

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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

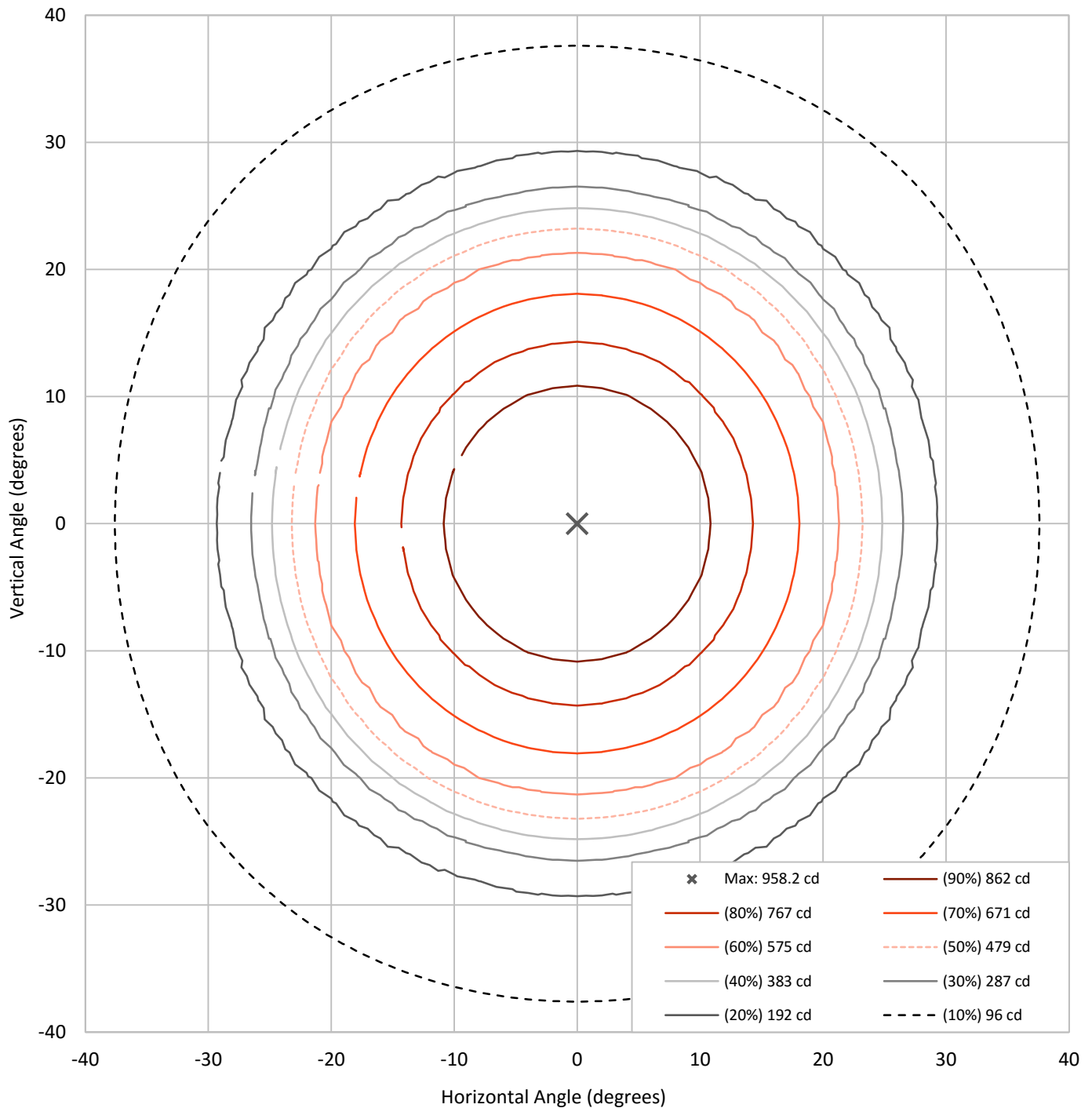
Test Method: LM-79-08
Report Number: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29471)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	644.9 lumens	Max Intensity:	958.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.5°H x 46.5°V	Field Angle (10%):	75.2°H x 75.2°V
Beam Lumens:	370.5 lumens	Field Lumens:	527.9 lumens
Beam Efficiency:	57.4%	Field Efficiency:	81.8%
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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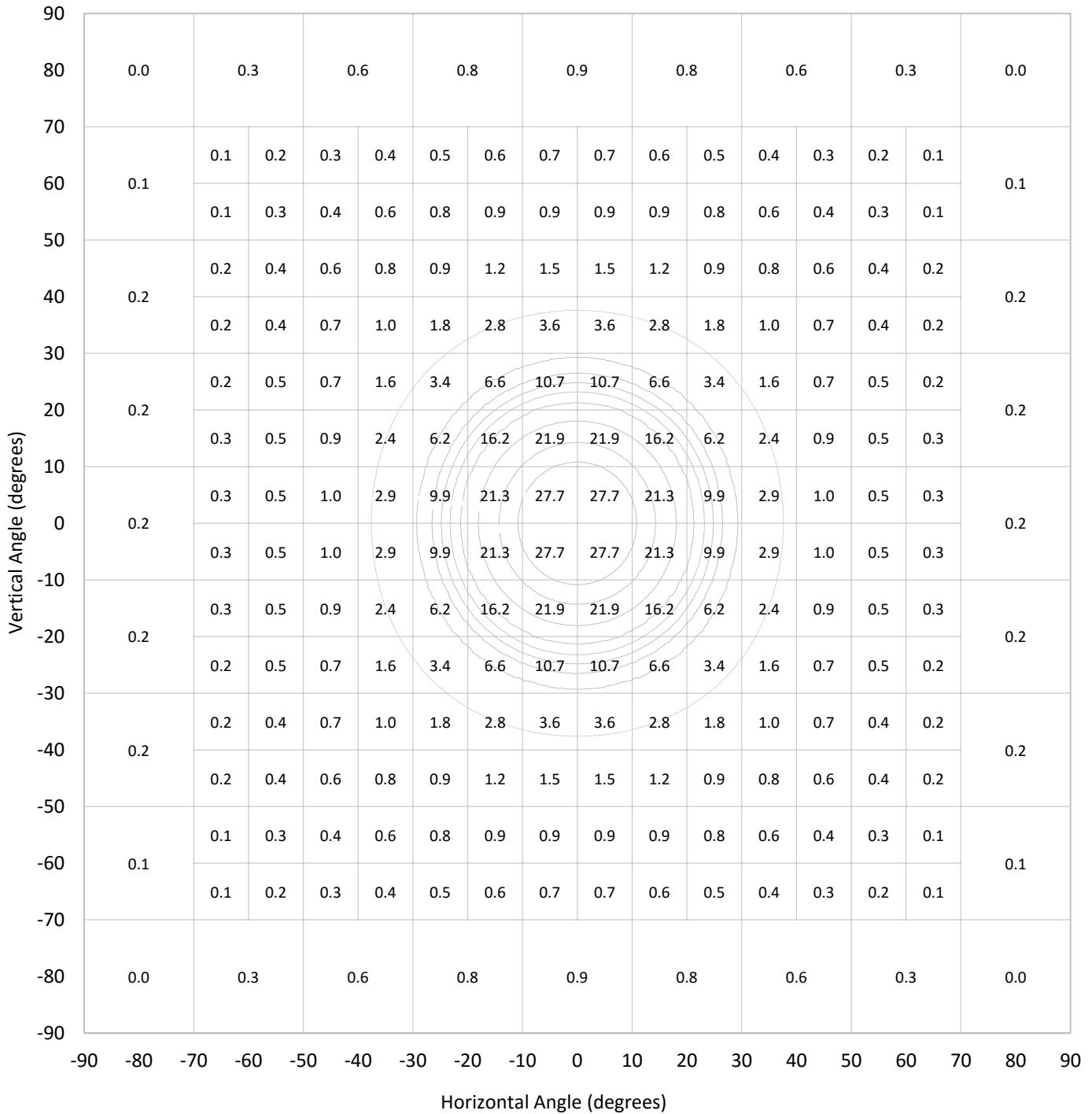
Iso-Candela Plot





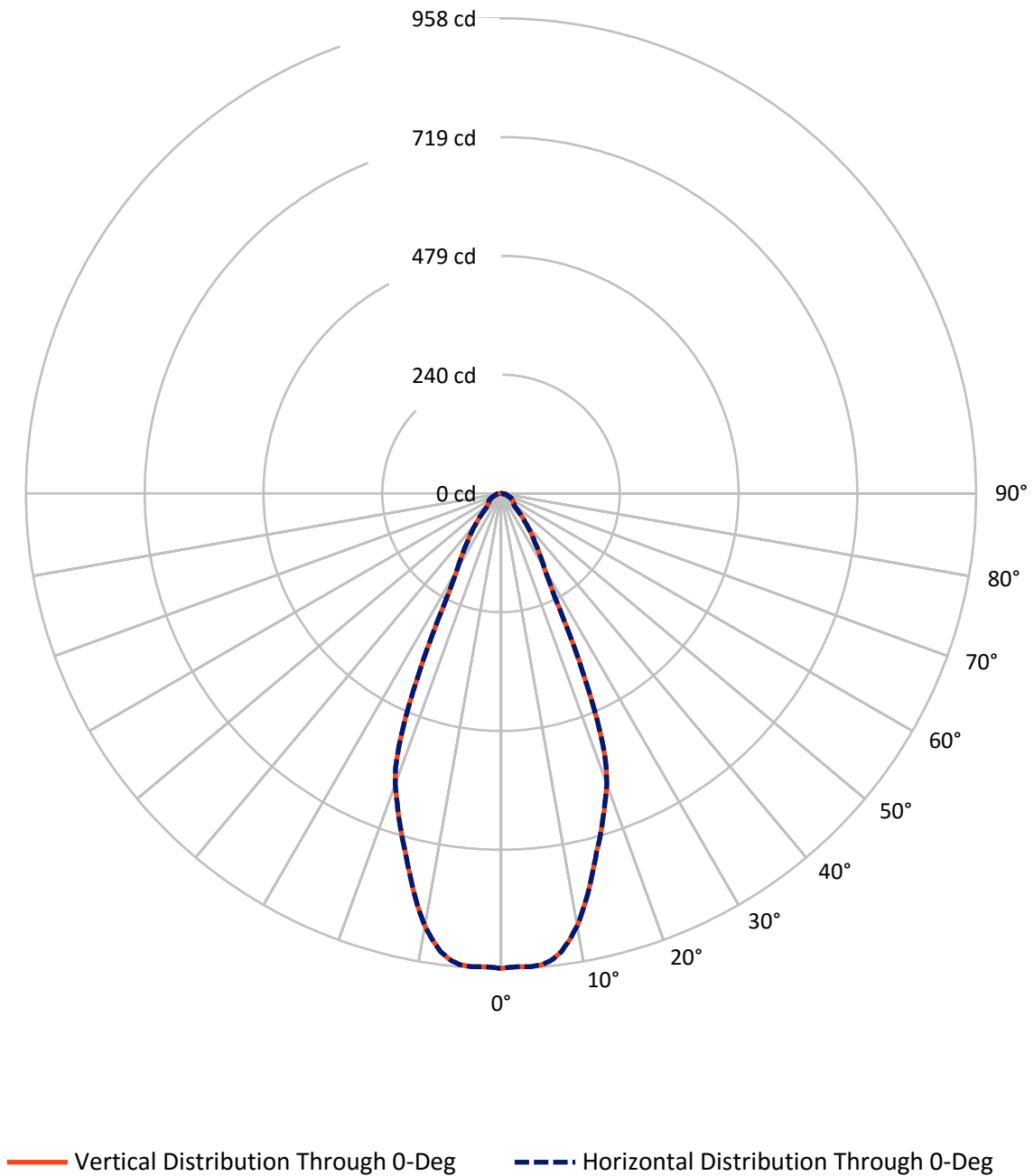
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Lumen Table



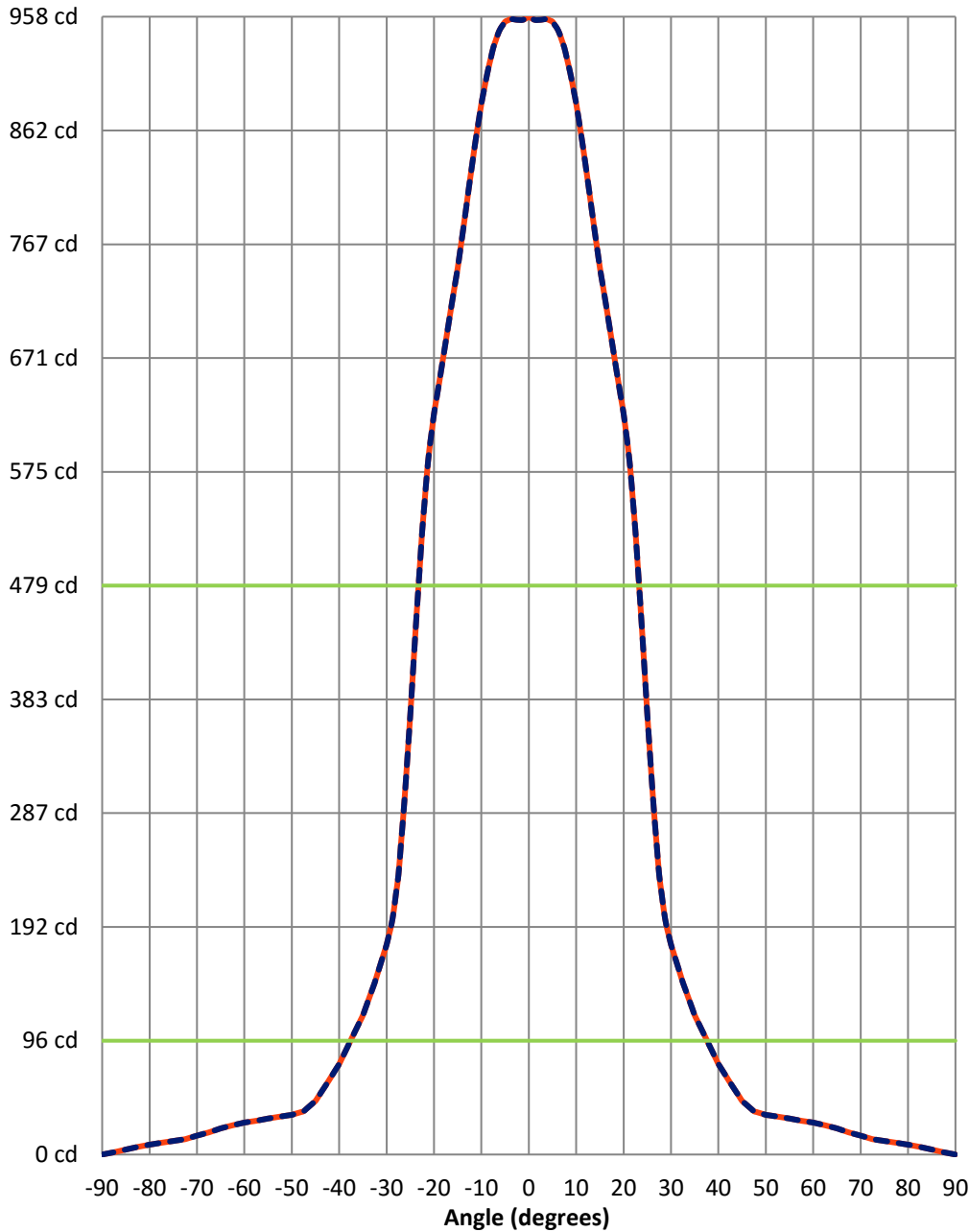
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.5°
 V Angle: 46.5°
 Lumens: 370.5
 Efficiency: 57.4%

Field:
 H Angle: 75.2°
 V Angle: 75.2°
 Lumens: 527.9
 Efficiency: 81.8%

Spill:
 Lumens: 117.1
 Efficiency: 18.2%

- 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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.6
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8
83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
81.25°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
80°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
78.75°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.8
77.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1
76.25°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
75°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.6
73.75°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.8
72.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.7	3.0
71.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.5	2.9	3.3
70°	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.7	3.1	3.5
68.75°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.5	2.9	3.3	3.7
67.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.1	3.5	4.0
66.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	2.8	3.3	3.7	4.2
65°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.5	4.0	4.4
63.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.6	3.1	3.7	4.2	4.6
62.5°	0.0	0.4	0.9	1.3	1.8	2.3	2.8	3.3	3.8	4.3	4.8
61.25°	0.0	0.5	0.9	1.4	1.8	2.4	2.9	3.5	4.0	4.5	5.1
60°	0.0	0.5	0.9	1.4	1.9	2.5	3.0	3.6	4.2	4.7	5.3
58.75°	0.0	0.5	1.0	1.5	2.0	2.6	3.2	3.8	4.3	4.9	5.5
57.5°	0.0	0.5	1.0	1.5	2.1	2.7	3.3	3.9	4.5	5.1	5.7
56.25°	0.0	0.5	1.1	1.6	2.2	2.8	3.4	4.1	4.7	5.3	5.9
55°	0.0	0.5	1.1	1.6	2.2	2.9	3.6	4.2	4.8	5.5	6.1
53.75°	0.0	0.6	1.1	1.7	2.3	3.0	3.7	4.3	5.0	5.6	6.3
52.5°	0.0	0.6	1.2	1.7	2.4	3.1	3.8	4.5	5.1	5.8	6.5
51.25°	0.0	0.6	1.2	1.8	2.5	3.2	3.9	4.6	5.3	6.0	6.6
50°	0.0	0.6	1.2	1.8	2.6	3.3	4.0	4.7	5.4	6.1	6.8
48.75°	0.0	0.6	1.3	1.9	2.6	3.4	4.1	4.9	5.6	6.3	6.9
47.5°	0.0	0.6	1.3	1.9	2.7	3.5	4.3	5.0	5.7	6.5	7.1
46.25°	0.0	0.7	1.3	2.0	2.8	3.6	4.4	5.1	5.9	6.6	7.2
45°	0.0	0.7	1.3	2.0	2.9	3.7	4.5	5.2	6.0	6.7	7.4
43.75°	0.0	0.7	1.4	2.1	2.9	3.7	4.6	5.4	6.1	6.9	7.5
42.5°	0.0	0.7	1.4	2.1	3.0	3.8	4.7	5.5	6.3	7.0	7.7
41.25°	0.0	0.7	1.4	2.2	3.1	3.9	4.8	5.6	6.4	7.1	7.8
40°	0.0	0.7	1.5	2.2	3.1	4.0	4.8	5.7	6.5	7.2	8.0
38.75°	0.0	0.7	1.5	2.3	3.2	4.1	4.9	5.8	6.6	7.4	8.1
37.5°	0.0	0.8	1.5	2.3	3.2	4.2	5.0	5.9	6.7	7.5	8.2
36.25°	0.0	0.8	1.5	2.4	3.3	4.2	5.1	6.0	6.8	7.6	8.3
35°	0.0	0.8	1.6	2.4	3.4	4.3	5.2	6.1	6.9	7.7	8.4



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.8	1.6	2.5	3.4	4.4	5.3	6.2	7.0	7.8	8.5
32.5°	0.0	0.8	1.6	2.5	3.5	4.4	5.4	6.3	7.1	7.9	8.6
31.25°	0.0	0.8	1.6	2.5	3.5	4.5	5.4	6.4	7.2	8.0	8.7
30°	0.0	0.8	1.6	2.6	3.6	4.6	5.5	6.5	7.3	8.1	8.8
28.75°	0.0	0.8	1.7	2.6	3.6	4.6	5.6	6.5	7.4	8.2	8.9
27.5°	0.0	0.8	1.7	2.7	3.7	4.7	5.7	6.6	7.4	8.3	9.0
26.25°	0.0	0.9	1.7	2.7	3.7	4.7	5.7	6.7	7.5	8.3	9.1
25°	0.0	0.9	1.7	2.7	3.8	4.8	5.8	6.7	7.6	8.4	9.1
23.75°	0.0	0.9	1.7	2.8	3.8	4.8	5.8	6.8	7.7	8.5	9.2
22.5°	0.0	0.9	1.8	2.8	3.8	4.9	5.9	6.8	7.7	8.5	9.3
21.25°	0.0	0.9	1.8	2.8	3.9	4.9	5.9	6.9	7.8	8.6	9.3
20°	0.0	0.9	1.8	2.8	3.9	5.0	6.0	6.9	7.8	8.7	9.4
18.75°	0.0	0.9	1.8	2.9	4.0	5.0	6.0	7.0	7.9	8.7	9.5
17.5°	0.0	0.9	1.8	2.9	4.0	5.0	6.1	7.0	7.9	8.8	9.5
16.25°	0.0	0.9	1.8	2.9	4.0	5.1	6.1	7.1	8.0	8.8	9.6
15°	0.0	0.9	1.8	2.9	4.0	5.1	6.2	7.1	8.0	8.9	9.6
13.75°	0.0	0.9	1.8	3.0	4.1	5.1	6.2	7.2	8.1	8.9	9.7
12.5°	0.0	0.9	1.9	3.0	4.1	5.2	6.2	7.2	8.1	8.9	9.7
11.25°	0.0	0.9	1.9	3.0	4.1	5.2	6.3	7.2	8.2	9.0	9.7
10°	0.0	0.9	1.9	3.0	4.1	5.2	6.3	7.2	8.2	9.0	9.8
8.75°	0.0	0.9	1.9	3.0	4.1	5.2	6.3	7.3	8.2	9.0	9.8
7.5°	0.0	0.9	1.9	3.0	4.2	5.3	6.3	7.3	8.2	9.0	9.8
6.25°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
5°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
3.75°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
2.5°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
1.25°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
0°	0.0	0.9	1.9	3.1	4.2	5.3	6.4	7.4	8.3	9.1	9.9
-1.25°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
-2.5°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
-3.75°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
-5°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
-6.25°	0.0	0.9	1.9	3.0	4.2	5.3	6.4	7.3	8.3	9.1	9.9
-7.5°	0.0	0.9	1.9	3.0	4.2	5.3	6.3	7.3	8.2	9.0	9.8
-8.75°	0.0	0.9	1.9	3.0	4.1	5.2	6.3	7.3	8.2	9.0	9.8
-10°	0.0	0.9	1.9	3.0	4.1	5.2	6.3	7.2	8.2	9.0	9.8
-11.25°	0.0	0.9	1.9	3.0	4.1	5.2	6.3	7.2	8.2	9.0	9.7
-12.5°	0.0	0.9	1.9	3.0	4.1	5.2	6.2	7.2	8.1	8.9	9.7
-13.75°	0.0	0.9	1.8	3.0	4.1	5.1	6.2	7.2	8.1	8.9	9.7
-15°	0.0	0.9	1.8	2.9	4.0	5.1	6.2	7.1	8.0	8.9	9.6
-16.25°	0.0	0.9	1.8	2.9	4.0	5.1	6.1	7.1	8.0	8.8	9.6
-17.5°	0.0	0.9	1.8	2.9	4.0	5.0	6.1	7.0	7.9	8.8	9.5
-18.75°	0.0	0.9	1.8	2.9	4.0	5.0	6.0	7.0	7.9	8.7	9.5
-20°	0.0	0.9	1.8	2.8	3.9	5.0	6.0	6.9	7.8	8.7	9.4
-21.25°	0.0	0.9	1.8	2.8	3.9	4.9	5.9	6.9	7.8	8.6	9.3



