

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: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

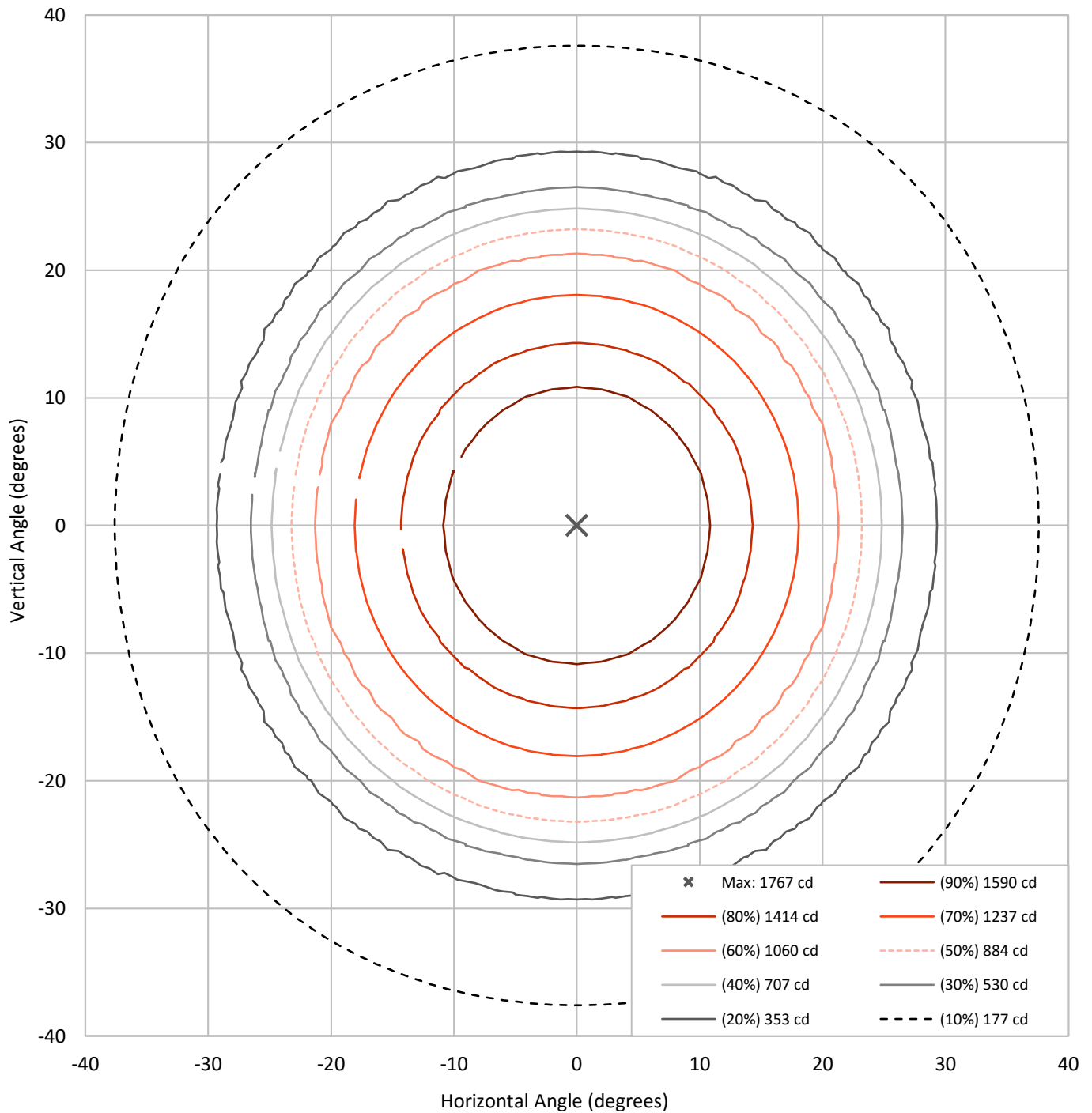
Test Method: LM-79-08
Report Number: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29471)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1189.4 lumens	Max Intensity:	1767 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.5°H x 46.5°V	Field Angle (10%):	75.2°H x 75.2°V
Beam Lumens:	683.2 lumens	Field Lumens:	973.4 lumens
Beam Efficiency:	57.4%	Field Efficiency:	81.8%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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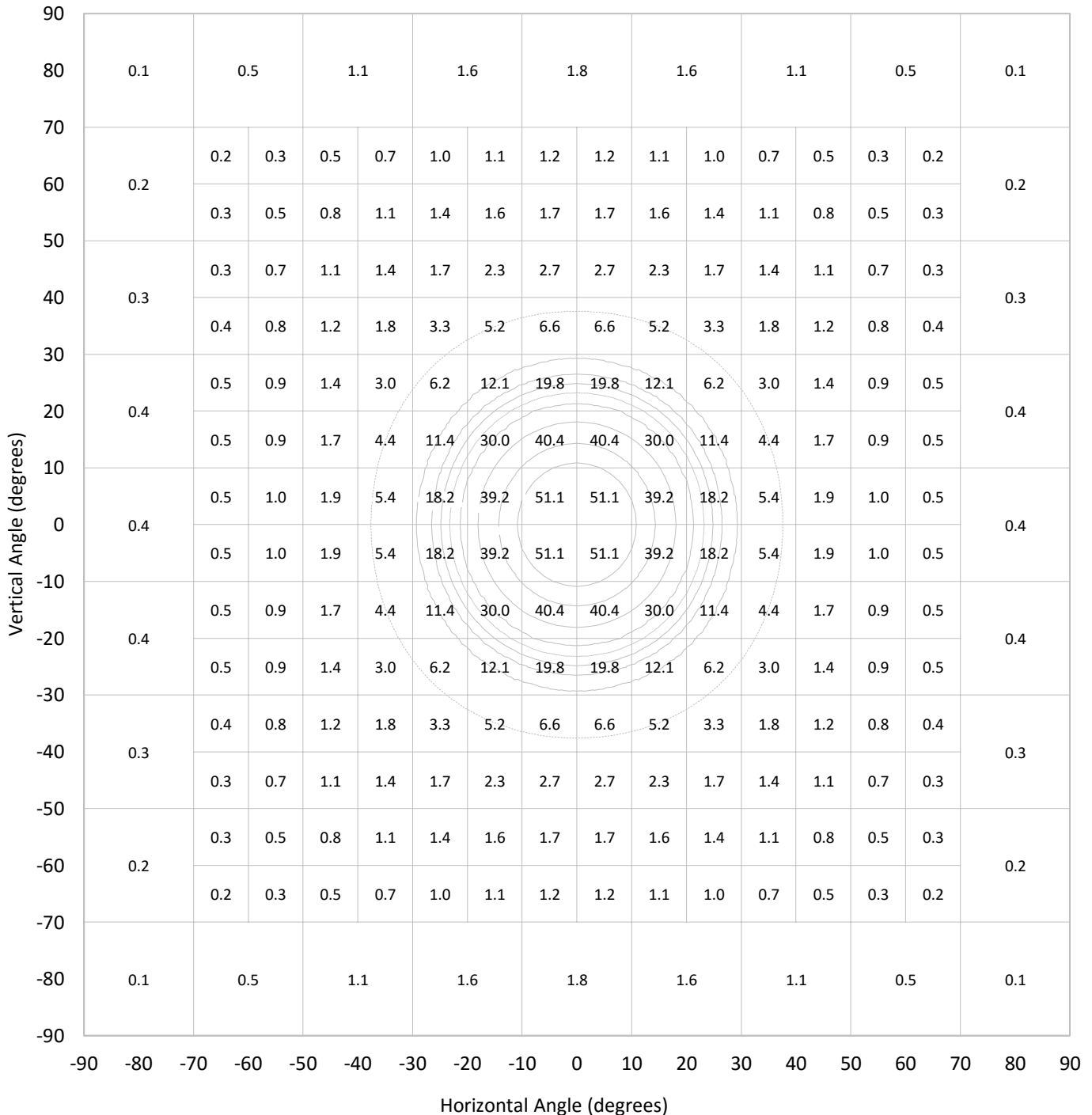
Iso-Candela Plot





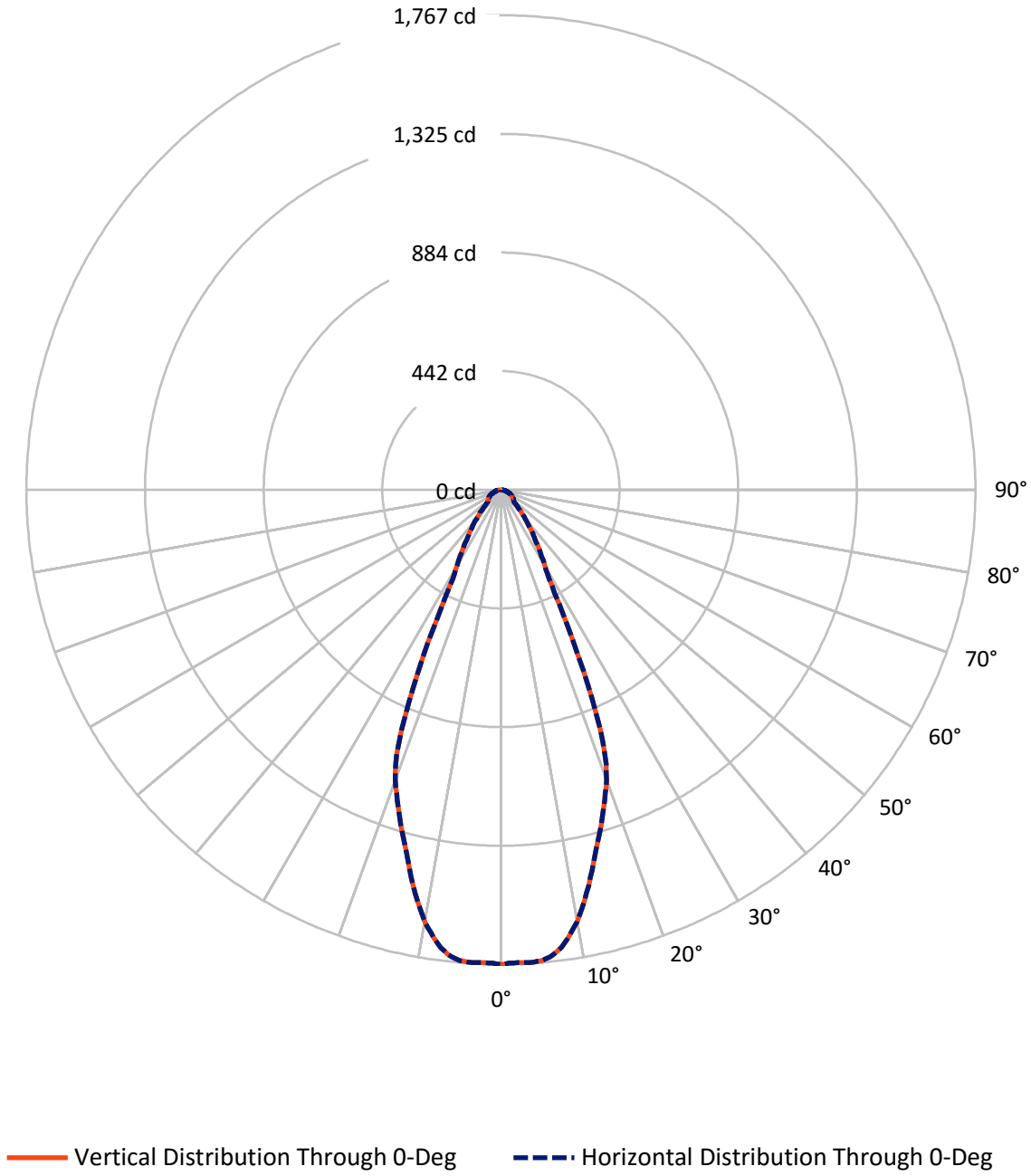
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Lumen Table



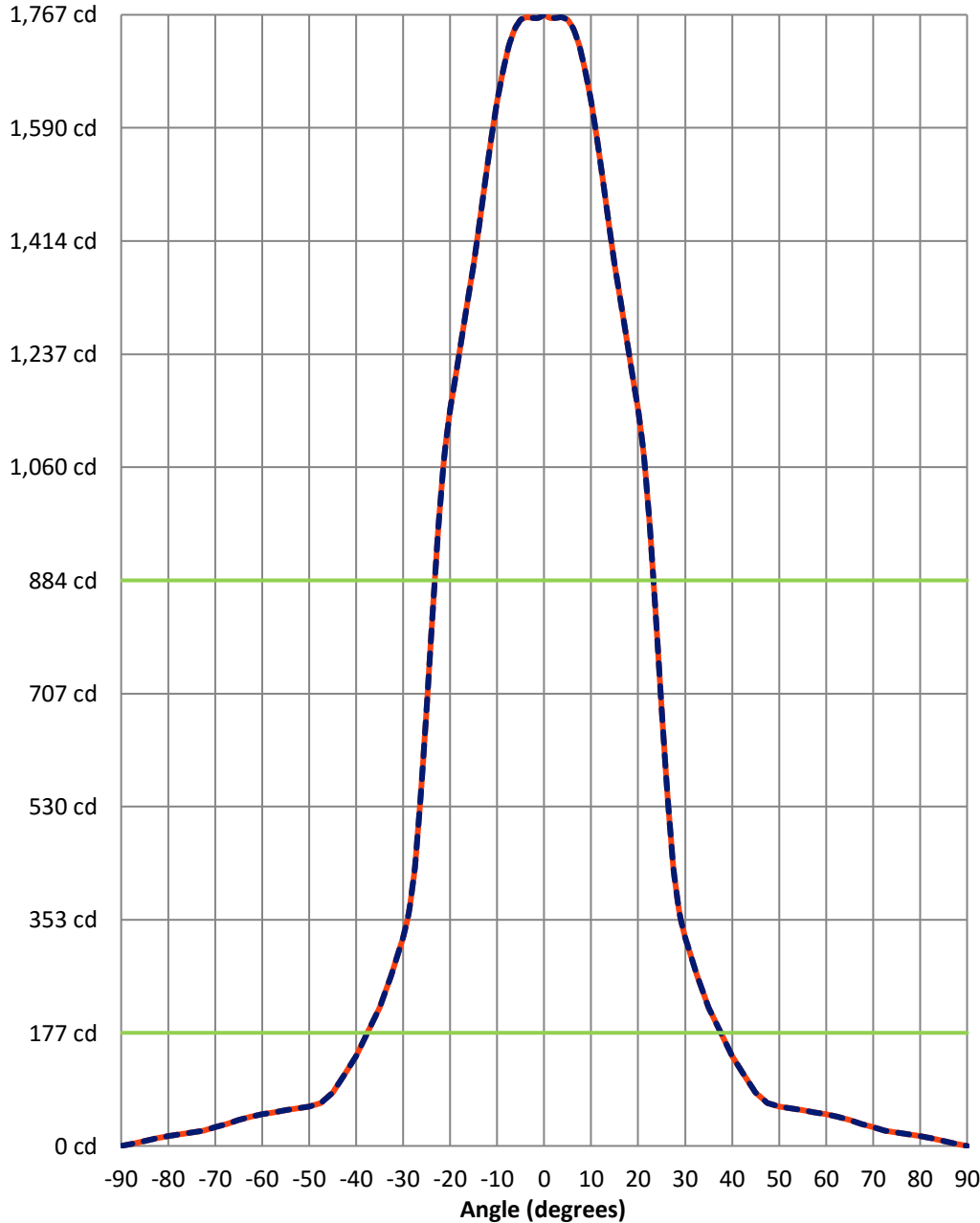
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 46.5°
V Angle: 46.5°
Lumens: 683.2
Efficiency: 57.4%

Field:
H Angle: 75.2°
V Angle: 75.2°
Lumens: 973.4
Efficiency: 81.8%

Spill:
Lumens: 215.9
Efficiency: 18.2%

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

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
86.25°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
83.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
81.25°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
80°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
78.75°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.1	3.4
77.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8
76.25°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.8	4.3
75°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.2	4.7
73.75°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	4.0	4.6	5.1
72.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.7	4.3	5.0	5.6
71.25°	0.0	0.6	1.1	1.7	2.2	2.8	3.4	4.0	4.7	5.3	6.0
70°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.3	5.0	5.7	6.4
68.75°	0.0	0.6	1.3	1.9	2.5	3.2	3.9	4.6	5.4	6.1	6.9
67.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.1	4.9	5.7	6.5	7.3
66.25°	0.0	0.7	1.4	2.1	2.8	3.5	4.4	5.2	6.0	6.9	7.7
65°	0.0	0.7	1.5	2.2	3.0	3.7	4.6	5.5	6.4	7.2	8.1
63.75°	0.0	0.8	1.5	2.3	3.1	3.9	4.9	5.8	6.7	7.6	8.5
62.5°	0.0	0.8	1.6	2.4	3.2	4.1	5.1	6.1	7.0	8.0	8.9
61.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.3	6.3	7.3	8.3	9.3
60°	0.0	0.9	1.7	2.6	3.5	4.5	5.6	6.6	7.7	8.7	9.7
58.75°	0.0	0.9	1.8	2.7	3.7	4.7	5.8	6.9	8.0	9.1	10.1
57.5°	0.0	0.9	1.9	2.8	3.8	4.9	6.1	7.2	8.3	9.4	10.5
56.25°	0.0	1.0	1.9	2.9	4.0	5.1	6.3	7.4	8.6	9.8	10.9
55°	0.0	1.0	2.0	3.0	4.1	5.3	6.5	7.7	8.9	10.1	11.3
53.75°	0.0	1.0	2.1	3.1	4.3	5.5	6.7	8.0	9.2	10.4	11.7
52.5°	0.0	1.1	2.1	3.2	4.4	5.7	7.0	8.2	9.5	10.8	12.0
51.25°	0.0	1.1	2.2	3.3	4.6	5.9	7.2	8.5	9.8	11.1	12.3
50°	0.0	1.1	2.2	3.4	4.7	6.0	7.4	8.7	10.1	11.4	12.6
48.75°	0.0	1.2	2.3	3.5	4.8	6.2	7.6	9.0	10.3	11.7	12.9
47.5°	0.0	1.2	2.4	3.6	5.0	6.4	7.8	9.2	10.6	12.0	13.2
46.25°	0.0	1.2	2.4	3.7	5.1	6.6	8.0	9.4	10.9	12.3	13.5
45°	0.0	1.2	2.5	3.8	5.2	6.7	8.2	9.7	11.1	12.5	13.7
43.75°	0.0	1.3	2.5	3.8	5.4	6.9	8.4	9.9	11.4	12.7	14.0
42.5°	0.0	1.3	2.6	3.9	5.5	7.0	8.6	10.1	11.7	13.0	14.3
41.25°	0.0	1.3	2.6	4.0	5.6	7.2	8.8	10.3	11.9	13.2	14.5
40°	0.0	1.3	2.7	4.1	5.7	7.3	8.9	10.5	12.1	13.4	14.8
38.75°	0.0	1.4	2.7	4.2	5.8	7.5	9.1	10.7	12.3	13.7	15.0
37.5°	0.0	1.4	2.8	4.3	6.0	7.6	9.3	10.9	12.5	13.9	15.2
36.25°	0.0	1.4	2.8	4.4	6.1	7.8	9.5	11.1	12.7	14.1	15.5
35°	0.0	1.4	2.9	4.5	6.2	7.9	9.6	11.3	12.8	14.3	15.6



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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°
33.75°	0.0	1.5	2.9	4.5	6.3	8.0	9.8	11.5	13.0	14.5	15.8
32.5°	0.0	1.5	3.0	4.6	6.4	8.2	9.9	11.7	13.2	14.7	16.0
31.25°	0.0	1.5	3.0	4.7	6.5	8.3	10.1	11.9	13.4	14.8	16.1
30°	0.0	1.5	3.0	4.8	6.6	8.4	10.2	12.0	13.5	15.0	16.3
28.75°	0.0	1.5	3.1	4.8	6.7	8.5	10.3	12.1	13.7	15.2	16.5
27.5°	0.0	1.6	3.1	4.9	6.7	8.6	10.5	12.3	13.8	15.4	16.6
26.25°	0.0	1.6	3.1	4.9	6.8	8.7	10.6	12.4	13.9	15.5	16.7
25°	0.0	1.6	3.2	5.0	6.9	8.8	10.7	12.5	14.1	15.6	16.9
23.75°	0.0	1.6	3.2	5.1	7.0	8.9	10.8	12.6	14.2	15.7	17.0
22.5°	0.0	1.6	3.2	5.1	7.1	9.0	10.9	12.7	14.3	15.8	17.1
21.25°	0.0	1.6	3.3	5.2	7.1	9.1	11.0	12.8	14.4	15.9	17.2
20°	0.0	1.6	3.3	5.2	7.2	9.2	11.1	12.9	14.5	16.0	17.3
18.75°	0.0	1.7	3.3	5.3	7.3	9.2	11.2	13.0	14.6	16.1	17.4
17.5°	0.0	1.7	3.3	5.3	7.3	9.3	11.3	13.1	14.7	16.2	17.5
16.25°	0.0	1.7	3.4	5.3	7.4	9.4	11.4	13.2	14.8	16.3	17.6
15°	0.0	1.7	3.4	5.4	7.4	9.4	11.5	13.2	14.9	16.4	17.7
13.75°	0.0	1.7	3.4	5.4	7.5	9.5	11.5	13.3	15.0	16.4	17.8
12.5°	0.0	1.7	3.4	5.5	7.5	9.6	11.6	13.4	15.1	16.5	17.9
11.25°	0.0	1.7	3.4	5.5	7.5	9.6	11.7	13.4	15.1	16.6	17.9
10°	0.0	1.7	3.4	5.5	7.6	9.6	11.7	13.5	15.2	16.6	18.0
8.75°	0.0	1.7	3.5	5.5	7.6	9.7	11.8	13.5	15.2	16.7	18.0
7.5°	0.0	1.7	3.5	5.5	7.6	9.7	11.8	13.5	15.3	16.7	18.1
6.25°	0.0	1.7	3.5	5.6	7.6	9.7	11.8	13.6	15.3	16.7	18.1
5°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.3	16.8	18.1
3.75°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.4	16.8	18.2
2.5°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.4	16.8	18.2
1.25°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.4	16.8	18.2
0°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.7	15.4	16.8	18.2
-1.25°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.4	16.8	18.2
-2.5°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.4	16.8	18.2
-3.75°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.4	16.8	18.2
-5°	0.0	1.7	3.5	5.6	7.7	9.8	11.9	13.6	15.3	16.8	18.1
-6.25°	0.0	1.7	3.5	5.6	7.6	9.7	11.8	13.6	15.3	16.7	18.1
-7.5°	0.0	1.7	3.5	5.5	7.6	9.7	11.8	13.5	15.3	16.7	18.1
-8.75°	0.0	1.7	3.5	5.5	7.6	9.7	11.8	13.5	15.2	16.7	18.0
-10°	0.0	1.7	3.4	5.5	7.6	9.6	11.7	13.5	15.2	16.6	18.0
-11.25°	0.0	1.7	3.4	5.5	7.5	9.6	11.7	13.4	15.1	16.6	17.9
-12.5°	0.0	1.7	3.4	5.5	7.5	9.6	11.6	13.4	15.1	16.5	17.9
-13.75°	0.0	1.7	3.4	5.4	7.5	9.5	11.5	13.3	15.0	16.4	17.8
-15°	0.0	1.7	3.4	5.4	7.4	9.4	11.5	13.2	14.9	16.4	17.7
-16.25°	0.0	1.7	3.4	5.3	7.4	9.4	11.4	13.2	14.8	16.3	17.6
-17.5°	0.0	1.7	3.3	5.3	7.3	9.3	11.3	13.1	14.7	16.2	17.5
-18.75°	0.0	1.7	3.3	5.3	7.3	9.2	11.2	13.0	14.6	16.1	17.4
-20°	0.0	1.6	3.3	5.2	7.2	9.2	11.1	12.9	14.5	16.0	17.3
-21.25°	0.0	1.6	3.3	5.2	7.1	9.1	11.0	12.8	14.4	15.9	17.2



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.6	3.2	5.1	7.1	9.0	10.9	12.7	14.3	15.8	17.1
-23.75°	0.0	1.6	3.2	5.1	7.0	8.9	10.8	12.6	14.2	15.7	17.0
-25°	0.0	1.6	3.2	5.0	6.9	8.8	10.7	12.5	14.1	15.6	16.9
-26.25°	0.0	1.6	3.1	4.9	6.8	8.7	10.6	12.4	13.9	15.5	16.7
-27.5°	0.0	1.6	3.1	4.9	6.7	8.6	10.5	12.3	13.8	15.4	16.6
-28.75°	0.0	1.5	3.1	4.8	6.7	8.5	10.3	12.1	13.7	15.2	16.5
-30°	0.0	1.5	3.0	4.8	6.6	8.4	10.2	12.0	13.5	15.0	16.3
-31.25°	0.0	1.5	3.0	4.7	6.5	8.3	10.1	11.9	13.4	14.8	16.1
-32.5°	0.0	1.5	3.0	4.6	6.4	8.2	9.9	11.7	13.2	14.7	16.0
-33.75°	0.0	1.5	2.9	4.5	6.3	8.0	9.8	11.5	13.0	14.5	15.8
-35°	0.0	1.4	2.9	4.5	6.2	7.9	9.6	11.3	12.8	14.3	15.6
-36.25°	0.0	1.4	2.8	4.4	6.1	7.8	9.5	11.1	12.7	14.1	15.5
-37.5°	0.0	1.4	2.8	4.3	6.0	7.6	9.3	10.9	12.5	13.9	15.2
-38.75°	0.0	1.4	2.7	4.2	5.8	7.5	9.1	10.7	12.3	13.7	15.0
-40°	0.0	1.3	2.7	4.1	5.7	7.3	8.9	10.5	12.1	13.4	14.8
-41.25°	0.0	1.3	2.6	4.0	5.6	7.2	8.8	10.3	11.9	13.2	14.5
-42.5°	0.0	1.3	2.6	3.9	5.5	7.0	8.6	10.1	11.7	13.0	14.3
-43.75°	0.0	1.3	2.5	3.8	5.4	6.9	8.4	9.9	11.4	12.7	14.0
-45°	0.0	1.2	2.5	3.8	5.2	6.7	8.2	9.7	11.1	12.5	13.7
-46.25°	0.0	1.2	2.4	3.7	5.1	6.6	8.0	9.4	10.9	12.3	13.5
-47.5°	0.0	1.2	2.4	3.6	5.0	6.4	7.8	9.2	10.6	12.0	13.2
-48.75°	0.0	1.2	2.3	3.5	4.8	6.2	7.6	9.0	10.3	11.7	12.9
-50°	0.0	1.1	2.2	3.4	4.7	6.0	7.4	8.7	10.1	11.4	12.6
-51.25°	0.0	1.1	2.2	3.3	4.6	5.9	7.2	8.5	9.8	11.1	12.3
-52.5°	0.0	1.1	2.1	3.2	4.4	5.7	7.0	8.2	9.5	10.8	12.0
-53.75°	0.0	1.0	2.1	3.1	4.3	5.5	6.7	8.0	9.2	10.4	11.7
-55°	0.0	1.0	2.0	3.0	4.1	5.3	6.5	7.7	8.9	10.1	11.3
-56.25°	0.0	1.0	1.9	2.9	4.0	5.1	6.3	7.4	8.6	9.8	10.9
-57.5°	0.0	0.9	1.9	2.8	3.8	4.9	6.1	7.2	8.3	9.4	10.5
-58.75°	0.0	0.9	1.8	2.7	3.7	4.7	5.8	6.9	8.0	9.1	10.1
-60°	0.0	0.9	1.7	2.6	3.5	4.5	5.6	6.6	7.7	8.7	9.7
-61.25°	0.0	0.8	1.7	2.5	3.4	4.3	5.3	6.3	7.3	8.3	9.3
-62.5°	0.0	0.8	1.6	2.4	3.2	4.1	5.1	6.1	7.0	8.0	8.9
-63.75°	0.0	0.8	1.5	2.3	3.1	3.9	4.9	5.8	6.7	7.6	8.5
-65°	0.0	0.7	1.5	2.2	3.0	3.7	4.6	5.5	6.4	7.2	8.1
-66.25°	0.0	0.7	1.4	2.1	2.8	3.5	4.4	5.2	6.0	6.9	7.7
-67.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.1	4.9	5.7	6.5	7.3
-68.75°	0.0	0.6	1.3	1.9	2.5	3.2	3.9	4.6	5.4	6.1	6.9
-70°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.3	5.0	5.7	6.4
-71.25°	0.0	0.6	1.1	1.7	2.2	2.8	3.4	4.0	4.7	5.3	6.0
-72.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.7	4.3	5.0	5.6
-73.75°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.4	4.0	4.6	5.1
-75°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.2	4.7
-76.25°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.8	4.3
-77.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.8



