

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: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

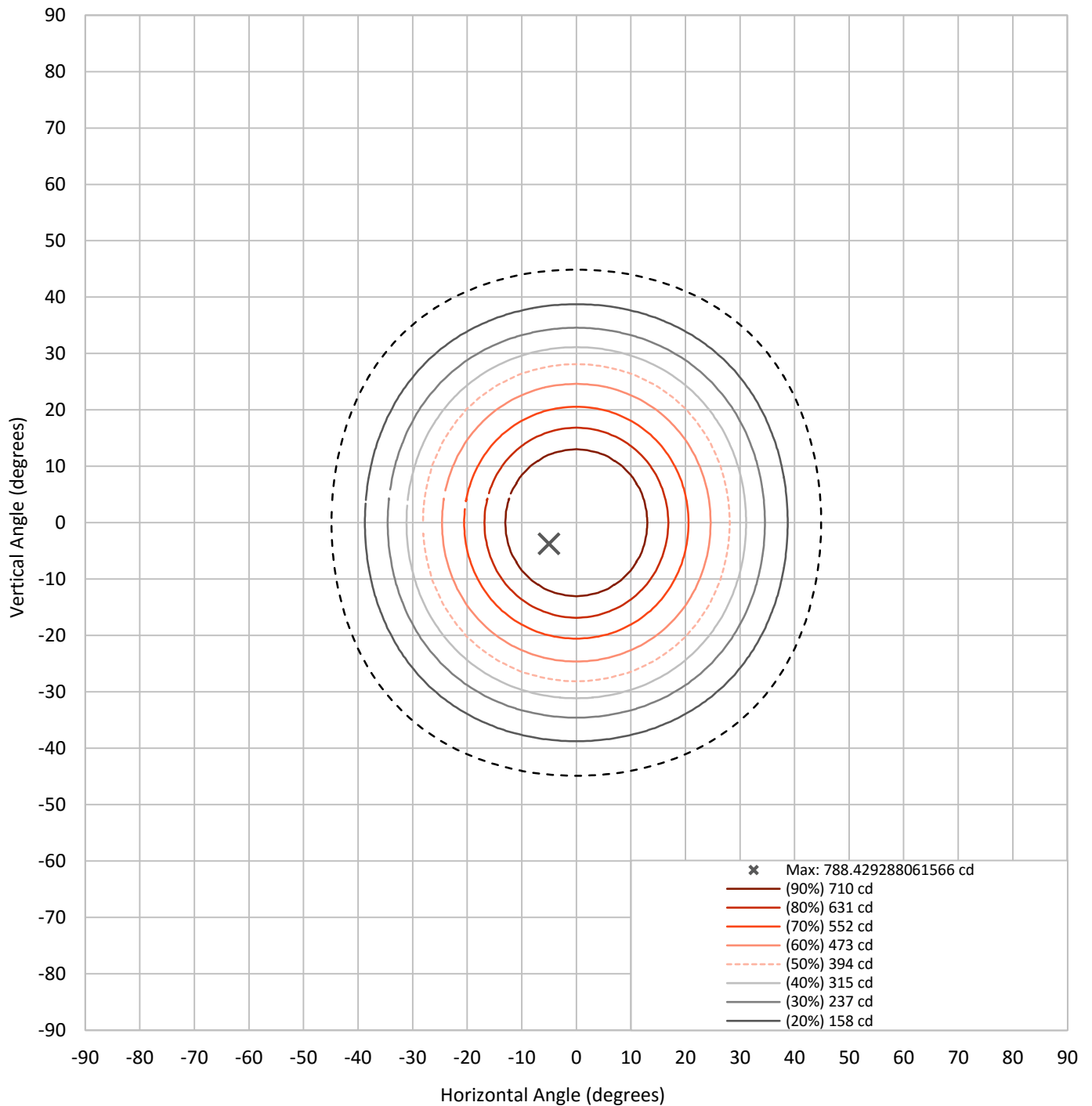
Test Method: LM-79-08
Report Number: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29412)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/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:	698.1 lumens	Max Intensity:	788.4 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	69.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.8°H x 55.5°V	Field Angle (10%):	89.6°H x 89.4°V
Beam Lumens:	433.9 lumens	Field Lumens:	652.2 lumens
Beam Efficiency:	62.1%	Field Efficiency:	93.4%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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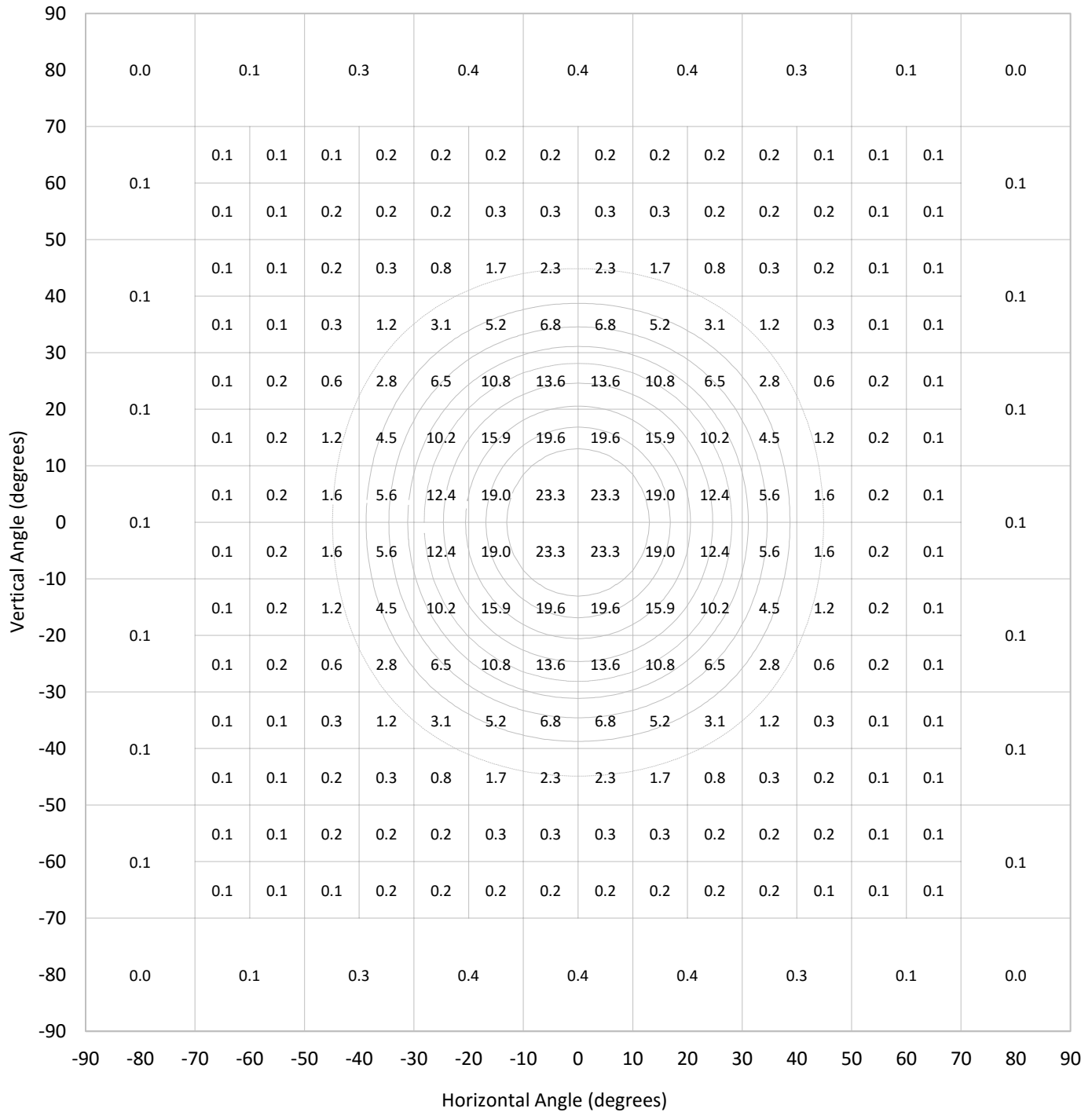
Iso-Candela Plot





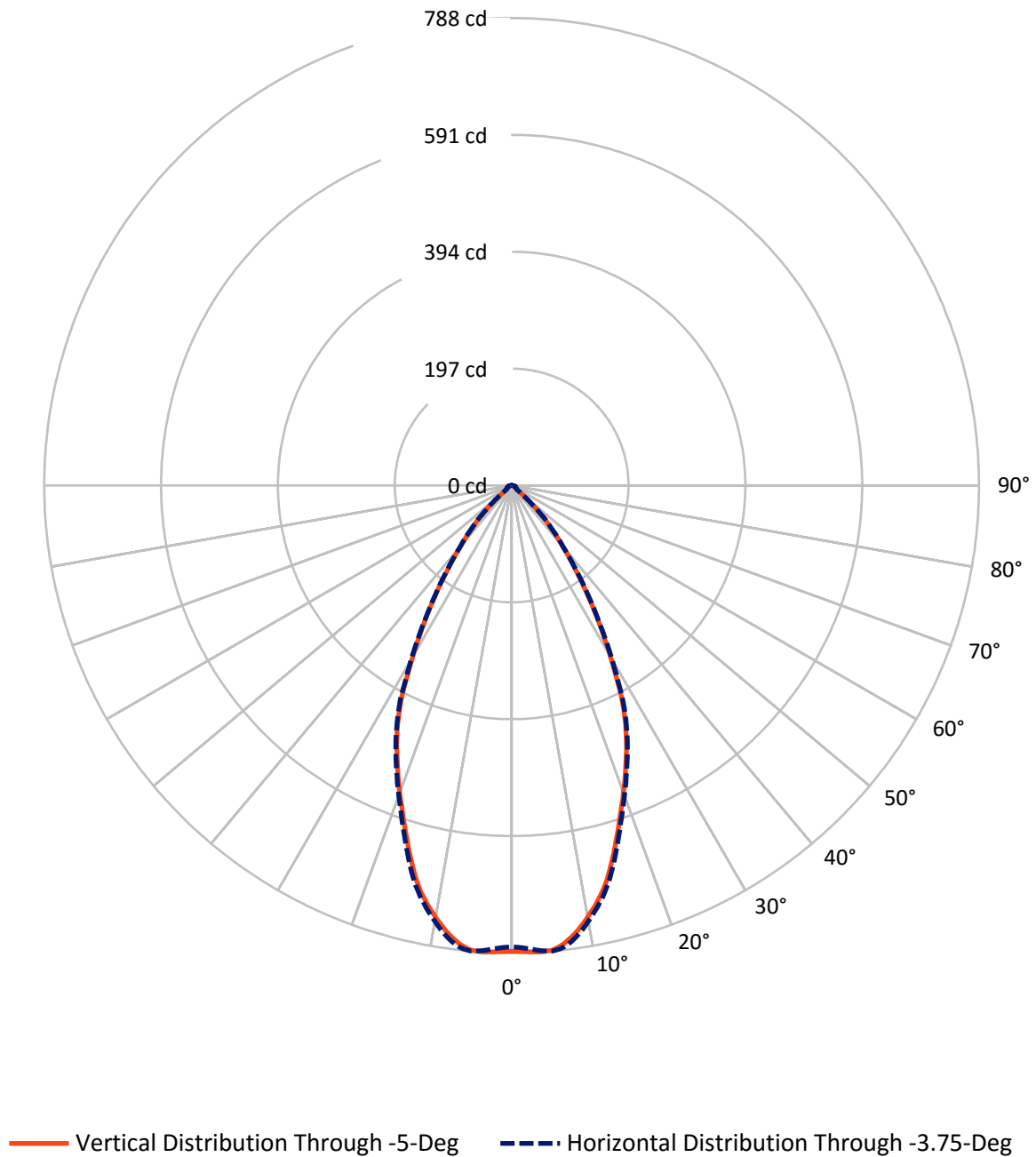
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Lumen Table



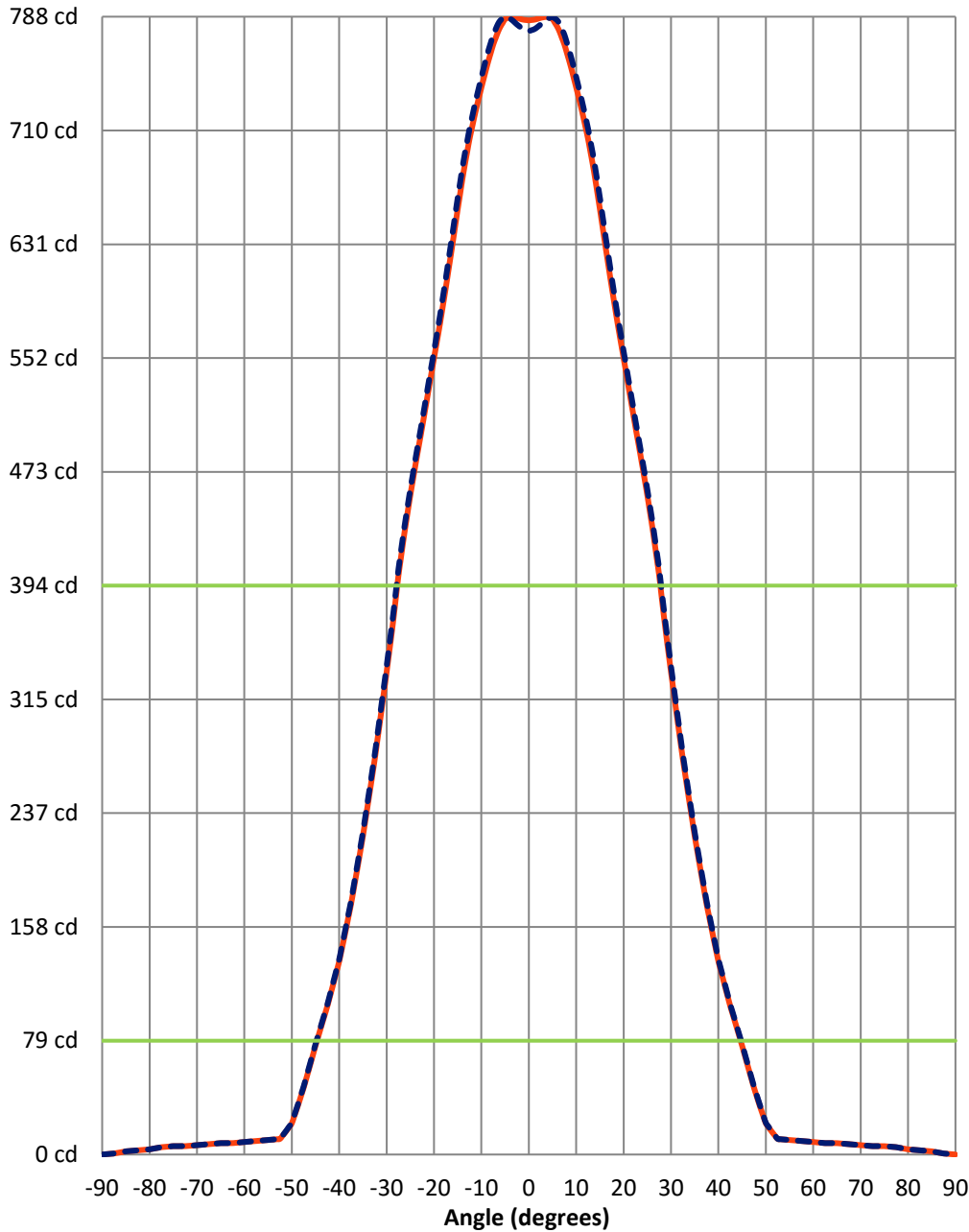
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 55.8°
 V Angle: 55.5°
 Lumens: 433.9
 Efficiency: 62.1%

Field:
 H Angle: 89.6°
 V Angle: 89.4°
 Lumens: 652.2
 Efficiency: 93.4%

Spill:
 Lumens: 45.9
 Efficiency: 6.6%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
86.25°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
81.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
80°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
78.75°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
77.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
76.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0
75°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.1
73.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.1	1.3
72.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4
71.25°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1	1.4	1.6
70°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.0	1.2	1.5	1.7
68.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.4	1.6	1.9
67.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.9	1.2	1.5	1.8	2.1
66.25°	0.0	0.1	0.3	0.4	0.6	0.7	1.0	1.3	1.6	1.9	2.2
65°	0.0	0.1	0.3	0.4	0.6	0.8	1.1	1.4	1.7	2.0	2.3
63.75°	0.0	0.2	0.3	0.5	0.6	0.9	1.2	1.5	1.8	2.2	2.3
62.5°	0.0	0.2	0.3	0.5	0.6	0.9	1.3	1.6	2.0	2.2	2.4
61.25°	0.0	0.2	0.3	0.5	0.7	1.0	1.4	1.7	2.1	2.3	2.5
60°	0.0	0.2	0.3	0.5	0.7	1.1	1.4	1.8	2.2	2.4	2.5
58.75°	0.0	0.2	0.4	0.5	0.8	1.1	1.5	1.9	2.2	2.4	2.6
57.5°	0.0	0.2	0.4	0.6	0.8	1.2	1.6	2.0	2.3	2.5	2.7
56.25°	0.0	0.2	0.4	0.6	0.9	1.3	1.7	2.1	2.4	2.5	2.7
55°	0.0	0.2	0.4	0.6	0.9	1.3	1.8	2.2	2.4	2.6	2.8
53.75°	0.0	0.2	0.4	0.6	1.0	1.4	1.9	2.2	2.5	2.7	2.9
52.5°	0.0	0.2	0.4	0.6	1.0	1.5	1.9	2.3	2.5	2.7	2.9
51.25°	0.0	0.2	0.4	0.7	1.1	1.5	2.0	2.3	2.5	2.8	3.0
50°	0.0	0.2	0.4	0.7	1.1	1.6	2.1	2.4	2.6	2.8	3.0
48.75°	0.0	0.2	0.5	0.7	1.2	1.7	2.2	2.4	2.6	2.9	3.1
47.5°	0.0	0.2	0.5	0.7	1.2	1.7	2.2	2.5	2.7	2.9	3.2
46.25°	0.0	0.2	0.5	0.8	1.3	1.8	2.3	2.5	2.7	3.0	3.2
45°	0.0	0.2	0.5	0.8	1.3	1.8	2.3	2.5	2.8	3.0	3.3
43.75°	0.0	0.3	0.5	0.8	1.4	1.9	2.3	2.6	2.8	3.1	3.3
42.5°	0.0	0.3	0.5	0.9	1.4	2.0	2.3	2.6	2.9	3.1	3.4
41.25°	0.0	0.3	0.5	0.9	1.5	2.0	2.4	2.6	2.9	3.2	3.4
40°	0.0	0.3	0.5	0.9	1.5	2.1	2.4	2.7	2.9	3.2	3.5
38.75°	0.0	0.3	0.5	1.0	1.5	2.1	2.4	2.7	3.0	3.3	3.5
37.5°	0.0	0.3	0.6	1.0	1.6	2.2	2.5	2.7	3.0	3.3	3.6
36.25°	0.0	0.3	0.6	1.0	1.6	2.2	2.5	2.8	3.1	3.3	3.6
35°	0.0	0.3	0.6	1.0	1.7	2.2	2.5	2.8	3.1	3.4	3.7



