1	26.9
-13.75°	35.8	32.5	30.9	29.6	28.9	28.4	27.9	27.5	27.2	27.0	26.8
-15°	34.6	31.7	30.5	29.2	28.7	28.2	27.8	27.4	27.2	27.0	26.7
-16.25°	33.2	31.2	30.0	29.0	28.5	28.1	27.7	27.3	27.1	26.9	26.6
-17.5°	31.9	30.7	29.5	28.8	28.3	27.9	27.6	27.2	27.1	26.9	26.6
-18.75°	31.3	30.1	29.1	28.6	28.1	27.8	27.4	27.2	27.0	26.8	26.5
-20°	30.7	29.6	28.9	28.4	28.0	27.6	27.3	27.1	26.9	26.7	26.3
-21.25°	30.1	29.1	28.6	28.2	27.8	27.5	27.2	27.0	26.8	26.5	26.2



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	29.4	28.8	28.4	28.0	27.7	27.3	27.1	27.0	26.7	26.4	26.1
-23.75°	29.0	28.6	28.1	27.8	27.5	27.2	27.1	26.9	26.6	26.3	25.8
-25°	28.7	28.3	27.9	27.6	27.3	27.1	27.0	26.7	26.5	26.1	25.6
-26.25°	28.4	28.0	27.7	27.4	27.2	27.0	26.9	26.6	26.3	25.9	25.4
-27.5°	28.1	27.8	27.5	27.3	27.1	26.9	26.7	26.4	26.1	25.6	25.2
-28.75°	27.9	27.6	27.3	27.2	27.0	26.8	26.5	26.3	25.9	25.4	24.9
-30°	27.6	27.4	27.2	27.0	26.9	26.6	26.4	26.0	25.6	25.1	24.7
-31.25°	27.4	27.2	27.1	26.9	26.7	26.5	26.2	25.8	25.3	24.9	24.4
-32.5°	27.2	27.1	27.0	26.8	26.5	26.3	25.9	25.5	25.0	24.6	24.2
-33.75°	27.1	27.0	26.8	26.6	26.3	26.0	25.6	25.1	24.7	24.3	23.9
-35°	27.0	26.8	26.6	26.3	26.1	25.7	25.2	24.8	24.5	24.1	23.6
-36.25°	26.8	26.6	26.4	26.1	25.7	25.3	24.9	24.6	24.2	23.8	23.2
-37.5°	26.6	26.3	26.1	25.7	25.3	25.0	24.6	24.3	23.9	23.4	22.9
-38.75°	26.3	26.1	25.7	25.3	25.0	24.6	24.3	23.9	23.5	23.0	22.5
-40°	26.0	25.7	25.3	25.0	24.6	24.3	24.0	23.5	23.1	22.6	22.0
-41.25°	25.6	25.2	24.9	24.6	24.3	24.0	23.6	23.1	22.6	22.1	21.5
-42.5°	25.1	24.8	24.6	24.3	23.9	23.5	23.1	22.7	22.2	21.6	21.0
-43.75°	24.7	24.5	24.2	23.9	23.5	23.1	22.6	22.2	21.6	21.0	20.5
-45°	24.3	24.1	23.8	23.4	23.0	22.6	22.1	21.6	21.0	20.5	19.9
-46.25°	23.9	23.6	23.2	22.9	22.5	22.0	21.5	21.0	20.5	19.9	19.4
-47.5°	23.4	23.1	22.7	22.3	21.9	21.4	20.9	20.4	19.9	19.4	18.9
-48.75°	22.8	22.5	22.1	21.7	21.2	20.8	20.3	19.8	19.3	18.8	18.2
-50°	22.3	21.8	21.4	21.0	20.6	20.1	19.7	19.2	18.7	18.1	17.4
-51.25°	21.5	21.1	20.7	20.3	19.9	19.5	19.0	18.6	17.9	17.3	16.6
-52.5°	20.8	20.4	20.0	19.6	19.2	18.8	18.3	17.7	17.1	16.4	15.8
-53.75°	20.1	19.7	19.3	19.0	18.6	18.0	17.4	16.8	16.2	15.6	15.0
-55°	19.3	19.0	18.6	18.1	17.6	17.0	16.5	15.9	15.4	14.8	14.2
-56.25°	18.6	18.1	17.6	17.1	16.6	16.1	15.6	15.0	14.5	14.0	13.4
-57.5°	17.6	17.1	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.1	12.7
-58.75°	16.5	16.1	15.6	15.2	14.7	14.3	13.8	13.3	12.8	12.4	11.9
-60°	15.4	15.0	14.6	14.2	13.8	13.3	12.9	12.5	12.1	11.6	11.2
-61.25°	14.4	14.0	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.9	10.6
-62.5°	13.4	13.0	12.7	12.4	12.0	11.7	11.3	10.9	10.6	10.3	10.0
-63.75°	12.5	12.1	11.8	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.3
-65°	11.5	11.2	10.9	10.7	10.4	10.2	9.9	9.6	9.3	9.0	8.8
-66.25°	10.7	10.4	10.2	10.0	9.7	9.5	9.2	9.0	8.7	8.5	8.3
-67.5°	9.9	9.7	9.5	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8
-68.75°	9.1	9.0	8.8	8.6	8.5	8.3	8.1	7.9	7.7	7.6	7.4
-70°	8.5	8.4	8.2	8.0	7.9	7.7	7.6	7.5	7.4	7.3	7.2
-71.25°	7.9	7.8	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9
-72.5°	7.4	7.4	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.6
-73.75°	7.1	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2
-75°	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8