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.1	3.4
-80°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-81.25°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-82.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
-83.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-86.25°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-88.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8
87.5°	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5
86.25°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
85°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1
83.75°	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.9
82.5°	2.5	2.7	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.9
81.25°	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8
80°	3.3	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.4	6.7
78.75°	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.5	6.9	7.2	7.6
77.5°	4.3	4.7	5.1	5.6	6.0	6.4	6.9	7.3	7.7	8.1	8.5
76.25°	4.7	5.2	5.7	6.2	6.7	7.1	7.6	8.1	8.5	9.0	9.4
75°	5.2	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.4	9.8	10.3
73.75°	5.7	6.3	6.8	7.4	8.0	8.5	9.1	9.6	10.2	10.7	11.2
72.5°	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4	11.0	11.6	12.1
71.25°	6.7	7.3	8.0	8.6	9.3	9.9	10.5	11.2	11.8	12.3	12.8
70°	7.1	7.8	8.5	9.2	9.9	10.6	11.3	11.9	12.5	13.0	13.6
68.75°	7.6	8.3	9.1	9.8	10.5	11.3	12.0	12.6	13.2	13.7	14.3
67.5°	8.1	8.8	9.6	10.4	11.2	11.9	12.6	13.2	13.8	14.4	15.0
66.25°	8.5	9.4	10.2	11.0	11.8	12.5	13.2	13.8	14.5	15.1	15.7
65°	9.0	9.8	10.7	11.6	12.3	13.0	13.7	14.4	15.1	15.7	16.3
63.75°	9.4	10.3	11.2	12.1	12.8	13.6	14.3	15.0	15.7	16.3	16.8
62.5°	9.9	10.8	11.8	12.6	13.3	14.1	14.9	15.6	16.2	16.8	17.4
61.25°	10.3	11.3	12.2	13.0	13.9	14.7	15.4	16.1	16.7	17.3	18.0
60°	10.8	11.8	12.7	13.5	14.3	15.2	15.9	16.6	17.2	17.9	18.5
58.75°	11.2	12.2	13.1	14.0	14.8	15.6	16.3	17.0	17.7	18.4	19.1
57.5°	11.6	12.6	13.5	14.4	15.3	16.1	16.8	17.5	18.2	18.9	19.6
56.25°	12.0	13.0	13.9	14.9	15.7	16.5	17.2	17.9	18.7	19.4	20.1
55°	12.4	13.4	14.3	15.3	16.1	16.9	17.6	18.4	19.2	19.9	20.7
53.75°	12.7	13.7	14.7	15.7	16.5	17.3	18.1	18.8	19.6	20.4	21.2
52.5°	13.0	14.1	15.1	16.0	16.8	17.7	18.5	19.3	20.1	20.9	21.7
51.25°	13.4	14.5	15.5	16.4	17.2	18.0	18.9	19.7	20.6	21.4	22.2
50°	13.7	14.8	15.8	16.7	17.6	18.4	19.3	20.1	21.0	21.9	22.7
48.75°	14.0	15.2	16.1	17.0	17.9	18.8	19.7	20.6	21.4	22.3	23.2
47.5°	14.3	15.5	16.4	17.3	18.2	19.2	20.1	21.0	21.9	22.8	23.7
46.25°	14.6	15.7	16.7	17.6	18.6	19.5	20.5	21.4	22.3	23.2	24.5
45°	14.9	16.0	17.0	17.9	18.9	19.9	20.8	21.8	22.7	23.7	25.4
43.75°	15.2	16.3	17.3	18.3	19.2	20.2	21.2	22.2	23.1	24.4	26.3
42.5°	15.5	16.5	17.5	18.5	19.6	20.6	21.6	22.6	23.5	25.3	27.2
41.25°	15.7	16.8	17.8	18.8	19.9	20.9	21.9	22.9	24.1	26.1	28.1
40°	15.9	17.0	18.1	19.1	20.2	21.2	22.3	23.3	24.9	26.9	29.0
38.75°	16.2	17.2	18.3	19.4	20.5	21.5	22.6	23.6	25.6	27.7	29.7
37.5°	16.4	17.5	18.6	19.7	20.7	21.8	22.9	24.2	26.3	28.5	30.5
36.25°	16.6	17.7	18.8	19.9	21.0	22.1	23.2	24.9	27.1	29.2	31.2
35°	16.8	17.9	19.0	20.2	21.3	22.4	23.5	25.5	27.7	29.9	31.8



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	17.0	18.1	19.3	20.4	21.6	22.7	23.9	26.2	28.4	30.5	32.5
32.5°	17.2	18.3	19.5	20.7	21.8	23.0	24.5	26.8	29.1	31.1	33.1
31.25°	17.3	18.5	19.7	20.9	22.1	23.2	25.0	27.4	29.7	31.7	33.7
30°	17.5	18.7	19.9	21.1	22.3	23.5	25.6	28.0	30.2	32.3	34.4
28.75°	17.7	18.9	20.1	21.3	22.5	23.7	26.1	28.5	30.7	32.8	35.1
27.5°	17.8	19.1	20.3	21.5	22.8	24.2	26.6	29.0	31.2	33.4	35.8
26.25°	18.0	19.2	20.5	21.7	23.0	24.6	27.1	29.5	31.7	33.9	36.5
25°	18.1	19.4	20.7	21.9	23.2	25.0	27.6	30.0	32.2	34.4	37.2
23.75°	18.3	19.5	20.8	22.1	23.4	25.5	28.0	30.4	32.6	34.9	37.8
22.5°	18.4	19.7	21.0	22.3	23.5	25.9	28.4	30.8	33.0	35.5	38.4
21.25°	18.5	19.8	21.1	22.4	23.7	26.2	28.8	31.2	33.4	36.1	38.9
20°	18.7	20.0	21.3	22.6	24.0	26.6	29.2	31.5	33.8	36.6	39.5
18.75°	18.8	20.1	21.4	22.7	24.3	26.9	29.5	31.8	34.1	37.0	40.0
17.5°	18.9	20.2	21.5	22.9	24.6	27.2	29.8	32.2	34.5	37.5	40.5
16.25°	19.0	20.3	21.7	23.0	24.9	27.5	30.1	32.4	34.9	37.9	40.8
15°	19.1	20.4	21.8	23.1	25.1	27.8	30.4	32.7	35.3	38.3	41.2
13.75°	19.2	20.5	21.9	23.2	25.4	28.1	30.6	33.0	35.6	38.7	41.5
12.5°	19.2	20.6	22.0	23.3	25.6	28.3	30.8	33.2	35.9	39.0	41.7
11.25°	19.3	20.7	22.0	23.4	25.8	28.5	31.0	33.4	36.2	39.3	42.0
10°	19.4	20.7	22.1	23.5	25.9	28.7	31.2	33.6	36.5	39.6	42.2
8.75°	19.4	20.8	22.2	23.6	26.1	28.9	31.3	33.8	36.7	39.8	42.4
7.5°	19.5	20.9	22.2	23.6	26.2	29.0	31.5	33.9	36.9	40.0	42.6
6.25°	19.5	20.9	22.3	23.7	26.3	29.1	31.6	34.0	37.1	40.2	42.7
5°	19.5	20.9	22.3	23.7	26.4	29.2	31.7	34.1	37.2	40.3	42.8
3.75°	19.6	21.0	22.4	23.8	26.5	29.3	31.8	34.2	37.3	40.5	42.9
2.5°	19.6	21.0	22.4	23.8	26.6	29.4	31.8	34.3	37.4	40.5	43.0
1.25°	19.6	21.0	22.4	23.8	26.6	29.4	31.8	34.3	37.4	40.6	43.0
0°	19.6	21.0	22.4	23.8	26.6	29.4	31.8	34.3	37.4	40.6	43.1
-1.25°	19.6	21.0	22.4	23.8	26.6	29.4	31.8	34.3	37.4	40.6	43.0
-2.5°	19.6	21.0	22.4	23.8	26.6	29.4	31.8	34.3	37.4	40.5	43.0
-3.75°	19.6	21.0	22.4	23.8	26.5	29.3	31.8	34.2	37.3	40.5	42.9
-5°	19.5	20.9	22.3	23.7	26.4	29.2	31.7	34.1	37.2	40.3	42.8
-6.25°	19.5	20.9	22.3	23.7	26.3	29.1	31.6	34.0	37.1	40.2	42.7
-7.5°	19.5	20.9	22.2	23.6	26.2	29.0	31.5	33.9	36.9	40.0	42.6
-8.75°	19.4	20.8	22.2	23.6	26.1	28.9	31.3	33.8	36.7	39.8	42.4
-10°	19.4	20.7	22.1	23.5	25.9	28.7	31.2	33.6	36.5	39.6	42.2
-11.25°	19.3	20.7	22.0	23.4	25.8	28.5	31.0	33.4	36.2	39.3	42.0
-12.5°	19.2	20.6	22.0	23.3	25.6	28.3	30.8	33.2	35.9	39.0	41.7
-13.75°	19.2	20.5	21.9	23.2	25.4	28.1	30.6	33.0	35.6	38.7	41.5
-15°	19.1	20.4	21.8	23.1	25.1	27.8	30.4	32.7	35.3	38.3	41.2
-16.25°	19.0	20.3	21.7	23.0	24.9	27.5	30.1	32.4	34.9	37.9	40.8
-17.5°	18.9	20.2	21.5	22.9	24.6	27.2	29.8	32.2	34.5	37.5	40.5
-18.75°	18.8	20.1	21.4	22.7	24.3	26.9	29.5	31.8	34.1	37.0	40.0
-20°	18.7	20.0	21.3	22.6	24.0	26.6	29.2	31.5	33.8	36.6	39.5
-21.25°	18.5	19.8	21.1	22.4	23.7	26.2	28.8	31.2	33.4	36.1	38.9



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	18.4	19.7	21.0	22.3	23.5	25.9	28.4	30.8	33.0	35.5	38.4
-23.75°	18.3	19.5	20.8	22.1	23.4	25.5	28.0	30.4	32.6	34.9	37.8
-25°	18.1	19.4	20.7	21.9	23.2	25.0	27.6	30.0	32.2	34.4	37.2
-26.25°	18.0	19.2	20.5	21.7	23.0	24.6	27.1	29.5	31.7	33.9	36.5
-27.5°	17.8	19.1	20.3	21.5	22.8	24.2	26.6	29.0	31.2	33.4	35.8
-28.75°	17.7	18.9	20.1	21.3	22.5	23.7	26.1	28.5	30.7	32.8	35.1
-30°	17.5	18.7	19.9	21.1	22.3	23.5	25.6	28.0	30.2	32.3	34.4
-31.25°	17.3	18.5	19.7	20.9	22.1	23.2	25.0	27.4	29.7	31.7	33.7
-32.5°	17.2	18.3	19.5	20.7	21.8	23.0	24.5	26.8	29.1	31.1	33.1
-33.75°	17.0	18.1	19.3	20.4	21.6	22.7	23.9	26.2	28.4	30.5	32.5
-35°	16.8	17.9	19.0	20.2	21.3	22.4	23.5	25.5	27.7	29.9	31.8
-36.25°	16.6	17.7	18.8	19.9	21.0	22.1	23.2	24.9	27.1	29.2	31.2
-37.5°	16.4	17.5	18.6	19.7	20.7	21.8	22.9	24.2	26.3	28.5	30.5
-38.75°	16.2	17.2	18.3	19.4	20.5	21.5	22.6	23.6	25.6	27.7	29.7
-40°	15.9	17.0	18.1	19.1	20.2	21.2	22.3	23.3	24.9	26.9	29.0
-41.25°	15.7	16.8	17.8	18.8	19.9	20.9	21.9	22.9	24.1	26.1	28.1
-42.5°	15.5	16.5	17.5	18.5	19.6	20.6	21.6	22.6	23.5	25.3	27.2
-43.75°	15.2	16.3	17.3	18.3	19.2	20.2	21.2	22.2	23.1	24.4	26.3
-45°	14.9	16.0	17.0	17.9	18.9	19.9	20.8	21.8	22.7	23.7	25.4
-46.25°	14.6	15.7	16.7	17.6	18.6	19.5	20.5	21.4	22.3	23.2	24.5
-47.5°	14.3	15.5	16.4	17.3	18.2	19.2	20.1	21.0	21.9	22.8	23.7
-48.75°	14.0	15.2	16.1	17.0	17.9	18.8	19.7	20.6	21.4	22.3	23.2
-50°	13.7	14.8	15.8	16.7	17.6	18.4	19.3	20.1	21.0	21.9	22.7
-51.25°	13.4	14.5	15.5	16.4	17.2	18.0	18.9	19.7	20.6	21.4	22.2
-52.5°	13.0	14.1	15.1	16.0	16.8	17.7	18.5	19.3	20.1	20.9	21.7
-53.75°	12.7	13.7	14.7	15.7	16.5	17.3	18.1	18.8	19.6	20.4	21.2
-55°	12.4	13.4	14.3	15.3	16.1	16.9	17.6	18.4	19.2	19.9	20.7
-56.25°	12.0	13.0	13.9	14.9	15.7	16.5	17.2	17.9	18.7	19.4	20.1
-57.5°	11.6	12.6	13.5	14.4	15.3	16.1	16.8	17.5	18.2	18.9	19.6
-58.75°	11.2	12.2	13.1	14.0	14.8	15.6	16.3	17.0	17.7	18.4	19.1
-60°	10.8	11.8	12.7	13.5	14.3	15.2	15.9	16.6	17.2	17.9	18.5
-61.25°	10.3	11.3	12.2	13.0	13.9	14.7	15.4	16.1	16.7	17.3	18.0
-62.5°	9.9	10.8	11.8	12.6	13.3	14.1	14.9	15.6	16.2	16.8	17.4
-63.75°	9.4	10.3	11.2	12.1	12.8	13.6	14.3	15.0	15.7	16.3	16.8
-65°	9.0	9.8	10.7	11.6	12.3	13.0	13.7	14.4	15.1	15.7	16.3
-66.25°	8.5	9.4	10.2	11.0	11.8	12.5	13.2	13.8	14.5	15.1	15.7
-67.5°	8.1	8.8	9.6	10.4	11.2	11.9	12.6	13.2	13.8	14.4	15.0
-68.75°	7.6	8.3	9.1	9.8	10.5	11.3	12.0	12.6	13.2	13.7	14.3
-70°	7.1	7.8	8.5	9.2	9.9	10.6	11.3	11.9	12.5	13.0	13.6
-71.25°	6.7	7.3	8.0	8.6	9.3	9.9	10.5	11.2	11.8	12.3	12.8
-72.5°	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4	11.0	11.6	12.1
-73.75°	5.7	6.3	6.8	7.4	8.0	8.5	9.1	9.6	10.2	10.7	11.2
-75°	5.2	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.4	9.8	10.3
-76.25°	4.7	5.2	5.7	6.2	6.7	7.1	7.6	8.1	8.5	9.0	9.4
-77.5°	4.3	4.7	5.1	5.6	6.0	6.4	6.9	7.3	7.7	8.1	8.5



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	3.8	4.2	4.6	5.0	5.3	5.7	6.1	6.5	6.9	7.2	7.6
-80°	3.3	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.0	6.4	6.7
-81.25°	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8
-82.5°	2.5	2.7	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6	4.9
-83.75°	2.1	2.3	2.4	2.6	2.8	3.0	3.2	3.3	3.5	3.7	3.9
-85°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.1
-86.25°	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
-87.5°	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5
-88.75°	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
87.5°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
86.25°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
85°	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7
83.75°	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0
82.5°	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	7.0	7.2	7.4
81.25°	6.1	6.3	6.6	6.9	7.2	7.4	7.7	8.0	8.2	8.5	8.7
80°	7.0	7.3	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1
78.75°	8.0	8.3	8.7	9.1	9.4	9.8	10.1	10.4	10.8	11.1	11.4
77.5°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.0	12.3	12.6
76.25°	9.9	10.3	10.8	11.2	11.6	12.0	12.4	12.7	13.0	13.4	13.7
75°	10.8	11.3	11.8	12.2	12.6	13.0	13.4	13.7	14.1	14.5	14.8
73.75°	11.8	12.2	12.7	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.8
72.5°	12.6	13.0	13.5	14.0	14.4	14.9	15.3	15.7	16.0	16.4	16.7
71.25°	13.3	13.9	14.3	14.8	15.3	15.7	16.1	16.5	16.8	17.2	17.6
70°	14.1	14.7	15.2	15.6	16.1	16.5	16.9	17.3	17.7	18.0	18.4
68.75°	14.9	15.4	15.9	16.3	16.8	17.2	17.6	18.1	18.5	18.9	19.3
67.5°	15.6	16.1	16.6	17.0	17.5	17.9	18.4	18.8	19.3	19.7	20.1
66.25°	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.6	20.1	20.6	21.0
65°	16.8	17.3	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9
63.75°	17.4	18.0	18.5	19.1	19.6	20.1	20.7	21.2	21.7	22.2	22.7
62.5°	18.0	18.6	19.2	19.7	20.3	20.8	21.4	21.9	22.5	23.0	23.5
61.25°	18.6	19.2	19.8	20.4	21.0	21.6	22.1	22.7	23.3	23.8	24.9
60°	19.2	19.8	20.4	21.0	21.7	22.3	22.9	23.5	24.3	25.5	26.6
58.75°	19.7	20.4	21.0	21.7	22.3	23.0	23.6	24.6	25.8	27.0	28.2
57.5°	20.3	21.0	21.7	22.3	23.0	23.7	24.8	26.1	27.4	28.6	29.8
56.25°	20.8	21.6	22.3	23.0	23.7	24.9	26.2	27.6	28.9	30.1	31.2
55°	21.4	22.1	22.9	23.6	24.8	26.2	27.6	29.0	30.3	31.4	32.6
53.75°	21.9	22.7	23.5	24.6	26.1	27.6	29.0	30.3	31.6	32.8	34.0
52.5°	22.5	23.3	24.3	25.8	27.4	28.9	30.3	31.6	32.8	34.1	35.6
51.25°	23.0	23.8	25.5	27.0	28.6	30.1	31.4	32.8	34.1	35.7	37.4
50°	23.5	24.9	26.6	28.2	29.8	31.2	32.6	34.0	35.6	37.4	39.1
48.75°	24.3	26.0	27.7	29.4	30.9	32.3	33.8	35.4	37.2	39.0	40.7
47.5°	25.3	27.1	28.8	30.4	31.9	33.4	35.1	36.9	38.8	40.6	42.0
46.25°	26.3	28.1	29.8	31.4	32.9	34.5	36.5	38.4	40.3	41.9	43.3
45°	27.3	29.1	30.8	32.4	34.0	35.9	37.9	39.9	41.6	43.1	44.6
43.75°	28.2	30.0	31.7	33.3	35.2	37.2	39.3	41.2	42.7	44.3	45.8
42.5°	29.2	30.9	32.6	34.3	36.4	38.5	40.6	42.3	43.9	45.5	46.8
41.25°	30.0	31.8	33.5	35.5	37.6	39.8	41.7	43.3	45.0	46.4	47.8
40°	30.8	32.6	34.4	36.6	38.8	41.0	42.7	44.4	46.0	47.4	48.8
38.75°	31.6	33.4	35.4	37.7	40.0	41.9	43.7	45.4	46.9	48.3	49.7
37.5°	32.3	34.2	36.5	38.8	41.1	42.9	44.7	46.3	47.8	49.2	50.3
36.25°	33.0	35.1	37.5	39.9	41.9	43.8	45.6	47.1	48.6	50.0	51.0
35°	33.8	36.1	38.5	40.9	42.8	44.7	46.4	47.9	49.5	50.5	51.6



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	34.5	37.0	39.5	41.7	43.6	45.5	47.1	48.7	50.1	51.1	52.2
32.5°	35.4	37.9	40.5	42.5	44.4	46.2	47.8	49.5	50.6	51.7	52.9
31.25°	36.2	38.8	41.2	43.2	45.2	46.9	48.6	50.0	51.1	52.2	53.6
30°	37.0	39.6	41.9	43.9	45.9	47.6	49.2	50.5	51.6	52.9	54.3
28.75°	37.8	40.5	42.6	44.6	46.5	48.2	49.8	51.0	52.1	53.5	54.9
27.5°	38.5	41.1	43.2	45.3	47.1	48.8	50.3	51.4	52.7	54.1	55.6
26.25°	39.3	41.7	43.8	45.9	47.6	49.4	50.7	51.9	53.2	54.7	56.1
25°	39.9	42.3	44.4	46.4	48.2	49.9	51.1	52.3	53.8	55.3	56.6
23.75°	40.6	42.8	45.0	46.9	48.7	50.2	51.5	52.8	54.3	55.8	57.1
22.5°	41.1	43.3	45.5	47.4	49.2	50.6	51.8	53.3	54.8	56.3	57.5
21.25°	41.6	43.8	46.0	47.8	49.7	50.9	52.2	53.7	55.3	56.7	57.9
20°	42.0	44.3	46.4	48.2	50.0	51.2	52.6	54.2	55.8	57.1	58.3
18.75°	42.4	44.7	46.7	48.7	50.3	51.6	53.0	54.6	56.1	57.4	58.7
17.5°	42.8	45.1	47.1	49.0	50.5	51.8	53.3	55.0	56.5	57.8	59.0
16.25°	43.2	45.5	47.4	49.4	50.8	52.1	53.7	55.3	56.8	58.1	59.4
15°	43.5	45.8	47.8	49.7	51.0	52.3	54.0	55.7	57.0	58.4	59.7
13.75°	43.8	46.1	48.1	49.9	51.2	52.6	54.3	56.0	57.3	58.6	60.0
12.5°	44.1	46.3	48.3	50.1	51.4	52.9	54.6	56.2	57.5	58.9	60.2
11.25°	44.4	46.6	48.6	50.3	51.6	53.1	54.8	56.4	57.8	59.1	60.5
10°	44.6	46.8	48.8	50.4	51.8	53.3	55.0	56.6	58.0	59.3	60.7
8.75°	44.8	47.0	49.0	50.5	51.9	53.5	55.2	56.8	58.1	59.5	60.9
7.5°	45.0	47.1	49.1	50.7	52.1	53.7	55.4	56.9	58.3	59.7	61.0
6.25°	45.2	47.2	49.3	50.8	52.2	53.8	55.6	57.0	58.4	59.8	61.2
5°	45.3	47.4	49.4	50.9	52.2	53.9	55.7	57.1	58.5	59.9	61.3
3.75°	45.4	47.4	49.5	50.9	52.3	54.0	55.8	57.2	58.6	60.0	61.4
2.5°	45.4	47.5	49.5	51.0	52.4	54.1	55.8	57.3	58.7	60.1	61.4
1.25°	45.5	47.5	49.6	51.0	52.4	54.1	55.9	57.3	58.7	60.1	61.5
0°	45.5	47.6	49.6	51.0	52.4	54.2	55.9	57.3	58.7	60.1	61.5
-1.25°	45.5	47.5	49.6	51.0	52.4	54.1	55.9	57.3	58.7	60.1	61.5
-2.5°	45.4	47.5	49.5	51.0	52.4	54.1	55.8	57.3	58.7	60.1	61.4
-3.75°	45.4	47.4	49.5	50.9	52.3	54.0	55.8	57.2	58.6	60.0	61.4
-5°	45.3	47.4	49.4	50.9	52.2	53.9	55.7	57.1	58.5	59.9	61.3
-6.25°	45.2	47.2	49.3	50.8	52.2	53.8	55.6	57.0	58.4	59.8	61.2
-7.5°	45.0	47.1	49.1	50.7	52.1	53.7	55.4	56.9	58.3	59.7	61.0
-8.75°	44.8	47.0	49.0	50.5	51.9	53.5	55.2	56.8	58.1	59.5	60.9
-10°	44.6	46.8	48.8	50.4	51.8	53.3	55.0	56.6	58.0	59.3	60.7
-11.25°	44.4	46.6	48.6	50.3	51.6	53.1	54.8	56.4	57.8	59.1	60.5
-12.5°	44.1	46.3	48.3	50.1	51.4	52.9	54.6	56.2	57.5	58.9	60.2
-13.75°	43.8	46.1	48.1	49.9	51.2	52.6	54.3	56.0	57.3	58.6	60.0
-15°	43.5	45.8	47.8	49.7	51.0	52.3	54.0	55.7	57.0	58.4	59.7
-16.25°	43.2	45.5	47.4	49.4	50.8	52.1	53.7	55.3	56.8	58.1	59.4
-17.5°	42.8	45.1	47.1	49.0	50.5	51.8	53.3	55.0	56.5	57.8	59.0
-18.75°	42.4	44.7	46.7	48.7	50.3	51.6	53.0	54.6	56.1	57.4	58.7
-20°	42.0	44.3	46.4	48.2	50.0	51.2	52.6	54.2	55.8	57.1	58.3
-21.25°	41.6	43.8	46.0	47.8	49.7	50.9	52.2	53.7	55.3	56.7	57.9