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.6	1.1	1.7	2.3	2.5	2.8	3.1	3.4	3.8
32.5°	0.0	0.3	0.6	1.1	1.7	2.3	2.6	2.9	3.2	3.5	3.9
31.25°	0.0	0.3	0.6	1.1	1.8	2.3	2.6	2.9	3.2	3.5	4.0
30°	0.0	0.3	0.6	1.1	1.8	2.3	2.6	2.9	3.2	3.5	4.1
28.75°	0.0	0.3	0.6	1.2	1.8	2.3	2.6	2.9	3.3	3.6	4.2
27.5°	0.0	0.3	0.6	1.2	1.9	2.4	2.7	3.0	3.3	3.6	4.2
26.25°	0.0	0.3	0.6	1.2	1.9	2.4	2.7	3.0	3.3	3.6	4.3
25°	0.0	0.3	0.6	1.2	1.9	2.4	2.7	3.0	3.3	3.7	4.4
23.75°	0.0	0.3	0.6	1.3	1.9	2.4	2.7	3.0	3.4	3.8	4.5
22.5°	0.0	0.3	0.6	1.3	2.0	2.4	2.7	3.1	3.4	3.8	4.5
21.25°	0.0	0.3	0.7	1.3	2.0	2.4	2.8	3.1	3.4	3.9	4.6
20°	0.0	0.3	0.7	1.3	2.0	2.4	2.8	3.1	3.4	3.9	4.6
18.75°	0.0	0.3	0.7	1.3	2.0	2.5	2.8	3.1	3.4	4.0	4.7
17.5°	0.0	0.3	0.7	1.3	2.1	2.5	2.8	3.1	3.5	4.0	4.7
16.25°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.1	4.8
15°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.1	4.8
13.75°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.2	4.9
12.5°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.2	4.9
11.25°	0.0	0.3	0.7	1.4	2.1	2.5	2.9	3.2	3.5	4.2	5.0
10°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.2	5.0
8.75°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.0
7.5°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.0
6.25°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
5°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
3.75°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
2.5°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
1.25°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
0°	0.0	0.3	0.7	1.5	2.2	2.6	2.9	3.3	3.6	4.4	5.1
-1.25°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
-2.5°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
-3.75°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
-5°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
-6.25°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.1
-7.5°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.0
-8.75°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.3	5.0
-10°	0.0	0.3	0.7	1.4	2.2	2.5	2.9	3.2	3.6	4.2	5.0
-11.25°	0.0	0.3	0.7	1.4	2.1	2.5	2.9	3.2	3.5	4.2	5.0
-12.5°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.2	4.9
-13.75°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.2	4.9
-15°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.1	4.8
-16.25°	0.0	0.3	0.7	1.4	2.1	2.5	2.8	3.2	3.5	4.1	4.8
-17.5°	0.0	0.3	0.7	1.3	2.1	2.5	2.8	3.1	3.5	4.0	4.7
-18.75°	0.0	0.3	0.7	1.3	2.0	2.5	2.8	3.1	3.4	4.0	4.7
-20°	0.0	0.3	0.7	1.3	2.0	2.4	2.8	3.1	3.4	3.9	4.6
-21.25°	0.0	0.3	0.7	1.3	2.0	2.4	2.8	3.1	3.4	3.9	4.6



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-80°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-81.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-86.25°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-87.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
86.25°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
85°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
83.75°	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.9
82.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2
81.25°	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
80°	0.7	0.7	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8
78.75°	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.2
77.5°	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.3	2.3
76.25°	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.3	2.4	2.5
75°	1.3	1.5	1.7	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.6
73.75°	1.5	1.7	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
72.5°	1.7	1.9	2.1	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
71.25°	1.8	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
70°	2.0	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
68.75°	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4
67.5°	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5
66.25°	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.5	3.8
65°	2.4	2.6	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.8	4.1
63.75°	2.5	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.8	4.1	4.4
62.5°	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.7	4.0	4.4	4.7
61.25°	2.6	2.8	3.0	3.1	3.3	3.5	3.6	4.0	4.3	4.6	5.0
60°	2.7	2.9	3.1	3.2	3.4	3.6	3.9	4.2	4.6	4.9	5.2
58.75°	2.8	3.0	3.1	3.3	3.5	3.7	4.1	4.5	4.8	5.1	5.3
57.5°	2.9	3.0	3.2	3.4	3.6	4.0	4.3	4.7	5.1	5.3	5.4
56.25°	2.9	3.1	3.3	3.5	3.8	4.2	4.6	5.0	5.2	5.4	5.6
55°	3.0	3.2	3.4	3.6	4.0	4.4	4.8	5.2	5.3	5.5	5.7
53.75°	3.1	3.3	3.5	3.7	4.2	4.6	5.0	5.3	5.5	5.7	5.8
52.5°	3.1	3.3	3.5	3.9	4.4	4.8	5.2	5.4	5.6	5.8	5.8
51.25°	3.2	3.4	3.7	4.1	4.6	5.0	5.3	5.5	5.7	5.8	5.8
50°	3.3	3.5	3.8	4.3	4.8	5.2	5.4	5.6	5.8	5.8	5.8
48.75°	3.3	3.6	4.0	4.5	4.9	5.2	5.5	5.7	5.8	5.8	5.8
47.5°	3.4	3.6	4.1	4.6	5.1	5.3	5.6	5.8	5.8	5.8	5.8
46.25°	3.4	3.8	4.3	4.8	5.2	5.4	5.7	5.8	5.8	5.8	5.9
45°	3.5	3.9	4.4	5.0	5.3	5.5	5.8	5.8	5.8	5.8	6.0
43.75°	3.6	4.1	4.6	5.1	5.4	5.6	5.8	5.8	5.8	5.9	6.1
42.5°	3.7	4.2	4.7	5.2	5.4	5.7	5.8	5.8	5.8	6.0	6.2
41.25°	3.8	4.3	4.9	5.3	5.5	5.8	5.8	5.8	5.8	6.1	6.3
40°	3.9	4.5	5.0	5.3	5.6	5.8	5.8	5.8	5.9	6.2	6.4
38.75°	4.0	4.6	5.1	5.4	5.7	5.8	5.8	5.8	6.0	6.3	6.5
37.5°	4.1	4.7	5.2	5.5	5.7	5.8	5.8	5.8	6.1	6.4	6.7
36.25°	4.2	4.8	5.3	5.5	5.8	5.8	5.8	5.9	6.2	6.5	6.8
35°	4.3	4.9	5.3	5.6	5.8	5.8	5.8	6.0	6.3	6.6	6.8



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	4.4	5.1	5.4	5.7	5.8	5.8	5.8	6.1	6.4	6.7	6.9
32.5°	4.5	5.1	5.4	5.7	5.8	5.8	5.9	6.2	6.5	6.7	7.0
31.25°	4.6	5.2	5.5	5.8	5.8	5.8	6.0	6.2	6.5	6.8	7.1
30°	4.7	5.2	5.5	5.8	5.8	5.8	6.0	6.3	6.6	6.9	7.2
28.75°	4.8	5.3	5.6	5.8	5.8	5.8	6.1	6.4	6.7	7.0	7.3
27.5°	4.9	5.3	5.6	5.8	5.8	5.8	6.2	6.5	6.8	7.1	7.4
26.25°	5.0	5.4	5.7	5.8	5.8	5.9	6.2	6.5	6.8	7.1	7.4
25°	5.1	5.4	5.7	5.8	5.8	6.0	6.3	6.6	6.9	7.2	7.5
23.75°	5.1	5.4	5.8	5.8	5.8	6.0	6.3	6.6	7.0	7.3	7.6
22.5°	5.2	5.5	5.8	5.8	5.8	6.1	6.4	6.7	7.0	7.3	7.7
21.25°	5.2	5.5	5.8	5.8	5.8	6.1	6.4	6.8	7.1	7.4	7.7
20°	5.2	5.5	5.8	5.8	5.8	6.1	6.5	6.8	7.1	7.5	7.8
18.75°	5.2	5.6	5.8	5.8	5.9	6.2	6.5	6.8	7.2	7.5	7.8
17.5°	5.3	5.6	5.8	5.8	5.9	6.2	6.6	6.9	7.2	7.6	7.9
16.25°	5.3	5.6	5.8	5.8	5.9	6.3	6.6	6.9	7.3	7.6	7.9
15°	5.3	5.7	5.8	5.8	6.0	6.3	6.6	7.0	7.3	7.6	7.9
13.75°	5.3	5.7	5.8	5.8	6.0	6.3	6.7	7.0	7.3	7.7	7.9
12.5°	5.4	5.7	5.8	5.8	6.0	6.4	6.7	7.0	7.4	7.7	7.9
11.25°	5.4	5.7	5.8	5.8	6.0	6.4	6.7	7.1	7.4	7.8	7.9
10°	5.4	5.7	5.8	5.8	6.1	6.4	6.8	7.1	7.4	7.8	7.9
8.75°	5.4	5.7	5.8	5.8	6.1	6.4	6.8	7.1	7.5	7.8	7.9
7.5°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.1	7.5	7.8	7.9
6.25°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
5°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
3.75°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
2.5°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
1.25°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
0°	5.5	5.8	5.8	5.8	6.2	6.5	6.9	7.2	7.6	7.9	7.9
-1.25°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
-2.5°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
-3.75°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
-5°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
-6.25°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.2	7.5	7.9	7.9
-7.5°	5.4	5.8	5.8	5.8	6.1	6.5	6.8	7.1	7.5	7.8	7.9
-8.75°	5.4	5.7	5.8	5.8	6.1	6.4	6.8	7.1	7.5	7.8	7.9
-10°	5.4	5.7	5.8	5.8	6.1	6.4	6.8	7.1	7.4	7.8	7.9
-11.25°	5.4	5.7	5.8	5.8	6.0	6.4	6.7	7.1	7.4	7.8	7.9
-12.5°	5.4	5.7	5.8	5.8	6.0	6.4	6.7	7.0	7.4	7.7	7.9
-13.75°	5.3	5.7	5.8	5.8	6.0	6.3	6.7	7.0	7.3	7.7	7.9
-15°	5.3	5.7	5.8	5.8	6.0	6.3	6.6	7.0	7.3	7.6	7.9
-16.25°	5.3	5.6	5.8	5.8	5.9	6.3	6.6	6.9	7.3	7.6	7.9
-17.5°	5.3	5.6	5.8	5.8	5.9	6.2	6.6	6.9	7.2	7.6	7.9
-18.75°	5.2	5.6	5.8	5.8	5.9	6.2	6.5	6.8	7.2	7.5	7.8
-20°	5.2	5.5	5.8	5.8	5.8	6.1	6.5	6.8	7.1	7.5	7.8
-21.25°	5.2	5.5	5.8	5.8	5.8	6.1	6.4	6.8	7.1	7.4	7.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	5.2	5.5	5.8	5.8	5.8	6.1	6.4	6.7	7.0	7.3	7.7
-23.75°	5.1	5.4	5.8	5.8	5.8	6.0	6.3	6.6	7.0	7.3	7.6
-25°	5.1	5.4	5.7	5.8	5.8	6.0	6.3	6.6	6.9	7.2	7.5
-26.25°	5.0	5.4	5.7	5.8	5.8	5.9	6.2	6.5	6.8	7.1	7.4
-27.5°	4.9	5.3	5.6	5.8	5.8	5.8	6.2	6.5	6.8	7.1	7.4
-28.75°	4.8	5.3	5.6	5.8	5.8	5.8	6.1	6.4	6.7	7.0	7.3
-30°	4.7	5.2	5.5	5.8	5.8	5.8	6.0	6.3	6.6	6.9	7.2
-31.25°	4.6	5.2	5.5	5.8	5.8	5.8	6.0	6.2	6.5	6.8	7.1
-32.5°	4.5	5.1	5.4	5.7	5.8	5.8	5.9	6.2	6.5	6.7	7.0
-33.75°	4.4	5.1	5.4	5.7	5.8	5.8	5.8	6.1	6.4	6.7	6.9
-35°	4.3	4.9	5.3	5.6	5.8	5.8	5.8	6.0	6.3	6.6	6.8
-36.25°	4.2	4.8	5.3	5.5	5.8	5.8	5.8	5.9	6.2	6.5	6.8
-37.5°	4.1	4.7	5.2	5.5	5.7	5.8	5.8	5.8	6.1	6.4	6.7
-38.75°	4.0	4.6	5.1	5.4	5.7	5.8	5.8	5.8	6.0	6.3	6.5
-40°	3.9	4.5	5.0	5.3	5.6	5.8	5.8	5.8	5.9	6.2	6.4
-41.25°	3.8	4.3	4.9	5.3	5.5	5.8	5.8	5.8	5.8	6.1	6.3
-42.5°	3.7	4.2	4.7	5.2	5.4	5.7	5.8	5.8	5.8	6.0	6.2
-43.75°	3.6	4.1	4.6	5.1	5.4	5.6	5.8	5.8	5.8	5.9	6.1
-45°	3.5	3.9	4.4	5.0	5.3	5.5	5.8	5.8	5.8	5.8	6.0
-46.25°	3.4	3.8	4.3	4.8	5.2	5.4	5.7	5.8	5.8	5.8	5.9
-47.5°	3.4	3.6	4.1	4.6	5.1	5.3	5.6	5.8	5.8	5.8	5.8
-48.75°	3.3	3.6	4.0	4.5	4.9	5.2	5.5	5.7	5.8	5.8	5.8
-50°	3.3	3.5	3.8	4.3	4.8	5.2	5.4	5.6	5.8	5.8	5.8
-51.25°	3.2	3.4	3.7	4.1	4.6	5.0	5.3	5.5	5.7	5.8	5.8
-52.5°	3.1	3.3	3.5	3.9	4.4	4.8	5.2	5.4	5.6	5.8	5.8
-53.75°	3.1	3.3	3.5	3.7	4.2	4.6	5.0	5.3	5.5	5.7	5.8
-55°	3.0	3.2	3.4	3.6	4.0	4.4	4.8	5.2	5.3	5.5	5.7
-56.25°	2.9	3.1	3.3	3.5	3.8	4.2	4.6	5.0	5.2	5.4	5.6
-57.5°	2.9	3.0	3.2	3.4	3.6	4.0	4.3	4.7	5.1	5.3	5.4
-58.75°	2.8	3.0	3.1	3.3	3.5	3.7	4.1	4.5	4.8	5.1	5.3
-60°	2.7	2.9	3.1	3.2	3.4	3.6	3.9	4.2	4.6	4.9	5.2
-61.25°	2.6	2.8	3.0	3.1	3.3	3.5	3.6	4.0	4.3	4.6	5.0
-62.5°	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.7	4.0	4.4	4.7
-63.75°	2.5	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.8	4.1	4.4
-65°	2.4	2.6	2.7	2.8	3.0	3.1	3.3	3.4	3.5	3.8	4.1
-66.25°	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.5	3.8
-67.5°	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5
-68.75°	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.4
-70°	2.0	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
-71.25°	1.8	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
-72.5°	1.7	1.9	2.1	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
-73.75°	1.5	1.7	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
-75°	1.3	1.5	1.7	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.6
-76.25°	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.3	2.3	2.4	2.5
-77.5°	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.1	2.2	2.3	2.3



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0	2.2
-80°	0.7	0.7	0.9	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8
-81.25°	0.6	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
-82.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.2
-83.75°	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.9
-85°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
-86.25°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
86.25°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7
85°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
83.75°	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6
82.5°	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1
81.25°	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.3	2.4
80°	2.0	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.6
78.75°	2.2	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.8
77.5°	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0
76.25°	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3
75°	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5
73.75°	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.5	3.7	3.8
72.5°	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	4.1	4.3
71.25°	3.2	3.3	3.4	3.5	3.6	3.8	4.0	4.2	4.4	4.6	4.8
70°	3.3	3.5	3.6	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
68.75°	3.5	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3	5.4
67.5°	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.3	5.4	5.5	5.6
66.25°	4.0	4.3	4.6	4.8	5.1	5.2	5.3	5.5	5.6	5.7	5.8
65°	4.4	4.6	4.9	5.1	5.3	5.4	5.5	5.7	5.8	5.8	5.8
63.75°	4.7	5.0	5.2	5.3	5.4	5.6	5.7	5.8	5.8	5.8	5.8
62.5°	5.0	5.2	5.3	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.8
61.25°	5.2	5.3	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.9
60°	5.3	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1
58.75°	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.2	6.4
57.5°	5.6	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.2	6.4	6.6
56.25°	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.3	6.4	6.6	6.8
55°	5.8	5.8	5.8	5.8	5.9	6.1	6.3	6.5	6.6	6.8	7.0
53.75°	5.8	5.8	5.8	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.2
52.5°	5.8	5.8	5.9	6.1	6.2	6.4	6.6	6.8	7.0	7.2	7.3
51.25°	5.8	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5
50°	5.8	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.7
48.75°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9
47.5°	6.0	6.2	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.9	7.9
46.25°	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.7	7.9	7.9	7.9
45°	6.2	6.5	6.7	6.9	7.2	7.4	7.6	7.8	7.9	7.9	7.9
43.75°	6.4	6.6	6.8	7.1	7.3	7.5	7.8	7.9	7.9	7.9	8.0
42.5°	6.5	6.7	7.0	7.2	7.4	7.7	7.9	7.9	7.9	7.9	8.2
41.25°	6.6	6.8	7.1	7.3	7.6	7.8	7.9	7.9	7.9	8.1	8.3
40°	6.7	7.0	7.2	7.5	7.7	7.9	7.9	7.9	8.0	8.3	8.5
38.75°	6.8	7.1	7.3	7.6	7.8	7.9	7.9	7.9	8.2	8.5	8.7
37.5°	6.9	7.2	7.4	7.7	7.9	7.9	7.9	8.1	8.3	8.6	8.9
36.25°	7.0	7.3	7.6	7.8	7.9	7.9	7.9	8.2	8.5	8.8	9.0
35°	7.1	7.4	7.7	7.9	7.9	7.9	8.1	8.4	8.7	8.9	9.2



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	7.2	7.5	7.8	7.9	7.9	7.9	8.2	8.5	8.8	9.1	9.3
32.5°	7.3	7.6	7.9	7.9	7.9	8.0	8.4	8.7	8.9	9.2	9.5
31.25°	7.4	7.7	7.9	7.9	7.9	8.2	8.5	8.8	9.1	9.4	9.6
30°	7.5	7.8	7.9	7.9	8.0	8.3	8.6	8.9	9.2	9.5	9.8
28.75°	7.6	7.9	7.9	7.9	8.1	8.4	8.8	9.0	9.3	9.6	9.9
27.5°	7.7	7.9	7.9	7.9	8.2	8.5	8.9	9.2	9.5	9.7	10.0
26.25°	7.8	7.9	7.9	8.0	8.3	8.7	9.0	9.3	9.6	9.9	10.2
25°	7.8	7.9	7.9	8.1	8.4	8.8	9.1	9.4	9.7	10.0	10.3
23.75°	7.9	7.9	7.9	8.2	8.5	8.9	9.2	9.5	9.8	10.1	10.4
22.5°	7.9	7.9	7.9	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5
21.25°	7.9	7.9	8.0	8.4	8.7	9.0	9.3	9.7	10.0	10.3	10.6
20°	7.9	7.9	8.1	8.4	8.8	9.1	9.4	9.8	10.1	10.4	10.7
18.75°	7.9	7.9	8.1	8.5	8.9	9.2	9.5	9.8	10.2	10.5	10.8
17.5°	7.9	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.6	12.2
16.25°	7.9	7.9	8.3	8.7	9.0	9.3	9.7	10.0	10.3	10.6	13.6
15°	7.9	8.0	8.3	8.7	9.1	9.4	9.7	10.1	10.4	10.7	14.9
13.75°	7.9	8.0	8.4	8.8	9.1	9.4	9.8	10.1	10.5	10.8	16.1
12.5°	7.9	8.1	8.5	8.8	9.2	9.5	9.8	10.2	10.5	11.6	17.2
11.25°	7.9	8.1	8.5	8.9	9.2	9.5	9.9	10.2	10.6	12.5	18.1
10°	7.9	8.1	8.5	8.9	9.2	9.6	9.9	10.3	10.6	13.4	19.0
8.75°	7.9	8.2	8.6	8.9	9.3	9.6	10.0	10.3	10.7	14.1	19.8
7.5°	7.9	8.2	8.6	9.0	9.3	9.7	10.0	10.3	10.7	14.8	20.5
6.25°	7.9	8.2	8.6	9.0	9.3	9.7	10.0	10.4	10.7	15.3	21.1
5°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	15.8	21.6
3.75°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	16.1	21.9
2.5°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	16.4	22.2
1.25°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	16.5	22.3
0°	7.9	8.3	8.7	9.1	9.4	9.8	10.1	10.5	10.8	16.6	22.4
-1.25°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	16.5	22.3
-2.5°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	16.4	22.2
-3.75°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	16.4	22.2
-5°	7.9	8.3	8.7	9.0	9.4	9.7	10.1	10.4	10.8	15.8	21.6
-6.25°	7.9	8.2	8.6	9.0	9.3	9.7	10.0	10.4	10.7	15.3	21.1
-7.5°	7.9	8.2	8.6	9.0	9.3	9.7	10.0	10.3	10.7	14.8	20.5
-8.75°	7.9	8.2	8.6	8.9	9.3	9.6	10.0	10.3	10.7	14.1	19.8
-10°	7.9	8.1	8.5	8.9	9.2	9.6	9.9	10.3	10.6	13.4	19.0
-11.25°	7.9	8.1	8.5	8.9	9.2	9.5	9.9	10.2	10.6	12.5	18.1
-12.5°	7.9	8.1	8.5	8.8	9.2	9.5	9.8	10.2	10.5	11.6	17.2
-13.75°	7.9	8.0	8.4	8.8	9.1	9.4	9.8	10.1	10.5	10.8	16.1
-15°	7.9	8.0	8.3	8.7	9.1	9.4	9.7	10.1	10.4	10.7	14.9
-16.25°	7.9	7.9	8.3	8.7	9.0	9.3	9.7	10.0	10.3	10.6	13.6
-17.5°	7.9	7.9	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.6	12.2
-18.75°	7.9	7.9	8.1	8.5	8.9	9.2	9.5	9.8	10.2	10.5	10.8
-20°	7.9	7.9	8.1	8.4	8.8	9.1	9.4	9.8	10.1	10.4	10.7
-21.25°	7.9	7.9	8.0	8.4	8.7	9.0	9.3	9.7	10.0	10.3	10.6