-76.25°	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4
-77.5°	5.9	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.7	4.6	4.5	4.4
-80°	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8
-81.25°	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3
-82.5°	3.4	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8
-83.75°	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.3
-85°	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.7
-86.25°	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	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°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1
83.75°	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.6	1.5
82.5°	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9
81.25°	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
80°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
78.75°	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1
77.5°	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.4
76.25°	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.1	3.9	3.8
75°	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	4.2
73.75°	6.1	6.0	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.5
72.5°	6.5	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9
71.25°	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.2
70°	7.1	7.0	6.9	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6
68.75°	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.2	6.1	5.9
67.5°	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.5	6.3	6.2
66.25°	8.1	7.8	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.6	6.4
65°	8.6	8.3	8.1	7.8	7.6	7.4	7.3	7.1	7.0	6.9	6.7
63.75°	9.0	8.8	8.5	8.2	8.0	7.7	7.5	7.4	7.2	7.0	6.9
62.5°	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.4	7.2	7.1
61.25°	10.2	9.9	9.5	9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.3
60°	10.8	10.4	10.0	9.7	9.3	8.9	8.6	8.3	8.0	7.6	7.4
58.75°	11.5	11.0	10.6	10.2	9.8	9.4	9.0	8.7	8.3	8.0	7.6
57.5°	12.2	11.7	11.2	10.7	10.3	9.9	9.4	9.0	8.7	8.3	8.0
56.25°	12.9	12.4	11.8	11.3	10.8	10.4	9.9	9.5	9.0	8.7	8.3
55°	13.6	13.0	12.5	12.0	11.4	10.9	10.4	9.9	9.4	9.0	8.6
53.75°	14.4	13.8	13.2	12.6	12.0	11.4	10.9	10.4	9.9	9.4	8.9
52.5°	15.2	14.5	13.9	13.2	12.6	12.0	11.4	10.8	10.3	9.8	9.3
51.25°	15.9	15.2	14.6	13.9	13.2	12.6	12.0	11.3	10.7	10.2	9.7
50°	16.7	16.0	15.3	14.6	13.9	13.2	12.5	11.8	11.2	10.6	10.0
48.75°	17.5	16.7	16.0	15.2	14.5	13.8	13.0	12.4	11.7	11.0	10.4
47.5°	18.2	17.5	16.7	15.9	15.2	14.4	13.6	12.9	12.2	11.5	10.8
46.25°	18.9	18.2	17.4	16.6	15.8	15.0	14.2	13.4	12.7	11.9	11.2
45°	19.4	18.8	18.1	17.3	16.4	15.6	14.8	14.0	13.1	12.4	11.6
43.75°	19.9	19.3	18.7	17.9	17.1	16.2	15.4	14.5	13.7	12.8	12.1
42.5°	20.4	19.8	19.2	18.6	17.7	16.8	15.9	15.0	14.2	13.3	12.5
41.25°	20.9	20.3	19.7	19.0	18.3	17.4	16.5	15.6	14.7	13.8	12.9
40°	21.4	20.8	20.1	19.5	18.8	18.0	17.0	16.1	15.2	14.3	13.3
38.75°	21.9	21.2	20.6	19.9	19.2	18.6	17.6	16.6	15.7	14.7	13.8
37.5°	22.3	21.7	21.0	20.3	19.6	19.0	18.1	17.1	16.1	15.2	14.2
36.25°	22.7	22.1	21.4	20.7	20.0	19.3	18.6	17.6	16.6	15.6	14.6
35°	23.1	22.5	21.8	21.1	20.4	19.7	19.0	18.1	17.1	16.1	15.0



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	23.4	22.8	22.3	21.5	20.8	20.1	19.3	18.6	17.6	16.5	15.4