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	41.1	43.3	45.5	47.4	49.2	50.6	51.8	53.3	54.8	56.3	57.5
-23.75°	40.6	42.8	45.0	46.9	48.7	50.2	51.5	52.8	54.3	55.8	57.1
-25°	39.9	42.3	44.4	46.4	48.2	49.9	51.1	52.3	53.8	55.3	56.6
-26.25°	39.3	41.7	43.8	45.9	47.6	49.4	50.7	51.9	53.2	54.7	56.1
-27.5°	38.5	41.1	43.2	45.3	47.1	48.8	50.3	51.4	52.7	54.1	55.6
-28.75°	37.8	40.5	42.6	44.6	46.5	48.2	49.8	51.0	52.1	53.5	54.9
-30°	37.0	39.6	41.9	43.9	45.9	47.6	49.2	50.5	51.6	52.9	54.3
-31.25°	36.2	38.8	41.2	43.2	45.2	46.9	48.6	50.0	51.1	52.2	53.6
-32.5°	35.4	37.9	40.5	42.5	44.4	46.2	47.8	49.5	50.6	51.7	52.9
-33.75°	34.5	37.0	39.5	41.7	43.6	45.5	47.1	48.7	50.1	51.1	52.2
-35°	33.8	36.1	38.5	40.9	42.8	44.7	46.4	47.9	49.5	50.5	51.6
-36.25°	33.0	35.1	37.5	39.9	41.9	43.8	45.6	47.1	48.6	50.0	51.0
-37.5°	32.3	34.2	36.5	38.8	41.1	42.9	44.7	46.3	47.8	49.2	50.3
-38.75°	31.6	33.4	35.4	37.7	40.0	41.9	43.7	45.4	46.9	48.3	49.7
-40°	30.8	32.6	34.4	36.6	38.8	41.0	42.7	44.4	46.0	47.4	48.8
-41.25°	30.0	31.8	33.5	35.5	37.6	39.8	41.7	43.3	45.0	46.4	47.8
-42.5°	29.2	30.9	32.6	34.3	36.4	38.5	40.6	42.3	43.9	45.5	46.8
-43.75°	28.2	30.0	31.7	33.3	35.2	37.2	39.3	41.2	42.7	44.3	45.8
-45°	27.3	29.1	30.8	32.4	34.0	35.9	37.9	39.9	41.6	43.1	44.6
-46.25°	26.3	28.1	29.8	31.4	32.9	34.5	36.5	38.4	40.3	41.9	43.3
-47.5°	25.3	27.1	28.8	30.4	31.9	33.4	35.1	36.9	38.8	40.6	42.0
-48.75°	24.3	26.0	27.7	29.4	30.9	32.3	33.8	35.4	37.2	39.0	40.7
-50°	23.5	24.9	26.6	28.2	29.8	31.2	32.6	34.0	35.6	37.4	39.1
-51.25°	23.0	23.8	25.5	27.0	28.6	30.1	31.4	32.8	34.1	35.7	37.4
-52.5°	22.5	23.3	24.3	25.8	27.4	28.9	30.3	31.6	32.8	34.1	35.6
-53.75°	21.9	22.7	23.5	24.6	26.1	27.6	29.0	30.3	31.6	32.8	34.0
-55°	21.4	22.1	22.9	23.6	24.8	26.2	27.6	29.0	30.3	31.4	32.6
-56.25°	20.8	21.6	22.3	23.0	23.7	24.9	26.2	27.6	28.9	30.1	31.2
-57.5°	20.3	21.0	21.7	22.3	23.0	23.7	24.8	26.1	27.4	28.6	29.8
-58.75°	19.7	20.4	21.0	21.7	22.3	23.0	23.6	24.6	25.8	27.0	28.2
-60°	19.2	19.8	20.4	21.0	21.7	22.3	22.9	23.5	24.3	25.5	26.6
-61.25°	18.6	19.2	19.8	20.4	21.0	21.6	22.1	22.7	23.3	23.8	24.9
-62.5°	18.0	18.6	19.2	19.7	20.3	20.8	21.4	21.9	22.5	23.0	23.5
-63.75°	17.4	18.0	18.5	19.1	19.6	20.1	20.7	21.2	21.7	22.2	22.7
-65°	16.8	17.3	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9
-66.25°	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.6	20.1	20.6	21.0
-67.5°	15.6	16.1	16.6	17.0	17.5	17.9	18.4	18.8	19.3	19.7	20.1
-68.75°	14.9	15.4	15.9	16.3	16.8	17.2	17.6	18.1	18.5	18.9	19.3
-70°	14.1	14.7	15.2	15.6	16.1	16.5	16.9	17.3	17.7	18.0	18.4
-71.25°	13.3	13.9	14.3	14.8	15.3	15.7	16.1	16.5	16.8	17.2	17.6
-72.5°	12.6	13.0	13.5	14.0	14.4	14.9	15.3	15.7	16.0	16.4	16.7
-73.75°	11.8	12.2	12.7	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.8
-75°	10.8	11.3	11.8	12.2	12.6	13.0	13.4	13.7	14.1	14.5	14.8
-76.25°	9.9	10.3	10.8	11.2	11.6	12.0	12.4	12.7	13.0	13.4	13.7
-77.5°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.0	12.3	12.6



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	8.0	8.3	8.7	9.1	9.4	9.8	10.1	10.4	10.8	11.1	11.4
-80°	7.0	7.3	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1
-81.25°	6.1	6.3	6.6	6.9	7.2	7.4	7.7	8.0	8.2	8.5	8.7
-82.5°	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	7.0	7.2	7.4
-83.75°	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0
-85°	3.2	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.7
-86.25°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-87.5°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2
-88.75°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
-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: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
87.5°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8
86.25°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.4
85°	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1
83.75°	6.2	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8
82.5°	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.1	9.3	9.5
81.25°	9.0	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1
80°	10.3	10.6	10.9	11.1	11.4	11.7	11.9	12.1	12.3	12.5	12.7
78.75°	11.7	12.0	12.3	12.5	12.7	13.0	13.2	13.4	13.7	13.9	14.1
77.5°	12.9	13.2	13.5	13.7	14.0	14.3	14.5	14.8	15.0	15.2	15.5
76.25°	14.0	14.3	14.6	14.9	15.2	15.5	15.7	15.9	16.2	16.4	16.6
75°	15.2	15.5	15.7	16.0	16.3	16.5	16.8	17.0	17.2	17.5	17.7
73.75°	16.1	16.4	16.7	17.0	17.3	17.5	17.8	18.1	18.3	18.6	18.8
72.5°	17.0	17.3	17.6	17.9	18.3	18.5	18.8	19.1	19.4	19.7	19.9
71.25°	17.9	18.2	18.6	18.9	19.2	19.6	19.9	20.2	20.5	20.7	21.0
70°	18.8	19.2	19.5	19.9	20.2	20.6	20.9	21.2	21.5	21.8	22.1
68.75°	19.7	20.1	20.5	20.8	21.2	21.6	21.9	22.3	22.6	22.9	23.2
67.5°	20.6	21.0	21.4	21.8	22.2	22.6	22.9	23.3	23.6	24.2	24.9
66.25°	21.4	21.9	22.3	22.7	23.1	23.5	24.1	24.9	25.6	26.3	27.1
65°	22.3	22.8	23.2	23.7	24.4	25.3	26.1	26.9	27.7	28.5	29.2
63.75°	23.2	23.7	24.5	25.4	26.3	27.2	28.1	29.0	29.7	30.5	31.2
62.5°	24.3	25.3	26.3	27.3	28.2	29.2	30.0	30.8	31.6	32.3	33.0
61.25°	26.0	27.1	28.1	29.1	30.0	30.9	31.8	32.6	33.4	34.2	35.1
60°	27.7	28.8	29.8	30.8	31.7	32.6	33.5	34.4	35.4	36.5	37.5
58.75°	29.4	30.4	31.4	32.4	33.3	34.3	35.5	36.6	37.7	38.8	39.9
57.5°	30.9	31.9	32.9	34.0	35.2	36.4	37.6	38.8	40.0	41.1	41.9
56.25°	32.3	33.4	34.5	35.9	37.2	38.5	39.8	41.0	41.9	42.9	43.8
55°	33.8	35.1	36.5	37.9	39.3	40.6	41.7	42.7	43.7	44.7	45.6
53.75°	35.4	36.9	38.4	39.9	41.2	42.3	43.3	44.4	45.4	46.3	47.1
52.5°	37.2	38.8	40.3	41.6	42.7	43.9	45.0	46.0	46.9	47.8	48.6
51.25°	39.0	40.6	41.9	43.1	44.3	45.5	46.4	47.4	48.3	49.2	50.0
50°	40.7	42.0	43.3	44.6	45.8	46.8	47.8	48.8	49.7	50.3	51.0
48.75°	42.1	43.4	44.8	46.0	47.0	48.1	49.1	50.0	50.7	51.3	52.0
47.5°	43.4	44.8	46.1	47.2	48.3	49.4	50.2	50.9	51.6	52.3	53.1
46.25°	44.8	46.1	47.3	48.4	49.5	50.3	51.1	51.8	52.6	53.5	54.4
45°	46.0	47.2	48.4	49.6	50.4	51.2	52.0	52.8	53.8	54.7	55.6
43.75°	47.0	48.3	49.5	50.4	51.2	52.0	53.0	53.9	54.9	55.9	56.6
42.5°	48.1	49.4	50.3	51.2	52.0	53.0	54.0	55.0	56.0	56.8	57.6
41.25°	49.1	50.2	51.1	52.0	53.0	54.0	55.1	56.1	56.9	57.7	58.5
40°	50.0	50.9	51.8	52.8	53.9	55.0	56.1	56.9	57.8	58.6	59.4
38.75°	50.7	51.6	52.6	53.8	54.9	56.0	56.9	57.8	58.7	59.5	60.3
37.5°	51.3	52.3	53.5	54.7	55.9	56.8	57.7	58.6	59.5	60.4	61.2
36.25°	52.0	53.1	54.4	55.6	56.6	57.6	58.5	59.4	60.3	61.2	62.8
35°	52.7	53.9	55.2	56.3	57.3	58.3	59.3	60.2	61.2	62.7	64.5



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	53.4	54.7	56.0	57.0	58.0	59.0	60.0	61.0	62.5	64.4	66.2
32.5°	54.2	55.5	56.7	57.7	58.7	59.8	60.8	62.1	64.0	66.0	69.4
31.25°	54.9	56.2	57.3	58.4	59.4	60.5	61.5	63.5	65.6	68.4	74.1
30°	55.6	56.8	57.9	59.0	60.1	61.1	62.9	65.0	67.1	72.9	78.7
28.75°	56.3	57.4	58.5	59.6	60.7	62.1	64.3	66.4	71.2	77.2	83.2
27.5°	56.8	57.9	59.1	60.2	61.3	63.4	65.6	69.1	75.3	81.4	90.7
26.25°	57.3	58.5	59.6	60.8	62.4	64.6	66.9	72.9	79.2	87.2	98.0
25°	57.8	59.0	60.2	61.3	63.5	65.8	70.0	76.6	83.0	94.1	105.2
23.75°	58.3	59.5	60.7	62.2	64.6	67.0	73.4	80.1	89.3	100.7	112.1
22.5°	58.7	60.0	61.2	63.3	65.7	69.9	76.7	83.8	95.5	107.1	119.0
21.25°	59.2	60.4	61.8	64.2	66.7	72.9	79.9	89.4	101.4	113.3	125.6
20°	59.6	60.8	62.7	65.2	68.7	75.8	82.9	94.9	107.0	119.4	132.0
18.75°	60.0	61.2	63.5	66.1	71.3	78.6	87.6	100.0	112.4	125.2	138.0
17.5°	60.3	61.8	64.3	66.9	73.8	81.1	92.3	104.9	117.7	130.8	144.7
16.25°	60.7	62.5	65.1	68.7	76.2	83.9	96.7	109.5	122.7	135.9	151.6
15°	61.0	63.1	65.8	70.8	78.3	87.8	100.8	113.9	127.3	140.9	158.1
13.75°	61.3	63.8	66.4	72.8	80.4	91.5	104.6	118.0	131.7	146.7	164.2
12.5°	61.7	64.3	67.0	74.6	82.2	94.8	108.1	121.8	135.7	152.1	169.8
11.25°	62.2	64.9	68.4	76.2	84.5	97.9	111.3	125.3	139.3	156.9	174.9
10°	62.6	65.3	69.8	77.6	87.1	100.7	114.3	128.5	143.2	161.4	179.5
8.75°	63.0	65.7	71.1	78.9	89.4	103.1	117.0	131.3	146.9	165.3	183.6
7.5°	63.3	66.1	72.1	80.1	91.5	105.2	119.3	133.7	150.2	168.7	187.2
6.25°	63.6	66.4	73.1	81.0	93.2	107.1	121.3	135.8	153.0	171.6	190.2
5°	63.9	66.7	73.8	81.8	94.7	108.5	122.9	137.5	155.3	174.0	192.7
3.75°	64.1	66.8	74.4	82.4	95.8	109.7	124.2	138.8	157.1	175.9	194.7
2.5°	64.2	67.0	74.8	82.8	96.6	110.5	125.1	139.7	158.4	177.2	196.1
1.25°	64.3	67.1	75.1	83.1	97.0	111.0	125.7	140.3	159.1	178.0	196.9
0°	64.3	67.1	75.1	83.1	97.0	111.0	125.7	140.3	159.1	178.0	196.9
-1.25°	64.3	67.1	75.1	83.1	97.0	111.0	125.7	140.3	159.1	178.0	196.9
-2.5°	64.2	67.0	74.8	82.8	96.6	110.5	125.1	139.7	158.4	177.2	196.1
-3.75°	64.1	66.8	74.4	82.4	95.8	109.7	124.2	138.8	157.1	175.9	194.7
-5°	63.9	66.7	73.8	81.8	94.7	108.5	122.9	137.5	155.3	174.0	192.7
-6.25°	63.6	66.4	73.1	81.0	93.2	107.1	121.3	135.8	153.0	171.6	190.2
-7.5°	63.3	66.1	72.1	80.1	91.5	105.2	119.3	133.7	150.2	168.7	187.2
-8.75°	63.0	65.7	71.1	78.9	89.4	103.1	117.0	131.3	146.9	165.3	183.6
-10°	62.6	65.3	69.8	77.6	87.1	100.7	114.3	128.5	143.2	161.4	179.5
-11.25°	62.2	64.9	68.4	76.2	84.5	97.9	111.3	125.3	139.3	156.9	174.9
-12.5°	61.7	64.3	67.0	74.6	82.2	94.8	108.1	121.8	135.7	152.1	169.8
-13.75°	61.3	63.8	66.4	72.8	80.4	91.5	104.6	118.0	131.7	146.7	164.2
-15°	61.0	63.1	65.8	70.8	78.3	87.8	100.8	113.9	127.3	140.9	158.1
-16.25°	60.7	62.5	65.1	68.7	76.2	83.9	96.7	109.5	122.7	135.9	151.6
-17.5°	60.3	61.8	64.3	66.9	73.8	81.1	92.3	104.9	117.7	130.8	144.7
-18.75°	60.0	61.2	63.5	66.1	71.3	78.6	87.6	100.0	112.4	125.2	138.0
-20°	59.6	60.8	62.7	65.2	68.7	75.8	82.9	94.9	107.0	119.4	132.0
-21.25°	59.2	60.4	61.8	64.2	66.7	72.9	79.9	89.4	101.4	113.3	125.6



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	58.7	60.0	61.2	63.3	65.7	69.9	76.7	83.8	95.5	107.1	119.0
-23.75°	58.3	59.5	60.7	62.2	64.6	67.0	73.4	80.1	89.3	100.7	112.1
-25°	57.8	59.0	60.2	61.3	63.5	65.8	70.0	76.6	83.0	94.1	105.2
-26.25°	57.3	58.5	59.6	60.8	62.4	64.6	66.9	72.9	79.2	87.2	98.0
-27.5°	56.8	57.9	59.1	60.2	61.3	63.4	65.6	69.1	75.3	81.4	90.7
-28.75°	56.3	57.4	58.5	59.6	60.7	62.1	64.3	66.4	71.2	77.2	83.2
-30°	55.6	56.8	57.9	59.0	60.1	61.1	62.9	65.0	67.1	72.9	78.7
-31.25°	54.9	56.2	57.3	58.4	59.4	60.5	61.5	63.5	65.6	68.4	74.1
-32.5°	54.2	55.5	56.7	57.7	58.7	59.8	60.8	62.1	64.0	66.0	69.4
-33.75°	53.4	54.7	56.0	57.0	58.0	59.0	60.0	61.0	62.5	64.4	66.2
-35°	52.7	53.9	55.2	56.3	57.3	58.3	59.3	60.2	61.2	62.7	64.5
-36.25°	52.0	53.1	54.4	55.6	56.6	57.6	58.5	59.4	60.3	61.2	62.8
-37.5°	51.3	52.3	53.5	54.7	55.9	56.8	57.7	58.6	59.5	60.4	61.2
-38.75°	50.7	51.6	52.6	53.8	54.9	56.0	56.9	57.8	58.7	59.5	60.3
-40°	50.0	50.9	51.8	52.8	53.9	55.0	56.1	56.9	57.8	58.6	59.4
-41.25°	49.1	50.2	51.1	52.0	53.0	54.0	55.1	56.1	56.9	57.7	58.5
-42.5°	48.1	49.4	50.3	51.2	52.0	53.0	54.0	55.0	56.0	56.8	57.6
-43.75°	47.0	48.3	49.5	50.4	51.2	52.0	53.0	53.9	54.9	55.9	56.6
-45°	46.0	47.2	48.4	49.6	50.4	51.2	52.0	52.8	53.8	54.7	55.6
-46.25°	44.8	46.1	47.3	48.4	49.5	50.3	51.1	51.8	52.6	53.5	54.4
-47.5°	43.4	44.8	46.1	47.2	48.3	49.4	50.2	50.9	51.6	52.3	53.1
-48.75°	42.1	43.4	44.8	46.0	47.0	48.1	49.1	50.0	50.7	51.3	52.0
-50°	40.7	42.0	43.3	44.6	45.8	46.8	47.8	48.8	49.7	50.3	51.0
-51.25°	39.0	40.6	41.9	43.1	44.3	45.5	46.4	47.4	48.3	49.2	50.0
-52.5°	37.2	38.8	40.3	41.6	42.7	43.9	45.0	46.0	46.9	47.8	48.6
-53.75°	35.4	36.9	38.4	39.9	41.2	42.3	43.3	44.4	45.4	46.3	47.1
-55°	33.8	35.1	36.5	37.9	39.3	40.6	41.7	42.7	43.7	44.7	45.6
-56.25°	32.3	33.4	34.5	35.9	37.2	38.5	39.8	41.0	41.9	42.9	43.8
-57.5°	30.9	31.9	32.9	34.0	35.2	36.4	37.6	38.8	40.0	41.1	41.9
-58.75°	29.4	30.4	31.4	32.4	33.3	34.3	35.5	36.6	37.7	38.8	39.9
-60°	27.7	28.8	29.8	30.8	31.7	32.6	33.5	34.4	35.4	36.5	37.5
-61.25°	26.0	27.1	28.1	29.1	30.0	30.9	31.8	32.6	33.4	34.2	35.1
-62.5°	24.3	25.3	26.3	27.3	28.2	29.2	30.0	30.8	31.6	32.3	33.0
-63.75°	23.2	23.7	24.5	25.4	26.3	27.2	28.1	29.0	29.7	30.5	31.2
-65°	22.3	22.8	23.2	23.7	24.4	25.3	26.1	26.9	27.7	28.5	29.2
-66.25°	21.4	21.9	22.3	22.7	23.1	23.5	24.1	24.9	25.6	26.3	27.1
-67.5°	20.6	21.0	21.4	21.8	22.2	22.6	22.9	23.3	23.6	24.2	24.9
-68.75°	19.7	20.1	20.5	20.8	21.2	21.6	21.9	22.3	22.6	22.9	23.2
-70°	18.8	19.2	19.5	19.9	20.2	20.6	20.9	21.2	21.5	21.8	22.1
-71.25°	17.9	18.2	18.6	18.9	19.2	19.6	19.9	20.2	20.5	20.7	21.0
-72.5°	17.0	17.3	17.6	17.9	18.3	18.5	18.8	19.1	19.4	19.7	19.9
-73.75°	16.1	16.4	16.7	17.0	17.3	17.5	17.8	18.1	18.3	18.6	18.8
-75°	15.2	15.5	15.7	16.0	16.3	16.5	16.8	17.0	17.2	17.5	17.7
-76.25°	14.0	14.3	14.6	14.9	15.2	15.5	15.7	15.9	16.2	16.4	16.6
-77.5°	12.9	13.2	13.5	13.7	14.0	14.3	14.5	14.8	15.0	15.2	15.5



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	11.7	12.0	12.3	12.5	12.7	13.0	13.2	13.4	13.7	13.9	14.1
-80°	10.3	10.6	10.9	11.1	11.4	11.7	11.9	12.1	12.3	12.5	12.7
-81.25°	9.0	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1
-82.5°	7.6	7.8	8.0	8.2	8.4	8.6	8.8	8.9	9.1	9.3	9.5
-83.75°	6.2	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8
-85°	4.8	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1
-86.25°	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.2	4.3	4.4
-87.5°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8
-88.75°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
87.5°	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
86.25°	4.5	4.5	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1
85°	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1
83.75°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
82.5°	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.8	10.9
81.25°	11.3	11.5	11.7	11.9	12.0	12.1	12.3	12.4	12.5	12.6	12.7
80°	12.8	13.0	13.2	13.4	13.5	13.7	13.8	13.9	14.1	14.2	14.3
78.75°	14.3	14.5	14.7	14.8	15.0	15.2	15.4	15.5	15.6	15.7	15.8
77.5°	15.6	15.8	16.0	16.1	16.3	16.5	16.6	16.7	16.9	17.0	17.1
76.25°	16.8	17.0	17.2	17.3	17.5	17.7	17.8	18.0	18.1	18.3	18.4
75°	17.9	18.1	18.3	18.5	18.7	18.9	19.1	19.2	19.4	19.5	19.7
73.75°	19.0	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.8	21.0
72.5°	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	21.9	22.1	22.3
71.25°	21.3	21.6	21.8	22.1	22.3	22.5	22.8	23.0	23.2	23.4	23.5
70°	22.4	22.7	23.0	23.2	23.5	23.7	24.2	24.6	25.0	25.5	25.9
68.75°	23.5	23.9	24.5	25.0	25.6	26.1	26.6	27.1	27.6	28.0	28.4
67.5°	25.5	26.2	26.8	27.4	28.0	28.5	29.0	29.5	30.0	30.4	30.8
66.25°	27.7	28.4	29.1	29.7	30.2	30.7	31.2	31.7	32.2	32.6	33.0
65°	29.9	30.5	31.1	31.7	32.3	32.8	33.4	33.9	34.4	34.9	35.5
63.75°	31.8	32.5	33.1	33.7	34.4	35.1	35.8	36.5	37.2	37.8	38.4
62.5°	33.8	34.5	35.4	36.2	37.0	37.8	38.5	39.3	39.9	40.6	41.1
61.25°	36.1	37.0	37.9	38.8	39.6	40.5	41.1	41.7	42.3	42.8	43.3
60°	38.5	39.5	40.5	41.2	41.9	42.6	43.2	43.8	44.4	45.0	45.5
58.75°	40.9	41.7	42.5	43.2	43.9	44.6	45.3	45.9	46.4	46.9	47.4
57.5°	42.8	43.6	44.4	45.2	45.9	46.5	47.1	47.6	48.2	48.7	49.2
56.25°	44.7	45.5	46.2	46.9	47.6	48.2	48.8	49.4	49.9	50.2	50.6
55°	46.4	47.1	47.8	48.6	49.2	49.8	50.3	50.7	51.1	51.5	51.8
53.75°	47.9	48.7	49.5	50.0	50.5	51.0	51.4	51.9	52.3	52.8	53.3
52.5°	49.5	50.1	50.6	51.1	51.6	52.1	52.7	53.2	53.8	54.3	54.8
51.25°	50.5	51.1	51.7	52.2	52.9	53.5	54.1	54.7	55.3	55.8	56.3
50°	51.6	52.2	52.9	53.6	54.3	54.9	55.6	56.1	56.6	57.1	57.5
48.75°	52.7	53.4	54.2	54.9	55.6	56.3	56.8	57.3	57.8	58.3	58.7
47.5°	53.9	54.7	55.5	56.2	56.8	57.4	57.9	58.5	59.0	59.5	60.0
46.25°	55.2	56.0	56.7	57.3	57.9	58.5	59.1	59.6	60.2	60.7	61.2
45°	56.3	57.0	57.7	58.4	59.0	59.6	60.2	60.8	61.3	62.2	63.3
43.75°	57.3	58.0	58.7	59.4	60.1	60.7	61.3	62.4	63.5	64.6	65.7
42.5°	58.3	59.0	59.8	60.5	61.1	62.1	63.4	64.6	65.8	67.0	69.9
41.25°	59.3	60.0	60.8	61.5	62.9	64.3	65.6	66.9	70.0	73.4	76.7
40°	60.2	61.0	62.1	63.5	65.0	66.4	69.1	72.9	76.6	80.1	83.8
38.75°	61.2	62.5	64.0	65.6	67.1	71.2	75.3	79.2	83.0	89.3	95.5
37.5°	62.7	64.4	66.0	68.4	72.9	77.2	81.4	87.2	94.1	100.7	107.1
36.25°	64.5	66.2	69.4	74.1	78.7	83.2	90.7	98.0	105.2	112.1	119.0
35°	66.3	69.9	74.8	79.7	85.3	93.3	101.1	108.7	116.3	123.8	130.9