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	7.9	7.9	7.9	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5
-23.75°	7.9	7.9	7.9	8.2	8.5	8.9	9.2	9.5	9.8	10.1	10.4
-25°	7.8	7.9	7.9	8.1	8.4	8.8	9.1	9.4	9.7	10.0	10.3
-26.25°	7.8	7.9	7.9	8.0	8.3	8.7	9.0	9.3	9.6	9.9	10.2
-27.5°	7.7	7.9	7.9	7.9	8.2	8.5	8.9	9.2	9.5	9.7	10.0
-28.75°	7.6	7.9	7.9	7.9	8.1	8.4	8.8	9.0	9.3	9.6	9.9
-30°	7.5	7.8	7.9	7.9	8.0	8.3	8.6	8.9	9.2	9.5	9.8
-31.25°	7.4	7.7	7.9	7.9	7.9	8.2	8.5	8.8	9.1	9.4	9.6
-32.5°	7.3	7.6	7.9	7.9	7.9	8.0	8.4	8.7	8.9	9.2	9.5
-33.75°	7.2	7.5	7.8	7.9	7.9	7.9	8.2	8.5	8.8	9.1	9.3
-35°	7.1	7.4	7.7	7.9	7.9	7.9	8.1	8.4	8.7	8.9	9.2
-36.25°	7.0	7.3	7.6	7.8	7.9	7.9	7.9	8.2	8.5	8.8	9.0
-37.5°	6.9	7.2	7.4	7.7	7.9	7.9	7.9	8.1	8.3	8.6	8.9
-38.75°	6.8	7.1	7.3	7.6	7.8	7.9	7.9	7.9	8.2	8.5	8.7
-40°	6.7	7.0	7.2	7.5	7.7	7.9	7.9	7.9	8.0	8.3	8.5
-41.25°	6.6	6.8	7.1	7.3	7.6	7.8	7.9	7.9	7.9	8.1	8.3
-42.5°	6.5	6.7	7.0	7.2	7.4	7.7	7.9	7.9	7.9	7.9	8.2
-43.75°	6.4	6.6	6.8	7.1	7.3	7.5	7.8	7.9	7.9	7.9	8.0
-45°	6.2	6.5	6.7	6.9	7.2	7.4	7.6	7.8	7.9	7.9	7.9
-46.25°	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.7	7.9	7.9	7.9
-47.5°	6.0	6.2	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.9	7.9
-48.75°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9
-50°	5.8	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.3	7.5	7.7
-51.25°	5.8	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5
-52.5°	5.8	5.8	5.9	6.1	6.2	6.4	6.6	6.8	7.0	7.2	7.3
-53.75°	5.8	5.8	5.8	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.2
-55°	5.8	5.8	5.8	5.8	5.9	6.1	6.3	6.5	6.6	6.8	7.0
-56.25°	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.3	6.4	6.6	6.8
-57.5°	5.6	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.2	6.4	6.6
-58.75°	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.9	6.1	6.2	6.4
-60°	5.3	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1
-61.25°	5.2	5.3	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.9
-62.5°	5.0	5.2	5.3	5.5	5.6	5.8	5.8	5.8	5.8	5.8	5.8
-63.75°	4.7	5.0	5.2	5.3	5.4	5.6	5.7	5.8	5.8	5.8	5.8
-65°	4.4	4.6	4.9	5.1	5.3	5.4	5.5	5.7	5.8	5.8	5.8
-66.25°	4.0	4.3	4.6	4.8	5.1	5.2	5.3	5.5	5.6	5.7	5.8
-67.5°	3.7	4.0	4.2	4.5	4.7	5.0	5.2	5.3	5.4	5.5	5.6
-68.75°	3.5	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3	5.4
-70°	3.3	3.5	3.6	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-71.25°	3.2	3.3	3.4	3.5	3.6	3.8	4.0	4.2	4.4	4.6	4.8
-72.5°	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	4.1	4.3
-73.75°	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.5	3.7	3.8
-75°	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.5
-76.25°	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.3
-77.5°	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	2.2	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.8
-80°	2.0	2.1	2.2	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.6
-81.25°	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.3	2.3	2.4
-82.5°	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1
-83.75°	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6
-85°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-86.25°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
86.25°	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6
83.75°	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2
82.5°	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
81.25°	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8
80°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1
78.75°	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
77.5°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6
76.25°	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
75°	3.6	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.7	4.8
73.75°	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.3
72.5°	4.5	4.6	4.8	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.5
71.25°	4.9	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8
70°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8
68.75°	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
67.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9
66.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.2
65°	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5
63.75°	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.7	6.8
62.5°	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9	7.0
61.25°	6.1	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.3
60°	6.3	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.6
58.75°	6.5	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.8
57.5°	6.7	6.9	7.0	7.2	7.3	7.4	7.6	7.7	7.8	7.9	7.9
56.25°	6.9	7.1	7.2	7.4	7.5	7.7	7.8	7.9	7.9	7.9	7.9
55°	7.1	7.3	7.4	7.6	7.8	7.9	7.9	7.9	7.9	7.9	7.9
53.75°	7.3	7.5	7.7	7.8	7.9	7.9	7.9	7.9	7.9	8.1	8.2
52.5°	7.5	7.7	7.9	7.9	7.9	7.9	7.9	8.0	8.2	8.3	8.5
51.25°	7.7	7.9	7.9	7.9	7.9	7.9	8.1	8.3	8.5	8.6	8.8
50°	7.9	7.9	7.9	7.9	8.0	8.2	8.3	8.5	8.7	8.9	9.0
48.75°	7.9	7.9	7.9	8.0	8.2	8.4	8.6	8.8	9.0	9.1	9.3
47.5°	7.9	7.9	8.0	8.2	8.4	8.7	8.8	9.0	9.2	9.4	9.5
46.25°	7.9	8.0	8.2	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.8
45°	8.0	8.2	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.0
43.75°	8.2	8.4	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3
42.5°	8.4	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5
41.25°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8
40°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8	13.8
38.75°	9.0	9.2	9.4	9.7	9.9	10.1	10.4	10.6	10.8	14.2	17.6
37.5°	9.1	9.4	9.6	9.9	10.1	10.3	10.6	10.8	14.2	17.8	21.4
36.25°	9.3	9.5	9.8	10.0	10.3	10.5	10.8	13.8	17.6	21.4	28.3
35°	9.5	9.7	10.0	10.2	10.5	10.7	13.2	17.1	21.0	27.9	36.3



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	9.6	9.9	10.1	10.4	10.6	12.2	16.3	20.4	26.8	35.6	44.2
32.5°	9.8	10.0	10.3	10.6	11.0	15.2	19.4	25.0	34.1	43.1	52.5
31.25°	9.9	10.2	10.4	10.7	13.8	18.1	22.4	31.8	41.2	50.7	61.2
30°	10.0	10.3	10.6	12.0	16.5	20.9	28.9	38.6	48.1	58.9	69.6
28.75°	10.2	10.5	10.7	14.6	19.1	25.2	35.2	45.1	55.8	66.9	77.8
27.5°	10.3	10.6	12.4	17.0	21.7	31.1	41.3	51.9	63.3	74.7	85.3
26.25°	10.5	10.7	14.7	19.4	26.3	36.9	47.3	58.9	70.6	81.9	92.5
25°	10.6	12.0	16.9	21.7	31.7	42.4	53.7	65.7	77.6	88.6	99.5
23.75°	10.7	14.0	19.0	25.8	36.8	47.7	60.0	72.2	83.9	95.1	106.3
22.5°	10.9	16.0	21.0	30.6	41.7	53.4	66.0	78.5	90.0	101.4	113.8
21.25°	12.7	17.9	23.7	35.1	46.4	59.0	71.8	84.0	95.8	107.7	121.0
20°	14.4	19.7	27.9	39.4	51.3	64.3	77.3	89.4	101.3	114.3	127.9
18.75°	16.1	21.3	31.8	43.5	56.1	69.4	82.2	94.4	106.7	120.6	134.4
17.5°	17.6	23.6	35.5	47.3	60.7	74.1	86.8	99.2	112.4	126.6	141.6
16.25°	19.0	26.9	38.9	51.3	65.0	78.5	91.1	103.7	117.8	132.2	149.2
15°	20.4	30.0	42.2	55.2	69.0	82.4	95.2	108.3	122.9	137.5	156.3
13.75°	21.6	32.9	45.2	58.7	72.7	86.0	98.9	112.8	127.6	143.8	162.9
12.5°	23.1	35.5	47.9	62.0	76.1	89.3	102.4	116.9	131.9	149.7	168.9
11.25°	25.4	37.9	50.7	65.0	79.1	92.3	105.5	120.7	135.8	155.0	174.5
10°	27.5	40.1	53.3	67.7	81.7	95.0	108.8	124.1	140.0	159.8	179.7
8.75°	29.3	42.0	55.6	70.0	84.0	97.4	111.7	127.1	144.1	164.1	185.0
7.5°	30.9	43.7	57.6	72.1	86.0	99.5	114.2	129.7	147.7	167.8	189.6
6.25°	32.3	45.1	59.3	73.9	87.7	101.3	116.3	132.0	150.7	170.9	193.5
5°	33.4	46.2	60.6	75.3	89.1	102.8	118.1	133.8	153.2	173.5	196.7
3.75°	34.2	47.1	61.7	76.4	90.2	103.9	119.5	135.2	155.1	175.6	199.2
2.5°	34.9	47.8	62.5	77.3	91.0	104.7	120.5	136.3	156.5	177.0	201.0
1.25°	35.2	48.2	62.9	77.7	91.5	105.2	121.1	136.9	157.4	177.9	202.0
0°	35.4	48.3	63.1	77.9	91.7	105.4	121.3	137.1	157.7	178.2	202.4
-1.25°	35.2	48.2	62.9	77.7	91.5	105.2	121.1	136.9	157.4	177.9	202.0
-2.5°	34.9	47.8	62.5	77.3	91.0	104.7	120.5	136.3	156.5	177.0	201.0
-3.75°	34.2	47.1	61.7	76.4	90.2	103.9	119.5	135.2	155.1	175.6	199.2
-5°	33.4	46.2	60.6	75.3	89.1	102.8	118.1	133.8	153.2	173.5	196.7
-6.25°	32.3	45.1	59.3	73.9	87.7	101.3	116.3	132.0	150.7	170.9	193.5
-7.5°	30.9	43.7	57.6	72.1	86.0	99.5	114.2	129.7	147.7	167.8	189.6
-8.75°	29.3	42.0	55.6	70.0	84.0	97.4	111.7	127.1	144.1	164.1	185.0
-10°	27.5	40.1	53.3	67.7	81.7	95.0	108.8	124.1	140.0	159.8	179.7
-11.25°	25.4	37.9	50.7	65.0	79.1	92.3	105.5	120.7	135.8	155.0	174.5
-12.5°	23.1	35.5	47.9	62.0	76.1	89.3	102.4	116.9	131.9	149.7	168.9
-13.75°	21.6	32.9	45.2	58.7	72.7	86.0	98.9	112.8	127.6	143.8	162.9
-15°	20.4	30.0	42.2	55.2	69.0	82.4	95.2	108.3	122.9	137.5	156.3
-16.25°	19.0	26.9	38.9	51.3	65.0	78.5	91.1	103.7	117.8	132.2	149.2
-17.5°	17.6	23.6	35.5	47.3	60.7	74.1	86.8	99.2	112.4	126.6	141.6
-18.75°	16.1	21.3	31.8	43.5	56.1	69.4	82.2	94.4	106.7	120.6	134.4
-20°	14.4	19.7	27.9	39.4	51.3	64.3	77.3	89.4	101.3	114.3	127.9
-21.25°	12.7	17.9	23.7	35.1	46.4	59.0	71.8	84.0	95.8	107.7	121.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	10.9	16.0	21.0	30.6	41.7	53.4	66.0	78.5	90.0	101.4	113.8
-23.75°	10.7	14.0	19.0	25.8	36.8	47.7	60.0	72.2	83.9	95.1	106.3
-25°	10.6	12.0	16.9	21.7	31.7	42.4	53.7	65.7	77.6	88.6	99.5
-26.25°	10.5	10.7	14.7	19.4	26.3	36.9	47.3	58.9	70.6	81.9	92.5
-27.5°	10.3	10.6	12.4	17.0	21.7	31.1	41.3	51.9	63.3	74.7	85.3
-28.75°	10.2	10.5	10.7	14.6	19.1	25.2	35.2	45.1	55.8	66.9	77.8
-30°	10.0	10.3	10.6	12.0	16.5	20.9	28.9	38.6	48.1	58.9	69.6
-31.25°	9.9	10.2	10.4	10.7	13.8	18.1	22.4	31.8	41.2	50.7	61.2
-32.5°	9.8	10.0	10.3	10.6	11.0	15.2	19.4	25.0	34.1	43.1	52.5
-33.75°	9.6	9.9	10.1	10.4	10.6	12.2	16.3	20.4	26.8	35.6	44.2
-35°	9.5	9.7	10.0	10.2	10.5	10.7	13.2	17.1	21.0	27.9	36.3
-36.25°	9.3	9.5	9.8	10.0	10.3	10.5	10.8	13.8	17.6	21.4	28.3
-37.5°	9.1	9.4	9.6	9.9	10.1	10.3	10.6	10.8	14.2	17.8	21.4
-38.75°	9.0	9.2	9.4	9.7	9.9	10.1	10.4	10.6	10.8	14.2	17.6
-40°	8.8	9.0	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8	13.8
-41.25°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.4	10.6	10.8
-42.5°	8.4	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5
-43.75°	8.2	8.4	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3
-45°	8.0	8.2	8.5	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.0
-46.25°	7.9	8.0	8.2	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.8
-47.5°	7.9	7.9	8.0	8.2	8.4	8.7	8.8	9.0	9.2	9.4	9.5
-48.75°	7.9	7.9	7.9	8.0	8.2	8.4	8.6	8.8	9.0	9.1	9.3
-50°	7.9	7.9	7.9	7.9	8.0	8.2	8.3	8.5	8.7	8.9	9.0
-51.25°	7.7	7.9	7.9	7.9	7.9	7.9	8.1	8.3	8.5	8.6	8.8
-52.5°	7.5	7.7	7.9	7.9	7.9	7.9	7.9	8.0	8.2	8.3	8.5
-53.75°	7.3	7.5	7.7	7.8	7.9	7.9	7.9	7.9	7.9	8.1	8.2
-55°	7.1	7.3	7.4	7.6	7.8	7.9	7.9	7.9	7.9	7.9	7.9
-56.25°	6.9	7.1	7.2	7.4	7.5	7.7	7.8	7.9	7.9	7.9	7.9
-57.5°	6.7	6.9	7.0	7.2	7.3	7.4	7.6	7.7	7.8	7.9	7.9
-58.75°	6.5	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.8
-60°	6.3	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.6
-61.25°	6.1	6.2	6.3	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.3
-62.5°	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.8	6.9	7.0
-63.75°	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.7	6.8
-65°	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5
-66.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.2
-67.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9
-68.75°	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-70°	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.8
-71.25°	4.9	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8
-72.5°	4.5	4.6	4.8	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.5
-73.75°	4.0	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.3
-75°	3.6	3.6	3.8	3.9	4.1	4.2	4.3	4.5	4.6	4.7	4.8
-76.25°	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
-77.5°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.6



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
-80°	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1
-81.25°	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8
-82.5°	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
-83.75°	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2
-85°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6
-86.25°	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
-88.75°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
85°	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
83.75°	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
82.5°	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
81.25°	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1
80°	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
78.75°	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.8	3.8
77.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5
76.25°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2
75°	4.9	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4	5.5
73.75°	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8
72.5°	5.6	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
71.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.1
68.75°	5.8	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4
67.5°	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.7
66.25°	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.0
65°	6.6	6.7	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.3
63.75°	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7
62.5°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	7.9
61.25°	7.4	7.5	7.6	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9
60°	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
58.75°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.3
57.5°	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
56.25°	7.9	7.9	8.0	8.2	8.3	8.4	8.5	8.7	8.8	8.9	8.9
55°	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3
53.75°	8.4	8.5	8.7	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6
52.5°	8.7	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	9.9
51.25°	8.9	9.1	9.2	9.4	9.5	9.6	9.7	9.9	10.0	10.1	10.2
50°	9.2	9.3	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.4	10.5
48.75°	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.5	10.6	10.7	10.9
47.5°	9.7	9.9	10.0	10.2	10.3	10.5	10.6	10.7	12.0	14.0	16.0
46.25°	10.0	10.1	10.3	10.4	10.6	10.7	12.4	14.7	16.9	19.0	21.0
45°	10.2	10.4	10.6	10.7	12.0	14.6	17.0	19.4	21.7	25.8	30.6
43.75°	10.5	10.6	11.0	13.8	16.5	19.1	21.7	26.3	31.7	36.8	41.7
42.5°	10.7	12.2	15.2	18.1	20.9	25.2	31.1	36.9	42.4	47.7	53.4
41.25°	13.2	16.3	19.4	22.4	28.9	35.2	41.3	47.3	53.7	60.0	66.0
40°	17.1	20.4	25.0	31.8	38.6	45.1	51.9	58.9	65.7	72.2	78.5
38.75°	21.0	26.8	34.1	41.2	48.1	55.8	63.3	70.6	77.6	83.9	90.0
37.5°	27.9	35.6	43.1	50.7	58.9	66.9	74.7	81.9	88.6	95.1	101.4
36.25°	36.3	44.2	52.5	61.2	69.6	77.8	85.3	92.5	99.5	106.3	113.8
35°	44.6	53.4	62.5	71.4	80.0	87.8	95.5	103.0	110.9	119.0	126.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	53.4	62.9	72.3	81.2	89.6	97.7	105.7	114.5	123.2	131.5	140.2
32.5°	62.5	72.3	81.7	90.4	99.0	107.7	117.1	126.3	135.2	145.8	156.6
31.25°	71.4	81.2	90.4	99.5	108.7	118.7	128.4	138.1	150.1	161.6	172.8
30°	80.0	89.6	99.0	108.7	119.2	129.5	140.2	152.9	165.2	177.2	190.6
28.75°	87.8	97.7	107.7	118.7	129.5	140.9	154.3	167.4	180.4	195.0	209.1
27.5°	95.5	105.7	117.1	128.4	140.2	154.3	168.1	182.2	197.6	212.7	227.3
26.25°	103.0	114.5	126.3	138.1	152.9	167.4	182.2	198.5	214.5	230.5	247.5
25°	110.9	123.2	135.2	150.1	165.2	180.4	197.6	214.5	231.5	249.7	267.3
23.75°	119.0	131.5	145.8	161.6	177.2	195.0	212.7	230.5	249.7	268.4	287.4
22.5°	126.7	140.2	156.6	172.8	190.6	209.1	227.3	247.5	267.3	287.4	308.7
21.25°	134.2	150.2	167.0	184.5	203.7	222.7	243.3	264.1	284.8	307.4	329.5
20°	142.6	159.8	176.9	196.6	216.3	237.0	258.6	280.0	303.5	326.8	349.9
18.75°	151.3	169.0	187.9	208.2	228.6	251.1	273.4	297.1	321.5	345.6	370.3
17.5°	159.7	177.6	198.5	219.3	241.6	264.6	288.2	313.7	338.8	364.4	392.5
16.25°	167.6	187.2	208.5	230.1	253.9	277.5	303.3	329.4	355.7	384.0	411.2
15°	174.9	196.2	217.9	241.2	265.5	290.6	317.6	344.4	372.3	402.6	427.5
13.75°	182.4	204.6	226.8	251.6	276.3	303.4	331.0	359.0	389.7	417.7	441.9
12.5°	189.9	212.4	236.0	261.2	287.0	315.3	343.4	373.0	404.7	431.0	454.5
11.25°	196.7	219.6	244.4	270.0	297.4	326.2	355.3	387.2	417.1	442.9	465.7
10°	202.9	226.0	252.0	278.0	306.9	336.1	366.2	400.0	427.9	452.9	475.6
8.75°	208.4	232.4	258.8	285.6	315.3	345.0	376.8	409.6	437.2	461.7	484.6
7.5°	213.2	238.1	264.7	292.6	322.7	353.1	386.5	418.0	445.3	469.3	492.1
6.25°	217.2	242.9	269.8	298.6	329.0	360.0	394.7	425.1	451.6	475.7	498.6
5°	220.6	246.9	273.9	303.6	334.2	365.7	401.2	430.6	456.8	481.0	504.0
3.75°	223.2	250.0	277.2	307.4	338.2	370.3	405.6	434.9	460.9	485.2	508.4
2.5°	225.1	252.2	279.5	310.2	341.2	374.0	408.8	437.9	463.8	488.1	511.6
1.25°	226.2	253.6	280.9	311.9	342.9	376.2	410.7	439.8	465.6	489.8	513.5
0°	226.6	254.0	281.4	312.5	343.5	376.9	411.4	440.4	466.2	490.4	514.2
-1.25°	226.2	253.6	280.9	311.9	342.9	376.2	410.7	439.8	465.6	489.8	513.5
-2.5°	225.1	252.2	279.5	310.2	341.2	374.0	408.8	437.9	463.8	488.1	511.6
-3.75°	223.2	250.0	277.2	307.4	338.2	370.3	405.6	434.9	460.9	485.2	508.4
-5°	220.6	246.9	273.9	303.6	334.2	365.7	401.2	430.6	456.8	481.0	504.0
-6.25°	217.2	242.9	269.8	298.6	329.0	360.0	394.7	425.1	451.6	475.7	498.6
-7.5°	213.2	238.1	264.7	292.6	322.7	353.1	386.5	418.0	445.3	469.3	492.1
-8.75°	208.4	232.4	258.8	285.6	315.3	345.0	376.8	409.6	437.2	461.7	484.6
-10°	202.9	226.0	252.0	278.0	306.9	336.1	366.2	400.0	427.9	452.9	475.6
-11.25°	196.7	219.6	244.4	270.0	297.4	326.2	355.3	387.2	417.1	442.9	465.7
-12.5°	189.9	212.4	236.0	261.2	287.0	315.3	343.4	373.0	404.7	431.0	454.5
-13.75°	182.4	204.6	226.8	251.6	276.3	303.4	331.0	359.0	389.7	417.7	441.9
-15°	174.9	196.2	217.9	241.2	265.5	290.6	317.6	344.4	372.3	402.6	427.5
-16.25°	167.6	187.2	208.5	230.1	253.9	277.5	303.3	329.4	355.7	384.0	411.2
-17.5°	159.7	177.6	198.5	219.3	241.6	264.6	288.2	313.7	338.8	364.4	392.5
-18.75°	151.3	169.0	187.9	208.2	228.6	251.1	273.4	297.1	321.5	345.6	370.3
-20°	142.6	159.8	176.9	196.6	216.3	237.0	258.6	280.0	303.5	326.8	349.9
-21.25°	134.2	150.2	167.0	184.5	203.7	222.7	243.3	264.1	284.8	307.4	329.5



