

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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

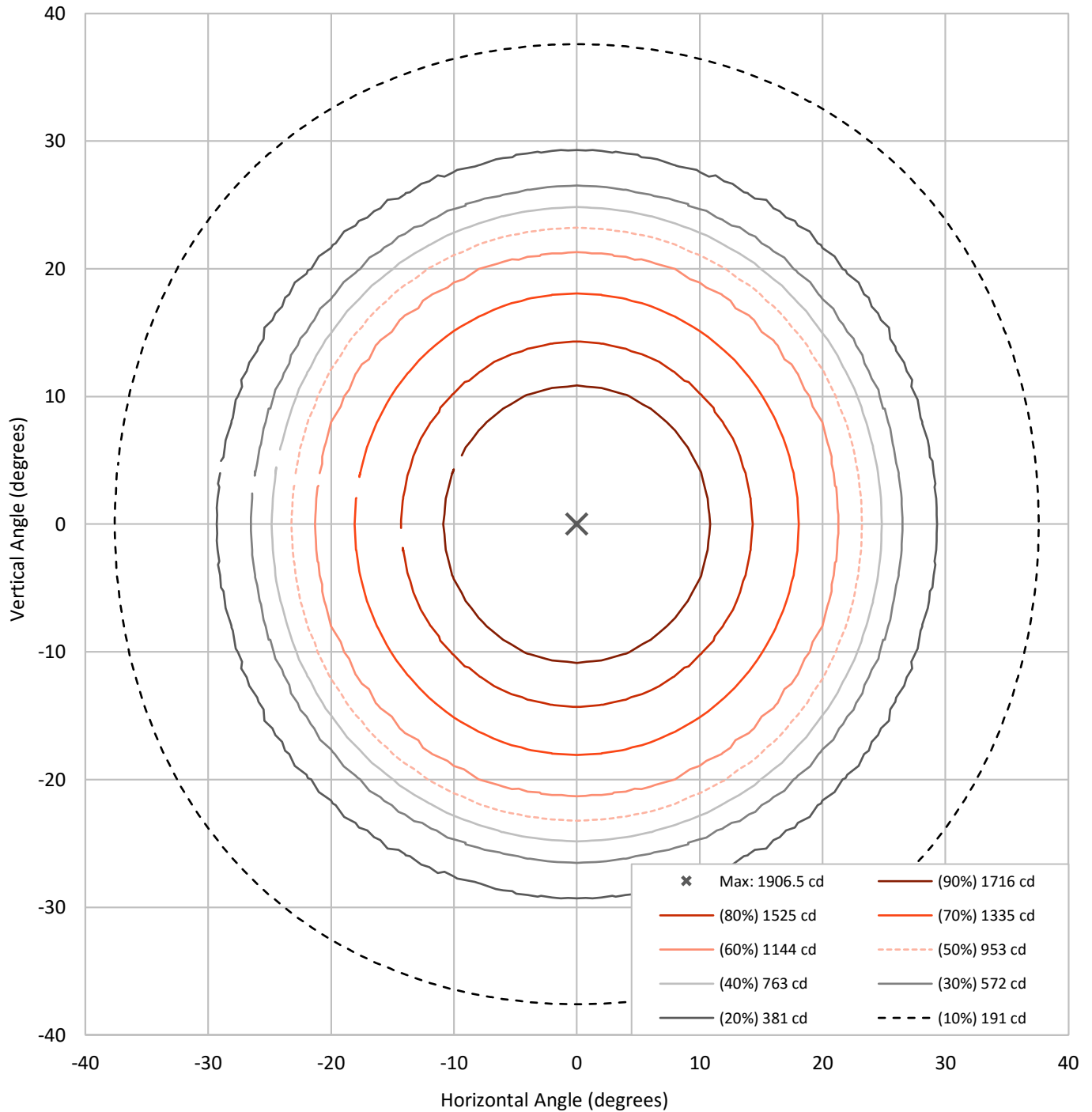
Test Method: LM-79-08
Report Number: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29471)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1283.3 lumens	Max Intensity:	1906.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.5°H x 46.5°V	Field Angle (10%):	75.2°H x 75.2°V
Beam Lumens:	737.1 lumens	Field Lumens:	1050.3 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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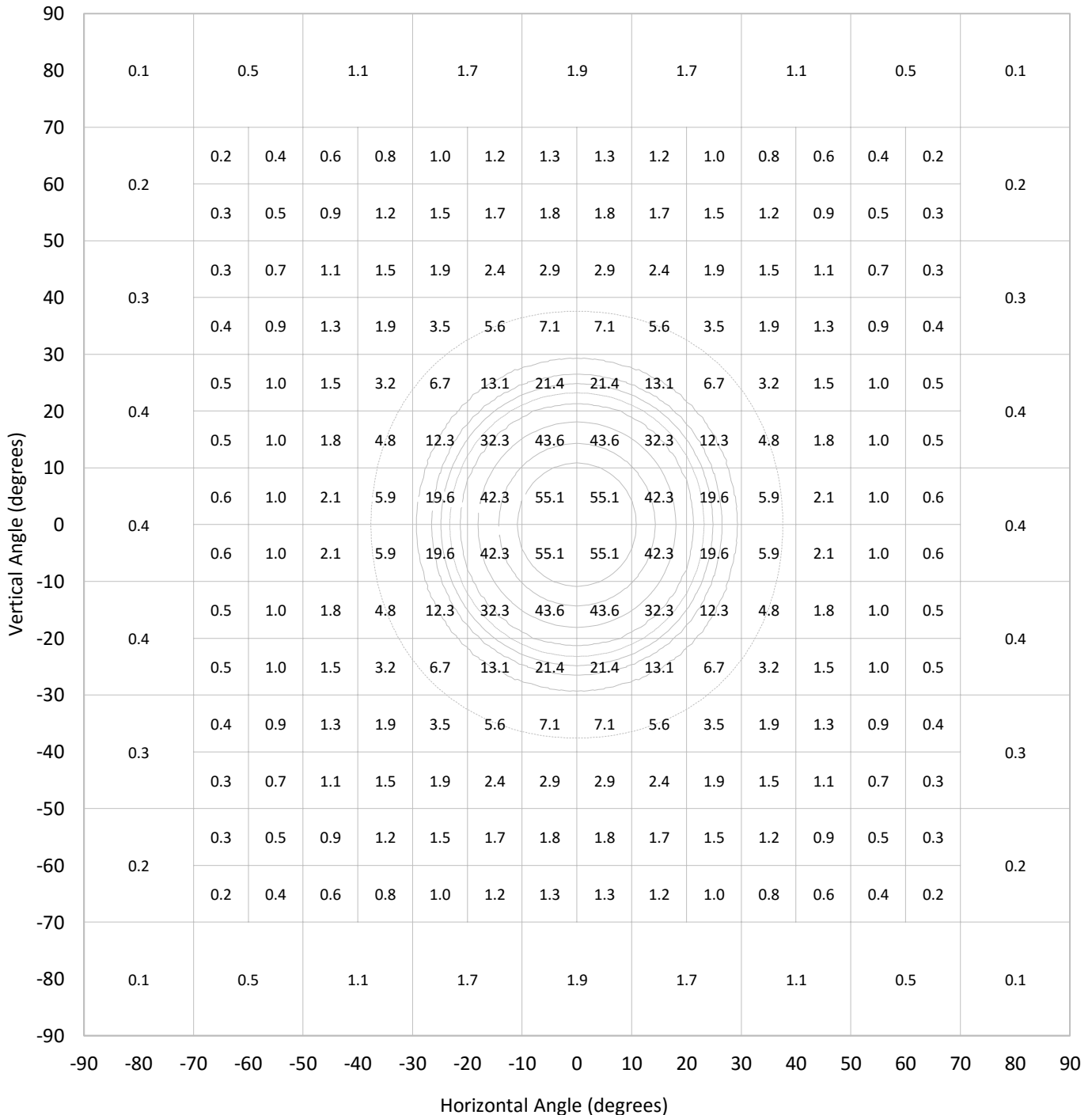
Iso-Candela Plot





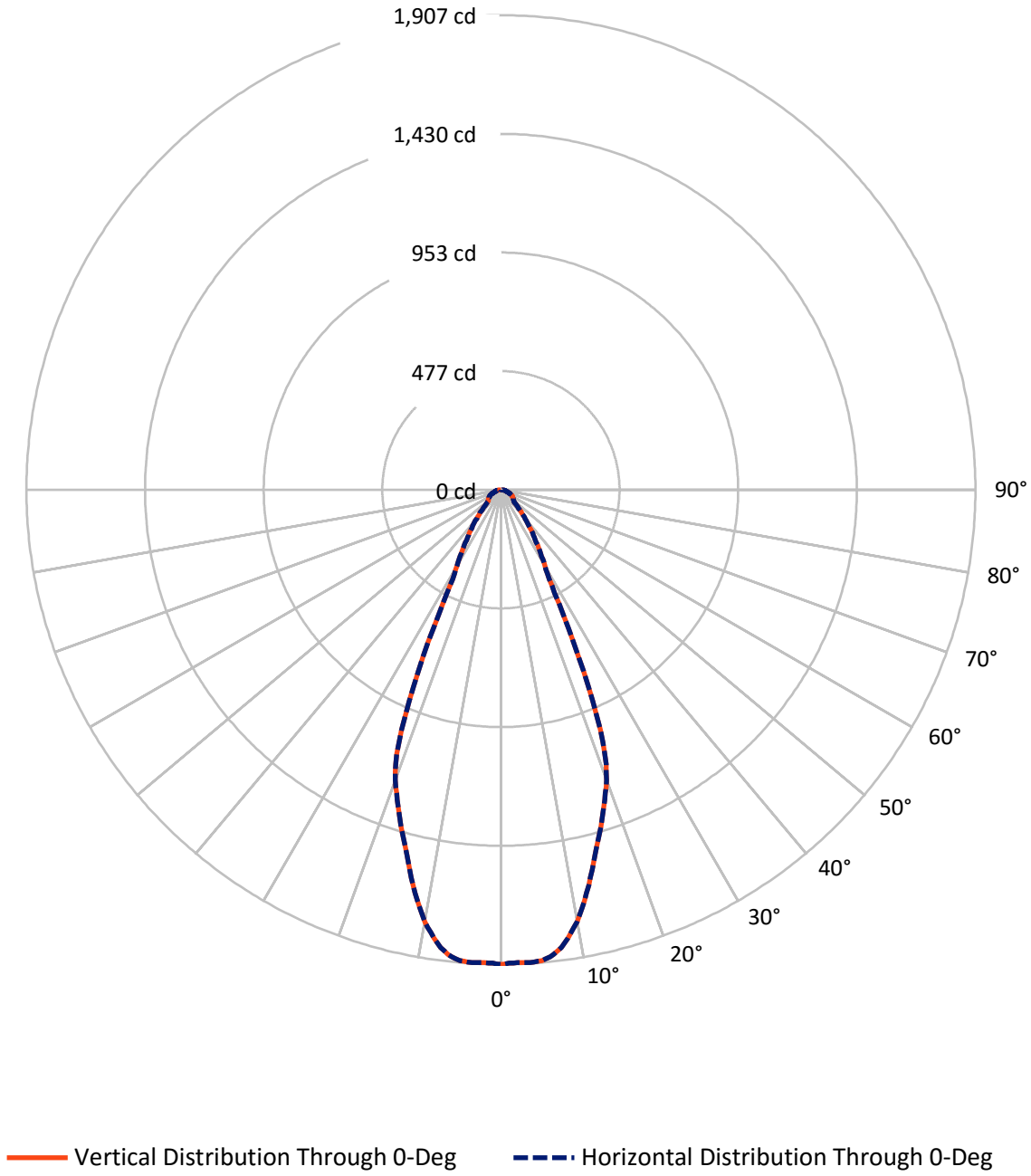
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Lumen Table



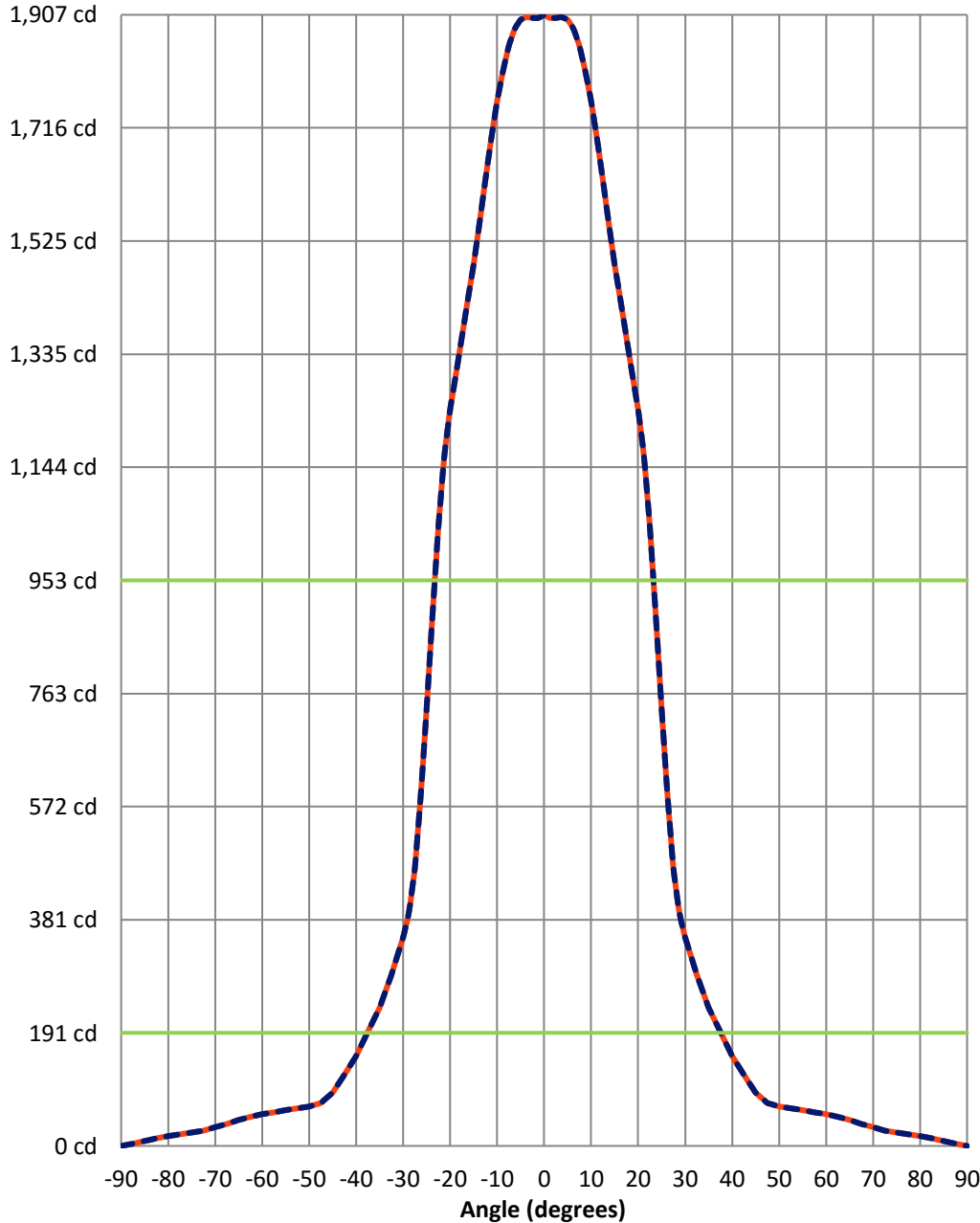
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.5°
 V Angle: 46.5°
 Lumens: 737.1
 Efficiency: 57.4%

Field:
 H Angle: 75.2°
 V Angle: 75.2°
 Lumens: 1050.3
 Efficiency: 81.8%

Spill:
 Lumens: 233
 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	0.4	0.4
87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8
86.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
83.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5
81.25°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
80°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.3
78.75°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.0	3.3	3.7
77.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.1
76.25°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.1	4.6
75°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.5	5.1
73.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.9	5.6
72.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.7	5.4	6.0
71.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.7	4.3	5.1	5.8	6.5
70°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.7	5.4	6.2	6.9
68.75°	0.0	0.7	1.4	2.1	2.8	3.4	4.2	5.0	5.8	6.6	7.4
67.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.5	5.3	6.2	7.0	7.9
66.25°	0.0	0.8	1.5	2.3	3.1	3.8	4.7	5.6	6.5	7.4	8.3
65°	0.0	0.8	1.6	2.4	3.2	4.0	5.0	5.9	6.9	7.8	8.7
63.75°	0.0	0.8	1.7	2.5	3.4	4.3	5.3	6.2	7.2	8.2	9.2
62.5°	0.0	0.9	1.8	2.6	3.5	4.5	5.5	6.6	7.6	8.6	9.6
61.25°	0.0	0.9	1.8	2.7	3.7	4.7	5.8	6.9	7.9	9.0	10.1
60°	0.0	0.9	1.9	2.8	3.8	4.9	6.0	7.2	8.3	9.4	10.5
58.75°	0.0	1.0	2.0	3.0	4.0	5.1	6.3	7.4	8.6	9.8	10.9
57.5°	0.0	1.0	2.0	3.1	4.1	5.3	6.5	7.7	8.9	10.1	11.3
56.25°	0.0	1.1	2.1	3.2	4.3	5.5	6.8	8.0	9.3	10.5	11.7
55°	0.0	1.1	2.2	3.3	4.5	5.7	7.0	8.3	9.6	10.9	12.1
53.75°	0.0	1.1	2.2	3.4	4.6	5.9	7.3	8.6	9.9	11.2	12.5
52.5°	0.0	1.2	2.3	3.5	4.8	6.1	7.5	8.9	10.2	11.6	12.9
51.25°	0.0	1.2	2.4	3.6	4.9	6.3	7.7	9.1	10.5	11.9	13.2
50°	0.0	1.2	2.4	3.7	5.1	6.5	8.0	9.4	10.8	12.3	13.6
48.75°	0.0	1.3	2.5	3.8	5.2	6.7	8.2	9.7	11.1	12.6	13.9
47.5°	0.0	1.3	2.6	3.9	5.4	6.9	8.4	9.9	11.4	12.9	14.2
46.25°	0.0	1.3	2.6	4.0	5.5	7.1	8.6	10.2	11.7	13.2	14.5
45°	0.0	1.3	2.7	4.1	5.7	7.2	8.8	10.4	12.0	13.5	14.8
43.75°	0.0	1.4	2.7	4.2	5.8	7.4	9.0	10.7	12.3	13.7	15.1
42.5°	0.0	1.4	2.8	4.3	5.9	7.6	9.2	10.9	12.5	14.0	15.4
41.25°	0.0	1.4	2.9	4.4	6.1	7.8	9.4	11.1	12.8	14.2	15.6
40°	0.0	1.5	2.9	4.5	6.2	7.9	9.6	11.3	13.0	14.5	15.9
38.75°	0.0	1.5	3.0	4.6	6.3	8.1	9.8	11.6	13.2	14.7	16.2
37.5°	0.0	1.5	3.0	4.7	6.4	8.2	10.0	11.8	13.4	14.9	16.4
36.25°	0.0	1.5	3.1	4.7	6.6	8.4	10.2	12.0	13.6	15.2	16.7
35°	0.0	1.6	3.1	4.8	6.7	8.5	10.3	12.2	13.8	15.4	16.9



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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	1.6	3.2	4.9	6.8	8.6	10.5	12.4	14.0	15.6	17.0
32.5°	0.0	1.6	3.2	5.0	6.9	8.8	10.7	12.6	14.2	15.8	17.2
31.25°	0.0	1.6	3.2	5.1	7.0	8.9	10.8	12.8	14.4	16.0	17.4
30°	0.0	1.6	3.3	5.1	7.1	9.0	11.0	12.9	14.5	16.2	17.6
28.75°	0.0	1.7	3.3	5.2	7.2	9.2	11.1	13.0	14.7	16.4	17.7
27.5°	0.0	1.7	3.4	5.3	7.3	9.3	11.3	13.2	14.9	16.5	17.9
26.25°	0.0	1.7	3.4	5.4	7.4	9.4	11.4	13.3	15.0	16.7	18.0
25°	0.0	1.7	3.4	5.4	7.5	9.5	11.5	13.4	15.2	16.8	18.2
23.75°	0.0	1.7	3.5	5.5	7.5	9.6	11.7	13.6	15.3	16.9	18.3
22.5°	0.0	1.8	3.5	5.5	7.6	9.7	11.8	13.7	15.4	17.1	18.4
21.25°	0.0	1.8	3.5	5.6	7.7	9.8	11.9	13.8	15.6	17.2	18.6
20°	0.0	1.8	3.6	5.6	7.8	9.9	12.0	13.9	15.7	17.3	18.7
18.75°	0.0	1.8	3.6	5.7	7.8	10.0	12.1	14.0	15.8	17.4	18.8
17.5°	0.0	1.8	3.6	5.7	7.9	10.0	12.2	14.1	15.9	17.5	18.9
16.25°	0.0	1.8	3.6	5.8	7.9	10.1	12.3	14.2	16.0	17.6	19.0
15°	0.0	1.8	3.7	5.8	8.0	10.2	12.3	14.2	16.1	17.6	19.1
13.75°	0.0	1.8	3.7	5.9	8.0	10.2	12.4	14.3	16.2	17.7	19.2
12.5°	0.0	1.9	3.7	5.9	8.1	10.3	12.5	14.4	16.2	17.8	19.2
11.25°	0.0	1.9	3.7	5.9	8.1	10.3	12.5	14.4	16.3	17.8	19.3
10°	0.0	1.9	3.7	5.9	8.2	10.4	12.6	14.5	16.4	17.9	19.4
8.75°	0.0	1.9	3.8	6.0	8.2	10.4	12.6	14.5	16.4	17.9	19.4
7.5°	0.0	1.9	3.8	6.0	8.2	10.5	12.7	14.6	16.5	18.0	19.5
6.25°	0.0	1.9	3.8	6.0	8.2	10.5	12.7	14.6	16.5	18.0	19.5
5°	0.0	1.9	3.8	6.0	8.3	10.5	12.7	14.6	16.5	18.0	19.5
3.75°	0.0	1.9	3.8	6.0	8.3	10.5	12.8	14.7	16.6	18.1	19.6
2.5°	0.0	1.9	3.8	6.0	8.3	10.5	12.8	14.7	16.6	18.1	19.6
1.25°	0.0	1.9	3.8	6.0	8.3	10.5	12.8	14.7	16.6	18.1	19.6
0°	0.0	1.9	3.8	6.1	8.3	10.6	12.8	14.7	16.6	18.1	19.6
-1.25°	0.0	1.9	3.8	6.0	8.3	10.5	12.8	14.7	16.6	18.1	19.6
-2.5°	0.0	1.9	3.8	6.0	8.3	10.5	12.8	14.7	16.6	18.1	19.6
-3.75°	0.0	1.9	3.8	6.0	8.3	10.5	12.8	14.7	16.6	18.1	19.6
-5°	0.0	1.9	3.8	6.0	8.3	10.5	12.7	14.6	16.5	18.0	19.5
-6.25°	0.0	1.9	3.8	6.0	8.2	10.5	12.7	14.6	16.5	18.0	19.5
-7.5°	0.0	1.9	3.8	6.0	8.2	10.5	12.7	14.6	16.5	18.0	19.5
-8.75°	0.0	1.9	3.8	6.0	8.2	10.4	12.6	14.5	16.4	17.9	19.4
-10°	0.0	1.9	3.7	5.9	8.2	10.4	12.6	14.5	16.4	17.9	19.4
-11.25°	0.0	1.9	3.7	5.9	8.1	10.3	12.5	14.4	16.3	17.8	19.3
-12.5°	0.0	1.9	3.7	5.9	8.1	10.3	12.5	14.4	16.2	17.8	19.2
-13.75°	0.0	1.8	3.7	5.9	8.0	10.2	12.4	14.3	16.2	17.7	19.2
-15°	0.0	1.8	3.7	5.8	8.0	10.2	12.3	14.2	16.1	17.6	19.1
-16.25°	0.0	1.8	3.6	5.8	7.9	10.1	12.3	14.2	16.0	17.6	19.0
-17.5°	0.0	1.8	3.6	5.7	7.9	10.0	12.2	14.1	15.9	17.5	18.9
-18.75°	0.0	1.8	3.6	5.7	7.8	10.0	12.1	14.0	15.8	17.4	18.8
-20°	0.0	1.8	3.6	5.6	7.8	9.9	12.0	13.9	15.7	17.3	18.7
-21.25°	0.0	1.8	3.5	5.6	7.7	9.8	11.9	13.8	15.6	17.2	18.6

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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.8	3.5	5.5	7.6	9.7	11.8	13.7	15.4	17.1	18.4
-23.75°	0.0	1.7	3.5	5.5	7.5	9.6	11.7	13.6	15.3	16.9	18.3
-25°	0.0	1.7	3.4	5.4	7.5	9.5	11.5	13.4	15.2	16.8	18.2
-26.25°	0.0	1.7	3.4	5.4	7.4	9.4	11.4	13.3	15.0	16.7	18.0
-27.5°	0.0	1.7	3.4	5.3	7.3	9.3	11.3	13.2	14.9	16.5	17.9
-28.75°	0.0	1.7	3.3	5.2	7.2	9.2	11.1	13.0	14.7	16.4	17.7
-30°	0.0	1.6	3.3	5.1	7.1	9.0	11.0	12.9	14.5	16.2	17.6
-31.25°	0.0	1.6	3.2	5.1	7.0	8.9	10.8	12.8	14.4	16.0	17.4
-32.5°	0.0	1.6	3.2	5.0	6.9	8.8	10.7	12.6	14.2	15.8	17.2
-33.75°	0.0	1.6	3.2	4.9	6.8	8.6	10.5	12.4	14.0	15.6	17.0
-35°	0.0	1.6	3.1	4.8	6.7	8.5	10.3	12.2	13.8	15.4	16.9
-36.25°	0.0	1.5	3.1	4.7	6.6	8.4	10.2	12.0	13.6	15.2	16.7
-37.5°	0.0	1.5	3.0	4.7	6.4	8.2	10.0	11.8	13.4	14.9	16.4
-38.75°	0.0	1.5	3.0	4.6	6.3	8.1	9.8	11.6	13.2	14.7	16.2
-40°	0.0	1.5	2.9	4.5	6.2	7.9	9.6	11.3	13.0	14.5	15.9
-41.25°	0.0	1.4	2.9	4.4	6.1	7.8	9.4	11.1	12.8	14.2	15.6
-42.5°	0.0	1.4	2.8	4.3	5.9	7.6	9.2	10.9	12.5	14.0	15.4
-43.75°	0.0	1.4	2.7	4.2	5.8	7.4	9.0	10.7	12.3	13.7	15.1
-45°	0.0	1.3	2.7	4.1	5.7	7.2	8.8	10.4	12.0	13.5	14.8
-46.25°	0.0	1.3	2.6	4.0	5.5	7.1	8.6	10.2	11.7	13.2	14.5
-47.5°	0.0	1.3	2.6	3.9	5.4	6.9	8.4	9.9	11.4	12.9	14.2
-48.75°	0.0	1.3	2.5	3.8	5.2	6.7	8.2	9.7	11.1	12.6	13.9
-50°	0.0	1.2	2.4	3.7	5.1	6.5	8.0	9.4	10.8	12.3	13.6
-51.25°	0.0	1.2	2.4	3.6	4.9	6.3	7.7	9.1	10.5	11.9	13.2
-52.5°	0.0	1.2	2.3	3.5	4.8	6.1	7.5	8.9	10.2	11.6	12.9
-53.75°	0.0	1.1	2.2	3.4	4.6	5.9	7.3	8.6	9.9	11.2	12.5
-55°	0.0	1.1	2.2	3.3	4.5	5.7	7.0	8.3	9.6	10.9	12.1
-56.25°	0.0	1.1	2.1	3.2	4.3	5.5	6.8	8.0	9.3	10.5	11.7
-57.5°	0.0	1.0	2.0	3.1	4.1	5.3	6.5	7.7	8.9	10.1	11.3
-58.75°	0.0	1.0	2.0	3.0	4.0	5.1	6.3	7.4	8.6	9.8	10.9
-60°	0.0	0.9	1.9	2.8	3.8	4.9	6.0	7.2	8.3	9.4	10.5
-61.25°	0.0	0.9	1.8	2.7	3.7	4.7	5.8	6.9	7.9	9.0	10.1
-62.5°	0.0	0.9	1.8	2.6	3.5	4.5	5.5	6.6	7.6	8.6	9.6
-63.75°	0.0	0.8	1.7	2.5	3.4	4.3	5.3	6.2	7.2	8.2	9.2
-65°	0.0	0.8	1.6	2.4	3.2	4.0	5.0	5.9	6.9	7.8	8.7
-66.25°	0.0	0.8	1.5	2.3	3.1	3.8	4.7	5.6	6.5	7.4	8.3
-67.5°	0.0	0.7	1.5	2.2	2.9	3.6	4.5	5.3	6.2	7.0	7.9
-68.75°	0.0	0.7	1.4	2.1	2.8	3.4	4.2	5.0	5.8	6.6	7.4
-70°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.7	5.4	6.2	6.9
-71.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.7	4.3	5.1	5.8	6.5
-72.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.7	5.4	6.0
-73.75°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	4.9	5.6
-75°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.9	4.5	5.1
-76.25°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.1	4.6
-77.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.1