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	69.9	75.1	80.2	86.6	95.1	103.4	111.4	119.7	127.6	135.3	143.4
32.5°	74.8	80.2	87.0	96.0	104.7	113.3	122.1	130.5	138.8	148.5	158.4
31.25°	79.7	86.6	96.0	105.1	114.3	123.5	132.5	141.4	152.4	163.0	173.3
30°	85.3	95.1	104.7	114.3	124.0	133.5	143.4	155.0	166.4	177.3	188.0
28.75°	93.3	103.4	113.3	123.5	133.5	144.0	156.3	168.4	180.1	191.4	202.4
27.5°	101.1	111.4	122.1	132.5	143.4	156.3	169.0	181.4	193.5	205.2	216.8
26.25°	108.7	119.7	130.5	141.4	155.0	168.4	181.4	194.2	206.6	219.7	235.6
25°	116.3	127.6	138.8	152.4	166.4	180.1	193.5	206.6	220.7	237.6	254.0
23.75°	123.8	135.3	148.5	163.0	177.3	191.4	205.2	219.7	237.6	255.0	272.8
22.5°	130.9	143.4	158.4	173.3	188.0	202.4	216.8	235.6	254.0	272.8	293.0
21.25°	137.8	152.6	168.0	183.2	198.2	213.0	231.6	251.0	270.4	291.7	312.6
20°	145.5	161.4	177.1	192.7	208.1	225.7	245.9	265.8	288.1	310.1	332.6
18.75°	153.6	169.8	185.9	201.8	218.0	238.9	259.6	282.0	305.1	328.1	354.3
17.5°	161.3	177.8	194.1	210.4	230.1	251.5	273.6	297.7	321.4	347.7	386.9
16.25°	168.5	185.3	202.0	219.4	241.5	263.4	287.9	312.6	338.7	374.4	433.9
15°	175.3	192.4	209.3	229.7	252.3	275.8	301.4	326.8	357.2	407.4	489.5
13.75°	181.6	199.0	216.2	239.4	262.4	287.9	314.0	342.1	382.7	453.7	553.3
12.5°	187.4	205.0	224.8	248.3	272.4	299.2	325.8	358.2	413.9	504.9	618.2
11.25°	192.8	210.6	232.6	256.5	282.3	309.5	338.3	379.1	452.0	557.4	680.5
10°	197.6	215.6	239.7	263.9	291.2	318.9	349.6	399.3	491.3	609.7	740.7
8.75°	201.9	221.5	246.0	271.0	299.2	327.5	363.7	428.9	532.2	658.3	795.0
7.5°	205.6	226.8	251.6	277.7	306.2	335.9	378.0	454.9	568.2	702.2	841.0
6.25°	208.8	231.3	256.3	283.4	312.1	343.2	390.1	478.7	602.6	741.1	880.4
5°	211.4	235.0	260.2	288.1	317.1	349.2	402.8	502.9	631.3	773.4	913.0
3.75°	213.5	237.9	263.2	291.8	320.9	354.3	416.5	521.9	653.9	798.8	936.6
2.5°	214.9	239.9	265.4	294.4	323.7	359.6	426.4	535.5	670.1	816.3	953.5
1.25°	215.8	241.2	266.7	296.0	325.3	362.9	432.3	543.7	679.9	826.8	963.6
0°	216.1	241.6	267.1	296.5	325.9	364.0	434.3	546.5	683.2	830.3	967.1
-1.25°	215.8	241.2	266.7	296.0	325.3	362.9	432.3	543.7	679.9	826.8	963.6
-2.5°	214.9	239.9	265.4	294.4	323.7	359.6	426.4	535.5	670.1	816.3	953.5
-3.75°	213.5	237.9	263.2	291.8	320.9	354.3	416.5	521.9	653.9	798.8	936.6
-5°	211.4	235.0	260.2	288.1	317.1	349.2	402.8	502.9	631.3	773.4	913.0
-6.25°	208.8	231.3	256.3	283.4	312.1	343.2	390.1	478.7	602.6	741.1	880.4
-7.5°	205.6	226.8	251.6	277.7	306.2	335.9	378.0	454.9	568.2	702.2	841.0
-8.75°	201.9	221.5	246.0	271.0	299.2	327.5	363.7	428.9	532.2	658.3	795.0
-10°	197.6	215.6	239.7	263.9	291.2	318.9	349.6	399.3	491.3	609.7	740.7
-11.25°	192.8	210.6	232.6	256.5	282.3	309.5	338.3	379.1	452.0	557.4	680.5
-12.5°	187.4	205.0	224.8	248.3	272.4	299.2	325.8	358.2	413.9	504.9	618.2
-13.75°	181.6	199.0	216.2	239.4	262.4	287.9	314.0	342.1	382.7	453.7	553.3
-15°	175.3	192.4	209.3	229.7	252.3	275.8	301.4	326.8	357.2	407.4	489.5
-16.25°	168.5	185.3	202.0	219.4	241.5	263.4	287.9	312.6	338.7	374.4	433.9
-17.5°	161.3	177.8	194.1	210.4	230.1	251.5	273.6	297.7	321.4	347.7	386.9
-18.75°	153.6	169.8	185.9	201.8	218.0	238.9	259.6	282.0	305.1	328.1	354.3
-20°	145.5	161.4	177.1	192.7	208.1	225.7	245.9	265.8	288.1	310.1	332.6
-21.25°	137.8	152.6	168.0	183.2	198.2	213.0	231.6	251.0	270.4	291.7	312.6



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	130.9	143.4	158.4	173.3	188.0	202.4	216.8	235.6	254.0	272.8	293.0
-23.75°	123.8	135.3	148.5	163.0	177.3	191.4	205.2	219.7	237.6	255.0	272.8
-25°	116.3	127.6	138.8	152.4	166.4	180.1	193.5	206.6	220.7	237.6	254.0
-26.25°	108.7	119.7	130.5	141.4	155.0	168.4	181.4	194.2	206.6	219.7	235.6
-27.5°	101.1	111.4	122.1	132.5	143.4	156.3	169.0	181.4	193.5	205.2	216.8
-28.75°	93.3	103.4	113.3	123.5	133.5	144.0	156.3	168.4	180.1	191.4	202.4
-30°	85.3	95.1	104.7	114.3	124.0	133.5	143.4	155.0	166.4	177.3	188.0
-31.25°	79.7	86.6	96.0	105.1	114.3	123.5	132.5	141.4	152.4	163.0	173.3
-32.5°	74.8	80.2	87.0	96.0	104.7	113.3	122.1	130.5	138.8	148.5	158.4
-33.75°	69.9	75.1	80.2	86.6	95.1	103.4	111.4	119.7	127.6	135.3	143.4
-35°	66.3	69.9	74.8	79.7	85.3	93.3	101.1	108.7	116.3	123.8	130.9
-36.25°	64.5	66.2	69.4	74.1	78.7	83.2	90.7	98.0	105.2	112.1	119.0
-37.5°	62.7	64.4	66.0	68.4	72.9	77.2	81.4	87.2	94.1	100.7	107.1
-38.75°	61.2	62.5	64.0	65.6	67.1	71.2	75.3	79.2	83.0	89.3	95.5
-40°	60.2	61.0	62.1	63.5	65.0	66.4	69.1	72.9	76.6	80.1	83.8
-41.25°	59.3	60.0	60.8	61.5	62.9	64.3	65.6	66.9	70.0	73.4	76.7
-42.5°	58.3	59.0	59.8	60.5	61.1	62.1	63.4	64.6	65.8	67.0	69.9
-43.75°	57.3	58.0	58.7	59.4	60.1	60.7	61.3	62.4	63.5	64.6	65.7
-45°	56.3	57.0	57.7	58.4	59.0	59.6	60.2	60.8	61.3	62.2	63.3
-46.25°	55.2	56.0	56.7	57.3	57.9	58.5	59.1	59.6	60.2	60.7	61.2
-47.5°	53.9	54.7	55.5	56.2	56.8	57.4	57.9	58.5	59.0	59.5	60.0
-48.75°	52.7	53.4	54.2	54.9	55.6	56.3	56.8	57.3	57.8	58.3	58.7
-50°	51.6	52.2	52.9	53.6	54.3	54.9	55.6	56.1	56.6	57.1	57.5
-51.25°	50.5	51.1	51.7	52.2	52.9	53.5	54.1	54.7	55.3	55.8	56.3
-52.5°	49.5	50.1	50.6	51.1	51.6	52.1	52.7	53.2	53.8	54.3	54.8
-53.75°	47.9	48.7	49.5	50.0	50.5	51.0	51.4	51.9	52.3	52.8	53.3
-55°	46.4	47.1	47.8	48.6	49.2	49.8	50.3	50.7	51.1	51.5	51.8
-56.25°	44.7	45.5	46.2	46.9	47.6	48.2	48.8	49.4	49.9	50.2	50.6
-57.5°	42.8	43.6	44.4	45.2	45.9	46.5	47.1	47.6	48.2	48.7	49.2
-58.75°	40.9	41.7	42.5	43.2	43.9	44.6	45.3	45.9	46.4	46.9	47.4
-60°	38.5	39.5	40.5	41.2	41.9	42.6	43.2	43.8	44.4	45.0	45.5
-61.25°	36.1	37.0	37.9	38.8	39.6	40.5	41.1	41.7	42.3	42.8	43.3
-62.5°	33.8	34.5	35.4	36.2	37.0	37.8	38.5	39.3	39.9	40.6	41.1
-63.75°	31.8	32.5	33.1	33.7	34.4	35.1	35.8	36.5	37.2	37.8	38.4
-65°	29.9	30.5	31.1	31.7	32.3	32.8	33.4	33.9	34.4	34.9	35.5
-66.25°	27.7	28.4	29.1	29.7	30.2	30.7	31.2	31.7	32.2	32.6	33.0
-67.5°	25.5	26.2	26.8	27.4	28.0	28.5	29.0	29.5	30.0	30.4	30.8
-68.75°	23.5	23.9	24.5	25.0	25.6	26.1	26.6	27.1	27.6	28.0	28.4
-70°	22.4	22.7	23.0	23.2	23.5	23.7	24.2	24.6	25.0	25.5	25.9
-71.25°	21.3	21.6	21.8	22.1	22.3	22.5	22.8	23.0	23.2	23.4	23.5
-72.5°	20.2	20.4	20.7	20.9	21.1	21.3	21.5	21.7	21.9	22.1	22.3
-73.75°	19.0	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.8	21.0
-75°	17.9	18.1	18.3	18.5	18.7	18.9	19.1	19.2	19.4	19.5	19.7
-76.25°	16.8	17.0	17.2	17.3	17.5	17.7	17.8	18.0	18.1	18.3	18.4
-77.5°	15.6	15.8	16.0	16.1	16.3	16.5	16.6	16.7	16.9	17.0	17.1



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	14.3	14.5	14.7	14.8	15.0	15.2	15.4	15.5	15.6	15.7	15.8
-80°	12.8	13.0	13.2	13.4	13.5	13.7	13.8	13.9	14.1	14.2	14.3
-81.25°	11.3	11.5	11.7	11.9	12.0	12.1	12.3	12.4	12.5	12.6	12.7
-82.5°	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.8	10.9
-83.75°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
-85°	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1
-86.25°	4.5	4.5	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1
-87.5°	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
-88.75°	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
87.5°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
86.25°	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.5
85°	7.1	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6
83.75°	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.6	9.7
82.5°	11.0	11.1	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7	11.8
81.25°	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.4	13.4	13.5	13.5
80°	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.1	15.2	15.2
78.75°	15.9	16.0	16.1	16.2	16.3	16.4	16.4	16.5	16.6	16.6	16.7
77.5°	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	17.9	18.0	18.0
76.25°	18.5	18.7	18.8	18.9	19.0	19.1	19.2	19.2	19.3	19.4	19.4
75°	19.8	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.7	20.8
73.75°	21.1	21.3	21.4	21.5	21.7	21.8	21.9	22.0	22.0	22.1	22.2
72.5°	22.4	22.6	22.7	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6
71.25°	23.7	24.0	24.3	24.6	24.9	25.1	25.4	25.6	25.8	25.9	26.1
70°	26.2	26.6	26.9	27.2	27.5	27.8	28.1	28.3	28.5	28.7	28.9
68.75°	28.8	29.2	29.5	29.8	30.1	30.4	30.6	30.8	31.0	31.2	31.3
67.5°	31.2	31.5	31.8	32.2	32.4	32.7	33.0	33.2	33.4	33.6	33.8
66.25°	33.4	33.8	34.1	34.5	34.9	35.3	35.6	35.9	36.2	36.5	36.7
65°	36.1	36.6	37.0	37.5	37.9	38.3	38.7	39.0	39.3	39.6	39.8
63.75°	38.9	39.5	40.0	40.5	40.8	41.2	41.5	41.7	42.0	42.2	42.4
62.5°	41.6	42.0	42.4	42.8	43.2	43.5	43.8	44.1	44.4	44.6	44.8
61.25°	43.8	44.3	44.7	45.1	45.5	45.8	46.1	46.3	46.6	46.8	47.0
60°	46.0	46.4	46.7	47.1	47.4	47.8	48.1	48.3	48.6	48.8	49.0
58.75°	47.8	48.2	48.7	49.0	49.4	49.7	49.9	50.1	50.3	50.4	50.5
57.5°	49.7	50.0	50.3	50.5	50.8	51.0	51.2	51.4	51.6	51.8	51.9
56.25°	50.9	51.2	51.6	51.8	52.1	52.3	52.6	52.9	53.1	53.3	53.5
55°	52.2	52.6	53.0	53.3	53.7	54.0	54.3	54.6	54.8	55.0	55.2
53.75°	53.7	54.2	54.6	55.0	55.3	55.7	56.0	56.2	56.4	56.6	56.8
52.5°	55.3	55.8	56.1	56.5	56.8	57.0	57.3	57.5	57.8	58.0	58.1
51.25°	56.7	57.1	57.4	57.8	58.1	58.4	58.6	58.9	59.1	59.3	59.5
50°	57.9	58.3	58.7	59.0	59.4	59.7	60.0	60.2	60.5	60.7	60.9
48.75°	59.2	59.6	60.0	60.3	60.7	61.0	61.3	61.7	62.2	62.6	63.0
47.5°	60.4	60.8	61.2	61.8	62.5	63.1	63.8	64.3	64.9	65.3	65.7
46.25°	61.8	62.7	63.5	64.3	65.1	65.8	66.4	67.0	68.4	69.8	71.1
45°	64.2	65.2	66.1	66.9	68.7	70.8	72.8	74.6	76.2	77.6	78.9
43.75°	66.7	68.7	71.3	73.8	76.2	78.3	80.4	82.2	84.5	87.1	89.4
42.5°	72.9	75.8	78.6	81.1	83.9	87.8	91.5	94.8	97.9	100.7	103.1
41.25°	79.9	82.9	87.6	92.3	96.7	100.8	104.6	108.1	111.3	114.3	117.0
40°	89.4	94.9	100.0	104.9	109.5	113.9	118.0	121.8	125.3	128.5	131.3
38.75°	101.4	107.0	112.4	117.7	122.7	127.3	131.7	135.7	139.3	143.2	146.9
37.5°	113.3	119.4	125.2	130.8	135.9	140.9	146.7	152.1	156.9	161.4	165.3
36.25°	125.6	132.0	138.0	144.7	151.6	158.1	164.2	169.8	174.9	179.5	183.6
35°	137.8	145.5	153.6	161.3	168.5	175.3	181.6	187.4	192.8	197.6	201.9



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	152.6	161.4	169.8	177.8	185.3	192.4	199.0	205.0	210.6	215.6	221.5
32.5°	168.0	177.1	185.9	194.1	202.0	209.3	216.2	224.8	232.6	239.7	246.0
31.25°	183.2	192.7	201.8	210.4	219.4	229.7	239.4	248.3	256.5	263.9	271.0
30°	198.2	208.1	218.0	230.1	241.5	252.3	262.4	272.4	282.3	291.2	299.2
28.75°	213.0	225.7	238.9	251.5	263.4	275.8	287.9	299.2	309.5	318.9	327.5
27.5°	231.6	245.9	259.6	273.6	287.9	301.4	314.0	325.8	338.3	349.6	363.7
26.25°	251.0	265.8	282.0	297.7	312.6	326.8	342.1	358.2	379.1	399.3	428.9
25°	270.4	288.1	305.1	321.4	338.7	357.2	382.7	413.9	452.0	491.3	532.2
23.75°	291.7	310.1	328.1	347.7	374.4	407.4	453.7	504.9	557.4	609.7	658.3
22.5°	312.6	332.6	354.3	386.9	433.9	489.5	553.3	618.2	680.5	740.7	795.0
21.25°	334.1	359.2	394.4	451.8	519.6	592.7	667.9	741.8	810.9	871.5	925.3
20°	359.2	397.2	460.8	537.8	620.8	705.3	788.9	864.5	932.5	991.0	1038.2
18.75°	394.4	460.8	544.0	635.0	728.5	819.9	903.5	976.4	1038.0	1085.9	1118.4
17.5°	451.8	537.8	635.0	736.3	835.2	926.2	1006.2	1067.7	1114.1	1146.3	1172.1
16.25°	519.6	620.8	728.5	835.2	933.4	1020.7	1085.8	1130.0	1164.5	1193.9	1222.0
15°	592.7	705.3	819.9	926.2	1020.7	1091.9	1138.0	1175.2	1209.4	1242.2	1272.1
13.75°	667.9	788.9	903.5	1006.2	1085.8	1138.0	1178.8	1217.3	1254.5	1289.1	1321.1
12.5°	741.8	864.5	976.4	1067.7	1130.0	1175.2	1217.3	1258.6	1297.8	1334.7	1367.2
11.25°	810.9	932.5	1038.0	1114.1	1164.5	1209.4	1254.5	1297.8	1339.0	1376.4	1416.8
10°	871.5	991.0	1085.9	1146.3	1193.9	1242.2	1289.1	1334.7	1376.4	1422.5	1467.8
8.75°	925.3	1038.2	1118.4	1172.1	1222.0	1272.1	1321.1	1367.2	1416.8	1467.8	1517.2
7.5°	969.5	1074.6	1142.9	1194.6	1247.2	1299.0	1349.2	1400.0	1455.1	1510.3	1561.2
6.25°	1007.5	1103.5	1162.2	1215.1	1269.1	1322.5	1373.3	1430.4	1489.9	1547.6	1598.5
5°	1034.6	1120.1	1177.5	1232.2	1287.4	1341.9	1396.5	1457.6	1520.0	1578.1	1628.9
3.75°	1053.9	1133.2	1189.5	1245.8	1302.0	1356.9	1415.5	1479.5	1543.8	1601.4	1651.1
2.5°	1067.9	1142.7	1198.5	1255.6	1312.7	1367.9	1429.5	1495.7	1560.4	1618.2	1667.4
1.25°	1076.3	1148.4	1204.0	1261.6	1319.1	1374.6	1438.4	1505.7	1570.6	1628.5	1676.8
0°	1079.1	1150.3	1205.9	1263.6	1321.3	1376.8	1441.4	1509.0	1574.0	1632.0	1679.8
-1.25°	1076.3	1148.4	1204.0	1261.6	1319.1	1374.6	1438.4	1505.7	1570.6	1628.5	1676.8
-2.5°	1067.9	1142.7	1198.5	1255.6	1312.7	1367.9	1429.5	1495.7	1560.4	1618.2	1667.4
-3.75°	1053.9	1133.2	1189.5	1245.8	1302.0	1356.9	1415.5	1479.5	1543.8	1601.4	1651.1
-5°	1034.6	1120.1	1177.5	1232.2	1287.4	1341.9	1396.5	1457.6	1520.0	1578.1	1628.9
-6.25°	1007.5	1103.5	1162.2	1215.1	1269.1	1322.5	1373.3	1430.4	1489.9	1547.6	1598.5
-7.5°	969.5	1074.6	1142.9	1194.6	1247.2	1299.0	1349.2	1400.0	1455.1	1510.3	1561.2
-8.75°	925.3	1038.2	1118.4	1172.1	1222.0	1272.1	1321.1	1367.2	1416.8	1467.8	1517.2
-10°	871.5	991.0	1085.9	1146.3	1193.9	1242.2	1289.1	1334.7	1376.4	1422.5	1467.8
-11.25°	810.9	932.5	1038.0	1114.1	1164.5	1209.4	1254.5	1297.8	1339.0	1376.4	1416.8
-12.5°	741.8	864.5	976.4	1067.7	1130.0	1175.2	1217.3	1258.6	1297.8	1334.7	1367.2
-13.75°	667.9	788.9	903.5	1006.2	1085.8	1138.0	1178.8	1217.3	1254.5	1289.1	1321.1
-15°	592.7	705.3	819.9	926.2	1020.7	1091.9	1138.0	1175.2	1209.4	1242.2	1272.1
-16.25°	519.6	620.8	728.5	835.2	933.4	1020.7	1085.8	1130.0	1164.5	1193.9	1222.0
-17.5°	451.8	537.8	635.0	736.3	835.2	926.2	1006.2	1067.7	1114.1	1146.3	1172.1
-18.75°	394.4	460.8	544.0	635.0	728.5	819.9	903.5	976.4	1038.0	1085.9	1118.4
-20°	359.2	397.2	460.8	537.8	620.8	705.3	788.9	864.5	932.5	991.0	1038.2
-21.25°	334.1	359.2	394.4	451.8	519.6	592.7	667.9	741.8	810.9	871.5	925.3



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	312.6	332.6	354.3	386.9	433.9	489.5	553.3	618.2	680.5	740.7	795.0
-23.75°	291.7	310.1	328.1	347.7	374.4	407.4	453.7	504.9	557.4	609.7	658.3
-25°	270.4	288.1	305.1	321.4	338.7	357.2	382.7	413.9	452.0	491.3	532.2
-26.25°	251.0	265.8	282.0	297.7	312.6	326.8	342.1	358.2	379.1	399.3	428.9
-27.5°	231.6	245.9	259.6	273.6	287.9	301.4	314.0	325.8	338.3	349.6	363.7
-28.75°	213.0	225.7	238.9	251.5	263.4	275.8	287.9	299.2	309.5	318.9	327.5
-30°	198.2	208.1	218.0	230.1	241.5	252.3	262.4	272.4	282.3	291.2	299.2
-31.25°	183.2	192.7	201.8	210.4	219.4	229.7	239.4	248.3	256.5	263.9	271.0
-32.5°	168.0	177.1	185.9	194.1	202.0	209.3	216.2	224.8	232.6	239.7	246.0
-33.75°	152.6	161.4	169.8	177.8	185.3	192.4	199.0	205.0	210.6	215.6	221.5
-35°	137.8	145.5	153.6	161.3	168.5	175.3	181.6	187.4	192.8	197.6	201.9
-36.25°	125.6	132.0	138.0	144.7	151.6	158.1	164.2	169.8	174.9	179.5	183.6
-37.5°	113.3	119.4	125.2	130.8	135.9	140.9	146.7	152.1	156.9	161.4	165.3
-38.75°	101.4	107.0	112.4	117.7	122.7	127.3	131.7	135.7	139.3	143.2	146.9
-40°	89.4	94.9	100.0	104.9	109.5	113.9	118.0	121.8	125.3	128.5	131.3
-41.25°	79.9	82.9	87.6	92.3	96.7	100.8	104.6	108.1	111.3	114.3	117.0
-42.5°	72.9	75.8	78.6	81.1	83.9	87.8	91.5	94.8	97.9	100.7	103.1
-43.75°	66.7	68.7	71.3	73.8	76.2	78.3	80.4	82.2	84.5	87.1	89.4
-45°	64.2	65.2	66.1	66.9	68.7	70.8	72.8	74.6	76.2	77.6	78.9
-46.25°	61.8	62.7	63.5	64.3	65.1	65.8	66.4	67.0	68.4	69.8	71.1
-47.5°	60.4	60.8	61.2	61.8	62.5	63.1	63.8	64.3	64.9	65.3	65.7
-48.75°	59.2	59.6	60.0	60.3	60.7	61.0	61.3	61.7	62.2	62.6	63.0
-50°	57.9	58.3	58.7	59.0	59.4	59.7	60.0	60.2	60.5	60.7	60.9
-51.25°	56.7	57.1	57.4	57.8	58.1	58.4	58.6	58.9	59.1	59.3	59.5
-52.5°	55.3	55.8	56.1	56.5	56.8	57.0	57.3	57.5	57.8	58.0	58.1
-53.75°	53.7	54.2	54.6	55.0	55.3	55.7	56.0	56.2	56.4	56.6	56.8
-55°	52.2	52.6	53.0	53.3	53.7	54.0	54.3	54.6	54.8	55.0	55.2
-56.25°	50.9	51.2	51.6	51.8	52.1	52.3	52.6	52.9	53.1	53.3	53.5
-57.5°	49.7	50.0	50.3	50.5	50.8	51.0	51.2	51.4	51.6	51.8	51.9
-58.75°	47.8	48.2	48.7	49.0	49.4	49.7	49.9	50.1	50.3	50.4	50.5
-60°	46.0	46.4	46.7	47.1	47.4	47.8	48.1	48.3	48.6	48.8	49.0
-61.25°	43.8	44.3	44.7	45.1	45.5	45.8	46.1	46.3	46.6	46.8	47.0
-62.5°	41.6	42.0	42.4	42.8	43.2	43.5	43.8	44.1	44.4	44.6	44.8
-63.75°	38.9	39.5	40.0	40.5	40.8	41.2	41.5	41.7	42.0	42.2	42.4
-65°	36.1	36.6	37.0	37.5	37.9	38.3	38.7	39.0	39.3	39.6	39.8
-66.25°	33.4	33.8	34.1	34.5	34.9	35.3	35.6	35.9	36.2	36.5	36.7
-67.5°	31.2	31.5	31.8	32.2	32.4	32.7	33.0	33.2	33.4	33.6	33.8
-68.75°	28.8	29.2	29.5	29.8	30.1	30.4	30.6	30.8	31.0	31.2	31.3
-70°	26.2	26.6	26.9	27.2	27.5	27.8	28.1	28.3	28.5	28.7	28.9
-71.25°	23.7	24.0	24.3	24.6	24.9	25.1	25.4	25.6	25.8	25.9	26.1
-72.5°	22.4	22.6	22.7	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6
-73.75°	21.1	21.3	21.4	21.5	21.7	21.8	21.9	22.0	22.0	22.1	22.2
-75°	19.8	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.7	20.8
-76.25°	18.5	18.7	18.8	18.9	19.0	19.1	19.2	19.2	19.3	19.4	19.4
-77.5°	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	17.9	18.0	18.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	15.9	16.0	16.1	16.2	16.3	16.4	16.4	16.5	16.6	16.6	16.7
-80°	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.1	15.2	15.2
-81.25°	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.4	13.4	13.5	13.5
-82.5°	11.0	11.1	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7	11.8
-83.75°	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.6	9.6	9.6	9.7
-85°	7.1	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.6	7.6
-86.25°	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.5
-87.5°	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.5
-88.75°	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
86.25°	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
85°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
83.75°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
82.5°	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
81.25°	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.6	13.6
80°	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.3
78.75°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
77.5°	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.1
76.25°	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5
75°	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.9
73.75°	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.3
72.5°	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
71.25°	26.2	26.3	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.5	26.4
70°	29.0	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.3	29.2
68.75°	31.5	31.6	31.7	31.8	31.8	31.8	31.9	31.8	31.8	31.8	31.7
67.5°	33.9	34.0	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.2	34.1
66.25°	36.9	37.1	37.2	37.3	37.4	37.4	37.5	37.4	37.4	37.3	37.2
65°	40.0	40.2	40.3	40.5	40.5	40.6	40.6	40.6	40.5	40.5	40.3
63.75°	42.6	42.7	42.8	42.9	43.0	43.0	43.1	43.0	43.0	42.9	42.8
62.5°	45.0	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.4	45.4	45.3
61.25°	47.1	47.2	47.4	47.4	47.5	47.5	47.6	47.5	47.5	47.4	47.4
60°	49.1	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.5	49.5	49.4
58.75°	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	50.9	50.9
57.5°	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.3	52.2
56.25°	53.7	53.8	53.9	54.0	54.1	54.1	54.2	54.1	54.1	54.0	53.9
55°	55.4	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.8	55.8	55.7
53.75°	56.9	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.2	57.1
52.5°	58.3	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.6	58.5
51.25°	59.7	59.8	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.0	59.9
50°	61.0	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.4	61.4	61.3
48.75°	63.3	63.6	63.9	64.1	64.2	64.3	64.3	64.3	64.2	64.1	63.9
47.5°	66.1	66.4	66.7	66.8	67.0	67.1	67.1	67.1	67.0	66.8	66.7
46.25°	72.1	73.1	73.8	74.4	74.8	75.1	75.1	75.1	74.8	74.4	73.8
45°	80.1	81.0	81.8	82.4	82.8	83.1	83.2	83.1	82.8	82.4	81.8
43.75°	91.5	93.2	94.7	95.8	96.6	97.0	97.2	97.0	96.6	95.8	94.7
42.5°	105.2	107.1	108.5	109.7	110.5	111.0	111.2	111.0	110.5	109.7	108.5
41.25°	119.3	121.3	122.9	124.2	125.1	125.7	125.9	125.7	125.1	124.2	122.9
40°	133.7	135.8	137.5	138.8	139.7	140.3	140.5	140.3	139.7	138.8	137.5
38.75°	150.2	153.0	155.3	157.1	158.4	159.1	159.4	159.1	158.4	157.1	155.3
37.5°	168.7	171.6	174.0	175.9	177.2	178.0	178.3	178.0	177.2	175.9	174.0
36.25°	187.2	190.2	192.7	194.7	196.1	196.9	197.2	196.9	196.1	194.7	192.7
35°	205.6	208.8	211.4	213.5	214.9	215.8	216.1	215.8	214.9	213.5	211.4