32.5°	23.7	23.2	22.6	21.9	21.2	20.4	19.7	18.9	18.0	16.9	15.8
31.25°	24.0	23.5	22.9	22.3	21.5	20.8	20.0	19.3	18.4	17.3	16.2
30°	24.3	23.8	23.2	22.6	21.9	21.1	20.3	19.6	18.8	17.7	16.6
28.75°	24.5	24.0	23.5	22.9	22.2	21.4	20.6	19.9	19.1	18.1	17.0
27.5°	24.7	24.2	23.8	23.1	22.5	21.7	20.9	20.1	19.3	18.5	17.3
26.25°	24.9	24.5	24.0	23.4	22.8	22.0	21.2	20.4	19.6	18.8	17.7
25°	25.1	24.6	24.2	23.6	23.0	22.3	21.5	20.7	19.8	19.0	18.0
23.75°	25.3	24.8	24.4	23.9	23.2	22.6	21.8	20.9	20.1	19.2	18.3
22.5°	25.5	25.0	24.5	24.0	23.4	22.8	22.0	21.2	20.3	19.5	18.6
21.25°	25.7	25.2	24.7	24.2	23.6	23.0	22.3	21.4	20.5	19.7	18.8
20°	25.9	25.4	24.8	24.4	23.8	23.2	22.5	21.6	20.7	19.9	19.0
18.75°	26.1	25.5	25.0	24.5	24.0	23.3	22.6	21.8	20.9	20.1	19.2
17.5°	26.2	25.7	25.1	24.6	24.1	23.5	22.8	22.0	21.1	20.2	19.3
16.25°	26.3	25.9	25.3	24.8	24.2	23.7	22.9	22.2	21.3	20.4	19.5
15°	26.4	26.0	25.4	24.9	24.3	23.8	23.1	22.4	21.5	20.6	19.6
13.75°	26.5	26.1	25.5	25.0	24.5	23.9	23.2	22.5	21.6	20.7	19.8
12.5°	26.6	26.2	25.7	25.1	24.5	24.0	23.3	22.6	21.7	20.8	19.9
11.25°	26.6	26.3	25.8	25.2	24.6	24.1	23.4	22.7	21.9	20.9	20.0
10°	26.7	26.3	25.9	25.3	24.7	24.2	23.5	22.8	22.0	21.0	20.1
8.75°	26.7	26.4	25.9	25.3	24.8	24.2	23.6	22.9	22.1	21.1	20.2
7.5°	26.8	26.4	26.0	25.4	24.8	24.3	23.7	23.0	22.2	21.2	20.3
6.25°	26.8	26.5	26.1	25.5	24.9	24.3	23.8	23.0	22.2	21.3	20.4
5°	26.8	26.5	26.1	25.5	24.9	24.4	23.8	23.1	22.3	21.3	20.4
3.75°	26.9	26.5	26.2	25.6	25.0	24.4	23.8	23.1	22.3	21.4	20.4
2.5°	26.9	26.5	26.2	25.6	25.0	24.4	23.9	23.1	22.4	21.4	20.5
1.25°	26.9	26.5	26.2	25.6	25.0	24.4	23.9	23.1	22.4	21.4	20.5
0°	26.9	26.6	26.2	25.6	25.0	24.5	23.9	23.2	22.4	21.5	20.5
-1.25°	26.9	26.5	26.2	25.6	25.0	24.4	23.9	23.1	22.4	21.4	20.5
-2.5°	26.9	26.5	26.2	25.6	25.0	24.4	23.9	23.1	22.4	21.4	20.5
-3.75°	26.9	26.5	26.2	25.6	25.0	24.4	23.8	23.1	22.3	21.4	20.4
-5°	26.8	26.5	26.1	25.5	24.9	24.4	23.8	23.1	22.3	21.3	20.4
-6.25°	26.8	26.5	26.1	25.5	24.9	24.3	23.8	23.0	22.2	21.3	20.4
-7.5°	26.8	26.4	26.0	25.4	24.8	24.3	23.7	23.0	22.2	21.2	20.3
-8.75°	26.7	26.4	25.9	25.3	24.8	24.2	23.6	22.9	22.1	21.1	20.2
-10°	26.7	26.3	25.9	25.3	24.7	24.2	23.5	22.8	22.0	21.0	20.1
-11.25°	26.6	26.3	25.8	25.2	24.6	24.1	23.4	22.7	21.9	20.9	20.0
-12.5°	26.6	26.2	25.7	25.1	24.5	24.0	23.3	22.6	21.7	20.8	19.9
-13.75°	26.5	26.1	25.5	25.0	24.5	23.9	23.2	22.5	21.6	20.7	19.8
-15°	26.4	26.0	25.4	24.9	24.3	23.8	23.1	22.4	21.5	20.6	19.6
-16.25°	26.3	25.9	25.3	24.8	24.2	23.7	22.9	22.2	21.3	20.4	19.5
-17.5°	26.2	25.7	25.1	24.6	24.1	23.5	22.8	22.0	21.1	20.2	19.3
-18.75°	26.1	25.5	25.0	24.5	24.0	23.3	22.6	21.8	20.9	20.1	19.2
-20°	25.9	25.4	24.8	24.4	23.8	23.2	22.5	21.6	20.7	19.9	19.0
-21.25°	25.7	25.2	24.7	24.2	23.6	23.0	22.3	21.4	20.5	19.7	18.8



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	25.5	25.0	24.5	24.0	23.4	22.8	22.0	21.2	20.3	19.5	18.6
-23.75°	25.3	24.8	24.4	23.9	23.2	22.6	21.8	20.9	20.1	19.2	18.3
-25°	25.1	24.6	24.2	23.6	23.0	22.3	21.5	20.7	19.8	19.0	18.0
-26.25°	24.9	24.5	24.0	23.4	22.8	22.0	21.2	20.4	19.6	18.8	17.7
-27.5°	24.7	24.2	23.8	23.1	22.5	21.7	20.9	20.1	19.3	18.5	17.3
-28.75°	24.5	24.0	23.5	22.9	22.2	21.4	20.6	19.9	19.1	18.1	17.0