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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	0.4	0.7	1.1	1.5	1.8	2.2	2.6	3.0	3.3	3.7
-80°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.3
-81.25°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.9
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5
-83.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-86.25°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.8
-88.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8
87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7
86.25°	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5
85°	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4
83.75°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.8	4.0	4.3
82.5°	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.5	4.7	5.0	5.3
81.25°	3.1	3.4	3.7	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2
80°	3.6	3.9	4.3	4.7	5.1	5.4	5.8	6.2	6.5	6.9	7.2
78.75°	4.1	4.5	4.9	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2
77.5°	4.6	5.1	5.6	6.0	6.5	6.9	7.4	7.9	8.3	8.7	9.2
76.25°	5.1	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2
75°	5.6	6.2	6.8	7.3	7.9	8.4	9.0	9.5	10.1	10.6	11.1
73.75°	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4	10.9	11.5	12.1
72.5°	6.7	7.3	8.0	8.6	9.3	9.9	10.6	11.2	11.8	12.4	13.0
71.25°	7.2	7.9	8.6	9.3	10.0	10.7	11.3	12.0	12.7	13.3	13.8
70°	7.7	8.4	9.2	9.9	10.7	11.4	12.1	12.8	13.4	14.0	14.6
68.75°	8.2	9.0	9.8	10.6	11.3	12.1	12.9	13.5	14.2	14.8	15.4
67.5°	8.7	9.5	10.4	11.2	12.0	12.8	13.5	14.2	14.9	15.5	16.2
66.25°	9.2	10.1	10.9	11.8	12.7	13.4	14.2	14.9	15.6	16.3	16.9
65°	9.7	10.6	11.5	12.4	13.3	14.0	14.8	15.5	16.3	16.9	17.5
63.75°	10.2	11.1	12.1	13.0	13.8	14.6	15.4	16.2	16.9	17.5	18.1
62.5°	10.6	11.7	12.7	13.5	14.4	15.2	16.0	16.8	17.5	18.1	18.7
61.25°	11.1	12.2	13.2	14.0	14.9	15.8	16.6	17.3	18.0	18.7	19.3
60°	11.6	12.7	13.6	14.5	15.5	16.4	17.1	17.8	18.5	19.2	19.9
58.75°	12.0	13.1	14.1	15.0	16.0	16.9	17.6	18.3	19.1	19.8	20.5
57.5°	12.5	13.6	14.5	15.5	16.5	17.3	18.1	18.8	19.6	20.3	21.1
56.25°	12.9	14.0	15.0	16.0	16.9	17.7	18.5	19.3	20.1	20.9	21.7
55°	13.3	14.4	15.4	16.5	17.3	18.2	19.0	19.8	20.6	21.4	22.2
53.75°	13.7	14.8	15.9	16.9	17.7	18.6	19.5	20.3	21.1	22.0	22.8
52.5°	14.0	15.2	16.3	17.3	18.1	19.0	19.9	20.8	21.6	22.5	23.4
51.25°	14.4	15.6	16.7	17.6	18.5	19.4	20.3	21.2	22.1	23.0	23.9
50°	14.8	16.0	17.0	18.0	18.9	19.8	20.8	21.7	22.6	23.5	24.5
48.75°	15.1	16.3	17.4	18.3	19.3	20.2	21.2	22.1	23.1	24.1	25.0
47.5°	15.4	16.7	17.7	18.7	19.7	20.6	21.6	22.6	23.6	24.6	25.6
46.25°	15.8	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.1	25.1	26.4
45°	16.1	17.3	18.3	19.3	20.4	21.4	22.4	23.5	24.5	25.6	27.4
43.75°	16.4	17.5	18.6	19.7	20.7	21.8	22.8	23.9	25.0	26.4	28.4
42.5°	16.7	17.8	18.9	20.0	21.1	22.1	23.2	24.3	25.4	27.3	29.4
41.25°	17.0	18.1	19.2	20.3	21.4	22.5	23.6	24.7	26.0	28.2	30.3
40°	17.2	18.3	19.5	20.6	21.7	22.8	24.0	25.1	26.8	29.0	31.2
38.75°	17.4	18.6	19.7	20.9	22.0	23.2	24.4	25.5	27.6	29.9	32.1
37.5°	17.6	18.8	20.0	21.2	22.3	23.5	24.7	26.1	28.4	30.7	32.8
36.25°	17.9	19.1	20.3	21.4	22.6	23.9	25.1	26.8	29.2	31.5	33.6
35°	18.1	19.3	20.5	21.7	22.9	24.2	25.4	27.5	29.9	32.2	34.3



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	18.3	19.5	20.7	22.0	23.2	24.5	25.8	28.2	30.7	32.9	35.0
32.5°	18.5	19.7	21.0	22.2	23.5	24.8	26.4	28.9	31.4	33.6	35.7
31.25°	18.7	19.9	21.2	22.5	23.8	25.1	27.0	29.5	32.0	34.2	36.4
30°	18.9	20.1	21.4	22.7	24.0	25.4	27.6	30.2	32.6	34.8	37.1
28.75°	19.0	20.3	21.6	23.0	24.3	25.6	28.2	30.7	33.1	35.4	37.9
27.5°	19.2	20.5	21.8	23.2	24.5	26.1	28.7	31.3	33.7	36.0	38.6
26.25°	19.4	20.7	22.0	23.4	24.8	26.6	29.2	31.9	34.2	36.5	39.4
25°	19.5	20.9	22.2	23.6	25.0	27.0	29.7	32.3	34.7	37.1	40.1
23.75°	19.7	21.0	22.4	23.8	25.2	27.5	30.2	32.8	35.2	37.7	40.8
22.5°	19.8	21.2	22.6	24.0	25.4	27.9	30.7	33.2	35.6	38.3	41.4
21.25°	20.0	21.4	22.7	24.2	25.6	28.3	31.1	33.6	36.0	38.9	42.0
20°	20.1	21.5	22.9	24.4	25.9	28.7	31.5	34.0	36.4	39.4	42.6
18.75°	20.2	21.6	23.1	24.5	26.2	29.1	31.9	34.3	36.8	40.0	43.1
17.5°	20.3	21.7	23.2	24.7	26.5	29.4	32.2	34.7	37.2	40.5	43.7
16.25°	20.4	21.9	23.3	24.8	26.8	29.7	32.5	35.0	37.7	40.9	44.1
15°	20.5	22.0	23.4	24.9	27.1	30.0	32.7	35.3	38.1	41.3	44.4
13.75°	20.6	22.1	23.6	25.1	27.4	30.3	33.0	35.6	38.4	41.7	44.7
12.5°	20.7	22.2	23.7	25.2	27.6	30.5	33.2	35.8	38.8	42.1	45.0
11.25°	20.8	22.2	23.8	25.3	27.8	30.7	33.4	36.0	39.1	42.4	45.3
10°	20.8	22.3	23.8	25.4	28.0	30.9	33.6	36.2	39.4	42.7	45.5
8.75°	20.9	22.4	23.9	25.4	28.2	31.1	33.8	36.4	39.6	43.0	45.7
7.5°	21.0	22.4	24.0	25.5	28.3	31.3	33.9	36.6	39.8	43.2	45.9
6.25°	21.0	22.5	24.0	25.6	28.4	31.4	34.1	36.7	40.0	43.4	46.1
5°	21.0	22.5	24.1	25.6	28.5	31.5	34.2	36.8	40.1	43.5	46.2
3.75°	21.1	22.6	24.1	25.7	28.6	31.6	34.2	36.9	40.3	43.6	46.3
2.5°	21.1	22.6	24.1	25.7	28.7	31.7	34.3	37.0	40.3	43.7	46.3
1.25°	21.1	22.6	24.1	25.7	28.7	31.7	34.3	37.0	40.4	43.8	46.4
0°	21.1	22.6	24.1	25.7	28.7	31.7	34.3	37.0	40.4	43.8	46.4
-1.25°	21.1	22.6	24.1	25.7	28.7	31.7	34.3	37.0	40.4	43.8	46.4
-2.5°	21.1	22.6	24.1	25.7	28.7	31.7	34.3	37.0	40.3	43.7	46.3
-3.75°	21.1	22.6	24.1	25.7	28.6	31.6	34.2	36.9	40.3	43.6	46.3
-5°	21.0	22.5	24.1	25.6	28.5	31.5	34.2	36.8	40.1	43.5	46.2
-6.25°	21.0	22.5	24.0	25.6	28.4	31.4	34.1	36.7	40.0	43.4	46.1
-7.5°	21.0	22.4	24.0	25.5	28.3	31.3	33.9	36.6	39.8	43.2	45.9
-8.75°	20.9	22.4	23.9	25.4	28.2	31.1	33.8	36.4	39.6	43.0	45.7
-10°	20.8	22.3	23.8	25.4	28.0	30.9	33.6	36.2	39.4	42.7	45.5
-11.25°	20.8	22.2	23.8	25.3	27.8	30.7	33.4	36.0	39.1	42.4	45.3
-12.5°	20.7	22.2	23.7	25.2	27.6	30.5	33.2	35.8	38.8	42.1	45.0
-13.75°	20.6	22.1	23.6	25.1	27.4	30.3	33.0	35.6	38.4	41.7	44.7
-15°	20.5	22.0	23.4	24.9	27.1	30.0	32.7	35.3	38.1	41.3	44.4
-16.25°	20.4	21.9	23.3	24.8	26.8	29.7	32.5	35.0	37.7	40.9	44.1
-17.5°	20.3	21.7	23.2	24.7	26.5	29.4	32.2	34.7	37.2	40.5	43.7
-18.75°	20.2	21.6	23.1	24.5	26.2	29.1	31.9	34.3	36.8	40.0	43.1
-20°	20.1	21.5	22.9	24.4	25.9	28.7	31.5	34.0	36.4	39.4	42.6
-21.25°	20.0	21.4	22.7	24.2	25.6	28.3	31.1	33.6	36.0	38.9	42.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	19.8	21.2	22.6	24.0	25.4	27.9	30.7	33.2	35.6	38.3	41.4
-23.75°	19.7	21.0	22.4	23.8	25.2	27.5	30.2	32.8	35.2	37.7	40.8
-25°	19.5	20.9	22.2	23.6	25.0	27.0	29.7	32.3	34.7	37.1	40.1
-26.25°	19.4	20.7	22.0	23.4	24.8	26.6	29.2	31.9	34.2	36.5	39.4
-27.5°	19.2	20.5	21.8	23.2	24.5	26.1	28.7	31.3	33.7	36.0	38.6
-28.75°	19.0	20.3	21.6	23.0	24.3	25.6	28.2	30.7	33.1	35.4	37.9
-30°	18.9	20.1	21.4	22.7	24.0	25.4	27.6	30.2	32.6	34.8	37.1
-31.25°	18.7	19.9	21.2	22.5	23.8	25.1	27.0	29.5	32.0	34.2	36.4
-32.5°	18.5	19.7	21.0	22.2	23.5	24.8	26.4	28.9	31.4	33.6	35.7
-33.75°	18.3	19.5	20.7	22.0	23.2	24.5	25.8	28.2	30.7	32.9	35.0
-35°	18.1	19.3	20.5	21.7	22.9	24.2	25.4	27.5	29.9	32.2	34.3
-36.25°	17.9	19.1	20.3	21.4	22.6	23.9	25.1	26.8	29.2	31.5	33.6
-37.5°	17.6	18.8	20.0	21.2	22.3	23.5	24.7	26.1	28.4	30.7	32.8
-38.75°	17.4	18.6	19.7	20.9	22.0	23.2	24.4	25.5	27.6	29.9	32.1
-40°	17.2	18.3	19.5	20.6	21.7	22.8	24.0	25.1	26.8	29.0	31.2
-41.25°	17.0	18.1	19.2	20.3	21.4	22.5	23.6	24.7	26.0	28.2	30.3
-42.5°	16.7	17.8	18.9	20.0	21.1	22.1	23.2	24.3	25.4	27.3	29.4
-43.75°	16.4	17.5	18.6	19.7	20.7	21.8	22.8	23.9	25.0	26.4	28.4
-45°	16.1	17.3	18.3	19.3	20.4	21.4	22.4	23.5	24.5	25.6	27.4
-46.25°	15.8	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.1	25.1	26.4
-47.5°	15.4	16.7	17.7	18.7	19.7	20.6	21.6	22.6	23.6	24.6	25.6
-48.75°	15.1	16.3	17.4	18.3	19.3	20.2	21.2	22.1	23.1	24.1	25.0
-50°	14.8	16.0	17.0	18.0	18.9	19.8	20.8	21.7	22.6	23.5	24.5
-51.25°	14.4	15.6	16.7	17.6	18.5	19.4	20.3	21.2	22.1	23.0	23.9
-52.5°	14.0	15.2	16.3	17.3	18.1	19.0	19.9	20.8	21.6	22.5	23.4
-53.75°	13.7	14.8	15.9	16.9	17.7	18.6	19.5	20.3	21.1	22.0	22.8
-55°	13.3	14.4	15.4	16.5	17.3	18.2	19.0	19.8	20.6	21.4	22.2
-56.25°	12.9	14.0	15.0	16.0	16.9	17.7	18.5	19.3	20.1	20.9	21.7
-57.5°	12.5	13.6	14.5	15.5	16.5	17.3	18.1	18.8	19.6	20.3	21.1
-58.75°	12.0	13.1	14.1	15.0	16.0	16.9	17.6	18.3	19.1	19.8	20.5
-60°	11.6	12.7	13.6	14.5	15.5	16.4	17.1	17.8	18.5	19.2	19.9
-61.25°	11.1	12.2	13.2	14.0	14.9	15.8	16.6	17.3	18.0	18.7	19.3
-62.5°	10.6	11.7	12.7	13.5	14.4	15.2	16.0	16.8	17.5	18.1	18.7
-63.75°	10.2	11.1	12.1	13.0	13.8	14.6	15.4	16.2	16.9	17.5	18.1
-65°	9.7	10.6	11.5	12.4	13.3	14.0	14.8	15.5	16.3	16.9	17.5
-66.25°	9.2	10.1	10.9	11.8	12.7	13.4	14.2	14.9	15.6	16.3	16.9
-67.5°	8.7	9.5	10.4	11.2	12.0	12.8	13.5	14.2	14.9	15.5	16.2
-68.75°	8.2	9.0	9.8	10.6	11.3	12.1	12.9	13.5	14.2	14.8	15.4
-70°	7.7	8.4	9.2	9.9	10.7	11.4	12.1	12.8	13.4	14.0	14.6
-71.25°	7.2	7.9	8.6	9.3	10.0	10.7	11.3	12.0	12.7	13.3	13.8
-72.5°	6.7	7.3	8.0	8.6	9.3	9.9	10.6	11.2	11.8	12.4	13.0
-73.75°	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4	10.9	11.5	12.1
-75°	5.6	6.2	6.8	7.3	7.9	8.4	9.0	9.5	10.1	10.6	11.1
-76.25°	5.1	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2
-77.5°	4.6	5.1	5.6	6.0	6.5	6.9	7.4	7.9	8.3	8.7	9.2



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	4.1	4.5	4.9	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2
-80°	3.6	3.9	4.3	4.7	5.1	5.4	5.8	6.2	6.5	6.9	7.2
-81.25°	3.1	3.4	3.7	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2
-82.5°	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.5	4.7	5.0	5.3
-83.75°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.6	3.8	4.0	4.3
-85°	1.8	2.0	2.1	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.4
-86.25°	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7
-88.75°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
87.5°	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.4
86.25°	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
85°	3.5	3.7	3.8	4.0	4.1	4.3	4.5	4.6	4.8	4.9	5.1
83.75°	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
82.5°	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.7	8.0
81.25°	6.6	6.9	7.2	7.4	7.7	8.0	8.3	8.6	8.9	9.1	9.4
80°	7.6	7.9	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5	10.8
78.75°	8.6	9.0	9.4	9.8	10.1	10.5	10.9	11.2	11.6	11.9	12.3
77.5°	9.6	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.2	13.6
76.25°	10.6	11.1	11.6	12.0	12.5	12.9	13.3	13.7	14.0	14.4	14.8
75°	11.7	12.2	12.7	13.1	13.6	14.0	14.4	14.8	15.2	15.6	16.0
73.75°	12.7	13.2	13.6	14.1	14.5	15.0	15.4	15.9	16.3	16.7	17.0
72.5°	13.5	14.0	14.5	15.0	15.5	16.0	16.5	16.9	17.3	17.6	18.0
71.25°	14.4	14.9	15.5	16.0	16.5	16.9	17.3	17.7	18.1	18.5	18.9
70°	15.2	15.8	16.4	16.9	17.3	17.7	18.2	18.6	19.0	19.4	19.8
68.75°	16.0	16.6	17.1	17.6	18.1	18.5	19.0	19.5	19.9	20.3	20.8
67.5°	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.2	21.7
66.25°	17.5	18.0	18.5	19.1	19.6	20.1	20.6	21.1	21.6	22.1	22.6
65°	18.1	18.7	19.2	19.8	20.3	20.9	21.4	22.0	22.5	23.0	23.5
63.75°	18.7	19.3	19.9	20.5	21.1	21.7	22.2	22.8	23.4	23.9	24.5
62.5°	19.4	20.0	20.6	21.2	21.8	22.4	23.0	23.6	24.2	24.8	25.4
61.25°	20.0	20.7	21.3	21.9	22.6	23.2	23.9	24.5	25.1	25.8	26.9
60°	20.6	21.3	22.0	22.6	23.3	24.0	24.7	25.3	26.2	27.5	28.7
58.75°	21.2	21.9	22.6	23.4	24.1	24.8	25.5	26.6	27.9	29.2	30.4
57.5°	21.8	22.6	23.3	24.1	24.8	25.5	26.8	28.2	29.5	30.9	32.1
56.25°	22.4	23.2	24.0	24.8	25.5	26.8	28.3	29.7	31.1	32.4	33.7
55°	23.0	23.9	24.7	25.5	26.8	28.3	29.8	31.3	32.6	33.9	35.2
53.75°	23.6	24.5	25.3	26.6	28.2	29.7	31.3	32.7	34.0	35.4	36.7
52.5°	24.2	25.1	26.2	27.9	29.5	31.1	32.6	34.0	35.4	36.8	38.5
51.25°	24.8	25.8	27.5	29.2	30.9	32.4	33.9	35.4	36.8	38.5	40.3
50°	25.4	26.9	28.7	30.4	32.1	33.7	35.2	36.7	38.5	40.3	42.2
48.75°	26.2	28.1	29.9	31.7	33.3	34.9	36.4	38.2	40.2	42.1	44.0
47.5°	27.3	29.2	31.1	32.8	34.4	36.0	37.8	39.8	41.9	43.8	45.3
46.25°	28.4	30.3	32.2	33.9	35.5	37.3	39.4	41.4	43.5	45.1	46.7
45°	29.4	31.4	33.2	34.9	36.6	38.7	40.9	43.0	44.8	46.4	48.0
43.75°	30.5	32.4	34.2	36.0	37.9	40.2	42.4	44.4	46.1	47.7	49.3
42.5°	31.5	33.3	35.2	37.0	39.3	41.6	43.8	45.6	47.3	49.0	50.5
41.25°	32.4	34.2	36.1	38.2	40.6	43.0	44.9	46.7	48.5	50.1	51.6
40°	33.2	35.1	37.1	39.5	41.9	44.2	46.0	47.8	49.5	51.1	52.7
38.75°	34.0	36.0	38.2	40.7	43.2	45.2	47.1	48.9	50.6	52.2	53.7
37.5°	34.9	36.9	39.4	41.9	44.3	46.2	48.1	49.9	51.5	53.2	54.4
36.25°	35.6	37.9	40.5	43.1	45.2	47.2	49.1	50.8	52.5	54.0	55.1
35°	36.4	38.9	41.6	44.1	46.1	48.1	50.0	51.7	53.4	54.6	55.7