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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	0.9	1.8	2.8	3.8	4.9	5.9	6.8	7.7	8.5	9.3
-23.75°	0.0	0.9	1.7	2.8	3.8	4.8	5.8	6.8	7.7	8.5	9.2
-25°	0.0	0.9	1.7	2.7	3.8	4.8	5.8	6.7	7.6	8.4	9.1
-26.25°	0.0	0.9	1.7	2.7	3.7	4.7	5.7	6.7	7.5	8.3	9.1
-27.5°	0.0	0.8	1.7	2.7	3.7	4.7	5.7	6.6	7.4	8.3	9.0
-28.75°	0.0	0.8	1.7	2.6	3.6	4.6	5.6	6.5	7.4	8.2	8.9
-30°	0.0	0.8	1.6	2.6	3.6	4.6	5.5	6.5	7.3	8.1	8.8
-31.25°	0.0	0.8	1.6	2.5	3.5	4.5	5.4	6.4	7.2	8.0	8.7
-32.5°	0.0	0.8	1.6	2.5	3.5	4.4	5.4	6.3	7.1	7.9	8.6
-33.75°	0.0	0.8	1.6	2.5	3.4	4.4	5.3	6.2	7.0	7.8	8.5
-35°	0.0	0.8	1.6	2.4	3.4	4.3	5.2	6.1	6.9	7.7	8.4
-36.25°	0.0	0.8	1.5	2.4	3.3	4.2	5.1	6.0	6.8	7.6	8.3
-37.5°	0.0	0.8	1.5	2.3	3.2	4.2	5.0	5.9	6.7	7.5	8.2
-38.75°	0.0	0.7	1.5	2.3	3.2	4.1	4.9	5.8	6.6	7.4	8.1
-40°	0.0	0.7	1.5	2.2	3.1	4.0	4.8	5.7	6.5	7.2	8.0
-41.25°	0.0	0.7	1.4	2.2	3.1	3.9	4.8	5.6	6.4	7.1	7.8
-42.5°	0.0	0.7	1.4	2.1	3.0	3.8	4.7	5.5	6.3	7.0	7.7
-43.75°	0.0	0.7	1.4	2.1	2.9	3.7	4.6	5.4	6.1	6.9	7.5
-45°	0.0	0.7	1.3	2.0	2.9	3.7	4.5	5.2	6.0	6.7	7.4
-46.25°	0.0	0.7	1.3	2.0	2.8	3.6	4.4	5.1	5.9	6.6	7.2
-47.5°	0.0	0.6	1.3	1.9	2.7	3.5	4.3	5.0	5.7	6.5	7.1
-48.75°	0.0	0.6	1.3	1.9	2.6	3.4	4.1	4.9	5.6	6.3	6.9
-50°	0.0	0.6	1.2	1.8	2.6	3.3	4.0	4.7	5.4	6.1	6.8
-51.25°	0.0	0.6	1.2	1.8	2.5	3.2	3.9	4.6	5.3	6.0	6.6
-52.5°	0.0	0.6	1.2	1.7	2.4	3.1	3.8	4.5	5.1	5.8	6.5
-53.75°	0.0	0.6	1.1	1.7	2.3	3.0	3.7	4.3	5.0	5.6	6.3
-55°	0.0	0.5	1.1	1.6	2.2	2.9	3.6	4.2	4.8	5.5	6.1
-56.25°	0.0	0.5	1.1	1.6	2.2	2.8	3.4	4.1	4.7	5.3	5.9
-57.5°	0.0	0.5	1.0	1.5	2.1	2.7	3.3	3.9	4.5	5.1	5.7
-58.75°	0.0	0.5	1.0	1.5	2.0	2.6	3.2	3.8	4.3	4.9	5.5
-60°	0.0	0.5	0.9	1.4	1.9	2.5	3.0	3.6	4.2	4.7	5.3
-61.25°	0.0	0.5	0.9	1.4	1.8	2.4	2.9	3.5	4.0	4.5	5.1
-62.5°	0.0	0.4	0.9	1.3	1.8	2.3	2.8	3.3	3.8	4.3	4.8
-63.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.6	3.1	3.7	4.2	4.6
-65°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.5	4.0	4.4
-66.25°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	2.8	3.3	3.7	4.2
-67.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.1	3.5	4.0
-68.75°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.5	2.9	3.3	3.7
-70°	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.7	3.1	3.5
-71.25°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.5	2.9	3.3
-72.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.7	3.0
-73.75°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.8
-75°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.6
-76.25°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
-77.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.8
-80°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-81.25°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
-82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8
-86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.6
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8
86.25°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3
85°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7
83.75°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
82.5°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6
81.25°	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1
80°	1.8	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.5	3.7
78.75°	2.0	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	4.0	4.2
77.5°	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6
76.25°	2.6	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.1
75°	2.8	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.1	5.3	5.6
73.75°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1
72.5°	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
71.25°	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.3	6.6	6.9
70°	3.9	4.3	4.6	5.0	5.4	5.7	6.1	6.4	6.7	7.0	7.3
68.75°	4.1	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.1	7.4	7.7
67.5°	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.1	7.4	7.8	8.1
66.25°	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.5
65°	4.9	5.3	5.8	6.2	6.6	7.0	7.4	7.8	8.1	8.5	8.8
63.75°	5.1	5.6	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.8	9.1
62.5°	5.3	5.8	6.3	6.8	7.2	7.6	8.0	8.4	8.8	9.1	9.4
61.25°	5.6	6.1	6.6	7.0	7.5	7.9	8.3	8.7	9.0	9.4	9.8
60°	5.8	6.3	6.8	7.3	7.7	8.2	8.6	9.0	9.3	9.7	10.1
58.75°	6.0	6.6	7.0	7.5	8.0	8.4	8.8	9.2	9.6	10.0	10.4
57.5°	6.3	6.8	7.3	7.8	8.3	8.7	9.1	9.5	9.9	10.3	10.6
56.25°	6.5	7.0	7.5	8.0	8.5	8.9	9.3	9.8	10.2	10.5	10.9
55°	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.0	10.4	10.8	11.2
53.75°	6.8	7.4	7.9	8.5	8.9	9.4	9.8	10.2	10.7	11.1	11.5
52.5°	7.0	7.6	8.2	8.7	9.1	9.6	10.0	10.5	10.9	11.3	11.8
51.25°	7.2	7.8	8.4	8.8	9.3	9.8	10.3	10.7	11.2	11.6	12.0
50°	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.4	11.9	12.3
48.75°	7.6	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.6	12.1	12.6
47.5°	7.7	8.3	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.8
46.25°	7.9	8.5	9.0	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.3
45°	8.1	8.6	9.2	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.8
43.75°	8.2	8.8	9.4	9.9	10.5	11.0	11.5	12.0	12.5	13.2	14.3
42.5°	8.4	8.9	9.5	10.1	10.6	11.2	11.7	12.2	12.8	13.7	14.7
41.25°	8.5	9.1	9.7	10.2	10.8	11.3	11.9	12.4	13.1	14.1	15.2
40°	8.6	9.2	9.8	10.4	11.0	11.5	12.1	12.6	13.5	14.6	15.7
38.75°	8.7	9.4	10.0	10.5	11.1	11.7	12.3	12.8	13.9	15.0	16.1
37.5°	8.9	9.5	10.1	10.7	11.3	11.8	12.4	13.1	14.3	15.4	16.5
36.25°	9.0	9.6	10.2	10.8	11.4	12.0	12.6	13.5	14.6	15.8	16.9
35°	9.1	9.7	10.4	11.0	11.6	12.2	12.8	13.8	15.0	16.2	17.2



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	9.2	9.9	10.5	11.1	11.7	12.3	12.9	14.2	15.4	16.5	17.6
32.5°	9.3	10.0	10.6	11.2	11.8	12.5	13.3	14.5	15.7	16.9	18.0
31.25°	9.4	10.1	10.7	11.3	12.0	12.6	13.6	14.8	16.1	17.2	18.3
30°	9.5	10.2	10.8	11.5	12.1	12.7	13.9	15.1	16.3	17.5	18.6
28.75°	9.6	10.3	10.9	11.6	12.2	12.9	14.1	15.4	16.6	17.8	19.0
27.5°	9.7	10.4	11.0	11.7	12.3	13.1	14.4	15.7	16.9	18.1	19.4
26.25°	9.8	10.5	11.1	11.8	12.5	13.3	14.7	16.0	17.2	18.4	19.8
25°	9.9	10.5	11.2	11.9	12.6	13.6	14.9	16.2	17.4	18.6	20.1
23.75°	9.9	10.6	11.3	12.0	12.7	13.8	15.1	16.4	17.7	18.9	20.5
22.5°	10.0	10.7	11.4	12.1	12.8	14.0	15.4	16.7	17.9	19.3	20.8
21.25°	10.1	10.8	11.5	12.2	12.9	14.2	15.6	16.9	18.1	19.5	21.1
20°	10.1	10.8	11.5	12.2	13.0	14.4	15.8	17.1	18.3	19.8	21.4
18.75°	10.2	10.9	11.6	12.3	13.2	14.6	16.0	17.2	18.5	20.1	21.7
17.5°	10.3	11.0	11.7	12.4	13.3	14.7	16.1	17.4	18.7	20.3	21.9
16.25°	10.3	11.0	11.8	12.5	13.5	14.9	16.3	17.6	18.9	20.6	22.1
15°	10.4	11.1	11.8	12.5	13.6	15.0	16.4	17.7	19.1	20.8	22.3
13.75°	10.4	11.1	11.9	12.6	13.7	15.2	16.6	17.9	19.3	21.0	22.5
12.5°	10.5	11.2	11.9	12.6	13.8	15.3	16.7	18.0	19.5	21.1	22.6
11.25°	10.5	11.2	12.0	12.7	14.0	15.4	16.8	18.1	19.6	21.3	22.7
10°	10.5	11.3	12.0	12.7	14.0	15.5	16.9	18.2	19.8	21.4	22.9
8.75°	10.6	11.3	12.0	12.8	14.1	15.6	17.0	18.3	19.9	21.6	23.0
7.5°	10.6	11.3	12.1	12.8	14.2	15.7	17.0	18.4	20.0	21.7	23.0
6.25°	10.6	11.3	12.1	12.8	14.3	15.8	17.1	18.4	20.1	21.8	23.1
5°	10.6	11.4	12.1	12.9	14.3	15.8	17.2	18.5	20.2	21.9	23.2
3.75°	10.6	11.4	12.1	12.9	14.4	15.8	17.2	18.5	20.2	21.9	23.2
2.5°	10.6	11.4	12.1	12.9	14.4	15.9	17.2	18.6	20.3	22.0	23.3
1.25°	10.6	11.4	12.1	12.9	14.4	15.9	17.2	18.6	20.3	22.0	23.3
0°	10.7	11.4	12.2	12.9	14.4	15.9	17.3	18.6	20.3	22.0	23.3
-1.25°	10.6	11.4	12.1	12.9	14.4	15.9	17.2	18.6	20.3	22.0	23.3
-2.5°	10.6	11.4	12.1	12.9	14.4	15.9	17.2	18.6	20.3	22.0	23.3
-3.75°	10.6	11.4	12.1	12.9	14.4	15.8	17.2	18.5	20.2	21.9	23.2
-5°	10.6	11.4	12.1	12.9	14.3	15.8	17.2	18.5	20.2	21.9	23.2
-6.25°	10.6	11.3	12.1	12.8	14.3	15.8	17.1	18.4	20.1	21.8	23.1
-7.5°	10.6	11.3	12.1	12.8	14.2	15.7	17.0	18.4	20.0	21.7	23.0
-8.75°	10.6	11.3	12.0	12.8	14.1	15.6	17.0	18.3	19.9	21.6	23.0
-10°	10.5	11.3	12.0	12.7	14.0	15.5	16.9	18.2	19.8	21.4	22.9
-11.25°	10.5	11.2	12.0	12.7	14.0	15.4	16.8	18.1	19.6	21.3	22.7
-12.5°	10.5	11.2	11.9	12.6	13.8	15.3	16.7	18.0	19.5	21.1	22.6
-13.75°	10.4	11.1	11.9	12.6	13.7	15.2	16.6	17.9	19.3	21.0	22.5
-15°	10.4	11.1	11.8	12.5	13.6	15.0	16.4	17.7	19.1	20.8	22.3
-16.25°	10.3	11.0	11.8	12.5	13.5	14.9	16.3	17.6	18.9	20.6	22.1
-17.5°	10.3	11.0	11.7	12.4	13.3	14.7	16.1	17.4	18.7	20.3	21.9
-18.75°	10.2	10.9	11.6	12.3	13.2	14.6	16.0	17.2	18.5	20.1	21.7
-20°	10.1	10.8	11.5	12.2	13.0	14.4	15.8	17.1	18.3	19.8	21.4
-21.25°	10.1	10.8	11.5	12.2	12.9	14.2	15.6	16.9	18.1	19.5	21.1



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	10.0	10.7	11.4	12.1	12.8	14.0	15.4	16.7	17.9	19.3	20.8
-23.75°	9.9	10.6	11.3	12.0	12.7	13.8	15.1	16.4	17.7	18.9	20.5
-25°	9.9	10.5	11.2	11.9	12.6	13.6	14.9	16.2	17.4	18.6	20.1
-26.25°	9.8	10.5	11.1	11.8	12.5	13.3	14.7	16.0	17.2	18.4	19.8
-27.5°	9.7	10.4	11.0	11.7	12.3	13.1	14.4	15.7	16.9	18.1	19.4
-28.75°	9.6	10.3	10.9	11.6	12.2	12.9	14.1	15.4	16.6	17.8	19.0
-30°	9.5	10.2	10.8	11.5	12.1	12.7	13.9	15.1	16.3	17.5	18.6
-31.25°	9.4	10.1	10.7	11.3	12.0	12.6	13.6	14.8	16.1	17.2	18.3
-32.5°	9.3	10.0	10.6	11.2	11.8	12.5	13.3	14.5	15.7	16.9	18.0
-33.75°	9.2	9.9	10.5	11.1	11.7	12.3	12.9	14.2	15.4	16.5	17.6
-35°	9.1	9.7	10.4	11.0	11.6	12.2	12.8	13.8	15.0	16.2	17.2
-36.25°	9.0	9.6	10.2	10.8	11.4	12.0	12.6	13.5	14.6	15.8	16.9
-37.5°	8.9	9.5	10.1	10.7	11.3	11.8	12.4	13.1	14.3	15.4	16.5
-38.75°	8.7	9.4	10.0	10.5	11.1	11.7	12.3	12.8	13.9	15.0	16.1
-40°	8.6	9.2	9.8	10.4	11.0	11.5	12.1	12.6	13.5	14.6	15.7
-41.25°	8.5	9.1	9.7	10.2	10.8	11.3	11.9	12.4	13.1	14.1	15.2
-42.5°	8.4	8.9	9.5	10.1	10.6	11.2	11.7	12.2	12.8	13.7	14.7
-43.75°	8.2	8.8	9.4	9.9	10.5	11.0	11.5	12.0	12.5	13.2	14.3
-45°	8.1	8.6	9.2	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.8
-46.25°	7.9	8.5	9.0	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.3
-47.5°	7.7	8.3	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.8
-48.75°	7.6	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.6	12.1	12.6
-50°	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.4	11.9	12.3
-51.25°	7.2	7.8	8.4	8.8	9.3	9.8	10.3	10.7	11.2	11.6	12.0
-52.5°	7.0	7.6	8.2	8.7	9.1	9.6	10.0	10.5	10.9	11.3	11.8
-53.75°	6.8	7.4	7.9	8.5	8.9	9.4	9.8	10.2	10.7	11.1	11.5
-55°	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.0	10.4	10.8	11.2
-56.25°	6.5	7.0	7.5	8.0	8.5	8.9	9.3	9.8	10.2	10.5	10.9
-57.5°	6.3	6.8	7.3	7.8	8.3	8.7	9.1	9.5	9.9	10.3	10.6
-58.75°	6.0	6.6	7.0	7.5	8.0	8.4	8.8	9.2	9.6	10.0	10.4
-60°	5.8	6.3	6.8	7.3	7.7	8.2	8.6	9.0	9.3	9.7	10.1
-61.25°	5.6	6.1	6.6	7.0	7.5	7.9	8.3	8.7	9.0	9.4	9.8
-62.5°	5.3	5.8	6.3	6.8	7.2	7.6	8.0	8.4	8.8	9.1	9.4
-63.75°	5.1	5.6	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.8	9.1
-65°	4.9	5.3	5.8	6.2	6.6	7.0	7.4	7.8	8.1	8.5	8.8
-66.25°	4.6	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.5
-67.5°	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.1	7.4	7.8	8.1
-68.75°	4.1	4.5	4.9	5.3	5.7	6.1	6.4	6.8	7.1	7.4	7.7
-70°	3.9	4.3	4.6	5.0	5.4	5.7	6.1	6.4	6.7	7.0	7.3
-71.25°	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.3	6.6	6.9
-72.5°	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
-73.75°	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1
-75°	2.8	3.1	3.4	3.7	4.0	4.3	4.5	4.8	5.1	5.3	5.6
-76.25°	2.6	2.8	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.9	5.1
-77.5°	2.3	2.6	2.8	3.0	3.3	3.5	3.7	4.0	4.2	4.4	4.6



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	2.0	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	4.0	4.2
-80°	1.8	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.5	3.7
-81.25°	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1
-82.5°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6
-83.75°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-85°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7
-86.25°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.3
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8
-88.75°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
87.5°	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
86.25°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
85°	1.8	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6
83.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
82.5°	2.8	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
81.25°	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.7
80°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.4
78.75°	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.1
77.5°	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.8
76.25°	5.3	5.6	5.8	6.0	6.3	6.5	6.7	6.8	7.0	7.2	7.4
75°	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0
73.75°	6.3	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.2	8.4	8.5
72.5°	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.5	8.7	8.8	9.0
71.25°	7.2	7.5	7.7	8.0	8.3	8.5	8.7	8.9	9.1	9.3	9.5
70°	7.6	7.9	8.2	8.4	8.7	8.9	9.1	9.4	9.6	9.8	10.0
68.75°	8.0	8.3	8.6	8.8	9.1	9.3	9.6	9.8	10.0	10.3	10.5
67.5°	8.4	8.7	9.0	9.2	9.5	9.8	10.0	10.2	10.5	10.7	10.9
66.25°	8.8	9.0	9.3	9.6	9.9	10.2	10.4	10.7	10.9	11.2	11.4
65°	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.1	11.3	11.6	11.9
63.75°	9.4	9.8	10.1	10.4	10.6	10.9	11.2	11.5	11.8	12.0	12.3
62.5°	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8
61.25°	10.1	10.4	10.7	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.5
60°	10.4	10.7	11.1	11.4	11.8	12.1	12.4	12.7	13.2	13.8	14.4
58.75°	10.7	11.1	11.4	11.8	12.1	12.5	12.8	13.3	14.0	14.6	15.3
57.5°	11.0	11.4	11.8	12.1	12.5	12.8	13.4	14.1	14.8	15.5	16.1
56.25°	11.3	11.7	12.1	12.5	12.8	13.5	14.2	14.9	15.6	16.3	16.9
55°	11.6	12.0	12.4	12.8	13.4	14.2	14.9	15.7	16.4	17.0	17.7
53.75°	11.9	12.3	12.7	13.3	14.1	14.9	15.7	16.4	17.1	17.8	18.4
52.5°	12.2	12.6	13.2	14.0	14.8	15.6	16.4	17.1	17.8	18.5	19.3
51.25°	12.5	12.9	13.8	14.6	15.5	16.3	17.0	17.8	18.5	19.4	20.3
50°	12.8	13.5	14.4	15.3	16.1	16.9	17.7	18.4	19.3	20.3	21.2
48.75°	13.2	14.1	15.0	15.9	16.7	17.5	18.3	19.2	20.2	21.1	22.1
47.5°	13.7	14.7	15.6	16.5	17.3	18.1	19.0	20.0	21.0	22.0	22.8
46.25°	14.2	15.2	16.1	17.0	17.9	18.7	19.8	20.8	21.9	22.7	23.4
45°	14.8	15.8	16.7	17.5	18.4	19.5	20.5	21.6	22.5	23.3	24.1
43.75°	15.3	16.3	17.2	18.1	19.1	20.2	21.3	22.3	23.1	24.0	24.8
42.5°	15.8	16.7	17.7	18.6	19.7	20.9	22.0	22.9	23.7	24.6	25.3
41.25°	16.2	17.2	18.1	19.2	20.4	21.6	22.6	23.5	24.3	25.1	25.9
40°	16.7	17.7	18.6	19.8	21.1	22.2	23.1	24.0	24.9	25.7	26.4
38.75°	17.1	18.1	19.2	20.5	21.7	22.7	23.6	24.6	25.4	26.2	27.0
37.5°	17.5	18.5	19.8	21.1	22.2	23.2	24.2	25.0	25.9	26.7	27.3
36.25°	17.9	19.0	20.3	21.6	22.7	23.7	24.6	25.5	26.3	27.1	27.6
35°	18.3	19.6	20.9	22.2	23.2	24.2	25.1	26.0	26.8	27.4	28.0



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	18.7	20.1	21.4	22.6	23.6	24.6	25.5	26.4	27.1	27.7	28.3
32.5°	19.2	20.5	21.9	23.0	24.0	25.0	25.9	26.8	27.4	28.0	28.6
31.25°	19.6	21.0	22.3	23.4	24.4	25.4	26.3	27.1	27.7	28.3	29.0
30°	20.1	21.5	22.7	23.8	24.8	25.8	26.7	27.4	28.0	28.6	29.4
28.75°	20.5	21.9	23.0	24.1	25.2	26.1	27.0	27.6	28.3	29.0	29.8
27.5°	20.9	22.3	23.4	24.5	25.5	26.5	27.2	27.9	28.5	29.3	30.1
26.25°	21.3	22.6	23.7	24.8	25.8	26.8	27.5	28.1	28.8	29.7	30.4
25°	21.6	22.9	24.0	25.1	26.1	27.0	27.7	28.3	29.1	30.0	30.7
23.75°	22.0	23.2	24.3	25.4	26.4	27.2	27.9	28.6	29.4	30.3	31.0
22.5°	22.3	23.4	24.6	25.6	26.7	27.4	28.1	28.9	29.7	30.5	31.2
21.25°	22.5	23.7	24.9	25.9	26.9	27.6	28.3	29.1	30.0	30.7	31.5
20°	22.7	23.9	25.1	26.1	27.1	27.8	28.5	29.4	30.2	31.0	31.7
18.75°	23.0	24.2	25.3	26.4	27.2	27.9	28.7	29.6	30.4	31.2	31.9
17.5°	23.2	24.4	25.5	26.6	27.4	28.1	28.9	29.8	30.6	31.4	32.1
16.25°	23.4	24.6	25.7	26.8	27.5	28.2	29.1	30.0	30.8	31.5	32.3
15°	23.5	24.8	25.9	26.9	27.7	28.4	29.3	30.2	31.0	31.7	32.4
13.75°	23.7	24.9	26.0	27.1	27.8	28.5	29.4	30.3	31.1	31.9	32.6
12.5°	23.9	25.1	26.2	27.2	27.9	28.7	29.6	30.5	31.2	32.0	32.7
11.25°	24.0	25.2	26.3	27.3	28.0	28.8	29.7	30.6	31.4	32.1	32.8
10°	24.1	25.3	26.4	27.3	28.1	28.9	29.8	30.7	31.5	32.2	33.0
8.75°	24.2	25.4	26.5	27.4	28.1	29.0	29.9	30.8	31.6	32.3	33.1
7.5°	24.3	25.5	26.6	27.5	28.2	29.1	30.0	30.9	31.7	32.4	33.2
6.25°	24.4	25.6	26.7	27.5	28.3	29.2	30.1	30.9	31.7	32.5	33.2
5°	24.5	25.6	26.8	27.6	28.3	29.2	30.2	31.0	31.8	32.5	33.3
3.75°	24.5	25.7	26.8	27.6	28.4	29.3	30.2	31.0	31.8	32.6	33.3
2.5°	24.6	25.7	26.9	27.6	28.4	29.3	30.3	31.1	31.9	32.6	33.4
1.25°	24.6	25.7	26.9	27.6	28.4	29.3	30.3	31.1	31.9	32.6	33.4
0°	24.6	25.8	26.9	27.7	28.4	29.4	30.3	31.1	31.9	32.7	33.4
-1.25°	24.6	25.7	26.9	27.6	28.4	29.3	30.3	31.1	31.9	32.6	33.4
-2.5°	24.6	25.7	26.9	27.6	28.4	29.3	30.3	31.1	31.9	32.6	33.4
-3.75°	24.5	25.7	26.8	27.6	28.4	29.3	30.2	31.0	31.8	32.6	33.3
-5°	24.5	25.6	26.8	27.6	28.3	29.2	30.2	31.0	31.8	32.5	33.3
-6.25°	24.4	25.6	26.7	27.5	28.3	29.2	30.1	30.9	31.7	32.5	33.2
-7.5°	24.3	25.5	26.6	27.5	28.2	29.1	30.0	30.9	31.7	32.4	33.2
-8.75°	24.2	25.4	26.5	27.4	28.1	29.0	29.9	30.8	31.6	32.3	33.1
-10°	24.1	25.3	26.4	27.3	28.1	28.9	29.8	30.7	31.5	32.2	33.0
-11.25°	24.0	25.2	26.3	27.3	28.0	28.8	29.7	30.6	31.4	32.1	32.8
-12.5°	23.9	25.1	26.2	27.2	27.9	28.7	29.6	30.5	31.2	32.0	32.7
-13.75°	23.7	24.9	26.0	27.1	27.8	28.5	29.4	30.3	31.1	31.9	32.6
-15°	23.5	24.8	25.9	26.9	27.7	28.4	29.3	30.2	31.0	31.7	32.4
-16.25°	23.4	24.6	25.7	26.8	27.5	28.2	29.1	30.0	30.8	31.5	32.3
-17.5°	23.2	24.4	25.5	26.6	27.4	28.1	28.9	29.8	30.6	31.4	32.1
-18.75°	23.0	24.2	25.3	26.4	27.2	27.9	28.7	29.6	30.4	31.2	31.9
-20°	22.7	23.9	25.1	26.1	27.1	27.8	28.5	29.4	30.2	31.0	31.7
-21.25°	22.5	23.7	24.9	25.9	26.9	27.6	28.3	29.1	30.0	30.7	31.5