-30°	24.3	23.8	23.2	22.6	21.9	21.1	20.3	19.6	18.8	17.7	16.6
-31.25°	24.0	23.5	22.9	22.3	21.5	20.8	20.0	19.3	18.4	17.3	16.2
-32.5°	23.7	23.2	22.6	21.9	21.2	20.4	19.7	18.9	18.0	16.9	15.8
-33.75°	23.4	22.8	22.3	21.5	20.8	20.1	19.3	18.6	17.6	16.5	15.4
-35°	23.1	22.5	21.8	21.1	20.4	19.7	19.0	18.1	17.1	16.1	15.0
-36.25°	22.7	22.1	21.4	20.7	20.0	19.3	18.6	17.6	16.6	15.6	14.6
-37.5°	22.3	21.7	21.0	20.3	19.6	19.0	18.1	17.1	16.1	15.2	14.2
-38.75°	21.9	21.2	20.6	19.9	19.2	18.6	17.6	16.6	15.7	14.7	13.8
-40°	21.4	20.8	20.1	19.5	18.8	18.0	17.0	16.1	15.2	14.3	13.3
-41.25°	20.9	20.3	19.7	19.0	18.3	17.4	16.5	15.6	14.7	13.8	12.9
-42.5°	20.4	19.8	19.2	18.6	17.7	16.8	15.9	15.0	14.2	13.3	12.5
-43.75°	19.9	19.3	18.7	17.9	17.1	16.2	15.4	14.5	13.7	12.8	12.1
-45°	19.4	18.8	18.1	17.3	16.4	15.6	14.8	14.0	13.1	12.4	11.6
-46.25°	18.9	18.2	17.4	16.6	15.8	15.0	14.2	13.4	12.7	11.9	11.2
-47.5°	18.2	17.5	16.7	15.9	15.2	14.4	13.6	12.9	12.2	11.5	10.8
-48.75°	17.5	16.7	16.0	15.2	14.5	13.8	13.0	12.4	11.7	11.0	10.4
-50°	16.7	16.0	15.3	14.6	13.9	13.2	12.5	11.8	11.2	10.6	10.0
-51.25°	15.9	15.2	14.6	13.9	13.2	12.6	12.0	11.3	10.7	10.2	9.7
-52.5°	15.2	14.5	13.9	13.2	12.6	12.0	11.4	10.8	10.3	9.8	9.3
-53.75°	14.4	13.8	13.2	12.6	12.0	11.4	10.9	10.4	9.9	9.4	8.9
-55°	13.6	13.0	12.5	12.0	11.4	10.9	10.4	9.9	9.4	9.0	8.6
-56.25°	12.9	12.4	11.8	11.3	10.8	10.4	9.9	9.5	9.0	8.7	8.3
-57.5°	12.2	11.7	11.2	10.7	10.3	9.9	9.4	9.0	8.7	8.3	8.0
-58.75°	11.5	11.0	10.6	10.2	9.8	9.4	9.0	8.7	8.3	8.0	7.6
-60°	10.8	10.4	10.0	9.7	9.3	8.9	8.6	8.3	8.0	7.6	7.4
-61.25°	10.2	9.9	9.5	9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.3
-62.5°	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.4	7.2	7.1
-63.75°	9.0	8.8	8.5	8.2	8.0	7.7	7.5	7.4	7.2	7.0	6.9
-65°	8.6	8.3	8.1	7.8	7.6	7.4	7.3	7.1	7.0	6.9	6.7
-66.25°	8.1	7.8	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.6	6.4
-67.5°	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.5	6.3	6.2
-68.75°	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.4	6.2	6.1	5.9
-70°	7.1	7.0	6.9	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6
-71.25°	6.8	6.7	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.2
-72.5°	6.5	6.3	6.2	6.1	5.9	5.8	5.7	5.5	5.3	5.1	4.9
-73.75°	6.1	6.0	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.5
-75°	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-76.25°	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.1	3.9	3.8
-77.5°	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.4



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1
-80°	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-81.25°	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-82.5°	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9
-83.75°	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.6	1.5
-85°	1.7	1.6	1.6	1.5	1.4	1.4	1.3	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	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°	1.4	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
82.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9
81.25°	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1
80°	2.6	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3
78.75°	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.5