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	37.2	39.9	42.6	45.0	47.0	49.0	50.8	52.6	54.1	55.2	56.4
32.5°	38.1	40.9	43.6	45.8	47.8	49.8	51.6	53.4	54.7	55.8	57.1
31.25°	39.0	41.8	44.4	46.6	48.7	50.6	52.4	54.0	55.2	56.4	57.9
30°	39.9	42.8	45.2	47.3	49.4	51.3	53.2	54.6	55.8	57.1	58.6
28.75°	40.8	43.6	45.9	48.1	50.1	52.0	53.8	55.1	56.3	57.8	59.3
27.5°	41.6	44.3	46.6	48.8	50.8	52.7	54.3	55.6	56.9	58.5	60.0
26.25°	42.3	45.0	47.2	49.4	51.4	53.4	54.8	56.0	57.5	59.1	60.6
25°	43.1	45.6	47.8	50.0	52.0	53.9	55.2	56.5	58.1	59.7	61.2
23.75°	43.8	46.1	48.5	50.6	52.6	54.3	55.6	57.0	58.7	60.3	61.6
22.5°	44.3	46.7	49.0	51.1	53.2	54.7	56.0	57.5	59.2	60.8	62.1
21.25°	44.8	47.2	49.5	51.6	53.7	55.0	56.4	58.0	59.7	61.2	62.6
20°	45.3	47.7	50.0	52.1	54.0	55.4	56.8	58.5	60.2	61.6	63.0
18.75°	45.7	48.2	50.4	52.5	54.3	55.7	57.2	59.0	60.6	62.0	63.4
17.5°	46.1	48.6	50.8	53.0	54.6	56.0	57.6	59.4	61.0	62.4	63.8
16.25°	46.5	49.0	51.2	53.4	54.9	56.3	58.0	59.8	61.3	62.7	64.1
15°	46.9	49.3	51.5	53.7	55.1	56.5	58.3	60.1	61.6	63.0	64.5
13.75°	47.2	49.6	51.9	53.9	55.4	56.8	58.7	60.5	61.9	63.3	64.8
12.5°	47.5	49.9	52.2	54.1	55.6	57.1	59.0	60.7	62.2	63.6	65.0
11.25°	47.8	50.2	52.4	54.3	55.8	57.4	59.2	60.9	62.4	63.8	65.3
10°	48.1	50.4	52.7	54.5	55.9	57.6	59.5	61.1	62.6	64.1	65.5
8.75°	48.3	50.6	52.9	54.6	56.1	57.8	59.7	61.3	62.8	64.3	65.7
7.5°	48.5	50.8	53.1	54.7	56.2	58.0	59.9	61.5	62.9	64.4	65.9
6.25°	48.6	51.0	53.2	54.9	56.3	58.2	60.0	61.6	63.1	64.6	66.1
5°	48.8	51.1	53.4	54.9	56.4	58.3	60.2	61.7	63.2	64.7	66.2
3.75°	48.9	51.2	53.5	55.0	56.5	58.4	60.3	61.8	63.3	64.8	66.3
2.5°	48.9	51.2	53.5	55.1	56.6	58.4	60.3	61.9	63.3	64.8	66.3
1.25°	49.0	51.3	53.6	55.1	56.6	58.5	60.4	61.9	63.4	64.9	66.4
0°	49.0	51.3	53.6	55.1	56.6	58.5	60.4	61.9	63.4	64.9	66.4
-1.25°	49.0	51.3	53.6	55.1	56.6	58.5	60.4	61.9	63.4	64.9	66.4
-2.5°	48.9	51.2	53.5	55.1	56.6	58.4	60.3	61.9	63.3	64.8	66.3
-3.75°	48.9	51.2	53.5	55.0	56.5	58.4	60.3	61.8	63.3	64.8	66.3
-5°	48.8	51.1	53.4	54.9	56.4	58.3	60.2	61.7	63.2	64.7	66.2
-6.25°	48.6	51.0	53.2	54.9	56.3	58.2	60.0	61.6	63.1	64.6	66.1
-7.5°	48.5	50.8	53.1	54.7	56.2	58.0	59.9	61.5	62.9	64.4	65.9
-8.75°	48.3	50.6	52.9	54.6	56.1	57.8	59.7	61.3	62.8	64.3	65.7
-10°	48.1	50.4	52.7	54.5	55.9	57.6	59.5	61.1	62.6	64.1	65.5
-11.25°	47.8	50.2	52.4	54.3	55.8	57.4	59.2	60.9	62.4	63.8	65.3
-12.5°	47.5	49.9	52.2	54.1	55.6	57.1	59.0	60.7	62.2	63.6	65.0
-13.75°	47.2	49.6	51.9	53.9	55.4	56.8	58.7	60.5	61.9	63.3	64.8
-15°	46.9	49.3	51.5	53.7	55.1	56.5	58.3	60.1	61.6	63.0	64.5
-16.25°	46.5	49.0	51.2	53.4	54.9	56.3	58.0	59.8	61.3	62.7	64.1
-17.5°	46.1	48.6	50.8	53.0	54.6	56.0	57.6	59.4	61.0	62.4	63.8
-18.75°	45.7	48.2	50.4	52.5	54.3	55.7	57.2	59.0	60.6	62.0	63.4
-20°	45.3	47.7	50.0	52.1	54.0	55.4	56.8	58.5	60.2	61.6	63.0
-21.25°	44.8	47.2	49.5	51.6	53.7	55.0	56.4	58.0	59.7	61.2	62.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	44.3	46.7	49.0	51.1	53.2	54.7	56.0	57.5	59.2	60.8	62.1
-23.75°	43.8	46.1	48.5	50.6	52.6	54.3	55.6	57.0	58.7	60.3	61.6
-25°	43.1	45.6	47.8	50.0	52.0	53.9	55.2	56.5	58.1	59.7	61.2
-26.25°	42.3	45.0	47.2	49.4	51.4	53.4	54.8	56.0	57.5	59.1	60.6
-27.5°	41.6	44.3	46.6	48.8	50.8	52.7	54.3	55.6	56.9	58.5	60.0
-28.75°	40.8	43.6	45.9	48.1	50.1	52.0	53.8	55.1	56.3	57.8	59.3
-30°	39.9	42.8	45.2	47.3	49.4	51.3	53.2	54.6	55.8	57.1	58.6
-31.25°	39.0	41.8	44.4	46.6	48.7	50.6	52.4	54.0	55.2	56.4	57.9
-32.5°	38.1	40.9	43.6	45.8	47.8	49.8	51.6	53.4	54.7	55.8	57.1
-33.75°	37.2	39.9	42.6	45.0	47.0	49.0	50.8	52.6	54.1	55.2	56.4
-35°	36.4	38.9	41.6	44.1	46.1	48.1	50.0	51.7	53.4	54.6	55.7
-36.25°	35.6	37.9	40.5	43.1	45.2	47.2	49.1	50.8	52.5	54.0	55.1
-37.5°	34.9	36.9	39.4	41.9	44.3	46.2	48.1	49.9	51.5	53.2	54.4
-38.75°	34.0	36.0	38.2	40.7	43.2	45.2	47.1	48.9	50.6	52.2	53.7
-40°	33.2	35.1	37.1	39.5	41.9	44.2	46.0	47.8	49.5	51.1	52.7
-41.25°	32.4	34.2	36.1	38.2	40.6	43.0	44.9	46.7	48.5	50.1	51.6
-42.5°	31.5	33.3	35.2	37.0	39.3	41.6	43.8	45.6	47.3	49.0	50.5
-43.75°	30.5	32.4	34.2	36.0	37.9	40.2	42.4	44.4	46.1	47.7	49.3
-45°	29.4	31.4	33.2	34.9	36.6	38.7	40.9	43.0	44.8	46.4	48.0
-46.25°	28.4	30.3	32.2	33.9	35.5	37.3	39.4	41.4	43.5	45.1	46.7
-47.5°	27.3	29.2	31.1	32.8	34.4	36.0	37.8	39.8	41.9	43.8	45.3
-48.75°	26.2	28.1	29.9	31.7	33.3	34.9	36.4	38.2	40.2	42.1	44.0
-50°	25.4	26.9	28.7	30.4	32.1	33.7	35.2	36.7	38.5	40.3	42.2
-51.25°	24.8	25.8	27.5	29.2	30.9	32.4	33.9	35.4	36.8	38.5	40.3
-52.5°	24.2	25.1	26.2	27.9	29.5	31.1	32.6	34.0	35.4	36.8	38.5
-53.75°	23.6	24.5	25.3	26.6	28.2	29.7	31.3	32.7	34.0	35.4	36.7
-55°	23.0	23.9	24.7	25.5	26.8	28.3	29.8	31.3	32.6	33.9	35.2
-56.25°	22.4	23.2	24.0	24.8	25.5	26.8	28.3	29.7	31.1	32.4	33.7
-57.5°	21.8	22.6	23.3	24.1	24.8	25.5	26.8	28.2	29.5	30.9	32.1
-58.75°	21.2	21.9	22.6	23.4	24.1	24.8	25.5	26.6	27.9	29.2	30.4
-60°	20.6	21.3	22.0	22.6	23.3	24.0	24.7	25.3	26.2	27.5	28.7
-61.25°	20.0	20.7	21.3	21.9	22.6	23.2	23.9	24.5	25.1	25.8	26.9
-62.5°	19.4	20.0	20.6	21.2	21.8	22.4	23.0	23.6	24.2	24.8	25.4
-63.75°	18.7	19.3	19.9	20.5	21.1	21.7	22.2	22.8	23.4	23.9	24.5
-65°	18.1	18.7	19.2	19.8	20.3	20.9	21.4	22.0	22.5	23.0	23.5
-66.25°	17.5	18.0	18.5	19.1	19.6	20.1	20.6	21.1	21.6	22.1	22.6
-67.5°	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.2	21.7
-68.75°	16.0	16.6	17.1	17.6	18.1	18.5	19.0	19.5	19.9	20.3	20.8
-70°	15.2	15.8	16.4	16.9	17.3	17.7	18.2	18.6	19.0	19.4	19.8
-71.25°	14.4	14.9	15.5	16.0	16.5	16.9	17.3	17.7	18.1	18.5	18.9
-72.5°	13.5	14.0	14.5	15.0	15.5	16.0	16.5	16.9	17.3	17.6	18.0
-73.75°	12.7	13.2	13.6	14.1	14.5	15.0	15.4	15.9	16.3	16.7	17.0
-75°	11.7	12.2	12.7	13.1	13.6	14.0	14.4	14.8	15.2	15.6	16.0
-76.25°	10.6	11.1	11.6	12.0	12.5	12.9	13.3	13.7	14.0	14.4	14.8
-77.5°	9.6	10.1	10.5	10.9	11.3	11.7	12.1	12.5	12.9	13.2	13.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	8.6	9.0	9.4	9.8	10.1	10.5	10.9	11.2	11.6	11.9	12.3
-80°	7.6	7.9	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5	10.8
-81.25°	6.6	6.9	7.2	7.4	7.7	8.0	8.3	8.6	8.9	9.1	9.4
-82.5°	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.7	8.0
-83.75°	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5
-85°	3.5	3.7	3.8	4.0	4.1	4.3	4.5	4.6	4.8	4.9	5.1
-86.25°	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
-87.5°	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.4
-88.75°	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5
87.5°	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.1
86.25°	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7
85°	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6
83.75°	6.7	6.9	7.1	7.2	7.4	7.6	7.8	7.9	8.1	8.2	8.4
82.5°	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2
81.25°	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.3	11.6	11.8	12.0
80°	11.1	11.4	11.7	12.0	12.3	12.5	12.8	13.0	13.2	13.4	13.6
78.75°	12.6	12.9	13.2	13.5	13.7	14.0	14.2	14.5	14.7	14.9	15.2
77.5°	13.9	14.2	14.5	14.8	15.1	15.4	15.6	15.9	16.2	16.4	16.7
76.25°	15.1	15.4	15.8	16.1	16.4	16.7	17.0	17.2	17.4	17.6	17.9
75°	16.3	16.7	17.0	17.3	17.5	17.8	18.1	18.3	18.6	18.8	19.1
73.75°	17.4	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.7	20.0	20.3
72.5°	18.3	18.7	19.0	19.3	19.7	20.0	20.3	20.6	20.9	21.2	21.4
71.25°	19.3	19.7	20.0	20.4	20.7	21.1	21.4	21.7	22.0	22.3	22.6
70°	20.2	20.6	21.0	21.4	21.8	22.1	22.5	22.8	23.2	23.5	23.9
68.75°	21.2	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.7	25.1
67.5°	22.1	22.6	23.0	23.5	23.9	24.3	24.7	25.1	25.5	26.1	26.8
66.25°	23.1	23.6	24.1	24.5	25.0	25.4	26.0	26.8	27.6	28.4	29.2
65°	24.1	24.6	25.1	25.6	26.4	27.3	28.2	29.0	29.9	30.7	31.5
63.75°	25.0	25.6	26.4	27.4	28.4	29.4	30.3	31.2	32.1	32.8	33.6
62.5°	26.2	27.3	28.4	29.4	30.5	31.5	32.4	33.2	34.0	34.9	35.6
61.25°	28.1	29.2	30.3	31.4	32.4	33.3	34.2	35.1	36.0	36.9	37.9
60°	29.9	31.1	32.2	33.2	34.2	35.2	36.1	37.1	38.2	39.4	40.5
58.75°	31.7	32.8	33.9	34.9	36.0	37.0	38.2	39.5	40.7	41.9	43.1
57.5°	33.3	34.4	35.5	36.6	37.9	39.3	40.6	41.9	43.2	44.3	45.2
56.25°	34.9	36.0	37.3	38.7	40.2	41.6	43.0	44.2	45.2	46.2	47.2
55°	36.4	37.8	39.4	40.9	42.4	43.8	44.9	46.0	47.1	48.1	49.1
53.75°	38.2	39.8	41.4	43.0	44.4	45.6	46.7	47.8	48.9	49.9	50.8
52.5°	40.2	41.9	43.5	44.8	46.1	47.3	48.5	49.5	50.6	51.5	52.5
51.25°	42.1	43.8	45.1	46.4	47.7	49.0	50.1	51.1	52.2	53.2	54.0
50°	44.0	45.3	46.7	48.0	49.3	50.5	51.6	52.7	53.7	54.4	55.1
48.75°	45.4	46.8	48.2	49.5	50.7	51.9	53.1	54.0	54.7	55.4	56.1
47.5°	46.8	48.3	49.6	50.9	52.1	53.4	54.2	55.0	55.8	56.5	57.4
46.25°	48.2	49.6	51.0	52.3	53.5	54.4	55.2	56.0	56.8	57.8	58.7
45°	49.5	50.9	52.3	53.6	54.5	55.3	56.1	57.1	58.1	59.1	60.0
43.75°	50.7	52.1	53.5	54.5	55.3	56.2	57.2	58.3	59.3	60.3	61.2
42.5°	51.9	53.4	54.4	55.3	56.2	57.2	58.4	59.5	60.5	61.4	62.2
41.25°	53.1	54.2	55.2	56.1	57.2	58.4	59.5	60.6	61.5	62.3	63.2
40°	54.0	55.0	56.0	57.1	58.3	59.5	60.6	61.5	62.4	63.3	64.2
38.75°	54.7	55.8	56.8	58.1	59.3	60.5	61.5	62.4	63.4	64.3	65.2
37.5°	55.4	56.5	57.8	59.1	60.3	61.4	62.3	63.3	64.3	65.2	66.1
36.25°	56.1	57.4	58.7	60.0	61.2	62.2	63.2	64.2	65.2	66.1	67.8
35°	56.9	58.3	59.6	60.9	61.9	63.0	64.0	65.0	66.0	67.7	69.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	57.7	59.1	60.5	61.6	62.7	63.8	64.8	65.9	67.4	69.5	71.5
32.5°	58.6	60.0	61.2	62.3	63.4	64.5	65.6	67.0	69.1	71.2	74.9
31.25°	59.4	60.7	61.9	63.0	64.2	65.3	66.4	68.6	70.8	73.8	80.0
30°	60.1	61.4	62.5	63.7	64.9	66.0	67.9	70.1	72.4	78.7	84.9
28.75°	60.8	62.0	63.2	64.4	65.6	67.0	69.4	71.7	76.8	83.3	89.8
27.5°	61.4	62.6	63.8	65.0	66.2	68.4	70.8	74.5	81.2	87.9	97.9
26.25°	61.9	63.2	64.4	65.6	67.3	69.7	72.2	78.6	85.5	94.2	105.8
25°	62.4	63.7	65.0	66.2	68.5	71.0	75.6	82.6	89.6	101.6	113.5
23.75°	62.9	64.2	65.5	67.2	69.7	72.3	79.3	86.5	96.4	108.7	120.9
22.5°	63.4	64.7	66.0	68.3	70.9	75.4	82.8	90.4	103.1	115.6	128.4
21.25°	63.9	65.2	66.7	69.3	72.0	78.7	86.2	96.5	109.4	122.3	135.6
20°	64.3	65.7	67.7	70.3	74.1	81.8	89.5	102.4	115.5	128.9	142.4
18.75°	64.8	66.1	68.6	71.3	77.0	84.8	94.5	107.9	121.3	135.2	148.9
17.5°	65.2	66.7	69.4	72.2	79.7	87.6	99.6	113.2	127.0	141.1	156.1
16.25°	65.5	67.4	70.2	74.2	82.2	90.5	104.3	118.1	132.4	146.7	163.6
15°	65.9	68.2	71.0	76.4	84.6	94.8	108.8	122.9	137.4	152.0	170.6
13.75°	66.2	68.8	71.7	78.5	86.7	98.7	112.9	127.3	142.1	158.3	177.2
12.5°	66.6	69.4	72.3	80.5	88.7	102.3	116.7	131.5	146.4	164.1	183.2
11.25°	67.1	70.0	73.8	82.2	91.1	105.6	120.1	135.2	150.3	169.4	188.7
10°	67.6	70.5	75.3	83.8	94.0	108.6	123.4	138.6	154.5	174.1	193.7
8.75°	68.0	70.9	76.7	85.2	96.5	111.3	126.3	141.6	158.6	178.4	198.1
7.5°	68.4	71.3	77.8	86.4	98.7	113.6	128.8	144.3	162.1	182.0	202.0
6.25°	68.7	71.7	78.8	87.4	100.6	115.5	130.9	146.5	165.1	185.2	205.2
5°	68.9	71.9	79.6	88.3	102.2	117.1	132.7	148.3	167.6	187.8	207.9
3.75°	69.1	72.1	80.3	88.9	103.4	118.4	134.0	149.8	169.5	189.8	210.0
2.5°	69.3	72.3	80.7	89.4	104.2	119.3	135.0	150.8	170.9	191.2	211.5
1.25°	69.4	72.4	81.0	89.7	104.7	119.8	135.6	151.4	171.7	192.1	212.4
0°	69.4	72.4	81.1	89.8	104.9	120.0	135.8	151.6	172.0	192.4	212.8
-1.25°	69.4	72.4	81.0	89.7	104.7	119.8	135.6	151.4	171.7	192.1	212.4
-2.5°	69.3	72.3	80.7	89.4	104.2	119.3	135.0	150.8	170.9	191.2	211.5
-3.75°	69.1	72.1	80.3	88.9	103.4	118.4	134.0	149.8	169.5	189.8	210.0
-5°	68.9	71.9	79.6	88.3	102.2	117.1	132.7	148.3	167.6	187.8	207.9
-6.25°	68.7	71.7	78.8	87.4	100.6	115.5	130.9	146.5	165.1	185.2	205.2
-7.5°	68.4	71.3	77.8	86.4	98.7	113.6	128.8	144.3	162.1	182.0	202.0
-8.75°	68.0	70.9	76.7	85.2	96.5	111.3	126.3	141.6	158.6	178.4	198.1
-10°	67.6	70.5	75.3	83.8	94.0	108.6	123.4	138.6	154.5	174.1	193.7
-11.25°	67.1	70.0	73.8	82.2	91.1	105.6	120.1	135.2	150.3	169.4	188.7
-12.5°	66.6	69.4	72.3	80.5	88.7	102.3	116.7	131.5	146.4	164.1	183.2
-13.75°	66.2	68.8	71.7	78.5	86.7	98.7	112.9	127.3	142.1	158.3	177.2
-15°	65.9	68.2	71.0	76.4	84.6	94.8	108.8	122.9	137.4	152.0	170.6
-16.25°	65.5	67.4	70.2	74.2	82.2	90.5	104.3	118.1	132.4	146.7	163.6
-17.5°	65.2	66.7	69.4	72.2	79.7	87.6	99.6	113.2	127.0	141.1	156.1
-18.75°	64.8	66.1	68.6	71.3	77.0	84.8	94.5	107.9	121.3	135.2	148.9
-20°	64.3	65.7	67.7	70.3	74.1	81.8	89.5	102.4	115.5	128.9	142.4
-21.25°	63.9	65.2	66.7	69.3	72.0	78.7	86.2	96.5	109.4	122.3	135.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	63.4	64.7	66.0	68.3	70.9	75.4	82.8	90.4	103.1	115.6	128.4
-23.75°	62.9	64.2	65.5	67.2	69.7	72.3	79.3	86.5	96.4	108.7	120.9
-25°	62.4	63.7	65.0	66.2	68.5	71.0	75.6	82.6	89.6	101.6	113.5
-26.25°	61.9	63.2	64.4	65.6	67.3	69.7	72.2	78.6	85.5	94.2	105.8
-27.5°	61.4	62.6	63.8	65.0	66.2	68.4	70.8	74.5	81.2	87.9	97.9
-28.75°	60.8	62.0	63.2	64.4	65.6	67.0	69.4	71.7	76.8	83.3	89.8
-30°	60.1	61.4	62.5	63.7	64.9	66.0	67.9	70.1	72.4	78.7	84.9
-31.25°	59.4	60.7	61.9	63.0	64.2	65.3	66.4	68.6	70.8	73.8	80.0
-32.5°	58.6	60.0	61.2	62.3	63.4	64.5	65.6	67.0	69.1	71.2	74.9
-33.75°	57.7	59.1	60.5	61.6	62.7	63.8	64.8	65.9	67.4	69.5	71.5
-35°	56.9	58.3	59.6	60.9	61.9	63.0	64.0	65.0	66.0	67.7	69.6
-36.25°	56.1	57.4	58.7	60.0	61.2	62.2	63.2	64.2	65.2	66.1	67.8
-37.5°	55.4	56.5	57.8	59.1	60.3	61.4	62.3	63.3	64.3	65.2	66.1
-38.75°	54.7	55.8	56.8	58.1	59.3	60.5	61.5	62.4	63.4	64.3	65.2
-40°	54.0	55.0	56.0	57.1	58.3	59.5	60.6	61.5	62.4	63.3	64.2
-41.25°	53.1	54.2	55.2	56.1	57.2	58.4	59.5	60.6	61.5	62.3	63.2
-42.5°	51.9	53.4	54.4	55.3	56.2	57.2	58.4	59.5	60.5	61.4	62.2
-43.75°	50.7	52.1	53.5	54.5	55.3	56.2	57.2	58.3	59.3	60.3	61.2
-45°	49.5	50.9	52.3	53.6	54.5	55.3	56.1	57.1	58.1	59.1	60.0
-46.25°	48.2	49.6	51.0	52.3	53.5	54.4	55.2	56.0	56.8	57.8	58.7
-47.5°	46.8	48.3	49.6	50.9	52.1	53.4	54.2	55.0	55.8	56.5	57.4
-48.75°	45.4	46.8	48.2	49.5	50.7	51.9	53.1	54.0	54.7	55.4	56.1
-50°	44.0	45.3	46.7	48.0	49.3	50.5	51.6	52.7	53.7	54.4	55.1
-51.25°	42.1	43.8	45.1	46.4	47.7	49.0	50.1	51.1	52.2	53.2	54.0
-52.5°	40.2	41.9	43.5	44.8	46.1	47.3	48.5	49.5	50.6	51.5	52.5
-53.75°	38.2	39.8	41.4	43.0	44.4	45.6	46.7	47.8	48.9	49.9	50.8
-55°	36.4	37.8	39.4	40.9	42.4	43.8	44.9	46.0	47.1	48.1	49.1
-56.25°	34.9	36.0	37.3	38.7	40.2	41.6	43.0	44.2	45.2	46.2	47.2
-57.5°	33.3	34.4	35.5	36.6	37.9	39.3	40.6	41.9	43.2	44.3	45.2
-58.75°	31.7	32.8	33.9	34.9	36.0	37.0	38.2	39.5	40.7	41.9	43.1
-60°	29.9	31.1	32.2	33.2	34.2	35.2	36.1	37.1	38.2	39.4	40.5
-61.25°	28.1	29.2	30.3	31.4	32.4	33.3	34.2	35.1	36.0	36.9	37.9
-62.5°	26.2	27.3	28.4	29.4	30.5	31.5	32.4	33.2	34.0	34.9	35.6
-63.75°	25.0	25.6	26.4	27.4	28.4	29.4	30.3	31.2	32.1	32.8	33.6
-65°	24.1	24.6	25.1	25.6	26.4	27.3	28.2	29.0	29.9	30.7	31.5
-66.25°	23.1	23.6	24.1	24.5	25.0	25.4	26.0	26.8	27.6	28.4	29.2
-67.5°	22.1	22.6	23.0	23.5	23.9	24.3	24.7	25.1	25.5	26.1	26.8
-68.75°	21.2	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.7	25.1
-70°	20.2	20.6	21.0	21.4	21.8	22.1	22.5	22.8	23.2	23.5	23.9
-71.25°	19.3	19.7	20.0	20.4	20.7	21.1	21.4	21.7	22.0	22.3	22.6
-72.5°	18.3	18.7	19.0	19.3	19.7	20.0	20.3	20.6	20.9	21.2	21.4
-73.75°	17.4	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.7	20.0	20.3
-75°	16.3	16.7	17.0	17.3	17.5	17.8	18.1	18.3	18.6	18.8	19.1
-76.25°	15.1	15.4	15.8	16.1	16.4	16.7	17.0	17.2	17.4	17.6	17.9
-77.5°	13.9	14.2	14.5	14.8	15.1	15.4	15.6	15.9	16.2	16.4	16.7



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	12.6	12.9	13.2	13.5	13.7	14.0	14.2	14.5	14.7	14.9	15.2
-80°	11.1	11.4	11.7	12.0	12.3	12.5	12.8	13.0	13.2	13.4	13.6
-81.25°	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.3	11.6	11.8	12.0
-82.5°	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2
-83.75°	6.7	6.9	7.1	7.2	7.4	7.6	7.8	7.9	8.1	8.2	8.4
-85°	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6
-86.25°	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7
-87.5°	2.5	2.6	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0	3.1
-88.75°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8
87.5°	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5
86.25°	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.5
85°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
83.75°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7
82.5°	10.3	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.5	11.7	11.8
81.25°	12.2	12.4	12.6	12.8	12.9	13.0	13.2	13.3	13.4	13.6	13.7
80°	13.8	14.0	14.2	14.4	14.5	14.7	14.9	15.0	15.2	15.3	15.4
78.75°	15.4	15.6	15.8	16.0	16.2	16.4	16.5	16.7	16.8	16.9	17.1
77.5°	16.9	17.0	17.2	17.4	17.6	17.7	17.9	18.0	18.2	18.3	18.4
76.25°	18.1	18.3	18.5	18.7	18.9	19.0	19.2	19.4	19.5	19.7	19.8
75°	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	21.0	21.2
73.75°	20.5	20.7	21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6
72.5°	21.7	22.0	22.2	22.5	22.7	23.0	23.2	23.4	23.6	23.8	24.0
71.25°	22.9	23.2	23.5	23.8	24.0	24.3	24.5	24.8	25.0	25.2	25.4
70°	24.2	24.5	24.8	25.1	25.4	25.6	26.1	26.6	27.0	27.5	27.9
68.75°	25.4	25.8	26.4	27.0	27.6	28.2	28.7	29.2	29.7	30.2	30.7
67.5°	27.5	28.2	28.9	29.5	30.2	30.7	31.3	31.9	32.3	32.8	33.2
66.25°	29.9	30.7	31.4	32.0	32.6	33.1	33.7	34.2	34.7	35.2	35.6
65°	32.2	32.9	33.6	34.2	34.8	35.4	36.0	36.5	37.1	37.7	38.3
63.75°	34.3	35.0	35.7	36.4	37.1	37.9	38.6	39.4	40.1	40.8	41.4
62.5°	36.4	37.2	38.1	39.0	39.9	40.8	41.6	42.3	43.1	43.8	44.3
61.25°	38.9	39.9	40.9	41.8	42.8	43.6	44.3	45.0	45.6	46.1	46.7
60°	41.6	42.6	43.6	44.4	45.2	45.9	46.6	47.2	47.8	48.5	49.0
58.75°	44.1	45.0	45.8	46.6	47.3	48.1	48.8	49.4	50.0	50.6	51.1
57.5°	46.1	47.0	47.8	48.7	49.4	50.1	50.8	51.4	52.0	52.6	53.2
56.25°	48.1	49.0	49.8	50.6	51.3	52.0	52.7	53.4	53.9	54.3	54.7
55°	50.0	50.8	51.6	52.4	53.2	53.8	54.3	54.8	55.2	55.6	56.0
53.75°	51.7	52.6	53.4	54.0	54.6	55.1	55.6	56.0	56.5	57.0	57.5
52.5°	53.4	54.1	54.7	55.2	55.8	56.3	56.9	57.5	58.1	58.7	59.2
51.25°	54.6	55.2	55.8	56.4	57.1	57.8	58.5	59.1	59.7	60.3	60.8
50°	55.7	56.4	57.1	57.9	58.6	59.3	60.0	60.6	61.2	61.6	62.1
48.75°	56.9	57.7	58.6	59.4	60.1	60.8	61.4	61.9	62.4	62.9	63.4
47.5°	58.3	59.1	60.0	60.7	61.4	62.0	62.6	63.2	63.7	64.2	64.7
46.25°	59.6	60.5	61.2	61.9	62.5	63.2	63.8	64.4	65.0	65.5	66.0
45°	60.9	61.6	62.3	63.0	63.7	64.4	65.0	65.6	66.2	67.2	68.3
43.75°	61.9	62.7	63.4	64.2	64.9	65.6	66.2	67.3	68.5	69.7	70.9
42.5°	63.0	63.8	64.5	65.3	66.0	67.0	68.4	69.7	71.0	72.3	75.4
41.25°	64.0	64.8	65.6	66.4	67.9	69.4	70.8	72.2	75.6	79.3	82.8
40°	65.0	65.9	67.0	68.6	70.1	71.7	74.5	78.6	82.6	86.5	90.4
38.75°	66.0	67.4	69.1	70.8	72.4	76.8	81.2	85.5	89.6	96.4	103.1
37.5°	67.7	69.5	71.2	73.8	78.7	83.3	87.9	94.2	101.6	108.7	115.6
36.25°	69.6	71.5	74.9	80.0	84.9	89.8	97.9	105.8	113.5	120.9	128.4
35°	71.5	75.4	80.7	86.0	92.1	100.7	109.2	117.3	125.5	133.5	141.3