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	22.3	23.4	24.6	25.6	26.7	27.4	28.1	28.9	29.7	30.5	31.2
-23.75°	22.0	23.2	24.3	25.4	26.4	27.2	27.9	28.6	29.4	30.3	31.0
-25°	21.6	22.9	24.0	25.1	26.1	27.0	27.7	28.3	29.1	30.0	30.7
-26.25°	21.3	22.6	23.7	24.8	25.8	26.8	27.5	28.1	28.8	29.7	30.4
-27.5°	20.9	22.3	23.4	24.5	25.5	26.5	27.2	27.9	28.5	29.3	30.1
-28.75°	20.5	21.9	23.0	24.1	25.2	26.1	27.0	27.6	28.3	29.0	29.8
-30°	20.1	21.5	22.7	23.8	24.8	25.8	26.7	27.4	28.0	28.6	29.4
-31.25°	19.6	21.0	22.3	23.4	24.4	25.4	26.3	27.1	27.7	28.3	29.0
-32.5°	19.2	20.5	21.9	23.0	24.0	25.0	25.9	26.8	27.4	28.0	28.6
-33.75°	18.7	20.1	21.4	22.6	23.6	24.6	25.5	26.4	27.1	27.7	28.3
-35°	18.3	19.6	20.9	22.2	23.2	24.2	25.1	26.0	26.8	27.4	28.0
-36.25°	17.9	19.0	20.3	21.6	22.7	23.7	24.6	25.5	26.3	27.1	27.6
-37.5°	17.5	18.5	19.8	21.1	22.2	23.2	24.2	25.0	25.9	26.7	27.3
-38.75°	17.1	18.1	19.2	20.5	21.7	22.7	23.6	24.6	25.4	26.2	27.0
-40°	16.7	17.7	18.6	19.8	21.1	22.2	23.1	24.0	24.9	25.7	26.4
-41.25°	16.2	17.2	18.1	19.2	20.4	21.6	22.6	23.5	24.3	25.1	25.9
-42.5°	15.8	16.7	17.7	18.6	19.7	20.9	22.0	22.9	23.7	24.6	25.3
-43.75°	15.3	16.3	17.2	18.1	19.1	20.2	21.3	22.3	23.1	24.0	24.8
-45°	14.8	15.8	16.7	17.5	18.4	19.5	20.5	21.6	22.5	23.3	24.1
-46.25°	14.2	15.2	16.1	17.0	17.9	18.7	19.8	20.8	21.9	22.7	23.4
-47.5°	13.7	14.7	15.6	16.5	17.3	18.1	19.0	20.0	21.0	22.0	22.8
-48.75°	13.2	14.1	15.0	15.9	16.7	17.5	18.3	19.2	20.2	21.1	22.1
-50°	12.8	13.5	14.4	15.3	16.1	16.9	17.7	18.4	19.3	20.3	21.2
-51.25°	12.5	12.9	13.8	14.6	15.5	16.3	17.0	17.8	18.5	19.4	20.3
-52.5°	12.2	12.6	13.2	14.0	14.8	15.6	16.4	17.1	17.8	18.5	19.3
-53.75°	11.9	12.3	12.7	13.3	14.1	14.9	15.7	16.4	17.1	17.8	18.4
-55°	11.6	12.0	12.4	12.8	13.4	14.2	14.9	15.7	16.4	17.0	17.7
-56.25°	11.3	11.7	12.1	12.5	12.8	13.5	14.2	14.9	15.6	16.3	16.9
-57.5°	11.0	11.4	11.8	12.1	12.5	12.8	13.4	14.1	14.8	15.5	16.1
-58.75°	10.7	11.1	11.4	11.8	12.1	12.5	12.8	13.3	14.0	14.6	15.3
-60°	10.4	10.7	11.1	11.4	11.8	12.1	12.4	12.7	13.2	13.8	14.4
-61.25°	10.1	10.4	10.7	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.5
-62.5°	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8
-63.75°	9.4	9.8	10.1	10.4	10.6	10.9	11.2	11.5	11.8	12.0	12.3
-65°	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.1	11.3	11.6	11.9
-66.25°	8.8	9.0	9.3	9.6	9.9	10.2	10.4	10.7	10.9	11.2	11.4
-67.5°	8.4	8.7	9.0	9.2	9.5	9.8	10.0	10.2	10.5	10.7	10.9
-68.75°	8.0	8.3	8.6	8.8	9.1	9.3	9.6	9.8	10.0	10.3	10.5
-70°	7.6	7.9	8.2	8.4	8.7	8.9	9.1	9.4	9.6	9.8	10.0
-71.25°	7.2	7.5	7.7	8.0	8.3	8.5	8.7	8.9	9.1	9.3	9.5
-72.5°	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.5	8.7	8.8	9.0
-73.75°	6.3	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.2	8.4	8.5
-75°	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0
-76.25°	5.3	5.6	5.8	6.0	6.3	6.5	6.7	6.8	7.0	7.2	7.4
-77.5°	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.8



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.1
-80°	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.4
-81.25°	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.7
-82.5°	2.8	2.9	3.0	3.2	3.3	3.4	3.6	3.7	3.8	3.9	4.0
-83.75°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
-85°	1.8	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.6
-86.25°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
-87.5°	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
-88.75°	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
87.5°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5
86.25°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4
85°	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3
83.75°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.2	4.2
82.5°	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.1
81.25°	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0
80°	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8
78.75°	6.3	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.6
77.5°	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.3
76.25°	7.6	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.9	9.0
75°	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.6
73.75°	8.7	8.9	9.0	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.2
72.5°	9.2	9.4	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.8
71.25°	9.7	9.9	10.1	10.3	10.5	10.6	10.8	11.0	11.1	11.3	11.4
70°	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.7	11.8	12.0
68.75°	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.4	12.6
67.5°	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13.1	13.5
66.25°	11.6	11.9	12.1	12.3	12.5	12.8	13.1	13.5	13.9	14.3	14.6
65°	12.1	12.4	12.6	12.8	13.2	13.7	14.1	14.6	15.0	15.4	15.8
63.75°	12.6	12.8	13.3	13.8	14.3	14.7	15.2	15.7	16.1	16.5	16.9
62.5°	13.2	13.7	14.2	14.8	15.3	15.8	16.2	16.7	17.1	17.5	17.9
61.25°	14.1	14.7	15.2	15.8	16.3	16.7	17.2	17.7	18.1	18.5	19.0
60°	15.0	15.6	16.1	16.7	17.2	17.7	18.1	18.6	19.2	19.8	20.3
58.75°	15.9	16.5	17.0	17.5	18.1	18.6	19.2	19.8	20.5	21.1	21.6
57.5°	16.7	17.3	17.9	18.4	19.1	19.7	20.4	21.1	21.7	22.2	22.7
56.25°	17.5	18.1	18.7	19.5	20.2	20.9	21.6	22.2	22.7	23.2	23.7
55°	18.3	19.0	19.8	20.5	21.3	22.0	22.6	23.1	23.6	24.2	24.6
53.75°	19.2	20.0	20.8	21.6	22.3	22.9	23.5	24.0	24.6	25.0	25.5
52.5°	20.2	21.0	21.9	22.5	23.1	23.7	24.3	24.9	25.4	25.9	26.3
51.25°	21.1	22.0	22.7	23.3	24.0	24.6	25.1	25.7	26.2	26.7	27.1
50°	22.1	22.8	23.4	24.1	24.8	25.3	25.9	26.4	27.0	27.3	27.6
48.75°	22.8	23.5	24.2	24.9	25.5	26.1	26.6	27.1	27.5	27.8	28.2
47.5°	23.5	24.2	24.9	25.6	26.2	26.8	27.2	27.6	28.0	28.3	28.8
46.25°	24.2	24.9	25.6	26.2	26.9	27.3	27.7	28.1	28.5	29.0	29.5
45°	24.9	25.6	26.2	26.9	27.3	27.8	28.2	28.6	29.1	29.6	30.1
43.75°	25.5	26.2	26.9	27.3	27.8	28.2	28.7	29.2	29.8	30.3	30.7
42.5°	26.1	26.8	27.3	27.8	28.2	28.7	29.3	29.8	30.4	30.8	31.2
41.25°	26.6	27.2	27.7	28.2	28.7	29.3	29.9	30.4	30.9	31.3	31.8
40°	27.1	27.6	28.1	28.6	29.2	29.8	30.4	30.9	31.4	31.9	32.3
38.75°	27.5	28.0	28.5	29.1	29.8	30.4	30.9	31.4	31.9	32.3	32.8
37.5°	27.8	28.3	29.0	29.6	30.3	30.8	31.3	31.9	32.3	32.8	33.3
36.25°	28.2	28.8	29.5	30.1	30.7	31.2	31.8	32.3	32.8	33.3	34.1
35°	28.5	29.2	29.9	30.6	31.1	31.7	32.2	32.7	33.2	34.0	35.0



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	29.0	29.7	30.4	30.9	31.5	32.1	32.6	33.1	33.9	34.9	35.9
32.5°	29.4	30.1	30.7	31.3	31.9	32.5	33.0	33.7	34.8	35.8	37.6
31.25°	29.8	30.5	31.1	31.7	32.3	32.8	33.4	34.5	35.6	37.1	40.2
30°	30.2	30.8	31.4	32.1	32.6	33.2	34.2	35.3	36.4	39.5	42.7
28.75°	30.5	31.1	31.8	32.4	33.0	33.7	34.9	36.0	38.6	41.9	45.1
27.5°	30.8	31.5	32.1	32.7	33.3	34.4	35.6	37.5	40.8	44.1	49.2
26.25°	31.1	31.8	32.4	33.0	33.9	35.1	36.3	39.5	43.0	47.3	53.2
25°	31.4	32.1	32.7	33.3	34.5	35.7	38.0	41.5	45.0	51.0	57.0
23.75°	31.7	32.3	33.0	33.8	35.1	36.3	39.8	43.4	48.4	54.6	60.8
22.5°	31.9	32.6	33.2	34.3	35.6	37.9	41.6	45.4	51.8	58.1	64.5
21.25°	32.2	32.8	33.6	34.9	36.2	39.5	43.3	48.5	55.0	61.5	68.1
20°	32.4	33.0	34.0	35.4	37.3	41.1	44.9	51.4	58.0	64.8	71.6
18.75°	32.6	33.3	34.5	35.8	38.7	42.6	47.5	54.2	61.0	67.9	74.8
17.5°	32.8	33.5	34.9	36.3	40.0	44.0	50.0	56.9	63.8	70.9	78.5
16.25°	33.0	33.9	35.3	37.3	41.3	45.5	52.4	59.4	66.5	73.7	82.2
15°	33.1	34.3	35.7	38.4	42.5	47.6	54.6	61.7	69.1	76.4	85.8
13.75°	33.3	34.6	36.0	39.5	43.6	49.6	56.7	64.0	71.4	79.6	89.0
12.5°	33.5	34.9	36.4	40.4	44.6	51.4	58.6	66.1	73.6	82.5	92.1
11.25°	33.7	35.2	37.1	41.3	45.8	53.1	60.4	68.0	75.6	85.1	94.8
10°	34.0	35.4	37.9	42.1	47.2	54.6	62.0	69.7	77.7	87.5	97.3
8.75°	34.2	35.7	38.5	42.8	48.5	55.9	63.4	71.2	79.7	89.6	99.6
7.5°	34.4	35.9	39.1	43.4	49.6	57.1	64.7	72.5	81.5	91.5	101.5
6.25°	34.5	36.0	39.6	43.9	50.5	58.0	65.8	73.6	83.0	93.1	103.2
5°	34.7	36.2	40.0	44.3	51.3	58.9	66.7	74.6	84.2	94.4	104.5
3.75°	34.8	36.3	40.3	44.7	51.9	59.5	67.4	75.3	85.2	95.4	105.6
2.5°	34.8	36.3	40.6	44.9	52.4	59.9	67.9	75.8	85.9	96.1	106.3
1.25°	34.9	36.4	40.7	45.1	52.6	60.2	68.2	76.1	86.3	96.6	106.8
0°	34.9	36.4	40.8	45.1	52.7	60.3	68.3	76.2	86.5	96.7	107.0
-1.25°	34.9	36.4	40.7	45.1	52.6	60.2	68.2	76.1	86.3	96.6	106.8
-2.5°	34.8	36.3	40.6	44.9	52.4	59.9	67.9	75.8	85.9	96.1	106.3
-3.75°	34.8	36.3	40.3	44.7	51.9	59.5	67.4	75.3	85.2	95.4	105.6
-5°	34.7	36.2	40.0	44.3	51.3	58.9	66.7	74.6	84.2	94.4	104.5
-6.25°	34.5	36.0	39.6	43.9	50.5	58.0	65.8	73.6	83.0	93.1	103.2
-7.5°	34.4	35.9	39.1	43.4	49.6	57.1	64.7	72.5	81.5	91.5	101.5
-8.75°	34.2	35.7	38.5	42.8	48.5	55.9	63.4	71.2	79.7	89.6	99.6
-10°	34.0	35.4	37.9	42.1	47.2	54.6	62.0	69.7	77.7	87.5	97.3
-11.25°	33.7	35.2	37.1	41.3	45.8	53.1	60.4	68.0	75.6	85.1	94.8
-12.5°	33.5	34.9	36.4	40.4	44.6	51.4	58.6	66.1	73.6	82.5	92.1
-13.75°	33.3	34.6	36.0	39.5	43.6	49.6	56.7	64.0	71.4	79.6	89.0
-15°	33.1	34.3	35.7	38.4	42.5	47.6	54.6	61.7	69.1	76.4	85.8
-16.25°	33.0	33.9	35.3	37.3	41.3	45.5	52.4	59.4	66.5	73.7	82.2
-17.5°	32.8	33.5	34.9	36.3	40.0	44.0	50.0	56.9	63.8	70.9	78.5
-18.75°	32.6	33.3	34.5	35.8	38.7	42.6	47.5	54.2	61.0	67.9	74.8
-20°	32.4	33.0	34.0	35.4	37.3	41.1	44.9	51.4	58.0	64.8	71.6
-21.25°	32.2	32.8	33.6	34.9	36.2	39.5	43.3	48.5	55.0	61.5	68.1



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	31.9	32.6	33.2	34.3	35.6	37.9	41.6	45.4	51.8	58.1	64.5
-23.75°	31.7	32.3	33.0	33.8	35.1	36.3	39.8	43.4	48.4	54.6	60.8
-25°	31.4	32.1	32.7	33.3	34.5	35.7	38.0	41.5	45.0	51.0	57.0
-26.25°	31.1	31.8	32.4	33.0	33.9	35.1	36.3	39.5	43.0	47.3	53.2
-27.5°	30.8	31.5	32.1	32.7	33.3	34.4	35.6	37.5	40.8	44.1	49.2
-28.75°	30.5	31.1	31.8	32.4	33.0	33.7	34.9	36.0	38.6	41.9	45.1
-30°	30.2	30.8	31.4	32.1	32.6	33.2	34.2	35.3	36.4	39.5	42.7
-31.25°	29.8	30.5	31.1	31.7	32.3	32.8	33.4	34.5	35.6	37.1	40.2
-32.5°	29.4	30.1	30.7	31.3	31.9	32.5	33.0	33.7	34.8	35.8	37.6
-33.75°	29.0	29.7	30.4	30.9	31.5	32.1	32.6	33.1	33.9	34.9	35.9
-35°	28.5	29.2	29.9	30.6	31.1	31.7	32.2	32.7	33.2	34.0	35.0
-36.25°	28.2	28.8	29.5	30.1	30.7	31.2	31.8	32.3	32.8	33.3	34.1
-37.5°	27.8	28.3	29.0	29.6	30.3	30.8	31.3	31.9	32.3	32.8	33.3
-38.75°	27.5	28.0	28.5	29.1	29.8	30.4	30.9	31.4	31.9	32.3	32.8
-40°	27.1	27.6	28.1	28.6	29.2	29.8	30.4	30.9	31.4	31.9	32.3
-41.25°	26.6	27.2	27.7	28.2	28.7	29.3	29.9	30.4	30.9	31.3	31.8
-42.5°	26.1	26.8	27.3	27.8	28.2	28.7	29.3	29.8	30.4	30.8	31.2
-43.75°	25.5	26.2	26.9	27.3	27.8	28.2	28.7	29.2	29.8	30.3	30.7
-45°	24.9	25.6	26.2	26.9	27.3	27.8	28.2	28.6	29.1	29.6	30.1
-46.25°	24.2	24.9	25.6	26.2	26.9	27.3	27.7	28.1	28.5	29.0	29.5
-47.5°	23.5	24.2	24.9	25.6	26.2	26.8	27.2	27.6	28.0	28.3	28.8
-48.75°	22.8	23.5	24.2	24.9	25.5	26.1	26.6	27.1	27.5	27.8	28.2
-50°	22.1	22.8	23.4	24.1	24.8	25.3	25.9	26.4	27.0	27.3	27.6
-51.25°	21.1	22.0	22.7	23.3	24.0	24.6	25.1	25.7	26.2	26.7	27.1
-52.5°	20.2	21.0	21.9	22.5	23.1	23.7	24.3	24.9	25.4	25.9	26.3
-53.75°	19.2	20.0	20.8	21.6	22.3	22.9	23.5	24.0	24.6	25.0	25.5
-55°	18.3	19.0	19.8	20.5	21.3	22.0	22.6	23.1	23.6	24.2	24.6
-56.25°	17.5	18.1	18.7	19.5	20.2	20.9	21.6	22.2	22.7	23.2	23.7
-57.5°	16.7	17.3	17.9	18.4	19.1	19.7	20.4	21.1	21.7	22.2	22.7
-58.75°	15.9	16.5	17.0	17.5	18.1	18.6	19.2	19.8	20.5	21.1	21.6
-60°	15.0	15.6	16.1	16.7	17.2	17.7	18.1	18.6	19.2	19.8	20.3
-61.25°	14.1	14.7	15.2	15.8	16.3	16.7	17.2	17.7	18.1	18.5	19.0
-62.5°	13.2	13.7	14.2	14.8	15.3	15.8	16.2	16.7	17.1	17.5	17.9
-63.75°	12.6	12.8	13.3	13.8	14.3	14.7	15.2	15.7	16.1	16.5	16.9
-65°	12.1	12.4	12.6	12.8	13.2	13.7	14.1	14.6	15.0	15.4	15.8
-66.25°	11.6	11.9	12.1	12.3	12.5	12.8	13.1	13.5	13.9	14.3	14.6
-67.5°	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13.1	13.5
-68.75°	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.4	12.6
-70°	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.7	11.8	12.0
-71.25°	9.7	9.9	10.1	10.3	10.5	10.6	10.8	11.0	11.1	11.3	11.4
-72.5°	9.2	9.4	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.8
-73.75°	8.7	8.9	9.0	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.2
-75°	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.6
-76.25°	7.6	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.7	8.9	9.0
-77.5°	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.3



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	6.3	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.4	7.5	7.6
-80°	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.8
-81.25°	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0
-82.5°	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.1
-83.75°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.2	4.2
-85°	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3
-86.25°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4
-87.5°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5
-88.75°	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
87.5°	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8
86.25°	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8
85°	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8
83.75°	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.9
82.5°	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8	5.8	5.9
81.25°	6.1	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8
80°	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7
78.75°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.5
77.5°	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3
76.25°	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.9	10.0
75°	9.7	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7
73.75°	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4
72.5°	11.0	11.1	11.2	11.3	11.5	11.6	11.7	11.8	11.9	12.0	12.1
71.25°	11.6	11.7	11.8	12.0	12.1	12.2	12.3	12.5	12.6	12.7	12.8
70°	12.2	12.3	12.5	12.6	12.7	12.9	13.1	13.3	13.6	13.8	14.0
68.75°	12.8	12.9	13.3	13.6	13.9	14.1	14.4	14.7	14.9	15.1	15.4
67.5°	13.8	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.2	16.4	16.7
66.25°	15.0	15.4	15.7	16.1	16.3	16.6	16.9	17.2	17.4	17.7	17.9
65°	16.2	16.5	16.9	17.2	17.5	17.8	18.1	18.4	18.6	18.9	19.3
63.75°	17.2	17.6	18.0	18.3	18.6	19.0	19.4	19.8	20.1	20.5	20.8
62.5°	18.3	18.7	19.2	19.6	20.1	20.5	20.9	21.3	21.6	22.0	22.3
61.25°	19.6	20.1	20.5	21.0	21.5	21.9	22.3	22.6	22.9	23.2	23.4
60°	20.9	21.4	21.9	22.3	22.7	23.0	23.4	23.7	24.0	24.3	24.6
58.75°	22.2	22.6	23.0	23.4	23.8	24.1	24.5	24.8	25.1	25.4	25.6
57.5°	23.2	23.6	24.0	24.4	24.8	25.2	25.5	25.8	26.1	26.4	26.7
56.25°	24.2	24.6	25.0	25.4	25.8	26.1	26.5	26.8	27.0	27.2	27.4
55°	25.1	25.5	25.9	26.3	26.7	27.0	27.2	27.5	27.7	27.9	28.1
53.75°	26.0	26.4	26.8	27.1	27.4	27.6	27.9	28.1	28.3	28.6	28.9
52.5°	26.8	27.1	27.4	27.7	28.0	28.3	28.5	28.8	29.1	29.4	29.7
51.25°	27.4	27.7	28.0	28.3	28.6	29.0	29.3	29.7	30.0	30.3	30.5
50°	28.0	28.3	28.6	29.0	29.4	29.8	30.1	30.4	30.7	31.0	31.2
48.75°	28.5	29.0	29.4	29.8	30.2	30.5	30.8	31.1	31.4	31.7	31.9
47.5°	29.2	29.7	30.1	30.5	30.8	31.1	31.5	31.8	32.1	32.3	32.6
46.25°	29.9	30.4	30.7	31.1	31.4	31.8	32.1	32.4	32.7	33.0	33.2
45°	30.6	30.9	31.3	31.7	32.1	32.4	32.7	33.0	33.3	33.8	34.3
43.75°	31.1	31.5	31.9	32.3	32.6	33.0	33.3	33.9	34.5	35.1	35.6
42.5°	31.7	32.1	32.5	32.8	33.2	33.7	34.4	35.1	35.7	36.3	37.9
41.25°	32.2	32.6	33.0	33.4	34.2	34.9	35.6	36.3	38.0	39.8	41.6
40°	32.7	33.1	33.7	34.5	35.3	36.0	37.5	39.5	41.5	43.4	45.4
38.75°	33.2	33.9	34.8	35.6	36.4	38.6	40.8	43.0	45.0	48.4	51.8
37.5°	34.0	34.9	35.8	37.1	39.5	41.9	44.1	47.3	51.0	54.6	58.1
36.25°	35.0	35.9	37.6	40.2	42.7	45.1	49.2	53.2	57.0	60.8	64.5
35°	36.0	37.9	40.6	43.2	46.2	50.6	54.8	59.0	63.1	67.1	71.0