77.5°	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7
76.25°	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1	1.9
75°	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.2
73.75°	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4
72.5°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6
71.25°	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.3	3.0	2.8
70°	5.4	5.2	4.9	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0
68.75°	5.7	5.5	5.2	5.0	4.7	4.5	4.2	4.0	3.7	3.5	3.2
67.5°	6.0	5.8	5.5	5.3	5.0	4.8	4.5	4.2	3.9	3.7	3.4
66.25°	6.2	6.0	5.8	5.6	5.3	5.0	4.7	4.5	4.2	3.9	3.6
65°	6.5	6.3	6.0	5.8	5.6	5.3	5.0	4.7	4.4	4.1	3.8
63.75°	6.7	6.5	6.3	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0
62.5°	6.9	6.7	6.5	6.3	6.0	5.8	5.5	5.2	4.8	4.5	4.2
61.25°	7.1	6.9	6.7	6.5	6.2	6.0	5.7	5.4	5.0	4.7	4.3
60°	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.2	4.9	4.5
58.75°	7.4	7.2	7.0	6.9	6.6	6.3	6.1	5.8	5.5	5.1	4.7
57.5°	7.6	7.4	7.2	7.0	6.8	6.5	6.2	6.0	5.7	5.3	4.9
56.25°	7.9	7.6	7.4	7.1	6.9	6.7	6.4	6.1	5.8	5.5	5.1
55°	8.2	7.8	7.5	7.3	7.1	6.9	6.6	6.3	6.0	5.7	5.2
53.75°	8.5	8.1	7.7	7.4	7.2	7.0	6.7	6.4	6.1	5.8	5.4
52.5°	8.8	8.4	8.0	7.6	7.3	7.1	6.9	6.6	6.3	5.9	5.6
51.25°	9.1	8.7	8.2	7.8	7.5	7.2	7.0	6.7	6.4	6.1	5.7
50°	9.5	9.0	8.5	8.1	7.6	7.4	7.1	6.9	6.5	6.2	5.9
48.75°	9.9	9.3	8.8	8.3	7.8	7.5	7.2	7.0	6.7	6.3	6.0
47.5°	10.2	9.6	9.0	8.6	8.1	7.6	7.3	7.1	6.8	6.5	6.1
46.25°	10.6	10.0	9.3	8.8	8.3	7.8	7.4	7.2	6.9	6.6	6.2
45°	10.9	10.3	9.7	9.0	8.5	8.0	7.6	7.3	7.0	6.7	6.3
43.75°	11.3	10.6	10.0	9.3	8.7	8.2	7.7	7.4	7.1	6.8	6.4
42.5°	11.7	10.9	10.3	9.6	9.0	8.4	7.9	7.5	7.2	6.9	6.5
41.25°	12.1	11.3	10.6	9.9	9.2	8.6	8.1	7.6	7.3	7.0	6.6
40°	12.5	11.7	10.9	10.2	9.5	8.8	8.3	7.7	7.4	7.1	6.7
38.75°	12.9	12.0	11.2	10.4	9.7	9.0	8.5	7.9	7.4	7.1	6.8
37.5°	13.2	12.4	11.5	10.7	10.0	9.2	8.6	8.0	7.5	7.2	6.9
36.25°	13.6	12.7	11.8	10.9	10.2	9.5	8.8	8.2	7.6	7.3	7.0
35°	14.0	13.0	12.1	11.2	10.4	9.7	9.0	8.4	7.8	7.4	7.0



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	14.4	13.4	12.5	11.5	10.7	9.9	9.1	8.5	7.9	7.4	7.1
32.5°	14.8	13.7	12.7	11.8	10.9	10.1	9.3	8.7	8.0	7.5	7.2
31.25°	15.2	14.1	13.0	12.1	11.1	10.3	9.5	8.8	8.2	7.6	7.2
30°	15.5	14.4	13.3	12.4	11.4	10.5	9.7	8.9	8.3	7.7	7.3
28.75°	15.8	14.7	13.6	12.6	11.6	10.7	9.9	9.1	8.4	7.8	7.3
27.5°	16.2	15.0	13.9	12.9	11.9	10.9	10.1	9.2	8.5	7.9	7.4
26.25°	16.5	15.3	14.2	13.1	12.1	11.1	10.2	9.4	8.7	8.0	7.5
25°	16.8	15.6	14.5	13.3	12.3	11.3	10.4	9.5	8.8	8.1	7.5
23.75°	17.1	15.9	14.7	13.6	12.5	11.5	10.5	9.7	8.9	8.2	7.5
22.5°	17.4	16.2	15.0	13.8	12.7	11.6	10.7	9.8	9.0	8.3	7.6
21.25°	17.7	16.4	15.2	14.0	12.9	11.8	10.8	9.9	9.1	8.4	7.7
20°	17.9	16.7	15.4	14.2	13.1	12.0	10.9	10.0	9.2	8.4	7.7
18.75°	18.2	16.9	15.7	14.4	13.2	12.1	11.1	10.2	9.3	8.5	7.8
17.5°	18.4	17.1	15.8	14.6	13.4	12.3	11.2	10.3	9.4	8.6	7.9
16.25°	18.6	17.3	16.0	14.8	13.6	12.4	11.3	10.4	9.5	8.7	8.0
15°	18.7	17.5	16.2	15.0	13.7	12.6	11.5	10.5	9.5	8.7	8.0
13.75°	18.9	17.7	16.4	15.1	13.9	12.7	11.6	10.5	9.6	8.8	8.1
12.5°	19.0	17.8	16.5	15.2	14.0	12.8	11.7	10.6	9.7	8.8	8.1
11.25°	19.1	18.0	16.7	15.4	14.1	12.9	11.8	10.7	9.8	8.9	8.2
10°	19.2	18.1	16.8	15.5	14.2	13.0	11.8	10.8	9.8	8.9	8.2
8.75°	19.3	18.2	16.9	15.6	14.3	13.0	11.9	10.8	9.9	9.0	8.2