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	75.4	81.0	86.5	93.5	102.6	111.5	120.3	129.1	137.7	146.0	154.7
32.5°	80.7	86.5	93.9	103.6	113.0	122.3	131.7	140.8	149.7	160.3	171.0
31.25°	86.0	93.5	103.6	113.5	123.3	133.3	143.0	152.6	164.5	175.9	187.0
30°	92.1	102.6	113.0	123.3	133.8	144.0	154.7	167.3	179.5	191.4	202.8
28.75°	100.7	111.5	122.3	133.3	144.0	155.4	168.7	181.7	194.3	206.5	218.4
27.5°	109.2	120.3	131.7	143.0	154.7	168.7	182.4	195.8	208.8	221.4	233.8
26.25°	117.3	129.1	140.8	152.6	167.3	181.7	195.8	209.5	222.9	237.0	254.2
25°	125.5	137.7	149.7	164.5	179.5	194.3	208.8	222.9	238.0	256.3	274.1
23.75°	133.5	146.0	160.3	175.9	191.4	206.5	221.4	237.0	256.3	275.2	294.3
22.5°	141.3	154.7	171.0	187.0	202.8	218.4	233.8	254.2	274.1	294.3	316.1
21.25°	148.7	164.6	181.3	197.7	213.9	229.8	249.9	270.8	291.7	314.8	337.3
20°	157.0	174.2	191.1	207.9	224.4	243.5	265.3	286.8	310.8	334.6	358.8
18.75°	165.7	183.2	200.5	217.7	235.1	257.8	280.1	304.3	329.2	354.0	382.3
17.5°	174.0	191.8	209.5	226.9	248.2	271.4	295.2	321.2	346.8	375.2	417.4
16.25°	181.8	199.9	217.9	236.6	260.6	284.2	310.6	337.2	365.4	404.0	468.1
15°	189.2	207.6	225.8	247.8	272.2	297.6	325.2	352.6	385.5	439.5	528.1
13.75°	196.0	214.6	233.3	258.2	283.1	310.7	338.8	369.1	413.0	489.5	597.0
12.5°	202.2	221.2	242.5	267.9	293.9	322.8	351.5	386.5	446.5	544.7	667.0
11.25°	208.0	227.2	251.0	276.7	304.6	333.9	365.0	409.0	487.6	601.4	734.2
10°	213.2	232.6	258.6	284.8	314.2	344.0	377.2	430.8	530.0	657.9	799.1
8.75°	217.8	238.9	265.5	292.5	322.8	353.3	392.5	462.7	574.2	710.2	857.8
7.5°	221.8	244.6	271.4	299.6	330.3	362.4	407.8	490.7	613.0	757.5	907.5
6.25°	225.2	249.5	276.5	305.8	336.8	370.3	420.9	516.5	650.1	799.6	949.9
5°	228.1	253.5	280.7	310.8	342.1	376.7	434.6	542.6	681.2	834.4	985.1
3.75°	230.3	256.6	284.0	314.8	346.2	382.3	449.4	563.0	705.5	861.8	1010.6
2.5°	231.8	258.9	286.3	317.6	349.2	388.1	460.0	577.8	723.0	880.8	1028.7
1.25°	232.8	260.2	287.7	319.3	351.0	391.5	466.4	586.6	733.6	892.1	1039.7
0°	233.1	260.7	288.2	319.9	351.6	392.7	468.5	589.6	737.1	895.9	1043.4
-1.25°	232.8	260.2	287.7	319.3	351.0	391.5	466.4	586.6	733.6	892.1	1039.7
-2.5°	231.8	258.9	286.3	317.6	349.2	388.1	460.0	577.8	723.0	880.8	1028.7
-3.75°	230.3	256.6	284.0	314.8	346.2	382.3	449.4	563.0	705.5	861.8	1010.6
-5°	228.1	253.5	280.7	310.8	342.1	376.7	434.6	542.6	681.2	834.4	985.1
-6.25°	225.2	249.5	276.5	305.8	336.8	370.3	420.9	516.5	650.1	799.6	949.9
-7.5°	221.8	244.6	271.4	299.6	330.3	362.4	407.8	490.7	613.0	757.5	907.5
-8.75°	217.8	238.9	265.5	292.5	322.8	353.3	392.5	462.7	574.2	710.2	857.8
-10°	213.2	232.6	258.6	284.8	314.2	344.0	377.2	430.8	530.0	657.9	799.1
-11.25°	208.0	227.2	251.0	276.7	304.6	333.9	365.0	409.0	487.6	601.4	734.2
-12.5°	202.2	221.2	242.5	267.9	293.9	322.8	351.5	386.5	446.5	544.7	667.0
-13.75°	196.0	214.6	233.3	258.2	283.1	310.7	338.8	369.1	413.0	489.5	597.0
-15°	189.2	207.6	225.8	247.8	272.2	297.6	325.2	352.6	385.5	439.5	528.1
-16.25°	181.8	199.9	217.9	236.6	260.6	284.2	310.6	337.2	365.4	404.0	468.1
-17.5°	174.0	191.8	209.5	226.9	248.2	271.4	295.2	321.2	346.8	375.2	417.4
-18.75°	165.7	183.2	200.5	217.7	235.1	257.8	280.1	304.3	329.2	354.0	382.3
-20°	157.0	174.2	191.1	207.9	224.4	243.5	265.3	286.8	310.8	334.6	358.8
-21.25°	148.7	164.6	181.3	197.7	213.9	229.8	249.9	270.8	291.7	314.8	337.3



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	141.3	154.7	171.0	187.0	202.8	218.4	233.8	254.2	274.1	294.3	316.1
-23.75°	133.5	146.0	160.3	175.9	191.4	206.5	221.4	237.0	256.3	275.2	294.3
-25°	125.5	137.7	149.7	164.5	179.5	194.3	208.8	222.9	238.0	256.3	274.1
-26.25°	117.3	129.1	140.8	152.6	167.3	181.7	195.8	209.5	222.9	237.0	254.2
-27.5°	109.2	120.3	131.7	143.0	154.7	168.7	182.4	195.8	208.8	221.4	233.8
-28.75°	100.7	111.5	122.3	133.3	144.0	155.4	168.7	181.7	194.3	206.5	218.4
-30°	92.1	102.6	113.0	123.3	133.8	144.0	154.7	167.3	179.5	191.4	202.8
-31.25°	86.0	93.5	103.6	113.5	123.3	133.3	143.0	152.6	164.5	175.9	187.0
-32.5°	80.7	86.5	93.9	103.6	113.0	122.3	131.7	140.8	149.7	160.3	171.0
-33.75°	75.4	81.0	86.5	93.5	102.6	111.5	120.3	129.1	137.7	146.0	154.7
-35°	71.5	75.4	80.7	86.0	92.1	100.7	109.2	117.3	125.5	133.5	141.3
-36.25°	69.6	71.5	74.9	80.0	84.9	89.8	97.9	105.8	113.5	120.9	128.4
-37.5°	67.7	69.5	71.2	73.8	78.7	83.3	87.9	94.2	101.6	108.7	115.6
-38.75°	66.0	67.4	69.1	70.8	72.4	76.8	81.2	85.5	89.6	96.4	103.1
-40°	65.0	65.9	67.0	68.6	70.1	71.7	74.5	78.6	82.6	86.5	90.4
-41.25°	64.0	64.8	65.6	66.4	67.9	69.4	70.8	72.2	75.6	79.3	82.8
-42.5°	63.0	63.8	64.5	65.3	66.0	67.0	68.4	69.7	71.0	72.3	75.4
-43.75°	61.9	62.7	63.4	64.2	64.9	65.6	66.2	67.3	68.5	69.7	70.9
-45°	60.9	61.6	62.3	63.0	63.7	64.4	65.0	65.6	66.2	67.2	68.3
-46.25°	59.6	60.5	61.2	61.9	62.5	63.2	63.8	64.4	65.0	65.5	66.0
-47.5°	58.3	59.1	60.0	60.7	61.4	62.0	62.6	63.2	63.7	64.2	64.7
-48.75°	56.9	57.7	58.6	59.4	60.1	60.8	61.4	61.9	62.4	62.9	63.4
-50°	55.7	56.4	57.1	57.9	58.6	59.3	60.0	60.6	61.2	61.6	62.1
-51.25°	54.6	55.2	55.8	56.4	57.1	57.8	58.5	59.1	59.7	60.3	60.8
-52.5°	53.4	54.1	54.7	55.2	55.8	56.3	56.9	57.5	58.1	58.7	59.2
-53.75°	51.7	52.6	53.4	54.0	54.6	55.1	55.6	56.0	56.5	57.0	57.5
-55°	50.0	50.8	51.6	52.4	53.2	53.8	54.3	54.8	55.2	55.6	56.0
-56.25°	48.1	49.0	49.8	50.6	51.3	52.0	52.7	53.4	53.9	54.3	54.7
-57.5°	46.1	47.0	47.8	48.7	49.4	50.1	50.8	51.4	52.0	52.6	53.2
-58.75°	44.1	45.0	45.8	46.6	47.3	48.1	48.8	49.4	50.0	50.6	51.1
-60°	41.6	42.6	43.6	44.4	45.2	45.9	46.6	47.2	47.8	48.5	49.0
-61.25°	38.9	39.9	40.9	41.8	42.8	43.6	44.3	45.0	45.6	46.1	46.7
-62.5°	36.4	37.2	38.1	39.0	39.9	40.8	41.6	42.3	43.1	43.8	44.3
-63.75°	34.3	35.0	35.7	36.4	37.1	37.9	38.6	39.4	40.1	40.8	41.4
-65°	32.2	32.9	33.6	34.2	34.8	35.4	36.0	36.5	37.1	37.7	38.3
-66.25°	29.9	30.7	31.4	32.0	32.6	33.1	33.7	34.2	34.7	35.2	35.6
-67.5°	27.5	28.2	28.9	29.5	30.2	30.7	31.3	31.9	32.3	32.8	33.2
-68.75°	25.4	25.8	26.4	27.0	27.6	28.2	28.7	29.2	29.7	30.2	30.7
-70°	24.2	24.5	24.8	25.1	25.4	25.6	26.1	26.6	27.0	27.5	27.9
-71.25°	22.9	23.2	23.5	23.8	24.0	24.3	24.5	24.8	25.0	25.2	25.4
-72.5°	21.7	22.0	22.2	22.5	22.7	23.0	23.2	23.4	23.6	23.8	24.0
-73.75°	20.5	20.7	21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6
-75°	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	21.0	21.2
-76.25°	18.1	18.3	18.5	18.7	18.9	19.0	19.2	19.4	19.5	19.7	19.8
-77.5°	16.9	17.0	17.2	17.4	17.6	17.7	17.9	18.0	18.2	18.3	18.4



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	15.4	15.6	15.8	16.0	16.2	16.4	16.5	16.7	16.8	16.9	17.1
-80°	13.8	14.0	14.2	14.4	14.5	14.7	14.9	15.0	15.2	15.3	15.4
-81.25°	12.2	12.4	12.6	12.8	12.9	13.0	13.2	13.3	13.4	13.6	13.7
-82.5°	10.3	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.5	11.7	11.8
-83.75°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7
-85°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
-86.25°	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.5
-87.5°	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5
-88.75°	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8
-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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
87.5°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
86.25°	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9	5.9	6.0
85°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
83.75°	9.8	9.9	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4	10.4
82.5°	11.9	12.0	12.1	12.2	12.3	12.3	12.4	12.5	12.5	12.6	12.6
81.25°	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4	14.4	14.5	14.5
80°	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.2	16.3	16.4	16.4
78.75°	17.2	17.3	17.4	17.5	17.6	17.6	17.7	17.8	17.8	17.9	17.9
77.5°	18.6	18.7	18.8	18.9	19.0	19.1	19.2	19.2	19.3	19.4	19.4
76.25°	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.8	20.9
75°	21.4	21.5	21.6	21.7	21.9	22.0	22.1	22.2	22.2	22.3	22.4
73.75°	22.7	22.9	23.1	23.2	23.3	23.4	23.6	23.7	23.8	23.8	23.9
72.5°	24.2	24.4	24.5	24.7	24.8	24.9	25.1	25.2	25.3	25.4	25.4
71.25°	25.6	25.9	26.2	26.5	26.8	27.1	27.4	27.6	27.8	28.0	28.2
70°	28.3	28.7	29.1	29.4	29.7	30.0	30.3	30.5	30.7	30.9	31.1
68.75°	31.1	31.5	31.9	32.2	32.5	32.7	33.0	33.2	33.4	33.6	33.8
67.5°	33.6	34.0	34.3	34.7	35.0	35.3	35.6	35.8	36.0	36.2	36.4
66.25°	36.0	36.4	36.8	37.2	37.7	38.1	38.4	38.8	39.1	39.4	39.6
65°	38.9	39.4	40.0	40.5	40.9	41.3	41.7	42.1	42.4	42.7	43.0
63.75°	42.0	42.6	43.1	43.7	44.1	44.4	44.7	45.0	45.3	45.5	45.7
62.5°	44.8	45.3	45.7	46.1	46.5	46.9	47.2	47.5	47.8	48.1	48.3
61.25°	47.2	47.7	48.2	48.6	49.0	49.3	49.6	49.9	50.2	50.4	50.6
60°	49.5	50.0	50.4	50.8	51.2	51.5	51.9	52.2	52.4	52.7	52.9
58.75°	51.6	52.1	52.5	53.0	53.4	53.7	53.9	54.1	54.3	54.5	54.6
57.5°	53.7	54.0	54.3	54.6	54.9	55.1	55.4	55.6	55.8	55.9	56.1
56.25°	55.0	55.4	55.7	56.0	56.3	56.5	56.8	57.1	57.4	57.6	57.8
55°	56.4	56.8	57.2	57.6	58.0	58.3	58.7	59.0	59.2	59.5	59.7
53.75°	58.0	58.5	59.0	59.4	59.8	60.1	60.5	60.7	60.9	61.1	61.3
52.5°	59.7	60.2	60.6	61.0	61.3	61.6	61.9	62.2	62.4	62.6	62.8
51.25°	61.2	61.6	62.0	62.4	62.7	63.0	63.3	63.6	63.8	64.1	64.3
50°	62.6	63.0	63.4	63.8	64.1	64.5	64.8	65.0	65.3	65.5	65.7
48.75°	63.9	64.3	64.8	65.2	65.5	65.9	66.2	66.6	67.1	67.6	68.0
47.5°	65.2	65.7	66.1	66.7	67.4	68.2	68.8	69.4	70.0	70.5	70.9
46.25°	66.7	67.7	68.6	69.4	70.2	71.0	71.7	72.3	73.8	75.3	76.7
45°	69.3	70.3	71.3	72.2	74.2	76.4	78.5	80.5	82.2	83.8	85.2
43.75°	72.0	74.1	77.0	79.7	82.2	84.6	86.7	88.7	91.1	94.0	96.5
42.5°	78.7	81.8	84.8	87.6	90.5	94.8	98.7	102.3	105.6	108.6	111.3
41.25°	86.2	89.5	94.5	99.6	104.3	108.8	112.9	116.7	120.1	123.4	126.3
40°	96.5	102.4	107.9	113.2	118.1	122.9	127.3	131.5	135.2	138.6	141.6
38.75°	109.4	115.5	121.3	127.0	132.4	137.4	142.1	146.4	150.3	154.5	158.6
37.5°	122.3	128.9	135.2	141.1	146.7	152.0	158.3	164.1	169.4	174.1	178.4
36.25°	135.6	142.4	148.9	156.1	163.6	170.6	177.2	183.2	188.7	193.7	198.1
35°	148.7	157.0	165.7	174.0	181.8	189.2	196.0	202.2	208.0	213.2	217.8



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	164.6	174.2	183.2	191.8	199.9	207.6	214.6	221.2	227.2	232.6	238.9
32.5°	181.3	191.1	200.5	209.5	217.9	225.8	233.3	242.5	251.0	258.6	265.5
31.25°	197.7	207.9	217.7	226.9	236.6	247.8	258.2	267.9	276.7	284.8	292.5
30°	213.9	224.4	235.1	248.2	260.6	272.2	283.1	293.9	304.6	314.2	322.8
28.75°	229.8	243.5	257.8	271.4	284.2	297.6	310.7	322.8	333.9	344.0	353.3
27.5°	249.9	265.3	280.1	295.2	310.6	325.2	338.8	351.5	365.0	377.2	392.5
26.25°	270.8	286.8	304.3	321.2	337.2	352.6	369.1	386.5	409.0	430.8	462.7
25°	291.7	310.8	329.2	346.8	365.4	385.5	413.0	446.5	487.6	530.0	574.2
23.75°	314.8	334.6	354.0	375.2	404.0	439.5	489.5	544.7	601.4	657.9	710.2
22.5°	337.3	358.8	382.3	417.4	468.1	528.1	597.0	667.0	734.2	799.1	857.8
21.25°	360.4	387.5	425.5	487.4	560.6	639.5	720.6	800.4	874.9	940.3	998.4
20°	387.5	428.5	497.1	580.3	669.8	760.9	851.2	932.7	1006.2	1069.2	1120.2
18.75°	425.5	497.1	586.9	685.1	786.0	884.6	974.9	1053.5	1119.9	1171.7	1206.7
17.5°	487.4	580.3	685.1	794.4	901.2	999.3	1085.6	1152.0	1202.1	1236.8	1264.7
16.25°	560.6	669.8	786.0	901.2	1007.2	1101.2	1171.6	1219.2	1256.4	1288.1	1318.5
15°	639.5	760.9	884.6	999.3	1101.2	1178.1	1227.8	1268.0	1304.9	1340.2	1372.5
13.75°	720.6	851.2	974.9	1085.6	1171.6	1227.8	1271.9	1313.4	1353.5	1390.9	1425.4
12.5°	800.4	932.7	1053.5	1152.0	1219.2	1268.0	1313.4	1358.0	1400.3	1440.0	1475.1
11.25°	874.9	1006.2	1119.9	1202.1	1256.4	1304.9	1353.5	1400.3	1444.7	1485.1	1528.6
10°	940.3	1069.2	1171.7	1236.8	1288.1	1340.2	1390.9	1440.0	1485.1	1534.8	1583.7
8.75°	998.4	1120.2	1206.7	1264.7	1318.5	1372.5	1425.4	1475.1	1528.6	1583.7	1636.9
7.5°	1046.0	1159.4	1233.2	1288.9	1345.6	1401.5	1455.7	1510.5	1570.0	1629.4	1684.4
6.25°	1087.0	1190.7	1254.0	1311.0	1369.3	1426.9	1481.8	1543.3	1607.5	1669.7	1724.6
5°	1116.2	1208.6	1270.5	1329.5	1389.1	1447.8	1506.7	1572.7	1640.0	1702.6	1757.6
3.75°	1137.1	1222.7	1283.5	1344.1	1404.8	1464.1	1527.2	1596.3	1665.6	1727.8	1781.4
2.5°	1152.2	1232.9	1293.1	1354.7	1416.3	1475.9	1542.3	1613.8	1683.5	1745.9	1799.0
1.25°	1161.3	1239.0	1299.1	1361.1	1423.2	1483.1	1551.9	1624.5	1694.5	1757.1	1809.1
0°	1164.3	1241.1	1301.1	1363.3	1425.6	1485.5	1555.1	1628.1	1698.2	1760.9	1812.4
-1.25°	1161.3	1239.0	1299.1	1361.1	1423.2	1483.1	1551.9	1624.5	1694.5	1757.1	1809.1
-2.5°	1152.2	1232.9	1293.1	1354.7	1416.3	1475.9	1542.3	1613.8	1683.5	1745.9	1799.0
-3.75°	1137.1	1222.7	1283.5	1344.1	1404.8	1464.1	1527.2	1596.3	1665.6	1727.8	1781.4
-5°	1116.2	1208.6	1270.5	1329.5	1389.1	1447.8	1506.7	1572.7	1640.0	1702.6	1757.6
-6.25°	1087.0	1190.7	1254.0	1311.0	1369.3	1426.9	1481.8	1543.3	1607.5	1669.7	1724.6
-7.5°	1046.0	1159.4	1233.2	1288.9	1345.6	1401.5	1455.7	1510.5	1570.0	1629.4	1684.4
-8.75°	998.4	1120.2	1206.7	1264.7	1318.5	1372.5	1425.4	1475.1	1528.6	1583.7	1636.9
-10°	940.3	1069.2	1171.7	1236.8	1288.1	1340.2	1390.9	1440.0	1485.1	1534.8	1583.7
-11.25°	874.9	1006.2	1119.9	1202.1	1256.4	1304.9	1353.5	1400.3	1444.7	1485.1	1528.6
-12.5°	800.4	932.7	1053.5	1152.0	1219.2	1268.0	1313.4	1358.0	1400.3	1440.0	1475.1
-13.75°	720.6	851.2	974.9	1085.6	1171.6	1227.8	1271.9	1313.4	1353.5	1390.9	1425.4
-15°	639.5	760.9	884.6	999.3	1101.2	1178.1	1227.8	1268.0	1304.9	1340.2	1372.5
-16.25°	560.6	669.8	786.0	901.2	1007.2	1101.2	1171.6	1219.2	1256.4	1288.1	1318.5
-17.5°	487.4	580.3	685.1	794.4	901.2	999.3	1085.6	1152.0	1202.1	1236.8	1264.7
-18.75°	425.5	497.1	586.9	685.1	786.0	884.6	974.9	1053.5	1119.9	1171.7	1206.7
-20°	387.5	428.5	497.1	580.3	669.8	760.9	851.2	932.7	1006.2	1069.2	1120.2
-21.25°	360.4	387.5	425.5	487.4	560.6	639.5	720.6	800.4	874.9	940.3	998.4



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	337.3	358.8	382.3	417.4	468.1	528.1	597.0	667.0	734.2	799.1	857.8
-23.75°	314.8	334.6	354.0	375.2	404.0	439.5	489.5	544.7	601.4	657.9	710.2
-25°	291.7	310.8	329.2	346.8	365.4	385.5	413.0	446.5	487.6	530.0	574.2
-26.25°	270.8	286.8	304.3	321.2	337.2	352.6	369.1	386.5	409.0	430.8	462.7
-27.5°	249.9	265.3	280.1	295.2	310.6	325.2	338.8	351.5	365.0	377.2	392.5
-28.75°	229.8	243.5	257.8	271.4	284.2	297.6	310.7	322.8	333.9	344.0	353.3
-30°	213.9	224.4	235.1	248.2	260.6	272.2	283.1	293.9	304.6	314.2	322.8
-31.25°	197.7	207.9	217.7	226.9	236.6	247.8	258.2	267.9	276.7	284.8	292.5
-32.5°	181.3	191.1	200.5	209.5	217.9	225.8	233.3	242.5	251.0	258.6	265.5
-33.75°	164.6	174.2	183.2	191.8	199.9	207.6	214.6	221.2	227.2	232.6	238.9
-35°	148.7	157.0	165.7	174.0	181.8	189.2	196.0	202.2	208.0	213.2	217.8
-36.25°	135.6	142.4	148.9	156.1	163.6	170.6	177.2	183.2	188.7	193.7	198.1
-37.5°	122.3	128.9	135.2	141.1	146.7	152.0	158.3	164.1	169.4	174.1	178.4
-38.75°	109.4	115.5	121.3	127.0	132.4	137.4	142.1	146.4	150.3	154.5	158.6
-40°	96.5	102.4	107.9	113.2	118.1	122.9	127.3	131.5	135.2	138.6	141.6
-41.25°	86.2	89.5	94.5	99.6	104.3	108.8	112.9	116.7	120.1	123.4	126.3
-42.5°	78.7	81.8	84.8	87.6	90.5	94.8	98.7	102.3	105.6	108.6	111.3
-43.75°	72.0	74.1	77.0	79.7	82.2	84.6	86.7	88.7	91.1	94.0	96.5
-45°	69.3	70.3	71.3	72.2	74.2	76.4	78.5	80.5	82.2	83.8	85.2
-46.25°	66.7	67.7	68.6	69.4	70.2	71.0	71.7	72.3	73.8	75.3	76.7
-47.5°	65.2	65.7	66.1	66.7	67.4	68.2	68.8	69.4	70.0	70.5	70.9
-48.75°	63.9	64.3	64.8	65.2	65.5	65.9	66.2	66.6	67.1	67.6	68.0
-50°	62.6	63.0	63.4	63.8	64.1	64.5	64.8	65.0	65.3	65.5	65.7
-51.25°	61.2	61.6	62.0	62.4	62.7	63.0	63.3	63.6	63.8	64.1	64.3
-52.5°	59.7	60.2	60.6	61.0	61.3	61.6	61.9	62.2	62.4	62.6	62.8
-53.75°	58.0	58.5	59.0	59.4	59.8	60.1	60.5	60.7	60.9	61.1	61.3
-55°	56.4	56.8	57.2	57.6	58.0	58.3	58.7	59.0	59.2	59.5	59.7
-56.25°	55.0	55.4	55.7	56.0	56.3	56.5	56.8	57.1	57.4	57.6	57.8
-57.5°	53.7	54.0	54.3	54.6	54.9	55.1	55.4	55.6	55.8	55.9	56.1
-58.75°	51.6	52.1	52.5	53.0	53.4	53.7	53.9	54.1	54.3	54.5	54.6
-60°	49.5	50.0	50.4	50.8	51.2	51.5	51.9	52.2	52.4	52.7	52.9
-61.25°	47.2	47.7	48.2	48.6	49.0	49.3	49.6	49.9	50.2	50.4	50.6
-62.5°	44.8	45.3	45.7	46.1	46.5	46.9	47.2	47.5	47.8	48.1	48.3
-63.75°	42.0	42.6	43.1	43.7	44.1	44.4	44.7	45.0	45.3	45.5	45.7
-65°	38.9	39.4	40.0	40.5	40.9	41.3	41.7	42.1	42.4	42.7	43.0
-66.25°	36.0	36.4	36.8	37.2	37.7	38.1	38.4	38.8	39.1	39.4	39.6
-67.5°	33.6	34.0	34.3	34.7	35.0	35.3	35.6	35.8	36.0	36.2	36.4
-68.75°	31.1	31.5	31.9	32.2	32.5	32.7	33.0	33.2	33.4	33.6	33.8
-70°	28.3	28.7	29.1	29.4	29.7	30.0	30.3	30.5	30.7	30.9	31.1
-71.25°	25.6	25.9	26.2	26.5	26.8	27.1	27.4	27.6	27.8	28.0	28.2
-72.5°	24.2	24.4	24.5	24.7	24.8	24.9	25.1	25.2	25.3	25.4	25.4
-73.75°	22.7	22.9	23.1	23.2	23.3	23.4	23.6	23.7	23.8	23.8	23.9
-75°	21.4	21.5	21.6	21.7	21.9	22.0	22.1	22.2	22.2	22.3	22.4
-76.25°	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.8	20.9
-77.5°	18.6	18.7	18.8	18.9	19.0	19.1	19.2	19.2	19.3	19.4	19.4