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	37.9	40.7	43.5	46.9	51.5	56.0	60.4	64.9	69.2	73.4	77.8
32.5°	40.6	43.5	47.2	52.0	56.8	61.5	66.2	70.8	75.3	80.6	85.9
31.25°	43.2	46.9	52.0	57.0	62.0	67.0	71.8	76.7	82.7	88.4	94.0
30°	46.2	51.5	56.8	62.0	67.2	72.4	77.8	84.1	90.2	96.2	101.9
28.75°	50.6	56.0	61.5	67.0	72.4	78.1	84.8	91.3	97.7	103.8	109.8
27.5°	54.8	60.4	66.2	71.8	77.8	84.8	91.7	98.4	104.9	111.3	117.6
26.25°	59.0	64.9	70.8	76.7	84.1	91.3	98.4	105.3	112.1	119.2	127.7
25°	63.1	69.2	75.3	82.7	90.2	97.7	104.9	112.1	119.7	128.8	137.7
23.75°	67.1	73.4	80.6	88.4	96.2	103.8	111.3	119.2	128.8	138.3	147.9
22.5°	71.0	77.8	85.9	94.0	101.9	109.8	117.6	127.7	137.7	147.9	158.8
21.25°	74.7	82.8	91.1	99.4	107.5	115.5	125.6	136.1	146.6	158.2	169.5
20°	78.9	87.5	96.1	104.5	112.8	122.4	133.3	144.1	156.2	168.1	180.3
18.75°	83.3	92.1	100.8	109.4	118.2	129.6	140.8	152.9	165.4	177.9	192.1
17.5°	87.5	96.4	105.3	114.1	124.8	136.4	148.3	161.4	174.3	188.6	209.8
16.25°	91.4	100.5	109.5	119.0	131.0	142.8	156.1	169.5	183.7	203.0	235.3
15°	95.1	104.3	113.5	124.6	136.8	149.5	163.4	177.2	193.7	220.9	265.5
13.75°	98.5	107.9	117.3	129.8	142.2	156.1	170.3	185.5	207.5	246.1	300.1
12.5°	101.7	111.2	121.9	134.6	147.7	162.2	176.6	194.3	224.4	273.8	335.3
11.25°	104.5	114.2	126.2	139.1	153.0	167.8	183.4	205.6	245.1	302.3	369.0
10°	107.2	116.9	130.0	143.1	157.9	172.9	189.6	216.5	266.4	330.6	401.7
8.75°	109.5	120.1	133.4	146.9	162.2	177.5	197.3	232.6	288.6	357.0	431.1
7.5°	111.5	123.0	136.4	150.6	166.0	182.2	205.0	246.7	308.1	380.8	456.1
6.25°	113.2	125.4	138.9	153.6	169.2	186.1	211.5	259.6	326.8	401.9	477.4
5°	114.7	127.4	141.0	156.2	171.9	189.4	218.4	272.7	342.4	419.4	495.1
3.75°	115.8	129.0	142.7	158.2	174.0	192.1	225.9	283.0	354.6	433.1	507.9
2.5°	116.6	130.1	143.9	159.6	175.5	195.0	231.2	290.4	363.4	442.7	517.1
1.25°	117.0	130.8	144.6	160.5	176.4	196.8	234.4	294.9	368.7	448.4	522.6
0°	117.2	131.0	144.8	160.8	176.7	197.4	235.5	296.4	370.5	450.3	524.5
-1.25°	117.0	130.8	144.6	160.5	176.4	196.8	234.4	294.9	368.7	448.4	522.6
-2.5°	116.6	130.1	143.9	159.6	175.5	195.0	231.2	290.4	363.4	442.7	517.1
-3.75°	115.8	129.0	142.7	158.2	174.0	192.1	225.9	283.0	354.6	433.1	507.9
-5°	114.7	127.4	141.0	156.2	171.9	189.4	218.4	272.7	342.4	419.4	495.1
-6.25°	113.2	125.4	138.9	153.6	169.2	186.1	211.5	259.6	326.8	401.9	477.4
-7.5°	111.5	123.0	136.4	150.6	166.0	182.2	205.0	246.7	308.1	380.8	456.1
-8.75°	109.5	120.1	133.4	146.9	162.2	177.5	197.3	232.6	288.6	357.0	431.1
-10°	107.2	116.9	130.0	143.1	157.9	172.9	189.6	216.5	266.4	330.6	401.7
-11.25°	104.5	114.2	126.2	139.1	153.0	167.8	183.4	205.6	245.1	302.3	369.0
-12.5°	101.7	111.2	121.9	134.6	147.7	162.2	176.6	194.3	224.4	273.8	335.3
-13.75°	98.5	107.9	117.3	129.8	142.2	156.1	170.3	185.5	207.5	246.1	300.1
-15°	95.1	104.3	113.5	124.6	136.8	149.5	163.4	177.2	193.7	220.9	265.5
-16.25°	91.4	100.5	109.5	119.0	131.0	142.8	156.1	169.5	183.7	203.0	235.3
-17.5°	87.5	96.4	105.3	114.1	124.8	136.4	148.3	161.4	174.3	188.6	209.8
-18.75°	83.3	92.1	100.8	109.4	118.2	129.6	140.8	152.9	165.4	177.9	192.1
-20°	78.9	87.5	96.1	104.5	112.8	122.4	133.3	144.1	156.2	168.1	180.3
-21.25°	74.7	82.8	91.1	99.4	107.5	115.5	125.6	136.1	146.6	158.2	169.5



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	71.0	77.8	85.9	94.0	101.9	109.8	117.6	127.7	137.7	147.9	158.8
-23.75°	67.1	73.4	80.6	88.4	96.2	103.8	111.3	119.2	128.8	138.3	147.9
-25°	63.1	69.2	75.3	82.7	90.2	97.7	104.9	112.1	119.7	128.8	137.7
-26.25°	59.0	64.9	70.8	76.7	84.1	91.3	98.4	105.3	112.1	119.2	127.7
-27.5°	54.8	60.4	66.2	71.8	77.8	84.8	91.7	98.4	104.9	111.3	117.6
-28.75°	50.6	56.0	61.5	67.0	72.4	78.1	84.8	91.3	97.7	103.8	109.8
-30°	46.2	51.5	56.8	62.0	67.2	72.4	77.8	84.1	90.2	96.2	101.9
-31.25°	43.2	46.9	52.0	57.0	62.0	67.0	71.8	76.7	82.7	88.4	94.0
-32.5°	40.6	43.5	47.2	52.0	56.8	61.5	66.2	70.8	75.3	80.6	85.9
-33.75°	37.9	40.7	43.5	46.9	51.5	56.0	60.4	64.9	69.2	73.4	77.8
-35°	36.0	37.9	40.6	43.2	46.2	50.6	54.8	59.0	63.1	67.1	71.0
-36.25°	35.0	35.9	37.6	40.2	42.7	45.1	49.2	53.2	57.0	60.8	64.5
-37.5°	34.0	34.9	35.8	37.1	39.5	41.9	44.1	47.3	51.0	54.6	58.1
-38.75°	33.2	33.9	34.8	35.6	36.4	38.6	40.8	43.0	45.0	48.4	51.8
-40°	32.7	33.1	33.7	34.5	35.3	36.0	37.5	39.5	41.5	43.4	45.4
-41.25°	32.2	32.6	33.0	33.4	34.2	34.9	35.6	36.3	38.0	39.8	41.6
-42.5°	31.7	32.1	32.5	32.8	33.2	33.7	34.4	35.1	35.7	36.3	37.9
-43.75°	31.1	31.5	31.9	32.3	32.6	33.0	33.3	33.9	34.5	35.1	35.6
-45°	30.6	30.9	31.3	31.7	32.1	32.4	32.7	33.0	33.3	33.8	34.3
-46.25°	29.9	30.4	30.7	31.1	31.4	31.8	32.1	32.4	32.7	33.0	33.2
-47.5°	29.2	29.7	30.1	30.5	30.8	31.1	31.5	31.8	32.1	32.3	32.6
-48.75°	28.5	29.0	29.4	29.8	30.2	30.5	30.8	31.1	31.4	31.7	31.9
-50°	28.0	28.3	28.6	29.0	29.4	29.8	30.1	30.4	30.7	31.0	31.2
-51.25°	27.4	27.7	28.0	28.3	28.6	29.0	29.3	29.7	30.0	30.3	30.5
-52.5°	26.8	27.1	27.4	27.7	28.0	28.3	28.5	28.8	29.1	29.4	29.7
-53.75°	26.0	26.4	26.8	27.1	27.4	27.6	27.9	28.1	28.3	28.6	28.9
-55°	25.1	25.5	25.9	26.3	26.7	27.0	27.2	27.5	27.7	27.9	28.1
-56.25°	24.2	24.6	25.0	25.4	25.8	26.1	26.5	26.8	27.0	27.2	27.4
-57.5°	23.2	23.6	24.0	24.4	24.8	25.2	25.5	25.8	26.1	26.4	26.7
-58.75°	22.2	22.6	23.0	23.4	23.8	24.1	24.5	24.8	25.1	25.4	25.6
-60°	20.9	21.4	21.9	22.3	22.7	23.0	23.4	23.7	24.0	24.3	24.6
-61.25°	19.6	20.1	20.5	21.0	21.5	21.9	22.3	22.6	22.9	23.2	23.4
-62.5°	18.3	18.7	19.2	19.6	20.1	20.5	20.9	21.3	21.6	22.0	22.3
-63.75°	17.2	17.6	18.0	18.3	18.6	19.0	19.4	19.8	20.1	20.5	20.8
-65°	16.2	16.5	16.9	17.2	17.5	17.8	18.1	18.4	18.6	18.9	19.3
-66.25°	15.0	15.4	15.7	16.1	16.3	16.6	16.9	17.2	17.4	17.7	17.9
-67.5°	13.8	14.2	14.5	14.8	15.1	15.4	15.7	16.0	16.2	16.4	16.7
-68.75°	12.8	12.9	13.3	13.6	13.9	14.1	14.4	14.7	14.9	15.1	15.4
-70°	12.2	12.3	12.5	12.6	12.7	12.9	13.1	13.3	13.6	13.8	14.0
-71.25°	11.6	11.7	11.8	12.0	12.1	12.2	12.3	12.5	12.6	12.7	12.8
-72.5°	11.0	11.1	11.2	11.3	11.5	11.6	11.7	11.8	11.9	12.0	12.1
-73.75°	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4
-75°	9.7	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7
-76.25°	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.9	10.0
-77.5°	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.5
-80°	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7
-81.25°	6.1	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8
-82.5°	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8	5.8	5.9
-83.75°	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.9
-85°	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8
-86.25°	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8
-87.5°	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
86.25°	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
85°	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
83.75°	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
82.5°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
81.25°	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.2	7.3
80°	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.2
78.75°	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0
77.5°	9.3	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.7	9.8	9.8
76.25°	10.1	10.1	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.5	10.6
75°	10.8	10.8	10.9	11.0	11.0	11.1	11.1	11.2	11.2	11.3	11.3
73.75°	11.5	11.5	11.6	11.7	11.8	11.8	11.9	11.9	12.0	12.0	12.0
72.5°	12.2	12.2	12.3	12.4	12.5	12.5	12.6	12.6	12.7	12.7	12.8
71.25°	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.8	14.0	14.0	14.1
70°	14.2	14.4	14.6	14.7	14.9	15.0	15.2	15.3	15.4	15.5	15.6
68.75°	15.6	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.8	16.9	17.0
67.5°	16.9	17.1	17.2	17.4	17.6	17.7	17.9	18.0	18.1	18.2	18.3
66.25°	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.6	19.8	19.9
65°	19.5	19.8	20.1	20.3	20.6	20.8	21.0	21.1	21.3	21.4	21.6
63.75°	21.1	21.4	21.7	21.9	22.1	22.3	22.5	22.6	22.7	22.9	23.0
62.5°	22.5	22.7	23.0	23.2	23.4	23.5	23.7	23.9	24.0	24.1	24.2
61.25°	23.7	23.9	24.2	24.4	24.6	24.8	24.9	25.1	25.2	25.3	25.4
60°	24.9	25.1	25.3	25.5	25.7	25.9	26.0	26.2	26.3	26.4	26.5
58.75°	25.9	26.1	26.4	26.6	26.8	26.9	27.1	27.2	27.3	27.3	27.4
57.5°	26.9	27.1	27.2	27.4	27.5	27.7	27.8	27.9	28.0	28.1	28.1
56.25°	27.6	27.8	27.9	28.1	28.2	28.4	28.5	28.7	28.8	28.9	29.0
55°	28.3	28.5	28.7	28.9	29.1	29.3	29.4	29.6	29.7	29.8	29.9
53.75°	29.1	29.4	29.6	29.8	30.0	30.2	30.3	30.5	30.6	30.7	30.8
52.5°	30.0	30.2	30.4	30.6	30.8	31.0	31.1	31.2	31.4	31.5	31.6
51.25°	30.7	31.0	31.2	31.4	31.5	31.7	31.9	32.0	32.1	32.2	32.3
50°	31.5	31.7	31.9	32.1	32.3	32.4	32.6	32.7	32.8	33.0	33.1
48.75°	32.2	32.4	32.6	32.8	33.0	33.1	33.3	33.5	33.7	34.0	34.2
47.5°	32.8	33.0	33.3	33.5	33.9	34.3	34.6	34.9	35.2	35.4	35.7
46.25°	33.6	34.0	34.5	34.9	35.3	35.7	36.0	36.4	37.1	37.9	38.5
45°	34.9	35.4	35.8	36.3	37.3	38.4	39.5	40.4	41.3	42.1	42.8
43.75°	36.2	37.3	38.7	40.0	41.3	42.5	43.6	44.6	45.8	47.2	48.5
42.5°	39.5	41.1	42.6	44.0	45.5	47.6	49.6	51.4	53.1	54.6	55.9
41.25°	43.3	44.9	47.5	50.0	52.4	54.6	56.7	58.6	60.4	62.0	63.4
40°	48.5	51.4	54.2	56.9	59.4	61.7	64.0	66.1	68.0	69.7	71.2
38.75°	55.0	58.0	61.0	63.8	66.5	69.1	71.4	73.6	75.6	77.7	79.7
37.5°	61.5	64.8	67.9	70.9	73.7	76.4	79.6	82.5	85.1	87.5	89.6
36.25°	68.1	71.6	74.8	78.5	82.2	85.8	89.0	92.1	94.8	97.3	99.6
35°	74.7	78.9	83.3	87.5	91.4	95.1	98.5	101.7	104.5	107.2	109.5



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	82.8	87.5	92.1	96.4	100.5	104.3	107.9	111.2	114.2	116.9	120.1
32.5°	91.1	96.1	100.8	105.3	109.5	113.5	117.3	121.9	126.2	130.0	133.4
31.25°	99.4	104.5	109.4	114.1	119.0	124.6	129.8	134.6	139.1	143.1	146.9
30°	107.5	112.8	118.2	124.8	131.0	136.8	142.2	147.7	153.0	157.9	162.2
28.75°	115.5	122.4	129.6	136.4	142.8	149.5	156.1	162.2	167.8	172.9	177.5
27.5°	125.6	133.3	140.8	148.3	156.1	163.4	170.3	176.6	183.4	189.6	197.3
26.25°	136.1	144.1	152.9	161.4	169.5	177.2	185.5	194.3	205.6	216.5	232.6
25°	146.6	156.2	165.4	174.3	183.7	193.7	207.5	224.4	245.1	266.4	288.6
23.75°	158.2	168.1	177.9	188.6	203.0	220.9	246.1	273.8	302.3	330.6	357.0
22.5°	169.5	180.3	192.1	209.8	235.3	265.5	300.1	335.3	369.0	401.7	431.1
21.25°	181.2	194.8	213.9	245.0	281.8	321.4	362.2	402.3	439.7	472.6	501.8
20°	194.8	215.4	249.9	291.7	336.7	382.5	427.8	468.8	505.7	537.4	563.0
18.75°	213.9	249.9	295.0	344.3	395.1	444.6	490.0	529.5	562.9	588.9	606.5
17.5°	245.0	291.7	344.3	399.3	452.9	502.3	545.7	579.0	604.2	621.6	635.6
16.25°	281.8	336.7	395.1	452.9	506.2	553.5	588.9	612.8	631.5	647.4	662.7
15°	321.4	382.5	444.6	502.3	553.5	592.2	617.1	637.3	655.8	673.6	689.8
13.75°	362.2	427.8	490.0	545.7	588.9	617.1	639.2	660.1	680.3	699.1	716.4
12.5°	402.3	468.8	529.5	579.0	612.8	637.3	660.1	682.5	703.8	723.7	741.4
11.25°	439.7	505.7	562.9	604.2	631.5	655.8	680.3	703.8	726.1	746.4	768.3
10°	472.6	537.4	588.9	621.6	647.4	673.6	699.1	723.7	746.4	771.4	796.0
8.75°	501.8	563.0	606.5	635.6	662.7	689.8	716.4	741.4	768.3	796.0	822.7
7.5°	525.8	582.8	619.8	647.8	676.3	704.4	731.6	759.2	789.1	819.0	846.6
6.25°	546.4	598.4	630.3	658.9	688.2	717.1	744.7	775.7	807.9	839.2	866.8
5°	561.1	607.4	638.5	668.2	698.2	727.6	757.3	790.4	824.3	855.8	883.3
3.75°	571.5	614.5	645.0	675.6	706.1	735.8	767.6	802.3	837.2	868.4	895.4
2.5°	579.1	619.7	649.9	680.9	711.8	741.8	775.1	811.1	846.2	877.5	904.2
1.25°	583.7	622.8	652.9	684.1	715.3	745.4	780.0	816.5	851.7	883.1	909.3
0°	585.2	623.8	653.9	685.2	716.5	746.6	781.6	818.3	853.6	885.0	910.9
-1.25°	583.7	622.8	652.9	684.1	715.3	745.4	780.0	816.5	851.7	883.1	909.3
-2.5°	579.1	619.7	649.9	680.9	711.8	741.8	775.1	811.1	846.2	877.5	904.2
-3.75°	571.5	614.5	645.0	675.6	706.1	735.8	767.6	802.3	837.2	868.4	895.4
-5°	561.1	607.4	638.5	668.2	698.2	727.6	757.3	790.4	824.3	855.8	883.3
-6.25°	546.4	598.4	630.3	658.9	688.2	717.1	744.7	775.7	807.9	839.2	866.8
-7.5°	525.8	582.8	619.8	647.8	676.3	704.4	731.6	759.2	789.1	819.0	846.6
-8.75°	501.8	563.0	606.5	635.6	662.7	689.8	716.4	741.4	768.3	796.0	822.7
-10°	472.6	537.4	588.9	621.6	647.4	673.6	699.1	723.7	746.4	771.4	796.0
-11.25°	439.7	505.7	562.9	604.2	631.5	655.8	680.3	703.8	726.1	746.4	768.3
-12.5°	402.3	468.8	529.5	579.0	612.8	637.3	660.1	682.5	703.8	723.7	741.4
-13.75°	362.2	427.8	490.0	545.7	588.9	617.1	639.2	660.1	680.3	699.1	716.4
-15°	321.4	382.5	444.6	502.3	553.5	592.2	617.1	637.3	655.8	673.6	689.8
-16.25°	281.8	336.7	395.1	452.9	506.2	553.5	588.9	612.8	631.5	647.4	662.7
-17.5°	245.0	291.7	344.3	399.3	452.9	502.3	545.7	579.0	604.2	621.6	635.6
-18.75°	213.9	249.9	295.0	344.3	395.1	444.6	490.0	529.5	562.9	588.9	606.5
-20°	194.8	215.4	249.9	291.7	336.7	382.5	427.8	468.8	505.7	537.4	563.0
-21.25°	181.2	194.8	213.9	245.0	281.8	321.4	362.2	402.3	439.7	472.6	501.8



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	169.5	180.3	192.1	209.8	235.3	265.5	300.1	335.3	369.0	401.7	431.1
-23.75°	158.2	168.1	177.9	188.6	203.0	220.9	246.1	273.8	302.3	330.6	357.0
-25°	146.6	156.2	165.4	174.3	183.7	193.7	207.5	224.4	245.1	266.4	288.6
-26.25°	136.1	144.1	152.9	161.4	169.5	177.2	185.5	194.3	205.6	216.5	232.6
-27.5°	125.6	133.3	140.8	148.3	156.1	163.4	170.3	176.6	183.4	189.6	197.3
-28.75°	115.5	122.4	129.6	136.4	142.8	149.5	156.1	162.2	167.8	172.9	177.5
-30°	107.5	112.8	118.2	124.8	131.0	136.8	142.2	147.7	153.0	157.9	162.2
-31.25°	99.4	104.5	109.4	114.1	119.0	124.6	129.8	134.6	139.1	143.1	146.9
-32.5°	91.1	96.1	100.8	105.3	109.5	113.5	117.3	121.9	126.2	130.0	133.4
-33.75°	82.8	87.5	92.1	96.4	100.5	104.3	107.9	111.2	114.2	116.9	120.1
-35°	74.7	78.9	83.3	87.5	91.4	95.1	98.5	101.7	104.5	107.2	109.5
-36.25°	68.1	71.6	74.8	78.5	82.2	85.8	89.0	92.1	94.8	97.3	99.6
-37.5°	61.5	64.8	67.9	70.9	73.7	76.4	79.6	82.5	85.1	87.5	89.6
-38.75°	55.0	58.0	61.0	63.8	66.5	69.1	71.4	73.6	75.6	77.7	79.7
-40°	48.5	51.4	54.2	56.9	59.4	61.7	64.0	66.1	68.0	69.7	71.2
-41.25°	43.3	44.9	47.5	50.0	52.4	54.6	56.7	58.6	60.4	62.0	63.4
-42.5°	39.5	41.1	42.6	44.0	45.5	47.6	49.6	51.4	53.1	54.6	55.9
-43.75°	36.2	37.3	38.7	40.0	41.3	42.5	43.6	44.6	45.8	47.2	48.5
-45°	34.9	35.4	35.8	36.3	37.3	38.4	39.5	40.4	41.3	42.1	42.8
-46.25°	33.6	34.0	34.5	34.9	35.3	35.7	36.0	36.4	37.1	37.9	38.5
-47.5°	32.8	33.0	33.3	33.5	33.9	34.3	34.6	34.9	35.2	35.4	35.7
-48.75°	32.2	32.4	32.6	32.8	33.0	33.1	33.3	33.5	33.7	34.0	34.2
-50°	31.5	31.7	31.9	32.1	32.3	32.4	32.6	32.7	32.8	33.0	33.1
-51.25°	30.7	31.0	31.2	31.4	31.5	31.7	31.9	32.0	32.1	32.2	32.3
-52.5°	30.0	30.2	30.4	30.6	30.8	31.0	31.1	31.2	31.4	31.5	31.6
-53.75°	29.1	29.4	29.6	29.8	30.0	30.2	30.3	30.5	30.6	30.7	30.8
-55°	28.3	28.5	28.7	28.9	29.1	29.3	29.4	29.6	29.7	29.8	29.9
-56.25°	27.6	27.8	27.9	28.1	28.2	28.4	28.5	28.7	28.8	28.9	29.0
-57.5°	26.9	27.1	27.2	27.4	27.5	27.7	27.8	27.9	28.0	28.1	28.1
-58.75°	25.9	26.1	26.4	26.6	26.8	26.9	27.1	27.2	27.3	27.3	27.4
-60°	24.9	25.1	25.3	25.5	25.7	25.9	26.0	26.2	26.3	26.4	26.5
-61.25°	23.7	23.9	24.2	24.4	24.6	24.8	24.9	25.1	25.2	25.3	25.4
-62.5°	22.5	22.7	23.0	23.2	23.4	23.5	23.7	23.9	24.0	24.1	24.2
-63.75°	21.1	21.4	21.7	21.9	22.1	22.3	22.5	22.6	22.7	22.9	23.0
-65°	19.5	19.8	20.1	20.3	20.6	20.8	21.0	21.1	21.3	21.4	21.6
-66.25°	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.6	19.8	19.9
-67.5°	16.9	17.1	17.2	17.4	17.6	17.7	17.9	18.0	18.1	18.2	18.3
-68.75°	15.6	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.8	16.9	17.0
-70°	14.2	14.4	14.6	14.7	14.9	15.0	15.2	15.3	15.4	15.5	15.6
-71.25°	12.9	13.0	13.2	13.3	13.5	13.6	13.7	13.8	14.0	14.0	14.1
-72.5°	12.2	12.2	12.3	12.4	12.5	12.5	12.6	12.6	12.7	12.7	12.8
-73.75°	11.5	11.5	11.6	11.7	11.8	11.8	11.9	11.9	12.0	12.0	12.0
-75°	10.8	10.8	10.9	11.0	11.0	11.1	11.1	11.2	11.2	11.3	11.3
-76.25°	10.1	10.1	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.5	10.6
-77.5°	9.3	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.7	9.8	9.8