7.5°	19.3	18.3	17.0	15.7	14.4	13.1	12.0	10.9	9.9	9.0	8.3
6.25°	19.4	18.4	17.1	15.7	14.4	13.2	12.0	10.9	10.0	9.0	8.3
5°	19.5	18.5	17.1	15.8	14.5	13.2	12.1	10.9	10.0	9.1	8.3
3.75°	19.5	18.5	17.2	15.8	14.5	13.3	12.1	11.0	10.0	9.1	8.3
2.5°	19.5	18.6	17.2	15.9	14.6	13.3	12.1	11.0	10.0	9.1	8.3
1.25°	19.5	18.6	17.2	15.9	14.6	13.3	12.1	11.0	10.0	9.1	8.3
0°	19.6	18.6	17.3	15.9	14.6	13.3	12.2	11.0	10.1	9.1	8.4
-1.25°	19.5	18.6	17.2	15.9	14.6	13.3	12.1	11.0	10.0	9.1	8.3
-2.5°	19.5	18.6	17.2	15.9	14.6	13.3	12.1	11.0	10.0	9.1	8.3
-3.75°	19.5	18.5	17.2	15.8	14.5	13.3	12.1	11.0	10.0	9.1	8.3
-5°	19.5	18.5	17.1	15.8	14.5	13.2	12.1	10.9	10.0	9.1	8.3
-6.25°	19.4	18.4	17.1	15.7	14.4	13.2	12.0	10.9	10.0	9.0	8.3
-7.5°	19.3	18.3	17.0	15.7	14.4	13.1	12.0	10.9	9.9	9.0	8.3
-8.75°	19.3	18.2	16.9	15.6	14.3	13.0	11.9	10.8	9.9	9.0	8.2
-10°	19.2	18.1	16.8	15.5	14.2	13.0	11.8	10.8	9.8	8.9	8.2
-11.25°	19.1	18.0	16.7	15.4	14.1	12.9	11.8	10.7	9.8	8.9	8.2
-12.5°	19.0	17.8	16.5	15.2	14.0	12.8	11.7	10.6	9.7	8.8	8.1
-13.75°	18.9	17.7	16.4	15.1	13.9	12.7	11.6	10.5	9.6	8.8	8.1
-15°	18.7	17.5	16.2	15.0	13.7	12.6	11.5	10.5	9.5	8.7	8.0
-16.25°	18.6	17.3	16.0	14.8	13.6	12.4	11.3	10.4	9.5	8.7	8.0
-17.5°	18.4	17.1	15.8	14.6	13.4	12.3	11.2	10.3	9.4	8.6	7.9
-18.75°	18.2	16.9	15.7	14.4	13.2	12.1	11.1	10.2	9.3	8.5	7.8
-20°	17.9	16.7	15.4	14.2	13.1	12.0	10.9	10.0	9.2	8.4	7.7
-21.25°	17.7	16.4	15.2	14.0	12.9	11.8	10.8	9.9	9.1	8.4	7.7



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	17.4	16.2	15.0	13.8	12.7	11.6	10.7	9.8	9.0	8.3	7.6
-23.75°	17.1	15.9	14.7	13.6	12.5	11.5	10.5	9.7	8.9	8.2	7.5
-25°	16.8	15.6	14.5	13.3	12.3	11.3	10.4	9.5	8.8	8.1	7.5
-26.25°	16.5	15.3	14.2	13.1	12.1	11.1	10.2	9.4	8.7	8.0	7.5
-27.5°	16.2	15.0	13.9	12.9	11.9	10.9	10.1	9.2	8.5	7.9	7.4
-28.75°	15.8	14.7	13.6	12.6	11.6	10.7	9.9	9.1	8.4	7.8	7.3
-30°	15.5	14.4	13.3	12.4	11.4	10.5	9.7	8.9	8.3	7.7	7.3
-31.25°	15.2	14.1	13.0	12.1	11.1	10.3	9.5	8.8	8.2	7.6	7.2
-32.5°	14.8	13.7	12.7	11.8	10.9	10.1	9.3	8.7	8.0	7.5	7.2
-33.75°	14.4	13.4	12.5	11.5	10.7	9.9	9.1	8.5	7.9	7.4	7.1
-35°	14.0	13.0	12.1	11.2	10.4	9.7	9.0	8.4	7.8	7.4	7.0
-36.25°	13.6	12.7	11.8	10.9	10.2	9.5	8.8	8.2	7.6	7.3	7.0
-37.5°	13.2	12.4	11.5	10.7	10.0	9.2	8.6	8.0	7.5	7.2	6.9
-38.75°	12.9	12.0	11.2	10.4	9.7	9.0	8.5	7.9	7.4	7.1	6.8
-40°	12.5	11.7	10.9	10.2	9.5	8.8	8.3	7.7	7.4	7.1	6.7
-41.25°	12.1	11.3	10.6	9.9	9.2	8.6	8.1	7.6	7.3	7.0	6.6
-42.5°	11.7	10.9	10.3	9.6	9.0	8.4	7.9	7.5	7.2	6.9	6.5
-43.75°	11.3	10.6	10.0	9.3	8.7	8.2	7.7	7.4	7.1	6.8	6.4
-45°	10.9	10.3	9.7	9.0	8.5	8.0	7.6	7.3	7.0	6.7	6.3
-46.25°	10.6	10.0	9.3	8.8	8.3	7.8	7.4	7.2	6.9	6.6	6.2
-47.5°	10.2	9.6	9.0	8.6	8.1	7.6	7.3	7.1	6.8	6.5	6.1
-48.75°	9.9	9.3	8.8	8.3	7.8	7.5	7.2	7.0	6.7	6.3	6.0
-50°	9.5	9.0	8.5	8.1	7.6	7.4	7.1	6.9	6.5	6.2	5.9
-51.25°	9.1	8.7	8.2	7.8	7.5	7.2	7.0	6.7	6.4	6.1	5.7
-52.5°	8.8	8.4	8.0	7.6	7.3	7.1	6.9	6.6	6.3	5.9	5.6
-53.75°	8.5	8.1	7.7	7.4	7.2	7.0	6.7	6.4	6.1	5.8	5.4
-55°	8.2	7.8	7.5	7.3	7.1	6.9	6.6	6.3	6.0	5.7	5.2
-56.25°	7.9	7.6	7.4	7.1	6.9	6.7	6.4	6.1	5.8	5.5	5.1
-57.5°	7.6	7.4	7.2	7.0	6.8	6.5	6.2	6.0	5.7	5.3	4.9
-58.75°	7.4	7.2	7.0	6.9	6.6	6.3	6.1	5.8	5.5	5.1	4.7
-60°	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.2	4.9	4.5
-61.25°	7.1	6.9	6.7	6.5	6.2	6.0	5.7	5.4	5.0	4.7	4.3