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	226.8	231.3	235.0	237.9	239.9	241.2	241.6	241.2	239.9	237.9	235.0
32.5°	251.6	256.3	260.2	263.2	265.4	266.7	267.1	266.7	265.4	263.2	260.2
31.25°	277.7	283.4	288.1	291.8	294.4	296.0	296.5	296.0	294.4	291.8	288.1
30°	306.2	312.1	317.1	320.9	323.7	325.3	325.9	325.3	323.7	320.9	317.1
28.75°	335.9	343.2	349.2	354.3	359.6	362.9	364.0	362.9	359.6	354.3	349.2
27.5°	378.0	390.1	402.8	416.5	426.4	432.3	434.3	432.3	426.4	416.5	402.8
26.25°	454.9	478.7	502.9	521.9	535.5	543.7	546.5	543.7	535.5	521.9	502.9
25°	568.2	602.6	631.3	653.9	670.1	679.9	683.2	679.9	670.1	653.9	631.3
23.75°	702.2	741.1	773.4	798.8	816.3	826.8	830.3	826.8	816.3	798.8	773.4
22.5°	841.0	880.4	913.0	936.6	953.5	963.6	967.1	963.6	953.5	936.6	913.0
21.25°	969.5	1007.5	1034.6	1053.9	1067.9	1076.3	1079.1	1076.3	1067.9	1053.9	1034.6
20°	1074.6	1103.5	1120.1	1133.2	1142.7	1148.4	1150.3	1148.4	1142.7	1133.2	1120.1
18.75°	1142.9	1162.2	1177.5	1189.5	1198.5	1204.0	1205.9	1204.0	1198.5	1189.5	1177.5
17.5°	1194.6	1215.1	1232.2	1245.8	1255.6	1261.6	1263.6	1261.6	1255.6	1245.8	1232.2
16.25°	1247.2	1269.1	1287.4	1302.0	1312.7	1319.1	1321.3	1319.1	1312.7	1302.0	1287.4
15°	1299.0	1322.5	1341.9	1356.9	1367.9	1374.6	1376.8	1374.6	1367.9	1356.9	1341.9
13.75°	1349.2	1373.3	1396.5	1415.5	1429.5	1438.4	1441.4	1438.4	1429.5	1415.5	1396.5
12.5°	1400.0	1430.4	1457.6	1479.5	1495.7	1505.7	1509.0	1505.7	1495.7	1479.5	1457.6
11.25°	1455.1	1489.9	1520.0	1543.8	1560.4	1570.6	1574.0	1570.6	1560.4	1543.8	1520.0
10°	1510.3	1547.6	1578.1	1601.4	1618.2	1628.5	1632.0	1628.5	1618.2	1601.4	1578.1
8.75°	1561.2	1598.5	1628.9	1651.1	1667.4	1676.8	1679.8	1676.8	1667.4	1651.1	1628.9
7.5°	1605.1	1641.7	1671.0	1692.5	1708.1	1716.0	1718.8	1716.0	1708.1	1692.5	1671.0
6.25°	1641.7	1677.0	1705.6	1724.5	1736.9	1743.4	1745.7	1743.4	1736.9	1724.5	1705.6
5°	1671.0	1705.6	1730.2	1745.7	1753.9	1757.9	1759.3	1757.9	1753.9	1745.7	1730.2
3.75°	1692.5	1724.5	1745.7	1756.6	1761.4	1763.5	1763.5	1763.5	1761.4	1756.6	1745.7
2.5°	1708.1	1736.9	1753.9	1761.4	1763.5	1762.9	1762.1	1762.9	1763.5	1761.4	1753.9
1.25°	1716.0	1743.4	1757.9	1763.5	1762.9	1761.0	1761.8	1761.0	1762.9	1763.5	1757.9
0°	1718.8	1745.7	1759.3	1763.5	1762.1	1761.8	1767.0	1761.8	1762.1	1763.5	1759.3
-1.25°	1716.0	1743.4	1757.9	1763.5	1762.9	1761.0	1761.8	1761.0	1762.9	1763.5	1757.9
-2.5°	1708.1	1736.9	1753.9	1761.4	1763.5	1762.9	1762.1	1762.9	1763.5	1761.4	1753.9
-3.75°	1692.5	1724.5	1745.7	1756.6	1761.4	1763.5	1763.5	1763.5	1761.4	1756.6	1745.7
-5°	1671.0	1705.6	1730.2	1745.7	1753.9	1757.9	1759.3	1757.9	1753.9	1745.7	1730.2
-6.25°	1641.7	1677.0	1705.6	1724.5	1736.9	1743.4	1745.7	1743.4	1736.9	1724.5	1705.6
-7.5°	1605.1	1641.7	1671.0	1692.5	1708.1	1716.0	1718.8	1716.0	1708.1	1692.5	1671.0
-8.75°	1561.2	1598.5	1628.9	1651.1	1667.4	1676.8	1679.8	1676.8	1667.4	1651.1	1628.9
-10°	1510.3	1547.6	1578.1	1601.4	1618.2	1628.5	1632.0	1628.5	1618.2	1601.4	1578.1
-11.25°	1455.1	1489.9	1520.0	1543.8	1560.4	1570.6	1574.0	1570.6	1560.4	1543.8	1520.0
-12.5°	1400.0	1430.4	1457.6	1479.5	1495.7	1505.7	1509.0	1505.7	1495.7	1479.5	1457.6
-13.75°	1349.2	1373.3	1396.5	1415.5	1429.5	1438.4	1441.4	1438.4	1429.5	1415.5	1396.5
-15°	1299.0	1322.5	1341.9	1356.9	1367.9	1374.6	1376.8	1374.6	1367.9	1356.9	1341.9
-16.25°	1247.2	1269.1	1287.4	1302.0	1312.7	1319.1	1321.3	1319.1	1312.7	1302.0	1287.4
-17.5°	1194.6	1215.1	1232.2	1245.8	1255.6	1261.6	1263.6	1261.6	1255.6	1245.8	1232.2
-18.75°	1142.9	1162.2	1177.5	1189.5	1198.5	1204.0	1205.9	1204.0	1198.5	1189.5	1177.5
-20°	1074.6	1103.5	1120.1	1133.2	1142.7	1148.4	1150.3	1148.4	1142.7	1133.2	1120.1
-21.25°	969.5	1007.5	1034.6	1053.9	1067.9	1076.3	1079.1	1076.3	1067.9	1053.9	1034.6



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	841.0	880.4	913.0	936.6	953.5	963.6	967.1	963.6	953.5	936.6	913.0
-23.75°	702.2	741.1	773.4	798.8	816.3	826.8	830.3	826.8	816.3	798.8	773.4
-25°	568.2	602.6	631.3	653.9	670.1	679.9	683.2	679.9	670.1	653.9	631.3
-26.25°	454.9	478.7	502.9	521.9	535.5	543.7	546.5	543.7	535.5	521.9	502.9
-27.5°	378.0	390.1	402.8	416.5	426.4	432.3	434.3	432.3	426.4	416.5	402.8
-28.75°	335.9	343.2	349.2	354.3	359.6	362.9	364.0	362.9	359.6	354.3	349.2
-30°	306.2	312.1	317.1	320.9	323.7	325.3	325.9	325.3	323.7	320.9	317.1
-31.25°	277.7	283.4	288.1	291.8	294.4	296.0	296.5	296.0	294.4	291.8	288.1
-32.5°	251.6	256.3	260.2	263.2	265.4	266.7	267.1	266.7	265.4	263.2	260.2
-33.75°	226.8	231.3	235.0	237.9	239.9	241.2	241.6	241.2	239.9	237.9	235.0
-35°	205.6	208.8	211.4	213.5	214.9	215.8	216.1	215.8	214.9	213.5	211.4
-36.25°	187.2	190.2	192.7	194.7	196.1	196.9	197.2	196.9	196.1	194.7	192.7
-37.5°	168.7	171.6	174.0	175.9	177.2	178.0	178.3	178.0	177.2	175.9	174.0
-38.75°	150.2	153.0	155.3	157.1	158.4	159.1	159.4	159.1	158.4	157.1	155.3
-40°	133.7	135.8	137.5	138.8	139.7	140.3	140.5	140.3	139.7	138.8	137.5
-41.25°	119.3	121.3	122.9	124.2	125.1	125.7	125.9	125.7	125.1	124.2	122.9
-42.5°	105.2	107.1	108.5	109.7	110.5	111.0	111.2	111.0	110.5	109.7	108.5
-43.75°	91.5	93.2	94.7	95.8	96.6	97.0	97.2	97.0	96.6	95.8	94.7
-45°	80.1	81.0	81.8	82.4	82.8	83.1	83.2	83.1	82.8	82.4	81.8
-46.25°	72.1	73.1	73.8	74.4	74.8	75.1	75.1	75.1	74.8	74.4	73.8
-47.5°	66.1	66.4	66.7	66.8	67.0	67.1	67.1	67.1	67.0	66.8	66.7
-48.75°	63.3	63.6	63.9	64.1	64.2	64.3	64.3	64.3	64.2	64.1	63.9
-50°	61.0	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.4	61.4	61.3
-51.25°	59.7	59.8	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.0	59.9
-52.5°	58.3	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.6	58.5
-53.75°	56.9	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.2	57.1
-55°	55.4	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.8	55.8	55.7
-56.25°	53.7	53.8	53.9	54.0	54.1	54.1	54.2	54.1	54.1	54.0	53.9
-57.5°	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.3	52.2
-58.75°	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	50.9	50.9
-60°	49.1	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.5	49.5	49.4
-61.25°	47.1	47.2	47.4	47.4	47.5	47.5	47.6	47.5	47.5	47.4	47.4
-62.5°	45.0	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.4	45.4	45.3
-63.75°	42.6	42.7	42.8	42.9	43.0	43.0	43.1	43.0	43.0	42.9	42.8
-65°	40.0	40.2	40.3	40.5	40.5	40.6	40.6	40.6	40.5	40.5	40.3
-66.25°	36.9	37.1	37.2	37.3	37.4	37.4	37.5	37.4	37.4	37.3	37.2
-67.5°	33.9	34.0	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.2	34.1
-68.75°	31.5	31.6	31.7	31.8	31.8	31.8	31.9	31.8	31.8	31.8	31.7
-70°	29.0	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.3	29.2
-71.25°	26.2	26.3	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.5	26.4
-72.5°	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.7
-73.75°	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.3
-75°	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.9
-76.25°	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5
-77.5°	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.1



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
-80°	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.3
-81.25°	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.6	13.6
-82.5°	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
-83.75°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-85°	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
-86.25°	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
-87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
-88.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
87.5°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
86.25°	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.3
85°	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.3
83.75°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.4	9.4	9.3	9.2
82.5°	11.8	11.8	11.8	11.7	11.7	11.6	11.5	11.5	11.4	11.3	11.2
81.25°	13.6	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.2	13.1	13.0
80°	15.3	15.3	15.2	15.2	15.1	15.1	15.0	14.9	14.8	14.7	14.6
78.75°	16.7	16.7	16.7	16.6	16.6	16.5	16.4	16.4	16.3	16.2	16.1
77.5°	18.1	18.1	18.0	18.0	17.9	17.9	17.8	17.7	17.6	17.5	17.4
76.25°	19.5	19.5	19.4	19.4	19.3	19.2	19.2	19.1	19.0	18.9	18.8
75°	20.9	20.9	20.8	20.7	20.7	20.6	20.5	20.4	20.3	20.2	20.1
73.75°	22.3	22.2	22.2	22.1	22.0	22.0	21.9	21.8	21.7	21.5	21.4
72.5°	23.7	23.6	23.6	23.5	23.4	23.3	23.2	23.1	23.0	22.9	22.7
71.25°	26.3	26.2	26.1	25.9	25.8	25.6	25.4	25.1	24.9	24.6	24.3
70°	29.1	29.0	28.9	28.7	28.5	28.3	28.1	27.8	27.5	27.2	26.9
68.75°	31.6	31.5	31.3	31.2	31.0	30.8	30.6	30.4	30.1	29.8	29.5
67.5°	34.0	33.9	33.8	33.6	33.4	33.2	33.0	32.7	32.4	32.2	31.8
66.25°	37.1	36.9	36.7	36.5	36.2	35.9	35.6	35.3	34.9	34.5	34.1
65°	40.2	40.0	39.8	39.6	39.3	39.0	38.7	38.3	37.9	37.5	37.0
63.75°	42.7	42.6	42.4	42.2	42.0	41.7	41.5	41.2	40.8	40.5	40.0
62.5°	45.2	45.0	44.8	44.6	44.4	44.1	43.8	43.5	43.2	42.8	42.4
61.25°	47.2	47.1	47.0	46.8	46.6	46.3	46.1	45.8	45.5	45.1	44.7
60°	49.3	49.1	49.0	48.8	48.6	48.3	48.1	47.8	47.4	47.1	46.7
58.75°	50.8	50.7	50.5	50.4	50.3	50.1	49.9	49.7	49.4	49.0	48.7
57.5°	52.2	52.1	51.9	51.8	51.6	51.4	51.2	51.0	50.8	50.5	50.3
56.25°	53.8	53.7	53.5	53.3	53.1	52.9	52.6	52.3	52.1	51.8	51.6
55°	55.6	55.4	55.2	55.0	54.8	54.6	54.3	54.0	53.7	53.3	53.0
53.75°	57.0	56.9	56.8	56.6	56.4	56.2	56.0	55.7	55.3	55.0	54.6
52.5°	58.4	58.3	58.1	58.0	57.8	57.5	57.3	57.0	56.8	56.5	56.1
51.25°	59.8	59.7	59.5	59.3	59.1	58.9	58.6	58.4	58.1	57.8	57.4
50°	61.2	61.0	60.9	60.7	60.5	60.2	60.0	59.7	59.4	59.0	58.7
48.75°	63.6	63.3	63.0	62.6	62.2	61.7	61.3	61.0	60.7	60.3	60.0
47.5°	66.4	66.1	65.7	65.3	64.9	64.3	63.8	63.1	62.5	61.8	61.2
46.25°	73.1	72.1	71.1	69.8	68.4	67.0	66.4	65.8	65.1	64.3	63.5
45°	81.0	80.1	78.9	77.6	76.2	74.6	72.8	70.8	68.7	66.9	66.1
43.75°	93.2	91.5	89.4	87.1	84.5	82.2	80.4	78.3	76.2	73.8	71.3
42.5°	107.1	105.2	103.1	100.7	97.9	94.8	91.5	87.8	83.9	81.1	78.6
41.25°	121.3	119.3	117.0	114.3	111.3	108.1	104.6	100.8	96.7	92.3	87.6
40°	135.8	133.7	131.3	128.5	125.3	121.8	118.0	113.9	109.5	104.9	100.0
38.75°	153.0	150.2	146.9	143.2	139.3	135.7	131.7	127.3	122.7	117.7	112.4
37.5°	171.6	168.7	165.3	161.4	156.9	152.1	146.7	140.9	135.9	130.8	125.2
36.25°	190.2	187.2	183.6	179.5	174.9	169.8	164.2	158.1	151.6	144.7	138.0
35°	208.8	205.6	201.9	197.6	192.8	187.4	181.6	175.3	168.5	161.3	153.6



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	231.3	226.8	221.5	215.6	210.6	205.0	199.0	192.4	185.3	177.8	169.8
32.5°	256.3	251.6	246.0	239.7	232.6	224.8	216.2	209.3	202.0	194.1	185.9
31.25°	283.4	277.7	271.0	263.9	256.5	248.3	239.4	229.7	219.4	210.4	201.8
30°	312.1	306.2	299.2	291.2	282.3	272.4	262.4	252.3	241.5	230.1	218.0
28.75°	343.2	335.9	327.5	318.9	309.5	299.2	287.9	275.8	263.4	251.5	238.9
27.5°	390.1	378.0	363.7	349.6	338.3	325.8	314.0	301.4	287.9	273.6	259.6
26.25°	478.7	454.9	428.9	399.3	379.1	358.2	342.1	326.8	312.6	297.7	282.0
25°	602.6	568.2	532.2	491.3	452.0	413.9	382.7	357.2	338.7	321.4	305.1
23.75°	741.1	702.2	658.3	609.7	557.4	504.9	453.7	407.4	374.4	347.7	328.1
22.5°	880.4	841.0	795.0	740.7	680.5	618.2	553.3	489.5	433.9	386.9	354.3
21.25°	1007.5	969.5	925.3	871.5	810.9	741.8	667.9	592.7	519.6	451.8	394.4
20°	1103.5	1074.6	1038.2	991.0	932.5	864.5	788.9	705.3	620.8	537.8	460.8
18.75°	1162.2	1142.9	1118.4	1085.9	1038.0	976.4	903.5	819.9	728.5	635.0	544.0
17.5°	1215.1	1194.6	1172.1	1146.3	1114.1	1067.7	1006.2	926.2	835.2	736.3	635.0
16.25°	1269.1	1247.2	1222.0	1193.9	1164.5	1130.0	1085.8	1020.7	933.4	835.2	728.5
15°	1322.5	1299.0	1272.1	1242.2	1209.4	1175.2	1138.0	1091.9	1020.7	926.2	819.9
13.75°	1373.3	1349.2	1321.1	1289.1	1254.5	1217.3	1178.8	1138.0	1085.8	1006.2	903.5
12.5°	1430.4	1400.0	1367.2	1334.7	1297.8	1258.6	1217.3	1175.2	1130.0	1067.7	976.4
11.25°	1489.9	1455.1	1416.8	1376.4	1339.0	1297.8	1254.5	1209.4	1164.5	1114.1	1038.0
10°	1547.6	1510.3	1467.8	1422.5	1376.4	1334.7	1289.1	1242.2	1193.9	1146.3	1085.9
8.75°	1598.5	1561.2	1517.2	1467.8	1416.8	1367.2	1321.1	1272.1	1222.0	1172.1	1118.4
7.5°	1641.7	1605.1	1561.2	1510.3	1455.1	1400.0	1349.2	1299.0	1247.2	1194.6	1142.9
6.25°	1677.0	1641.7	1598.5	1547.6	1489.9	1430.4	1373.3	1322.5	1269.1	1215.1	1162.2
5°	1705.6	1671.0	1628.9	1578.1	1520.0	1457.6	1396.5	1341.9	1287.4	1232.2	1177.5
3.75°	1724.5	1692.5	1651.1	1601.4	1543.8	1479.5	1415.5	1356.9	1302.0	1245.8	1189.5
2.5°	1736.9	1708.1	1667.4	1618.2	1560.4	1495.7	1429.5	1367.9	1312.7	1255.6	1198.5
1.25°	1743.4	1716.0	1676.8	1628.5	1570.6	1505.7	1438.4	1374.6	1319.1	1261.6	1204.0
0°	1745.7	1718.8	1679.8	1632.0	1574.0	1509.0	1441.4	1376.8	1321.3	1263.6	1205.9
-1.25°	1743.4	1716.0	1676.8	1628.5	1570.6	1505.7	1438.4	1374.6	1319.1	1261.6	1204.0
-2.5°	1736.9	1708.1	1667.4	1618.2	1560.4	1495.7	1429.5	1367.9	1312.7	1255.6	1198.5
-3.75°	1724.5	1692.5	1651.1	1601.4	1543.8	1479.5	1415.5	1356.9	1302.0	1245.8	1189.5
-5°	1705.6	1671.0	1628.9	1578.1	1520.0	1457.6	1396.5	1341.9	1287.4	1232.2	1177.5
-6.25°	1677.0	1641.7	1598.5	1547.6	1489.9	1430.4	1373.3	1322.5	1269.1	1215.1	1162.2
-7.5°	1641.7	1605.1	1561.2	1510.3	1455.1	1400.0	1349.2	1299.0	1247.2	1194.6	1142.9
-8.75°	1598.5	1561.2	1517.2	1467.8	1416.8	1367.2	1321.1	1272.1	1222.0	1172.1	1118.4
-10°	1547.6	1510.3	1467.8	1422.5	1376.4	1334.7	1289.1	1242.2	1193.9	1146.3	1085.9
-11.25°	1489.9	1455.1	1416.8	1376.4	1339.0	1297.8	1254.5	1209.4	1164.5	1114.1	1038.0
-12.5°	1430.4	1400.0	1367.2	1334.7	1297.8	1258.6	1217.3	1175.2	1130.0	1067.7	976.4
-13.75°	1373.3	1349.2	1321.1	1289.1	1254.5	1217.3	1178.8	1138.0	1085.8	1006.2	903.5
-15°	1322.5	1299.0	1272.1	1242.2	1209.4	1175.2	1138.0	1091.9	1020.7	926.2	819.9
-16.25°	1269.1	1247.2	1222.0	1193.9	1164.5	1130.0	1085.8	1020.7	933.4	835.2	728.5
-17.5°	1215.1	1194.6	1172.1	1146.3	1114.1	1067.7	1006.2	926.2	835.2	736.3	635.0
-18.75°	1162.2	1142.9	1118.4	1085.9	1038.0	976.4	903.5	819.9	728.5	635.0	544.0
-20°	1103.5	1074.6	1038.2	991.0	932.5	864.5	788.9	705.3	620.8	537.8	460.8
-21.25°	1007.5	969.5	925.3	871.5	810.9	741.8	667.9	592.7	519.6	451.8	394.4



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	880.4	841.0	795.0	740.7	680.5	618.2	553.3	489.5	433.9	386.9	354.3
-23.75°	741.1	702.2	658.3	609.7	557.4	504.9	453.7	407.4	374.4	347.7	328.1
-25°	602.6	568.2	532.2	491.3	452.0	413.9	382.7	357.2	338.7	321.4	305.1
-26.25°	478.7	454.9	428.9	399.3	379.1	358.2	342.1	326.8	312.6	297.7	282.0
-27.5°	390.1	378.0	363.7	349.6	338.3	325.8	314.0	301.4	287.9	273.6	259.6
-28.75°	343.2	335.9	327.5	318.9	309.5	299.2	287.9	275.8	263.4	251.5	238.9
-30°	312.1	306.2	299.2	291.2	282.3	272.4	262.4	252.3	241.5	230.1	218.0
-31.25°	283.4	277.7	271.0	263.9	256.5	248.3	239.4	229.7	219.4	210.4	201.8
-32.5°	256.3	251.6	246.0	239.7	232.6	224.8	216.2	209.3	202.0	194.1	185.9
-33.75°	231.3	226.8	221.5	215.6	210.6	205.0	199.0	192.4	185.3	177.8	169.8
-35°	208.8	205.6	201.9	197.6	192.8	187.4	181.6	175.3	168.5	161.3	153.6
-36.25°	190.2	187.2	183.6	179.5	174.9	169.8	164.2	158.1	151.6	144.7	138.0
-37.5°	171.6	168.7	165.3	161.4	156.9	152.1	146.7	140.9	135.9	130.8	125.2
-38.75°	153.0	150.2	146.9	143.2	139.3	135.7	131.7	127.3	122.7	117.7	112.4
-40°	135.8	133.7	131.3	128.5	125.3	121.8	118.0	113.9	109.5	104.9	100.0
-41.25°	121.3	119.3	117.0	114.3	111.3	108.1	104.6	100.8	96.7	92.3	87.6
-42.5°	107.1	105.2	103.1	100.7	97.9	94.8	91.5	87.8	83.9	81.1	78.6
-43.75°	93.2	91.5	89.4	87.1	84.5	82.2	80.4	78.3	76.2	73.8	71.3
-45°	81.0	80.1	78.9	77.6	76.2	74.6	72.8	70.8	68.7	66.9	66.1
-46.25°	73.1	72.1	71.1	69.8	68.4	67.0	66.4	65.8	65.1	64.3	63.5
-47.5°	66.4	66.1	65.7	65.3	64.9	64.3	63.8	63.1	62.5	61.8	61.2
-48.75°	63.6	63.3	63.0	62.6	62.2	61.7	61.3	61.0	60.7	60.3	60.0
-50°	61.2	61.0	60.9	60.7	60.5	60.2	60.0	59.7	59.4	59.0	58.7
-51.25°	59.8	59.7	59.5	59.3	59.1	58.9	58.6	58.4	58.1	57.8	57.4
-52.5°	58.4	58.3	58.1	58.0	57.8	57.5	57.3	57.0	56.8	56.5	56.1
-53.75°	57.0	56.9	56.8	56.6	56.4	56.2	56.0	55.7	55.3	55.0	54.6
-55°	55.6	55.4	55.2	55.0	54.8	54.6	54.3	54.0	53.7	53.3	53.0
-56.25°	53.8	53.7	53.5	53.3	53.1	52.9	52.6	52.3	52.1	51.8	51.6
-57.5°	52.2	52.1	51.9	51.8	51.6	51.4	51.2	51.0	50.8	50.5	50.3
-58.75°	50.8	50.7	50.5	50.4	50.3	50.1	49.9	49.7	49.4	49.0	48.7
-60°	49.3	49.1	49.0	48.8	48.6	48.3	48.1	47.8	47.4	47.1	46.7
-61.25°	47.2	47.1	47.0	46.8	46.6	46.3	46.1	45.8	45.5	45.1	44.7
-62.5°	45.2	45.0	44.8	44.6	44.4	44.1	43.8	43.5	43.2	42.8	42.4
-63.75°	42.7	42.6	42.4	42.2	42.0	41.7	41.5	41.2	40.8	40.5	40.0
-65°	40.2	40.0	39.8	39.6	39.3	39.0	38.7	38.3	37.9	37.5	37.0
-66.25°	37.1	36.9	36.7	36.5	36.2	35.9	35.6	35.3	34.9	34.5	34.1
-67.5°	34.0	33.9	33.8	33.6	33.4	33.2	33.0	32.7	32.4	32.2	31.8
-68.75°	31.6	31.5	31.3	31.2	31.0	30.8	30.6	30.4	30.1	29.8	29.5
-70°	29.1	29.0	28.9	28.7	28.5	28.3	28.1	27.8	27.5	27.2	26.9
-71.25°	26.3	26.2	26.1	25.9	25.8	25.6	25.4	25.1	24.9	24.6	24.3
-72.5°	23.7	23.6	23.6	23.5	23.4	23.3	23.2	23.1	23.0	22.9	22.7
-73.75°	22.3	22.2	22.2	22.1	22.0	22.0	21.9	21.8	21.7	21.5	21.4
-75°	20.9	20.9	20.8	20.7	20.7	20.6	20.5	20.4	20.3	20.2	20.1
-76.25°	19.5	19.5	19.4	19.4	19.3	19.2	19.2	19.1	19.0	18.9	18.8
-77.5°	18.1	18.1	18.0	18.0	17.9	17.9	17.8	17.7	17.6	17.5	17.4