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0
-80°	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.2
-81.25°	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2	7.2	7.3
-82.5°	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3
-83.75°	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
-85°	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
-86.25°	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
83.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
82.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
81.25°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
80°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
78.75°	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
77.5°	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
76.25°	10.6	10.6	10.6	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.6
75°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
73.75°	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.1	12.1	12.1	12.1
72.5°	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
71.25°	14.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.3
70°	15.7	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
68.75°	17.0	17.1	17.2	17.2	17.2	17.2	17.3	17.2	17.2	17.2	17.2
67.5°	18.4	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
66.25°	20.0	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.2
65°	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
63.75°	23.0	23.1	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.2	23.2
62.5°	24.3	24.4	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.5	24.5
61.25°	25.5	25.6	25.6	25.7	25.7	25.7	25.8	25.7	25.7	25.7	25.6
60°	26.6	26.7	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.8	26.8
58.75°	27.5	27.5	27.6	27.6	27.6	27.6	27.7	27.6	27.6	27.6	27.6
57.5°	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.3
56.25°	29.1	29.2	29.2	29.3	29.3	29.3	29.4	29.3	29.3	29.3	29.2
55°	30.0	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.2	30.2
53.75°	30.9	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.0	31.0
52.5°	31.7	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.8	31.8
51.25°	32.4	32.5	32.5	32.6	32.6	32.6	32.7	32.6	32.6	32.6	32.5
50°	33.2	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.3	33.3
48.75°	34.4	34.5	34.7	34.8	34.8	34.9	34.9	34.9	34.8	34.8	34.7
47.5°	35.9	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2
46.25°	39.1	39.6	40.0	40.3	40.6	40.7	40.8	40.7	40.6	40.3	40.0
45°	43.4	43.9	44.3	44.7	44.9	45.1	45.1	45.1	44.9	44.7	44.3
43.75°	49.6	50.5	51.3	51.9	52.4	52.6	52.7	52.6	52.4	51.9	51.3
42.5°	57.1	58.0	58.9	59.5	59.9	60.2	60.3	60.2	59.9	59.5	58.9
41.25°	64.7	65.8	66.7	67.4	67.9	68.2	68.3	68.2	67.9	67.4	66.7
40°	72.5	73.6	74.6	75.3	75.8	76.1	76.2	76.1	75.8	75.3	74.6
38.75°	81.5	83.0	84.2	85.2	85.9	86.3	86.5	86.3	85.9	85.2	84.2
37.5°	91.5	93.1	94.4	95.4	96.1	96.6	96.7	96.6	96.1	95.4	94.4
36.25°	101.5	103.2	104.5	105.6	106.3	106.8	107.0	106.8	106.3	105.6	104.5
35°	111.5	113.2	114.7	115.8	116.6	117.0	117.2	117.0	116.6	115.8	114.7



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	123.0	125.4	127.4	129.0	130.1	130.8	131.0	130.8	130.1	129.0	127.4
32.5°	136.4	138.9	141.0	142.7	143.9	144.6	144.8	144.6	143.9	142.7	141.0
31.25°	150.6	153.6	156.2	158.2	159.6	160.5	160.8	160.5	159.6	158.2	156.2
30°	166.0	169.2	171.9	174.0	175.5	176.4	176.7	176.4	175.5	174.0	171.9
28.75°	182.2	186.1	189.4	192.1	195.0	196.8	197.4	196.8	195.0	192.1	189.4
27.5°	205.0	211.5	218.4	225.9	231.2	234.4	235.5	234.4	231.2	225.9	218.4
26.25°	246.7	259.6	272.7	283.0	290.4	294.9	296.4	294.9	290.4	283.0	272.7
25°	308.1	326.8	342.4	354.6	363.4	368.7	370.5	368.7	363.4	354.6	342.4
23.75°	380.8	401.9	419.4	433.1	442.7	448.4	450.3	448.4	442.7	433.1	419.4
22.5°	456.1	477.4	495.1	507.9	517.1	522.6	524.5	522.6	517.1	507.9	495.1
21.25°	525.8	546.4	561.1	571.5	579.1	583.7	585.2	583.7	579.1	571.5	561.1
20°	582.8	598.4	607.4	614.5	619.7	622.8	623.8	622.8	619.7	614.5	607.4
18.75°	619.8	630.3	638.5	645.0	649.9	652.9	653.9	652.9	649.9	645.0	638.5
17.5°	647.8	658.9	668.2	675.6	680.9	684.1	685.2	684.1	680.9	675.6	668.2
16.25°	676.3	688.2	698.2	706.1	711.8	715.3	716.5	715.3	711.8	706.1	698.2
15°	704.4	717.1	727.6	735.8	741.8	745.4	746.6	745.4	741.8	735.8	727.6
13.75°	731.6	744.7	757.3	767.6	775.1	780.0	781.6	780.0	775.1	767.6	757.3
12.5°	759.2	775.7	790.4	802.3	811.1	816.5	818.3	816.5	811.1	802.3	790.4
11.25°	789.1	807.9	824.3	837.2	846.2	851.7	853.6	851.7	846.2	837.2	824.3
10°	819.0	839.2	855.8	868.4	877.5	883.1	885.0	883.1	877.5	868.4	855.8
8.75°	846.6	866.8	883.3	895.4	904.2	909.3	910.9	909.3	904.2	895.4	883.3
7.5°	870.5	890.3	906.2	917.8	926.2	930.5	932.0	930.5	926.2	917.8	906.2
6.25°	890.3	909.4	924.8	935.1	941.9	945.4	946.6	945.4	941.9	935.1	924.8
5°	906.2	924.8	938.2	946.7	951.1	953.2	954.0	953.2	951.1	946.7	938.2
3.75°	917.8	935.1	946.7	952.5	955.1	956.3	956.3	956.3	955.1	952.5	946.7
2.5°	926.2	941.9	951.1	955.1	956.3	956.0	955.6	956.0	956.3	955.1	951.1
1.25°	930.5	945.4	953.2	956.3	956.0	955.0	955.3	955.0	956.0	956.3	953.2
0°	932.0	946.6	954.0	956.3	955.6	955.3	958.2	955.3	955.6	956.3	954.0
-1.25°	930.5	945.4	953.2	956.3	956.0	955.0	955.3	955.0	956.0	956.3	953.2
-2.5°	926.2	941.9	951.1	955.1	956.3	956.0	955.6	956.0	956.3	955.1	951.1
-3.75°	917.8	935.1	946.7	952.5	955.1	956.3	956.3	956.3	955.1	952.5	946.7
-5°	906.2	924.8	938.2	946.7	951.1	953.2	954.0	953.2	951.1	946.7	938.2
-6.25°	890.3	909.4	924.8	935.1	941.9	945.4	946.6	945.4	941.9	935.1	924.8
-7.5°	870.5	890.3	906.2	917.8	926.2	930.5	932.0	930.5	926.2	917.8	906.2
-8.75°	846.6	866.8	883.3	895.4	904.2	909.3	910.9	909.3	904.2	895.4	883.3
-10°	819.0	839.2	855.8	868.4	877.5	883.1	885.0	883.1	877.5	868.4	855.8
-11.25°	789.1	807.9	824.3	837.2	846.2	851.7	853.6	851.7	846.2	837.2	824.3
-12.5°	759.2	775.7	790.4	802.3	811.1	816.5	818.3	816.5	811.1	802.3	790.4
-13.75°	731.6	744.7	757.3	767.6	775.1	780.0	781.6	780.0	775.1	767.6	757.3
-15°	704.4	717.1	727.6	735.8	741.8	745.4	746.6	745.4	741.8	735.8	727.6
-16.25°	676.3	688.2	698.2	706.1	711.8	715.3	716.5	715.3	711.8	706.1	698.2
-17.5°	647.8	658.9	668.2	675.6	680.9	684.1	685.2	684.1	680.9	675.6	668.2
-18.75°	619.8	630.3	638.5	645.0	649.9	652.9	653.9	652.9	649.9	645.0	638.5
-20°	582.8	598.4	607.4	614.5	619.7	622.8	623.8	622.8	619.7	614.5	607.4
-21.25°	525.8	546.4	561.1	571.5	579.1	583.7	585.2	583.7	579.1	571.5	561.1



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	456.1	477.4	495.1	507.9	517.1	522.6	524.5	522.6	517.1	507.9	495.1
-23.75°	380.8	401.9	419.4	433.1	442.7	448.4	450.3	448.4	442.7	433.1	419.4
-25°	308.1	326.8	342.4	354.6	363.4	368.7	370.5	368.7	363.4	354.6	342.4
-26.25°	246.7	259.6	272.7	283.0	290.4	294.9	296.4	294.9	290.4	283.0	272.7
-27.5°	205.0	211.5	218.4	225.9	231.2	234.4	235.5	234.4	231.2	225.9	218.4
-28.75°	182.2	186.1	189.4	192.1	195.0	196.8	197.4	196.8	195.0	192.1	189.4
-30°	166.0	169.2	171.9	174.0	175.5	176.4	176.7	176.4	175.5	174.0	171.9
-31.25°	150.6	153.6	156.2	158.2	159.6	160.5	160.8	160.5	159.6	158.2	156.2
-32.5°	136.4	138.9	141.0	142.7	143.9	144.6	144.8	144.6	143.9	142.7	141.0
-33.75°	123.0	125.4	127.4	129.0	130.1	130.8	131.0	130.8	130.1	129.0	127.4
-35°	111.5	113.2	114.7	115.8	116.6	117.0	117.2	117.0	116.6	115.8	114.7
-36.25°	101.5	103.2	104.5	105.6	106.3	106.8	107.0	106.8	106.3	105.6	104.5
-37.5°	91.5	93.1	94.4	95.4	96.1	96.6	96.7	96.6	96.1	95.4	94.4
-38.75°	81.5	83.0	84.2	85.2	85.9	86.3	86.5	86.3	85.9	85.2	84.2
-40°	72.5	73.6	74.6	75.3	75.8	76.1	76.2	76.1	75.8	75.3	74.6
-41.25°	64.7	65.8	66.7	67.4	67.9	68.2	68.3	68.2	67.9	67.4	66.7
-42.5°	57.1	58.0	58.9	59.5	59.9	60.2	60.3	60.2	59.9	59.5	58.9
-43.75°	49.6	50.5	51.3	51.9	52.4	52.6	52.7	52.6	52.4	51.9	51.3
-45°	43.4	43.9	44.3	44.7	44.9	45.1	45.1	45.1	44.9	44.7	44.3
-46.25°	39.1	39.6	40.0	40.3	40.6	40.7	40.8	40.7	40.6	40.3	40.0
-47.5°	35.9	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2
-48.75°	34.4	34.5	34.7	34.8	34.8	34.9	34.9	34.9	34.8	34.8	34.7
-50°	33.2	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.3	33.3
-51.25°	32.4	32.5	32.5	32.6	32.6	32.6	32.7	32.6	32.6	32.6	32.5
-52.5°	31.7	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.8	31.8
-53.75°	30.9	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.0	31.0
-55°	30.0	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.2	30.2
-56.25°	29.1	29.2	29.2	29.3	29.3	29.3	29.4	29.3	29.3	29.3	29.2
-57.5°	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.3
-58.75°	27.5	27.5	27.6	27.6	27.6	27.6	27.7	27.6	27.6	27.6	27.6
-60°	26.6	26.7	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.8	26.8
-61.25°	25.5	25.6	25.6	25.7	25.7	25.7	25.8	25.7	25.7	25.7	25.6
-62.5°	24.3	24.4	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.5	24.5
-63.75°	23.0	23.1	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.2	23.2
-65°	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
-66.25°	20.0	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.2	20.2
-67.5°	18.4	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
-68.75°	17.0	17.1	17.2	17.2	17.2	17.2	17.3	17.2	17.2	17.2	17.2
-70°	15.7	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.8	15.8
-71.25°	14.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.3
-72.5°	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
-73.75°	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.1	12.1	12.1	12.1
-75°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-76.25°	10.6	10.6	10.6	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.6
-77.5°	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-80°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-81.25°	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.3	7.3	7.3	7.3
-82.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
-83.75°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9
85°	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
83.75°	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
82.5°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
81.25°	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0
80°	8.3	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9
78.75°	9.1	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7
77.5°	9.9	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5
76.25°	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.2
75°	11.3	11.3	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	10.9
73.75°	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.6
72.5°	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.3
71.25°	14.3	14.2	14.1	14.0	14.0	13.8	13.7	13.6	13.5	13.3	13.2
70°	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.0	14.9	14.7	14.6
68.75°	17.1	17.0	17.0	16.9	16.8	16.7	16.6	16.4	16.3	16.1	16.0
67.5°	18.4	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.6	17.4	17.2
66.25°	20.1	20.0	19.9	19.8	19.6	19.5	19.3	19.1	18.9	18.7	18.5
65°	21.8	21.7	21.6	21.4	21.3	21.1	21.0	20.8	20.6	20.3	20.1
63.75°	23.1	23.0	23.0	22.9	22.7	22.6	22.5	22.3	22.1	21.9	21.7
62.5°	24.4	24.3	24.2	24.1	24.0	23.9	23.7	23.5	23.4	23.2	23.0
61.25°	25.6	25.5	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.4	24.2
60°	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.7	25.5	25.3
58.75°	27.5	27.5	27.4	27.3	27.3	27.2	27.1	26.9	26.8	26.6	26.4
57.5°	28.3	28.2	28.1	28.1	28.0	27.9	27.8	27.7	27.5	27.4	27.2
56.25°	29.2	29.1	29.0	28.9	28.8	28.7	28.5	28.4	28.2	28.1	27.9
55°	30.1	30.0	29.9	29.8	29.7	29.6	29.4	29.3	29.1	28.9	28.7
53.75°	30.9	30.9	30.8	30.7	30.6	30.5	30.3	30.2	30.0	29.8	29.6
52.5°	31.7	31.7	31.6	31.5	31.4	31.2	31.1	31.0	30.8	30.6	30.4
51.25°	32.5	32.4	32.3	32.2	32.1	32.0	31.9	31.7	31.5	31.4	31.2
50°	33.2	33.2	33.1	33.0	32.8	32.7	32.6	32.4	32.3	32.1	31.9
48.75°	34.5	34.4	34.2	34.0	33.7	33.5	33.3	33.1	33.0	32.8	32.6
47.5°	36.0	35.9	35.7	35.4	35.2	34.9	34.6	34.3	33.9	33.5	33.3
46.25°	39.6	39.1	38.5	37.9	37.1	36.4	36.0	35.7	35.3	34.9	34.5
45°	43.9	43.4	42.8	42.1	41.3	40.4	39.5	38.4	37.3	36.3	35.8
43.75°	50.5	49.6	48.5	47.2	45.8	44.6	43.6	42.5	41.3	40.0	38.7
42.5°	58.0	57.1	55.9	54.6	53.1	51.4	49.6	47.6	45.5	44.0	42.6
41.25°	65.8	64.7	63.4	62.0	60.4	58.6	56.7	54.6	52.4	50.0	47.5
40°	73.6	72.5	71.2	69.7	68.0	66.1	64.0	61.7	59.4	56.9	54.2
38.75°	83.0	81.5	79.7	77.7	75.6	73.6	71.4	69.1	66.5	63.8	61.0
37.5°	93.1	91.5	89.6	87.5	85.1	82.5	79.6	76.4	73.7	70.9	67.9
36.25°	103.2	101.5	99.6	97.3	94.8	92.1	89.0	85.8	82.2	78.5	74.8
35°	113.2	111.5	109.5	107.2	104.5	101.7	98.5	95.1	91.4	87.5	83.3



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	125.4	123.0	120.1	116.9	114.2	111.2	107.9	104.3	100.5	96.4	92.1
32.5°	138.9	136.4	133.4	130.0	126.2	121.9	117.3	113.5	109.5	105.3	100.8
31.25°	153.6	150.6	146.9	143.1	139.1	134.6	129.8	124.6	119.0	114.1	109.4
30°	169.2	166.0	162.2	157.9	153.0	147.7	142.2	136.8	131.0	124.8	118.2
28.75°	186.1	182.2	177.5	172.9	167.8	162.2	156.1	149.5	142.8	136.4	129.6
27.5°	211.5	205.0	197.3	189.6	183.4	176.6	170.3	163.4	156.1	148.3	140.8
26.25°	259.6	246.7	232.6	216.5	205.6	194.3	185.5	177.2	169.5	161.4	152.9
25°	326.8	308.1	288.6	266.4	245.1	224.4	207.5	193.7	183.7	174.3	165.4
23.75°	401.9	380.8	357.0	330.6	302.3	273.8	246.1	220.9	203.0	188.6	177.9
22.5°	477.4	456.1	431.1	401.7	369.0	335.3	300.1	265.5	235.3	209.8	192.1
21.25°	546.4	525.8	501.8	472.6	439.7	402.3	362.2	321.4	281.8	245.0	213.9
20°	598.4	582.8	563.0	537.4	505.7	468.8	427.8	382.5	336.7	291.7	249.9
18.75°	630.3	619.8	606.5	588.9	562.9	529.5	490.0	444.6	395.1	344.3	295.0
17.5°	658.9	647.8	635.6	621.6	604.2	579.0	545.7	502.3	452.9	399.3	344.3
16.25°	688.2	676.3	662.7	647.4	631.5	612.8	588.9	553.5	506.2	452.9	395.1
15°	717.1	704.4	689.8	673.6	655.8	637.3	617.1	592.2	553.5	502.3	444.6
13.75°	744.7	731.6	716.4	699.1	680.3	660.1	639.2	617.1	588.9	545.7	490.0
12.5°	775.7	759.2	741.4	723.7	703.8	682.5	660.1	637.3	612.8	579.0	529.5
11.25°	807.9	789.1	768.3	746.4	726.1	703.8	680.3	655.8	631.5	604.2	562.9
10°	839.2	819.0	796.0	771.4	746.4	723.7	699.1	673.6	647.4	621.6	588.9
8.75°	866.8	846.6	822.7	796.0	768.3	741.4	716.4	689.8	662.7	635.6	606.5
7.5°	890.3	870.5	846.6	819.0	789.1	759.2	731.6	704.4	676.3	647.8	619.8
6.25°	909.4	890.3	866.8	839.2	807.9	775.7	744.7	717.1	688.2	658.9	630.3
5°	924.8	906.2	883.3	855.8	824.3	790.4	757.3	727.6	698.2	668.2	638.5
3.75°	935.1	917.8	895.4	868.4	837.2	802.3	767.6	735.8	706.1	675.6	645.0
2.5°	941.9	926.2	904.2	877.5	846.2	811.1	775.1	741.8	711.8	680.9	649.9
1.25°	945.4	930.5	909.3	883.1	851.7	816.5	780.0	745.4	715.3	684.1	652.9
0°	946.6	932.0	910.9	885.0	853.6	818.3	781.6	746.6	716.5	685.2	653.9
-1.25°	945.4	930.5	909.3	883.1	851.7	816.5	780.0	745.4	715.3	684.1	652.9
-2.5°	941.9	926.2	904.2	877.5	846.2	811.1	775.1	741.8	711.8	680.9	649.9
-3.75°	935.1	917.8	895.4	868.4	837.2	802.3	767.6	735.8	706.1	675.6	645.0
-5°	924.8	906.2	883.3	855.8	824.3	790.4	757.3	727.6	698.2	668.2	638.5
-6.25°	909.4	890.3	866.8	839.2	807.9	775.7	744.7	717.1	688.2	658.9	630.3
-7.5°	890.3	870.5	846.6	819.0	789.1	759.2	731.6	704.4	676.3	647.8	619.8
-8.75°	866.8	846.6	822.7	796.0	768.3	741.4	716.4	689.8	662.7	635.6	606.5
-10°	839.2	819.0	796.0	771.4	746.4	723.7	699.1	673.6	647.4	621.6	588.9
-11.25°	807.9	789.1	768.3	746.4	726.1	703.8	680.3	655.8	631.5	604.2	562.9
-12.5°	775.7	759.2	741.4	723.7	703.8	682.5	660.1	637.3	612.8	579.0	529.5
-13.75°	744.7	731.6	716.4	699.1	680.3	660.1	639.2	617.1	588.9	545.7	490.0
-15°	717.1	704.4	689.8	673.6	655.8	637.3	617.1	592.2	553.5	502.3	444.6
-16.25°	688.2	676.3	662.7	647.4	631.5	612.8	588.9	553.5	506.2	452.9	395.1
-17.5°	658.9	647.8	635.6	621.6	604.2	579.0	545.7	502.3	452.9	399.3	344.3
-18.75°	630.3	619.8	606.5	588.9	562.9	529.5	490.0	444.6	395.1	344.3	295.0
-20°	598.4	582.8	563.0	537.4	505.7	468.8	427.8	382.5	336.7	291.7	249.9
-21.25°	546.4	525.8	501.8	472.6	439.7	402.3	362.2	321.4	281.8	245.0	213.9



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	477.4	456.1	431.1	401.7	369.0	335.3	300.1	265.5	235.3	209.8	192.1
-23.75°	401.9	380.8	357.0	330.6	302.3	273.8	246.1	220.9	203.0	188.6	177.9
-25°	326.8	308.1	288.6	266.4	245.1	224.4	207.5	193.7	183.7	174.3	165.4
-26.25°	259.6	246.7	232.6	216.5	205.6	194.3	185.5	177.2	169.5	161.4	152.9
-27.5°	211.5	205.0	197.3	189.6	183.4	176.6	170.3	163.4	156.1	148.3	140.8
-28.75°	186.1	182.2	177.5	172.9	167.8	162.2	156.1	149.5	142.8	136.4	129.6
-30°	169.2	166.0	162.2	157.9	153.0	147.7	142.2	136.8	131.0	124.8	118.2
-31.25°	153.6	150.6	146.9	143.1	139.1	134.6	129.8	124.6	119.0	114.1	109.4
-32.5°	138.9	136.4	133.4	130.0	126.2	121.9	117.3	113.5	109.5	105.3	100.8
-33.75°	125.4	123.0	120.1	116.9	114.2	111.2	107.9	104.3	100.5	96.4	92.1
-35°	113.2	111.5	109.5	107.2	104.5	101.7	98.5	95.1	91.4	87.5	83.3
-36.25°	103.2	101.5	99.6	97.3	94.8	92.1	89.0	85.8	82.2	78.5	74.8
-37.5°	93.1	91.5	89.6	87.5	85.1	82.5	79.6	76.4	73.7	70.9	67.9
-38.75°	83.0	81.5	79.7	77.7	75.6	73.6	71.4	69.1	66.5	63.8	61.0
-40°	73.6	72.5	71.2	69.7	68.0	66.1	64.0	61.7	59.4	56.9	54.2
-41.25°	65.8	64.7	63.4	62.0	60.4	58.6	56.7	54.6	52.4	50.0	47.5
-42.5°	58.0	57.1	55.9	54.6	53.1	51.4	49.6	47.6	45.5	44.0	42.6
-43.75°	50.5	49.6	48.5	47.2	45.8	44.6	43.6	42.5	41.3	40.0	38.7
-45°	43.9	43.4	42.8	42.1	41.3	40.4	39.5	38.4	37.3	36.3	35.8
-46.25°	39.6	39.1	38.5	37.9	37.1	36.4	36.0	35.7	35.3	34.9	34.5
-47.5°	36.0	35.9	35.7	35.4	35.2	34.9	34.6	34.3	33.9	33.5	33.3
-48.75°	34.5	34.4	34.2	34.0	33.7	33.5	33.3	33.1	33.0	32.8	32.6
-50°	33.2	33.2	33.1	33.0	32.8	32.7	32.6	32.4	32.3	32.1	31.9
-51.25°	32.5	32.4	32.3	32.2	32.1	32.0	31.9	31.7	31.5	31.4	31.2
-52.5°	31.7	31.7	31.6	31.5	31.4	31.2	31.1	31.0	30.8	30.6	30.4
-53.75°	30.9	30.9	30.8	30.7	30.6	30.5	30.3	30.2	30.0	29.8	29.6
-55°	30.1	30.0	29.9	29.8	29.7	29.6	29.4	29.3	29.1	28.9	28.7
-56.25°	29.2	29.1	29.0	28.9	28.8	28.7	28.5	28.4	28.2	28.1	27.9
-57.5°	28.3	28.2	28.1	28.1	28.0	27.9	27.8	27.7	27.5	27.4	27.2
-58.75°	27.5	27.5	27.4	27.3	27.3	27.2	27.1	26.9	26.8	26.6	26.4
-60°	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9	25.7	25.5	25.3
-61.25°	25.6	25.5	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.4	24.2
-62.5°	24.4	24.3	24.2	24.1	24.0	23.9	23.7	23.5	23.4	23.2	23.0
-63.75°	23.1	23.0	23.0	22.9	22.7	22.6	22.5	22.3	22.1	21.9	21.7
-65°	21.8	21.7	21.6	21.4	21.3	21.1	21.0	20.8	20.6	20.3	20.1
-66.25°	20.1	20.0	19.9	19.8	19.6	19.5	19.3	19.1	18.9	18.7	18.5
-67.5°	18.4	18.4	18.3	18.2	18.1	18.0	17.9	17.7	17.6	17.4	17.2
-68.75°	17.1	17.0	17.0	16.9	16.8	16.7	16.6	16.4	16.3	16.1	16.0
-70°	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.0	14.9	14.7	14.6
-71.25°	14.3	14.2	14.1	14.0	14.0	13.8	13.7	13.6	13.5	13.3	13.2
-72.5°	12.8	12.8	12.8	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.3
-73.75°	12.1	12.1	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.6
-75°	11.3	11.3	11.3	11.3	11.2	11.2	11.1	11.1	11.0	11.0	10.9
-76.25°	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.2
-77.5°	9.9	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	9.1	9.0	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7
-80°	8.3	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9
-81.25°	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0
-82.5°	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0
-83.75°	5.3	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
-85°	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
-86.25°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
87.5°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
86.25°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5
85°	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
83.75°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4
82.5°	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.4
81.25°	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.5	6.4	6.3
80°	7.8	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
78.75°	8.7	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.0	7.9
77.5°	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.6
76.25°	10.1	10.1	10.0	9.9	9.9	9.8	9.7	9.6	9.5	9.4	9.3
75°	10.8	10.8	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.1	10.0
73.75°	11.5	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6
72.5°	12.2	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.3	11.2
71.25°	13.0	12.9	12.8	12.7	12.6	12.5	12.3	12.2	12.1	12.0	11.8
70°	14.4	14.2	14.0	13.8	13.6	13.3	13.1	12.9	12.7	12.6	12.5
68.75°	15.8	15.6	15.4	15.1	14.9	14.7	14.4	14.1	13.9	13.6	13.3
67.5°	17.1	16.9	16.7	16.4	16.2	16.0	15.7	15.4	15.1	14.8	14.5
66.25°	18.3	18.1	17.9	17.7	17.4	17.2	16.9	16.6	16.3	16.1	15.7
65°	19.8	19.5	19.3	18.9	18.6	18.4	18.1	17.8	17.5	17.2	16.9
63.75°	21.4	21.1	20.8	20.5	20.1	19.8	19.4	19.0	18.6	18.3	18.0
62.5°	22.7	22.5	22.3	22.0	21.6	21.3	20.9	20.5	20.1	19.6	19.2
61.25°	23.9	23.7	23.4	23.2	22.9	22.6	22.3	21.9	21.5	21.0	20.5
60°	25.1	24.9	24.6	24.3	24.0	23.7	23.4	23.0	22.7	22.3	21.9
58.75°	26.1	25.9	25.6	25.4	25.1	24.8	24.5	24.1	23.8	23.4	23.0
57.5°	27.1	26.9	26.7	26.4	26.1	25.8	25.5	25.2	24.8	24.4	24.0
56.25°	27.8	27.6	27.4	27.2	27.0	26.8	26.5	26.1	25.8	25.4	25.0
55°	28.5	28.3	28.1	27.9	27.7	27.5	27.2	27.0	26.7	26.3	25.9
53.75°	29.4	29.1	28.9	28.6	28.3	28.1	27.9	27.6	27.4	27.1	26.8
52.5°	30.2	30.0	29.7	29.4	29.1	28.8	28.5	28.3	28.0	27.7	27.4
51.25°	31.0	30.7	30.5	30.3	30.0	29.7	29.3	29.0	28.6	28.3	28.0
50°	31.7	31.5	31.2	31.0	30.7	30.4	30.1	29.8	29.4	29.0	28.6
48.75°	32.4	32.2	31.9	31.7	31.4	31.1	30.8	30.5	30.2	29.8	29.4
47.5°	33.0	32.8	32.6	32.3	32.1	31.8	31.5	31.1	30.8	30.5	30.1
46.25°	34.0	33.6	33.2	33.0	32.7	32.4	32.1	31.8	31.4	31.1	30.7
45°	35.4	34.9	34.3	33.8	33.3	33.0	32.7	32.4	32.1	31.7	31.3
43.75°	37.3	36.2	35.6	35.1	34.5	33.9	33.3	33.0	32.6	32.3	31.9
42.5°	41.1	39.5	37.9	36.3	35.7	35.1	34.4	33.7	33.2	32.8	32.5
41.25°	44.9	43.3	41.6	39.8	38.0	36.3	35.6	34.9	34.2	33.4	33.0
40°	51.4	48.5	45.4	43.4	41.5	39.5	37.5	36.0	35.3	34.5	33.7
38.75°	58.0	55.0	51.8	48.4	45.0	43.0	40.8	38.6	36.4	35.6	34.8
37.5°	64.8	61.5	58.1	54.6	51.0	47.3	44.1	41.9	39.5	37.1	35.8
36.25°	71.6	68.1	64.5	60.8	57.0	53.2	49.2	45.1	42.7	40.2	37.6
35°	78.9	74.7	71.0	67.1	63.1	59.0	54.8	50.6	46.2	43.2	40.6