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	126.7	140.2	156.6	172.8	190.6	209.1	227.3	247.5	267.3	287.4	308.7
-23.75°	119.0	131.5	145.8	161.6	177.2	195.0	212.7	230.5	249.7	268.4	287.4
-25°	110.9	123.2	135.2	150.1	165.2	180.4	197.6	214.5	231.5	249.7	267.3
-26.25°	103.0	114.5	126.3	138.1	152.9	167.4	182.2	198.5	214.5	230.5	247.5
-27.5°	95.5	105.7	117.1	128.4	140.2	154.3	168.1	182.2	197.6	212.7	227.3
-28.75°	87.8	97.7	107.7	118.7	129.5	140.9	154.3	167.4	180.4	195.0	209.1
-30°	80.0	89.6	99.0	108.7	119.2	129.5	140.2	152.9	165.2	177.2	190.6
-31.25°	71.4	81.2	90.4	99.5	108.7	118.7	128.4	138.1	150.1	161.6	172.8
-32.5°	62.5	72.3	81.7	90.4	99.0	107.7	117.1	126.3	135.2	145.8	156.6
-33.75°	53.4	62.9	72.3	81.2	89.6	97.7	105.7	114.5	123.2	131.5	140.2
-35°	44.6	53.4	62.5	71.4	80.0	87.8	95.5	103.0	110.9	119.0	126.7
-36.25°	36.3	44.2	52.5	61.2	69.6	77.8	85.3	92.5	99.5	106.3	113.8
-37.5°	27.9	35.6	43.1	50.7	58.9	66.9	74.7	81.9	88.6	95.1	101.4
-38.75°	21.0	26.8	34.1	41.2	48.1	55.8	63.3	70.6	77.6	83.9	90.0
-40°	17.1	20.4	25.0	31.8	38.6	45.1	51.9	58.9	65.7	72.2	78.5
-41.25°	13.2	16.3	19.4	22.4	28.9	35.2	41.3	47.3	53.7	60.0	66.0
-42.5°	10.7	12.2	15.2	18.1	20.9	25.2	31.1	36.9	42.4	47.7	53.4
-43.75°	10.5	10.6	11.0	13.8	16.5	19.1	21.7	26.3	31.7	36.8	41.7
-45°	10.2	10.4	10.6	10.7	12.0	14.6	17.0	19.4	21.7	25.8	30.6
-46.25°	10.0	10.1	10.3	10.4	10.6	10.7	12.4	14.7	16.9	19.0	21.0
-47.5°	9.7	9.9	10.0	10.2	10.3	10.5	10.6	10.7	12.0	14.0	16.0
-48.75°	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.5	10.6	10.7	10.9
-50°	9.2	9.3	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.4	10.5
-51.25°	8.9	9.1	9.2	9.4	9.5	9.6	9.7	9.9	10.0	10.1	10.2
-52.5°	8.7	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	9.9
-53.75°	8.4	8.5	8.7	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6
-55°	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3
-56.25°	7.9	7.9	8.0	8.2	8.3	8.4	8.5	8.7	8.8	8.9	8.9
-57.5°	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
-58.75°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.3
-60°	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-61.25°	7.4	7.5	7.6	7.7	7.8	7.9	7.9	7.9	7.9	7.9	7.9
-62.5°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	7.9
-63.75°	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7
-65°	6.6	6.7	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.3
-66.25°	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.0
-67.5°	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.7
-68.75°	5.8	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4
-70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.1
-71.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-72.5°	5.6	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-73.75°	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8
-75°	4.9	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4	5.5
-76.25°	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2
-77.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.8	3.8
-80°	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
-81.25°	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1
-82.5°	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
-83.75°	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4
-85°	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
-86.25°	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
85°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2
83.75°	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9
81.25°	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
80°	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6
78.75°	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.3
77.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0
76.25°	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4
75°	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7
73.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
71.25°	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.1	6.1
70°	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4
68.75°	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8
67.5°	6.8	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1
66.25°	7.1	7.1	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.5
65°	7.4	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.8	7.8	7.8
63.75°	7.7	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
62.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
61.25°	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2
60°	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.5	8.5	8.5	8.6
58.75°	8.4	8.4	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9
57.5°	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.2	9.3
56.25°	9.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.6	9.6
55°	9.3	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.9	9.9	10.0
53.75°	9.7	9.8	9.8	9.9	10.0	10.1	10.1	10.2	10.2	10.3	10.3
52.5°	10.0	10.1	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.6	10.7
51.25°	10.3	10.4	10.5	10.6	10.6	10.7	10.8	11.6	12.5	13.4	14.1
50°	10.6	10.7	10.8	12.2	13.6	14.9	16.1	17.2	18.1	19.0	19.8
48.75°	12.7	14.4	16.1	17.6	19.0	20.4	21.6	23.1	25.4	27.5	29.3
47.5°	17.9	19.7	21.3	23.6	26.9	30.0	32.9	35.5	37.9	40.1	42.0
46.25°	23.7	27.9	31.8	35.5	38.9	42.2	45.2	47.9	50.7	53.3	55.6
45°	35.1	39.4	43.5	47.3	51.3	55.2	58.7	62.0	65.0	67.7	70.0
43.75°	46.4	51.3	56.1	60.7	65.0	69.0	72.7	76.1	79.1	81.7	84.0
42.5°	59.0	64.3	69.4	74.1	78.5	82.4	86.0	89.3	92.3	95.0	97.4
41.25°	71.8	77.3	82.2	86.8	91.1	95.2	98.9	102.4	105.5	108.8	111.7
40°	84.0	89.4	94.4	99.2	103.7	108.3	112.8	116.9	120.7	124.1	127.1
38.75°	95.8	101.3	106.7	112.4	117.8	122.9	127.6	131.9	135.8	140.0	144.1
37.5°	107.7	114.3	120.6	126.6	132.2	137.5	143.8	149.7	155.0	159.8	164.1
36.25°	121.0	127.9	134.4	141.6	149.2	156.3	162.9	168.9	174.5	179.7	185.0
35°	134.2	142.6	151.3	159.7	167.6	174.9	182.4	189.9	196.7	202.9	208.4



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	150.2	159.8	169.0	177.6	187.2	196.2	204.6	212.4	219.6	226.0	232.4
32.5°	167.0	176.9	187.9	198.5	208.5	217.9	226.8	236.0	244.4	252.0	258.8
31.25°	184.5	196.6	208.2	219.3	230.1	241.2	251.6	261.2	270.0	278.0	285.6
30°	203.7	216.3	228.6	241.6	253.9	265.5	276.3	287.0	297.4	306.9	315.3
28.75°	222.7	237.0	251.1	264.6	277.5	290.6	303.4	315.3	326.2	336.1	345.0
27.5°	243.3	258.6	273.4	288.2	303.3	317.6	331.0	343.4	355.3	366.2	376.8
26.25°	264.1	280.0	297.1	313.7	329.4	344.4	359.0	373.0	387.2	400.0	409.6
25°	284.8	303.5	321.5	338.8	355.7	372.3	389.7	404.7	417.1	427.9	437.2
23.75°	307.4	326.8	345.6	364.4	384.0	402.6	417.7	431.0	442.9	452.9	461.7
22.5°	329.5	349.9	370.3	392.5	411.2	427.5	441.9	454.5	465.7	475.6	484.6
21.25°	351.3	373.6	397.7	417.0	434.3	449.9	463.4	475.8	487.2	497.2	506.3
20°	373.6	399.3	420.0	438.5	454.9	469.8	483.6	496.0	507.6	518.7	528.8
18.75°	397.7	420.0	439.8	457.5	473.6	488.7	502.5	515.9	528.7	540.8	551.2
17.5°	417.0	438.5	457.5	474.9	491.2	506.4	521.5	536.2	549.6	561.4	572.9
16.25°	434.3	454.9	473.6	491.2	507.8	524.4	540.7	555.4	569.4	582.9	596.1
15°	449.9	469.8	488.7	506.4	524.4	542.3	558.4	574.3	590.2	605.5	620.0
13.75°	463.4	483.6	502.5	521.5	540.7	558.4	576.0	593.9	611.5	628.4	644.4
12.5°	475.8	496.0	515.9	536.2	555.4	574.3	593.9	613.5	632.7	651.2	668.3
11.25°	487.2	507.6	528.7	549.6	569.4	590.2	611.5	632.7	653.5	673.1	689.7
10°	497.2	518.7	540.8	561.4	582.9	605.5	628.4	651.2	673.1	692.0	707.0
8.75°	506.3	528.8	551.2	572.9	596.1	620.0	644.4	668.3	689.7	707.0	721.8
7.5°	514.6	537.9	560.2	583.2	608.0	633.3	658.8	682.8	703.0	719.8	734.5
6.25°	521.8	545.7	568.4	592.8	618.6	645.1	671.5	695.0	713.9	730.6	745.6
5°	527.9	551.8	575.4	600.8	627.5	655.0	681.4	703.7	722.7	739.4	755.3
3.75°	532.7	556.6	580.9	607.3	634.8	662.9	689.1	710.8	729.5	746.5	762.6
2.5°	536.2	560.1	585.0	612.0	640.1	668.6	694.7	715.6	734.3	751.9	768.0
1.25°	538.3	562.2	587.6	614.9	643.3	672.1	697.6	718.5	737.2	755.2	771.0
0°	539.1	562.9	588.5	615.9	644.4	673.3	698.5	719.5	738.2	756.3	772.0
-1.25°	538.3	562.2	587.6	614.9	643.3	672.1	697.6	718.5	737.2	755.2	771.0
-2.5°	536.2	560.1	585.0	612.0	640.1	668.6	694.7	715.6	734.3	751.9	768.0
-3.75°	532.7	556.6	580.9	607.3	634.8	662.9	689.1	710.8	729.5	746.5	762.6
-5°	527.9	551.8	575.4	600.8	627.5	655.0	681.4	703.7	722.7	739.4	755.3
-6.25°	521.8	545.7	568.4	592.8	618.6	645.1	671.5	695.0	713.9	730.6	745.6
-7.5°	514.6	537.9	560.2	583.2	608.0	633.3	658.8	682.8	703.0	719.8	734.5
-8.75°	506.3	528.8	551.2	572.9	596.1	620.0	644.4	668.3	689.7	707.0	721.8
-10°	497.2	518.7	540.8	561.4	582.9	605.5	628.4	651.2	673.1	692.0	707.0
-11.25°	487.2	507.6	528.7	549.6	569.4	590.2	611.5	632.7	653.5	673.1	689.7
-12.5°	475.8	496.0	515.9	536.2	555.4	574.3	593.9	613.5	632.7	651.2	668.3
-13.75°	463.4	483.6	502.5	521.5	540.7	558.4	576.0	593.9	611.5	628.4	644.4
-15°	449.9	469.8	488.7	506.4	524.4	542.3	558.4	574.3	590.2	605.5	620.0
-16.25°	434.3	454.9	473.6	491.2	507.8	524.4	540.7	555.4	569.4	582.9	596.1
-17.5°	417.0	438.5	457.5	474.9	491.2	506.4	521.5	536.2	549.6	561.4	572.9
-18.75°	397.7	420.0	439.8	457.5	473.6	488.7	502.5	515.9	528.7	540.8	551.2
-20°	373.6	399.3	420.0	438.5	454.9	469.8	483.6	496.0	507.6	518.7	528.8
-21.25°	351.3	373.6	397.7	417.0	434.3	449.9	463.4	475.8	487.2	497.2	506.3



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	329.5	349.9	370.3	392.5	411.2	427.5	441.9	454.5	465.7	475.6	484.6
-23.75°	307.4	326.8	345.6	364.4	384.0	402.6	417.7	431.0	442.9	452.9	461.7
-25°	284.8	303.5	321.5	338.8	355.7	372.3	389.7	404.7	417.1	427.9	437.2
-26.25°	264.1	280.0	297.1	313.7	329.4	344.4	359.0	373.0	387.2	400.0	409.6
-27.5°	243.3	258.6	273.4	288.2	303.3	317.6	331.0	343.4	355.3	366.2	376.8
-28.75°	222.7	237.0	251.1	264.6	277.5	290.6	303.4	315.3	326.2	336.1	345.0
-30°	203.7	216.3	228.6	241.6	253.9	265.5	276.3	287.0	297.4	306.9	315.3
-31.25°	184.5	196.6	208.2	219.3	230.1	241.2	251.6	261.2	270.0	278.0	285.6
-32.5°	167.0	176.9	187.9	198.5	208.5	217.9	226.8	236.0	244.4	252.0	258.8
-33.75°	150.2	159.8	169.0	177.6	187.2	196.2	204.6	212.4	219.6	226.0	232.4
-35°	134.2	142.6	151.3	159.7	167.6	174.9	182.4	189.9	196.7	202.9	208.4
-36.25°	121.0	127.9	134.4	141.6	149.2	156.3	162.9	168.9	174.5	179.7	185.0
-37.5°	107.7	114.3	120.6	126.6	132.2	137.5	143.8	149.7	155.0	159.8	164.1
-38.75°	95.8	101.3	106.7	112.4	117.8	122.9	127.6	131.9	135.8	140.0	144.1
-40°	84.0	89.4	94.4	99.2	103.7	108.3	112.8	116.9	120.7	124.1	127.1
-41.25°	71.8	77.3	82.2	86.8	91.1	95.2	98.9	102.4	105.5	108.8	111.7
-42.5°	59.0	64.3	69.4	74.1	78.5	82.4	86.0	89.3	92.3	95.0	97.4
-43.75°	46.4	51.3	56.1	60.7	65.0	69.0	72.7	76.1	79.1	81.7	84.0
-45°	35.1	39.4	43.5	47.3	51.3	55.2	58.7	62.0	65.0	67.7	70.0
-46.25°	23.7	27.9	31.8	35.5	38.9	42.2	45.2	47.9	50.7	53.3	55.6
-47.5°	17.9	19.7	21.3	23.6	26.9	30.0	32.9	35.5	37.9	40.1	42.0
-48.75°	12.7	14.4	16.1	17.6	19.0	20.4	21.6	23.1	25.4	27.5	29.3
-50°	10.6	10.7	10.8	12.2	13.6	14.9	16.1	17.2	18.1	19.0	19.8
-51.25°	10.3	10.4	10.5	10.6	10.6	10.7	10.8	11.6	12.5	13.4	14.1
-52.5°	10.0	10.1	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.6	10.7
-53.75°	9.7	9.8	9.8	9.9	10.0	10.1	10.1	10.2	10.2	10.3	10.3
-55°	9.3	9.4	9.5	9.6	9.7	9.7	9.8	9.8	9.9	9.9	10.0
-56.25°	9.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.6	9.6
-57.5°	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.2	9.3
-58.75°	8.4	8.4	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	8.9
-60°	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.5	8.5	8.5	8.6
-61.25°	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2
-62.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-63.75°	7.7	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-65°	7.4	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.8	7.8	7.8
-66.25°	7.1	7.1	7.2	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.5
-67.5°	6.8	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1
-68.75°	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.8	6.8
-70°	6.1	6.1	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4
-71.25°	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.1	6.1
-72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-73.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-75°	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7
-76.25°	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4
-77.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.3
-80°	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6
-81.25°	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
-82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9
-83.75°	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-85°	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2
-86.25°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
81.25°	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2
80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
78.75°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
77.5°	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
76.25°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4
75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
73.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
71.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.1	6.1
70°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
68.75°	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.8	6.8	6.8
67.5°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
66.25°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
65°	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
63.75°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
62.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
61.25°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
60°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
58.75°	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.0	9.0	9.0	9.0
57.5°	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
56.25°	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.7	9.7
55°	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
53.75°	10.3	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.4
52.5°	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
51.25°	14.8	15.3	15.8	16.1	16.4	16.5	16.6	16.5	16.4	16.1	15.8
50°	20.5	21.1	21.6	21.9	22.2	22.3	22.4	22.3	22.2	21.9	21.6
48.75°	30.9	32.3	33.4	34.2	34.9	35.2	35.4	35.2	34.9	34.2	33.4
47.5°	43.7	45.1	46.2	47.1	47.8	48.2	48.3	48.2	47.8	47.1	46.2
46.25°	57.6	59.3	60.6	61.7	62.5	62.9	63.1	62.9	62.5	61.7	60.6
45°	72.1	73.9	75.3	76.4	77.3	77.7	77.9	77.7	77.3	76.4	75.3
43.75°	86.0	87.7	89.1	90.2	91.0	91.5	91.7	91.5	91.0	90.2	89.1
42.5°	99.5	101.3	102.8	103.9	104.7	105.2	105.4	105.2	104.7	103.9	102.8
41.25°	114.2	116.3	118.1	119.5	120.5	121.1	121.3	121.1	120.5	119.5	118.1
40°	129.7	132.0	133.8	135.2	136.3	136.9	137.1	136.9	136.3	135.2	133.8
38.75°	147.7	150.7	153.2	155.1	156.5	157.4	157.7	157.4	156.5	155.1	153.2
37.5°	167.8	170.9	173.5	175.6	177.0	177.9	178.2	177.9	177.0	175.6	173.5
36.25°	189.6	193.5	196.7	199.2	201.0	202.0	202.4	202.0	201.0	199.2	196.7
35°	213.2	217.2	220.6	223.2	225.1	226.2	226.6	226.2	225.1	223.2	220.6