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	16.7	16.7	16.7	16.6	16.6	16.5	16.4	16.4	16.3	16.2	16.1
-80°	15.3	15.3	15.2	15.2	15.1	15.1	15.0	14.9	14.8	14.7	14.6
-81.25°	13.6	13.5	13.5	13.5	13.4	13.4	13.3	13.2	13.2	13.1	13.0
-82.5°	11.8	11.8	11.8	11.7	11.7	11.6	11.5	11.5	11.4	11.3	11.2
-83.75°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.4	9.4	9.3	9.2
-85°	7.6	7.6	7.6	7.6	7.5	7.5	7.5	7.4	7.4	7.3	7.3
-86.25°	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.3
-87.5°	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3
-88.75°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
87.5°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0
86.25°	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.8	4.7	4.6
85°	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4
83.75°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
82.5°	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.3	10.2	10.1	9.9
81.25°	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.1	12.0	11.9	11.7
80°	14.5	14.4	14.3	14.2	14.1	13.9	13.8	13.7	13.5	13.4	13.2
78.75°	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.2	15.0	14.8	14.7
77.5°	17.3	17.2	17.1	17.0	16.9	16.7	16.6	16.5	16.3	16.1	16.0
76.25°	18.7	18.5	18.4	18.3	18.1	18.0	17.8	17.7	17.5	17.3	17.2
75°	20.0	19.8	19.7	19.5	19.4	19.2	19.1	18.9	18.7	18.5	18.3
73.75°	21.3	21.1	21.0	20.8	20.7	20.5	20.3	20.1	19.9	19.7	19.5
72.5°	22.6	22.4	22.3	22.1	21.9	21.7	21.5	21.3	21.1	20.9	20.7
71.25°	24.0	23.7	23.5	23.4	23.2	23.0	22.8	22.5	22.3	22.1	21.8
70°	26.6	26.2	25.9	25.5	25.0	24.6	24.2	23.7	23.5	23.2	23.0
68.75°	29.2	28.8	28.4	28.0	27.6	27.1	26.6	26.1	25.6	25.0	24.5
67.5°	31.5	31.2	30.8	30.4	30.0	29.5	29.0	28.5	28.0	27.4	26.8
66.25°	33.8	33.4	33.0	32.6	32.2	31.7	31.2	30.7	30.2	29.7	29.1
65°	36.6	36.1	35.5	34.9	34.4	33.9	33.4	32.8	32.3	31.7	31.1
63.75°	39.5	38.9	38.4	37.8	37.2	36.5	35.8	35.1	34.4	33.7	33.1
62.5°	42.0	41.6	41.1	40.6	39.9	39.3	38.5	37.8	37.0	36.2	35.4
61.25°	44.3	43.8	43.3	42.8	42.3	41.7	41.1	40.5	39.6	38.8	37.9
60°	46.4	46.0	45.5	45.0	44.4	43.8	43.2	42.6	41.9	41.2	40.5
58.75°	48.2	47.8	47.4	46.9	46.4	45.9	45.3	44.6	43.9	43.2	42.5
57.5°	50.0	49.7	49.2	48.7	48.2	47.6	47.1	46.5	45.9	45.2	44.4
56.25°	51.2	50.9	50.6	50.2	49.9	49.4	48.8	48.2	47.6	46.9	46.2
55°	52.6	52.2	51.8	51.5	51.1	50.7	50.3	49.8	49.2	48.6	47.8
53.75°	54.2	53.7	53.3	52.8	52.3	51.9	51.4	51.0	50.5	50.0	49.5
52.5°	55.8	55.3	54.8	54.3	53.8	53.2	52.7	52.1	51.6	51.1	50.6
51.25°	57.1	56.7	56.3	55.8	55.3	54.7	54.1	53.5	52.9	52.2	51.7
50°	58.3	57.9	57.5	57.1	56.6	56.1	55.6	54.9	54.3	53.6	52.9
48.75°	59.6	59.2	58.7	58.3	57.8	57.3	56.8	56.3	55.6	54.9	54.2
47.5°	60.8	60.4	60.0	59.5	59.0	58.5	57.9	57.4	56.8	56.2	55.5
46.25°	62.7	61.8	61.2	60.7	60.2	59.6	59.1	58.5	57.9	57.3	56.7
45°	65.2	64.2	63.3	62.2	61.3	60.8	60.2	59.6	59.0	58.4	57.7
43.75°	68.7	66.7	65.7	64.6	63.5	62.4	61.3	60.7	60.1	59.4	58.7
42.5°	75.8	72.9	69.9	67.0	65.8	64.6	63.4	62.1	61.1	60.5	59.8
41.25°	82.9	79.9	76.7	73.4	70.0	66.9	65.6	64.3	62.9	61.5	60.8
40°	94.9	89.4	83.8	80.1	76.6	72.9	69.1	66.4	65.0	63.5	62.1
38.75°	107.0	101.4	95.5	89.3	83.0	79.2	75.3	71.2	67.1	65.6	64.0
37.5°	119.4	113.3	107.1	100.7	94.1	87.2	81.4	77.2	72.9	68.4	66.0
36.25°	132.0	125.6	119.0	112.1	105.2	98.0	90.7	83.2	78.7	74.1	69.4
35°	145.5	137.8	130.9	123.8	116.3	108.7	101.1	93.3	85.3	79.7	74.8



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	161.4	152.6	143.4	135.3	127.6	119.7	111.4	103.4	95.1	86.6	80.2
32.5°	177.1	168.0	158.4	148.5	138.8	130.5	122.1	113.3	104.7	96.0	87.0
31.25°	192.7	183.2	173.3	163.0	152.4	141.4	132.5	123.5	114.3	105.1	96.0
30°	208.1	198.2	188.0	177.3	166.4	155.0	143.4	133.5	124.0	114.3	104.7
28.75°	225.7	213.0	202.4	191.4	180.1	168.4	156.3	144.0	133.5	123.5	113.3
27.5°	245.9	231.6	216.8	205.2	193.5	181.4	169.0	156.3	143.4	132.5	122.1
26.25°	265.8	251.0	235.6	219.7	206.6	194.2	181.4	168.4	155.0	141.4	130.5
25°	288.1	270.4	254.0	237.6	220.7	206.6	193.5	180.1	166.4	152.4	138.8
23.75°	310.1	291.7	272.8	255.0	237.6	219.7	205.2	191.4	177.3	163.0	148.5
22.5°	332.6	312.6	293.0	272.8	254.0	235.6	216.8	202.4	188.0	173.3	158.4
21.25°	359.2	334.1	312.6	291.7	270.4	251.0	231.6	213.0	198.2	183.2	168.0
20°	397.2	359.2	332.6	310.1	288.1	265.8	245.9	225.7	208.1	192.7	177.1
18.75°	460.8	394.4	354.3	328.1	305.1	282.0	259.6	238.9	218.0	201.8	185.9
17.5°	537.8	451.8	386.9	347.7	321.4	297.7	273.6	251.5	230.1	210.4	194.1
16.25°	620.8	519.6	433.9	374.4	338.7	312.6	287.9	263.4	241.5	219.4	202.0
15°	705.3	592.7	489.5	407.4	357.2	326.8	301.4	275.8	252.3	229.7	209.3
13.75°	788.9	667.9	553.3	453.7	382.7	342.1	314.0	287.9	262.4	239.4	216.2
12.5°	864.5	741.8	618.2	504.9	413.9	358.2	325.8	299.2	272.4	248.3	224.8
11.25°	932.5	810.9	680.5	557.4	452.0	379.1	338.3	309.5	282.3	256.5	232.6
10°	991.0	871.5	740.7	609.7	491.3	399.3	349.6	318.9	291.2	263.9	239.7
8.75°	1038.2	925.3	795.0	658.3	532.2	428.9	363.7	327.5	299.2	271.0	246.0
7.5°	1074.6	969.5	841.0	702.2	568.2	454.9	378.0	335.9	306.2	277.7	251.6
6.25°	1103.5	1007.5	880.4	741.1	602.6	478.7	390.1	343.2	312.1	283.4	256.3
5°	1120.1	1034.6	913.0	773.4	631.3	502.9	402.8	349.2	317.1	288.1	260.2
3.75°	1133.2	1053.9	936.6	798.8	653.9	521.9	416.5	354.3	320.9	291.8	263.2
2.5°	1142.7	1067.9	953.5	816.3	670.1	535.5	426.4	359.6	323.7	294.4	265.4
1.25°	1148.4	1076.3	963.6	826.8	679.9	543.7	432.3	362.9	325.3	296.0	266.7
0°	1150.3	1079.1	967.1	830.3	683.2	546.5	434.3	364.0	325.9	296.5	267.1
-1.25°	1148.4	1076.3	963.6	826.8	679.9	543.7	432.3	362.9	325.3	296.0	266.7
-2.5°	1142.7	1067.9	953.5	816.3	670.1	535.5	426.4	359.6	323.7	294.4	265.4
-3.75°	1133.2	1053.9	936.6	798.8	653.9	521.9	416.5	354.3	320.9	291.8	263.2
-5°	1120.1	1034.6	913.0	773.4	631.3	502.9	402.8	349.2	317.1	288.1	260.2
-6.25°	1103.5	1007.5	880.4	741.1	602.6	478.7	390.1	343.2	312.1	283.4	256.3
-7.5°	1074.6	969.5	841.0	702.2	568.2	454.9	378.0	335.9	306.2	277.7	251.6
-8.75°	1038.2	925.3	795.0	658.3	532.2	428.9	363.7	327.5	299.2	271.0	246.0
-10°	991.0	871.5	740.7	609.7	491.3	399.3	349.6	318.9	291.2	263.9	239.7
-11.25°	932.5	810.9	680.5	557.4	452.0	379.1	338.3	309.5	282.3	256.5	232.6
-12.5°	864.5	741.8	618.2	504.9	413.9	358.2	325.8	299.2	272.4	248.3	224.8
-13.75°	788.9	667.9	553.3	453.7	382.7	342.1	314.0	287.9	262.4	239.4	216.2
-15°	705.3	592.7	489.5	407.4	357.2	326.8	301.4	275.8	252.3	229.7	209.3
-16.25°	620.8	519.6	433.9	374.4	338.7	312.6	287.9	263.4	241.5	219.4	202.0
-17.5°	537.8	451.8	386.9	347.7	321.4	297.7	273.6	251.5	230.1	210.4	194.1
-18.75°	460.8	394.4	354.3	328.1	305.1	282.0	259.6	238.9	218.0	201.8	185.9
-20°	397.2	359.2	332.6	310.1	288.1	265.8	245.9	225.7	208.1	192.7	177.1
-21.25°	359.2	334.1	312.6	291.7	270.4	251.0	231.6	213.0	198.2	183.2	168.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	332.6	312.6	293.0	272.8	254.0	235.6	216.8	202.4	188.0	173.3	158.4
-23.75°	310.1	291.7	272.8	255.0	237.6	219.7	205.2	191.4	177.3	163.0	148.5
-25°	288.1	270.4	254.0	237.6	220.7	206.6	193.5	180.1	166.4	152.4	138.8
-26.25°	265.8	251.0	235.6	219.7	206.6	194.2	181.4	168.4	155.0	141.4	130.5
-27.5°	245.9	231.6	216.8	205.2	193.5	181.4	169.0	156.3	143.4	132.5	122.1
-28.75°	225.7	213.0	202.4	191.4	180.1	168.4	156.3	144.0	133.5	123.5	113.3
-30°	208.1	198.2	188.0	177.3	166.4	155.0	143.4	133.5	124.0	114.3	104.7
-31.25°	192.7	183.2	173.3	163.0	152.4	141.4	132.5	123.5	114.3	105.1	96.0
-32.5°	177.1	168.0	158.4	148.5	138.8	130.5	122.1	113.3	104.7	96.0	87.0
-33.75°	161.4	152.6	143.4	135.3	127.6	119.7	111.4	103.4	95.1	86.6	80.2
-35°	145.5	137.8	130.9	123.8	116.3	108.7	101.1	93.3	85.3	79.7	74.8
-36.25°	132.0	125.6	119.0	112.1	105.2	98.0	90.7	83.2	78.7	74.1	69.4
-37.5°	119.4	113.3	107.1	100.7	94.1	87.2	81.4	77.2	72.9	68.4	66.0
-38.75°	107.0	101.4	95.5	89.3	83.0	79.2	75.3	71.2	67.1	65.6	64.0
-40°	94.9	89.4	83.8	80.1	76.6	72.9	69.1	66.4	65.0	63.5	62.1
-41.25°	82.9	79.9	76.7	73.4	70.0	66.9	65.6	64.3	62.9	61.5	60.8
-42.5°	75.8	72.9	69.9	67.0	65.8	64.6	63.4	62.1	61.1	60.5	59.8
-43.75°	68.7	66.7	65.7	64.6	63.5	62.4	61.3	60.7	60.1	59.4	58.7
-45°	65.2	64.2	63.3	62.2	61.3	60.8	60.2	59.6	59.0	58.4	57.7
-46.25°	62.7	61.8	61.2	60.7	60.2	59.6	59.1	58.5	57.9	57.3	56.7
-47.5°	60.8	60.4	60.0	59.5	59.0	58.5	57.9	57.4	56.8	56.2	55.5
-48.75°	59.6	59.2	58.7	58.3	57.8	57.3	56.8	56.3	55.6	54.9	54.2
-50°	58.3	57.9	57.5	57.1	56.6	56.1	55.6	54.9	54.3	53.6	52.9
-51.25°	57.1	56.7	56.3	55.8	55.3	54.7	54.1	53.5	52.9	52.2	51.7
-52.5°	55.8	55.3	54.8	54.3	53.8	53.2	52.7	52.1	51.6	51.1	50.6
-53.75°	54.2	53.7	53.3	52.8	52.3	51.9	51.4	51.0	50.5	50.0	49.5
-55°	52.6	52.2	51.8	51.5	51.1	50.7	50.3	49.8	49.2	48.6	47.8
-56.25°	51.2	50.9	50.6	50.2	49.9	49.4	48.8	48.2	47.6	46.9	46.2
-57.5°	50.0	49.7	49.2	48.7	48.2	47.6	47.1	46.5	45.9	45.2	44.4
-58.75°	48.2	47.8	47.4	46.9	46.4	45.9	45.3	44.6	43.9	43.2	42.5
-60°	46.4	46.0	45.5	45.0	44.4	43.8	43.2	42.6	41.9	41.2	40.5
-61.25°	44.3	43.8	43.3	42.8	42.3	41.7	41.1	40.5	39.6	38.8	37.9
-62.5°	42.0	41.6	41.1	40.6	39.9	39.3	38.5	37.8	37.0	36.2	35.4
-63.75°	39.5	38.9	38.4	37.8	37.2	36.5	35.8	35.1	34.4	33.7	33.1
-65°	36.6	36.1	35.5	34.9	34.4	33.9	33.4	32.8	32.3	31.7	31.1
-66.25°	33.8	33.4	33.0	32.6	32.2	31.7	31.2	30.7	30.2	29.7	29.1
-67.5°	31.5	31.2	30.8	30.4	30.0	29.5	29.0	28.5	28.0	27.4	26.8
-68.75°	29.2	28.8	28.4	28.0	27.6	27.1	26.6	26.1	25.6	25.0	24.5
-70°	26.6	26.2	25.9	25.5	25.0	24.6	24.2	23.7	23.5	23.2	23.0
-71.25°	24.0	23.7	23.5	23.4	23.2	23.0	22.8	22.5	22.3	22.1	21.8
-72.5°	22.6	22.4	22.3	22.1	21.9	21.7	21.5	21.3	21.1	20.9	20.7
-73.75°	21.3	21.1	21.0	20.8	20.7	20.5	20.3	20.1	19.9	19.7	19.5
-75°	20.0	19.8	19.7	19.5	19.4	19.2	19.1	18.9	18.7	18.5	18.3
-76.25°	18.7	18.5	18.4	18.3	18.1	18.0	17.8	17.7	17.5	17.3	17.2
-77.5°	17.3	17.2	17.1	17.0	16.9	16.7	16.6	16.5	16.3	16.1	16.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	16.0	15.9	15.8	15.7	15.6	15.5	15.4	15.2	15.0	14.8	14.7
-80°	14.5	14.4	14.3	14.2	14.1	13.9	13.8	13.7	13.5	13.4	13.2
-81.25°	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.1	12.0	11.9	11.7
-82.5°	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.3	10.2	10.1	9.9
-83.75°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2
-85°	7.2	7.1	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4
-86.25°	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.8	4.7	4.6
-87.5°	3.3	3.3	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0
-88.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
87.5°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
86.25°	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.7
85°	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.2	5.1
83.75°	8.0	7.9	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.6
82.5°	9.8	9.6	9.5	9.3	9.1	8.9	8.8	8.6	8.4	8.2	8.0
81.25°	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.4
80°	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.7	11.4	11.1	10.9
78.75°	14.5	14.3	14.1	13.9	13.7	13.4	13.2	13.0	12.7	12.5	12.3
77.5°	15.8	15.6	15.5	15.2	15.0	14.8	14.5	14.3	14.0	13.7	13.5
76.25°	17.0	16.8	16.6	16.4	16.2	15.9	15.7	15.5	15.2	14.9	14.6
75°	18.1	17.9	17.7	17.5	17.2	17.0	16.8	16.5	16.3	16.0	15.7
73.75°	19.3	19.0	18.8	18.6	18.3	18.1	17.8	17.5	17.3	17.0	16.7
72.5°	20.4	20.2	19.9	19.7	19.4	19.1	18.8	18.5	18.3	17.9	17.6
71.25°	21.6	21.3	21.0	20.7	20.5	20.2	19.9	19.6	19.2	18.9	18.6
70°	22.7	22.4	22.1	21.8	21.5	21.2	20.9	20.6	20.2	19.9	19.5
68.75°	23.9	23.5	23.2	22.9	22.6	22.3	21.9	21.6	21.2	20.8	20.5
67.5°	26.2	25.5	24.9	24.2	23.6	23.3	22.9	22.6	22.2	21.8	21.4
66.25°	28.4	27.7	27.1	26.3	25.6	24.9	24.1	23.5	23.1	22.7	22.3
65°	30.5	29.9	29.2	28.5	27.7	26.9	26.1	25.3	24.4	23.7	23.2
63.75°	32.5	31.8	31.2	30.5	29.7	29.0	28.1	27.2	26.3	25.4	24.5
62.5°	34.5	33.8	33.0	32.3	31.6	30.8	30.0	29.2	28.2	27.3	26.3
61.25°	37.0	36.1	35.1	34.2	33.4	32.6	31.8	30.9	30.0	29.1	28.1
60°	39.5	38.5	37.5	36.5	35.4	34.4	33.5	32.6	31.7	30.8	29.8
58.75°	41.7	40.9	39.9	38.8	37.7	36.6	35.5	34.3	33.3	32.4	31.4
57.5°	43.6	42.8	41.9	41.1	40.0	38.8	37.6	36.4	35.2	34.0	32.9
56.25°	45.5	44.7	43.8	42.9	41.9	41.0	39.8	38.5	37.2	35.9	34.5
55°	47.1	46.4	45.6	44.7	43.7	42.7	41.7	40.6	39.3	37.9	36.5
53.75°	48.7	47.9	47.1	46.3	45.4	44.4	43.3	42.3	41.2	39.9	38.4
52.5°	50.1	49.5	48.6	47.8	46.9	46.0	45.0	43.9	42.7	41.6	40.3
51.25°	51.1	50.5	50.0	49.2	48.3	47.4	46.4	45.5	44.3	43.1	41.9
50°	52.2	51.6	51.0	50.3	49.7	48.8	47.8	46.8	45.8	44.6	43.3
48.75°	53.4	52.7	52.0	51.3	50.7	50.0	49.1	48.1	47.0	46.0	44.8
47.5°	54.7	53.9	53.1	52.3	51.6	50.9	50.2	49.4	48.3	47.2	46.1
46.25°	56.0	55.2	54.4	53.5	52.6	51.8	51.1	50.3	49.5	48.4	47.3
45°	57.0	56.3	55.6	54.7	53.8	52.8	52.0	51.2	50.4	49.6	48.4
43.75°	58.0	57.3	56.6	55.9	54.9	53.9	53.0	52.0	51.2	50.4	49.5
42.5°	59.0	58.3	57.6	56.8	56.0	55.0	54.0	53.0	52.0	51.2	50.3
41.25°	60.0	59.3	58.5	57.7	56.9	56.1	55.1	54.0	53.0	52.0	51.1
40°	61.0	60.2	59.4	58.6	57.8	56.9	56.1	55.0	53.9	52.8	51.8
38.75°	62.5	61.2	60.3	59.5	58.7	57.8	56.9	56.0	54.9	53.8	52.6
37.5°	64.4	62.7	61.2	60.4	59.5	58.6	57.7	56.8	55.9	54.7	53.5
36.25°	66.2	64.5	62.8	61.2	60.3	59.4	58.5	57.6	56.6	55.6	54.4
35°	69.9	66.3	64.5	62.7	61.2	60.2	59.3	58.3	57.3	56.3	55.2



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	75.1	69.9	66.2	64.4	62.5	61.0	60.0	59.0	58.0	57.0	56.0
32.5°	80.2	74.8	69.4	66.0	64.0	62.1	60.8	59.8	58.7	57.7	56.7
31.25°	86.6	79.7	74.1	68.4	65.6	63.5	61.5	60.5	59.4	58.4	57.3
30°	95.1	85.3	78.7	72.9	67.1	65.0	62.9	61.1	60.1	59.0	57.9
28.75°	103.4	93.3	83.2	77.2	71.2	66.4	64.3	62.1	60.7	59.6	58.5
27.5°	111.4	101.1	90.7	81.4	75.3	69.1	65.6	63.4	61.3	60.2	59.1
26.25°	119.7	108.7	98.0	87.2	79.2	72.9	66.9	64.6	62.4	60.8	59.6
25°	127.6	116.3	105.2	94.1	83.0	76.6	70.0	65.8	63.5	61.3	60.2
23.75°	135.3	123.8	112.1	100.7	89.3	80.1	73.4	67.0	64.6	62.2	60.7
22.5°	143.4	130.9	119.0	107.1	95.5	83.8	76.7	69.9	65.7	63.3	61.2
21.25°	152.6	137.8	125.6	113.3	101.4	89.4	79.9	72.9	66.7	64.2	61.8
20°	161.4	145.5	132.0	119.4	107.0	94.9	82.9	75.8	68.7	65.2	62.7
18.75°	169.8	153.6	138.0	125.2	112.4	100.0	87.6	78.6	71.3	66.1	63.5
17.5°	177.8	161.3	144.7	130.8	117.7	104.9	92.3	81.1	73.8	66.9	64.3
16.25°	185.3	168.5	151.6	135.9	122.7	109.5	96.7	83.9	76.2	68.7	65.1
15°	192.4	175.3	158.1	140.9	127.3	113.9	100.8	87.8	78.3	70.8	65.8
13.75°	199.0	181.6	164.2	146.7	131.7	118.0	104.6	91.5	80.4	72.8	66.4
12.5°	205.0	187.4	169.8	152.1	135.7	121.8	108.1	94.8	82.2	74.6	67.0
11.25°	210.6	192.8	174.9	156.9	139.3	125.3	111.3	97.9	84.5	76.2	68.4
10°	215.6	197.6	179.5	161.4	143.2	128.5	114.3	100.7	87.1	77.6	69.8
8.75°	221.5	201.9	183.6	165.3	146.9	131.3	117.0	103.1	89.4	78.9	71.1
7.5°	226.8	205.6	187.2	168.7	150.2	133.7	119.3	105.2	91.5	80.1	72.1
6.25°	231.3	208.8	190.2	171.6	153.0	135.8	121.3	107.1	93.2	81.0	73.1
5°	235.0	211.4	192.7	174.0	155.3	137.5	122.9	108.5	94.7	81.8	73.8
3.75°	237.9	213.5	194.7	175.9	157.1	138.8	124.2	109.7	95.8	82.4	74.4
2.5°	239.9	214.9	196.1	177.2	158.4	139.7	125.1	110.5	96.6	82.8	74.8
1.25°	241.2	215.8	196.9	178.0	159.1	140.3	125.7	111.0	97.0	83.1	75.1
0°	241.6	216.1	197.2	178.3	159.4	140.5	125.9	111.2	97.2	83.2	75.1
-1.25°	241.2	215.8	196.9	178.0	159.1	140.3	125.7	111.0	97.0	83.1	75.1
-2.5°	239.9	214.9	196.1	177.2	158.4	139.7	125.1	110.5	96.6	82.8	74.8
-3.75°	237.9	213.5	194.7	175.9	157.1	138.8	124.2	109.7	95.8	82.4	74.4
-5°	235.0	211.4	192.7	174.0	155.3	137.5	122.9	108.5	94.7	81.8	73.8
-6.25°	231.3	208.8	190.2	171.6	153.0	135.8	121.3	107.1	93.2	81.0	73.1
-7.5°	226.8	205.6	187.2	168.7	150.2	133.7	119.3	105.2	91.5	80.1	72.1
-8.75°	221.5	201.9	183.6	165.3	146.9	131.3	117.0	103.1	89.4	78.9	71.1
-10°	215.6	197.6	179.5	161.4	143.2	128.5	114.3	100.7	87.1	77.6	69.8
-11.25°	210.6	192.8	174.9	156.9	139.3	125.3	111.3	97.9	84.5	76.2	68.4
-12.5°	205.0	187.4	169.8	152.1	135.7	121.8	108.1	94.8	82.2	74.6	67.0
-13.75°	199.0	181.6	164.2	146.7	131.7	118.0	104.6	91.5	80.4	72.8	66.4
-15°	192.4	175.3	158.1	140.9	127.3	113.9	100.8	87.8	78.3	70.8	65.8
-16.25°	185.3	168.5	151.6	135.9	122.7	109.5	96.7	83.9	76.2	68.7	65.1
-17.5°	177.8	161.3	144.7	130.8	117.7	104.9	92.3	81.1	73.8	66.9	64.3
-18.75°	169.8	153.6	138.0	125.2	112.4	100.0	87.6	78.6	71.3	66.1	63.5
-20°	161.4	145.5	132.0	119.4	107.0	94.9	82.9	75.8	68.7	65.2	62.7
-21.25°	152.6	137.8	125.6	113.3	101.4	89.4	79.9	72.9	66.7	64.2	61.8