-62.5°	6.9	6.7	6.5	6.3	6.0	5.8	5.5	5.2	4.8	4.5	4.2
-63.75°	6.7	6.5	6.3	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0
-65°	6.5	6.3	6.0	5.8	5.6	5.3	5.0	4.7	4.4	4.1	3.8
-66.25°	6.2	6.0	5.8	5.6	5.3	5.0	4.7	4.5	4.2	3.9	3.6
-67.5°	6.0	5.8	5.5	5.3	5.0	4.8	4.5	4.2	3.9	3.7	3.4
-68.75°	5.7	5.5	5.2	5.0	4.7	4.5	4.2	4.0	3.7	3.5	3.2
-70°	5.4	5.2	4.9	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0
-71.25°	5.0	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.3	3.0	2.8
-72.5°	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6
-73.75°	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4
-75°	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.2
-76.25°	3.6	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.1	1.9
-77.5°	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.5
-80°	2.6	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3
-81.25°	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1
-82.5°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9
-83.75°	1.4	1.3	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	6.8	6.3	5.9	5.3	4.7	4.1	3.4	2.8	2.2	1.5	0.9
32.5°	6.8	6.4	5.9	5.4	4.8	4.1	3.5	2.9	2.2	1.5	0.9
31.25°	6.9	6.5	6.0	5.5	4.8	4.2	3.5	2.9	2.2	1.6	0.9
30°	6.9	6.5	6.1	5.5	4.9	4.2	3.6	2.9	2.3	1.6	1.0
28.75°	7.0	6.6	6.1	5.6	5.0	4.3	3.6	3.0	2.3	1.6	1.0
27.5°	7.0	6.7	6.2	5.7	5.0	4.4	3.7	3.0	2.3	1.6	1.0
26.25°	7.1	6.7	6.2	5.7	5.1	4.4	3.7	3.1	2.4	1.7	1.0
25°	7.1	6.8	6.3	5.8	5.1	4.5	3.8	3.1	2.4	1.7	1.0
23.75°	7.2	6.8	6.3	5.8	5.2	4.5	3.8	3.1	2.4	1.7	1.0
22.5°	7.2	6.9	6.4	5.9	5.2	4.5	3.9	3.2	2.5	1.7	1.0
21.25°	7.3	6.9	6.4	5.9	5.3	4.6	3.9	3.2	2.5	1.7	1.0
20°	7.3	6.9	6.5	5.9	5.3	4.6	3.9	3.2	2.5	1.8	1.0
18.75°	7.3	7.0	6.5	6.0	5.4	4.7	4.0	3.3	2.5	1.8	1.0
17.5°	7.4	7.0	6.5	6.0	5.4	4.7	4.0	3.3	2.6	1.8	1.0
16.25°	7.4	7.0	6.6	6.0	5.5	4.7	4.0	3.3	2.6	1.8	1.1
15°	7.4	7.0	6.6	6.1	5.5	4.8	4.0	3.3	2.6	1.8	1.1
13.75°	7.5	7.1	6.6	6.1	5.5	4.8	4.1	3.3	2.6	1.8	1.1
12.5°	7.5	7.1	6.7	6.1	5.6	4.8	4.1	3.4	2.6	1.8	1.1
11.25°	7.5	7.1	6.7	6.2	5.6	4.8	4.1	3.4	2.6	1.9	1.1
10°	7.5	7.1	6.7	6.2	5.6	4.9	4.1	3.4	2.7	1.9	1.1
8.75°	7.5	7.1	6.7	6.2	5.6	4.9	4.1	3.4	2.7	1.9	1.1
7.5°	7.6	7.2	6.8	6.2	5.6	4.9	4.2	3.4	2.7	1.9	1.1
6.25°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
5°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
3.75°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
2.5°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
1.25°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
0°	7.6	7.2	6.8	6.3	5.7	5.0	4.2	3.5	2.7	1.9	1.1
-1.25°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
-2.5°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
-3.75°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
-5°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
-6.25°	7.6	7.2	6.8	6.2	5.7	4.9	4.2	3.4	2.7	1.9	1.1
-7.5°	7.6	7.2	6.8	6.2	5.6	4.9	4.2	3.4	2.7	1.9	1.1
-8.75°	7.5	7.1	6.7	6.2	5.6	4.9	4.1	3.4	2.7	1.9	1.1
-10°	7.5	7.1	6.7	6.2	5.6	4.9	4.1	3.4	2.7	1.9	1.1
-11.25°	7.5	7.1	6.7	6.2	5.6	4.8	4.1	3.4	2.6	1.9	1.1
-12.5°	7.5	7.1	6.7	6.1	5.6	4.8	4.1	3.4	2.6	1.8	1.1
-13.75°	7.5	7.1	6.6	6.1	5.5	4.8	4.1	3.3	2.6	1.8	1.1
-15°	7.4	7.0	6.6	6.1	5.5	4.8	4.0	3.3	2.6	1.8	1.1
-16.25°	7.4	7.0	6.6	6.0	5.5	4.7	4.0	3.3	2.6	1.8	1.1