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	87.5	82.8	77.8	73.4	69.2	64.9	60.4	56.0	51.5	46.9	43.5
32.5°	96.1	91.1	85.9	80.6	75.3	70.8	66.2	61.5	56.8	52.0	47.2
31.25°	104.5	99.4	94.0	88.4	82.7	76.7	71.8	67.0	62.0	57.0	52.0
30°	112.8	107.5	101.9	96.2	90.2	84.1	77.8	72.4	67.2	62.0	56.8
28.75°	122.4	115.5	109.8	103.8	97.7	91.3	84.8	78.1	72.4	67.0	61.5
27.5°	133.3	125.6	117.6	111.3	104.9	98.4	91.7	84.8	77.8	71.8	66.2
26.25°	144.1	136.1	127.7	119.2	112.1	105.3	98.4	91.3	84.1	76.7	70.8
25°	156.2	146.6	137.7	128.8	119.7	112.1	104.9	97.7	90.2	82.7	75.3
23.75°	168.1	158.2	147.9	138.3	128.8	119.2	111.3	103.8	96.2	88.4	80.6
22.5°	180.3	169.5	158.8	147.9	137.7	127.7	117.6	109.8	101.9	94.0	85.9
21.25°	194.8	181.2	169.5	158.2	146.6	136.1	125.6	115.5	107.5	99.4	91.1
20°	215.4	194.8	180.3	168.1	156.2	144.1	133.3	122.4	112.8	104.5	96.1
18.75°	249.9	213.9	192.1	177.9	165.4	152.9	140.8	129.6	118.2	109.4	100.8
17.5°	291.7	245.0	209.8	188.6	174.3	161.4	148.3	136.4	124.8	114.1	105.3
16.25°	336.7	281.8	235.3	203.0	183.7	169.5	156.1	142.8	131.0	119.0	109.5
15°	382.5	321.4	265.5	220.9	193.7	177.2	163.4	149.5	136.8	124.6	113.5
13.75°	427.8	362.2	300.1	246.1	207.5	185.5	170.3	156.1	142.2	129.8	117.3
12.5°	468.8	402.3	335.3	273.8	224.4	194.3	176.6	162.2	147.7	134.6	121.9
11.25°	505.7	439.7	369.0	302.3	245.1	205.6	183.4	167.8	153.0	139.1	126.2
10°	537.4	472.6	401.7	330.6	266.4	216.5	189.6	172.9	157.9	143.1	130.0
8.75°	563.0	501.8	431.1	357.0	288.6	232.6	197.3	177.5	162.2	146.9	133.4
7.5°	582.8	525.8	456.1	380.8	308.1	246.7	205.0	182.2	166.0	150.6	136.4
6.25°	598.4	546.4	477.4	401.9	326.8	259.6	211.5	186.1	169.2	153.6	138.9
5°	607.4	561.1	495.1	419.4	342.4	272.7	218.4	189.4	171.9	156.2	141.0
3.75°	614.5	571.5	507.9	433.1	354.6	283.0	225.9	192.1	174.0	158.2	142.7
2.5°	619.7	579.1	517.1	442.7	363.4	290.4	231.2	195.0	175.5	159.6	143.9
1.25°	622.8	583.7	522.6	448.4	368.7	294.9	234.4	196.8	176.4	160.5	144.6
0°	623.8	585.2	524.5	450.3	370.5	296.4	235.5	197.4	176.7	160.8	144.8
-1.25°	622.8	583.7	522.6	448.4	368.7	294.9	234.4	196.8	176.4	160.5	144.6
-2.5°	619.7	579.1	517.1	442.7	363.4	290.4	231.2	195.0	175.5	159.6	143.9
-3.75°	614.5	571.5	507.9	433.1	354.6	283.0	225.9	192.1	174.0	158.2	142.7
-5°	607.4	561.1	495.1	419.4	342.4	272.7	218.4	189.4	171.9	156.2	141.0
-6.25°	598.4	546.4	477.4	401.9	326.8	259.6	211.5	186.1	169.2	153.6	138.9
-7.5°	582.8	525.8	456.1	380.8	308.1	246.7	205.0	182.2	166.0	150.6	136.4
-8.75°	563.0	501.8	431.1	357.0	288.6	232.6	197.3	177.5	162.2	146.9	133.4
-10°	537.4	472.6	401.7	330.6	266.4	216.5	189.6	172.9	157.9	143.1	130.0
-11.25°	505.7	439.7	369.0	302.3	245.1	205.6	183.4	167.8	153.0	139.1	126.2
-12.5°	468.8	402.3	335.3	273.8	224.4	194.3	176.6	162.2	147.7	134.6	121.9
-13.75°	427.8	362.2	300.1	246.1	207.5	185.5	170.3	156.1	142.2	129.8	117.3
-15°	382.5	321.4	265.5	220.9	193.7	177.2	163.4	149.5	136.8	124.6	113.5
-16.25°	336.7	281.8	235.3	203.0	183.7	169.5	156.1	142.8	131.0	119.0	109.5
-17.5°	291.7	245.0	209.8	188.6	174.3	161.4	148.3	136.4	124.8	114.1	105.3
-18.75°	249.9	213.9	192.1	177.9	165.4	152.9	140.8	129.6	118.2	109.4	100.8
-20°	215.4	194.8	180.3	168.1	156.2	144.1	133.3	122.4	112.8	104.5	96.1
-21.25°	194.8	181.2	169.5	158.2	146.6	136.1	125.6	115.5	107.5	99.4	91.1



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	180.3	169.5	158.8	147.9	137.7	127.7	117.6	109.8	101.9	94.0	85.9
-23.75°	168.1	158.2	147.9	138.3	128.8	119.2	111.3	103.8	96.2	88.4	80.6
-25°	156.2	146.6	137.7	128.8	119.7	112.1	104.9	97.7	90.2	82.7	75.3
-26.25°	144.1	136.1	127.7	119.2	112.1	105.3	98.4	91.3	84.1	76.7	70.8
-27.5°	133.3	125.6	117.6	111.3	104.9	98.4	91.7	84.8	77.8	71.8	66.2
-28.75°	122.4	115.5	109.8	103.8	97.7	91.3	84.8	78.1	72.4	67.0	61.5
-30°	112.8	107.5	101.9	96.2	90.2	84.1	77.8	72.4	67.2	62.0	56.8
-31.25°	104.5	99.4	94.0	88.4	82.7	76.7	71.8	67.0	62.0	57.0	52.0
-32.5°	96.1	91.1	85.9	80.6	75.3	70.8	66.2	61.5	56.8	52.0	47.2
-33.75°	87.5	82.8	77.8	73.4	69.2	64.9	60.4	56.0	51.5	46.9	43.5
-35°	78.9	74.7	71.0	67.1	63.1	59.0	54.8	50.6	46.2	43.2	40.6
-36.25°	71.6	68.1	64.5	60.8	57.0	53.2	49.2	45.1	42.7	40.2	37.6
-37.5°	64.8	61.5	58.1	54.6	51.0	47.3	44.1	41.9	39.5	37.1	35.8
-38.75°	58.0	55.0	51.8	48.4	45.0	43.0	40.8	38.6	36.4	35.6	34.8
-40°	51.4	48.5	45.4	43.4	41.5	39.5	37.5	36.0	35.3	34.5	33.7
-41.25°	44.9	43.3	41.6	39.8	38.0	36.3	35.6	34.9	34.2	33.4	33.0
-42.5°	41.1	39.5	37.9	36.3	35.7	35.1	34.4	33.7	33.2	32.8	32.5
-43.75°	37.3	36.2	35.6	35.1	34.5	33.9	33.3	33.0	32.6	32.3	31.9
-45°	35.4	34.9	34.3	33.8	33.3	33.0	32.7	32.4	32.1	31.7	31.3
-46.25°	34.0	33.6	33.2	33.0	32.7	32.4	32.1	31.8	31.4	31.1	30.7
-47.5°	33.0	32.8	32.6	32.3	32.1	31.8	31.5	31.1	30.8	30.5	30.1
-48.75°	32.4	32.2	31.9	31.7	31.4	31.1	30.8	30.5	30.2	29.8	29.4
-50°	31.7	31.5	31.2	31.0	30.7	30.4	30.1	29.8	29.4	29.0	28.6
-51.25°	31.0	30.7	30.5	30.3	30.0	29.7	29.3	29.0	28.6	28.3	28.0
-52.5°	30.2	30.0	29.7	29.4	29.1	28.8	28.5	28.3	28.0	27.7	27.4
-53.75°	29.4	29.1	28.9	28.6	28.3	28.1	27.9	27.6	27.4	27.1	26.8
-55°	28.5	28.3	28.1	27.9	27.7	27.5	27.2	27.0	26.7	26.3	25.9
-56.25°	27.8	27.6	27.4	27.2	27.0	26.8	26.5	26.1	25.8	25.4	25.0
-57.5°	27.1	26.9	26.7	26.4	26.1	25.8	25.5	25.2	24.8	24.4	24.0
-58.75°	26.1	25.9	25.6	25.4	25.1	24.8	24.5	24.1	23.8	23.4	23.0
-60°	25.1	24.9	24.6	24.3	24.0	23.7	23.4	23.0	22.7	22.3	21.9
-61.25°	23.9	23.7	23.4	23.2	22.9	22.6	22.3	21.9	21.5	21.0	20.5
-62.5°	22.7	22.5	22.3	22.0	21.6	21.3	20.9	20.5	20.1	19.6	19.2
-63.75°	21.4	21.1	20.8	20.5	20.1	19.8	19.4	19.0	18.6	18.3	18.0
-65°	19.8	19.5	19.3	18.9	18.6	18.4	18.1	17.8	17.5	17.2	16.9
-66.25°	18.3	18.1	17.9	17.7	17.4	17.2	16.9	16.6	16.3	16.1	15.7
-67.5°	17.1	16.9	16.7	16.4	16.2	16.0	15.7	15.4	15.1	14.8	14.5
-68.75°	15.8	15.6	15.4	15.1	14.9	14.7	14.4	14.1	13.9	13.6	13.3
-70°	14.4	14.2	14.0	13.8	13.6	13.3	13.1	12.9	12.7	12.6	12.5
-71.25°	13.0	12.9	12.8	12.7	12.6	12.5	12.3	12.2	12.1	12.0	11.8
-72.5°	12.2	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.3	11.2
-73.75°	11.5	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6
-75°	10.8	10.8	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.1	10.0
-76.25°	10.1	10.1	10.0	9.9	9.9	9.8	9.7	9.6	9.5	9.4	9.3
-77.5°	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.6



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	8.7	8.6	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.0	7.9
-80°	7.8	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
-81.25°	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.5	6.5	6.4	6.3
-82.5°	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.4
-83.75°	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4
-85°	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5
-86.25°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5
-87.5°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
-88.75°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
87.5°	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3
86.25°	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0
85°	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8
83.75°	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6
82.5°	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4
81.25°	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.2	5.1
80°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9
78.75°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.6
77.5°	8.5	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2
76.25°	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1	7.9
75°	9.9	9.7	9.6	9.5	9.4	9.2	9.1	8.9	8.8	8.6	8.5
73.75°	10.5	10.4	10.2	10.1	10.0	9.8	9.7	9.5	9.4	9.2	9.0
72.5°	11.1	11.0	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.8	9.6
71.25°	11.7	11.6	11.4	11.3	11.1	11.0	10.8	10.6	10.5	10.3	10.1
70°	12.3	12.2	12.0	11.8	11.7	11.5	11.3	11.2	11.0	10.8	10.6
68.75°	12.9	12.8	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3	11.1
67.5°	14.2	13.8	13.5	13.1	12.8	12.6	12.4	12.2	12.0	11.8	11.6
66.25°	15.4	15.0	14.6	14.3	13.9	13.5	13.1	12.8	12.5	12.3	12.1
65°	16.5	16.2	15.8	15.4	15.0	14.6	14.1	13.7	13.2	12.8	12.6
63.75°	17.6	17.2	16.9	16.5	16.1	15.7	15.2	14.7	14.3	13.8	13.3
62.5°	18.7	18.3	17.9	17.5	17.1	16.7	16.2	15.8	15.3	14.8	14.2
61.25°	20.1	19.6	19.0	18.5	18.1	17.7	17.2	16.7	16.3	15.8	15.2
60°	21.4	20.9	20.3	19.8	19.2	18.6	18.1	17.7	17.2	16.7	16.1
58.75°	22.6	22.2	21.6	21.1	20.5	19.8	19.2	18.6	18.1	17.5	17.0
57.5°	23.6	23.2	22.7	22.2	21.7	21.1	20.4	19.7	19.1	18.4	17.9
56.25°	24.6	24.2	23.7	23.2	22.7	22.2	21.6	20.9	20.2	19.5	18.7
55°	25.5	25.1	24.6	24.2	23.6	23.1	22.6	22.0	21.3	20.5	19.8
53.75°	26.4	26.0	25.5	25.0	24.6	24.0	23.5	22.9	22.3	21.6	20.8
52.5°	27.1	26.8	26.3	25.9	25.4	24.9	24.3	23.7	23.1	22.5	21.9
51.25°	27.7	27.4	27.1	26.7	26.2	25.7	25.1	24.6	24.0	23.3	22.7
50°	28.3	28.0	27.6	27.3	27.0	26.4	25.9	25.3	24.8	24.1	23.4
48.75°	29.0	28.5	28.2	27.8	27.5	27.1	26.6	26.1	25.5	24.9	24.2
47.5°	29.7	29.2	28.8	28.3	28.0	27.6	27.2	26.8	26.2	25.6	24.9
46.25°	30.4	29.9	29.5	29.0	28.5	28.1	27.7	27.3	26.9	26.2	25.6
45°	30.9	30.6	30.1	29.6	29.1	28.6	28.2	27.8	27.3	26.9	26.2
43.75°	31.5	31.1	30.7	30.3	29.8	29.2	28.7	28.2	27.8	27.3	26.9
42.5°	32.1	31.7	31.2	30.8	30.4	29.8	29.3	28.7	28.2	27.8	27.3
41.25°	32.6	32.2	31.8	31.3	30.9	30.4	29.9	29.3	28.7	28.2	27.7
40°	33.1	32.7	32.3	31.9	31.4	30.9	30.4	29.8	29.2	28.6	28.1
38.75°	33.9	33.2	32.8	32.3	31.9	31.4	30.9	30.4	29.8	29.1	28.5
37.5°	34.9	34.0	33.3	32.8	32.3	31.9	31.3	30.8	30.3	29.6	29.0
36.25°	35.9	35.0	34.1	33.3	32.8	32.3	31.8	31.2	30.7	30.1	29.5
35°	37.9	36.0	35.0	34.0	33.2	32.7	32.2	31.7	31.1	30.6	29.9



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	40.7	37.9	35.9	34.9	33.9	33.1	32.6	32.1	31.5	30.9	30.4
32.5°	43.5	40.6	37.6	35.8	34.8	33.7	33.0	32.5	31.9	31.3	30.7
31.25°	46.9	43.2	40.2	37.1	35.6	34.5	33.4	32.8	32.3	31.7	31.1
30°	51.5	46.2	42.7	39.5	36.4	35.3	34.2	33.2	32.6	32.1	31.4
28.75°	56.0	50.6	45.1	41.9	38.6	36.0	34.9	33.7	33.0	32.4	31.8
27.5°	60.4	54.8	49.2	44.1	40.8	37.5	35.6	34.4	33.3	32.7	32.1
26.25°	64.9	59.0	53.2	47.3	43.0	39.5	36.3	35.1	33.9	33.0	32.4
25°	69.2	63.1	57.0	51.0	45.0	41.5	38.0	35.7	34.5	33.3	32.7
23.75°	73.4	67.1	60.8	54.6	48.4	43.4	39.8	36.3	35.1	33.8	33.0
22.5°	77.8	71.0	64.5	58.1	51.8	45.4	41.6	37.9	35.6	34.3	33.2
21.25°	82.8	74.7	68.1	61.5	55.0	48.5	43.3	39.5	36.2	34.9	33.6
20°	87.5	78.9	71.6	64.8	58.0	51.4	44.9	41.1	37.3	35.4	34.0
18.75°	92.1	83.3	74.8	67.9	61.0	54.2	47.5	42.6	38.7	35.8	34.5
17.5°	96.4	87.5	78.5	70.9	63.8	56.9	50.0	44.0	40.0	36.3	34.9
16.25°	100.5	91.4	82.2	73.7	66.5	59.4	52.4	45.5	41.3	37.3	35.3
15°	104.3	95.1	85.8	76.4	69.1	61.7	54.6	47.6	42.5	38.4	35.7
13.75°	107.9	98.5	89.0	79.6	71.4	64.0	56.7	49.6	43.6	39.5	36.0
12.5°	111.2	101.7	92.1	82.5	73.6	66.1	58.6	51.4	44.6	40.4	36.4
11.25°	114.2	104.5	94.8	85.1	75.6	68.0	60.4	53.1	45.8	41.3	37.1
10°	116.9	107.2	97.3	87.5	77.7	69.7	62.0	54.6	47.2	42.1	37.9
8.75°	120.1	109.5	99.6	89.6	79.7	71.2	63.4	55.9	48.5	42.8	38.5
7.5°	123.0	111.5	101.5	91.5	81.5	72.5	64.7	57.1	49.6	43.4	39.1
6.25°	125.4	113.2	103.2	93.1	83.0	73.6	65.8	58.0	50.5	43.9	39.6
5°	127.4	114.7	104.5	94.4	84.2	74.6	66.7	58.9	51.3	44.3	40.0
3.75°	129.0	115.8	105.6	95.4	85.2	75.3	67.4	59.5	51.9	44.7	40.3
2.5°	130.1	116.6	106.3	96.1	85.9	75.8	67.9	59.9	52.4	44.9	40.6
1.25°	130.8	117.0	106.8	96.6	86.3	76.1	68.2	60.2	52.6	45.1	40.7
0°	131.0	117.2	107.0	96.7	86.5	76.2	68.3	60.3	52.7	45.1	40.8
-1.25°	130.8	117.0	106.8	96.6	86.3	76.1	68.2	60.2	52.6	45.1	40.7
-2.5°	130.1	116.6	106.3	96.1	85.9	75.8	67.9	59.9	52.4	44.9	40.6
-3.75°	129.0	115.8	105.6	95.4	85.2	75.3	67.4	59.5	51.9	44.7	40.3
-5°	127.4	114.7	104.5	94.4	84.2	74.6	66.7	58.9	51.3	44.3	40.0
-6.25°	125.4	113.2	103.2	93.1	83.0	73.6	65.8	58.0	50.5	43.9	39.6
-7.5°	123.0	111.5	101.5	91.5	81.5	72.5	64.7	57.1	49.6	43.4	39.1
-8.75°	120.1	109.5	99.6	89.6	79.7	71.2	63.4	55.9	48.5	42.8	38.5
-10°	116.9	107.2	97.3	87.5	77.7	69.7	62.0	54.6	47.2	42.1	37.9
-11.25°	114.2	104.5	94.8	85.1	75.6	68.0	60.4	53.1	45.8	41.3	37.1
-12.5°	111.2	101.7	92.1	82.5	73.6	66.1	58.6	51.4	44.6	40.4	36.4
-13.75°	107.9	98.5	89.0	79.6	71.4	64.0	56.7	49.6	43.6	39.5	36.0
-15°	104.3	95.1	85.8	76.4	69.1	61.7	54.6	47.6	42.5	38.4	35.7
-16.25°	100.5	91.4	82.2	73.7	66.5	59.4	52.4	45.5	41.3	37.3	35.3
-17.5°	96.4	87.5	78.5	70.9	63.8	56.9	50.0	44.0	40.0	36.3	34.9
-18.75°	92.1	83.3	74.8	67.9	61.0	54.2	47.5	42.6	38.7	35.8	34.5
-20°	87.5	78.9	71.6	64.8	58.0	51.4	44.9	41.1	37.3	35.4	34.0
-21.25°	82.8	74.7	68.1	61.5	55.0	48.5	43.3	39.5	36.2	34.9	33.6