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	238.1	242.9	246.9	250.0	252.2	253.6	254.0	253.6	252.2	250.0	246.9
32.5°	264.7	269.8	273.9	277.2	279.5	280.9	281.4	280.9	279.5	277.2	273.9
31.25°	292.6	298.6	303.6	307.4	310.2	311.9	312.5	311.9	310.2	307.4	303.6
30°	322.7	329.0	334.2	338.2	341.2	342.9	343.5	342.9	341.2	338.2	334.2
28.75°	353.1	360.0	365.7	370.3	374.0	376.2	376.9	376.2	374.0	370.3	365.7
27.5°	386.5	394.7	401.2	405.6	408.8	410.7	411.4	410.7	408.8	405.6	401.2
26.25°	418.0	425.1	430.6	434.9	437.9	439.8	440.4	439.8	437.9	434.9	430.6
25°	445.3	451.6	456.8	460.9	463.8	465.6	466.2	465.6	463.8	460.9	456.8
23.75°	469.3	475.7	481.0	485.2	488.1	489.8	490.4	489.8	488.1	485.2	481.0
22.5°	492.1	498.6	504.0	508.4	511.6	513.5	514.2	513.5	511.6	508.4	504.0
21.25°	514.6	521.8	527.9	532.7	536.2	538.3	539.1	538.3	536.2	532.7	527.9
20°	537.9	545.7	551.8	556.6	560.1	562.2	562.9	562.2	560.1	556.6	551.8
18.75°	560.2	568.4	575.4	580.9	585.0	587.6	588.5	587.6	585.0	580.9	575.4
17.5°	583.2	592.8	600.8	607.3	612.0	614.9	615.9	614.9	612.0	607.3	600.8
16.25°	608.0	618.6	627.5	634.8	640.1	643.3	644.4	643.3	640.1	634.8	627.5
15°	633.3	645.1	655.0	662.9	668.6	672.1	673.3	672.1	668.6	662.9	655.0
13.75°	658.8	671.5	681.4	689.1	694.7	697.6	698.5	697.6	694.7	689.1	681.4
12.5°	682.8	695.0	703.7	710.8	715.6	718.5	719.5	718.5	715.6	710.8	703.7
11.25°	703.0	713.9	722.7	729.5	734.3	737.2	738.2	737.2	734.3	729.5	722.7
10°	719.8	730.6	739.4	746.5	751.9	755.2	756.3	755.2	751.9	746.5	739.4
8.75°	734.5	745.6	755.3	762.6	768.0	771.0	772.0	771.0	768.0	762.6	755.3
7.5°	747.7	759.5	769.2	776.0	780.8	783.0	783.7	783.0	780.8	776.0	769.2
6.25°	759.5	771.1	780.1	785.2	787.7	788.2	788.4	788.2	787.7	785.2	780.1
5°	769.2	780.1	786.8	788.4	787.6	786.3	785.9	786.3	787.6	788.4	786.8
3.75°	776.0	785.2	788.4	786.8	783.0	779.8	778.5	779.8	783.0	786.8	788.4
2.5°	780.8	787.7	787.6	783.0	777.1	772.4	770.7	772.4	777.1	783.0	787.6
1.25°	783.0	788.2	786.3	779.8	772.4	767.5	766.8	767.5	772.4	779.8	786.3
0°	783.7	788.4	785.9	778.5	770.7	766.8	768.5	766.8	770.7	778.5	785.9
-1.25°	783.0	788.2	786.3	779.8	772.4	767.5	766.8	767.5	772.4	779.8	786.3
-2.5°	780.8	787.7	787.6	783.0	777.1	772.4	770.7	772.4	777.1	783.0	787.6
-3.75°	776.0	785.2	788.4	786.8	783.0	779.8	778.5	779.8	783.0	786.8	788.4
-5°	769.2	780.1	786.8	788.4	787.6	786.3	785.9	786.3	787.6	788.4	786.8
-6.25°	759.5	771.1	780.1	785.2	787.7	788.2	788.4	788.2	787.7	785.2	780.1
-7.5°	747.7	759.5	769.2	776.0	780.8	783.0	783.7	783.0	780.8	776.0	769.2
-8.75°	734.5	745.6	755.3	762.6	768.0	771.0	772.0	771.0	768.0	762.6	755.3
-10°	719.8	730.6	739.4	746.5	751.9	755.2	756.3	755.2	751.9	746.5	739.4
-11.25°	703.0	713.9	722.7	729.5	734.3	737.2	738.2	737.2	734.3	729.5	722.7
-12.5°	682.8	695.0	703.7	710.8	715.6	718.5	719.5	718.5	715.6	710.8	703.7
-13.75°	658.8	671.5	681.4	689.1	694.7	697.6	698.5	697.6	694.7	689.1	681.4
-15°	633.3	645.1	655.0	662.9	668.6	672.1	673.3	672.1	668.6	662.9	655.0
-16.25°	608.0	618.6	627.5	634.8	640.1	643.3	644.4	643.3	640.1	634.8	627.5
-17.5°	583.2	592.8	600.8	607.3	612.0	614.9	615.9	614.9	612.0	607.3	600.8
-18.75°	560.2	568.4	575.4	580.9	585.0	587.6	588.5	587.6	585.0	580.9	575.4
-20°	537.9	545.7	551.8	556.6	560.1	562.2	562.9	562.2	560.1	556.6	551.8
-21.25°	514.6	521.8	527.9	532.7	536.2	538.3	539.1	538.3	536.2	532.7	527.9



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	492.1	498.6	504.0	508.4	511.6	513.5	514.2	513.5	511.6	508.4	504.0
-23.75°	469.3	475.7	481.0	485.2	488.1	489.8	490.4	489.8	488.1	485.2	481.0
-25°	445.3	451.6	456.8	460.9	463.8	465.6	466.2	465.6	463.8	460.9	456.8
-26.25°	418.0	425.1	430.6	434.9	437.9	439.8	440.4	439.8	437.9	434.9	430.6
-27.5°	386.5	394.7	401.2	405.6	408.8	410.7	411.4	410.7	408.8	405.6	401.2
-28.75°	353.1	360.0	365.7	370.3	374.0	376.2	376.9	376.2	374.0	370.3	365.7
-30°	322.7	329.0	334.2	338.2	341.2	342.9	343.5	342.9	341.2	338.2	334.2
-31.25°	292.6	298.6	303.6	307.4	310.2	311.9	312.5	311.9	310.2	307.4	303.6
-32.5°	264.7	269.8	273.9	277.2	279.5	280.9	281.4	280.9	279.5	277.2	273.9
-33.75°	238.1	242.9	246.9	250.0	252.2	253.6	254.0	253.6	252.2	250.0	246.9
-35°	213.2	217.2	220.6	223.2	225.1	226.2	226.6	226.2	225.1	223.2	220.6
-36.25°	189.6	193.5	196.7	199.2	201.0	202.0	202.4	202.0	201.0	199.2	196.7
-37.5°	167.8	170.9	173.5	175.6	177.0	177.9	178.2	177.9	177.0	175.6	173.5
-38.75°	147.7	150.7	153.2	155.1	156.5	157.4	157.7	157.4	156.5	155.1	153.2
-40°	129.7	132.0	133.8	135.2	136.3	136.9	137.1	136.9	136.3	135.2	133.8
-41.25°	114.2	116.3	118.1	119.5	120.5	121.1	121.3	121.1	120.5	119.5	118.1
-42.5°	99.5	101.3	102.8	103.9	104.7	105.2	105.4	105.2	104.7	103.9	102.8
-43.75°	86.0	87.7	89.1	90.2	91.0	91.5	91.7	91.5	91.0	90.2	89.1
-45°	72.1	73.9	75.3	76.4	77.3	77.7	77.9	77.7	77.3	76.4	75.3
-46.25°	57.6	59.3	60.6	61.7	62.5	62.9	63.1	62.9	62.5	61.7	60.6
-47.5°	43.7	45.1	46.2	47.1	47.8	48.2	48.3	48.2	47.8	47.1	46.2
-48.75°	30.9	32.3	33.4	34.2	34.9	35.2	35.4	35.2	34.9	34.2	33.4
-50°	20.5	21.1	21.6	21.9	22.2	22.3	22.4	22.3	22.2	21.9	21.6
-51.25°	14.8	15.3	15.8	16.1	16.4	16.5	16.6	16.5	16.4	16.1	15.8
-52.5°	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
-53.75°	10.3	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.4
-55°	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
-56.25°	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.7	9.7	9.7	9.7
-57.5°	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
-58.75°	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.0	9.0	9.0	9.0
-60°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-61.25°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-62.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-63.75°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-65°	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-66.25°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
-67.5°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
-68.75°	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.8	6.8	6.8
-70°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
-71.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.1	6.1
-72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-73.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-76.25°	5.4	5.4	5.4	5.4	5.4	5.4	5.5	5.4	5.4	5.4	5.4
-77.5°	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
-80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-81.25°	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2
-82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
-83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5
-85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3
85°	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0
83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
82.5°	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8
81.25°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
80°	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.4
78.75°	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0
77.5°	5.1	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7
76.25°	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2
75°	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6
73.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
71.25°	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9
70°	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2
68.75°	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.5
67.5°	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8
66.25°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2
65°	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.6	7.5
63.75°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8
62.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
61.25°	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9	7.9
60°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1
58.75°	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5
57.5°	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.9
56.25°	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3	9.3	9.2
55°	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5
53.75°	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.8
52.5°	10.7	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.3	10.2	10.2
51.25°	15.3	14.8	14.1	13.4	12.5	11.6	10.8	10.7	10.6	10.6	10.5
50°	21.1	20.5	19.8	19.0	18.1	17.2	16.1	14.9	13.6	12.2	10.8
48.75°	32.3	30.9	29.3	27.5	25.4	23.1	21.6	20.4	19.0	17.6	16.1
47.5°	45.1	43.7	42.0	40.1	37.9	35.5	32.9	30.0	26.9	23.6	21.3
46.25°	59.3	57.6	55.6	53.3	50.7	47.9	45.2	42.2	38.9	35.5	31.8
45°	73.9	72.1	70.0	67.7	65.0	62.0	58.7	55.2	51.3	47.3	43.5
43.75°	87.7	86.0	84.0	81.7	79.1	76.1	72.7	69.0	65.0	60.7	56.1
42.5°	101.3	99.5	97.4	95.0	92.3	89.3	86.0	82.4	78.5	74.1	69.4
41.25°	116.3	114.2	111.7	108.8	105.5	102.4	98.9	95.2	91.1	86.8	82.2
40°	132.0	129.7	127.1	124.1	120.7	116.9	112.8	108.3	103.7	99.2	94.4
38.75°	150.7	147.7	144.1	140.0	135.8	131.9	127.6	122.9	117.8	112.4	106.7
37.5°	170.9	167.8	164.1	159.8	155.0	149.7	143.8	137.5	132.2	126.6	120.6
36.25°	193.5	189.6	185.0	179.7	174.5	168.9	162.9	156.3	149.2	141.6	134.4
35°	217.2	213.2	208.4	202.9	196.7	189.9	182.4	174.9	167.6	159.7	151.3



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	242.9	238.1	232.4	226.0	219.6	212.4	204.6	196.2	187.2	177.6	169.0
32.5°	269.8	264.7	258.8	252.0	244.4	236.0	226.8	217.9	208.5	198.5	187.9
31.25°	298.6	292.6	285.6	278.0	270.0	261.2	251.6	241.2	230.1	219.3	208.2
30°	329.0	322.7	315.3	306.9	297.4	287.0	276.3	265.5	253.9	241.6	228.6
28.75°	360.0	353.1	345.0	336.1	326.2	315.3	303.4	290.6	277.5	264.6	251.1
27.5°	394.7	386.5	376.8	366.2	355.3	343.4	331.0	317.6	303.3	288.2	273.4
26.25°	425.1	418.0	409.6	400.0	387.2	373.0	359.0	344.4	329.4	313.7	297.1
25°	451.6	445.3	437.2	427.9	417.1	404.7	389.7	372.3	355.7	338.8	321.5
23.75°	475.7	469.3	461.7	452.9	442.9	431.0	417.7	402.6	384.0	364.4	345.6
22.5°	498.6	492.1	484.6	475.6	465.7	454.5	441.9	427.5	411.2	392.5	370.3
21.25°	521.8	514.6	506.3	497.2	487.2	475.8	463.4	449.9	434.3	417.0	397.7
20°	545.7	537.9	528.8	518.7	507.6	496.0	483.6	469.8	454.9	438.5	420.0
18.75°	568.4	560.2	551.2	540.8	528.7	515.9	502.5	488.7	473.6	457.5	439.8
17.5°	592.8	583.2	572.9	561.4	549.6	536.2	521.5	506.4	491.2	474.9	457.5
16.25°	618.6	608.0	596.1	582.9	569.4	555.4	540.7	524.4	507.8	491.2	473.6
15°	645.1	633.3	620.0	605.5	590.2	574.3	558.4	542.3	524.4	506.4	488.7
13.75°	671.5	658.8	644.4	628.4	611.5	593.9	576.0	558.4	540.7	521.5	502.5
12.5°	695.0	682.8	668.3	651.2	632.7	613.5	593.9	574.3	555.4	536.2	515.9
11.25°	713.9	703.0	689.7	673.1	653.5	632.7	611.5	590.2	569.4	549.6	528.7
10°	730.6	719.8	707.0	692.0	673.1	651.2	628.4	605.5	582.9	561.4	540.8
8.75°	745.6	734.5	721.8	707.0	689.7	668.3	644.4	620.0	596.1	572.9	551.2
7.5°	759.5	747.7	734.5	719.8	703.0	682.8	658.8	633.3	608.0	583.2	560.2
6.25°	771.1	759.5	745.6	730.6	713.9	695.0	671.5	645.1	618.6	592.8	568.4
5°	780.1	769.2	755.3	739.4	722.7	703.7	681.4	655.0	627.5	600.8	575.4
3.75°	785.2	776.0	762.6	746.5	729.5	710.8	689.1	662.9	634.8	607.3	580.9
2.5°	787.7	780.8	768.0	751.9	734.3	715.6	694.7	668.6	640.1	612.0	585.0
1.25°	788.2	783.0	771.0	755.2	737.2	718.5	697.6	672.1	643.3	614.9	587.6
0°	788.4	783.7	772.0	756.3	738.2	719.5	698.5	673.3	644.4	615.9	588.5
-1.25°	788.2	783.0	771.0	755.2	737.2	718.5	697.6	672.1	643.3	614.9	587.6
-2.5°	787.7	780.8	768.0	751.9	734.3	715.6	694.7	668.6	640.1	612.0	585.0
-3.75°	785.2	776.0	762.6	746.5	729.5	710.8	689.1	662.9	634.8	607.3	580.9
-5°	780.1	769.2	755.3	739.4	722.7	703.7	681.4	655.0	627.5	600.8	575.4
-6.25°	771.1	759.5	745.6	730.6	713.9	695.0	671.5	645.1	618.6	592.8	568.4
-7.5°	759.5	747.7	734.5	719.8	703.0	682.8	658.8	633.3	608.0	583.2	560.2
-8.75°	745.6	734.5	721.8	707.0	689.7	668.3	644.4	620.0	596.1	572.9	551.2
-10°	730.6	719.8	707.0	692.0	673.1	651.2	628.4	605.5	582.9	561.4	540.8
-11.25°	713.9	703.0	689.7	673.1	653.5	632.7	611.5	590.2	569.4	549.6	528.7
-12.5°	695.0	682.8	668.3	651.2	632.7	613.5	593.9	574.3	555.4	536.2	515.9
-13.75°	671.5	658.8	644.4	628.4	611.5	593.9	576.0	558.4	540.7	521.5	502.5
-15°	645.1	633.3	620.0	605.5	590.2	574.3	558.4	542.3	524.4	506.4	488.7
-16.25°	618.6	608.0	596.1	582.9	569.4	555.4	540.7	524.4	507.8	491.2	473.6
-17.5°	592.8	583.2	572.9	561.4	549.6	536.2	521.5	506.4	491.2	474.9	457.5
-18.75°	568.4	560.2	551.2	540.8	528.7	515.9	502.5	488.7	473.6	457.5	439.8
-20°	545.7	537.9	528.8	518.7	507.6	496.0	483.6	469.8	454.9	438.5	420.0
-21.25°	521.8	514.6	506.3	497.2	487.2	475.8	463.4	449.9	434.3	417.0	397.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	498.6	492.1	484.6	475.6	465.7	454.5	441.9	427.5	411.2	392.5	370.3
-23.75°	475.7	469.3	461.7	452.9	442.9	431.0	417.7	402.6	384.0	364.4	345.6
-25°	451.6	445.3	437.2	427.9	417.1	404.7	389.7	372.3	355.7	338.8	321.5
-26.25°	425.1	418.0	409.6	400.0	387.2	373.0	359.0	344.4	329.4	313.7	297.1
-27.5°	394.7	386.5	376.8	366.2	355.3	343.4	331.0	317.6	303.3	288.2	273.4
-28.75°	360.0	353.1	345.0	336.1	326.2	315.3	303.4	290.6	277.5	264.6	251.1
-30°	329.0	322.7	315.3	306.9	297.4	287.0	276.3	265.5	253.9	241.6	228.6
-31.25°	298.6	292.6	285.6	278.0	270.0	261.2	251.6	241.2	230.1	219.3	208.2
-32.5°	269.8	264.7	258.8	252.0	244.4	236.0	226.8	217.9	208.5	198.5	187.9
-33.75°	242.9	238.1	232.4	226.0	219.6	212.4	204.6	196.2	187.2	177.6	169.0
-35°	217.2	213.2	208.4	202.9	196.7	189.9	182.4	174.9	167.6	159.7	151.3
-36.25°	193.5	189.6	185.0	179.7	174.5	168.9	162.9	156.3	149.2	141.6	134.4
-37.5°	170.9	167.8	164.1	159.8	155.0	149.7	143.8	137.5	132.2	126.6	120.6
-38.75°	150.7	147.7	144.1	140.0	135.8	131.9	127.6	122.9	117.8	112.4	106.7
-40°	132.0	129.7	127.1	124.1	120.7	116.9	112.8	108.3	103.7	99.2	94.4
-41.25°	116.3	114.2	111.7	108.8	105.5	102.4	98.9	95.2	91.1	86.8	82.2
-42.5°	101.3	99.5	97.4	95.0	92.3	89.3	86.0	82.4	78.5	74.1	69.4
-43.75°	87.7	86.0	84.0	81.7	79.1	76.1	72.7	69.0	65.0	60.7	56.1
-45°	73.9	72.1	70.0	67.7	65.0	62.0	58.7	55.2	51.3	47.3	43.5
-46.25°	59.3	57.6	55.6	53.3	50.7	47.9	45.2	42.2	38.9	35.5	31.8
-47.5°	45.1	43.7	42.0	40.1	37.9	35.5	32.9	30.0	26.9	23.6	21.3
-48.75°	32.3	30.9	29.3	27.5	25.4	23.1	21.6	20.4	19.0	17.6	16.1
-50°	21.1	20.5	19.8	19.0	18.1	17.2	16.1	14.9	13.6	12.2	10.8
-51.25°	15.3	14.8	14.1	13.4	12.5	11.6	10.8	10.7	10.6	10.6	10.5
-52.5°	10.7	10.7	10.7	10.6	10.6	10.5	10.5	10.4	10.3	10.2	10.2
-53.75°	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.8
-55°	10.0	10.0	10.0	9.9	9.9	9.8	9.8	9.7	9.7	9.6	9.5
-56.25°	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3	9.3	9.2
-57.5°	9.3	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.9
-58.75°	9.0	9.0	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.5
-60°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1
-61.25°	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9	7.9
-62.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-63.75°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8
-65°	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.6	7.5
-66.25°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.3	7.2	7.2
-67.5°	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8
-68.75°	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.6	6.6	6.6	6.5
-70°	6.5	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.2	6.2
-71.25°	6.1	6.1	6.1	6.1	6.0	6.0	6.0	6.0	5.9	5.9	5.9
-72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-73.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-75°	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.6
-76.25°	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2
-77.5°	5.1	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0
-80°	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.4
-81.25°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
-82.5°	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8
-83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
-85°	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0
-86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1
85°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7
83.75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
82.5°	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6
81.25°	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9
80°	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.2
78.75°	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5
77.5°	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9
76.25°	5.2	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5
75°	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1
73.75°	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4
72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
71.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
70°	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.8
68.75°	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9
67.5°	6.8	6.8	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2
66.25°	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.5
65°	7.5	7.4	7.3	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7
63.75°	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0
62.5°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
61.25°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.6
60°	8.1	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
58.75°	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.9	7.9	7.9	7.9
57.5°	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.9
56.25°	9.1	9.0	8.9	8.9	8.8	8.7	8.5	8.4	8.3	8.2	8.0
55°	9.4	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.5	8.4
53.75°	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8	8.7
52.5°	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9
51.25°	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.4	9.2
50°	10.7	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.6	9.5
48.75°	14.4	12.7	10.9	10.7	10.6	10.5	10.3	10.2	10.0	9.9	9.8
47.5°	19.7	17.9	16.0	14.0	12.0	10.7	10.6	10.5	10.3	10.2	10.0
46.25°	27.9	23.7	21.0	19.0	16.9	14.7	12.4	10.7	10.6	10.4	10.3
45°	39.4	35.1	30.6	25.8	21.7	19.4	17.0	14.6	12.0	10.7	10.6
43.75°	51.3	46.4	41.7	36.8	31.7	26.3	21.7	19.1	16.5	13.8	11.0
42.5°	64.3	59.0	53.4	47.7	42.4	36.9	31.1	25.2	20.9	18.1	15.2
41.25°	77.3	71.8	66.0	60.0	53.7	47.3	41.3	35.2	28.9	22.4	19.4
40°	89.4	84.0	78.5	72.2	65.7	58.9	51.9	45.1	38.6	31.8	25.0
38.75°	101.3	95.8	90.0	83.9	77.6	70.6	63.3	55.8	48.1	41.2	34.1
37.5°	114.3	107.7	101.4	95.1	88.6	81.9	74.7	66.9	58.9	50.7	43.1
36.25°	127.9	121.0	113.8	106.3	99.5	92.5	85.3	77.8	69.6	61.2	52.5
35°	142.6	134.2	126.7	119.0	110.9	103.0	95.5	87.8	80.0	71.4	62.5