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	17.2	17.3	17.4	17.5	17.6	17.6	17.7	17.8	17.8	17.9	17.9
-80°	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.2	16.3	16.4	16.4
-81.25°	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4	14.4	14.5	14.5
-82.5°	11.9	12.0	12.1	12.2	12.3	12.3	12.4	12.5	12.5	12.6	12.6
-83.75°	9.8	9.9	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4	10.4
-85°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
-86.25°	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	5.9	5.9	6.0
-87.5°	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
-88.75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
-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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
86.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
85°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
83.75°	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.5	10.5	10.5	10.5
82.5°	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7
81.25°	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.6
80°	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.5
78.75°	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0
77.5°	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5
76.25°	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.0
75°	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.5
73.75°	24.0	24.0	24.1	24.1	24.1	24.1	24.2	24.1	24.1	24.1	24.1
72.5°	25.5	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.6
71.25°	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.5
70°	31.3	31.4	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.6	31.5
68.75°	33.9	34.1	34.2	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.2
67.5°	36.6	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.0	36.9	36.8
66.25°	39.8	40.0	40.1	40.3	40.3	40.4	40.4	40.4	40.3	40.3	40.1
65°	43.2	43.4	43.5	43.6	43.7	43.8	43.8	43.8	43.7	43.6	43.5
63.75°	45.9	46.1	46.2	46.3	46.3	46.4	46.4	46.4	46.3	46.3	46.2
62.5°	48.5	48.6	48.8	48.9	48.9	49.0	49.0	49.0	48.9	48.9	48.8
61.25°	50.8	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.2	51.2	51.1
60°	53.1	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.5	53.5	53.4
58.75°	54.7	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.0	54.9
57.5°	56.2	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.5	56.4
56.25°	58.0	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.4	58.4	58.3
55°	59.9	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.3	60.3	60.2
53.75°	61.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.8	61.7
52.5°	62.9	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.3	63.3	63.2
51.25°	64.4	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.8	64.8	64.7
50°	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.3	66.3	66.2
48.75°	68.4	68.7	68.9	69.1	69.3	69.4	69.4	69.4	69.3	69.1	68.9
47.5°	71.3	71.7	71.9	72.1	72.3	72.4	72.4	72.4	72.3	72.1	71.9
46.25°	77.8	78.8	79.6	80.3	80.7	81.0	81.1	81.0	80.7	80.3	79.6
45°	86.4	87.4	88.3	88.9	89.4	89.7	89.8	89.7	89.4	88.9	88.3
43.75°	98.7	100.6	102.2	103.4	104.2	104.7	104.9	104.7	104.2	103.4	102.2
42.5°	113.6	115.5	117.1	118.4	119.3	119.8	120.0	119.8	119.3	118.4	117.1
41.25°	128.8	130.9	132.7	134.0	135.0	135.6	135.8	135.6	135.0	134.0	132.7
40°	144.3	146.5	148.3	149.8	150.8	151.4	151.6	151.4	150.8	149.8	148.3
38.75°	162.1	165.1	167.6	169.5	170.9	171.7	172.0	171.7	170.9	169.5	167.6
37.5°	182.0	185.2	187.8	189.8	191.2	192.1	192.4	192.1	191.2	189.8	187.8
36.25°	202.0	205.2	207.9	210.0	211.5	212.4	212.8	212.4	211.5	210.0	207.9
35°	221.8	225.2	228.1	230.3	231.8	232.8	233.1	232.8	231.8	230.3	228.1



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	244.6	249.5	253.5	256.6	258.9	260.2	260.7	260.2	258.9	256.6	253.5
32.5°	271.4	276.5	280.7	284.0	286.3	287.7	288.2	287.7	286.3	284.0	280.7
31.25°	299.6	305.8	310.8	314.8	317.6	319.3	319.9	319.3	317.6	314.8	310.8
30°	330.3	336.8	342.1	346.2	349.2	351.0	351.6	351.0	349.2	346.2	342.1
28.75°	362.4	370.3	376.7	382.3	388.1	391.5	392.7	391.5	388.1	382.3	376.7
27.5°	407.8	420.9	434.6	449.4	460.0	466.4	468.5	466.4	460.0	449.4	434.6
26.25°	490.7	516.5	542.6	563.0	577.8	586.6	589.6	586.6	577.8	563.0	542.6
25°	613.0	650.1	681.2	705.5	723.0	733.6	737.1	733.6	723.0	705.5	681.2
23.75°	757.5	799.6	834.4	861.8	880.8	892.1	895.9	892.1	880.8	861.8	834.4
22.5°	907.5	949.9	985.1	1010.6	1028.7	1039.7	1043.4	1039.7	1028.7	1010.6	985.1
21.25°	1046.0	1087.0	1116.2	1137.1	1152.2	1161.3	1164.3	1161.3	1152.2	1137.1	1116.2
20°	1159.4	1190.7	1208.6	1222.7	1232.9	1239.0	1241.1	1239.0	1232.9	1222.7	1208.6
18.75°	1233.2	1254.0	1270.5	1283.5	1293.1	1299.1	1301.1	1299.1	1293.1	1283.5	1270.5
17.5°	1288.9	1311.0	1329.5	1344.1	1354.7	1361.1	1363.3	1361.1	1354.7	1344.1	1329.5
16.25°	1345.6	1369.3	1389.1	1404.8	1416.3	1423.2	1425.6	1423.2	1416.3	1404.8	1389.1
15°	1401.5	1426.9	1447.8	1464.1	1475.9	1483.1	1485.5	1483.1	1475.9	1464.1	1447.8
13.75°	1455.7	1481.8	1506.7	1527.2	1542.3	1551.9	1555.1	1551.9	1542.3	1527.2	1506.7
12.5°	1510.5	1543.3	1572.7	1596.3	1613.8	1624.5	1628.1	1624.5	1613.8	1596.3	1572.7
11.25°	1570.0	1607.5	1640.0	1665.6	1683.5	1694.5	1698.2	1694.5	1683.5	1665.6	1640.0
10°	1629.4	1669.7	1702.6	1727.8	1745.9	1757.1	1760.9	1757.1	1745.9	1727.8	1702.6
8.75°	1684.4	1724.6	1757.6	1781.4	1799.0	1809.1	1812.4	1809.1	1799.0	1781.4	1757.6
7.5°	1731.9	1771.4	1802.8	1826.0	1842.9	1851.5	1854.4	1851.5	1842.9	1826.0	1802.8
6.25°	1771.4	1809.4	1840.2	1860.6	1874.0	1881.0	1883.5	1881.0	1874.0	1860.6	1840.2
5°	1802.8	1840.2	1866.8	1883.5	1892.4	1896.7	1898.2	1896.7	1892.4	1883.5	1866.8
3.75°	1826.0	1860.6	1883.5	1895.2	1900.4	1902.7	1902.7	1902.7	1900.4	1895.2	1883.5
2.5°	1842.9	1874.0	1892.4	1900.4	1902.7	1902.1	1901.2	1902.1	1902.7	1900.4	1892.4
1.25°	1851.5	1881.0	1896.7	1902.7	1902.1	1900.0	1900.8	1900.0	1902.1	1902.7	1896.7
0°	1854.4	1883.5	1898.2	1902.7	1901.2	1900.8	1906.5	1900.8	1901.2	1902.7	1898.2
-1.25°	1851.5	1881.0	1896.7	1902.7	1902.1	1900.0	1900.8	1900.0	1902.1	1902.7	1896.7
-2.5°	1842.9	1874.0	1892.4	1900.4	1902.7	1902.1	1901.2	1902.1	1902.7	1900.4	1892.4
-3.75°	1826.0	1860.6	1883.5	1895.2	1900.4	1902.7	1902.7	1902.7	1900.4	1895.2	1883.5
-5°	1802.8	1840.2	1866.8	1883.5	1892.4	1896.7	1898.2	1896.7	1892.4	1883.5	1866.8
-6.25°	1771.4	1809.4	1840.2	1860.6	1874.0	1881.0	1883.5	1881.0	1874.0	1860.6	1840.2
-7.5°	1731.9	1771.4	1802.8	1826.0	1842.9	1851.5	1854.4	1851.5	1842.9	1826.0	1802.8
-8.75°	1684.4	1724.6	1757.6	1781.4	1799.0	1809.1	1812.4	1809.1	1799.0	1781.4	1757.6
-10°	1629.4	1669.7	1702.6	1727.8	1745.9	1757.1	1760.9	1757.1	1745.9	1727.8	1702.6
-11.25°	1570.0	1607.5	1640.0	1665.6	1683.5	1694.5	1698.2	1694.5	1683.5	1665.6	1640.0
-12.5°	1510.5	1543.3	1572.7	1596.3	1613.8	1624.5	1628.1	1624.5	1613.8	1596.3	1572.7
-13.75°	1455.7	1481.8	1506.7	1527.2	1542.3	1551.9	1555.1	1551.9	1542.3	1527.2	1506.7
-15°	1401.5	1426.9	1447.8	1464.1	1475.9	1483.1	1485.5	1483.1	1475.9	1464.1	1447.8
-16.25°	1345.6	1369.3	1389.1	1404.8	1416.3	1423.2	1425.6	1423.2	1416.3	1404.8	1389.1
-17.5°	1288.9	1311.0	1329.5	1344.1	1354.7	1361.1	1363.3	1361.1	1354.7	1344.1	1329.5
-18.75°	1233.2	1254.0	1270.5	1283.5	1293.1	1299.1	1301.1	1299.1	1293.1	1283.5	1270.5
-20°	1159.4	1190.7	1208.6	1222.7	1232.9	1239.0	1241.1	1239.0	1232.9	1222.7	1208.6
-21.25°	1046.0	1087.0	1116.2	1137.1	1152.2	1161.3	1164.3	1161.3	1152.2	1137.1	1116.2



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	907.5	949.9	985.1	1010.6	1028.7	1039.7	1043.4	1039.7	1028.7	1010.6	985.1
-23.75°	757.5	799.6	834.4	861.8	880.8	892.1	895.9	892.1	880.8	861.8	834.4
-25°	613.0	650.1	681.2	705.5	723.0	733.6	737.1	733.6	723.0	705.5	681.2
-26.25°	490.7	516.5	542.6	563.0	577.8	586.6	589.6	586.6	577.8	563.0	542.6
-27.5°	407.8	420.9	434.6	449.4	460.0	466.4	468.5	466.4	460.0	449.4	434.6
-28.75°	362.4	370.3	376.7	382.3	388.1	391.5	392.7	391.5	388.1	382.3	376.7
-30°	330.3	336.8	342.1	346.2	349.2	351.0	351.6	351.0	349.2	346.2	342.1
-31.25°	299.6	305.8	310.8	314.8	317.6	319.3	319.9	319.3	317.6	314.8	310.8
-32.5°	271.4	276.5	280.7	284.0	286.3	287.7	288.2	287.7	286.3	284.0	280.7
-33.75°	244.6	249.5	253.5	256.6	258.9	260.2	260.7	260.2	258.9	256.6	253.5
-35°	221.8	225.2	228.1	230.3	231.8	232.8	233.1	232.8	231.8	230.3	228.1
-36.25°	202.0	205.2	207.9	210.0	211.5	212.4	212.8	212.4	211.5	210.0	207.9
-37.5°	182.0	185.2	187.8	189.8	191.2	192.1	192.4	192.1	191.2	189.8	187.8
-38.75°	162.1	165.1	167.6	169.5	170.9	171.7	172.0	171.7	170.9	169.5	167.6
-40°	144.3	146.5	148.3	149.8	150.8	151.4	151.6	151.4	150.8	149.8	148.3
-41.25°	128.8	130.9	132.7	134.0	135.0	135.6	135.8	135.6	135.0	134.0	132.7
-42.5°	113.6	115.5	117.1	118.4	119.3	119.8	120.0	119.8	119.3	118.4	117.1
-43.75°	98.7	100.6	102.2	103.4	104.2	104.7	104.9	104.7	104.2	103.4	102.2
-45°	86.4	87.4	88.3	88.9	89.4	89.7	89.8	89.7	89.4	88.9	88.3
-46.25°	77.8	78.8	79.6	80.3	80.7	81.0	81.1	81.0	80.7	80.3	79.6
-47.5°	71.3	71.7	71.9	72.1	72.3	72.4	72.4	72.4	72.3	72.1	71.9
-48.75°	68.4	68.7	68.9	69.1	69.3	69.4	69.4	69.4	69.3	69.1	68.9
-50°	65.9	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.3	66.3	66.2
-51.25°	64.4	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.8	64.8	64.7
-52.5°	62.9	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.3	63.3	63.2
-53.75°	61.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.8	61.7
-55°	59.9	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.3	60.3	60.2
-56.25°	58.0	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.4	58.4	58.3
-57.5°	56.2	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.5	56.4
-58.75°	54.7	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.0	54.9
-60°	53.1	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.5	53.5	53.4
-61.25°	50.8	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.2	51.2	51.1
-62.5°	48.5	48.6	48.8	48.9	48.9	49.0	49.0	49.0	48.9	48.9	48.8
-63.75°	45.9	46.1	46.2	46.3	46.3	46.4	46.4	46.4	46.3	46.3	46.2
-65°	43.2	43.4	43.5	43.6	43.7	43.8	43.8	43.8	43.7	43.6	43.5
-66.25°	39.8	40.0	40.1	40.3	40.3	40.4	40.4	40.4	40.3	40.3	40.1
-67.5°	36.6	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.0	36.9	36.8
-68.75°	33.9	34.1	34.2	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.2
-70°	31.3	31.4	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.6	31.5
-71.25°	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.5
-72.5°	25.5	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.6
-73.75°	24.0	24.0	24.1	24.1	24.1	24.1	24.2	24.1	24.1	24.1	24.1
-75°	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.5
-76.25°	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.0
-77.5°	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0
-80°	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.5
-81.25°	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.6
-82.5°	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.7
-83.75°	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.5	10.5	10.5	10.5
-85°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-86.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
-87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-88.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
-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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
87.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
86.25°	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.7
85°	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
83.75°	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0	10.0
82.5°	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12.3	12.2	12.1
81.25°	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.0
80°	16.5	16.5	16.4	16.4	16.3	16.2	16.2	16.1	16.0	15.9	15.8
78.75°	18.0	18.0	17.9	17.9	17.8	17.8	17.7	17.6	17.6	17.5	17.4
77.5°	19.5	19.5	19.4	19.4	19.3	19.2	19.2	19.1	19.0	18.9	18.8
76.25°	21.0	21.0	20.9	20.8	20.8	20.7	20.6	20.5	20.4	20.3	20.2
75°	22.5	22.4	22.4	22.3	22.2	22.2	22.1	22.0	21.9	21.7	21.6
73.75°	24.0	24.0	23.9	23.8	23.8	23.7	23.6	23.4	23.3	23.2	23.1
72.5°	25.6	25.5	25.4	25.4	25.3	25.2	25.1	24.9	24.8	24.7	24.5
71.25°	28.4	28.3	28.2	28.0	27.8	27.6	27.4	27.1	26.8	26.5	26.2
70°	31.4	31.3	31.1	30.9	30.7	30.5	30.3	30.0	29.7	29.4	29.1
68.75°	34.1	33.9	33.8	33.6	33.4	33.2	33.0	32.7	32.5	32.2	31.9
67.5°	36.7	36.6	36.4	36.2	36.0	35.8	35.6	35.3	35.0	34.7	34.3
66.25°	40.0	39.8	39.6	39.4	39.1	38.8	38.4	38.1	37.7	37.2	36.8
65°	43.4	43.2	43.0	42.7	42.4	42.1	41.7	41.3	40.9	40.5	40.0
63.75°	46.1	45.9	45.7	45.5	45.3	45.0	44.7	44.4	44.1	43.7	43.1
62.5°	48.6	48.5	48.3	48.1	47.8	47.5	47.2	46.9	46.5	46.1	45.7
61.25°	51.0	50.8	50.6	50.4	50.2	49.9	49.6	49.3	49.0	48.6	48.2
60°	53.2	53.1	52.9	52.7	52.4	52.2	51.9	51.5	51.2	50.8	50.4
58.75°	54.9	54.7	54.6	54.5	54.3	54.1	53.9	53.7	53.4	53.0	52.5
57.5°	56.3	56.2	56.1	55.9	55.8	55.6	55.4	55.1	54.9	54.6	54.3
56.25°	58.2	58.0	57.8	57.6	57.4	57.1	56.8	56.5	56.3	56.0	55.7
55°	60.0	59.9	59.7	59.5	59.2	59.0	58.7	58.3	58.0	57.6	57.2
53.75°	61.6	61.5	61.3	61.1	60.9	60.7	60.5	60.1	59.8	59.4	59.0
52.5°	63.1	62.9	62.8	62.6	62.4	62.2	61.9	61.6	61.3	61.0	60.6
51.25°	64.6	64.4	64.3	64.1	63.8	63.6	63.3	63.0	62.7	62.4	62.0
50°	66.1	65.9	65.7	65.5	65.3	65.0	64.8	64.5	64.1	63.8	63.4
48.75°	68.7	68.4	68.0	67.6	67.1	66.6	66.2	65.9	65.5	65.2	64.8
47.5°	71.7	71.3	70.9	70.5	70.0	69.4	68.8	68.2	67.4	66.7	66.1
46.25°	78.8	77.8	76.7	75.3	73.8	72.3	71.7	71.0	70.2	69.4	68.6
45°	87.4	86.4	85.2	83.8	82.2	80.5	78.5	76.4	74.2	72.2	71.3
43.75°	100.6	98.7	96.5	94.0	91.1	88.7	86.7	84.6	82.2	79.7	77.0
42.5°	115.5	113.6	111.3	108.6	105.6	102.3	98.7	94.8	90.5	87.6	84.8
41.25°	130.9	128.8	126.3	123.4	120.1	116.7	112.9	108.8	104.3	99.6	94.5
40°	146.5	144.3	141.6	138.6	135.2	131.5	127.3	122.9	118.1	113.2	107.9
38.75°	165.1	162.1	158.6	154.5	150.3	146.4	142.1	137.4	132.4	127.0	121.3
37.5°	185.2	182.0	178.4	174.1	169.4	164.1	158.3	152.0	146.7	141.1	135.2
36.25°	205.2	202.0	198.1	193.7	188.7	183.2	177.2	170.6	163.6	156.1	148.9
35°	225.2	221.8	217.8	213.2	208.0	202.2	196.0	189.2	181.8	174.0	165.7



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	249.5	244.6	238.9	232.6	227.2	221.2	214.6	207.6	199.9	191.8	183.2
32.5°	276.5	271.4	265.5	258.6	251.0	242.5	233.3	225.8	217.9	209.5	200.5
31.25°	305.8	299.6	292.5	284.8	276.7	267.9	258.2	247.8	236.6	226.9	217.7
30°	336.8	330.3	322.8	314.2	304.6	293.9	283.1	272.2	260.6	248.2	235.1
28.75°	370.3	362.4	353.3	344.0	333.9	322.8	310.7	297.6	284.2	271.4	257.8
27.5°	420.9	407.8	392.5	377.2	365.0	351.5	338.8	325.2	310.6	295.2	280.1
26.25°	516.5	490.7	462.7	430.8	409.0	386.5	369.1	352.6	337.2	321.2	304.3
25°	650.1	613.0	574.2	530.0	487.6	446.5	413.0	385.5	365.4	346.8	329.2
23.75°	799.6	757.5	710.2	657.9	601.4	544.7	489.5	439.5	404.0	375.2	354.0
22.5°	949.9	907.5	857.8	799.1	734.2	667.0	597.0	528.1	468.1	417.4	382.3
21.25°	1087.0	1046.0	998.4	940.3	874.9	800.4	720.6	639.5	560.6	487.4	425.5
20°	1190.7	1159.4	1120.2	1069.2	1006.2	932.7	851.2	760.9	669.8	580.3	497.1
18.75°	1254.0	1233.2	1206.7	1171.7	1119.9	1053.5	974.9	884.6	786.0	685.1	586.9
17.5°	1311.0	1288.9	1264.7	1236.8	1202.1	1152.0	1085.6	999.3	901.2	794.4	685.1
16.25°	1369.3	1345.6	1318.5	1288.1	1256.4	1219.2	1171.6	1101.2	1007.2	901.2	786.0
15°	1426.9	1401.5	1372.5	1340.2	1304.9	1268.0	1227.8	1178.1	1101.2	999.3	884.6
13.75°	1481.8	1455.7	1425.4	1390.9	1353.5	1313.4	1271.9	1227.8	1171.6	1085.6	974.9
12.5°	1543.3	1510.5	1475.1	1440.0	1400.3	1358.0	1313.4	1268.0	1219.2	1152.0	1053.5
11.25°	1607.5	1570.0	1528.6	1485.1	1444.7	1400.3	1353.5	1304.9	1256.4	1202.1	1119.9
10°	1669.7	1629.4	1583.7	1534.8	1485.1	1440.0	1390.9	1340.2	1288.1	1236.8	1171.7
8.75°	1724.6	1684.4	1636.9	1583.7	1528.6	1475.1	1425.4	1372.5	1318.5	1264.7	1206.7
7.5°	1771.4	1731.9	1684.4	1629.4	1570.0	1510.5	1455.7	1401.5	1345.6	1288.9	1233.2
6.25°	1809.4	1771.4	1724.6	1669.7	1607.5	1543.3	1481.8	1426.9	1369.3	1311.0	1254.0
5°	1840.2	1802.8	1757.6	1702.6	1640.0	1572.7	1506.7	1447.8	1389.1	1329.5	1270.5
3.75°	1860.6	1826.0	1781.4	1727.8	1665.6	1596.3	1527.2	1464.1	1404.8	1344.1	1283.5
2.5°	1874.0	1842.9	1799.0	1745.9	1683.5	1613.8	1542.3	1475.9	1416.3	1354.7	1293.1
1.25°	1881.0	1851.5	1809.1	1757.1	1694.5	1624.5	1551.9	1483.1	1423.2	1361.1	1299.1
0°	1883.5	1854.4	1812.4	1760.9	1698.2	1628.1	1555.1	1485.5	1425.6	1363.3	1301.1
-1.25°	1881.0	1851.5	1809.1	1757.1	1694.5	1624.5	1551.9	1483.1	1423.2	1361.1	1299.1
-2.5°	1874.0	1842.9	1799.0	1745.9	1683.5	1613.8	1542.3	1475.9	1416.3	1354.7	1293.1
-3.75°	1860.6	1826.0	1781.4	1727.8	1665.6	1596.3	1527.2	1464.1	1404.8	1344.1	1283.5
-5°	1840.2	1802.8	1757.6	1702.6	1640.0	1572.7	1506.7	1447.8	1389.1	1329.5	1270.5
-6.25°	1809.4	1771.4	1724.6	1669.7	1607.5	1543.3	1481.8	1426.9	1369.3	1311.0	1254.0
-7.5°	1771.4	1731.9	1684.4	1629.4	1570.0	1510.5	1455.7	1401.5	1345.6	1288.9	1233.2
-8.75°	1724.6	1684.4	1636.9	1583.7	1528.6	1475.1	1425.4	1372.5	1318.5	1264.7	1206.7
-10°	1669.7	1629.4	1583.7	1534.8	1485.1	1440.0	1390.9	1340.2	1288.1	1236.8	1171.7
-11.25°	1607.5	1570.0	1528.6	1485.1	1444.7	1400.3	1353.5	1304.9	1256.4	1202.1	1119.9
-12.5°	1543.3	1510.5	1475.1	1440.0	1400.3	1358.0	1313.4	1268.0	1219.2	1152.0	1053.5
-13.75°	1481.8	1455.7	1425.4	1390.9	1353.5	1313.4	1271.9	1227.8	1171.6	1085.6	974.9
-15°	1426.9	1401.5	1372.5	1340.2	1304.9	1268.0	1227.8	1178.1	1101.2	999.3	884.6
-16.25°	1369.3	1345.6	1318.5	1288.1	1256.4	1219.2	1171.6	1101.2	1007.2	901.2	786.0
-17.5°	1311.0	1288.9	1264.7	1236.8	1202.1	1152.0	1085.6	999.3	901.2	794.4	685.1
-18.75°	1254.0	1233.2	1206.7	1171.7	1119.9	1053.5	974.9	884.6	786.0	685.1	586.9
-20°	1190.7	1159.4	1120.2	1069.2	1006.2	932.7	851.2	760.9	669.8	580.3	497.1
-21.25°	1087.0	1046.0	998.4	940.3	874.9	800.4	720.6	639.5	560.6	487.4	425.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	949.9	907.5	857.8	799.1	734.2	667.0	597.0	528.1	468.1	417.4	382.3
-23.75°	799.6	757.5	710.2	657.9	601.4	544.7	489.5	439.5	404.0	375.2	354.0
-25°	650.1	613.0	574.2	530.0	487.6	446.5	413.0	385.5	365.4	346.8	329.2
-26.25°	516.5	490.7	462.7	430.8	409.0	386.5	369.1	352.6	337.2	321.2	304.3
-27.5°	420.9	407.8	392.5	377.2	365.0	351.5	338.8	325.2	310.6	295.2	280.1
-28.75°	370.3	362.4	353.3	344.0	333.9	322.8	310.7	297.6	284.2	271.4	257.8
-30°	336.8	330.3	322.8	314.2	304.6	293.9	283.1	272.2	260.6	248.2	235.1
-31.25°	305.8	299.6	292.5	284.8	276.7	267.9	258.2	247.8	236.6	226.9	217.7
-32.5°	276.5	271.4	265.5	258.6	251.0	242.5	233.3	225.8	217.9	209.5	200.5
-33.75°	249.5	244.6	238.9	232.6	227.2	221.2	214.6	207.6	199.9	191.8	183.2
-35°	225.2	221.8	217.8	213.2	208.0	202.2	196.0	189.2	181.8	174.0	165.7
-36.25°	205.2	202.0	198.1	193.7	188.7	183.2	177.2	170.6	163.6	156.1	148.9
-37.5°	185.2	182.0	178.4	174.1	169.4	164.1	158.3	152.0	146.7	141.1	135.2
-38.75°	165.1	162.1	158.6	154.5	150.3	146.4	142.1	137.4	132.4	127.0	121.3
-40°	146.5	144.3	141.6	138.6	135.2	131.5	127.3	122.9	118.1	113.2	107.9
-41.25°	130.9	128.8	126.3	123.4	120.1	116.7	112.9	108.8	104.3	99.6	94.5
-42.5°	115.5	113.6	111.3	108.6	105.6	102.3	98.7	94.8	90.5	87.6	84.8
-43.75°	100.6	98.7	96.5	94.0	91.1	88.7	86.7	84.6	82.2	79.7	77.0
-45°	87.4	86.4	85.2	83.8	82.2	80.5	78.5	76.4	74.2	72.2	71.3
-46.25°	78.8	77.8	76.7	75.3	73.8	72.3	71.7	71.0	70.2	69.4	68.6
-47.5°	71.7	71.3	70.9	70.5	70.0	69.4	68.8	68.2	67.4	66.7	66.1
-48.75°	68.7	68.4	68.0	67.6	67.1	66.6	66.2	65.9	65.5	65.2	64.8
-50°	66.1	65.9	65.7	65.5	65.3	65.0	64.8	64.5	64.1	63.8	63.4
-51.25°	64.6	64.4	64.3	64.1	63.8	63.6	63.3	63.0	62.7	62.4	62.0
-52.5°	63.1	62.9	62.8	62.6	62.4	62.2	61.9	61.6	61.3	61.0	60.6
-53.75°	61.6	61.5	61.3	61.1	60.9	60.7	60.5	60.1	59.8	59.4	59.0
-55°	60.0	59.9	59.7	59.5	59.2	59.0	58.7	58.3	58.0	57.6	57.2
-56.25°	58.2	58.0	57.8	57.6	57.4	57.1	56.8	56.5	56.3	56.0	55.7
-57.5°	56.3	56.2	56.1	55.9	55.8	55.6	55.4	55.1	54.9	54.6	54.3
-58.75°	54.9	54.7	54.6	54.5	54.3	54.1	53.9	53.7	53.4	53.0	52.5
-60°	53.2	53.1	52.9	52.7	52.4	52.2	51.9	51.5	51.2	50.8	50.4
-61.25°	51.0	50.8	50.6	50.4	50.2	49.9	49.6	49.3	49.0	48.6	48.2
-62.5°	48.6	48.5	48.3	48.1	47.8	47.5	47.2	46.9	46.5	46.1	45.7
-63.75°	46.1	45.9	45.7	45.5	45.3	45.0	44.7	44.4	44.1	43.7	43.1
-65°	43.4	43.2	43.0	42.7	42.4	42.1	41.7	41.3	40.9	40.5	40.0
-66.25°	40.0	39.8	39.6	39.4	39.1	38.8	38.4	38.1	37.7	37.2	36.8
-67.5°	36.7	36.6	36.4	36.2	36.0	35.8	35.6	35.3	35.0	34.7	34.3
-68.75°	34.1	33.9	33.8	33.6	33.4	33.2	33.0	32.7	32.5	32.2	31.9
-70°	31.4	31.3	31.1	30.9	30.7	30.5	30.3	30.0	29.7	29.4	29.1
-71.25°	28.4	28.3	28.2	28.0	27.8	27.6	27.4	27.1	26.8	26.5	26.2
-72.5°	25.6	25.5	25.4	25.4	25.3	25.2	25.1	24.9	24.8	24.7	24.5
-73.75°	24.0	24.0	23.9	23.8	23.8	23.7	23.6	23.4	23.3	23.2	23.1
-75°	22.5	22.4	22.4	22.3	22.2	22.2	22.1	22.0	21.9	21.7	21.6
-76.25°	21.0	21.0	20.9	20.8	20.8	20.7	20.6	20.5	20.4	20.3	20.2
-77.5°	19.5	19.5	19.4	19.4	19.3	19.2	19.2	19.1	19.0	18.9	18.8