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	77.8	71.0	64.5	58.1	51.8	45.4	41.6	37.9	35.6	34.3	33.2
-23.75°	73.4	67.1	60.8	54.6	48.4	43.4	39.8	36.3	35.1	33.8	33.0
-25°	69.2	63.1	57.0	51.0	45.0	41.5	38.0	35.7	34.5	33.3	32.7
-26.25°	64.9	59.0	53.2	47.3	43.0	39.5	36.3	35.1	33.9	33.0	32.4
-27.5°	60.4	54.8	49.2	44.1	40.8	37.5	35.6	34.4	33.3	32.7	32.1
-28.75°	56.0	50.6	45.1	41.9	38.6	36.0	34.9	33.7	33.0	32.4	31.8
-30°	51.5	46.2	42.7	39.5	36.4	35.3	34.2	33.2	32.6	32.1	31.4
-31.25°	46.9	43.2	40.2	37.1	35.6	34.5	33.4	32.8	32.3	31.7	31.1
-32.5°	43.5	40.6	37.6	35.8	34.8	33.7	33.0	32.5	31.9	31.3	30.7
-33.75°	40.7	37.9	35.9	34.9	33.9	33.1	32.6	32.1	31.5	30.9	30.4
-35°	37.9	36.0	35.0	34.0	33.2	32.7	32.2	31.7	31.1	30.6	29.9
-36.25°	35.9	35.0	34.1	33.3	32.8	32.3	31.8	31.2	30.7	30.1	29.5
-37.5°	34.9	34.0	33.3	32.8	32.3	31.9	31.3	30.8	30.3	29.6	29.0
-38.75°	33.9	33.2	32.8	32.3	31.9	31.4	30.9	30.4	29.8	29.1	28.5
-40°	33.1	32.7	32.3	31.9	31.4	30.9	30.4	29.8	29.2	28.6	28.1
-41.25°	32.6	32.2	31.8	31.3	30.9	30.4	29.9	29.3	28.7	28.2	27.7
-42.5°	32.1	31.7	31.2	30.8	30.4	29.8	29.3	28.7	28.2	27.8	27.3
-43.75°	31.5	31.1	30.7	30.3	29.8	29.2	28.7	28.2	27.8	27.3	26.9
-45°	30.9	30.6	30.1	29.6	29.1	28.6	28.2	27.8	27.3	26.9	26.2
-46.25°	30.4	29.9	29.5	29.0	28.5	28.1	27.7	27.3	26.9	26.2	25.6
-47.5°	29.7	29.2	28.8	28.3	28.0	27.6	27.2	26.8	26.2	25.6	24.9
-48.75°	29.0	28.5	28.2	27.8	27.5	27.1	26.6	26.1	25.5	24.9	24.2
-50°	28.3	28.0	27.6	27.3	27.0	26.4	25.9	25.3	24.8	24.1	23.4
-51.25°	27.7	27.4	27.1	26.7	26.2	25.7	25.1	24.6	24.0	23.3	22.7
-52.5°	27.1	26.8	26.3	25.9	25.4	24.9	24.3	23.7	23.1	22.5	21.9
-53.75°	26.4	26.0	25.5	25.0	24.6	24.0	23.5	22.9	22.3	21.6	20.8
-55°	25.5	25.1	24.6	24.2	23.6	23.1	22.6	22.0	21.3	20.5	19.8
-56.25°	24.6	24.2	23.7	23.2	22.7	22.2	21.6	20.9	20.2	19.5	18.7
-57.5°	23.6	23.2	22.7	22.2	21.7	21.1	20.4	19.7	19.1	18.4	17.9
-58.75°	22.6	22.2	21.6	21.1	20.5	19.8	19.2	18.6	18.1	17.5	17.0
-60°	21.4	20.9	20.3	19.8	19.2	18.6	18.1	17.7	17.2	16.7	16.1
-61.25°	20.1	19.6	19.0	18.5	18.1	17.7	17.2	16.7	16.3	15.8	15.2
-62.5°	18.7	18.3	17.9	17.5	17.1	16.7	16.2	15.8	15.3	14.8	14.2
-63.75°	17.6	17.2	16.9	16.5	16.1	15.7	15.2	14.7	14.3	13.8	13.3
-65°	16.5	16.2	15.8	15.4	15.0	14.6	14.1	13.7	13.2	12.8	12.6
-66.25°	15.4	15.0	14.6	14.3	13.9	13.5	13.1	12.8	12.5	12.3	12.1
-67.5°	14.2	13.8	13.5	13.1	12.8	12.6	12.4	12.2	12.0	11.8	11.6
-68.75°	12.9	12.8	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3	11.1
-70°	12.3	12.2	12.0	11.8	11.7	11.5	11.3	11.2	11.0	10.8	10.6
-71.25°	11.7	11.6	11.4	11.3	11.1	11.0	10.8	10.6	10.5	10.3	10.1
-72.5°	11.1	11.0	10.8	10.7	10.5	10.4	10.2	10.1	9.9	9.8	9.6
-73.75°	10.5	10.4	10.2	10.1	10.0	9.8	9.7	9.5	9.4	9.2	9.0
-75°	9.9	9.7	9.6	9.5	9.4	9.2	9.1	8.9	8.8	8.6	8.5
-76.25°	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.4	8.2	8.1	7.9
-77.5°	8.5	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4	7.2



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	7.0	6.9	6.7	6.6
-80°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9
-81.25°	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.5	5.4	5.2	5.1
-82.5°	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.5	4.4
-83.75°	4.4	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6
-85°	3.4	3.4	3.3	3.2	3.2	3.1	3.1	3.0	2.9	2.9	2.8
-86.25°	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0
-87.5°	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3
-88.75°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
87.5°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9
86.25°	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9
83.75°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
82.5°	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0
81.25°	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.6
80°	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	4.2
78.75°	6.5	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7
77.5°	7.1	6.9	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.3
76.25°	7.7	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.3	6.0	5.8
75°	8.3	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3
73.75°	8.9	8.7	8.5	8.4	8.2	7.9	7.7	7.5	7.3	7.0	6.8
72.5°	9.4	9.2	9.0	8.8	8.7	8.5	8.2	8.0	7.8	7.5	7.3
71.25°	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.0	7.7
70°	10.4	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.7	8.4	8.2
68.75°	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.3	9.1	8.8	8.6
67.5°	11.4	11.2	10.9	10.7	10.5	10.2	10.0	9.8	9.5	9.2	9.0
66.25°	11.9	11.6	11.4	11.2	10.9	10.7	10.4	10.2	9.9	9.6	9.3
65°	12.4	12.1	11.9	11.6	11.3	11.1	10.8	10.5	10.3	10.0	9.7
63.75°	12.8	12.6	12.3	12.0	11.8	11.5	11.2	10.9	10.6	10.4	10.1
62.5°	13.7	13.2	12.8	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.4
61.25°	14.7	14.1	13.5	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.7
60°	15.6	15.0	14.4	13.8	13.2	12.7	12.4	12.1	11.8	11.4	11.1
58.75°	16.5	15.9	15.3	14.6	14.0	13.3	12.8	12.5	12.1	11.8	11.4
57.5°	17.3	16.7	16.1	15.5	14.8	14.1	13.4	12.8	12.5	12.1	11.8
56.25°	18.1	17.5	16.9	16.3	15.6	14.9	14.2	13.5	12.8	12.5	12.1
55°	19.0	18.3	17.7	17.0	16.4	15.7	14.9	14.2	13.4	12.8	12.4
53.75°	20.0	19.2	18.4	17.8	17.1	16.4	15.7	14.9	14.1	13.3	12.7
52.5°	21.0	20.2	19.3	18.5	17.8	17.1	16.4	15.6	14.8	14.0	13.2
51.25°	22.0	21.1	20.3	19.4	18.5	17.8	17.0	16.3	15.5	14.6	13.8
50°	22.8	22.1	21.2	20.3	19.3	18.4	17.7	16.9	16.1	15.3	14.4
48.75°	23.5	22.8	22.1	21.1	20.2	19.2	18.3	17.5	16.7	15.9	15.0
47.5°	24.2	23.5	22.8	22.0	21.0	20.0	19.0	18.1	17.3	16.5	15.6
46.25°	24.9	24.2	23.4	22.7	21.9	20.8	19.8	18.7	17.9	17.0	16.1
45°	25.6	24.9	24.1	23.3	22.5	21.6	20.5	19.5	18.4	17.5	16.7
43.75°	26.2	25.5	24.8	24.0	23.1	22.3	21.3	20.2	19.1	18.1	17.2
42.5°	26.8	26.1	25.3	24.6	23.7	22.9	22.0	20.9	19.7	18.6	17.7
41.25°	27.2	26.6	25.9	25.1	24.3	23.5	22.6	21.6	20.4	19.2	18.1
40°	27.6	27.1	26.4	25.7	24.9	24.0	23.1	22.2	21.1	19.8	18.6
38.75°	28.0	27.5	27.0	26.2	25.4	24.6	23.6	22.7	21.7	20.5	19.2
37.5°	28.3	27.8	27.3	26.7	25.9	25.0	24.2	23.2	22.2	21.1	19.8
36.25°	28.8	28.2	27.6	27.1	26.3	25.5	24.6	23.7	22.7	21.6	20.3
35°	29.2	28.5	28.0	27.4	26.8	26.0	25.1	24.2	23.2	22.2	20.9



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	29.7	29.0	28.3	27.7	27.1	26.4	25.5	24.6	23.6	22.6	21.4
32.5°	30.1	29.4	28.6	28.0	27.4	26.8	25.9	25.0	24.0	23.0	21.9
31.25°	30.5	29.8	29.0	28.3	27.7	27.1	26.3	25.4	24.4	23.4	22.3
30°	30.8	30.2	29.4	28.6	28.0	27.4	26.7	25.8	24.8	23.8	22.7
28.75°	31.1	30.5	29.8	29.0	28.3	27.6	27.0	26.1	25.2	24.1	23.0
27.5°	31.5	30.8	30.1	29.3	28.5	27.9	27.2	26.5	25.5	24.5	23.4
26.25°	31.8	31.1	30.4	29.7	28.8	28.1	27.5	26.8	25.8	24.8	23.7
25°	32.1	31.4	30.7	30.0	29.1	28.3	27.7	27.0	26.1	25.1	24.0
23.75°	32.3	31.7	31.0	30.3	29.4	28.6	27.9	27.2	26.4	25.4	24.3
22.5°	32.6	31.9	31.2	30.5	29.7	28.9	28.1	27.4	26.7	25.6	24.6
21.25°	32.8	32.2	31.5	30.7	30.0	29.1	28.3	27.6	26.9	25.9	24.9
20°	33.0	32.4	31.7	31.0	30.2	29.4	28.5	27.8	27.1	26.1	25.1
18.75°	33.3	32.6	31.9	31.2	30.4	29.6	28.7	27.9	27.2	26.4	25.3
17.5°	33.5	32.8	32.1	31.4	30.6	29.8	28.9	28.1	27.4	26.6	25.5
16.25°	33.9	33.0	32.3	31.5	30.8	30.0	29.1	28.2	27.5	26.8	25.7
15°	34.3	33.1	32.4	31.7	31.0	30.2	29.3	28.4	27.7	26.9	25.9
13.75°	34.6	33.3	32.6	31.9	31.1	30.3	29.4	28.5	27.8	27.1	26.0
12.5°	34.9	33.5	32.7	32.0	31.2	30.5	29.6	28.7	27.9	27.2	26.2
11.25°	35.2	33.7	32.8	32.1	31.4	30.6	29.7	28.8	28.0	27.3	26.3
10°	35.4	34.0	33.0	32.2	31.5	30.7	29.8	28.9	28.1	27.3	26.4
8.75°	35.7	34.2	33.1	32.3	31.6	30.8	29.9	29.0	28.1	27.4	26.5
7.5°	35.9	34.4	33.2	32.4	31.7	30.9	30.0	29.1	28.2	27.5	26.6
6.25°	36.0	34.5	33.2	32.5	31.7	30.9	30.1	29.2	28.3	27.5	26.7
5°	36.2	34.7	33.3	32.5	31.8	31.0	30.2	29.2	28.3	27.6	26.8
3.75°	36.3	34.8	33.3	32.6	31.8	31.0	30.2	29.3	28.4	27.6	26.8
2.5°	36.3	34.8	33.4	32.6	31.9	31.1	30.3	29.3	28.4	27.6	26.9
1.25°	36.4	34.9	33.4	32.6	31.9	31.1	30.3	29.3	28.4	27.6	26.9
0°	36.4	34.9	33.4	32.7	31.9	31.1	30.3	29.4	28.4	27.7	26.9
-1.25°	36.4	34.9	33.4	32.6	31.9	31.1	30.3	29.3	28.4	27.6	26.9
-2.5°	36.3	34.8	33.4	32.6	31.9	31.1	30.3	29.3	28.4	27.6	26.9
-3.75°	36.3	34.8	33.3	32.6	31.8	31.0	30.2	29.3	28.4	27.6	26.8
-5°	36.2	34.7	33.3	32.5	31.8	31.0	30.2	29.2	28.3	27.6	26.8
-6.25°	36.0	34.5	33.2	32.5	31.7	30.9	30.1	29.2	28.3	27.5	26.7
-7.5°	35.9	34.4	33.2	32.4	31.7	30.9	30.0	29.1	28.2	27.5	26.6
-8.75°	35.7	34.2	33.1	32.3	31.6	30.8	29.9	29.0	28.1	27.4	26.5
-10°	35.4	34.0	33.0	32.2	31.5	30.7	29.8	28.9	28.1	27.3	26.4
-11.25°	35.2	33.7	32.8	32.1	31.4	30.6	29.7	28.8	28.0	27.3	26.3
-12.5°	34.9	33.5	32.7	32.0	31.2	30.5	29.6	28.7	27.9	27.2	26.2
-13.75°	34.6	33.3	32.6	31.9	31.1	30.3	29.4	28.5	27.8	27.1	26.0
-15°	34.3	33.1	32.4	31.7	31.0	30.2	29.3	28.4	27.7	26.9	25.9
-16.25°	33.9	33.0	32.3	31.5	30.8	30.0	29.1	28.2	27.5	26.8	25.7
-17.5°	33.5	32.8	32.1	31.4	30.6	29.8	28.9	28.1	27.4	26.6	25.5
-18.75°	33.3	32.6	31.9	31.2	30.4	29.6	28.7	27.9	27.2	26.4	25.3
-20°	33.0	32.4	31.7	31.0	30.2	29.4	28.5	27.8	27.1	26.1	25.1
-21.25°	32.8	32.2	31.5	30.7	30.0	29.1	28.3	27.6	26.9	25.9	24.9



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	32.6	31.9	31.2	30.5	29.7	28.9	28.1	27.4	26.7	25.6	24.6
-23.75°	32.3	31.7	31.0	30.3	29.4	28.6	27.9	27.2	26.4	25.4	24.3
-25°	32.1	31.4	30.7	30.0	29.1	28.3	27.7	27.0	26.1	25.1	24.0
-26.25°	31.8	31.1	30.4	29.7	28.8	28.1	27.5	26.8	25.8	24.8	23.7
-27.5°	31.5	30.8	30.1	29.3	28.5	27.9	27.2	26.5	25.5	24.5	23.4
-28.75°	31.1	30.5	29.8	29.0	28.3	27.6	27.0	26.1	25.2	24.1	23.0
-30°	30.8	30.2	29.4	28.6	28.0	27.4	26.7	25.8	24.8	23.8	22.7
-31.25°	30.5	29.8	29.0	28.3	27.7	27.1	26.3	25.4	24.4	23.4	22.3
-32.5°	30.1	29.4	28.6	28.0	27.4	26.8	25.9	25.0	24.0	23.0	21.9
-33.75°	29.7	29.0	28.3	27.7	27.1	26.4	25.5	24.6	23.6	22.6	21.4
-35°	29.2	28.5	28.0	27.4	26.8	26.0	25.1	24.2	23.2	22.2	20.9
-36.25°	28.8	28.2	27.6	27.1	26.3	25.5	24.6	23.7	22.7	21.6	20.3
-37.5°	28.3	27.8	27.3	26.7	25.9	25.0	24.2	23.2	22.2	21.1	19.8
-38.75°	28.0	27.5	27.0	26.2	25.4	24.6	23.6	22.7	21.7	20.5	19.2
-40°	27.6	27.1	26.4	25.7	24.9	24.0	23.1	22.2	21.1	19.8	18.6
-41.25°	27.2	26.6	25.9	25.1	24.3	23.5	22.6	21.6	20.4	19.2	18.1
-42.5°	26.8	26.1	25.3	24.6	23.7	22.9	22.0	20.9	19.7	18.6	17.7
-43.75°	26.2	25.5	24.8	24.0	23.1	22.3	21.3	20.2	19.1	18.1	17.2
-45°	25.6	24.9	24.1	23.3	22.5	21.6	20.5	19.5	18.4	17.5	16.7
-46.25°	24.9	24.2	23.4	22.7	21.9	20.8	19.8	18.7	17.9	17.0	16.1
-47.5°	24.2	23.5	22.8	22.0	21.0	20.0	19.0	18.1	17.3	16.5	15.6
-48.75°	23.5	22.8	22.1	21.1	20.2	19.2	18.3	17.5	16.7	15.9	15.0
-50°	22.8	22.1	21.2	20.3	19.3	18.4	17.7	16.9	16.1	15.3	14.4
-51.25°	22.0	21.1	20.3	19.4	18.5	17.8	17.0	16.3	15.5	14.6	13.8
-52.5°	21.0	20.2	19.3	18.5	17.8	17.1	16.4	15.6	14.8	14.0	13.2
-53.75°	20.0	19.2	18.4	17.8	17.1	16.4	15.7	14.9	14.1	13.3	12.7
-55°	19.0	18.3	17.7	17.0	16.4	15.7	14.9	14.2	13.4	12.8	12.4
-56.25°	18.1	17.5	16.9	16.3	15.6	14.9	14.2	13.5	12.8	12.5	12.1
-57.5°	17.3	16.7	16.1	15.5	14.8	14.1	13.4	12.8	12.5	12.1	11.8
-58.75°	16.5	15.9	15.3	14.6	14.0	13.3	12.8	12.5	12.1	11.8	11.4
-60°	15.6	15.0	14.4	13.8	13.2	12.7	12.4	12.1	11.8	11.4	11.1
-61.25°	14.7	14.1	13.5	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.7
-62.5°	13.7	13.2	12.8	12.5	12.2	11.9	11.6	11.3	11.0	10.7	10.4
-63.75°	12.8	12.6	12.3	12.0	11.8	11.5	11.2	10.9	10.6	10.4	10.1
-65°	12.4	12.1	11.9	11.6	11.3	11.1	10.8	10.5	10.3	10.0	9.7
-66.25°	11.9	11.6	11.4	11.2	10.9	10.7	10.4	10.2	9.9	9.6	9.3
-67.5°	11.4	11.2	10.9	10.7	10.5	10.2	10.0	9.8	9.5	9.2	9.0
-68.75°	10.9	10.7	10.5	10.3	10.0	9.8	9.6	9.3	9.1	8.8	8.6
-70°	10.4	10.2	10.0	9.8	9.6	9.4	9.1	8.9	8.7	8.4	8.2
-71.25°	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.0	7.7
-72.5°	9.4	9.2	9.0	8.8	8.7	8.5	8.2	8.0	7.8	7.5	7.3
-73.75°	8.9	8.7	8.5	8.4	8.2	7.9	7.7	7.5	7.3	7.0	6.8
-75°	8.3	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3
-76.25°	7.7	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.3	6.0	5.8
-77.5°	7.1	6.9	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.3



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	6.5	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7
-80°	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-81.25°	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.6
-82.5°	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.0
-83.75°	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
-85°	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.0	1.9
-86.25°	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-87.5°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
87.5°	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5
86.25°	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
85°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.1
83.75°	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
82.5°	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.6
81.25°	3.5	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.9
80°	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.4	2.2
78.75°	4.5	4.3	4.2	4.0	3.7	3.5	3.3	3.1	2.9	2.7	2.5
77.5°	5.1	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8
76.25°	5.6	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.1
75°	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.4
73.75°	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7
72.5°	7.0	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0
71.25°	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.3
70°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.7	5.4	5.0	4.6
68.75°	8.3	8.0	7.7	7.4	7.1	6.8	6.4	6.1	5.7	5.3	4.9
67.5°	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.4	6.0	5.6	5.2
66.25°	9.0	8.8	8.5	8.1	7.8	7.4	7.1	6.7	6.3	5.9	5.5
65°	9.4	9.1	8.8	8.5	8.1	7.8	7.4	7.0	6.6	6.2	5.8
63.75°	9.8	9.4	9.1	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.1
62.5°	10.1	9.8	9.4	9.1	8.8	8.4	8.0	7.6	7.2	6.8	6.3
61.25°	10.4	10.1	9.8	9.4	9.0	8.7	8.3	7.9	7.5	7.0	6.6
60°	10.7	10.4	10.1	9.7	9.3	9.0	8.6	8.2	7.7	7.3	6.8
58.75°	11.1	10.7	10.4	10.0	9.6	9.2	8.8	8.4	8.0	7.5	7.0
57.5°	11.4	11.0	10.6	10.3	9.9	9.5	9.1	8.7	8.3	7.8	7.3
56.25°	11.7	11.3	10.9	10.5	10.2	9.8	9.3	8.9	8.5	8.0	7.5
55°	12.0	11.6	11.2	10.8	10.4	10.0	9.6	9.1	8.7	8.2	7.7
53.75°	12.3	11.9	11.5	11.1	10.7	10.2	9.8	9.4	8.9	8.5	7.9
52.5°	12.6	12.2	11.8	11.3	10.9	10.5	10.0	9.6	9.1	8.7	8.2
51.25°	12.9	12.5	12.0	11.6	11.2	10.7	10.3	9.8	9.3	8.8	8.4
50°	13.5	12.8	12.3	11.9	11.4	10.9	10.5	10.0	9.5	9.0	8.5
48.75°	14.1	13.2	12.6	12.1	11.6	11.2	10.7	10.2	9.7	9.2	8.7
47.5°	14.7	13.7	12.8	12.4	11.9	11.4	10.9	10.4	9.9	9.4	8.9
46.25°	15.2	14.2	13.3	12.6	12.1	11.6	11.1	10.6	10.1	9.6	9.0
45°	15.8	14.8	13.8	12.8	12.3	11.8	11.3	10.8	10.3	9.8	9.2
43.75°	16.3	15.3	14.3	13.2	12.5	12.0	11.5	11.0	10.5	9.9	9.4
42.5°	16.7	15.8	14.7	13.7	12.8	12.2	11.7	11.2	10.6	10.1	9.5
41.25°	17.2	16.2	15.2	14.1	13.1	12.4	11.9	11.3	10.8	10.2	9.7
40°	17.7	16.7	15.7	14.6	13.5	12.6	12.1	11.5	11.0	10.4	9.8
38.75°	18.1	17.1	16.1	15.0	13.9	12.8	12.3	11.7	11.1	10.5	10.0
37.5°	18.5	17.5	16.5	15.4	14.3	13.1	12.4	11.8	11.3	10.7	10.1
36.25°	19.0	17.9	16.9	15.8	14.6	13.5	12.6	12.0	11.4	10.8	10.2
35°	19.6	18.3	17.2	16.2	15.0	13.8	12.8	12.2	11.6	11.0	10.4