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	159.8	150.2	140.2	131.5	123.2	114.5	105.7	97.7	89.6	81.2	72.3
32.5°	176.9	167.0	156.6	145.8	135.2	126.3	117.1	107.7	99.0	90.4	81.7
31.25°	196.6	184.5	172.8	161.6	150.1	138.1	128.4	118.7	108.7	99.5	90.4
30°	216.3	203.7	190.6	177.2	165.2	152.9	140.2	129.5	119.2	108.7	99.0
28.75°	237.0	222.7	209.1	195.0	180.4	167.4	154.3	140.9	129.5	118.7	107.7
27.5°	258.6	243.3	227.3	212.7	197.6	182.2	168.1	154.3	140.2	128.4	117.1
26.25°	280.0	264.1	247.5	230.5	214.5	198.5	182.2	167.4	152.9	138.1	126.3
25°	303.5	284.8	267.3	249.7	231.5	214.5	197.6	180.4	165.2	150.1	135.2
23.75°	326.8	307.4	287.4	268.4	249.7	230.5	212.7	195.0	177.2	161.6	145.8
22.5°	349.9	329.5	308.7	287.4	267.3	247.5	227.3	209.1	190.6	172.8	156.6
21.25°	373.6	351.3	329.5	307.4	284.8	264.1	243.3	222.7	203.7	184.5	167.0
20°	399.3	373.6	349.9	326.8	303.5	280.0	258.6	237.0	216.3	196.6	176.9
18.75°	420.0	397.7	370.3	345.6	321.5	297.1	273.4	251.1	228.6	208.2	187.9
17.5°	438.5	417.0	392.5	364.4	338.8	313.7	288.2	264.6	241.6	219.3	198.5
16.25°	454.9	434.3	411.2	384.0	355.7	329.4	303.3	277.5	253.9	230.1	208.5
15°	469.8	449.9	427.5	402.6	372.3	344.4	317.6	290.6	265.5	241.2	217.9
13.75°	483.6	463.4	441.9	417.7	389.7	359.0	331.0	303.4	276.3	251.6	226.8
12.5°	496.0	475.8	454.5	431.0	404.7	373.0	343.4	315.3	287.0	261.2	236.0
11.25°	507.6	487.2	465.7	442.9	417.1	387.2	355.3	326.2	297.4	270.0	244.4
10°	518.7	497.2	475.6	452.9	427.9	400.0	366.2	336.1	306.9	278.0	252.0
8.75°	528.8	506.3	484.6	461.7	437.2	409.6	376.8	345.0	315.3	285.6	258.8
7.5°	537.9	514.6	492.1	469.3	445.3	418.0	386.5	353.1	322.7	292.6	264.7
6.25°	545.7	521.8	498.6	475.7	451.6	425.1	394.7	360.0	329.0	298.6	269.8
5°	551.8	527.9	504.0	481.0	456.8	430.6	401.2	365.7	334.2	303.6	273.9
3.75°	556.6	532.7	508.4	485.2	460.9	434.9	405.6	370.3	338.2	307.4	277.2
2.5°	560.1	536.2	511.6	488.1	463.8	437.9	408.8	374.0	341.2	310.2	279.5
1.25°	562.2	538.3	513.5	489.8	465.6	439.8	410.7	376.2	342.9	311.9	280.9
0°	562.9	539.1	514.2	490.4	466.2	440.4	411.4	376.9	343.5	312.5	281.4
-1.25°	562.2	538.3	513.5	489.8	465.6	439.8	410.7	376.2	342.9	311.9	280.9
-2.5°	560.1	536.2	511.6	488.1	463.8	437.9	408.8	374.0	341.2	310.2	279.5
-3.75°	556.6	532.7	508.4	485.2	460.9	434.9	405.6	370.3	338.2	307.4	277.2
-5°	551.8	527.9	504.0	481.0	456.8	430.6	401.2	365.7	334.2	303.6	273.9
-6.25°	545.7	521.8	498.6	475.7	451.6	425.1	394.7	360.0	329.0	298.6	269.8
-7.5°	537.9	514.6	492.1	469.3	445.3	418.0	386.5	353.1	322.7	292.6	264.7
-8.75°	528.8	506.3	484.6	461.7	437.2	409.6	376.8	345.0	315.3	285.6	258.8
-10°	518.7	497.2	475.6	452.9	427.9	400.0	366.2	336.1	306.9	278.0	252.0
-11.25°	507.6	487.2	465.7	442.9	417.1	387.2	355.3	326.2	297.4	270.0	244.4
-12.5°	496.0	475.8	454.5	431.0	404.7	373.0	343.4	315.3	287.0	261.2	236.0
-13.75°	483.6	463.4	441.9	417.7	389.7	359.0	331.0	303.4	276.3	251.6	226.8
-15°	469.8	449.9	427.5	402.6	372.3	344.4	317.6	290.6	265.5	241.2	217.9
-16.25°	454.9	434.3	411.2	384.0	355.7	329.4	303.3	277.5	253.9	230.1	208.5
-17.5°	438.5	417.0	392.5	364.4	338.8	313.7	288.2	264.6	241.6	219.3	198.5
-18.75°	420.0	397.7	370.3	345.6	321.5	297.1	273.4	251.1	228.6	208.2	187.9
-20°	399.3	373.6	349.9	326.8	303.5	280.0	258.6	237.0	216.3	196.6	176.9
-21.25°	373.6	351.3	329.5	307.4	284.8	264.1	243.3	222.7	203.7	184.5	167.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	349.9	329.5	308.7	287.4	267.3	247.5	227.3	209.1	190.6	172.8	156.6
-23.75°	326.8	307.4	287.4	268.4	249.7	230.5	212.7	195.0	177.2	161.6	145.8
-25°	303.5	284.8	267.3	249.7	231.5	214.5	197.6	180.4	165.2	150.1	135.2
-26.25°	280.0	264.1	247.5	230.5	214.5	198.5	182.2	167.4	152.9	138.1	126.3
-27.5°	258.6	243.3	227.3	212.7	197.6	182.2	168.1	154.3	140.2	128.4	117.1
-28.75°	237.0	222.7	209.1	195.0	180.4	167.4	154.3	140.9	129.5	118.7	107.7
-30°	216.3	203.7	190.6	177.2	165.2	152.9	140.2	129.5	119.2	108.7	99.0
-31.25°	196.6	184.5	172.8	161.6	150.1	138.1	128.4	118.7	108.7	99.5	90.4
-32.5°	176.9	167.0	156.6	145.8	135.2	126.3	117.1	107.7	99.0	90.4	81.7
-33.75°	159.8	150.2	140.2	131.5	123.2	114.5	105.7	97.7	89.6	81.2	72.3
-35°	142.6	134.2	126.7	119.0	110.9	103.0	95.5	87.8	80.0	71.4	62.5
-36.25°	127.9	121.0	113.8	106.3	99.5	92.5	85.3	77.8	69.6	61.2	52.5
-37.5°	114.3	107.7	101.4	95.1	88.6	81.9	74.7	66.9	58.9	50.7	43.1
-38.75°	101.3	95.8	90.0	83.9	77.6	70.6	63.3	55.8	48.1	41.2	34.1
-40°	89.4	84.0	78.5	72.2	65.7	58.9	51.9	45.1	38.6	31.8	25.0
-41.25°	77.3	71.8	66.0	60.0	53.7	47.3	41.3	35.2	28.9	22.4	19.4
-42.5°	64.3	59.0	53.4	47.7	42.4	36.9	31.1	25.2	20.9	18.1	15.2
-43.75°	51.3	46.4	41.7	36.8	31.7	26.3	21.7	19.1	16.5	13.8	11.0
-45°	39.4	35.1	30.6	25.8	21.7	19.4	17.0	14.6	12.0	10.7	10.6
-46.25°	27.9	23.7	21.0	19.0	16.9	14.7	12.4	10.7	10.6	10.4	10.3
-47.5°	19.7	17.9	16.0	14.0	12.0	10.7	10.6	10.5	10.3	10.2	10.0
-48.75°	14.4	12.7	10.9	10.7	10.6	10.5	10.3	10.2	10.0	9.9	9.8
-50°	10.7	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.8	9.6	9.5
-51.25°	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.4	9.2
-52.5°	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9
-53.75°	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8	8.7
-55°	9.4	9.3	9.3	9.2	9.1	9.0	8.9	8.8	8.6	8.5	8.4
-56.25°	9.1	9.0	8.9	8.9	8.8	8.7	8.5	8.4	8.3	8.2	8.0
-57.5°	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.9
-58.75°	8.4	8.4	8.3	8.2	8.1	8.0	7.9	7.9	7.9	7.9	7.9
-60°	8.1	8.0	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-61.25°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.6
-62.5°	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.5	7.4	7.3
-63.75°	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0
-65°	7.5	7.4	7.3	7.3	7.2	7.1	7.1	7.0	6.9	6.8	6.7
-66.25°	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.5
-67.5°	6.8	6.8	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.2	6.2
-68.75°	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9
-70°	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.8
-71.25°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-72.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
-73.75°	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4
-75°	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1
-76.25°	5.2	5.2	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5
-77.5°	4.6	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	3.9	3.9	3.8	3.8	3.7	3.6	3.6	3.6	3.5	3.5	3.5
-80°	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.2
-81.25°	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9
-82.5°	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6
-83.75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3
-85°	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7
-86.25°	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
87.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
86.25°	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3
83.75°	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8
82.5°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3
81.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5
80°	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7
78.75°	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0
77.5°	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2
76.25°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4
75°	5.1	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8
73.75°	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.4	4.3
72.5°	5.7	5.6	5.5	5.5	5.4	5.3	5.3	5.2	5.1	5.0	4.8
71.25°	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.2
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5	5.4
68.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
67.5°	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
66.25°	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8
65°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.8
63.75°	6.9	6.8	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.0	5.9
62.5°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.2	6.1
61.25°	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.3
60°	7.8	7.7	7.6	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6
58.75°	7.9	7.9	7.8	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8
57.5°	7.9	7.9	7.9	7.9	7.8	7.7	7.6	7.4	7.3	7.2	7.0
56.25°	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.5	7.4	7.2
55°	8.2	8.1	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.6	7.4
53.75°	8.5	8.4	8.2	8.1	7.9	7.9	7.9	7.9	7.9	7.8	7.7
52.5°	8.8	8.7	8.5	8.3	8.2	8.0	7.9	7.9	7.9	7.9	7.9
51.25°	9.1	8.9	8.8	8.6	8.5	8.3	8.1	7.9	7.9	7.9	7.9
50°	9.3	9.2	9.0	8.9	8.7	8.5	8.3	8.2	8.0	7.9	7.9
48.75°	9.6	9.5	9.3	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.9
47.5°	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.7	8.4	8.2	8.0
46.25°	10.1	10.0	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.2
45°	10.4	10.2	10.0	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5
43.75°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
42.5°	12.2	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9
41.25°	16.3	13.2	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3	9.1
40°	20.4	17.1	13.8	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3
38.75°	26.8	21.0	17.6	14.2	10.8	10.6	10.4	10.1	9.9	9.7	9.4
37.5°	35.6	27.9	21.4	17.8	14.2	10.8	10.6	10.3	10.1	9.9	9.6
36.25°	44.2	36.3	28.3	21.4	17.6	13.8	10.8	10.5	10.3	10.0	9.8
35°	53.4	44.6	36.3	27.9	21.0	17.1	13.2	10.7	10.5	10.2	10.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	62.9	53.4	44.2	35.6	26.8	20.4	16.3	12.2	10.6	10.4	10.1
32.5°	72.3	62.5	52.5	43.1	34.1	25.0	19.4	15.2	11.0	10.6	10.3
31.25°	81.2	71.4	61.2	50.7	41.2	31.8	22.4	18.1	13.8	10.7	10.4
30°	89.6	80.0	69.6	58.9	48.1	38.6	28.9	20.9	16.5	12.0	10.6
28.75°	97.7	87.8	77.8	66.9	55.8	45.1	35.2	25.2	19.1	14.6	10.7
27.5°	105.7	95.5	85.3	74.7	63.3	51.9	41.3	31.1	21.7	17.0	12.4
26.25°	114.5	103.0	92.5	81.9	70.6	58.9	47.3	36.9	26.3	19.4	14.7
25°	123.2	110.9	99.5	88.6	77.6	65.7	53.7	42.4	31.7	21.7	16.9
23.75°	131.5	119.0	106.3	95.1	83.9	72.2	60.0	47.7	36.8	25.8	19.0
22.5°	140.2	126.7	113.8	101.4	90.0	78.5	66.0	53.4	41.7	30.6	21.0
21.25°	150.2	134.2	121.0	107.7	95.8	84.0	71.8	59.0	46.4	35.1	23.7
20°	159.8	142.6	127.9	114.3	101.3	89.4	77.3	64.3	51.3	39.4	27.9
18.75°	169.0	151.3	134.4	120.6	106.7	94.4	82.2	69.4	56.1	43.5	31.8
17.5°	177.6	159.7	141.6	126.6	112.4	99.2	86.8	74.1	60.7	47.3	35.5
16.25°	187.2	167.6	149.2	132.2	117.8	103.7	91.1	78.5	65.0	51.3	38.9
15°	196.2	174.9	156.3	137.5	122.9	108.3	95.2	82.4	69.0	55.2	42.2
13.75°	204.6	182.4	162.9	143.8	127.6	112.8	98.9	86.0	72.7	58.7	45.2
12.5°	212.4	189.9	168.9	149.7	131.9	116.9	102.4	89.3	76.1	62.0	47.9
11.25°	219.6	196.7	174.5	155.0	135.8	120.7	105.5	92.3	79.1	65.0	50.7
10°	226.0	202.9	179.7	159.8	140.0	124.1	108.8	95.0	81.7	67.7	53.3
8.75°	232.4	208.4	185.0	164.1	144.1	127.1	111.7	97.4	84.0	70.0	55.6
7.5°	238.1	213.2	189.6	167.8	147.7	129.7	114.2	99.5	86.0	72.1	57.6
6.25°	242.9	217.2	193.5	170.9	150.7	132.0	116.3	101.3	87.7	73.9	59.3
5°	246.9	220.6	196.7	173.5	153.2	133.8	118.1	102.8	89.1	75.3	60.6
3.75°	250.0	223.2	199.2	175.6	155.1	135.2	119.5	103.9	90.2	76.4	61.7
2.5°	252.2	225.1	201.0	177.0	156.5	136.3	120.5	104.7	91.0	77.3	62.5
1.25°	253.6	226.2	202.0	177.9	157.4	136.9	121.1	105.2	91.5	77.7	62.9
0°	254.0	226.6	202.4	178.2	157.7	137.1	121.3	105.4	91.7	77.9	63.1
-1.25°	253.6	226.2	202.0	177.9	157.4	136.9	121.1	105.2	91.5	77.7	62.9
-2.5°	252.2	225.1	201.0	177.0	156.5	136.3	120.5	104.7	91.0	77.3	62.5
-3.75°	250.0	223.2	199.2	175.6	155.1	135.2	119.5	103.9	90.2	76.4	61.7
-5°	246.9	220.6	196.7	173.5	153.2	133.8	118.1	102.8	89.1	75.3	60.6
-6.25°	242.9	217.2	193.5	170.9	150.7	132.0	116.3	101.3	87.7	73.9	59.3
-7.5°	238.1	213.2	189.6	167.8	147.7	129.7	114.2	99.5	86.0	72.1	57.6
-8.75°	232.4	208.4	185.0	164.1	144.1	127.1	111.7	97.4	84.0	70.0	55.6
-10°	226.0	202.9	179.7	159.8	140.0	124.1	108.8	95.0	81.7	67.7	53.3
-11.25°	219.6	196.7	174.5	155.0	135.8	120.7	105.5	92.3	79.1	65.0	50.7
-12.5°	212.4	189.9	168.9	149.7	131.9	116.9	102.4	89.3	76.1	62.0	47.9
-13.75°	204.6	182.4	162.9	143.8	127.6	112.8	98.9	86.0	72.7	58.7	45.2
-15°	196.2	174.9	156.3	137.5	122.9	108.3	95.2	82.4	69.0	55.2	42.2
-16.25°	187.2	167.6	149.2	132.2	117.8	103.7	91.1	78.5	65.0	51.3	38.9
-17.5°	177.6	159.7	141.6	126.6	112.4	99.2	86.8	74.1	60.7	47.3	35.5
-18.75°	169.0	151.3	134.4	120.6	106.7	94.4	82.2	69.4	56.1	43.5	31.8
-20°	159.8	142.6	127.9	114.3	101.3	89.4	77.3	64.3	51.3	39.4	27.9
-21.25°	150.2	134.2	121.0	107.7	95.8	84.0	71.8	59.0	46.4	35.1	23.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	140.2	126.7	113.8	101.4	90.0	78.5	66.0	53.4	41.7	30.6	21.0
-23.75°	131.5	119.0	106.3	95.1	83.9	72.2	60.0	47.7	36.8	25.8	19.0
-25°	123.2	110.9	99.5	88.6	77.6	65.7	53.7	42.4	31.7	21.7	16.9
-26.25°	114.5	103.0	92.5	81.9	70.6	58.9	47.3	36.9	26.3	19.4	14.7
-27.5°	105.7	95.5	85.3	74.7	63.3	51.9	41.3	31.1	21.7	17.0	12.4
-28.75°	97.7	87.8	77.8	66.9	55.8	45.1	35.2	25.2	19.1	14.6	10.7
-30°	89.6	80.0	69.6	58.9	48.1	38.6	28.9	20.9	16.5	12.0	10.6
-31.25°	81.2	71.4	61.2	50.7	41.2	31.8	22.4	18.1	13.8	10.7	10.4
-32.5°	72.3	62.5	52.5	43.1	34.1	25.0	19.4	15.2	11.0	10.6	10.3
-33.75°	62.9	53.4	44.2	35.6	26.8	20.4	16.3	12.2	10.6	10.4	10.1
-35°	53.4	44.6	36.3	27.9	21.0	17.1	13.2	10.7	10.5	10.2	10.0
-36.25°	44.2	36.3	28.3	21.4	17.6	13.8	10.8	10.5	10.3	10.0	9.8
-37.5°	35.6	27.9	21.4	17.8	14.2	10.8	10.6	10.3	10.1	9.9	9.6
-38.75°	26.8	21.0	17.6	14.2	10.8	10.6	10.4	10.1	9.9	9.7	9.4
-40°	20.4	17.1	13.8	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3
-41.25°	16.3	13.2	10.8	10.6	10.4	10.1	9.9	9.7	9.5	9.3	9.1
-42.5°	12.2	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9
-43.75°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
-45°	10.4	10.2	10.0	9.9	9.7	9.5	9.3	9.1	8.9	8.7	8.5
-46.25°	10.1	10.0	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.2
-47.5°	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.7	8.4	8.2	8.0
-48.75°	9.6	9.5	9.3	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.9
-50°	9.3	9.2	9.0	8.9	8.7	8.5	8.3	8.2	8.0	7.9	7.9
-51.25°	9.1	8.9	8.8	8.6	8.5	8.3	8.1	7.9	7.9	7.9	7.9
-52.5°	8.8	8.7	8.5	8.3	8.2	8.0	7.9	7.9	7.9	7.9	7.9
-53.75°	8.5	8.4	8.2	8.1	7.9	7.9	7.9	7.9	7.9	7.8	7.7
-55°	8.2	8.1	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.6	7.4
-56.25°	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.5	7.4	7.2
-57.5°	7.9	7.9	7.9	7.9	7.8	7.7	7.6	7.4	7.3	7.2	7.0
-58.75°	7.9	7.9	7.8	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8
-60°	7.8	7.7	7.6	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6
-61.25°	7.5	7.4	7.3	7.2	7.1	7.0	6.8	6.7	6.6	6.5	6.3
-62.5°	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.2	6.1
-63.75°	6.9	6.8	6.8	6.7	6.5	6.4	6.3	6.2	6.1	6.0	5.9
-65°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.8
-66.25°	6.4	6.3	6.2	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8
-67.5°	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-68.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7
-70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.5	5.4
-71.25°	5.8	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.2
-72.5°	5.7	5.6	5.5	5.5	5.4	5.3	5.3	5.2	5.1	5.0	4.8
-73.75°	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.4	4.3
-75°	5.1	4.9	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8
-76.25°	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4
-77.5°	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.2