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	18.0	18.0	17.9	17.9	17.8	17.8	17.7	17.6	17.6	17.5	17.4
-80°	16.5	16.5	16.4	16.4	16.3	16.2	16.2	16.1	16.0	15.9	15.8
-81.25°	14.6	14.6	14.5	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.0
-82.5°	12.7	12.7	12.6	12.6	12.5	12.5	12.4	12.3	12.3	12.2	12.1
-83.75°	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0	10.0
-85°	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
-86.25°	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.7
-87.5°	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6
-88.75°	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
-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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
87.5°	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2
86.25°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0
85°	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	6.9
83.75°	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8
82.5°	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0	10.8	10.7
81.25°	13.9	13.8	13.7	13.6	13.4	13.3	13.2	13.0	12.9	12.8	12.6
80°	15.7	15.6	15.4	15.3	15.2	15.0	14.9	14.7	14.5	14.4	14.2
78.75°	17.3	17.2	17.1	16.9	16.8	16.7	16.5	16.4	16.2	16.0	15.8
77.5°	18.7	18.6	18.4	18.3	18.2	18.0	17.9	17.7	17.6	17.4	17.2
76.25°	20.1	20.0	19.8	19.7	19.5	19.4	19.2	19.0	18.9	18.7	18.5
75°	21.5	21.4	21.2	21.0	20.9	20.7	20.5	20.3	20.1	19.9	19.7
73.75°	22.9	22.7	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2	21.0
72.5°	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.7	22.5	22.2
71.25°	25.9	25.6	25.4	25.2	25.0	24.8	24.5	24.3	24.0	23.8	23.5
70°	28.7	28.3	27.9	27.5	27.0	26.6	26.1	25.6	25.4	25.1	24.8
68.75°	31.5	31.1	30.7	30.2	29.7	29.2	28.7	28.2	27.6	27.0	26.4
67.5°	34.0	33.6	33.2	32.8	32.3	31.9	31.3	30.7	30.2	29.5	28.9
66.25°	36.4	36.0	35.6	35.2	34.7	34.2	33.7	33.1	32.6	32.0	31.4
65°	39.4	38.9	38.3	37.7	37.1	36.5	36.0	35.4	34.8	34.2	33.6
63.75°	42.6	42.0	41.4	40.8	40.1	39.4	38.6	37.9	37.1	36.4	35.7
62.5°	45.3	44.8	44.3	43.8	43.1	42.3	41.6	40.8	39.9	39.0	38.1
61.25°	47.7	47.2	46.7	46.1	45.6	45.0	44.3	43.6	42.8	41.8	40.9
60°	50.0	49.5	49.0	48.5	47.8	47.2	46.6	45.9	45.2	44.4	43.6
58.75°	52.1	51.6	51.1	50.6	50.0	49.4	48.8	48.1	47.3	46.6	45.8
57.5°	54.0	53.7	53.2	52.6	52.0	51.4	50.8	50.1	49.4	48.7	47.8
56.25°	55.4	55.0	54.7	54.3	53.9	53.4	52.7	52.0	51.3	50.6	49.8
55°	56.8	56.4	56.0	55.6	55.2	54.8	54.3	53.8	53.2	52.4	51.6
53.75°	58.5	58.0	57.5	57.0	56.5	56.0	55.6	55.1	54.6	54.0	53.4
52.5°	60.2	59.7	59.2	58.7	58.1	57.5	56.9	56.3	55.8	55.2	54.7
51.25°	61.6	61.2	60.8	60.3	59.7	59.1	58.5	57.8	57.1	56.4	55.8
50°	63.0	62.6	62.1	61.6	61.2	60.6	60.0	59.3	58.6	57.9	57.1
48.75°	64.3	63.9	63.4	62.9	62.4	61.9	61.4	60.8	60.1	59.4	58.6
47.5°	65.7	65.2	64.7	64.2	63.7	63.2	62.6	62.0	61.4	60.7	60.0
46.25°	67.7	66.7	66.0	65.5	65.0	64.4	63.8	63.2	62.5	61.9	61.2
45°	70.3	69.3	68.3	67.2	66.2	65.6	65.0	64.4	63.7	63.0	62.3
43.75°	74.1	72.0	70.9	69.7	68.5	67.3	66.2	65.6	64.9	64.2	63.4
42.5°	81.8	78.7	75.4	72.3	71.0	69.7	68.4	67.0	66.0	65.3	64.5
41.25°	89.5	86.2	82.8	79.3	75.6	72.2	70.8	69.4	67.9	66.4	65.6
40°	102.4	96.5	90.4	86.5	82.6	78.6	74.5	71.7	70.1	68.6	67.0
38.75°	115.5	109.4	103.1	96.4	89.6	85.5	81.2	76.8	72.4	70.8	69.1
37.5°	128.9	122.3	115.6	108.7	101.6	94.2	87.9	83.3	78.7	73.8	71.2
36.25°	142.4	135.6	128.4	120.9	113.5	105.8	97.9	89.8	84.9	80.0	74.9
35°	157.0	148.7	141.3	133.5	125.5	117.3	109.2	100.7	92.1	86.0	80.7



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	174.2	164.6	154.7	146.0	137.7	129.1	120.3	111.5	102.6	93.5	86.5
32.5°	191.1	181.3	171.0	160.3	149.7	140.8	131.7	122.3	113.0	103.6	93.9
31.25°	207.9	197.7	187.0	175.9	164.5	152.6	143.0	133.3	123.3	113.5	103.6
30°	224.4	213.9	202.8	191.4	179.5	167.3	154.7	144.0	133.8	123.3	113.0
28.75°	243.5	229.8	218.4	206.5	194.3	181.7	168.7	155.4	144.0	133.3	122.3
27.5°	265.3	249.9	233.8	221.4	208.8	195.8	182.4	168.7	154.7	143.0	131.7
26.25°	286.8	270.8	254.2	237.0	222.9	209.5	195.8	181.7	167.3	152.6	140.8
25°	310.8	291.7	274.1	256.3	238.0	222.9	208.8	194.3	179.5	164.5	149.7
23.75°	334.6	314.8	294.3	275.2	256.3	237.0	221.4	206.5	191.4	175.9	160.3
22.5°	358.8	337.3	316.1	294.3	274.1	254.2	233.8	218.4	202.8	187.0	171.0
21.25°	387.5	360.4	337.3	314.8	291.7	270.8	249.9	229.8	213.9	197.7	181.3
20°	428.5	387.5	358.8	334.6	310.8	286.8	265.3	243.5	224.4	207.9	191.1
18.75°	497.1	425.5	382.3	354.0	329.2	304.3	280.1	257.8	235.1	217.7	200.5
17.5°	580.3	487.4	417.4	375.2	346.8	321.2	295.2	271.4	248.2	226.9	209.5
16.25°	669.8	560.6	468.1	404.0	365.4	337.2	310.6	284.2	260.6	236.6	217.9
15°	760.9	639.5	528.1	439.5	385.5	352.6	325.2	297.6	272.2	247.8	225.8
13.75°	851.2	720.6	597.0	489.5	413.0	369.1	338.8	310.7	283.1	258.2	233.3
12.5°	932.7	800.4	667.0	544.7	446.5	386.5	351.5	322.8	293.9	267.9	242.5
11.25°	1006.2	874.9	734.2	601.4	487.6	409.0	365.0	333.9	304.6	276.7	251.0
10°	1069.2	940.3	799.1	657.9	530.0	430.8	377.2	344.0	314.2	284.8	258.6
8.75°	1120.2	998.4	857.8	710.2	574.2	462.7	392.5	353.3	322.8	292.5	265.5
7.5°	1159.4	1046.0	907.5	757.5	613.0	490.7	407.8	362.4	330.3	299.6	271.4
6.25°	1190.7	1087.0	949.9	799.6	650.1	516.5	420.9	370.3	336.8	305.8	276.5
5°	1208.6	1116.2	985.1	834.4	681.2	542.6	434.6	376.7	342.1	310.8	280.7
3.75°	1222.7	1137.1	1010.6	861.8	705.5	563.0	449.4	382.3	346.2	314.8	284.0
2.5°	1232.9	1152.2	1028.7	880.8	723.0	577.8	460.0	388.1	349.2	317.6	286.3
1.25°	1239.0	1161.3	1039.7	892.1	733.6	586.6	466.4	391.5	351.0	319.3	287.7
0°	1241.1	1164.3	1043.4	895.9	737.1	589.6	468.5	392.7	351.6	319.9	288.2
-1.25°	1239.0	1161.3	1039.7	892.1	733.6	586.6	466.4	391.5	351.0	319.3	287.7
-2.5°	1232.9	1152.2	1028.7	880.8	723.0	577.8	460.0	388.1	349.2	317.6	286.3
-3.75°	1222.7	1137.1	1010.6	861.8	705.5	563.0	449.4	382.3	346.2	314.8	284.0
-5°	1208.6	1116.2	985.1	834.4	681.2	542.6	434.6	376.7	342.1	310.8	280.7
-6.25°	1190.7	1087.0	949.9	799.6	650.1	516.5	420.9	370.3	336.8	305.8	276.5
-7.5°	1159.4	1046.0	907.5	757.5	613.0	490.7	407.8	362.4	330.3	299.6	271.4
-8.75°	1120.2	998.4	857.8	710.2	574.2	462.7	392.5	353.3	322.8	292.5	265.5
-10°	1069.2	940.3	799.1	657.9	530.0	430.8	377.2	344.0	314.2	284.8	258.6
-11.25°	1006.2	874.9	734.2	601.4	487.6	409.0	365.0	333.9	304.6	276.7	251.0
-12.5°	932.7	800.4	667.0	544.7	446.5	386.5	351.5	322.8	293.9	267.9	242.5
-13.75°	851.2	720.6	597.0	489.5	413.0	369.1	338.8	310.7	283.1	258.2	233.3
-15°	760.9	639.5	528.1	439.5	385.5	352.6	325.2	297.6	272.2	247.8	225.8
-16.25°	669.8	560.6	468.1	404.0	365.4	337.2	310.6	284.2	260.6	236.6	217.9
-17.5°	580.3	487.4	417.4	375.2	346.8	321.2	295.2	271.4	248.2	226.9	209.5
-18.75°	497.1	425.5	382.3	354.0	329.2	304.3	280.1	257.8	235.1	217.7	200.5
-20°	428.5	387.5	358.8	334.6	310.8	286.8	265.3	243.5	224.4	207.9	191.1
-21.25°	387.5	360.4	337.3	314.8	291.7	270.8	249.9	229.8	213.9	197.7	181.3



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	358.8	337.3	316.1	294.3	274.1	254.2	233.8	218.4	202.8	187.0	171.0
-23.75°	334.6	314.8	294.3	275.2	256.3	237.0	221.4	206.5	191.4	175.9	160.3
-25°	310.8	291.7	274.1	256.3	238.0	222.9	208.8	194.3	179.5	164.5	149.7
-26.25°	286.8	270.8	254.2	237.0	222.9	209.5	195.8	181.7	167.3	152.6	140.8
-27.5°	265.3	249.9	233.8	221.4	208.8	195.8	182.4	168.7	154.7	143.0	131.7
-28.75°	243.5	229.8	218.4	206.5	194.3	181.7	168.7	155.4	144.0	133.3	122.3
-30°	224.4	213.9	202.8	191.4	179.5	167.3	154.7	144.0	133.8	123.3	113.0
-31.25°	207.9	197.7	187.0	175.9	164.5	152.6	143.0	133.3	123.3	113.5	103.6
-32.5°	191.1	181.3	171.0	160.3	149.7	140.8	131.7	122.3	113.0	103.6	93.9
-33.75°	174.2	164.6	154.7	146.0	137.7	129.1	120.3	111.5	102.6	93.5	86.5
-35°	157.0	148.7	141.3	133.5	125.5	117.3	109.2	100.7	92.1	86.0	80.7
-36.25°	142.4	135.6	128.4	120.9	113.5	105.8	97.9	89.8	84.9	80.0	74.9
-37.5°	128.9	122.3	115.6	108.7	101.6	94.2	87.9	83.3	78.7	73.8	71.2
-38.75°	115.5	109.4	103.1	96.4	89.6	85.5	81.2	76.8	72.4	70.8	69.1
-40°	102.4	96.5	90.4	86.5	82.6	78.6	74.5	71.7	70.1	68.6	67.0
-41.25°	89.5	86.2	82.8	79.3	75.6	72.2	70.8	69.4	67.9	66.4	65.6
-42.5°	81.8	78.7	75.4	72.3	71.0	69.7	68.4	67.0	66.0	65.3	64.5
-43.75°	74.1	72.0	70.9	69.7	68.5	67.3	66.2	65.6	64.9	64.2	63.4
-45°	70.3	69.3	68.3	67.2	66.2	65.6	65.0	64.4	63.7	63.0	62.3
-46.25°	67.7	66.7	66.0	65.5	65.0	64.4	63.8	63.2	62.5	61.9	61.2
-47.5°	65.7	65.2	64.7	64.2	63.7	63.2	62.6	62.0	61.4	60.7	60.0
-48.75°	64.3	63.9	63.4	62.9	62.4	61.9	61.4	60.8	60.1	59.4	58.6
-50°	63.0	62.6	62.1	61.6	61.2	60.6	60.0	59.3	58.6	57.9	57.1
-51.25°	61.6	61.2	60.8	60.3	59.7	59.1	58.5	57.8	57.1	56.4	55.8
-52.5°	60.2	59.7	59.2	58.7	58.1	57.5	56.9	56.3	55.8	55.2	54.7
-53.75°	58.5	58.0	57.5	57.0	56.5	56.0	55.6	55.1	54.6	54.0	53.4
-55°	56.8	56.4	56.0	55.6	55.2	54.8	54.3	53.8	53.2	52.4	51.6
-56.25°	55.4	55.0	54.7	54.3	53.9	53.4	52.7	52.0	51.3	50.6	49.8
-57.5°	54.0	53.7	53.2	52.6	52.0	51.4	50.8	50.1	49.4	48.7	47.8
-58.75°	52.1	51.6	51.1	50.6	50.0	49.4	48.8	48.1	47.3	46.6	45.8
-60°	50.0	49.5	49.0	48.5	47.8	47.2	46.6	45.9	45.2	44.4	43.6
-61.25°	47.7	47.2	46.7	46.1	45.6	45.0	44.3	43.6	42.8	41.8	40.9
-62.5°	45.3	44.8	44.3	43.8	43.1	42.3	41.6	40.8	39.9	39.0	38.1
-63.75°	42.6	42.0	41.4	40.8	40.1	39.4	38.6	37.9	37.1	36.4	35.7
-65°	39.4	38.9	38.3	37.7	37.1	36.5	36.0	35.4	34.8	34.2	33.6
-66.25°	36.4	36.0	35.6	35.2	34.7	34.2	33.7	33.1	32.6	32.0	31.4
-67.5°	34.0	33.6	33.2	32.8	32.3	31.9	31.3	30.7	30.2	29.5	28.9
-68.75°	31.5	31.1	30.7	30.2	29.7	29.2	28.7	28.2	27.6	27.0	26.4
-70°	28.7	28.3	27.9	27.5	27.0	26.6	26.1	25.6	25.4	25.1	24.8
-71.25°	25.9	25.6	25.4	25.2	25.0	24.8	24.5	24.3	24.0	23.8	23.5
-72.5°	24.4	24.2	24.0	23.8	23.6	23.4	23.2	23.0	22.7	22.5	22.2
-73.75°	22.9	22.7	22.6	22.4	22.2	22.0	21.8	21.6	21.4	21.2	21.0
-75°	21.5	21.4	21.2	21.0	20.9	20.7	20.5	20.3	20.1	19.9	19.7
-76.25°	20.1	20.0	19.8	19.7	19.5	19.4	19.2	19.0	18.9	18.7	18.5
-77.5°	18.7	18.6	18.4	18.3	18.2	18.0	17.9	17.7	17.6	17.4	17.2



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	17.3	17.2	17.1	16.9	16.8	16.7	16.5	16.4	16.2	16.0	15.8
-80°	15.7	15.6	15.4	15.3	15.2	15.0	14.9	14.7	14.5	14.4	14.2
-81.25°	13.9	13.8	13.7	13.6	13.4	13.3	13.2	13.0	12.9	12.8	12.6
-82.5°	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0	10.8	10.7
-83.75°	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8
-85°	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	6.9
-86.25°	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0
-87.5°	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2
-88.75°	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3
87.5°	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6
86.25°	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
85°	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5
83.75°	8.6	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.4	7.2	7.1
82.5°	10.5	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6
81.25°	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.4	10.2
80°	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.5	12.3	12.0	11.7
78.75°	15.6	15.4	15.2	14.9	14.7	14.5	14.2	14.0	13.7	13.5	13.2
77.5°	17.0	16.9	16.7	16.4	16.2	15.9	15.6	15.4	15.1	14.8	14.5
76.25°	18.3	18.1	17.9	17.6	17.4	17.2	17.0	16.7	16.4	16.1	15.8
75°	19.5	19.3	19.1	18.8	18.6	18.3	18.1	17.8	17.5	17.3	17.0
73.75°	20.7	20.5	20.3	20.0	19.7	19.5	19.2	18.9	18.6	18.3	18.0
72.5°	22.0	21.7	21.4	21.2	20.9	20.6	20.3	20.0	19.7	19.3	19.0
71.25°	23.2	22.9	22.6	22.3	22.0	21.7	21.4	21.1	20.7	20.4	20.0
70°	24.5	24.2	23.9	23.5	23.2	22.8	22.5	22.1	21.8	21.4	21.0
68.75°	25.8	25.4	25.1	24.7	24.4	24.0	23.6	23.2	22.8	22.4	22.0
67.5°	28.2	27.5	26.8	26.1	25.5	25.1	24.7	24.3	23.9	23.5	23.0
66.25°	30.7	29.9	29.2	28.4	27.6	26.8	26.0	25.4	25.0	24.5	24.1
65°	32.9	32.2	31.5	30.7	29.9	29.0	28.2	27.3	26.4	25.6	25.1
63.75°	35.0	34.3	33.6	32.8	32.1	31.2	30.3	29.4	28.4	27.4	26.4
62.5°	37.2	36.4	35.6	34.9	34.0	33.2	32.4	31.5	30.5	29.4	28.4
61.25°	39.9	38.9	37.9	36.9	36.0	35.1	34.2	33.3	32.4	31.4	30.3
60°	42.6	41.6	40.5	39.4	38.2	37.1	36.1	35.2	34.2	33.2	32.2
58.75°	45.0	44.1	43.1	41.9	40.7	39.5	38.2	37.0	36.0	34.9	33.9
57.5°	47.0	46.1	45.2	44.3	43.2	41.9	40.6	39.3	37.9	36.6	35.5
56.25°	49.0	48.1	47.2	46.2	45.2	44.2	43.0	41.6	40.2	38.7	37.3
55°	50.8	50.0	49.1	48.1	47.1	46.0	44.9	43.8	42.4	40.9	39.4
53.75°	52.6	51.7	50.8	49.9	48.9	47.8	46.7	45.6	44.4	43.0	41.4
52.5°	54.1	53.4	52.5	51.5	50.6	49.5	48.5	47.3	46.1	44.8	43.5
51.25°	55.2	54.6	54.0	53.2	52.2	51.1	50.1	49.0	47.7	46.4	45.1
50°	56.4	55.7	55.1	54.4	53.7	52.7	51.6	50.5	49.3	48.0	46.7
48.75°	57.7	56.9	56.1	55.4	54.7	54.0	53.1	51.9	50.7	49.5	48.2
47.5°	59.1	58.3	57.4	56.5	55.8	55.0	54.2	53.4	52.1	50.9	49.6
46.25°	60.5	59.6	58.7	57.8	56.8	56.0	55.2	54.4	53.5	52.3	51.0
45°	61.6	60.9	60.0	59.1	58.1	57.1	56.1	55.3	54.5	53.6	52.3
43.75°	62.7	61.9	61.2	60.3	59.3	58.3	57.2	56.2	55.3	54.5	53.5
42.5°	63.8	63.0	62.2	61.4	60.5	59.5	58.4	57.2	56.2	55.3	54.4
41.25°	64.8	64.0	63.2	62.3	61.5	60.6	59.5	58.4	57.2	56.1	55.2
40°	65.9	65.0	64.2	63.3	62.4	61.5	60.6	59.5	58.3	57.1	56.0
38.75°	67.4	66.0	65.2	64.3	63.4	62.4	61.5	60.5	59.3	58.1	56.8
37.5°	69.5	67.7	66.1	65.2	64.3	63.3	62.3	61.4	60.3	59.1	57.8
36.25°	71.5	69.6	67.8	66.1	65.2	64.2	63.2	62.2	61.2	60.0	58.7
35°	75.4	71.5	69.6	67.7	66.0	65.0	64.0	63.0	61.9	60.9	59.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
33.75°	81.0	75.4	71.5	69.5	67.4	65.9	64.8	63.8	62.7	61.6	60.5
32.5°	86.5	80.7	74.9	71.2	69.1	67.0	65.6	64.5	63.4	62.3	61.2
31.25°	93.5	86.0	80.0	73.8	70.8	68.6	66.4	65.3	64.2	63.0	61.9
30°	102.6	92.1	84.9	78.7	72.4	70.1	67.9	66.0	64.9	63.7	62.5
28.75°	111.5	100.7	89.8	83.3	76.8	71.7	69.4	67.0	65.6	64.4	63.2
27.5°	120.3	109.2	97.9	87.9	81.2	74.5	70.8	68.4	66.2	65.0	63.8
26.25°	129.1	117.3	105.8	94.2	85.5	78.6	72.2	69.7	67.3	65.6	64.4
25°	137.7	125.5	113.5	101.6	89.6	82.6	75.6	71.0	68.5	66.2	65.0
23.75°	146.0	133.5	120.9	108.7	96.4	86.5	79.3	72.3	69.7	67.2	65.5
22.5°	154.7	141.3	128.4	115.6	103.1	90.4	82.8	75.4	70.9	68.3	66.0
21.25°	164.6	148.7	135.6	122.3	109.4	96.5	86.2	78.7	72.0	69.3	66.7
20°	174.2	157.0	142.4	128.9	115.5	102.4	89.5	81.8	74.1	70.3	67.7
18.75°	183.2	165.7	148.9	135.2	121.3	107.9	94.5	84.8	77.0	71.3	68.6
17.5°	191.8	174.0	156.1	141.1	127.0	113.2	99.6	87.6	79.7	72.2	69.4
16.25°	199.9	181.8	163.6	146.7	132.4	118.1	104.3	90.5	82.2	74.2	70.2
15°	207.6	189.2	170.6	152.0	137.4	122.9	108.8	94.8	84.6	76.4	71.0
13.75°	214.6	196.0	177.2	158.3	142.1	127.3	112.9	98.7	86.7	78.5	71.7
12.5°	221.2	202.2	183.2	164.1	146.4	131.5	116.7	102.3	88.7	80.5	72.3
11.25°	227.2	208.0	188.7	169.4	150.3	135.2	120.1	105.6	91.1	82.2	73.8
10°	232.6	213.2	193.7	174.1	154.5	138.6	123.4	108.6	94.0	83.8	75.3
8.75°	238.9	217.8	198.1	178.4	158.6	141.6	126.3	111.3	96.5	85.2	76.7
7.5°	244.6	221.8	202.0	182.0	162.1	144.3	128.8	113.6	98.7	86.4	77.8
6.25°	249.5	225.2	205.2	185.2	165.1	146.5	130.9	115.5	100.6	87.4	78.8
5°	253.5	228.1	207.9	187.8	167.6	148.3	132.7	117.1	102.2	88.3	79.6
3.75°	256.6	230.3	210.0	189.8	169.5	149.8	134.0	118.4	103.4	88.9	80.3
2.5°	258.9	231.8	211.5	191.2	170.9	150.8	135.0	119.3	104.2	89.4	80.7
1.25°	260.2	232.8	212.4	192.1	171.7	151.4	135.6	119.8	104.7	89.7	81.0
0°	260.7	233.1	212.8	192.4	172.0	151.6	135.8	120.0	104.9	89.8	81.1
-1.25°	260.2	232.8	212.4	192.1	171.7	151.4	135.6	119.8	104.7	89.7	81.0
-2.5°	258.9	231.8	211.5	191.2	170.9	150.8	135.0	119.3	104.2	89.4	80.7
-3.75°	256.6	230.3	210.0	189.8	169.5	149.8	134.0	118.4	103.4	88.9	80.3
-5°	253.5	228.1	207.9	187.8	167.6	148.3	132.7	117.1	102.2	88.3	79.6
-6.25°	249.5	225.2	205.2	185.2	165.1	146.5	130.9	115.5	100.6	87.4	78.8
-7.5°	244.6	221.8	202.0	182.0	162.1	144.3	128.8	113.6	98.7	86.4	77.8
-8.75°	238.9	217.8	198.1	178.4	158.6	141.6	126.3	111.3	96.5	85.2	76.7
-10°	232.6	213.2	193.7	174.1	154.5	138.6	123.4	108.6	94.0	83.8	75.3
-11.25°	227.2	208.0	188.7	169.4	150.3	135.2	120.1	105.6	91.1	82.2	73.8
-12.5°	221.2	202.2	183.2	164.1	146.4	131.5	116.7	102.3	88.7	80.5	72.3
-13.75°	214.6	196.0	177.2	158.3	142.1	127.3	112.9	98.7	86.7	78.5	71.7
-15°	207.6	189.2	170.6	152.0	137.4	122.9	108.8	94.8	84.6	76.4	71.0
-16.25°	199.9	181.8	163.6	146.7	132.4	118.1	104.3	90.5	82.2	74.2	70.2
-17.5°	191.8	174.0	156.1	141.1	127.0	113.2	99.6	87.6	79.7	72.2	69.4
-18.75°	183.2	165.7	148.9	135.2	121.3	107.9	94.5	84.8	77.0	71.3	68.6
-20°	174.2	157.0	142.4	128.9	115.5	102.4	89.5	81.8	74.1	70.3	67.7
-21.25°	164.6	148.7	135.6	122.3	109.4	96.5	86.2	78.7	72.0	69.3	66.7