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	143.4	130.9	119.0	107.1	95.5	83.8	76.7	69.9	65.7	63.3	61.2
-23.75°	135.3	123.8	112.1	100.7	89.3	80.1	73.4	67.0	64.6	62.2	60.7
-25°	127.6	116.3	105.2	94.1	83.0	76.6	70.0	65.8	63.5	61.3	60.2
-26.25°	119.7	108.7	98.0	87.2	79.2	72.9	66.9	64.6	62.4	60.8	59.6
-27.5°	111.4	101.1	90.7	81.4	75.3	69.1	65.6	63.4	61.3	60.2	59.1
-28.75°	103.4	93.3	83.2	77.2	71.2	66.4	64.3	62.1	60.7	59.6	58.5
-30°	95.1	85.3	78.7	72.9	67.1	65.0	62.9	61.1	60.1	59.0	57.9
-31.25°	86.6	79.7	74.1	68.4	65.6	63.5	61.5	60.5	59.4	58.4	57.3
-32.5°	80.2	74.8	69.4	66.0	64.0	62.1	60.8	59.8	58.7	57.7	56.7
-33.75°	75.1	69.9	66.2	64.4	62.5	61.0	60.0	59.0	58.0	57.0	56.0
-35°	69.9	66.3	64.5	62.7	61.2	60.2	59.3	58.3	57.3	56.3	55.2
-36.25°	66.2	64.5	62.8	61.2	60.3	59.4	58.5	57.6	56.6	55.6	54.4
-37.5°	64.4	62.7	61.2	60.4	59.5	58.6	57.7	56.8	55.9	54.7	53.5
-38.75°	62.5	61.2	60.3	59.5	58.7	57.8	56.9	56.0	54.9	53.8	52.6
-40°	61.0	60.2	59.4	58.6	57.8	56.9	56.1	55.0	53.9	52.8	51.8
-41.25°	60.0	59.3	58.5	57.7	56.9	56.1	55.1	54.0	53.0	52.0	51.1
-42.5°	59.0	58.3	57.6	56.8	56.0	55.0	54.0	53.0	52.0	51.2	50.3
-43.75°	58.0	57.3	56.6	55.9	54.9	53.9	53.0	52.0	51.2	50.4	49.5
-45°	57.0	56.3	55.6	54.7	53.8	52.8	52.0	51.2	50.4	49.6	48.4
-46.25°	56.0	55.2	54.4	53.5	52.6	51.8	51.1	50.3	49.5	48.4	47.3
-47.5°	54.7	53.9	53.1	52.3	51.6	50.9	50.2	49.4	48.3	47.2	46.1
-48.75°	53.4	52.7	52.0	51.3	50.7	50.0	49.1	48.1	47.0	46.0	44.8
-50°	52.2	51.6	51.0	50.3	49.7	48.8	47.8	46.8	45.8	44.6	43.3
-51.25°	51.1	50.5	50.0	49.2	48.3	47.4	46.4	45.5	44.3	43.1	41.9
-52.5°	50.1	49.5	48.6	47.8	46.9	46.0	45.0	43.9	42.7	41.6	40.3
-53.75°	48.7	47.9	47.1	46.3	45.4	44.4	43.3	42.3	41.2	39.9	38.4
-55°	47.1	46.4	45.6	44.7	43.7	42.7	41.7	40.6	39.3	37.9	36.5
-56.25°	45.5	44.7	43.8	42.9	41.9	41.0	39.8	38.5	37.2	35.9	34.5
-57.5°	43.6	42.8	41.9	41.1	40.0	38.8	37.6	36.4	35.2	34.0	32.9
-58.75°	41.7	40.9	39.9	38.8	37.7	36.6	35.5	34.3	33.3	32.4	31.4
-60°	39.5	38.5	37.5	36.5	35.4	34.4	33.5	32.6	31.7	30.8	29.8
-61.25°	37.0	36.1	35.1	34.2	33.4	32.6	31.8	30.9	30.0	29.1	28.1
-62.5°	34.5	33.8	33.0	32.3	31.6	30.8	30.0	29.2	28.2	27.3	26.3
-63.75°	32.5	31.8	31.2	30.5	29.7	29.0	28.1	27.2	26.3	25.4	24.5
-65°	30.5	29.9	29.2	28.5	27.7	26.9	26.1	25.3	24.4	23.7	23.2
-66.25°	28.4	27.7	27.1	26.3	25.6	24.9	24.1	23.5	23.1	22.7	22.3
-67.5°	26.2	25.5	24.9	24.2	23.6	23.3	22.9	22.6	22.2	21.8	21.4
-68.75°	23.9	23.5	23.2	22.9	22.6	22.3	21.9	21.6	21.2	20.8	20.5
-70°	22.7	22.4	22.1	21.8	21.5	21.2	20.9	20.6	20.2	19.9	19.5
-71.25°	21.6	21.3	21.0	20.7	20.5	20.2	19.9	19.6	19.2	18.9	18.6
-72.5°	20.4	20.2	19.9	19.7	19.4	19.1	18.8	18.5	18.3	17.9	17.6
-73.75°	19.3	19.0	18.8	18.6	18.3	18.1	17.8	17.5	17.3	17.0	16.7
-75°	18.1	17.9	17.7	17.5	17.2	17.0	16.8	16.5	16.3	16.0	15.7
-76.25°	17.0	16.8	16.6	16.4	16.2	15.9	15.7	15.5	15.2	14.9	14.6
-77.5°	15.8	15.6	15.5	15.2	15.0	14.8	14.5	14.3	14.0	13.7	13.5



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	14.5	14.3	14.1	13.9	13.7	13.4	13.2	13.0	12.7	12.5	12.3
-80°	13.0	12.8	12.7	12.5	12.3	12.1	11.9	11.7	11.4	11.1	10.9
-81.25°	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.4
-82.5°	9.8	9.6	9.5	9.3	9.1	8.9	8.8	8.6	8.4	8.2	8.0
-83.75°	8.0	7.9	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.6
-85°	6.3	6.2	6.1	6.0	5.8	5.7	5.6	5.5	5.4	5.2	5.1
-86.25°	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.7
-87.5°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
-88.75°	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
-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: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
87.5°	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
86.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5
83.75°	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5
82.5°	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.6
81.25°	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.2	6.9	6.6
80°	10.6	10.3	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7
78.75°	12.0	11.7	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.1	8.7
77.5°	13.2	12.9	12.6	12.3	12.0	11.7	11.3	10.9	10.5	10.1	9.7
76.25°	14.3	14.0	13.7	13.4	13.0	12.7	12.4	12.0	11.6	11.2	10.8
75°	15.5	15.2	14.8	14.5	14.1	13.7	13.4	13.0	12.6	12.2	11.8
73.75°	16.4	16.1	15.8	15.5	15.1	14.7	14.3	13.9	13.5	13.1	12.7
72.5°	17.3	17.0	16.7	16.4	16.0	15.7	15.3	14.9	14.4	14.0	13.5
71.25°	18.2	17.9	17.6	17.2	16.8	16.5	16.1	15.7	15.3	14.8	14.3
70°	19.2	18.8	18.4	18.0	17.7	17.3	16.9	16.5	16.1	15.6	15.2
68.75°	20.1	19.7	19.3	18.9	18.5	18.1	17.6	17.2	16.8	16.3	15.9
67.5°	21.0	20.6	20.1	19.7	19.3	18.8	18.4	17.9	17.5	17.0	16.6
66.25°	21.9	21.4	21.0	20.6	20.1	19.6	19.2	18.7	18.2	17.7	17.2
65°	22.8	22.3	21.9	21.4	20.9	20.4	19.9	19.4	18.9	18.4	17.9
63.75°	23.7	23.2	22.7	22.2	21.7	21.2	20.7	20.1	19.6	19.1	18.5
62.5°	25.3	24.3	23.5	23.0	22.5	21.9	21.4	20.8	20.3	19.7	19.2
61.25°	27.1	26.0	24.9	23.8	23.3	22.7	22.1	21.6	21.0	20.4	19.8
60°	28.8	27.7	26.6	25.5	24.3	23.5	22.9	22.3	21.7	21.0	20.4
58.75°	30.4	29.4	28.2	27.0	25.8	24.6	23.6	23.0	22.3	21.7	21.0
57.5°	31.9	30.9	29.8	28.6	27.4	26.1	24.8	23.7	23.0	22.3	21.7
56.25°	33.4	32.3	31.2	30.1	28.9	27.6	26.2	24.9	23.7	23.0	22.3
55°	35.1	33.8	32.6	31.4	30.3	29.0	27.6	26.2	24.8	23.6	22.9
53.75°	36.9	35.4	34.0	32.8	31.6	30.3	29.0	27.6	26.1	24.6	23.5
52.5°	38.8	37.2	35.6	34.1	32.8	31.6	30.3	28.9	27.4	25.8	24.3
51.25°	40.6	39.0	37.4	35.7	34.1	32.8	31.4	30.1	28.6	27.0	25.5
50°	42.0	40.7	39.1	37.4	35.6	34.0	32.6	31.2	29.8	28.2	26.6
48.75°	43.4	42.1	40.7	39.0	37.2	35.4	33.8	32.3	30.9	29.4	27.7
47.5°	44.8	43.4	42.0	40.6	38.8	36.9	35.1	33.4	31.9	30.4	28.8
46.25°	46.1	44.8	43.3	41.9	40.3	38.4	36.5	34.5	32.9	31.4	29.8
45°	47.2	46.0	44.6	43.1	41.6	39.9	37.9	35.9	34.0	32.4	30.8
43.75°	48.3	47.0	45.8	44.3	42.7	41.2	39.3	37.2	35.2	33.3	31.7
42.5°	49.4	48.1	46.8	45.5	43.9	42.3	40.6	38.5	36.4	34.3	32.6
41.25°	50.2	49.1	47.8	46.4	45.0	43.3	41.7	39.8	37.6	35.5	33.5
40°	50.9	50.0	48.8	47.4	46.0	44.4	42.7	41.0	38.8	36.6	34.4
38.75°	51.6	50.7	49.7	48.3	46.9	45.4	43.7	41.9	40.0	37.7	35.4
37.5°	52.3	51.3	50.3	49.2	47.8	46.3	44.7	42.9	41.1	38.8	36.5
36.25°	53.1	52.0	51.0	50.0	48.6	47.1	45.6	43.8	41.9	39.9	37.5
35°	53.9	52.7	51.6	50.5	49.5	47.9	46.4	44.7	42.8	40.9	38.5



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	54.7	53.4	52.2	51.1	50.1	48.7	47.1	45.5	43.6	41.7	39.5
32.5°	55.5	54.2	52.9	51.7	50.6	49.5	47.8	46.2	44.4	42.5	40.5
31.25°	56.2	54.9	53.6	52.2	51.1	50.0	48.6	46.9	45.2	43.2	41.2
30°	56.8	55.6	54.3	52.9	51.6	50.5	49.2	47.6	45.9	43.9	41.9
28.75°	57.4	56.3	54.9	53.5	52.1	51.0	49.8	48.2	46.5	44.6	42.6
27.5°	57.9	56.8	55.6	54.1	52.7	51.4	50.3	48.8	47.1	45.3	43.2
26.25°	58.5	57.3	56.1	54.7	53.2	51.9	50.7	49.4	47.6	45.9	43.8
25°	59.0	57.8	56.6	55.3	53.8	52.3	51.1	49.9	48.2	46.4	44.4
23.75°	59.5	58.3	57.1	55.8	54.3	52.8	51.5	50.2	48.7	46.9	45.0
22.5°	60.0	58.7	57.5	56.3	54.8	53.3	51.8	50.6	49.2	47.4	45.5
21.25°	60.4	59.2	57.9	56.7	55.3	53.7	52.2	50.9	49.7	47.8	46.0
20°	60.8	59.6	58.3	57.1	55.8	54.2	52.6	51.2	50.0	48.2	46.4
18.75°	61.2	60.0	58.7	57.4	56.1	54.6	53.0	51.6	50.3	48.7	46.7
17.5°	61.8	60.3	59.0	57.8	56.5	55.0	53.3	51.8	50.5	49.0	47.1
16.25°	62.5	60.7	59.4	58.1	56.8	55.3	53.7	52.1	50.8	49.4	47.4
15°	63.1	61.0	59.7	58.4	57.0	55.7	54.0	52.3	51.0	49.7	47.8
13.75°	63.8	61.3	60.0	58.6	57.3	56.0	54.3	52.6	51.2	49.9	48.1
12.5°	64.3	61.7	60.2	58.9	57.5	56.2	54.6	52.9	51.4	50.1	48.3
11.25°	64.9	62.2	60.5	59.1	57.8	56.4	54.8	53.1	51.6	50.3	48.6
10°	65.3	62.6	60.7	59.3	58.0	56.6	55.0	53.3	51.8	50.4	48.8
8.75°	65.7	63.0	60.9	59.5	58.1	56.8	55.2	53.5	51.9	50.5	49.0
7.5°	66.1	63.3	61.0	59.7	58.3	56.9	55.4	53.7	52.1	50.7	49.1
6.25°	66.4	63.6	61.2	59.8	58.4	57.0	55.6	53.8	52.2	50.8	49.3
5°	66.7	63.9	61.3	59.9	58.5	57.1	55.7	53.9	52.2	50.9	49.4
3.75°	66.8	64.1	61.4	60.0	58.6	57.2	55.8	54.0	52.3	50.9	49.5
2.5°	67.0	64.2	61.4	60.1	58.7	57.3	55.8	54.1	52.4	51.0	49.5
1.25°	67.1	64.3	61.5	60.1	58.7	57.3	55.9	54.1	52.4	51.0	49.6
0°	67.1	64.3	61.5	60.1	58.7	57.3	55.9	54.2	52.4	51.0	49.6
-1.25°	67.1	64.3	61.5	60.1	58.7	57.3	55.9	54.1	52.4	51.0	49.6
-2.5°	67.0	64.2	61.4	60.1	58.7	57.3	55.8	54.1	52.4	51.0	49.5
-3.75°	66.8	64.1	61.4	60.0	58.6	57.2	55.8	54.0	52.3	50.9	49.5
-5°	66.7	63.9	61.3	59.9	58.5	57.1	55.7	53.9	52.2	50.9	49.4
-6.25°	66.4	63.6	61.2	59.8	58.4	57.0	55.6	53.8	52.2	50.8	49.3
-7.5°	66.1	63.3	61.0	59.7	58.3	56.9	55.4	53.7	52.1	50.7	49.1
-8.75°	65.7	63.0	60.9	59.5	58.1	56.8	55.2	53.5	51.9	50.5	49.0
-10°	65.3	62.6	60.7	59.3	58.0	56.6	55.0	53.3	51.8	50.4	48.8
-11.25°	64.9	62.2	60.5	59.1	57.8	56.4	54.8	53.1	51.6	50.3	48.6
-12.5°	64.3	61.7	60.2	58.9	57.5	56.2	54.6	52.9	51.4	50.1	48.3
-13.75°	63.8	61.3	60.0	58.6	57.3	56.0	54.3	52.6	51.2	49.9	48.1
-15°	63.1	61.0	59.7	58.4	57.0	55.7	54.0	52.3	51.0	49.7	47.8
-16.25°	62.5	60.7	59.4	58.1	56.8	55.3	53.7	52.1	50.8	49.4	47.4
-17.5°	61.8	60.3	59.0	57.8	56.5	55.0	53.3	51.8	50.5	49.0	47.1
-18.75°	61.2	60.0	58.7	57.4	56.1	54.6	53.0	51.6	50.3	48.7	46.7
-20°	60.8	59.6	58.3	57.1	55.8	54.2	52.6	51.2	50.0	48.2	46.4
-21.25°	60.4	59.2	57.9	56.7	55.3	53.7	52.2	50.9	49.7	47.8	46.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	60.0	58.7	57.5	56.3	54.8	53.3	51.8	50.6	49.2	47.4	45.5
-23.75°	59.5	58.3	57.1	55.8	54.3	52.8	51.5	50.2	48.7	46.9	45.0
-25°	59.0	57.8	56.6	55.3	53.8	52.3	51.1	49.9	48.2	46.4	44.4
-26.25°	58.5	57.3	56.1	54.7	53.2	51.9	50.7	49.4	47.6	45.9	43.8
-27.5°	57.9	56.8	55.6	54.1	52.7	51.4	50.3	48.8	47.1	45.3	43.2
-28.75°	57.4	56.3	54.9	53.5	52.1	51.0	49.8	48.2	46.5	44.6	42.6
-30°	56.8	55.6	54.3	52.9	51.6	50.5	49.2	47.6	45.9	43.9	41.9
-31.25°	56.2	54.9	53.6	52.2	51.1	50.0	48.6	46.9	45.2	43.2	41.2
-32.5°	55.5	54.2	52.9	51.7	50.6	49.5	47.8	46.2	44.4	42.5	40.5
-33.75°	54.7	53.4	52.2	51.1	50.1	48.7	47.1	45.5	43.6	41.7	39.5
-35°	53.9	52.7	51.6	50.5	49.5	47.9	46.4	44.7	42.8	40.9	38.5
-36.25°	53.1	52.0	51.0	50.0	48.6	47.1	45.6	43.8	41.9	39.9	37.5
-37.5°	52.3	51.3	50.3	49.2	47.8	46.3	44.7	42.9	41.1	38.8	36.5
-38.75°	51.6	50.7	49.7	48.3	46.9	45.4	43.7	41.9	40.0	37.7	35.4
-40°	50.9	50.0	48.8	47.4	46.0	44.4	42.7	41.0	38.8	36.6	34.4
-41.25°	50.2	49.1	47.8	46.4	45.0	43.3	41.7	39.8	37.6	35.5	33.5
-42.5°	49.4	48.1	46.8	45.5	43.9	42.3	40.6	38.5	36.4	34.3	32.6
-43.75°	48.3	47.0	45.8	44.3	42.7	41.2	39.3	37.2	35.2	33.3	31.7
-45°	47.2	46.0	44.6	43.1	41.6	39.9	37.9	35.9	34.0	32.4	30.8
-46.25°	46.1	44.8	43.3	41.9	40.3	38.4	36.5	34.5	32.9	31.4	29.8
-47.5°	44.8	43.4	42.0	40.6	38.8	36.9	35.1	33.4	31.9	30.4	28.8
-48.75°	43.4	42.1	40.7	39.0	37.2	35.4	33.8	32.3	30.9	29.4	27.7
-50°	42.0	40.7	39.1	37.4	35.6	34.0	32.6	31.2	29.8	28.2	26.6
-51.25°	40.6	39.0	37.4	35.7	34.1	32.8	31.4	30.1	28.6	27.0	25.5
-52.5°	38.8	37.2	35.6	34.1	32.8	31.6	30.3	28.9	27.4	25.8	24.3
-53.75°	36.9	35.4	34.0	32.8	31.6	30.3	29.0	27.6	26.1	24.6	23.5
-55°	35.1	33.8	32.6	31.4	30.3	29.0	27.6	26.2	24.8	23.6	22.9
-56.25°	33.4	32.3	31.2	30.1	28.9	27.6	26.2	24.9	23.7	23.0	22.3
-57.5°	31.9	30.9	29.8	28.6	27.4	26.1	24.8	23.7	23.0	22.3	21.7
-58.75°	30.4	29.4	28.2	27.0	25.8	24.6	23.6	23.0	22.3	21.7	21.0
-60°	28.8	27.7	26.6	25.5	24.3	23.5	22.9	22.3	21.7	21.0	20.4
-61.25°	27.1	26.0	24.9	23.8	23.3	22.7	22.1	21.6	21.0	20.4	19.8
-62.5°	25.3	24.3	23.5	23.0	22.5	21.9	21.4	20.8	20.3	19.7	19.2
-63.75°	23.7	23.2	22.7	22.2	21.7	21.2	20.7	20.1	19.6	19.1	18.5
-65°	22.8	22.3	21.9	21.4	20.9	20.4	19.9	19.4	18.9	18.4	17.9
-66.25°	21.9	21.4	21.0	20.6	20.1	19.6	19.2	18.7	18.2	17.7	17.2
-67.5°	21.0	20.6	20.1	19.7	19.3	18.8	18.4	17.9	17.5	17.0	16.6
-68.75°	20.1	19.7	19.3	18.9	18.5	18.1	17.6	17.2	16.8	16.3	15.9
-70°	19.2	18.8	18.4	18.0	17.7	17.3	16.9	16.5	16.1	15.6	15.2
-71.25°	18.2	17.9	17.6	17.2	16.8	16.5	16.1	15.7	15.3	14.8	14.3
-72.5°	17.3	17.0	16.7	16.4	16.0	15.7	15.3	14.9	14.4	14.0	13.5
-73.75°	16.4	16.1	15.8	15.5	15.1	14.7	14.3	13.9	13.5	13.1	12.7
-75°	15.5	15.2	14.8	14.5	14.1	13.7	13.4	13.0	12.6	12.2	11.8
-76.25°	14.3	14.0	13.7	13.4	13.0	12.7	12.4	12.0	11.6	11.2	10.8
-77.5°	13.2	12.9	12.6	12.3	12.0	11.7	11.3	10.9	10.5	10.1	9.7



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	12.0	11.7	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.1	8.7
-80°	10.6	10.3	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7
-81.25°	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.2	6.9	6.6
-82.5°	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.6
-83.75°	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5
-85°	5.0	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.5
-86.25°	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-87.5°	2.4	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.7
-88.75°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
87.5°	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
86.25°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
85°	3.4	3.2	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0
83.75°	4.3	4.1	3.9	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.4
82.5°	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.1	2.9
81.25°	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4
80°	7.3	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3	4.0
78.75°	8.3	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.3	5.0	4.6
77.5°	9.3	8.9	8.5	8.1	7.7	7.3	6.9	6.4	6.0	5.6	5.1
76.25°	10.3	9.9	9.4	9.0	8.5	8.1	7.6	7.1	6.7	6.2	5.7
75°	11.3	10.8	10.3	9.8	9.4	8.8	8.3	7.8	7.3	6.8	6.3
73.75°	12.2	11.8	11.2	10.7	10.2	9.6	9.1	8.5	8.0	7.4	6.8
72.5°	13.0	12.6	12.1	11.6	11.0	10.4	9.8	9.2	8.6	8.0	7.4
71.25°	13.9	13.3	12.8	12.3	11.8	11.2	10.5	9.9	9.3	8.6	8.0
70°	14.7	14.1	13.6	13.0	12.5	11.9	11.3	10.6	9.9	9.2	8.5
68.75°	15.4	14.9	14.3	13.7	13.2	12.6	12.0	11.3	10.5	9.8	9.1
67.5°	16.1	15.6	15.0	14.4	13.8	13.2	12.6	11.9	11.2	10.4	9.6
66.25°	16.7	16.2	15.7	15.1	14.5	13.8	13.2	12.5	11.8	11.0	10.2
65°	17.3	16.8	16.3	15.7	15.1	14.4	13.7	13.0	12.3	11.6	10.7
63.75°	18.0	17.4	16.8	16.3	15.7	15.0	14.3	13.6	12.8	12.1	11.2
62.5°	18.6	18.0	17.4	16.8	16.2	15.6	14.9	14.1	13.3	12.6	11.8
61.25°	19.2	18.6	18.0	17.3	16.7	16.1	15.4	14.7	13.9	13.0	12.2
60°	19.8	19.2	18.5	17.9	17.2	16.6	15.9	15.2	14.3	13.5	12.7
58.75°	20.4	19.7	19.1	18.4	17.7	17.0	16.3	15.6	14.8	14.0	13.1
57.5°	21.0	20.3	19.6	18.9	18.2	17.5	16.8	16.1	15.3	14.4	13.5
56.25°	21.6	20.8	20.1	19.4	18.7	17.9	17.2	16.5	15.7	14.9	13.9
55°	22.1	21.4	20.7	19.9	19.2	18.4	17.6	16.9	16.1	15.3	14.3
53.75°	22.7	21.9	21.2	20.4	19.6	18.8	18.1	17.3	16.5	15.7	14.7
52.5°	23.3	22.5	21.7	20.9	20.1	19.3	18.5	17.7	16.8	16.0	15.1
51.25°	23.8	23.0	22.2	21.4	20.6	19.7	18.9	18.0	17.2	16.4	15.5
50°	24.9	23.5	22.7	21.9	21.0	20.1	19.3	18.4	17.6	16.7	15.8
48.75°	26.0	24.3	23.2	22.3	21.4	20.6	19.7	18.8	17.9	17.0	16.1
47.5°	27.1	25.3	23.7	22.8	21.9	21.0	20.1	19.2	18.2	17.3	16.4
46.25°	28.1	26.3	24.5	23.2	22.3	21.4	20.5	19.5	18.6	17.6	16.7
45°	29.1	27.3	25.4	23.7	22.7	21.8	20.8	19.9	18.9	17.9	17.0
43.75°	30.0	28.2	26.3	24.4	23.1	22.2	21.2	20.2	19.2	18.3	17.3
42.5°	30.9	29.2	27.2	25.3	23.5	22.6	21.6	20.6	19.6	18.5	17.5
41.25°	31.8	30.0	28.1	26.1	24.1	22.9	21.9	20.9	19.9	18.8	17.8
40°	32.6	30.8	29.0	26.9	24.9	23.3	22.3	21.2	20.2	19.1	18.1
38.75°	33.4	31.6	29.7	27.7	25.6	23.6	22.6	21.5	20.5	19.4	18.3
37.5°	34.2	32.3	30.5	28.5	26.3	24.2	22.9	21.8	20.7	19.7	18.6
36.25°	35.1	33.0	31.2	29.2	27.1	24.9	23.2	22.1	21.0	19.9	18.8
35°	36.1	33.8	31.8	29.9	27.7	25.5	23.5	22.4	21.3	20.2	19.0



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	37.0	34.5	32.5	30.5	28.4	26.2	23.9	22.7	21.6	20.4	19.3
32.5°	37.9	35.4	33.1	31.1	29.1	26.8	24.5	23.0	21.8	20.7	19.5
31.25°	38.8	36.2	33.7	31.7	29.7	27.4	25.0	23.2	22.1	20.9	19.7
30°	39.6	37.0	34.4	32.3	30.2	28.0	25.6	23.5	22.3	21.1	19.9
28.75°	40.5	37.8	35.1	32.8	30.7	28.5	26.1	23.7	22.5	21.3	20.1
27.5°	41.1	38.5	35.8	33.4	31.2	29.0	26.6	24.2	22.8	21.5	20.3
26.25°	41.7	39.3	36.5	33.9	31.7	29.5	27.1	24.6	23.0	21.7	20.5
25°	42.3	39.9	37.2	34.4	32.2	30.0	27.6	25.0	23.2	21.9	20.7
23.75°	42.8	40.6	37.8	34.9	32.6	30.4	28.0	25.5	23.4	22.1	20.8
22.5°	43.3	41.1	38.4	35.5	33.0	30.8	28.4	25.9	23.5	22.3	21.0
21.25°	43.8	41.6	38.9	36.1	33.4	31.2	28.8	26.2	23.7	22.4	21.1
20°	44.3	42.0	39.5	36.6	33.8	31.5	29.2	26.6	24.0	22.6	21.3
18.75°	44.7	42.4	40.0	37.0	34.1	31.8	29.5	26.9	24.3	22.7	21.4
17.5°	45.1	42.8	40.5	37.5	34.5	32.2	29.8	27.2	24.6	22.9	21.5
16.25°	45.5	43.2	40.8	37.9	34.9	32.4	30.1	27.5	24.9	23.0	21.7
15°	45.8	43.5	41.2	38.3	35.3	32.7	30.4	27.8	25.1	23.1	21.8
13.75°	46.1	43.8	41.5	38.7	35.6	33.0	30.6	28.1	25.4	23.2	21.9
12.5°	46.3	44.1	41.7	39.0	35.9	33.2	30.8	28.3	25.6	23.3	22.0
11.25°	46.6	44.4	42.0	39.3	36.2	33.4	31.0	28.5	25.8	23.4	22.0
10°	46.8	44.6	42.2	39.6	36.5	33.6	31.2	28.7	25.9	23.5	22.1
8.75°	47.0	44.8	42.4	39.8	36.7	33.8	31.3	28.9	26.1	23.6	22.2
7.5°	47.1	45.0	42.6	40.0	36.9	33.9	31.5	29.0	26.2	23.6	22.2
6.25°	47.2	45.2	42.7	40.2	37.1	34.0	31.6	29.1	26.3	23.7	22.3
5°	47.4	45.3	42.8	40.3	37.2	34.1	31.7	29.2	26.4	23.7	22.3
3.75°	47.4	45.4	42.9	40.5	37.3	34.2	31.8	29.3	26.5	23.8	22.4
2.5°	47.5	45.4	43.0	40.5	37.4	34.3	31.8	29.4	26.6	23.8	22.4
1.25°	47.5	45.5	43.0	40.6	37.4	34.3	31.8	29.4	26.6	23.8	22.4
0°	47.6	45.5	43.1	40.6	37.5	34.3	31.9	29.4	26.6	23.8	22.4
-1.25°	47.5	45.5	43.0	40.6	37.4	34.3	31.8	29.4	26.6	23.8	22.4
-2.5°	47.5	45.4	43.0	40.5	37.4	34.3	31.8	29.4	26.6	23.8	22.4
-3.75°	47.4	45.4	42.9	40.5	37.3	34.2	31.8	29.3	26.5	23.8	22.4
-5°	47.4	45.3	42.8	40.3	37.2	34.1	31.7	29.2	26.4	23.7	22.3
-6.25°	47.2	45.2	42.7	40.2	37.1	34.0	31.6	29.1	26.3	23.7	22.3
-7.5°	47.1	45.0	42.6	40.0	36.9	33.9	31.5	29.0	26.2	23.6	22.2
-8.75°	47.0	44.8	42.4	39.8	36.7	33.8	31.3	28.9	26.1	23.6	22.2
-10°	46.8	44.6	42.2	39.6	36.5	33.6	31.2	28.7	25.9	23.5	22.1
-11.25°	46.6	44.4	42.0	39.3	36.2	33.4	31.0	28.5	25.8	23.4	22.0
-12.5°	46.3	44.1	41.7	39.0	35.9	33.2	30.8	28.3	25.6	23.3	22.0
-13.75°	46.1	43.8	41.5	38.7	35.6	33.0	30.6	28.1	25.4	23.2	21.9
-15°	45.8	43.5	41.2	38.3	35.3	32.7	30.4	27.8	25.1	23.1	21.8
-16.25°	45.5	43.2	40.8	37.9	34.9	32.4	30.1	27.5	24.9	23.0	21.7
-17.5°	45.1	42.8	40.5	37.5	34.5	32.2	29.8	27.2	24.6	22.9	21.5
-18.75°	44.7	42.4	40.0	37.0	34.1	31.8	29.5	26.9	24.3	22.7	21.4
-20°	44.3	42.0	39.5	36.6	33.8	31.5	29.2	26.6	24.0	22.6	21.3
-21.25°	43.8	41.6	38.9	36.1	33.4	31.2	28.8	26.2	23.7	22.4	21.1