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.0
-80°	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7
-81.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.5
-82.5°	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3
-83.75°	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8
-85°	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3
-86.25°	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
-87.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
86.25°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5
85°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
83.75°	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1
82.5°	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4
81.25°	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.0	1.9	1.8
80°	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2
78.75°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4
77.5°	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
76.25°	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7
75°	3.6	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9
73.75°	4.1	4.0	3.8	3.7	3.5	3.5	3.4	3.3	3.2	3.1	3.1
72.5°	4.6	4.5	4.3	4.1	3.9	3.7	3.6	3.5	3.4	3.3	3.2
71.25°	5.1	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.5	3.4
70°	5.3	5.2	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.6
68.75°	5.6	5.5	5.4	5.3	5.2	5.0	4.8	4.6	4.3	4.1	3.9
67.5°	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.0	4.7	4.5	4.2
66.25°	5.8	5.8	5.8	5.7	5.6	5.5	5.3	5.2	5.1	4.8	4.6
65°	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.3	5.1	4.9
63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.4	5.3	5.2
62.5°	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.3
61.25°	6.2	6.1	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5
60°	6.4	6.3	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.7
58.75°	6.6	6.5	6.4	6.2	6.1	5.9	5.8	5.8	5.8	5.8	5.8
57.5°	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.8	5.8	5.8	5.8
56.25°	7.1	6.9	6.8	6.6	6.4	6.3	6.1	5.9	5.8	5.8	5.8
55°	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.8	5.8
53.75°	7.5	7.3	7.2	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.8
52.5°	7.7	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9
51.25°	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0
50°	7.9	7.9	7.7	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.1
48.75°	7.9	7.9	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3
47.5°	7.9	7.9	7.9	7.9	7.7	7.5	7.3	7.1	6.9	6.6	6.4
46.25°	8.0	7.9	7.9	7.9	7.9	7.7	7.4	7.2	7.0	6.8	6.6
45°	8.2	8.0	7.9	7.9	7.9	7.8	7.6	7.4	7.2	6.9	6.7
43.75°	8.4	8.2	8.0	7.9	7.9	7.9	7.8	7.5	7.3	7.1	6.8
42.5°	8.7	8.4	8.2	7.9	7.9	7.9	7.9	7.7	7.4	7.2	7.0
41.25°	8.8	8.6	8.3	8.1	7.9	7.9	7.9	7.8	7.6	7.3	7.1
40°	9.0	8.8	8.5	8.3	8.0	7.9	7.9	7.9	7.7	7.5	7.2
38.75°	9.2	9.0	8.7	8.5	8.2	7.9	7.9	7.9	7.8	7.6	7.3
37.5°	9.4	9.1	8.9	8.6	8.3	8.1	7.9	7.9	7.9	7.7	7.4
36.25°	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.9	7.9	7.8	7.6
35°	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.9	7.9	7.9	7.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.9	7.9	7.8
32.5°	10.0	9.8	9.5	9.2	8.9	8.7	8.4	8.0	7.9	7.9	7.9
31.25°	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.9	7.9
30°	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.9	7.9
28.75°	10.5	10.2	9.9	9.6	9.3	9.0	8.8	8.4	8.1	7.9	7.9
27.5°	10.6	10.3	10.0	9.7	9.5	9.2	8.9	8.5	8.2	7.9	7.9
26.25°	10.7	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	8.0	7.9
25°	12.0	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	8.1	7.9
23.75°	14.0	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.2	7.9
22.5°	16.0	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3	7.9
21.25°	17.9	12.7	10.6	10.3	10.0	9.7	9.3	9.0	8.7	8.4	8.0
20°	19.7	14.4	10.7	10.4	10.1	9.8	9.4	9.1	8.8	8.4	8.1
18.75°	21.3	16.1	10.8	10.5	10.2	9.8	9.5	9.2	8.9	8.5	8.1
17.5°	23.6	17.6	12.2	10.6	10.2	9.9	9.6	9.3	8.9	8.6	8.2
16.25°	26.9	19.0	13.6	10.6	10.3	10.0	9.7	9.3	9.0	8.7	8.3
15°	30.0	20.4	14.9	10.7	10.4	10.1	9.7	9.4	9.1	8.7	8.3
13.75°	32.9	21.6	16.1	10.8	10.5	10.1	9.8	9.4	9.1	8.8	8.4
12.5°	35.5	23.1	17.2	11.6	10.5	10.2	9.8	9.5	9.2	8.8	8.5
11.25°	37.9	25.4	18.1	12.5	10.6	10.2	9.9	9.5	9.2	8.9	8.5
10°	40.1	27.5	19.0	13.4	10.6	10.3	9.9	9.6	9.2	8.9	8.5
8.75°	42.0	29.3	19.8	14.1	10.7	10.3	10.0	9.6	9.3	8.9	8.6
7.5°	43.7	30.9	20.5	14.8	10.7	10.3	10.0	9.7	9.3	9.0	8.6
6.25°	45.1	32.3	21.1	15.3	10.7	10.4	10.0	9.7	9.3	9.0	8.6
5°	46.2	33.4	21.6	15.8	10.8	10.4	10.1	9.7	9.4	9.0	8.7
3.75°	47.1	34.2	21.9	16.1	10.8	10.4	10.1	9.7	9.4	9.0	8.7
2.5°	47.8	34.9	22.2	16.4	10.8	10.4	10.1	9.7	9.4	9.0	8.7
1.25°	48.2	35.2	22.3	16.5	10.8	10.4	10.1	9.7	9.4	9.0	8.7
0°	48.3	35.4	22.4	16.6	10.8	10.5	10.1	9.8	9.4	9.1	8.7
-1.25°	48.2	35.2	22.3	16.5	10.8	10.4	10.1	9.7	9.4	9.0	8.7
-2.5°	47.8	34.9	22.2	16.4	10.8	10.4	10.1	9.7	9.4	9.0	8.7
-3.75°	47.1	34.2	21.9	16.1	10.8	10.4	10.1	9.7	9.4	9.0	8.7
-5°	46.2	33.4	21.6	15.8	10.8	10.4	10.1	9.7	9.4	9.0	8.7
-6.25°	45.1	32.3	21.1	15.3	10.7	10.4	10.0	9.7	9.3	9.0	8.6
-7.5°	43.7	30.9	20.5	14.8	10.7	10.3	10.0	9.7	9.3	9.0	8.6
-8.75°	42.0	29.3	19.8	14.1	10.7	10.3	10.0	9.6	9.3	8.9	8.6
-10°	40.1	27.5	19.0	13.4	10.6	10.3	9.9	9.6	9.2	8.9	8.5
-11.25°	37.9	25.4	18.1	12.5	10.6	10.2	9.9	9.5	9.2	8.9	8.5
-12.5°	35.5	23.1	17.2	11.6	10.5	10.2	9.8	9.5	9.2	8.8	8.5
-13.75°	32.9	21.6	16.1	10.8	10.5	10.1	9.8	9.4	9.1	8.8	8.4
-15°	30.0	20.4	14.9	10.7	10.4	10.1	9.7	9.4	9.1	8.7	8.3
-16.25°	26.9	19.0	13.6	10.6	10.3	10.0	9.7	9.3	9.0	8.7	8.3
-17.5°	23.6	17.6	12.2	10.6	10.2	9.9	9.6	9.3	8.9	8.6	8.2
-18.75°	21.3	16.1	10.8	10.5	10.2	9.8	9.5	9.2	8.9	8.5	8.1
-20°	19.7	14.4	10.7	10.4	10.1	9.8	9.4	9.1	8.8	8.4	8.1
-21.25°	17.9	12.7	10.6	10.3	10.0	9.7	9.3	9.0	8.7	8.4	8.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	16.0	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3	7.9
-23.75°	14.0	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.2	7.9
-25°	12.0	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	8.1	7.9
-26.25°	10.7	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	8.0	7.9
-27.5°	10.6	10.3	10.0	9.7	9.5	9.2	8.9	8.5	8.2	7.9	7.9
-28.75°	10.5	10.2	9.9	9.6	9.3	9.0	8.8	8.4	8.1	7.9	7.9
-30°	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.9	7.9
-31.25°	10.2	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.9	7.9
-32.5°	10.0	9.8	9.5	9.2	8.9	8.7	8.4	8.0	7.9	7.9	7.9
-33.75°	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.9	7.9	7.8
-35°	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.9	7.9	7.9	7.7
-36.25°	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.9	7.9	7.8	7.6
-37.5°	9.4	9.1	8.9	8.6	8.3	8.1	7.9	7.9	7.9	7.7	7.4
-38.75°	9.2	9.0	8.7	8.5	8.2	7.9	7.9	7.9	7.8	7.6	7.3
-40°	9.0	8.8	8.5	8.3	8.0	7.9	7.9	7.9	7.7	7.5	7.2
-41.25°	8.8	8.6	8.3	8.1	7.9	7.9	7.9	7.8	7.6	7.3	7.1
-42.5°	8.7	8.4	8.2	7.9	7.9	7.9	7.9	7.7	7.4	7.2	7.0
-43.75°	8.4	8.2	8.0	7.9	7.9	7.9	7.8	7.5	7.3	7.1	6.8
-45°	8.2	8.0	7.9	7.9	7.9	7.8	7.6	7.4	7.2	6.9	6.7
-46.25°	8.0	7.9	7.9	7.9	7.9	7.7	7.4	7.2	7.0	6.8	6.6
-47.5°	7.9	7.9	7.9	7.9	7.7	7.5	7.3	7.1	6.9	6.6	6.4
-48.75°	7.9	7.9	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3
-50°	7.9	7.9	7.7	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.1
-51.25°	7.9	7.7	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0
-52.5°	7.7	7.5	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9
-53.75°	7.5	7.3	7.2	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.8
-55°	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.8	5.8
-56.25°	7.1	6.9	6.8	6.6	6.4	6.3	6.1	5.9	5.8	5.8	5.8
-57.5°	6.9	6.7	6.6	6.4	6.2	6.1	5.9	5.8	5.8	5.8	5.8
-58.75°	6.6	6.5	6.4	6.2	6.1	5.9	5.8	5.8	5.8	5.8	5.8
-60°	6.4	6.3	6.1	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.7
-61.25°	6.2	6.1	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5
-62.5°	6.0	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.6	5.5	5.3
-63.75°	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.4	5.3	5.2
-65°	5.8	5.8	5.8	5.8	5.8	5.7	5.5	5.4	5.3	5.1	4.9
-66.25°	5.8	5.8	5.8	5.7	5.6	5.5	5.3	5.2	5.1	4.8	4.6
-67.5°	5.8	5.7	5.6	5.5	5.4	5.3	5.2	5.0	4.7	4.5	4.2
-68.75°	5.6	5.5	5.4	5.3	5.2	5.0	4.8	4.6	4.3	4.1	3.9
-70°	5.3	5.2	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.7	3.6
-71.25°	5.1	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.5	3.4
-72.5°	4.6	4.5	4.3	4.1	3.9	3.7	3.6	3.5	3.4	3.3	3.2
-73.75°	4.1	4.0	3.8	3.7	3.5	3.5	3.4	3.3	3.2	3.1	3.1
-75°	3.6	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9
-76.25°	3.4	3.3	3.3	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7
-77.5°	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4
-80°	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.2	2.2
-81.25°	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.0	1.9	1.8
-82.5°	2.2	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4
-83.75°	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1
-85°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-86.25°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
86.25°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
83.75°	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5
82.5°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
81.25°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
80°	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9
78.75°	2.3	2.2	2.2	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1
77.5°	2.5	2.4	2.3	2.3	2.2	2.1	1.9	1.7	1.6	1.4	1.3
76.25°	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.0	1.8	1.7	1.5
75°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	1.9	1.7
73.75°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	1.9
72.5°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.1
71.25°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2
70°	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3
68.75°	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.4
67.5°	4.0	3.7	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5
66.25°	4.3	4.0	3.8	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.6
65°	4.6	4.4	4.1	3.8	3.5	3.4	3.3	3.1	3.0	2.8	2.7
63.75°	5.0	4.7	4.4	4.1	3.8	3.5	3.4	3.2	3.1	2.9	2.8
62.5°	5.2	5.0	4.7	4.4	4.0	3.7	3.5	3.3	3.2	3.0	2.9
61.25°	5.3	5.2	5.0	4.6	4.3	4.0	3.6	3.5	3.3	3.1	3.0
60°	5.5	5.3	5.2	4.9	4.6	4.2	3.9	3.6	3.4	3.2	3.1
58.75°	5.6	5.5	5.3	5.1	4.8	4.5	4.1	3.7	3.5	3.3	3.1
57.5°	5.8	5.6	5.4	5.3	5.1	4.7	4.3	4.0	3.6	3.4	3.2
56.25°	5.8	5.8	5.6	5.4	5.2	5.0	4.6	4.2	3.8	3.5	3.3
55°	5.8	5.8	5.7	5.5	5.3	5.2	4.8	4.4	4.0	3.6	3.4
53.75°	5.8	5.8	5.8	5.7	5.5	5.3	5.0	4.6	4.2	3.7	3.5
52.5°	5.8	5.8	5.8	5.8	5.6	5.4	5.2	4.8	4.4	3.9	3.5
51.25°	5.8	5.8	5.8	5.8	5.7	5.5	5.3	5.0	4.6	4.1	3.7
50°	5.9	5.8	5.8	5.8	5.8	5.6	5.4	5.2	4.8	4.3	3.8
48.75°	6.1	5.9	5.8	5.8	5.8	5.7	5.5	5.2	4.9	4.5	4.0
47.5°	6.2	6.0	5.8	5.8	5.8	5.8	5.6	5.3	5.1	4.6	4.1
46.25°	6.3	6.1	5.9	5.8	5.8	5.8	5.7	5.4	5.2	4.8	4.3
45°	6.5	6.2	6.0	5.8	5.8	5.8	5.8	5.5	5.3	5.0	4.4
43.75°	6.6	6.4	6.1	5.9	5.8	5.8	5.8	5.6	5.4	5.1	4.6
42.5°	6.7	6.5	6.2	6.0	5.8	5.8	5.8	5.7	5.4	5.2	4.7
41.25°	6.8	6.6	6.3	6.1	5.8	5.8	5.8	5.8	5.5	5.3	4.9
40°	7.0	6.7	6.4	6.2	5.9	5.8	5.8	5.8	5.6	5.3	5.0
38.75°	7.1	6.8	6.5	6.3	6.0	5.8	5.8	5.8	5.7	5.4	5.1
37.5°	7.2	6.9	6.7	6.4	6.1	5.8	5.8	5.8	5.7	5.5	5.2
36.25°	7.3	7.0	6.8	6.5	6.2	5.9	5.8	5.8	5.8	5.5	5.3
35°	7.4	7.1	6.8	6.6	6.3	6.0	5.8	5.8	5.8	5.6	5.3



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.8	5.8	5.7	5.4
32.5°	7.6	7.3	7.0	6.7	6.5	6.2	5.9	5.8	5.8	5.7	5.4
31.25°	7.7	7.4	7.1	6.8	6.5	6.2	6.0	5.8	5.8	5.8	5.5
30°	7.8	7.5	7.2	6.9	6.6	6.3	6.0	5.8	5.8	5.8	5.5
28.75°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.8	5.8	5.6
27.5°	7.9	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.8	5.8	5.6
26.25°	7.9	7.8	7.4	7.1	6.8	6.5	6.2	5.9	5.8	5.8	5.7
25°	7.9	7.8	7.5	7.2	6.9	6.6	6.3	6.0	5.8	5.8	5.7
23.75°	7.9	7.9	7.6	7.3	7.0	6.6	6.3	6.0	5.8	5.8	5.8
22.5°	7.9	7.9	7.7	7.3	7.0	6.7	6.4	6.1	5.8	5.8	5.8
21.25°	7.9	7.9	7.7	7.4	7.1	6.8	6.4	6.1	5.8	5.8	5.8
20°	7.9	7.9	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.8	5.8
18.75°	7.9	7.9	7.8	7.5	7.2	6.8	6.5	6.2	5.9	5.8	5.8
17.5°	7.9	7.9	7.9	7.6	7.2	6.9	6.6	6.2	5.9	5.8	5.8
16.25°	7.9	7.9	7.9	7.6	7.3	6.9	6.6	6.3	5.9	5.8	5.8
15°	8.0	7.9	7.9	7.6	7.3	7.0	6.6	6.3	6.0	5.8	5.8
13.75°	8.0	7.9	7.9	7.7	7.3	7.0	6.7	6.3	6.0	5.8	5.8
12.5°	8.1	7.9	7.9	7.7	7.4	7.0	6.7	6.4	6.0	5.8	5.8
11.25°	8.1	7.9	7.9	7.8	7.4	7.1	6.7	6.4	6.0	5.8	5.8
10°	8.1	7.9	7.9	7.8	7.4	7.1	6.8	6.4	6.1	5.8	5.8
8.75°	8.2	7.9	7.9	7.8	7.5	7.1	6.8	6.4	6.1	5.8	5.8
7.5°	8.2	7.9	7.9	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.8
6.25°	8.2	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
5°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
3.75°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
2.5°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
1.25°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
0°	8.3	7.9	7.9	7.9	7.6	7.2	6.9	6.5	6.2	5.8	5.8
-1.25°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
-2.5°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
-3.75°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
-5°	8.3	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
-6.25°	8.2	7.9	7.9	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.8
-7.5°	8.2	7.9	7.9	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.8
-8.75°	8.2	7.9	7.9	7.8	7.5	7.1	6.8	6.4	6.1	5.8	5.8
-10°	8.1	7.9	7.9	7.8	7.4	7.1	6.8	6.4	6.1	5.8	5.8
-11.25°	8.1	7.9	7.9	7.8	7.4	7.1	6.7	6.4	6.0	5.8	5.8
-12.5°	8.1	7.9	7.9	7.7	7.4	7.0	6.7	6.4	6.0	5.8	5.8
-13.75°	8.0	7.9	7.9	7.7	7.3	7.0	6.7	6.3	6.0	5.8	5.8
-15°	8.0	7.9	7.9	7.6	7.3	7.0	6.6	6.3	6.0	5.8	5.8
-16.25°	7.9	7.9	7.9	7.6	7.3	6.9	6.6	6.3	5.9	5.8	5.8
-17.5°	7.9	7.9	7.9	7.6	7.2	6.9	6.6	6.2	5.9	5.8	5.8
-18.75°	7.9	7.9	7.8	7.5	7.2	6.8	6.5	6.2	5.9	5.8	5.8
-20°	7.9	7.9	7.8	7.5	7.1	6.8	6.5	6.1	5.8	5.8	5.8
-21.25°	7.9	7.9	7.7	7.4	7.1	6.8	6.4	6.1	5.8	5.8	5.8