-17.5°	7.4	7.0	6.5	6.0	5.4	4.7	4.0	3.3	2.6	1.8	1.0
-18.75°	7.3	7.0	6.5	6.0	5.4	4.7	4.0	3.3	2.5	1.8	1.0
-20°	7.3	6.9	6.5	5.9	5.3	4.6	3.9	3.2	2.5	1.8	1.0
-21.25°	7.3	6.9	6.4	5.9	5.3	4.6	3.9	3.2	2.5	1.7	1.0



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	7.2	6.9	6.4	5.9	5.2	4.5	3.9	3.2	2.5	1.7	1.0
-23.75°	7.2	6.8	6.3	5.8	5.2	4.5	3.8	3.1	2.4	1.7	1.0
-25°	7.1	6.8	6.3	5.8	5.1	4.5	3.8	3.1	2.4	1.7	1.0
-26.25°	7.1	6.7	6.2	5.7	5.1	4.4	3.7	3.1	2.4	1.7	1.0
-27.5°	7.0	6.7	6.2	5.7	5.0	4.4	3.7	3.0	2.3	1.6	1.0
-28.75°	7.0	6.6	6.1	5.6	5.0	4.3	3.6	3.0	2.3	1.6	1.0
-30°	6.9	6.5	6.1	5.5	4.9	4.2	3.6	2.9	2.3	1.6	1.0
-31.25°	6.9	6.5	6.0	5.5	4.8	4.2	3.5	2.9	2.2	1.6	0.9
-32.5°	6.8	6.4	5.9	5.4	4.8	4.1	3.5	2.9	2.2	1.5	0.9
-33.75°	6.8	6.3	5.9	5.3	4.7	4.1	3.4	2.8	2.2	1.5	0.9
-35°	6.7	6.2	5.8	5.2	4.6	4.0	3.4	2.8	2.1	1.5	0.9
-36.25°	6.6	6.2	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.4	0.9
-37.5°	6.5	6.1	5.6	5.0	4.5	3.9	3.3	2.7	2.0	1.4	0.9
-38.75°	6.4	6.0	5.5	5.0	4.4	3.8	3.2	2.6	2.0	1.4	0.9
-40°	6.3	5.9	5.4	4.9	4.3	3.7	3.1	2.6	2.0	1.3	0.8
-41.25°	6.2	5.8	5.3	4.8	4.2	3.6	3.1	2.5	1.9	1.3	0.8
-42.5°	6.1	5.7	5.2	4.7	4.1	3.6	3.0	2.4	1.9	1.3	0.8
-43.75°	6.0	5.6	5.1	4.6	4.0	3.5	2.9	2.4	1.8	1.2	0.8
-45°	5.9	5.5	5.0	4.5	3.9	3.4	2.9	2.3	1.8	1.2	0.8
-46.25°	5.8	5.4	4.9	4.4	3.8	3.3	2.8	2.3	1.7	1.2	0.8
-47.5°	5.7	5.2	4.7	4.2	3.7	3.2	2.7	2.2	1.7	1.1	0.7
-48.75°	5.6	5.1	4.6	4.1	3.6	3.2	2.7	2.1	1.6	1.1	0.7
-50°	5.4	5.0	4.5	4.0	3.5	3.1	2.6	2.1	1.6	1.1	0.7
-51.25°	5.3	4.8	4.4	3.9	3.4	3.0	2.5	2.0	1.5	1.0	0.7
-52.5°	5.1	4.7	4.2	3.8	3.3	2.9	2.4	1.9	1.4	1.0	0.7
-53.75°	5.0	4.5	4.1	3.7	3.2	2.8	2.3	1.9	1.4	1.0	0.7
-55°	4.8	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9	0.6
-56.25°	4.7	4.3	3.8	3.4	3.0	2.6	2.2	1.7	1.3	0.9	0.6
-57.5°	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.6	1.2	0.9	0.6
-58.75°	4.3	3.9	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.9	0.6
-60°	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8	0.5
-61.25°	4.0	3.6	3.3	2.9	2.6	2.2	1.8	1.4	1.1	0.8	0.5
-62.5°	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.3	1.0	0.8	0.5
-63.75°	3.6	3.3	3.0	2.7	2.3	2.0	1.6	1.3	1.0	0.7	0.5
-65°	3.5	3.2	2.8	2.5	2.2	1.9	1.5	1.2	0.9	0.7	0.5
-66.25°	3.3	3.0	2.7	2.4	2.1	1.7	1.4	1.1	0.9	0.7	0.4
-67.5°	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.8	0.6	0.4
-68.75°	2.9	2.7	2.4	2.1	1.8	1.5	1.2	1.0	0.8	0.6	0.4
-70°	2.7	2.5	2.2	1.9	1.7	1.4	1.1	0.9	0.8	0.6	0.4
-71.25°	2.6	2.3	2.1	1.8	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-72.5°	2.4	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.7	0.5	0.3
-73.75°	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.8	0.6	0.5	0.3
-75°	2.0	1.8	1.6	1.4	1.1	1.0	0.9	0.7	0.6	0.4	0.3
-76.25°	1.8	1.6	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.1	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	0.0
83.75°	0.1	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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-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



REPORT NUMBER: P220472 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.1	0.0
-80°	0.1	0.0
-81.25°	0.1	0.0
-82.5°	0.1	0.0
-83.75°	0.1	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)