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
-22.5°	154.7	141.3	128.4	115.6	103.1	90.4	82.8	75.4	70.9	68.3	66.0
-23.75°	146.0	133.5	120.9	108.7	96.4	86.5	79.3	72.3	69.7	67.2	65.5
-25°	137.7	125.5	113.5	101.6	89.6	82.6	75.6	71.0	68.5	66.2	65.0
-26.25°	129.1	117.3	105.8	94.2	85.5	78.6	72.2	69.7	67.3	65.6	64.4
-27.5°	120.3	109.2	97.9	87.9	81.2	74.5	70.8	68.4	66.2	65.0	63.8
-28.75°	111.5	100.7	89.8	83.3	76.8	71.7	69.4	67.0	65.6	64.4	63.2
-30°	102.6	92.1	84.9	78.7	72.4	70.1	67.9	66.0	64.9	63.7	62.5
-31.25°	93.5	86.0	80.0	73.8	70.8	68.6	66.4	65.3	64.2	63.0	61.9
-32.5°	86.5	80.7	74.9	71.2	69.1	67.0	65.6	64.5	63.4	62.3	61.2
-33.75°	81.0	75.4	71.5	69.5	67.4	65.9	64.8	63.8	62.7	61.6	60.5
-35°	75.4	71.5	69.6	67.7	66.0	65.0	64.0	63.0	61.9	60.9	59.6
-36.25°	71.5	69.6	67.8	66.1	65.2	64.2	63.2	62.2	61.2	60.0	58.7
-37.5°	69.5	67.7	66.1	65.2	64.3	63.3	62.3	61.4	60.3	59.1	57.8
-38.75°	67.4	66.0	65.2	64.3	63.4	62.4	61.5	60.5	59.3	58.1	56.8
-40°	65.9	65.0	64.2	63.3	62.4	61.5	60.6	59.5	58.3	57.1	56.0
-41.25°	64.8	64.0	63.2	62.3	61.5	60.6	59.5	58.4	57.2	56.1	55.2
-42.5°	63.8	63.0	62.2	61.4	60.5	59.5	58.4	57.2	56.2	55.3	54.4
-43.75°	62.7	61.9	61.2	60.3	59.3	58.3	57.2	56.2	55.3	54.5	53.5
-45°	61.6	60.9	60.0	59.1	58.1	57.1	56.1	55.3	54.5	53.6	52.3
-46.25°	60.5	59.6	58.7	57.8	56.8	56.0	55.2	54.4	53.5	52.3	51.0
-47.5°	59.1	58.3	57.4	56.5	55.8	55.0	54.2	53.4	52.1	50.9	49.6
-48.75°	57.7	56.9	56.1	55.4	54.7	54.0	53.1	51.9	50.7	49.5	48.2
-50°	56.4	55.7	55.1	54.4	53.7	52.7	51.6	50.5	49.3	48.0	46.7
-51.25°	55.2	54.6	54.0	53.2	52.2	51.1	50.1	49.0	47.7	46.4	45.1
-52.5°	54.1	53.4	52.5	51.5	50.6	49.5	48.5	47.3	46.1	44.8	43.5
-53.75°	52.6	51.7	50.8	49.9	48.9	47.8	46.7	45.6	44.4	43.0	41.4
-55°	50.8	50.0	49.1	48.1	47.1	46.0	44.9	43.8	42.4	40.9	39.4
-56.25°	49.0	48.1	47.2	46.2	45.2	44.2	43.0	41.6	40.2	38.7	37.3
-57.5°	47.0	46.1	45.2	44.3	43.2	41.9	40.6	39.3	37.9	36.6	35.5
-58.75°	45.0	44.1	43.1	41.9	40.7	39.5	38.2	37.0	36.0	34.9	33.9
-60°	42.6	41.6	40.5	39.4	38.2	37.1	36.1	35.2	34.2	33.2	32.2
-61.25°	39.9	38.9	37.9	36.9	36.0	35.1	34.2	33.3	32.4	31.4	30.3
-62.5°	37.2	36.4	35.6	34.9	34.0	33.2	32.4	31.5	30.5	29.4	28.4
-63.75°	35.0	34.3	33.6	32.8	32.1	31.2	30.3	29.4	28.4	27.4	26.4
-65°	32.9	32.2	31.5	30.7	29.9	29.0	28.2	27.3	26.4	25.6	25.1
-66.25°	30.7	29.9	29.2	28.4	27.6	26.8	26.0	25.4	25.0	24.5	24.1
-67.5°	28.2	27.5	26.8	26.1	25.5	25.1	24.7	24.3	23.9	23.5	23.0
-68.75°	25.8	25.4	25.1	24.7	24.4	24.0	23.6	23.2	22.8	22.4	22.0
-70°	24.5	24.2	23.9	23.5	23.2	22.8	22.5	22.1	21.8	21.4	21.0
-71.25°	23.2	22.9	22.6	22.3	22.0	21.7	21.4	21.1	20.7	20.4	20.0
-72.5°	22.0	21.7	21.4	21.2	20.9	20.6	20.3	20.0	19.7	19.3	19.0
-73.75°	20.7	20.5	20.3	20.0	19.7	19.5	19.2	18.9	18.6	18.3	18.0
-75°	19.5	19.3	19.1	18.8	18.6	18.3	18.1	17.8	17.5	17.3	17.0
-76.25°	18.3	18.1	17.9	17.6	17.4	17.2	17.0	16.7	16.4	16.1	15.8
-77.5°	17.0	16.9	16.7	16.4	16.2	15.9	15.6	15.4	15.1	14.8	14.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
-78.75°	15.6	15.4	15.2	14.9	14.7	14.5	14.2	14.0	13.7	13.5	13.2
-80°	14.0	13.8	13.6	13.4	13.2	13.0	12.8	12.5	12.3	12.0	11.7
-81.25°	12.4	12.2	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.4	10.2
-82.5°	10.5	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6
-83.75°	8.6	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.4	7.2	7.1
-85°	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5
-86.25°	4.9	4.8	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
-87.5°	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6
-88.75°	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9
87.5°	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9
86.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.8
85°	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8
83.75°	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9
82.5°	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.3	6.0
81.25°	9.9	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.2
80°	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3
78.75°	12.9	12.6	12.3	11.9	11.6	11.2	10.9	10.5	10.1	9.8	9.4
77.5°	14.2	13.9	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.9	10.5
76.25°	15.4	15.1	14.8	14.4	14.0	13.7	13.3	12.9	12.5	12.0	11.6
75°	16.7	16.3	16.0	15.6	15.2	14.8	14.4	14.0	13.6	13.1	12.7
73.75°	17.7	17.4	17.0	16.7	16.3	15.9	15.4	15.0	14.5	14.1	13.6
72.5°	18.7	18.3	18.0	17.6	17.3	16.9	16.5	16.0	15.5	15.0	14.5
71.25°	19.7	19.3	18.9	18.5	18.1	17.7	17.3	16.9	16.5	16.0	15.5
70°	20.6	20.2	19.8	19.4	19.0	18.6	18.2	17.7	17.3	16.9	16.4
68.75°	21.6	21.2	20.8	20.3	19.9	19.5	19.0	18.5	18.1	17.6	17.1
67.5°	22.6	22.1	21.7	21.2	20.8	20.3	19.8	19.3	18.8	18.3	17.8
66.25°	23.6	23.1	22.6	22.1	21.6	21.1	20.6	20.1	19.6	19.1	18.5
65°	24.6	24.1	23.5	23.0	22.5	22.0	21.4	20.9	20.3	19.8	19.2
63.75°	25.6	25.0	24.5	23.9	23.4	22.8	22.2	21.7	21.1	20.5	19.9
62.5°	27.3	26.2	25.4	24.8	24.2	23.6	23.0	22.4	21.8	21.2	20.6
61.25°	29.2	28.1	26.9	25.8	25.1	24.5	23.9	23.2	22.6	21.9	21.3
60°	31.1	29.9	28.7	27.5	26.2	25.3	24.7	24.0	23.3	22.6	22.0
58.75°	32.8	31.7	30.4	29.2	27.9	26.6	25.5	24.8	24.1	23.4	22.6
57.5°	34.4	33.3	32.1	30.9	29.5	28.2	26.8	25.5	24.8	24.1	23.3
56.25°	36.0	34.9	33.7	32.4	31.1	29.7	28.3	26.8	25.5	24.8	24.0
55°	37.8	36.4	35.2	33.9	32.6	31.3	29.8	28.3	26.8	25.5	24.7
53.75°	39.8	38.2	36.7	35.4	34.0	32.7	31.3	29.7	28.2	26.6	25.3
52.5°	41.9	40.2	38.5	36.8	35.4	34.0	32.6	31.1	29.5	27.9	26.2
51.25°	43.8	42.1	40.3	38.5	36.8	35.4	33.9	32.4	30.9	29.2	27.5
50°	45.3	44.0	42.2	40.3	38.5	36.7	35.2	33.7	32.1	30.4	28.7
48.75°	46.8	45.4	44.0	42.1	40.2	38.2	36.4	34.9	33.3	31.7	29.9
47.5°	48.3	46.8	45.3	43.8	41.9	39.8	37.8	36.0	34.4	32.8	31.1
46.25°	49.6	48.2	46.7	45.1	43.5	41.4	39.4	37.3	35.5	33.9	32.2
45°	50.9	49.5	48.0	46.4	44.8	43.0	40.9	38.7	36.6	34.9	33.2
43.75°	52.1	50.7	49.3	47.7	46.1	44.4	42.4	40.2	37.9	36.0	34.2
42.5°	53.4	51.9	50.5	49.0	47.3	45.6	43.8	41.6	39.3	37.0	35.2
41.25°	54.2	53.1	51.6	50.1	48.5	46.7	44.9	43.0	40.6	38.2	36.1
40°	55.0	54.0	52.7	51.1	49.5	47.8	46.0	44.2	41.9	39.5	37.1
38.75°	55.8	54.7	53.7	52.2	50.6	48.9	47.1	45.2	43.2	40.7	38.2
37.5°	56.5	55.4	54.4	53.2	51.5	49.9	48.1	46.2	44.3	41.9	39.4
36.25°	57.4	56.1	55.1	54.0	52.5	50.8	49.1	47.2	45.2	43.1	40.5
35°	58.3	56.9	55.7	54.6	53.4	51.7	50.0	48.1	46.1	44.1	41.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	59.1	57.7	56.4	55.2	54.1	52.6	50.8	49.0	47.0	45.0	42.6
32.5°	60.0	58.6	57.1	55.8	54.7	53.4	51.6	49.8	47.8	45.8	43.6
31.25°	60.7	59.4	57.9	56.4	55.2	54.0	52.4	50.6	48.7	46.6	44.4
30°	61.4	60.1	58.6	57.1	55.8	54.6	53.2	51.3	49.4	47.3	45.2
28.75°	62.0	60.8	59.3	57.8	56.3	55.1	53.8	52.0	50.1	48.1	45.9
27.5°	62.6	61.4	60.0	58.5	56.9	55.6	54.3	52.7	50.8	48.8	46.6
26.25°	63.2	61.9	60.6	59.1	57.5	56.0	54.8	53.4	51.4	49.4	47.2
25°	63.7	62.4	61.2	59.7	58.1	56.5	55.2	53.9	52.0	50.0	47.8
23.75°	64.2	62.9	61.6	60.3	58.7	57.0	55.6	54.3	52.6	50.6	48.5
22.5°	64.7	63.4	62.1	60.8	59.2	57.5	56.0	54.7	53.2	51.1	49.0
21.25°	65.2	63.9	62.6	61.2	59.7	58.0	56.4	55.0	53.7	51.6	49.5
20°	65.7	64.3	63.0	61.6	60.2	58.5	56.8	55.4	54.0	52.1	50.0
18.75°	66.1	64.8	63.4	62.0	60.6	59.0	57.2	55.7	54.3	52.5	50.4
17.5°	66.7	65.2	63.8	62.4	61.0	59.4	57.6	56.0	54.6	53.0	50.8
16.25°	67.4	65.5	64.1	62.7	61.3	59.8	58.0	56.3	54.9	53.4	51.2
15°	68.2	65.9	64.5	63.0	61.6	60.1	58.3	56.5	55.1	53.7	51.5
13.75°	68.8	66.2	64.8	63.3	61.9	60.5	58.7	56.8	55.4	53.9	51.9
12.5°	69.4	66.6	65.0	63.6	62.2	60.7	59.0	57.1	55.6	54.1	52.2
11.25°	70.0	67.1	65.3	63.8	62.4	60.9	59.2	57.4	55.8	54.3	52.4
10°	70.5	67.6	65.5	64.1	62.6	61.1	59.5	57.6	55.9	54.5	52.7
8.75°	70.9	68.0	65.7	64.3	62.8	61.3	59.7	57.8	56.1	54.6	52.9
7.5°	71.3	68.4	65.9	64.4	62.9	61.5	59.9	58.0	56.2	54.7	53.1
6.25°	71.7	68.7	66.1	64.6	63.1	61.6	60.0	58.2	56.3	54.9	53.2
5°	71.9	68.9	66.2	64.7	63.2	61.7	60.2	58.3	56.4	54.9	53.4
3.75°	72.1	69.1	66.3	64.8	63.3	61.8	60.3	58.4	56.5	55.0	53.5
2.5°	72.3	69.3	66.3	64.8	63.3	61.9	60.3	58.4	56.6	55.1	53.5
1.25°	72.4	69.4	66.4	64.9	63.4	61.9	60.4	58.5	56.6	55.1	53.6
0°	72.4	69.4	66.4	64.9	63.4	61.9	60.4	58.5	56.6	55.1	53.6
-1.25°	72.4	69.4	66.4	64.9	63.4	61.9	60.4	58.5	56.6	55.1	53.6
-2.5°	72.3	69.3	66.3	64.8	63.3	61.9	60.3	58.4	56.6	55.1	53.5
-3.75°	72.1	69.1	66.3	64.8	63.3	61.8	60.3	58.4	56.5	55.0	53.5
-5°	71.9	68.9	66.2	64.7	63.2	61.7	60.2	58.3	56.4	54.9	53.4
-6.25°	71.7	68.7	66.1	64.6	63.1	61.6	60.0	58.2	56.3	54.9	53.2
-7.5°	71.3	68.4	65.9	64.4	62.9	61.5	59.9	58.0	56.2	54.7	53.1
-8.75°	70.9	68.0	65.7	64.3	62.8	61.3	59.7	57.8	56.1	54.6	52.9
-10°	70.5	67.6	65.5	64.1	62.6	61.1	59.5	57.6	55.9	54.5	52.7
-11.25°	70.0	67.1	65.3	63.8	62.4	60.9	59.2	57.4	55.8	54.3	52.4
-12.5°	69.4	66.6	65.0	63.6	62.2	60.7	59.0	57.1	55.6	54.1	52.2
-13.75°	68.8	66.2	64.8	63.3	61.9	60.5	58.7	56.8	55.4	53.9	51.9
-15°	68.2	65.9	64.5	63.0	61.6	60.1	58.3	56.5	55.1	53.7	51.5
-16.25°	67.4	65.5	64.1	62.7	61.3	59.8	58.0	56.3	54.9	53.4	51.2
-17.5°	66.7	65.2	63.8	62.4	61.0	59.4	57.6	56.0	54.6	53.0	50.8
-18.75°	66.1	64.8	63.4	62.0	60.6	59.0	57.2	55.7	54.3	52.5	50.4
-20°	65.7	64.3	63.0	61.6	60.2	58.5	56.8	55.4	54.0	52.1	50.0
-21.25°	65.2	63.9	62.6	61.2	59.7	58.0	56.4	55.0	53.7	51.6	49.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	64.7	63.4	62.1	60.8	59.2	57.5	56.0	54.7	53.2	51.1	49.0
-23.75°	64.2	62.9	61.6	60.3	58.7	57.0	55.6	54.3	52.6	50.6	48.5
-25°	63.7	62.4	61.2	59.7	58.1	56.5	55.2	53.9	52.0	50.0	47.8
-26.25°	63.2	61.9	60.6	59.1	57.5	56.0	54.8	53.4	51.4	49.4	47.2
-27.5°	62.6	61.4	60.0	58.5	56.9	55.6	54.3	52.7	50.8	48.8	46.6
-28.75°	62.0	60.8	59.3	57.8	56.3	55.1	53.8	52.0	50.1	48.1	45.9
-30°	61.4	60.1	58.6	57.1	55.8	54.6	53.2	51.3	49.4	47.3	45.2
-31.25°	60.7	59.4	57.9	56.4	55.2	54.0	52.4	50.6	48.7	46.6	44.4
-32.5°	60.0	58.6	57.1	55.8	54.7	53.4	51.6	49.8	47.8	45.8	43.6
-33.75°	59.1	57.7	56.4	55.2	54.1	52.6	50.8	49.0	47.0	45.0	42.6
-35°	58.3	56.9	55.7	54.6	53.4	51.7	50.0	48.1	46.1	44.1	41.6
-36.25°	57.4	56.1	55.1	54.0	52.5	50.8	49.1	47.2	45.2	43.1	40.5
-37.5°	56.5	55.4	54.4	53.2	51.5	49.9	48.1	46.2	44.3	41.9	39.4
-38.75°	55.8	54.7	53.7	52.2	50.6	48.9	47.1	45.2	43.2	40.7	38.2
-40°	55.0	54.0	52.7	51.1	49.5	47.8	46.0	44.2	41.9	39.5	37.1
-41.25°	54.2	53.1	51.6	50.1	48.5	46.7	44.9	43.0	40.6	38.2	36.1
-42.5°	53.4	51.9	50.5	49.0	47.3	45.6	43.8	41.6	39.3	37.0	35.2
-43.75°	52.1	50.7	49.3	47.7	46.1	44.4	42.4	40.2	37.9	36.0	34.2
-45°	50.9	49.5	48.0	46.4	44.8	43.0	40.9	38.7	36.6	34.9	33.2
-46.25°	49.6	48.2	46.7	45.1	43.5	41.4	39.4	37.3	35.5	33.9	32.2
-47.5°	48.3	46.8	45.3	43.8	41.9	39.8	37.8	36.0	34.4	32.8	31.1
-48.75°	46.8	45.4	44.0	42.1	40.2	38.2	36.4	34.9	33.3	31.7	29.9
-50°	45.3	44.0	42.2	40.3	38.5	36.7	35.2	33.7	32.1	30.4	28.7
-51.25°	43.8	42.1	40.3	38.5	36.8	35.4	33.9	32.4	30.9	29.2	27.5
-52.5°	41.9	40.2	38.5	36.8	35.4	34.0	32.6	31.1	29.5	27.9	26.2
-53.75°	39.8	38.2	36.7	35.4	34.0	32.7	31.3	29.7	28.2	26.6	25.3
-55°	37.8	36.4	35.2	33.9	32.6	31.3	29.8	28.3	26.8	25.5	24.7
-56.25°	36.0	34.9	33.7	32.4	31.1	29.7	28.3	26.8	25.5	24.8	24.0
-57.5°	34.4	33.3	32.1	30.9	29.5	28.2	26.8	25.5	24.8	24.1	23.3
-58.75°	32.8	31.7	30.4	29.2	27.9	26.6	25.5	24.8	24.1	23.4	22.6
-60°	31.1	29.9	28.7	27.5	26.2	25.3	24.7	24.0	23.3	22.6	22.0
-61.25°	29.2	28.1	26.9	25.8	25.1	24.5	23.9	23.2	22.6	21.9	21.3
-62.5°	27.3	26.2	25.4	24.8	24.2	23.6	23.0	22.4	21.8	21.2	20.6
-63.75°	25.6	25.0	24.5	23.9	23.4	22.8	22.2	21.7	21.1	20.5	19.9
-65°	24.6	24.1	23.5	23.0	22.5	22.0	21.4	20.9	20.3	19.8	19.2
-66.25°	23.6	23.1	22.6	22.1	21.6	21.1	20.6	20.1	19.6	19.1	18.5
-67.5°	22.6	22.1	21.7	21.2	20.8	20.3	19.8	19.3	18.8	18.3	17.8
-68.75°	21.6	21.2	20.8	20.3	19.9	19.5	19.0	18.5	18.1	17.6	17.1
-70°	20.6	20.2	19.8	19.4	19.0	18.6	18.2	17.7	17.3	16.9	16.4
-71.25°	19.7	19.3	18.9	18.5	18.1	17.7	17.3	16.9	16.5	16.0	15.5
-72.5°	18.7	18.3	18.0	17.6	17.3	16.9	16.5	16.0	15.5	15.0	14.5
-73.75°	17.7	17.4	17.0	16.7	16.3	15.9	15.4	15.0	14.5	14.1	13.6
-75°	16.7	16.3	16.0	15.6	15.2	14.8	14.4	14.0	13.6	13.1	12.7
-76.25°	15.4	15.1	14.8	14.4	14.0	13.7	13.3	12.9	12.5	12.0	11.6
-77.5°	14.2	13.9	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.9	10.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	12.9	12.6	12.3	11.9	11.6	11.2	10.9	10.5	10.1	9.8	9.4
-80°	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3
-81.25°	9.9	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.2
-82.5°	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.3	6.0
-83.75°	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9
-85°	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8
-86.25°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.8
-87.5°	2.6	2.5	2.4	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9
-88.75°	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	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: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5
87.5°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.1
86.25°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6
85°	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
83.75°	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.7
82.5°	5.8	5.5	5.3	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.2
81.25°	6.9	6.6	6.2	5.9	5.6	5.3	5.0	4.7	4.3	4.0	3.7
80°	7.9	7.6	7.2	6.9	6.5	6.2	5.8	5.4	5.1	4.7	4.3
78.75°	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4	4.9
77.5°	10.1	9.6	9.2	8.7	8.3	7.9	7.4	6.9	6.5	6.0	5.6
76.25°	11.1	10.6	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2
75°	12.2	11.7	11.1	10.6	10.1	9.5	9.0	8.4	7.9	7.3	6.8
73.75°	13.2	12.7	12.1	11.5	10.9	10.4	9.8	9.2	8.6	8.0	7.4
72.5°	14.0	13.5	13.0	12.4	11.8	11.2	10.6	9.9	9.3	8.6	8.0
71.25°	14.9	14.4	13.8	13.3	12.7	12.0	11.3	10.7	10.0	9.3	8.6
70°	15.8	15.2	14.6	14.0	13.4	12.8	12.1	11.4	10.7	9.9	9.2
68.75°	16.6	16.0	15.4	14.8	14.2	13.5	12.9	12.1	11.3	10.6	9.8
67.5°	17.3	16.8	16.2	15.5	14.9	14.2	13.5	12.8	12.0	11.2	10.4
66.25°	18.0	17.5	16.9	16.3	15.6	14.9	14.2	13.4	12.7	11.8	10.9
65°	18.7	18.1	17.5	16.9	16.3	15.5	14.8	14.0	13.3	12.4	11.5
63.75°	19.3	18.7	18.1	17.5	16.9	16.2	15.4	14.6	13.8	13.0	12.1
62.5°	20.0	19.4	18.7	18.1	17.5	16.8	16.0	15.2	14.4	13.5	12.7
61.25°	20.7	20.0	19.3	18.7	18.0	17.3	16.6	15.8	14.9	14.0	13.2
60°	21.3	20.6	19.9	19.2	18.5	17.8	17.1	16.4	15.5	14.5	13.6
58.75°	21.9	21.2	20.5	19.8	19.1	18.3	17.6	16.9	16.0	15.0	14.1
57.5°	22.6	21.8	21.1	20.3	19.6	18.8	18.1	17.3	16.5	15.5	14.5
56.25°	23.2	22.4	21.7	20.9	20.1	19.3	18.5	17.7	16.9	16.0	15.0
55°	23.9	23.0	22.2	21.4	20.6	19.8	19.0	18.2	17.3	16.5	15.4
53.75°	24.5	23.6	22.8	22.0	21.1	20.3	19.5	18.6	17.7	16.9	15.9
52.5°	25.1	24.2	23.4	22.5	21.6	20.8	19.9	19.0	18.1	17.3	16.3
51.25°	25.8	24.8	23.9	23.0	22.1	21.2	20.3	19.4	18.5	17.6	16.7
50°	26.9	25.4	24.5	23.5	22.6	21.7	20.8	19.8	18.9	18.0	17.0
48.75°	28.1	26.2	25.0	24.1	23.1	22.1	21.2	20.2	19.3	18.3	17.4
47.5°	29.2	27.3	25.6	24.6	23.6	22.6	21.6	20.6	19.7	18.7	17.7
46.25°	30.3	28.4	26.4	25.1	24.1	23.0	22.0	21.0	20.0	19.0	18.0
45°	31.4	29.4	27.4	25.6	24.5	23.5	22.4	21.4	20.4	19.3	18.3
43.75°	32.4	30.5	28.4	26.4	25.0	23.9	22.8	21.8	20.7	19.7	18.6
42.5°	33.3	31.5	29.4	27.3	25.4	24.3	23.2	22.1	21.1	20.0	18.9
41.25°	34.2	32.4	30.3	28.2	26.0	24.7	23.6	22.5	21.4	20.3	19.2
40°	35.1	33.2	31.2	29.0	26.8	25.1	24.0	22.8	21.7	20.6	19.5
38.75°	36.0	34.0	32.1	29.9	27.6	25.5	24.4	23.2	22.0	20.9	19.7
37.5°	36.9	34.9	32.8	30.7	28.4	26.1	24.7	23.5	22.3	21.2	20.0
36.25°	37.9	35.6	33.6	31.5	29.2	26.8	25.1	23.9	22.6	21.4	20.3
35°	38.9	36.4	34.3	32.2	29.9	27.5	25.4	24.2	22.9	21.7	20.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
33.75°	39.9	37.2	35.0	32.9	30.7	28.2	25.8	24.5	23.2	22.0	20.7
32.5°	40.9	38.1	35.7	33.6	31.4	28.9	26.4	24.8	23.5	22.2	21.0
31.25°	41.8	39.0	36.4	34.2	32.0	29.5	27.0	25.1	23.8	22.5	21.2
30°	42.8	39.9	37.1	34.8	32.6	30.2	27.6	25.4	24.0	22.7	21.4
28.75°	43.6	40.8	37.9	35.4	33.1	30.7	28.2	25.6	24.3	23.0	21.6
27.5°	44.3	41.6	38.6	36.0	33.7	31.3	28.7	26.1	24.5	23.2	21.8
26.25°	45.0	42.3	39.4	36.5	34.2	31.9	29.2	26.6	24.8	23.4	22.0
25°	45.6	43.1	40.1	37.1	34.7	32.3	29.7	27.0	25.0	23.6	22.2
23.75°	46.1	43.8	40.8	37.7	35.2	32.8	30.2	27.5	25.2	23.8	22.4
22.5°	46.7	44.3	41.4	38.3	35.6	33.2	30.7	27.9	25.4	24.0	22.6
21.25°	47.2	44.8	42.0	38.9	36.0	33.6	31.1	28.3	25.6	24.2	22.7
20°	47.7	45.3	42.6	39.4	36.4	34.0	31.5	28.7	25.9	24.4	22.9
18.75°	48.2	45.7	43.1	40.0	36.8	34.3	31.9	29.1	26.2	24.5	23.1
17.5°	48.6	46.1	43.7	40.5	37.2	34.7	32.2	29.4	26.5	24.7	23.2
16.25°	49.0	46.5	44.1	40.9	37.7	35.0	32.5	29.7	26.8	24.8	23.3
15°	49.3	46.9	44.4	41.3	38.1	35.3	32.7	30.0	27.1	24.9	23.4
13.75°	49.6	47.2	44.7	41.7	38.4	35.6	33.0	30.3	27.4	25.1	23.6
12.5°	49.9	47.5	45.0	42.1	38.8	35.8	33.2	30.5	27.6	25.2	23.7
11.25°	50.2	47.8	45.3	42.4	39.1	36.0	33.4	30.7	27.8	25.3	23.8
10°	50.4	48.1	45.5	42.7	39.4	36.2	33.6	30.9	28.0	25.4	23.8
8.75°	50.6	48.3	45.7	43.0	39.6	36.4	33.8	31.1	28.2	25.4	23.9
7.5°	50.8	48.5	45.9	43.2	39.8	36.6	33.9	31.3	28.3	25.5	24.0
6.25°	51.0	48.6	46.1	43.4	40.0	36.7	34.1	31.4	28.4	25.6	24.0
5°	51.1	48.8	46.2	43.5	40.1	36.8	34.2	31.5	28.5	25.6	24.1
3.75°	51.2	48.9	46.3	43.6	40.3	36.9	34.2	31.6	28.6	25.7	24.1
2.5°	51.2	48.9	46.3	43.7	40.3	37.0	34.3	31.7	28.7	25.7	24.1
1.25°	51.3	49.0	46.4	43.8	40.4	37.0	34.3	31.7	28.7	25.7	24.1
0°	51.3	49.0	46.4	43.8	40.4	37.0	34.4	31.7	28.7	25.7	24.2
-1.25°	51.3	49.0	46.4	43.8	40.4	37.0	34.3	31.7	28.7	25.7	24.1
-2.5°	51.2	48.9	46.3	43.7	40.3	37.0	34.3	31.7	28.7	25.7	24.1
-3.75°	51.2	48.9	46.3	43.6	40.3	36.9	34.2	31.6	28.6	25.7	24.1
-5°	51.1	48.8	46.2	43.5	40.1	36.8	34.2	31.5	28.5	25.6	24.1
-6.25°	51.0	48.6	46.1	43.4	40.0	36.7	34.1	31.4	28.4	25.6	24.0
-7.5°	50.8	48.5	45.9	43.2	39.8	36.6	33.9	31.3	28.3	25.5	24.0
-8.75°	50.6	48.3	45.7	43.0	39.6	36.4	33.8	31.1	28.2	25.4	23.9
-10°	50.4	48.1	45.5	42.7	39.4	36.2	33.6	30.9	28.0	25.4	23.8
-11.25°	50.2	47.8	45.3	42.4	39.1	36.0	33.4	30.7	27.8	25.3	23.8
-12.5°	49.9	47.5	45.0	42.1	38.8	35.8	33.2	30.5	27.6	25.2	23.7
-13.75°	49.6	47.2	44.7	41.7	38.4	35.6	33.0	30.3	27.4	25.1	23.6
-15°	49.3	46.9	44.4	41.3	38.1	35.3	32.7	30.0	27.1	24.9	23.4
-16.25°	49.0	46.5	44.1	40.9	37.7	35.0	32.5	29.7	26.8	24.8	23.3
-17.5°	48.6	46.1	43.7	40.5	37.2	34.7	32.2	29.4	26.5	24.7	23.2
-18.75°	48.2	45.7	43.1	40.0	36.8	34.3	31.9	29.1	26.2	24.5	23.1
-20°	47.7	45.3	42.6	39.4	36.4	34.0	31.5	28.7	25.9	24.4	22.9
-21.25°	47.2	44.8	42.0	38.9	36.0	33.6	31.1	28.3	25.6	24.2	22.7