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	20.1	18.7	17.6	16.5	15.4	14.2	12.9	12.3	11.7	11.1	10.5
32.5°	20.5	19.2	18.0	16.9	15.7	14.5	13.3	12.5	11.8	11.2	10.6
31.25°	21.0	19.6	18.3	17.2	16.1	14.8	13.6	12.6	12.0	11.3	10.7
30°	21.5	20.1	18.6	17.5	16.3	15.1	13.9	12.7	12.1	11.5	10.8
28.75°	21.9	20.5	19.0	17.8	16.6	15.4	14.1	12.9	12.2	11.6	10.9
27.5°	22.3	20.9	19.4	18.1	16.9	15.7	14.4	13.1	12.3	11.7	11.0
26.25°	22.6	21.3	19.8	18.4	17.2	16.0	14.7	13.3	12.5	11.8	11.1
25°	22.9	21.6	20.1	18.6	17.4	16.2	14.9	13.6	12.6	11.9	11.2
23.75°	23.2	22.0	20.5	18.9	17.7	16.4	15.1	13.8	12.7	12.0	11.3
22.5°	23.4	22.3	20.8	19.3	17.9	16.7	15.4	14.0	12.8	12.1	11.4
21.25°	23.7	22.5	21.1	19.5	18.1	16.9	15.6	14.2	12.9	12.2	11.5
20°	23.9	22.7	21.4	19.8	18.3	17.1	15.8	14.4	13.0	12.2	11.5
18.75°	24.2	23.0	21.7	20.1	18.5	17.2	16.0	14.6	13.2	12.3	11.6
17.5°	24.4	23.2	21.9	20.3	18.7	17.4	16.1	14.7	13.3	12.4	11.7
16.25°	24.6	23.4	22.1	20.6	18.9	17.6	16.3	14.9	13.5	12.5	11.8
15°	24.8	23.5	22.3	20.8	19.1	17.7	16.4	15.0	13.6	12.5	11.8
13.75°	24.9	23.7	22.5	21.0	19.3	17.9	16.6	15.2	13.7	12.6	11.9
12.5°	25.1	23.9	22.6	21.1	19.5	18.0	16.7	15.3	13.8	12.6	11.9
11.25°	25.2	24.0	22.7	21.3	19.6	18.1	16.8	15.4	14.0	12.7	12.0
10°	25.3	24.1	22.9	21.4	19.8	18.2	16.9	15.5	14.0	12.7	12.0
8.75°	25.4	24.2	23.0	21.6	19.9	18.3	17.0	15.6	14.1	12.8	12.0
7.5°	25.5	24.3	23.0	21.7	20.0	18.4	17.0	15.7	14.2	12.8	12.1
6.25°	25.6	24.4	23.1	21.8	20.1	18.4	17.1	15.8	14.3	12.8	12.1
5°	25.6	24.5	23.2	21.9	20.2	18.5	17.2	15.8	14.3	12.9	12.1
3.75°	25.7	24.5	23.2	21.9	20.2	18.5	17.2	15.8	14.4	12.9	12.1
2.5°	25.7	24.6	23.3	22.0	20.3	18.6	17.2	15.9	14.4	12.9	12.1
1.25°	25.7	24.6	23.3	22.0	20.3	18.6	17.2	15.9	14.4	12.9	12.1
0°	25.8	24.6	23.3	22.0	20.3	18.6	17.3	15.9	14.4	12.9	12.2
-1.25°	25.7	24.6	23.3	22.0	20.3	18.6	17.2	15.9	14.4	12.9	12.1
-2.5°	25.7	24.6	23.3	22.0	20.3	18.6	17.2	15.9	14.4	12.9	12.1
-3.75°	25.7	24.5	23.2	21.9	20.2	18.5	17.2	15.8	14.4	12.9	12.1
-5°	25.6	24.5	23.2	21.9	20.2	18.5	17.2	15.8	14.3	12.9	12.1
-6.25°	25.6	24.4	23.1	21.8	20.1	18.4	17.1	15.8	14.3	12.8	12.1
-7.5°	25.5	24.3	23.0	21.7	20.0	18.4	17.0	15.7	14.2	12.8	12.1
-8.75°	25.4	24.2	23.0	21.6	19.9	18.3	17.0	15.6	14.1	12.8	12.0
-10°	25.3	24.1	22.9	21.4	19.8	18.2	16.9	15.5	14.0	12.7	12.0
-11.25°	25.2	24.0	22.7	21.3	19.6	18.1	16.8	15.4	14.0	12.7	12.0
-12.5°	25.1	23.9	22.6	21.1	19.5	18.0	16.7	15.3	13.8	12.6	11.9
-13.75°	24.9	23.7	22.5	21.0	19.3	17.9	16.6	15.2	13.7	12.6	11.9
-15°	24.8	23.5	22.3	20.8	19.1	17.7	16.4	15.0	13.6	12.5	11.8
-16.25°	24.6	23.4	22.1	20.6	18.9	17.6	16.3	14.9	13.5	12.5	11.8
-17.5°	24.4	23.2	21.9	20.3	18.7	17.4	16.1	14.7	13.3	12.4	11.7
-18.75°	24.2	23.0	21.7	20.1	18.5	17.2	16.0	14.6	13.2	12.3	11.6
-20°	23.9	22.7	21.4	19.8	18.3	17.1	15.8	14.4	13.0	12.2	11.5
-21.25°	23.7	22.5	21.1	19.5	18.1	16.9	15.6	14.2	12.9	12.2	11.5



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	23.4	22.3	20.8	19.3	17.9	16.7	15.4	14.0	12.8	12.1	11.4
-23.75°	23.2	22.0	20.5	18.9	17.7	16.4	15.1	13.8	12.7	12.0	11.3
-25°	22.9	21.6	20.1	18.6	17.4	16.2	14.9	13.6	12.6	11.9	11.2
-26.25°	22.6	21.3	19.8	18.4	17.2	16.0	14.7	13.3	12.5	11.8	11.1
-27.5°	22.3	20.9	19.4	18.1	16.9	15.7	14.4	13.1	12.3	11.7	11.0
-28.75°	21.9	20.5	19.0	17.8	16.6	15.4	14.1	12.9	12.2	11.6	10.9
-30°	21.5	20.1	18.6	17.5	16.3	15.1	13.9	12.7	12.1	11.5	10.8
-31.25°	21.0	19.6	18.3	17.2	16.1	14.8	13.6	12.6	12.0	11.3	10.7
-32.5°	20.5	19.2	18.0	16.9	15.7	14.5	13.3	12.5	11.8	11.2	10.6
-33.75°	20.1	18.7	17.6	16.5	15.4	14.2	12.9	12.3	11.7	11.1	10.5
-35°	19.6	18.3	17.2	16.2	15.0	13.8	12.8	12.2	11.6	11.0	10.4
-36.25°	19.0	17.9	16.9	15.8	14.6	13.5	12.6	12.0	11.4	10.8	10.2
-37.5°	18.5	17.5	16.5	15.4	14.3	13.1	12.4	11.8	11.3	10.7	10.1
-38.75°	18.1	17.1	16.1	15.0	13.9	12.8	12.3	11.7	11.1	10.5	10.0
-40°	17.7	16.7	15.7	14.6	13.5	12.6	12.1	11.5	11.0	10.4	9.8
-41.25°	17.2	16.2	15.2	14.1	13.1	12.4	11.9	11.3	10.8	10.2	9.7
-42.5°	16.7	15.8	14.7	13.7	12.8	12.2	11.7	11.2	10.6	10.1	9.5
-43.75°	16.3	15.3	14.3	13.2	12.5	12.0	11.5	11.0	10.5	9.9	9.4
-45°	15.8	14.8	13.8	12.8	12.3	11.8	11.3	10.8	10.3	9.8	9.2
-46.25°	15.2	14.2	13.3	12.6	12.1	11.6	11.1	10.6	10.1	9.6	9.0
-47.5°	14.7	13.7	12.8	12.4	11.9	11.4	10.9	10.4	9.9	9.4	8.9
-48.75°	14.1	13.2	12.6	12.1	11.6	11.2	10.7	10.2	9.7	9.2	8.7
-50°	13.5	12.8	12.3	11.9	11.4	10.9	10.5	10.0	9.5	9.0	8.5
-51.25°	12.9	12.5	12.0	11.6	11.2	10.7	10.3	9.8	9.3	8.8	8.4
-52.5°	12.6	12.2	11.8	11.3	10.9	10.5	10.0	9.6	9.1	8.7	8.2
-53.75°	12.3	11.9	11.5	11.1	10.7	10.2	9.8	9.4	8.9	8.5	7.9
-55°	12.0	11.6	11.2	10.8	10.4	10.0	9.6	9.1	8.7	8.2	7.7
-56.25°	11.7	11.3	10.9	10.5	10.2	9.8	9.3	8.9	8.5	8.0	7.5
-57.5°	11.4	11.0	10.6	10.3	9.9	9.5	9.1	8.7	8.3	7.8	7.3
-58.75°	11.1	10.7	10.4	10.0	9.6	9.2	8.8	8.4	8.0	7.5	7.0
-60°	10.7	10.4	10.1	9.7	9.3	9.0	8.6	8.2	7.7	7.3	6.8
-61.25°	10.4	10.1	9.8	9.4	9.0	8.7	8.3	7.9	7.5	7.0	6.6
-62.5°	10.1	9.8	9.4	9.1	8.8	8.4	8.0	7.6	7.2	6.8	6.3
-63.75°	9.8	9.4	9.1	8.8	8.5	8.1	7.7	7.3	6.9	6.5	6.1
-65°	9.4	9.1	8.8	8.5	8.1	7.8	7.4	7.0	6.6	6.2	5.8
-66.25°	9.0	8.8	8.5	8.1	7.8	7.4	7.1	6.7	6.3	5.9	5.5
-67.5°	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.4	6.0	5.6	5.2
-68.75°	8.3	8.0	7.7	7.4	7.1	6.8	6.4	6.1	5.7	5.3	4.9
-70°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.7	5.4	5.0	4.6
-71.25°	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.3
-72.5°	7.0	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0
-73.75°	6.6	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7
-75°	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.4
-76.25°	5.6	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.1
-77.5°	5.1	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	4.5	4.3	4.2	4.0	3.7	3.5	3.3	3.1	2.9	2.7	2.5
-80°	4.0	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.4	2.2
-81.25°	3.5	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.9
-82.5°	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.6
-83.75°	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-85°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.1
-86.25°	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
-87.5°	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5
-88.75°	0.5	0.4	0.4	0.4	0.4	0.4	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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0
87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
86.25°	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.1
85°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.2
83.75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
82.5°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
81.25°	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
80°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
78.75°	2.3	2.0	1.8	1.7	1.5	1.3	1.1	0.9	0.7	0.6	0.4
77.5°	2.6	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
76.25°	2.8	2.6	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
75°	3.1	2.8	2.6	2.3	2.0	1.7	1.5	1.2	1.0	0.7	0.5
73.75°	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.8	0.5
72.5°	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.1	0.9	0.6
71.25°	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.5	1.2	0.9	0.6
70°	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.3	1.0	0.6
68.75°	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.4	1.0	0.7
67.5°	4.8	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.5	1.1	0.7
66.25°	5.1	4.6	4.2	3.7	3.3	2.8	2.4	1.9	1.5	1.1	0.8
65°	5.3	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.6	1.2	0.8
63.75°	5.6	5.1	4.6	4.2	3.7	3.1	2.6	2.1	1.7	1.3	0.8
62.5°	5.8	5.3	4.8	4.3	3.8	3.3	2.8	2.3	1.8	1.3	0.9
61.25°	6.1	5.6	5.1	4.5	4.0	3.5	2.9	2.4	1.8	1.4	0.9
60°	6.3	5.8	5.3	4.7	4.2	3.6	3.0	2.5	1.9	1.4	0.9
58.75°	6.6	6.0	5.5	4.9	4.3	3.8	3.2	2.6	2.0	1.5	1.0
57.5°	6.8	6.3	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.5	1.0
56.25°	7.0	6.5	5.9	5.3	4.7	4.1	3.4	2.8	2.2	1.6	1.1
55°	7.2	6.7	6.1	5.5	4.8	4.2	3.6	2.9	2.2	1.6	1.1
53.75°	7.4	6.8	6.3	5.6	5.0	4.3	3.7	3.0	2.3	1.7	1.1
52.5°	7.6	7.0	6.5	5.8	5.1	4.5	3.8	3.1	2.4	1.7	1.2
51.25°	7.8	7.2	6.6	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.2
50°	8.0	7.4	6.8	6.1	5.4	4.7	4.0	3.3	2.6	1.8	1.2
48.75°	8.2	7.6	6.9	6.3	5.6	4.9	4.1	3.4	2.6	1.9	1.3
47.5°	8.3	7.7	7.1	6.5	5.7	5.0	4.3	3.5	2.7	1.9	1.3
46.25°	8.5	7.9	7.2	6.6	5.9	5.1	4.4	3.6	2.8	2.0	1.3
45°	8.6	8.1	7.4	6.7	6.0	5.2	4.5	3.7	2.9	2.0	1.3
43.75°	8.8	8.2	7.5	6.9	6.1	5.4	4.6	3.7	2.9	2.1	1.4
42.5°	8.9	8.4	7.7	7.0	6.3	5.5	4.7	3.8	3.0	2.1	1.4
41.25°	9.1	8.5	7.8	7.1	6.4	5.6	4.8	3.9	3.1	2.2	1.4
40°	9.2	8.6	8.0	7.2	6.5	5.7	4.8	4.0	3.1	2.2	1.5
38.75°	9.4	8.7	8.1	7.4	6.6	5.8	4.9	4.1	3.2	2.3	1.5
37.5°	9.5	8.9	8.2	7.5	6.7	5.9	5.0	4.2	3.2	2.3	1.5
36.25°	9.6	9.0	8.3	7.6	6.8	6.0	5.1	4.2	3.3	2.4	1.5
35°	9.7	9.1	8.4	7.7	6.9	6.1	5.2	4.3	3.4	2.4	1.6



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	9.9	9.2	8.5	7.8	7.0	6.2	5.3	4.4	3.4	2.5	1.6
32.5°	10.0	9.3	8.6	7.9	7.1	6.3	5.4	4.4	3.5	2.5	1.6
31.25°	10.1	9.4	8.7	8.0	7.2	6.4	5.4	4.5	3.5	2.5	1.6
30°	10.2	9.5	8.8	8.1	7.3	6.5	5.5	4.6	3.6	2.6	1.6
28.75°	10.3	9.6	8.9	8.2	7.4	6.5	5.6	4.6	3.6	2.6	1.7
27.5°	10.4	9.7	9.0	8.3	7.4	6.6	5.7	4.7	3.7	2.7	1.7
26.25°	10.5	9.8	9.1	8.3	7.5	6.7	5.7	4.7	3.7	2.7	1.7
25°	10.5	9.9	9.1	8.4	7.6	6.7	5.8	4.8	3.8	2.7	1.7
23.75°	10.6	9.9	9.2	8.5	7.7	6.8	5.8	4.8	3.8	2.8	1.7
22.5°	10.7	10.0	9.3	8.5	7.7	6.8	5.9	4.9	3.8	2.8	1.8
21.25°	10.8	10.1	9.3	8.6	7.8	6.9	5.9	4.9	3.9	2.8	1.8
20°	10.8	10.1	9.4	8.7	7.8	6.9	6.0	5.0	3.9	2.8	1.8
18.75°	10.9	10.2	9.5	8.7	7.9	7.0	6.0	5.0	4.0	2.9	1.8
17.5°	11.0	10.3	9.5	8.8	7.9	7.0	6.1	5.0	4.0	2.9	1.8
16.25°	11.0	10.3	9.6	8.8	8.0	7.1	6.1	5.1	4.0	2.9	1.8
15°	11.1	10.4	9.6	8.9	8.0	7.1	6.2	5.1	4.0	2.9	1.8
13.75°	11.1	10.4	9.7	8.9	8.1	7.2	6.2	5.1	4.1	3.0	1.8
12.5°	11.2	10.5	9.7	8.9	8.1	7.2	6.2	5.2	4.1	3.0	1.9
11.25°	11.2	10.5	9.7	9.0	8.2	7.2	6.3	5.2	4.1	3.0	1.9
10°	11.3	10.5	9.8	9.0	8.2	7.2	6.3	5.2	4.1	3.0	1.9
8.75°	11.3	10.6	9.8	9.0	8.2	7.3	6.3	5.2	4.1	3.0	1.9
7.5°	11.3	10.6	9.8	9.0	8.2	7.3	6.3	5.3	4.2	3.0	1.9
6.25°	11.3	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
5°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
3.75°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
2.5°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
1.25°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
0°	11.4	10.7	9.9	9.1	8.3	7.4	6.4	5.3	4.2	3.1	1.9
-1.25°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
-2.5°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
-3.75°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
-5°	11.4	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
-6.25°	11.3	10.6	9.9	9.1	8.3	7.3	6.4	5.3	4.2	3.0	1.9
-7.5°	11.3	10.6	9.8	9.0	8.2	7.3	6.3	5.3	4.2	3.0	1.9
-8.75°	11.3	10.6	9.8	9.0	8.2	7.3	6.3	5.2	4.1	3.0	1.9
-10°	11.3	10.5	9.8	9.0	8.2	7.2	6.3	5.2	4.1	3.0	1.9
-11.25°	11.2	10.5	9.7	9.0	8.2	7.2	6.3	5.2	4.1	3.0	1.9
-12.5°	11.2	10.5	9.7	8.9	8.1	7.2	6.2	5.2	4.1	3.0	1.9
-13.75°	11.1	10.4	9.7	8.9	8.1	7.2	6.2	5.1	4.1	3.0	1.8
-15°	11.1	10.4	9.6	8.9	8.0	7.1	6.2	5.1	4.0	2.9	1.8
-16.25°	11.0	10.3	9.6	8.8	8.0	7.1	6.1	5.1	4.0	2.9	1.8
-17.5°	11.0	10.3	9.5	8.8	7.9	7.0	6.1	5.0	4.0	2.9	1.8
-18.75°	10.9	10.2	9.5	8.7	7.9	7.0	6.0	5.0	4.0	2.9	1.8
-20°	10.8	10.1	9.4	8.7	7.8	6.9	6.0	5.0	3.9	2.8	1.8
-21.25°	10.8	10.1	9.3	8.6	7.8	6.9	5.9	4.9	3.9	2.8	1.8



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	10.7	10.0	9.3	8.5	7.7	6.8	5.9	4.9	3.8	2.8	1.8
-23.75°	10.6	9.9	9.2	8.5	7.7	6.8	5.8	4.8	3.8	2.8	1.7
-25°	10.5	9.9	9.1	8.4	7.6	6.7	5.8	4.8	3.8	2.7	1.7
-26.25°	10.5	9.8	9.1	8.3	7.5	6.7	5.7	4.7	3.7	2.7	1.7
-27.5°	10.4	9.7	9.0	8.3	7.4	6.6	5.7	4.7	3.7	2.7	1.7
-28.75°	10.3	9.6	8.9	8.2	7.4	6.5	5.6	4.6	3.6	2.6	1.7
-30°	10.2	9.5	8.8	8.1	7.3	6.5	5.5	4.6	3.6	2.6	1.6
-31.25°	10.1	9.4	8.7	8.0	7.2	6.4	5.4	4.5	3.5	2.5	1.6
-32.5°	10.0	9.3	8.6	7.9	7.1	6.3	5.4	4.4	3.5	2.5	1.6
-33.75°	9.9	9.2	8.5	7.8	7.0	6.2	5.3	4.4	3.4	2.5	1.6
-35°	9.7	9.1	8.4	7.7	6.9	6.1	5.2	4.3	3.4	2.4	1.6
-36.25°	9.6	9.0	8.3	7.6	6.8	6.0	5.1	4.2	3.3	2.4	1.5
-37.5°	9.5	8.9	8.2	7.5	6.7	5.9	5.0	4.2	3.2	2.3	1.5
-38.75°	9.4	8.7	8.1	7.4	6.6	5.8	4.9	4.1	3.2	2.3	1.5
-40°	9.2	8.6	8.0	7.2	6.5	5.7	4.8	4.0	3.1	2.2	1.5
-41.25°	9.1	8.5	7.8	7.1	6.4	5.6	4.8	3.9	3.1	2.2	1.4
-42.5°	8.9	8.4	7.7	7.0	6.3	5.5	4.7	3.8	3.0	2.1	1.4
-43.75°	8.8	8.2	7.5	6.9	6.1	5.4	4.6	3.7	2.9	2.1	1.4
-45°	8.6	8.1	7.4	6.7	6.0	5.2	4.5	3.7	2.9	2.0	1.3
-46.25°	8.5	7.9	7.2	6.6	5.9	5.1	4.4	3.6	2.8	2.0	1.3
-47.5°	8.3	7.7	7.1	6.5	5.7	5.0	4.3	3.5	2.7	1.9	1.3
-48.75°	8.2	7.6	6.9	6.3	5.6	4.9	4.1	3.4	2.6	1.9	1.3
-50°	8.0	7.4	6.8	6.1	5.4	4.7	4.0	3.3	2.6	1.8	1.2
-51.25°	7.8	7.2	6.6	6.0	5.3	4.6	3.9	3.2	2.5	1.8	1.2
-52.5°	7.6	7.0	6.5	5.8	5.1	4.5	3.8	3.1	2.4	1.7	1.2
-53.75°	7.4	6.8	6.3	5.6	5.0	4.3	3.7	3.0	2.3	1.7	1.1
-55°	7.2	6.7	6.1	5.5	4.8	4.2	3.6	2.9	2.2	1.6	1.1
-56.25°	7.0	6.5	5.9	5.3	4.7	4.1	3.4	2.8	2.2	1.6	1.1
-57.5°	6.8	6.3	5.7	5.1	4.5	3.9	3.3	2.7	2.1	1.5	1.0
-58.75°	6.6	6.0	5.5	4.9	4.3	3.8	3.2	2.6	2.0	1.5	1.0
-60°	6.3	5.8	5.3	4.7	4.2	3.6	3.0	2.5	1.9	1.4	0.9
-61.25°	6.1	5.6	5.1	4.5	4.0	3.5	2.9	2.4	1.8	1.4	0.9
-62.5°	5.8	5.3	4.8	4.3	3.8	3.3	2.8	2.3	1.8	1.3	0.9
-63.75°	5.6	5.1	4.6	4.2	3.7	3.1	2.6	2.1	1.7	1.3	0.8
-65°	5.3	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.6	1.2	0.8
-66.25°	5.1	4.6	4.2	3.7	3.3	2.8	2.4	1.9	1.5	1.1	0.8
-67.5°	4.8	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.5	1.1	0.7
-68.75°	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.4	1.0	0.7
-70°	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.3	1.0	0.6
-71.25°	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.5	1.2	0.9	0.6
-72.5°	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.1	0.9	0.6
-73.75°	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	1.1	0.8	0.5
-75°	3.1	2.8	2.6	2.3	2.0	1.7	1.5	1.2	1.0	0.7	0.5
-76.25°	2.8	2.6	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-77.5°	2.6	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	2.3	2.0	1.8	1.7	1.5	1.3	1.1	0.9	0.7	0.6	0.4
-80°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
-81.25°	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-82.5°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
-83.75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-85°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.2
-86.25°	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-87.5°	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
-88.75°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	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: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-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°	0.1	0.0
85°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.1	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.2	0.0
75°	0.2	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.3	0.0
70°	0.3	0.0
68.75°	0.3	0.0
67.5°	0.4	0.0
66.25°	0.4	0.0
65°	0.4	0.0
63.75°	0.4	0.0
62.5°	0.4	0.0
61.25°	0.5	0.0
60°	0.5	0.0
58.75°	0.5	0.0
57.5°	0.5	0.0
56.25°	0.5	0.0
55°	0.5	0.0
53.75°	0.6	0.0
52.5°	0.6	0.0
51.25°	0.6	0.0
50°	0.6	0.0
48.75°	0.6	0.0
47.5°	0.6	0.0
46.25°	0.7	0.0
45°	0.7	0.0
43.75°	0.7	0.0
42.5°	0.7	0.0
41.25°	0.7	0.0
40°	0.7	0.0
38.75°	0.7	0.0
37.5°	0.8	0.0
36.25°	0.8	0.0
35°	0.8	0.0



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.8	0.0
32.5°	0.8	0.0
31.25°	0.8	0.0
30°	0.8	0.0
28.75°	0.8	0.0
27.5°	0.8	0.0
26.25°	0.9	0.0
25°	0.9	0.0
23.75°	0.9	0.0
22.5°	0.9	0.0
21.25°	0.9	0.0
20°	0.9	0.0
18.75°	0.9	0.0
17.5°	0.9	0.0
16.25°	0.9	0.0
15°	0.9	0.0
13.75°	0.9	0.0
12.5°	0.9	0.0
11.25°	0.9	0.0
10°	0.9	0.0
8.75°	0.9	0.0
7.5°	0.9	0.0
6.25°	0.9	0.0
5°	0.9	0.0
3.75°	0.9	0.0
2.5°	0.9	0.0
1.25°	0.9	0.0
0°	0.9	0.0
-1.25°	0.9	0.0
-2.5°	0.9	0.0
-3.75°	0.9	0.0
-5°	0.9	0.0
-6.25°	0.9	0.0
-7.5°	0.9	0.0
-8.75°	0.9	0.0
-10°	0.9	0.0
-11.25°	0.9	0.0
-12.5°	0.9	0.0
-13.75°	0.9	0.0
-15°	0.9	0.0
-16.25°	0.9	0.0
-17.5°	0.9	0.0
-18.75°	0.9	0.0
-20°	0.9	0.0
-21.25°	0.9	0.0



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.9	0.0
-23.75°	0.9	0.0
-25°	0.9	0.0
-26.25°	0.9	0.0
-27.5°	0.8	0.0
-28.75°	0.8	0.0
-30°	0.8	0.0
-31.25°	0.8	0.0
-32.5°	0.8	0.0
-33.75°	0.8	0.0
-35°	0.8	0.0
-36.25°	0.8	0.0
-37.5°	0.8	0.0
-38.75°	0.7	0.0
-40°	0.7	0.0
-41.25°	0.7	0.0
-42.5°	0.7	0.0
-43.75°	0.7	0.0
-45°	0.7	0.0
-46.25°	0.7	0.0
-47.5°	0.6	0.0
-48.75°	0.6	0.0
-50°	0.6	0.0
-51.25°	0.6	0.0
-52.5°	0.6	0.0
-53.75°	0.6	0.0
-55°	0.5	0.0
-56.25°	0.5	0.0
-57.5°	0.5	0.0
-58.75°	0.5	0.0
-60°	0.5	0.0
-61.25°	0.5	0.0
-62.5°	0.4	0.0
-63.75°	0.4	0.0
-65°	0.4	0.0
-66.25°	0.4	0.0
-67.5°	0.4	0.0
-68.75°	0.3	0.0
-70°	0.3	0.0
-71.25°	0.3	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.2	0.0
-76.25°	0.2	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P220489 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.2	0.0
-80°	0.2	0.0
-81.25°	0.1	0.0
-82.5°	0.1	0.0
-83.75°	0.1	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)