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	7.9	7.9	7.7	7.3	7.0	6.7	6.4	6.1	5.8	5.8	5.8
-23.75°	7.9	7.9	7.6	7.3	7.0	6.6	6.3	6.0	5.8	5.8	5.8
-25°	7.9	7.8	7.5	7.2	6.9	6.6	6.3	6.0	5.8	5.8	5.7
-26.25°	7.9	7.8	7.4	7.1	6.8	6.5	6.2	5.9	5.8	5.8	5.7
-27.5°	7.9	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.8	5.8	5.6
-28.75°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.8	5.8	5.6
-30°	7.8	7.5	7.2	6.9	6.6	6.3	6.0	5.8	5.8	5.8	5.5
-31.25°	7.7	7.4	7.1	6.8	6.5	6.2	6.0	5.8	5.8	5.8	5.5
-32.5°	7.6	7.3	7.0	6.7	6.5	6.2	5.9	5.8	5.8	5.7	5.4
-33.75°	7.5	7.2	6.9	6.7	6.4	6.1	5.8	5.8	5.8	5.7	5.4
-35°	7.4	7.1	6.8	6.6	6.3	6.0	5.8	5.8	5.8	5.6	5.3
-36.25°	7.3	7.0	6.8	6.5	6.2	5.9	5.8	5.8	5.8	5.5	5.3
-37.5°	7.2	6.9	6.7	6.4	6.1	5.8	5.8	5.8	5.7	5.5	5.2
-38.75°	7.1	6.8	6.5	6.3	6.0	5.8	5.8	5.8	5.7	5.4	5.1
-40°	7.0	6.7	6.4	6.2	5.9	5.8	5.8	5.8	5.6	5.3	5.0
-41.25°	6.8	6.6	6.3	6.1	5.8	5.8	5.8	5.8	5.5	5.3	4.9
-42.5°	6.7	6.5	6.2	6.0	5.8	5.8	5.8	5.7	5.4	5.2	4.7
-43.75°	6.6	6.4	6.1	5.9	5.8	5.8	5.8	5.6	5.4	5.1	4.6
-45°	6.5	6.2	6.0	5.8	5.8	5.8	5.8	5.5	5.3	5.0	4.4
-46.25°	6.3	6.1	5.9	5.8	5.8	5.8	5.7	5.4	5.2	4.8	4.3
-47.5°	6.2	6.0	5.8	5.8	5.8	5.8	5.6	5.3	5.1	4.6	4.1
-48.75°	6.1	5.9	5.8	5.8	5.8	5.7	5.5	5.2	4.9	4.5	4.0
-50°	5.9	5.8	5.8	5.8	5.8	5.6	5.4	5.2	4.8	4.3	3.8
-51.25°	5.8	5.8	5.8	5.8	5.7	5.5	5.3	5.0	4.6	4.1	3.7
-52.5°	5.8	5.8	5.8	5.8	5.6	5.4	5.2	4.8	4.4	3.9	3.5
-53.75°	5.8	5.8	5.8	5.7	5.5	5.3	5.0	4.6	4.2	3.7	3.5
-55°	5.8	5.8	5.7	5.5	5.3	5.2	4.8	4.4	4.0	3.6	3.4
-56.25°	5.8	5.8	5.6	5.4	5.2	5.0	4.6	4.2	3.8	3.5	3.3
-57.5°	5.8	5.6	5.4	5.3	5.1	4.7	4.3	4.0	3.6	3.4	3.2
-58.75°	5.6	5.5	5.3	5.1	4.8	4.5	4.1	3.7	3.5	3.3	3.1
-60°	5.5	5.3	5.2	4.9	4.6	4.2	3.9	3.6	3.4	3.2	3.1
-61.25°	5.3	5.2	5.0	4.6	4.3	4.0	3.6	3.5	3.3	3.1	3.0
-62.5°	5.2	5.0	4.7	4.4	4.0	3.7	3.5	3.3	3.2	3.0	2.9
-63.75°	5.0	4.7	4.4	4.1	3.8	3.5	3.4	3.2	3.1	2.9	2.8
-65°	4.6	4.4	4.1	3.8	3.5	3.4	3.3	3.1	3.0	2.8	2.7
-66.25°	4.3	4.0	3.8	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.6
-67.5°	4.0	3.7	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5
-68.75°	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.4
-70°	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3
-71.25°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2
-72.5°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.1
-73.75°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	1.9
-75°	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.2	2.1	1.9	1.7
-76.25°	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.0	1.8	1.7	1.5
-77.5°	2.5	2.4	2.3	2.3	2.2	2.1	1.9	1.7	1.6	1.4	1.3



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	2.3	2.2	2.2	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1
-80°	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9
-81.25°	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
-82.5°	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.6	0.6
-83.75°	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5
-85°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
-86.25°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
-88.75°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
86.25°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
85°	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
83.75°	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1
82.5°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
81.25°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
80°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
78.75°	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
77.5°	1.1	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
76.25°	1.3	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2
75°	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.5	0.4	0.3	0.2
73.75°	1.7	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.2
72.5°	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.5	0.4	0.3	0.2
71.25°	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.6	0.4	0.3	0.2
70°	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.6	0.5	0.4	0.2
68.75°	2.3	2.2	1.9	1.6	1.4	1.1	0.8	0.6	0.5	0.4	0.3
67.5°	2.4	2.3	2.1	1.8	1.5	1.2	0.9	0.7	0.5	0.4	0.3
66.25°	2.5	2.3	2.2	1.9	1.6	1.3	1.0	0.7	0.6	0.4	0.3
65°	2.6	2.4	2.3	2.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3
63.75°	2.6	2.5	2.3	2.2	1.8	1.5	1.2	0.9	0.6	0.5	0.3
62.5°	2.7	2.6	2.4	2.2	2.0	1.6	1.3	0.9	0.6	0.5	0.3
61.25°	2.8	2.6	2.5	2.3	2.1	1.7	1.4	1.0	0.7	0.5	0.3
60°	2.9	2.7	2.5	2.4	2.2	1.8	1.4	1.1	0.7	0.5	0.3
58.75°	3.0	2.8	2.6	2.4	2.2	1.9	1.5	1.1	0.8	0.5	0.4
57.5°	3.0	2.9	2.7	2.5	2.3	2.0	1.6	1.2	0.8	0.6	0.4
56.25°	3.1	2.9	2.7	2.5	2.4	2.1	1.7	1.3	0.9	0.6	0.4
55°	3.2	3.0	2.8	2.6	2.4	2.2	1.8	1.3	0.9	0.6	0.4
53.75°	3.3	3.1	2.9	2.7	2.5	2.2	1.9	1.4	1.0	0.6	0.4
52.5°	3.3	3.1	2.9	2.7	2.5	2.3	1.9	1.5	1.0	0.6	0.4
51.25°	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.5	1.1	0.7	0.4
50°	3.5	3.3	3.0	2.8	2.6	2.4	2.1	1.6	1.1	0.7	0.4
48.75°	3.6	3.3	3.1	2.9	2.6	2.4	2.2	1.7	1.2	0.7	0.5
47.5°	3.6	3.4	3.2	2.9	2.7	2.5	2.2	1.7	1.2	0.7	0.5
46.25°	3.8	3.4	3.2	3.0	2.7	2.5	2.3	1.8	1.3	0.8	0.5
45°	3.9	3.5	3.3	3.0	2.8	2.5	2.3	1.8	1.3	0.8	0.5
43.75°	4.1	3.6	3.3	3.1	2.8	2.6	2.3	1.9	1.4	0.8	0.5
42.5°	4.2	3.7	3.4	3.1	2.9	2.6	2.3	2.0	1.4	0.9	0.5
41.25°	4.3	3.8	3.4	3.2	2.9	2.6	2.4	2.0	1.5	0.9	0.5
40°	4.5	3.9	3.5	3.2	2.9	2.7	2.4	2.1	1.5	0.9	0.5
38.75°	4.6	4.0	3.5	3.3	3.0	2.7	2.4	2.1	1.5	1.0	0.5
37.5°	4.7	4.1	3.6	3.3	3.0	2.7	2.5	2.2	1.6	1.0	0.6
36.25°	4.8	4.2	3.6	3.3	3.1	2.8	2.5	2.2	1.6	1.0	0.6
35°	4.9	4.3	3.7	3.4	3.1	2.8	2.5	2.2	1.7	1.0	0.6



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	5.1	4.4	3.8	3.4	3.1	2.8	2.5	2.3	1.7	1.1	0.6
32.5°	5.1	4.5	3.9	3.5	3.2	2.9	2.6	2.3	1.7	1.1	0.6
31.25°	5.2	4.6	4.0	3.5	3.2	2.9	2.6	2.3	1.8	1.1	0.6
30°	5.2	4.7	4.1	3.5	3.2	2.9	2.6	2.3	1.8	1.1	0.6
28.75°	5.3	4.8	4.2	3.6	3.3	2.9	2.6	2.3	1.8	1.2	0.6
27.5°	5.3	4.9	4.2	3.6	3.3	3.0	2.7	2.4	1.9	1.2	0.6
26.25°	5.4	5.0	4.3	3.6	3.3	3.0	2.7	2.4	1.9	1.2	0.6
25°	5.4	5.1	4.4	3.7	3.3	3.0	2.7	2.4	1.9	1.2	0.6
23.75°	5.4	5.1	4.5	3.8	3.4	3.0	2.7	2.4	1.9	1.3	0.6
22.5°	5.5	5.2	4.5	3.8	3.4	3.1	2.7	2.4	2.0	1.3	0.6
21.25°	5.5	5.2	4.6	3.9	3.4	3.1	2.8	2.4	2.0	1.3	0.7
20°	5.5	5.2	4.6	3.9	3.4	3.1	2.8	2.4	2.0	1.3	0.7
18.75°	5.6	5.2	4.7	4.0	3.4	3.1	2.8	2.5	2.0	1.3	0.7
17.5°	5.6	5.3	4.7	4.0	3.5	3.1	2.8	2.5	2.1	1.3	0.7
16.25°	5.6	5.3	4.8	4.1	3.5	3.2	2.8	2.5	2.1	1.4	0.7
15°	5.7	5.3	4.8	4.1	3.5	3.2	2.8	2.5	2.1	1.4	0.7
13.75°	5.7	5.3	4.9	4.2	3.5	3.2	2.8	2.5	2.1	1.4	0.7
12.5°	5.7	5.4	4.9	4.2	3.5	3.2	2.8	2.5	2.1	1.4	0.7
11.25°	5.7	5.4	5.0	4.2	3.5	3.2	2.9	2.5	2.1	1.4	0.7
10°	5.7	5.4	5.0	4.2	3.6	3.2	2.9	2.5	2.2	1.4	0.7
8.75°	5.7	5.4	5.0	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
7.5°	5.8	5.4	5.0	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
6.25°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
5°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
3.75°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
2.5°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
1.25°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
0°	5.8	5.5	5.1	4.4	3.6	3.3	2.9	2.6	2.2	1.5	0.7
-1.25°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-2.5°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-3.75°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-5°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-6.25°	5.8	5.4	5.1	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-7.5°	5.8	5.4	5.0	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-8.75°	5.7	5.4	5.0	4.3	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-10°	5.7	5.4	5.0	4.2	3.6	3.2	2.9	2.5	2.2	1.4	0.7
-11.25°	5.7	5.4	5.0	4.2	3.5	3.2	2.9	2.5	2.1	1.4	0.7
-12.5°	5.7	5.4	4.9	4.2	3.5	3.2	2.8	2.5	2.1	1.4	0.7
-13.75°	5.7	5.3	4.9	4.2	3.5	3.2	2.8	2.5	2.1	1.4	0.7
-15°	5.7	5.3	4.8	4.1	3.5	3.2	2.8	2.5	2.1	1.4	0.7
-16.25°	5.6	5.3	4.8	4.1	3.5	3.2	2.8	2.5	2.1	1.4	0.7
-17.5°	5.6	5.3	4.7	4.0	3.5	3.1	2.8	2.5	2.1	1.3	0.7
-18.75°	5.6	5.2	4.7	4.0	3.4	3.1	2.8	2.5	2.0	1.3	0.7
-20°	5.5	5.2	4.6	3.9	3.4	3.1	2.8	2.4	2.0	1.3	0.7
-21.25°	5.5	5.2	4.6	3.9	3.4	3.1	2.8	2.4	2.0	1.3	0.7



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	5.5	5.2	4.5	3.8	3.4	3.1	2.7	2.4	2.0	1.3	0.6
-23.75°	5.4	5.1	4.5	3.8	3.4	3.0	2.7	2.4	1.9	1.3	0.6
-25°	5.4	5.1	4.4	3.7	3.3	3.0	2.7	2.4	1.9	1.2	0.6
-26.25°	5.4	5.0	4.3	3.6	3.3	3.0	2.7	2.4	1.9	1.2	0.6
-27.5°	5.3	4.9	4.2	3.6	3.3	3.0	2.7	2.4	1.9	1.2	0.6
-28.75°	5.3	4.8	4.2	3.6	3.3	2.9	2.6	2.3	1.8	1.2	0.6
-30°	5.2	4.7	4.1	3.5	3.2	2.9	2.6	2.3	1.8	1.1	0.6
-31.25°	5.2	4.6	4.0	3.5	3.2	2.9	2.6	2.3	1.8	1.1	0.6
-32.5°	5.1	4.5	3.9	3.5	3.2	2.9	2.6	2.3	1.7	1.1	0.6
-33.75°	5.1	4.4	3.8	3.4	3.1	2.8	2.5	2.3	1.7	1.1	0.6
-35°	4.9	4.3	3.7	3.4	3.1	2.8	2.5	2.2	1.7	1.0	0.6
-36.25°	4.8	4.2	3.6	3.3	3.1	2.8	2.5	2.2	1.6	1.0	0.6
-37.5°	4.7	4.1	3.6	3.3	3.0	2.7	2.5	2.2	1.6	1.0	0.6
-38.75°	4.6	4.0	3.5	3.3	3.0	2.7	2.4	2.1	1.5	1.0	0.5
-40°	4.5	3.9	3.5	3.2	2.9	2.7	2.4	2.1	1.5	0.9	0.5
-41.25°	4.3	3.8	3.4	3.2	2.9	2.6	2.4	2.0	1.5	0.9	0.5
-42.5°	4.2	3.7	3.4	3.1	2.9	2.6	2.3	2.0	1.4	0.9	0.5
-43.75°	4.1	3.6	3.3	3.1	2.8	2.6	2.3	1.9	1.4	0.8	0.5
-45°	3.9	3.5	3.3	3.0	2.8	2.5	2.3	1.8	1.3	0.8	0.5
-46.25°	3.8	3.4	3.2	3.0	2.7	2.5	2.3	1.8	1.3	0.8	0.5
-47.5°	3.6	3.4	3.2	2.9	2.7	2.5	2.2	1.7	1.2	0.7	0.5
-48.75°	3.6	3.3	3.1	2.9	2.6	2.4	2.2	1.7	1.2	0.7	0.5
-50°	3.5	3.3	3.0	2.8	2.6	2.4	2.1	1.6	1.1	0.7	0.4
-51.25°	3.4	3.2	3.0	2.8	2.5	2.3	2.0	1.5	1.1	0.7	0.4
-52.5°	3.3	3.1	2.9	2.7	2.5	2.3	1.9	1.5	1.0	0.6	0.4
-53.75°	3.3	3.1	2.9	2.7	2.5	2.2	1.9	1.4	1.0	0.6	0.4
-55°	3.2	3.0	2.8	2.6	2.4	2.2	1.8	1.3	0.9	0.6	0.4
-56.25°	3.1	2.9	2.7	2.5	2.4	2.1	1.7	1.3	0.9	0.6	0.4
-57.5°	3.0	2.9	2.7	2.5	2.3	2.0	1.6	1.2	0.8	0.6	0.4
-58.75°	3.0	2.8	2.6	2.4	2.2	1.9	1.5	1.1	0.8	0.5	0.4
-60°	2.9	2.7	2.5	2.4	2.2	1.8	1.4	1.1	0.7	0.5	0.3
-61.25°	2.8	2.6	2.5	2.3	2.1	1.7	1.4	1.0	0.7	0.5	0.3
-62.5°	2.7	2.6	2.4	2.2	2.0	1.6	1.3	0.9	0.6	0.5	0.3
-63.75°	2.6	2.5	2.3	2.2	1.8	1.5	1.2	0.9	0.6	0.5	0.3
-65°	2.6	2.4	2.3	2.0	1.7	1.4	1.1	0.8	0.6	0.4	0.3
-66.25°	2.5	2.3	2.2	1.9	1.6	1.3	1.0	0.7	0.6	0.4	0.3
-67.5°	2.4	2.3	2.1	1.8	1.5	1.2	0.9	0.7	0.5	0.4	0.3
-68.75°	2.3	2.2	1.9	1.6	1.4	1.1	0.8	0.6	0.5	0.4	0.3
-70°	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.6	0.5	0.4	0.2
-71.25°	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.6	0.4	0.3	0.2
-72.5°	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.5	0.4	0.3	0.2
-73.75°	1.7	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-75°	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.5	0.4	0.3	0.2
-76.25°	1.3	1.1	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2
-77.5°	1.1	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-80°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-81.25°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-82.5°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-83.75°	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1
-85°	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
-86.25°	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-87.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, 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°	0.0	0.0
85°	0.0	0.0
83.75°	0.0	0.0
82.5°	0.0	0.0
81.25°	0.1	0.0
80°	0.1	0.0
78.75°	0.1	0.0
77.5°	0.1	0.0
76.25°	0.1	0.0
75°	0.1	0.0
73.75°	0.1	0.0
72.5°	0.1	0.0
71.25°	0.1	0.0
70°	0.1	0.0
68.75°	0.1	0.0
67.5°	0.1	0.0
66.25°	0.1	0.0
65°	0.1	0.0
63.75°	0.2	0.0
62.5°	0.2	0.0
61.25°	0.2	0.0
60°	0.2	0.0
58.75°	0.2	0.0
57.5°	0.2	0.0
56.25°	0.2	0.0
55°	0.2	0.0
53.75°	0.2	0.0
52.5°	0.2	0.0
51.25°	0.2	0.0
50°	0.2	0.0
48.75°	0.2	0.0
47.5°	0.2	0.0
46.25°	0.2	0.0
45°	0.2	0.0
43.75°	0.3	0.0
42.5°	0.3	0.0
41.25°	0.3	0.0
40°	0.3	0.0
38.75°	0.3	0.0
37.5°	0.3	0.0
36.25°	0.3	0.0
35°	0.3	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.3	0.0
32.5°	0.3	0.0
31.25°	0.3	0.0
30°	0.3	0.0
28.75°	0.3	0.0
27.5°	0.3	0.0
26.25°	0.3	0.0
25°	0.3	0.0
23.75°	0.3	0.0
22.5°	0.3	0.0
21.25°	0.3	0.0
20°	0.3	0.0
18.75°	0.3	0.0
17.5°	0.3	0.0
16.25°	0.3	0.0
15°	0.3	0.0
13.75°	0.3	0.0
12.5°	0.3	0.0
11.25°	0.3	0.0
10°	0.3	0.0
8.75°	0.3	0.0
7.5°	0.3	0.0
6.25°	0.3	0.0
5°	0.3	0.0
3.75°	0.3	0.0
2.5°	0.3	0.0
1.25°	0.3	0.0
0°	0.3	0.0
-1.25°	0.3	0.0
-2.5°	0.3	0.0
-3.75°	0.3	0.0
-5°	0.3	0.0
-6.25°	0.3	0.0
-7.5°	0.3	0.0
-8.75°	0.3	0.0
-10°	0.3	0.0
-11.25°	0.3	0.0
-12.5°	0.3	0.0
-13.75°	0.3	0.0
-15°	0.3	0.0
-16.25°	0.3	0.0
-17.5°	0.3	0.0
-18.75°	0.3	0.0
-20°	0.3	0.0
-21.25°	0.3	0.0



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220333 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)