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	43.3	41.1	38.4	35.5	33.0	30.8	28.4	25.9	23.5	22.3	21.0
-23.75°	42.8	40.6	37.8	34.9	32.6	30.4	28.0	25.5	23.4	22.1	20.8
-25°	42.3	39.9	37.2	34.4	32.2	30.0	27.6	25.0	23.2	21.9	20.7
-26.25°	41.7	39.3	36.5	33.9	31.7	29.5	27.1	24.6	23.0	21.7	20.5
-27.5°	41.1	38.5	35.8	33.4	31.2	29.0	26.6	24.2	22.8	21.5	20.3
-28.75°	40.5	37.8	35.1	32.8	30.7	28.5	26.1	23.7	22.5	21.3	20.1
-30°	39.6	37.0	34.4	32.3	30.2	28.0	25.6	23.5	22.3	21.1	19.9
-31.25°	38.8	36.2	33.7	31.7	29.7	27.4	25.0	23.2	22.1	20.9	19.7
-32.5°	37.9	35.4	33.1	31.1	29.1	26.8	24.5	23.0	21.8	20.7	19.5
-33.75°	37.0	34.5	32.5	30.5	28.4	26.2	23.9	22.7	21.6	20.4	19.3
-35°	36.1	33.8	31.8	29.9	27.7	25.5	23.5	22.4	21.3	20.2	19.0
-36.25°	35.1	33.0	31.2	29.2	27.1	24.9	23.2	22.1	21.0	19.9	18.8
-37.5°	34.2	32.3	30.5	28.5	26.3	24.2	22.9	21.8	20.7	19.7	18.6
-38.75°	33.4	31.6	29.7	27.7	25.6	23.6	22.6	21.5	20.5	19.4	18.3
-40°	32.6	30.8	29.0	26.9	24.9	23.3	22.3	21.2	20.2	19.1	18.1
-41.25°	31.8	30.0	28.1	26.1	24.1	22.9	21.9	20.9	19.9	18.8	17.8
-42.5°	30.9	29.2	27.2	25.3	23.5	22.6	21.6	20.6	19.6	18.5	17.5
-43.75°	30.0	28.2	26.3	24.4	23.1	22.2	21.2	20.2	19.2	18.3	17.3
-45°	29.1	27.3	25.4	23.7	22.7	21.8	20.8	19.9	18.9	17.9	17.0
-46.25°	28.1	26.3	24.5	23.2	22.3	21.4	20.5	19.5	18.6	17.6	16.7
-47.5°	27.1	25.3	23.7	22.8	21.9	21.0	20.1	19.2	18.2	17.3	16.4
-48.75°	26.0	24.3	23.2	22.3	21.4	20.6	19.7	18.8	17.9	17.0	16.1
-50°	24.9	23.5	22.7	21.9	21.0	20.1	19.3	18.4	17.6	16.7	15.8
-51.25°	23.8	23.0	22.2	21.4	20.6	19.7	18.9	18.0	17.2	16.4	15.5
-52.5°	23.3	22.5	21.7	20.9	20.1	19.3	18.5	17.7	16.8	16.0	15.1
-53.75°	22.7	21.9	21.2	20.4	19.6	18.8	18.1	17.3	16.5	15.7	14.7
-55°	22.1	21.4	20.7	19.9	19.2	18.4	17.6	16.9	16.1	15.3	14.3
-56.25°	21.6	20.8	20.1	19.4	18.7	17.9	17.2	16.5	15.7	14.9	13.9
-57.5°	21.0	20.3	19.6	18.9	18.2	17.5	16.8	16.1	15.3	14.4	13.5
-58.75°	20.4	19.7	19.1	18.4	17.7	17.0	16.3	15.6	14.8	14.0	13.1
-60°	19.8	19.2	18.5	17.9	17.2	16.6	15.9	15.2	14.3	13.5	12.7
-61.25°	19.2	18.6	18.0	17.3	16.7	16.1	15.4	14.7	13.9	13.0	12.2
-62.5°	18.6	18.0	17.4	16.8	16.2	15.6	14.9	14.1	13.3	12.6	11.8
-63.75°	18.0	17.4	16.8	16.3	15.7	15.0	14.3	13.6	12.8	12.1	11.2
-65°	17.3	16.8	16.3	15.7	15.1	14.4	13.7	13.0	12.3	11.6	10.7
-66.25°	16.7	16.2	15.7	15.1	14.5	13.8	13.2	12.5	11.8	11.0	10.2
-67.5°	16.1	15.6	15.0	14.4	13.8	13.2	12.6	11.9	11.2	10.4	9.6
-68.75°	15.4	14.9	14.3	13.7	13.2	12.6	12.0	11.3	10.5	9.8	9.1
-70°	14.7	14.1	13.6	13.0	12.5	11.9	11.3	10.6	9.9	9.2	8.5
-71.25°	13.9	13.3	12.8	12.3	11.8	11.2	10.5	9.9	9.3	8.6	8.0
-72.5°	13.0	12.6	12.1	11.6	11.0	10.4	9.8	9.2	8.6	8.0	7.4
-73.75°	12.2	11.8	11.2	10.7	10.2	9.6	9.1	8.5	8.0	7.4	6.8
-75°	11.3	10.8	10.3	9.8	9.4	8.8	8.3	7.8	7.3	6.8	6.3
-76.25°	10.3	9.9	9.4	9.0	8.5	8.1	7.6	7.1	6.7	6.2	5.7
-77.5°	9.3	8.9	8.5	8.1	7.7	7.3	6.9	6.4	6.0	5.6	5.1



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	8.3	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.3	5.0	4.6
-80°	7.3	7.0	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3	4.0
-81.25°	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4
-82.5°	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.1	2.9
-83.75°	4.3	4.1	3.9	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.4
-85°	3.4	3.2	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0
-86.25°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
-87.5°	1.7	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
-88.75°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1
87.5°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
86.25°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
85°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
83.75°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
82.5°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
81.25°	3.2	2.9	2.6	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.5
80°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
78.75°	4.2	3.8	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
77.5°	4.7	4.3	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
76.25°	5.2	4.7	4.3	3.8	3.3	2.9	2.5	2.1	1.7	1.2	0.8
75°	5.8	5.2	4.7	4.2	3.6	3.2	2.7	2.3	1.8	1.4	0.9
73.75°	6.3	5.7	5.1	4.6	4.0	3.4	2.9	2.4	2.0	1.5	1.0
72.5°	6.8	6.2	5.6	5.0	4.3	3.7	3.1	2.6	2.1	1.6	1.1
71.25°	7.3	6.7	6.0	5.3	4.7	4.0	3.4	2.8	2.2	1.7	1.1
70°	7.8	7.1	6.4	5.7	5.0	4.3	3.6	3.0	2.4	1.8	1.2
68.75°	8.3	7.6	6.9	6.1	5.4	4.6	3.9	3.2	2.5	1.9	1.3
67.5°	8.8	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.7	2.0	1.3
66.25°	9.4	8.5	7.7	6.9	6.0	5.2	4.4	3.5	2.8	2.1	1.4
65°	9.8	9.0	8.1	7.2	6.4	5.5	4.6	3.7	3.0	2.2	1.5
63.75°	10.3	9.4	8.5	7.6	6.7	5.8	4.9	3.9	3.1	2.3	1.5
62.5°	10.8	9.9	8.9	8.0	7.0	6.1	5.1	4.1	3.2	2.4	1.6
61.25°	11.3	10.3	9.3	8.3	7.3	6.3	5.3	4.3	3.4	2.5	1.7
60°	11.8	10.8	9.7	8.7	7.7	6.6	5.6	4.5	3.5	2.6	1.7
58.75°	12.2	11.2	10.1	9.1	8.0	6.9	5.8	4.7	3.7	2.7	1.8
57.5°	12.6	11.6	10.5	9.4	8.3	7.2	6.1	4.9	3.8	2.8	1.9
56.25°	13.0	12.0	10.9	9.8	8.6	7.4	6.3	5.1	4.0	2.9	1.9
55°	13.4	12.4	11.3	10.1	8.9	7.7	6.5	5.3	4.1	3.0	2.0
53.75°	13.7	12.7	11.7	10.4	9.2	8.0	6.7	5.5	4.3	3.1	2.1
52.5°	14.1	13.0	12.0	10.8	9.5	8.2	7.0	5.7	4.4	3.2	2.1
51.25°	14.5	13.4	12.3	11.1	9.8	8.5	7.2	5.9	4.6	3.3	2.2
50°	14.8	13.7	12.6	11.4	10.1	8.7	7.4	6.0	4.7	3.4	2.2
48.75°	15.2	14.0	12.9	11.7	10.3	9.0	7.6	6.2	4.8	3.5	2.3
47.5°	15.5	14.3	13.2	12.0	10.6	9.2	7.8	6.4	5.0	3.6	2.4
46.25°	15.7	14.6	13.5	12.3	10.9	9.4	8.0	6.6	5.1	3.7	2.4
45°	16.0	14.9	13.7	12.5	11.1	9.7	8.2	6.7	5.2	3.8	2.5
43.75°	16.3	15.2	14.0	12.7	11.4	9.9	8.4	6.9	5.4	3.8	2.5
42.5°	16.5	15.5	14.3	13.0	11.7	10.1	8.6	7.0	5.5	3.9	2.6
41.25°	16.8	15.7	14.5	13.2	11.9	10.3	8.8	7.2	5.6	4.0	2.6
40°	17.0	15.9	14.8	13.4	12.1	10.5	8.9	7.3	5.7	4.1	2.7
38.75°	17.2	16.2	15.0	13.7	12.3	10.7	9.1	7.5	5.8	4.2	2.7
37.5°	17.5	16.4	15.2	13.9	12.5	10.9	9.3	7.6	6.0	4.3	2.8
36.25°	17.7	16.6	15.5	14.1	12.7	11.1	9.5	7.8	6.1	4.4	2.8
35°	17.9	16.8	15.6	14.3	12.8	11.3	9.6	7.9	6.2	4.5	2.9



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-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°	18.1	17.0	15.8	14.5	13.0	11.5	9.8	8.0	6.3	4.5	2.9
32.5°	18.3	17.2	16.0	14.7	13.2	11.7	9.9	8.2	6.4	4.6	3.0
31.25°	18.5	17.3	16.1	14.8	13.4	11.9	10.1	8.3	6.5	4.7	3.0
30°	18.7	17.5	16.3	15.0	13.5	12.0	10.2	8.4	6.6	4.8	3.0
28.75°	18.9	17.7	16.5	15.2	13.7	12.1	10.3	8.5	6.7	4.8	3.1
27.5°	19.1	17.8	16.6	15.4	13.8	12.3	10.5	8.6	6.7	4.9	3.1
26.25°	19.2	18.0	16.7	15.5	13.9	12.4	10.6	8.7	6.8	4.9	3.1
25°	19.4	18.1	16.9	15.6	14.1	12.5	10.7	8.8	6.9	5.0	3.2
23.75°	19.5	18.3	17.0	15.7	14.2	12.6	10.8	8.9	7.0	5.1	3.2
22.5°	19.7	18.4	17.1	15.8	14.3	12.7	10.9	9.0	7.1	5.1	3.2
21.25°	19.8	18.5	17.2	15.9	14.4	12.8	11.0	9.1	7.1	5.2	3.3
20°	20.0	18.7	17.3	16.0	14.5	12.9	11.1	9.2	7.2	5.2	3.3
18.75°	20.1	18.8	17.4	16.1	14.6	13.0	11.2	9.2	7.3	5.3	3.3
17.5°	20.2	18.9	17.5	16.2	14.7	13.1	11.3	9.3	7.3	5.3	3.3
16.25°	20.3	19.0	17.6	16.3	14.8	13.2	11.4	9.4	7.4	5.3	3.4
15°	20.4	19.1	17.7	16.4	14.9	13.2	11.5	9.4	7.4	5.4	3.4
13.75°	20.5	19.2	17.8	16.4	15.0	13.3	11.5	9.5	7.5	5.4	3.4
12.5°	20.6	19.2	17.9	16.5	15.1	13.4	11.6	9.6	7.5	5.5	3.4
11.25°	20.7	19.3	17.9	16.6	15.1	13.4	11.7	9.6	7.5	5.5	3.4
10°	20.7	19.4	18.0	16.6	15.2	13.5	11.7	9.6	7.6	5.5	3.4
8.75°	20.8	19.4	18.0	16.7	15.2	13.5	11.8	9.7	7.6	5.5	3.5
7.5°	20.9	19.5	18.1	16.7	15.3	13.5	11.8	9.7	7.6	5.5	3.5
6.25°	20.9	19.5	18.1	16.7	15.3	13.6	11.8	9.7	7.6	5.6	3.5
5°	20.9	19.5	18.1	16.8	15.3	13.6	11.9	9.8	7.7	5.6	3.5
3.75°	21.0	19.6	18.2	16.8	15.4	13.6	11.9	9.8	7.7	5.6	3.5
2.5°	21.0	19.6	18.2	16.8	15.4	13.6	11.9	9.8	7.7	5.6	3.5
1.25°	21.0	19.6	18.2	16.8	15.4	13.6	11.9	9.8	7.7	5.6	3.5
0°	21.0	19.6	18.2	16.8	15.4	13.7	11.9	9.8	7.7	5.6	3.5
-1.25°	21.0	19.6	18.2	16.8	15.4	13.6	11.9	9.8	7.7	5.6	3.5
-2.5°	21.0	19.6	18.2	16.8	15.4	13.6	11.9	9.8	7.7	5.6	3.5
-3.75°	21.0	19.6	18.2	16.8	15.4	13.6	11.9	9.8	7.7	5.6	3.5
-5°	20.9	19.5	18.1	16.8	15.3	13.6	11.9	9.8	7.7	5.6	3.5
-6.25°	20.9	19.5	18.1	16.7	15.3	13.6	11.8	9.7	7.6	5.6	3.5
-7.5°	20.9	19.5	18.1	16.7	15.3	13.5	11.8	9.7	7.6	5.5	3.5
-8.75°	20.8	19.4	18.0	16.7	15.2	13.5	11.8	9.7	7.6	5.5	3.5
-10°	20.7	19.4	18.0	16.6	15.2	13.5	11.7	9.6	7.6	5.5	3.4
-11.25°	20.7	19.3	17.9	16.6	15.1	13.4	11.7	9.6	7.5	5.5	3.4
-12.5°	20.6	19.2	17.9	16.5	15.1	13.4	11.6	9.6	7.5	5.5	3.4
-13.75°	20.5	19.2	17.8	16.4	15.0	13.3	11.5	9.5	7.5	5.4	3.4
-15°	20.4	19.1	17.7	16.4	14.9	13.2	11.5	9.4	7.4	5.4	3.4
-16.25°	20.3	19.0	17.6	16.3	14.8	13.2	11.4	9.4	7.4	5.3	3.4
-17.5°	20.2	18.9	17.5	16.2	14.7	13.1	11.3	9.3	7.3	5.3	3.3
-18.75°	20.1	18.8	17.4	16.1	14.6	13.0	11.2	9.2	7.3	5.3	3.3
-20°	20.0	18.7	17.3	16.0	14.5	12.9	11.1	9.2	7.2	5.2	3.3
-21.25°	19.8	18.5	17.2	15.9	14.4	12.8	11.0	9.1	7.1	5.2	3.3



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	19.7	18.4	17.1	15.8	14.3	12.7	10.9	9.0	7.1	5.1	3.2
-23.75°	19.5	18.3	17.0	15.7	14.2	12.6	10.8	8.9	7.0	5.1	3.2
-25°	19.4	18.1	16.9	15.6	14.1	12.5	10.7	8.8	6.9	5.0	3.2
-26.25°	19.2	18.0	16.7	15.5	13.9	12.4	10.6	8.7	6.8	4.9	3.1
-27.5°	19.1	17.8	16.6	15.4	13.8	12.3	10.5	8.6	6.7	4.9	3.1
-28.75°	18.9	17.7	16.5	15.2	13.7	12.1	10.3	8.5	6.7	4.8	3.1
-30°	18.7	17.5	16.3	15.0	13.5	12.0	10.2	8.4	6.6	4.8	3.0
-31.25°	18.5	17.3	16.1	14.8	13.4	11.9	10.1	8.3	6.5	4.7	3.0
-32.5°	18.3	17.2	16.0	14.7	13.2	11.7	9.9	8.2	6.4	4.6	3.0
-33.75°	18.1	17.0	15.8	14.5	13.0	11.5	9.8	8.0	6.3	4.5	2.9
-35°	17.9	16.8	15.6	14.3	12.8	11.3	9.6	7.9	6.2	4.5	2.9
-36.25°	17.7	16.6	15.5	14.1	12.7	11.1	9.5	7.8	6.1	4.4	2.8
-37.5°	17.5	16.4	15.2	13.9	12.5	10.9	9.3	7.6	6.0	4.3	2.8
-38.75°	17.2	16.2	15.0	13.7	12.3	10.7	9.1	7.5	5.8	4.2	2.7
-40°	17.0	15.9	14.8	13.4	12.1	10.5	8.9	7.3	5.7	4.1	2.7
-41.25°	16.8	15.7	14.5	13.2	11.9	10.3	8.8	7.2	5.6	4.0	2.6
-42.5°	16.5	15.5	14.3	13.0	11.7	10.1	8.6	7.0	5.5	3.9	2.6
-43.75°	16.3	15.2	14.0	12.7	11.4	9.9	8.4	6.9	5.4	3.8	2.5
-45°	16.0	14.9	13.7	12.5	11.1	9.7	8.2	6.7	5.2	3.8	2.5
-46.25°	15.7	14.6	13.5	12.3	10.9	9.4	8.0	6.6	5.1	3.7	2.4
-47.5°	15.5	14.3	13.2	12.0	10.6	9.2	7.8	6.4	5.0	3.6	2.4
-48.75°	15.2	14.0	12.9	11.7	10.3	9.0	7.6	6.2	4.8	3.5	2.3
-50°	14.8	13.7	12.6	11.4	10.1	8.7	7.4	6.0	4.7	3.4	2.2
-51.25°	14.5	13.4	12.3	11.1	9.8	8.5	7.2	5.9	4.6	3.3	2.2
-52.5°	14.1	13.0	12.0	10.8	9.5	8.2	7.0	5.7	4.4	3.2	2.1
-53.75°	13.7	12.7	11.7	10.4	9.2	8.0	6.7	5.5	4.3	3.1	2.1
-55°	13.4	12.4	11.3	10.1	8.9	7.7	6.5	5.3	4.1	3.0	2.0
-56.25°	13.0	12.0	10.9	9.8	8.6	7.4	6.3	5.1	4.0	2.9	1.9
-57.5°	12.6	11.6	10.5	9.4	8.3	7.2	6.1	4.9	3.8	2.8	1.9
-58.75°	12.2	11.2	10.1	9.1	8.0	6.9	5.8	4.7	3.7	2.7	1.8
-60°	11.8	10.8	9.7	8.7	7.7	6.6	5.6	4.5	3.5	2.6	1.7
-61.25°	11.3	10.3	9.3	8.3	7.3	6.3	5.3	4.3	3.4	2.5	1.7
-62.5°	10.8	9.9	8.9	8.0	7.0	6.1	5.1	4.1	3.2	2.4	1.6
-63.75°	10.3	9.4	8.5	7.6	6.7	5.8	4.9	3.9	3.1	2.3	1.5
-65°	9.8	9.0	8.1	7.2	6.4	5.5	4.6	3.7	3.0	2.2	1.5
-66.25°	9.4	8.5	7.7	6.9	6.0	5.2	4.4	3.5	2.8	2.1	1.4
-67.5°	8.8	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.7	2.0	1.3
-68.75°	8.3	7.6	6.9	6.1	5.4	4.6	3.9	3.2	2.5	1.9	1.3
-70°	7.8	7.1	6.4	5.7	5.0	4.3	3.6	3.0	2.4	1.8	1.2
-71.25°	7.3	6.7	6.0	5.3	4.7	4.0	3.4	2.8	2.2	1.7	1.1
-72.5°	6.8	6.2	5.6	5.0	4.3	3.7	3.1	2.6	2.1	1.6	1.1
-73.75°	6.3	5.7	5.1	4.6	4.0	3.4	2.9	2.4	2.0	1.5	1.0
-75°	5.8	5.2	4.7	4.2	3.6	3.2	2.7	2.3	1.8	1.4	0.9
-76.25°	5.2	4.7	4.3	3.8	3.3	2.9	2.5	2.1	1.7	1.2	0.8
-77.5°	4.7	4.3	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	4.2	3.8	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
-80°	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-81.25°	3.2	2.9	2.6	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.5
-82.5°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-83.75°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8	0.6	0.4
-85°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-86.25°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-87.5°	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-88.75°	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	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



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.2	0.0
83.75°	0.2	0.0
82.5°	0.2	0.0
81.25°	0.3	0.0
80°	0.3	0.0
78.75°	0.3	0.0
77.5°	0.4	0.0
76.25°	0.4	0.0
75°	0.5	0.0
73.75°	0.5	0.0
72.5°	0.5	0.0
71.25°	0.6	0.0
70°	0.6	0.0
68.75°	0.6	0.0
67.5°	0.7	0.0
66.25°	0.7	0.0
65°	0.7	0.0
63.75°	0.8	0.0
62.5°	0.8	0.0
61.25°	0.8	0.0
60°	0.9	0.0
58.75°	0.9	0.0
57.5°	0.9	0.0
56.25°	1.0	0.0
55°	1.0	0.0
53.75°	1.0	0.0
52.5°	1.1	0.0
51.25°	1.1	0.0
50°	1.1	0.0
48.75°	1.2	0.0
47.5°	1.2	0.0
46.25°	1.2	0.0
45°	1.2	0.0
43.75°	1.3	0.0
42.5°	1.3	0.0
41.25°	1.3	0.0
40°	1.3	0.0
38.75°	1.4	0.0
37.5°	1.4	0.0
36.25°	1.4	0.0
35°	1.4	0.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.5	0.0
32.5°	1.5	0.0
31.25°	1.5	0.0
30°	1.5	0.0
28.75°	1.5	0.0
27.5°	1.6	0.0
26.25°	1.6	0.0
25°	1.6	0.0
23.75°	1.6	0.0
22.5°	1.6	0.0
21.25°	1.6	0.0
20°	1.6	0.0
18.75°	1.7	0.0
17.5°	1.7	0.0
16.25°	1.7	0.0
15°	1.7	0.0
13.75°	1.7	0.0
12.5°	1.7	0.0
11.25°	1.7	0.0
10°	1.7	0.0
8.75°	1.7	0.0
7.5°	1.7	0.0
6.25°	1.7	0.0
5°	1.7	0.0
3.75°	1.7	0.0
2.5°	1.7	0.0
1.25°	1.7	0.0
0°	1.7	0.0
-1.25°	1.7	0.0
-2.5°	1.7	0.0
-3.75°	1.7	0.0
-5°	1.7	0.0
-6.25°	1.7	0.0
-7.5°	1.7	0.0
-8.75°	1.7	0.0
-10°	1.7	0.0
-11.25°	1.7	0.0
-12.5°	1.7	0.0
-13.75°	1.7	0.0
-15°	1.7	0.0
-16.25°	1.7	0.0
-17.5°	1.7	0.0
-18.75°	1.7	0.0
-20°	1.6	0.0
-21.25°	1.6	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.6	0.0
-23.75°	1.6	0.0
-25°	1.6	0.0
-26.25°	1.6	0.0
-27.5°	1.6	0.0
-28.75°	1.5	0.0
-30°	1.5	0.0
-31.25°	1.5	0.0
-32.5°	1.5	0.0
-33.75°	1.5	0.0
-35°	1.4	0.0
-36.25°	1.4	0.0
-37.5°	1.4	0.0
-38.75°	1.4	0.0
-40°	1.3	0.0
-41.25°	1.3	0.0
-42.5°	1.3	0.0
-43.75°	1.3	0.0
-45°	1.2	0.0
-46.25°	1.2	0.0
-47.5°	1.2	0.0
-48.75°	1.2	0.0
-50°	1.1	0.0
-51.25°	1.1	0.0
-52.5°	1.1	0.0
-53.75°	1.0	0.0
-55°	1.0	0.0
-56.25°	1.0	0.0
-57.5°	0.9	0.0
-58.75°	0.9	0.0
-60°	0.9	0.0
-61.25°	0.8	0.0
-62.5°	0.8	0.0
-63.75°	0.8	0.0
-65°	0.7	0.0
-66.25°	0.7	0.0
-67.5°	0.7	0.0
-68.75°	0.6	0.0
-70°	0.6	0.0
-71.25°	0.6	0.0
-72.5°	0.5	0.0
-73.75°	0.5	0.0
-75°	0.5	0.0
-76.25°	0.4	0.0
-77.5°	0.4	0.0



REPORT NUMBER: P220497 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.3	0.0
-80°	0.3	0.0
-81.25°	0.3	0.0
-82.5°	0.2	0.0
-83.75°	0.2	0.0
-85°	0.2	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)