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
-22.5°	46.7	44.3	41.4	38.3	35.6	33.2	30.7	27.9	25.4	24.0	22.6
-23.75°	46.1	43.8	40.8	37.7	35.2	32.8	30.2	27.5	25.2	23.8	22.4
-25°	45.6	43.1	40.1	37.1	34.7	32.3	29.7	27.0	25.0	23.6	22.2
-26.25°	45.0	42.3	39.4	36.5	34.2	31.9	29.2	26.6	24.8	23.4	22.0
-27.5°	44.3	41.6	38.6	36.0	33.7	31.3	28.7	26.1	24.5	23.2	21.8
-28.75°	43.6	40.8	37.9	35.4	33.1	30.7	28.2	25.6	24.3	23.0	21.6
-30°	42.8	39.9	37.1	34.8	32.6	30.2	27.6	25.4	24.0	22.7	21.4
-31.25°	41.8	39.0	36.4	34.2	32.0	29.5	27.0	25.1	23.8	22.5	21.2
-32.5°	40.9	38.1	35.7	33.6	31.4	28.9	26.4	24.8	23.5	22.2	21.0
-33.75°	39.9	37.2	35.0	32.9	30.7	28.2	25.8	24.5	23.2	22.0	20.7
-35°	38.9	36.4	34.3	32.2	29.9	27.5	25.4	24.2	22.9	21.7	20.5
-36.25°	37.9	35.6	33.6	31.5	29.2	26.8	25.1	23.9	22.6	21.4	20.3
-37.5°	36.9	34.9	32.8	30.7	28.4	26.1	24.7	23.5	22.3	21.2	20.0
-38.75°	36.0	34.0	32.1	29.9	27.6	25.5	24.4	23.2	22.0	20.9	19.7
-40°	35.1	33.2	31.2	29.0	26.8	25.1	24.0	22.8	21.7	20.6	19.5
-41.25°	34.2	32.4	30.3	28.2	26.0	24.7	23.6	22.5	21.4	20.3	19.2
-42.5°	33.3	31.5	29.4	27.3	25.4	24.3	23.2	22.1	21.1	20.0	18.9
-43.75°	32.4	30.5	28.4	26.4	25.0	23.9	22.8	21.8	20.7	19.7	18.6
-45°	31.4	29.4	27.4	25.6	24.5	23.5	22.4	21.4	20.4	19.3	18.3
-46.25°	30.3	28.4	26.4	25.1	24.1	23.0	22.0	21.0	20.0	19.0	18.0
-47.5°	29.2	27.3	25.6	24.6	23.6	22.6	21.6	20.6	19.7	18.7	17.7
-48.75°	28.1	26.2	25.0	24.1	23.1	22.1	21.2	20.2	19.3	18.3	17.4
-50°	26.9	25.4	24.5	23.5	22.6	21.7	20.8	19.8	18.9	18.0	17.0
-51.25°	25.8	24.8	23.9	23.0	22.1	21.2	20.3	19.4	18.5	17.6	16.7
-52.5°	25.1	24.2	23.4	22.5	21.6	20.8	19.9	19.0	18.1	17.3	16.3
-53.75°	24.5	23.6	22.8	22.0	21.1	20.3	19.5	18.6	17.7	16.9	15.9
-55°	23.9	23.0	22.2	21.4	20.6	19.8	19.0	18.2	17.3	16.5	15.4
-56.25°	23.2	22.4	21.7	20.9	20.1	19.3	18.5	17.7	16.9	16.0	15.0
-57.5°	22.6	21.8	21.1	20.3	19.6	18.8	18.1	17.3	16.5	15.5	14.5
-58.75°	21.9	21.2	20.5	19.8	19.1	18.3	17.6	16.9	16.0	15.0	14.1
-60°	21.3	20.6	19.9	19.2	18.5	17.8	17.1	16.4	15.5	14.5	13.6
-61.25°	20.7	20.0	19.3	18.7	18.0	17.3	16.6	15.8	14.9	14.0	13.2
-62.5°	20.0	19.4	18.7	18.1	17.5	16.8	16.0	15.2	14.4	13.5	12.7
-63.75°	19.3	18.7	18.1	17.5	16.9	16.2	15.4	14.6	13.8	13.0	12.1
-65°	18.7	18.1	17.5	16.9	16.3	15.5	14.8	14.0	13.3	12.4	11.5
-66.25°	18.0	17.5	16.9	16.3	15.6	14.9	14.2	13.4	12.7	11.8	10.9
-67.5°	17.3	16.8	16.2	15.5	14.9	14.2	13.5	12.8	12.0	11.2	10.4
-68.75°	16.6	16.0	15.4	14.8	14.2	13.5	12.9	12.1	11.3	10.6	9.8
-70°	15.8	15.2	14.6	14.0	13.4	12.8	12.1	11.4	10.7	9.9	9.2
-71.25°	14.9	14.4	13.8	13.3	12.7	12.0	11.3	10.7	10.0	9.3	8.6
-72.5°	14.0	13.5	13.0	12.4	11.8	11.2	10.6	9.9	9.3	8.6	8.0
-73.75°	13.2	12.7	12.1	11.5	10.9	10.4	9.8	9.2	8.6	8.0	7.4
-75°	12.2	11.7	11.1	10.6	10.1	9.5	9.0	8.4	7.9	7.3	6.8
-76.25°	11.1	10.6	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2
-77.5°	10.1	9.6	9.2	8.7	8.3	7.9	7.4	6.9	6.5	6.0	5.6



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
-78.75°	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4	4.9
-80°	7.9	7.6	7.2	6.9	6.5	6.2	5.8	5.4	5.1	4.7	4.3
-81.25°	6.9	6.6	6.2	5.9	5.6	5.3	5.0	4.7	4.3	4.0	3.7
-82.5°	5.8	5.5	5.3	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.2
-83.75°	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.9	2.7
-85°	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1
-86.25°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.6
-87.5°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.1
-88.75°	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
87.5°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.2
86.25°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
85°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
83.75°	2.5	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
82.5°	2.9	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
81.25°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
80°	3.9	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
78.75°	4.5	4.1	3.7	3.3	3.0	2.6	2.2	1.8	1.5	1.1	0.7
77.5°	5.1	4.6	4.1	3.7	3.3	2.9	2.5	2.1	1.6	1.2	0.8
76.25°	5.6	5.1	4.6	4.1	3.6	3.1	2.7	2.3	1.8	1.4	0.9
75°	6.2	5.6	5.1	4.5	3.9	3.4	2.9	2.5	2.0	1.5	1.0
73.75°	6.8	6.2	5.6	4.9	4.3	3.7	3.2	2.7	2.1	1.6	1.1
72.5°	7.3	6.7	6.0	5.4	4.7	4.0	3.4	2.9	2.3	1.7	1.1
71.25°	7.9	7.2	6.5	5.8	5.1	4.3	3.7	3.0	2.4	1.8	1.2
70°	8.4	7.7	6.9	6.2	5.4	4.7	3.9	3.2	2.6	1.9	1.3
68.75°	9.0	8.2	7.4	6.6	5.8	5.0	4.2	3.4	2.8	2.1	1.4
67.5°	9.5	8.7	7.9	7.0	6.2	5.3	4.5	3.6	2.9	2.2	1.5
66.25°	10.1	9.2	8.3	7.4	6.5	5.6	4.7	3.8	3.1	2.3	1.5
65°	10.6	9.7	8.7	7.8	6.9	5.9	5.0	4.0	3.2	2.4	1.6
63.75°	11.1	10.2	9.2	8.2	7.2	6.2	5.3	4.3	3.4	2.5	1.7
62.5°	11.7	10.6	9.6	8.6	7.6	6.6	5.5	4.5	3.5	2.6	1.8
61.25°	12.2	11.1	10.1	9.0	7.9	6.9	5.8	4.7	3.7	2.7	1.8
60°	12.7	11.6	10.5	9.4	8.3	7.2	6.0	4.9	3.8	2.8	1.9
58.75°	13.1	12.0	10.9	9.8	8.6	7.4	6.3	5.1	4.0	3.0	2.0
57.5°	13.6	12.5	11.3	10.1	8.9	7.7	6.5	5.3	4.1	3.1	2.0
56.25°	14.0	12.9	11.7	10.5	9.3	8.0	6.8	5.5	4.3	3.2	2.1
55°	14.4	13.3	12.1	10.9	9.6	8.3	7.0	5.7	4.5	3.3	2.2
53.75°	14.8	13.7	12.5	11.2	9.9	8.6	7.3	5.9	4.6	3.4	2.2
52.5°	15.2	14.0	12.9	11.6	10.2	8.9	7.5	6.1	4.8	3.5	2.3
51.25°	15.6	14.4	13.2	11.9	10.5	9.1	7.7	6.3	4.9	3.6	2.4
50°	16.0	14.8	13.6	12.3	10.8	9.4	8.0	6.5	5.1	3.7	2.4
48.75°	16.3	15.1	13.9	12.6	11.1	9.7	8.2	6.7	5.2	3.8	2.5
47.5°	16.7	15.4	14.2	12.9	11.4	9.9	8.4	6.9	5.4	3.9	2.6
46.25°	17.0	15.8	14.5	13.2	11.7	10.2	8.6	7.1	5.5	4.0	2.6
45°	17.3	16.1	14.8	13.5	12.0	10.4	8.8	7.2	5.7	4.1	2.7
43.75°	17.5	16.4	15.1	13.7	12.3	10.7	9.0	7.4	5.8	4.2	2.7
42.5°	17.8	16.7	15.4	14.0	12.5	10.9	9.2	7.6	5.9	4.3	2.8
41.25°	18.1	17.0	15.6	14.2	12.8	11.1	9.4	7.8	6.1	4.4	2.9
40°	18.3	17.2	15.9	14.5	13.0	11.3	9.6	7.9	6.2	4.5	2.9
38.75°	18.6	17.4	16.2	14.7	13.2	11.6	9.8	8.1	6.3	4.6	3.0
37.5°	18.8	17.6	16.4	14.9	13.4	11.8	10.0	8.2	6.4	4.7	3.0
36.25°	19.1	17.9	16.7	15.2	13.6	12.0	10.2	8.4	6.6	4.7	3.1
35°	19.3	18.1	16.9	15.4	13.8	12.2	10.3	8.5	6.7	4.8	3.1



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°	19.5	18.3	17.0	15.6	14.0	12.4	10.5	8.6	6.8	4.9	3.2
32.5°	19.7	18.5	17.2	15.8	14.2	12.6	10.7	8.8	6.9	5.0	3.2
31.25°	19.9	18.7	17.4	16.0	14.4	12.8	10.8	8.9	7.0	5.1	3.2
30°	20.1	18.9	17.6	16.2	14.5	12.9	11.0	9.0	7.1	5.1	3.3
28.75°	20.3	19.0	17.7	16.4	14.7	13.0	11.1	9.2	7.2	5.2	3.3
27.5°	20.5	19.2	17.9	16.5	14.9	13.2	11.3	9.3	7.3	5.3	3.4
26.25°	20.7	19.4	18.0	16.7	15.0	13.3	11.4	9.4	7.4	5.4	3.4
25°	20.9	19.5	18.2	16.8	15.2	13.4	11.5	9.5	7.5	5.4	3.4
23.75°	21.0	19.7	18.3	16.9	15.3	13.6	11.7	9.6	7.5	5.5	3.5
22.5°	21.2	19.8	18.4	17.1	15.4	13.7	11.8	9.7	7.6	5.5	3.5
21.25°	21.4	20.0	18.6	17.2	15.6	13.8	11.9	9.8	7.7	5.6	3.5
20°	21.5	20.1	18.7	17.3	15.7	13.9	12.0	9.9	7.8	5.6	3.6
18.75°	21.6	20.2	18.8	17.4	15.8	14.0	12.1	10.0	7.8	5.7	3.6
17.5°	21.7	20.3	18.9	17.5	15.9	14.1	12.2	10.0	7.9	5.7	3.6
16.25°	21.9	20.4	19.0	17.6	16.0	14.2	12.3	10.1	7.9	5.8	3.6
15°	22.0	20.5	19.1	17.6	16.1	14.2	12.3	10.2	8.0	5.8	3.7
13.75°	22.1	20.6	19.2	17.7	16.2	14.3	12.4	10.2	8.0	5.9	3.7
12.5°	22.2	20.7	19.2	17.8	16.2	14.4	12.5	10.3	8.1	5.9	3.7
11.25°	22.2	20.8	19.3	17.8	16.3	14.4	12.5	10.3	8.1	5.9	3.7
10°	22.3	20.8	19.4	17.9	16.4	14.5	12.6	10.4	8.2	5.9	3.7
8.75°	22.4	20.9	19.4	17.9	16.4	14.5	12.6	10.4	8.2	6.0	3.8
7.5°	22.4	21.0	19.5	18.0	16.5	14.6	12.7	10.5	8.2	6.0	3.8
6.25°	22.5	21.0	19.5	18.0	16.5	14.6	12.7	10.5	8.2	6.0	3.8
5°	22.5	21.0	19.5	18.0	16.5	14.6	12.7	10.5	8.3	6.0	3.8
3.75°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.5	8.3	6.0	3.8
2.5°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.5	8.3	6.0	3.8
1.25°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.5	8.3	6.0	3.8
0°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.6	8.3	6.1	3.8
-1.25°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.5	8.3	6.0	3.8
-2.5°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.5	8.3	6.0	3.8
-3.75°	22.6	21.1	19.6	18.1	16.6	14.7	12.8	10.5	8.3	6.0	3.8
-5°	22.5	21.0	19.5	18.0	16.5	14.6	12.7	10.5	8.3	6.0	3.8
-6.25°	22.5	21.0	19.5	18.0	16.5	14.6	12.7	10.5	8.2	6.0	3.8
-7.5°	22.4	21.0	19.5	18.0	16.5	14.6	12.7	10.5	8.2	6.0	3.8
-8.75°	22.4	20.9	19.4	17.9	16.4	14.5	12.6	10.4	8.2	6.0	3.8
-10°	22.3	20.8	19.4	17.9	16.4	14.5	12.6	10.4	8.2	5.9	3.7
-11.25°	22.2	20.8	19.3	17.8	16.3	14.4	12.5	10.3	8.1	5.9	3.7
-12.5°	22.2	20.7	19.2	17.8	16.2	14.4	12.5	10.3	8.1	5.9	3.7
-13.75°	22.1	20.6	19.2	17.7	16.2	14.3	12.4	10.2	8.0	5.9	3.7
-15°	22.0	20.5	19.1	17.6	16.1	14.2	12.3	10.2	8.0	5.8	3.7
-16.25°	21.9	20.4	19.0	17.6	16.0	14.2	12.3	10.1	7.9	5.8	3.6
-17.5°	21.7	20.3	18.9	17.5	15.9	14.1	12.2	10.0	7.9	5.7	3.6
-18.75°	21.6	20.2	18.8	17.4	15.8	14.0	12.1	10.0	7.8	5.7	3.6
-20°	21.5	20.1	18.7	17.3	15.7	13.9	12.0	9.9	7.8	5.6	3.6
-21.25°	21.4	20.0	18.6	17.2	15.6	13.8	11.9	9.8	7.7	5.6	3.5



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
-22.5°	21.2	19.8	18.4	17.1	15.4	13.7	11.8	9.7	7.6	5.5	3.5
-23.75°	21.0	19.7	18.3	16.9	15.3	13.6	11.7	9.6	7.5	5.5	3.5
-25°	20.9	19.5	18.2	16.8	15.2	13.4	11.5	9.5	7.5	5.4	3.4
-26.25°	20.7	19.4	18.0	16.7	15.0	13.3	11.4	9.4	7.4	5.4	3.4
-27.5°	20.5	19.2	17.9	16.5	14.9	13.2	11.3	9.3	7.3	5.3	3.4
-28.75°	20.3	19.0	17.7	16.4	14.7	13.0	11.1	9.2	7.2	5.2	3.3
-30°	20.1	18.9	17.6	16.2	14.5	12.9	11.0	9.0	7.1	5.1	3.3
-31.25°	19.9	18.7	17.4	16.0	14.4	12.8	10.8	8.9	7.0	5.1	3.2
-32.5°	19.7	18.5	17.2	15.8	14.2	12.6	10.7	8.8	6.9	5.0	3.2
-33.75°	19.5	18.3	17.0	15.6	14.0	12.4	10.5	8.6	6.8	4.9	3.2
-35°	19.3	18.1	16.9	15.4	13.8	12.2	10.3	8.5	6.7	4.8	3.1
-36.25°	19.1	17.9	16.7	15.2	13.6	12.0	10.2	8.4	6.6	4.7	3.1
-37.5°	18.8	17.6	16.4	14.9	13.4	11.8	10.0	8.2	6.4	4.7	3.0
-38.75°	18.6	17.4	16.2	14.7	13.2	11.6	9.8	8.1	6.3	4.6	3.0
-40°	18.3	17.2	15.9	14.5	13.0	11.3	9.6	7.9	6.2	4.5	2.9
-41.25°	18.1	17.0	15.6	14.2	12.8	11.1	9.4	7.8	6.1	4.4	2.9
-42.5°	17.8	16.7	15.4	14.0	12.5	10.9	9.2	7.6	5.9	4.3	2.8
-43.75°	17.5	16.4	15.1	13.7	12.3	10.7	9.0	7.4	5.8	4.2	2.7
-45°	17.3	16.1	14.8	13.5	12.0	10.4	8.8	7.2	5.7	4.1	2.7
-46.25°	17.0	15.8	14.5	13.2	11.7	10.2	8.6	7.1	5.5	4.0	2.6
-47.5°	16.7	15.4	14.2	12.9	11.4	9.9	8.4	6.9	5.4	3.9	2.6
-48.75°	16.3	15.1	13.9	12.6	11.1	9.7	8.2	6.7	5.2	3.8	2.5
-50°	16.0	14.8	13.6	12.3	10.8	9.4	8.0	6.5	5.1	3.7	2.4
-51.25°	15.6	14.4	13.2	11.9	10.5	9.1	7.7	6.3	4.9	3.6	2.4
-52.5°	15.2	14.0	12.9	11.6	10.2	8.9	7.5	6.1	4.8	3.5	2.3
-53.75°	14.8	13.7	12.5	11.2	9.9	8.6	7.3	5.9	4.6	3.4	2.2
-55°	14.4	13.3	12.1	10.9	9.6	8.3	7.0	5.7	4.5	3.3	2.2
-56.25°	14.0	12.9	11.7	10.5	9.3	8.0	6.8	5.5	4.3	3.2	2.1
-57.5°	13.6	12.5	11.3	10.1	8.9	7.7	6.5	5.3	4.1	3.1	2.0
-58.75°	13.1	12.0	10.9	9.8	8.6	7.4	6.3	5.1	4.0	3.0	2.0
-60°	12.7	11.6	10.5	9.4	8.3	7.2	6.0	4.9	3.8	2.8	1.9
-61.25°	12.2	11.1	10.1	9.0	7.9	6.9	5.8	4.7	3.7	2.7	1.8
-62.5°	11.7	10.6	9.6	8.6	7.6	6.6	5.5	4.5	3.5	2.6	1.8
-63.75°	11.1	10.2	9.2	8.2	7.2	6.2	5.3	4.3	3.4	2.5	1.7
-65°	10.6	9.7	8.7	7.8	6.9	5.9	5.0	4.0	3.2	2.4	1.6
-66.25°	10.1	9.2	8.3	7.4	6.5	5.6	4.7	3.8	3.1	2.3	1.5
-67.5°	9.5	8.7	7.9	7.0	6.2	5.3	4.5	3.6	2.9	2.2	1.5
-68.75°	9.0	8.2	7.4	6.6	5.8	5.0	4.2	3.4	2.8	2.1	1.4
-70°	8.4	7.7	6.9	6.2	5.4	4.7	3.9	3.2	2.6	1.9	1.3
-71.25°	7.9	7.2	6.5	5.8	5.1	4.3	3.7	3.0	2.4	1.8	1.2
-72.5°	7.3	6.7	6.0	5.4	4.7	4.0	3.4	2.9	2.3	1.7	1.1
-73.75°	6.8	6.2	5.6	4.9	4.3	3.7	3.2	2.7	2.1	1.6	1.1
-75°	6.2	5.6	5.1	4.5	3.9	3.4	2.9	2.5	2.0	1.5	1.0
-76.25°	5.6	5.1	4.6	4.1	3.6	3.1	2.7	2.3	1.8	1.4	0.9
-77.5°	5.1	4.6	4.1	3.7	3.3	2.9	2.5	2.1	1.6	1.2	0.8



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-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°
-78.75°	4.5	4.1	3.7	3.3	3.0	2.6	2.2	1.8	1.5	1.1	0.7
-80°	3.9	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
-81.25°	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
-82.5°	2.9	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
-83.75°	2.5	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-85°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
-86.25°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
-87.5°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.2
-88.75°	0.5	0.5	0.4	0.4	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



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-WT-L2-UNV

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°	0.4	0.0
77.5°	0.4	0.0
76.25°	0.5	0.0
75°	0.5	0.0
73.75°	0.5	0.0
72.5°	0.6	0.0
71.25°	0.6	0.0
70°	0.6	0.0
68.75°	0.7	0.0
67.5°	0.7	0.0
66.25°	0.8	0.0
65°	0.8	0.0
63.75°	0.8	0.0
62.5°	0.9	0.0
61.25°	0.9	0.0
60°	0.9	0.0
58.75°	1.0	0.0
57.5°	1.0	0.0
56.25°	1.1	0.0
55°	1.1	0.0
53.75°	1.1	0.0
52.5°	1.2	0.0
51.25°	1.2	0.0
50°	1.2	0.0
48.75°	1.3	0.0
47.5°	1.3	0.0
46.25°	1.3	0.0
45°	1.3	0.0
43.75°	1.4	0.0
42.5°	1.4	0.0
41.25°	1.4	0.0
40°	1.5	0.0
38.75°	1.5	0.0
37.5°	1.5	0.0
36.25°	1.5	0.0
35°	1.6	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.6	0.0
32.5°	1.6	0.0
31.25°	1.6	0.0
30°	1.6	0.0
28.75°	1.7	0.0
27.5°	1.7	0.0
26.25°	1.7	0.0
25°	1.7	0.0
23.75°	1.7	0.0
22.5°	1.8	0.0
21.25°	1.8	0.0
20°	1.8	0.0
18.75°	1.8	0.0
17.5°	1.8	0.0
16.25°	1.8	0.0
15°	1.8	0.0
13.75°	1.8	0.0
12.5°	1.9	0.0
11.25°	1.9	0.0
10°	1.9	0.0
8.75°	1.9	0.0
7.5°	1.9	0.0
6.25°	1.9	0.0
5°	1.9	0.0
3.75°	1.9	0.0
2.5°	1.9	0.0
1.25°	1.9	0.0
0°	1.9	0.0
-1.25°	1.9	0.0
-2.5°	1.9	0.0
-3.75°	1.9	0.0
-5°	1.9	0.0
-6.25°	1.9	0.0
-7.5°	1.9	0.0
-8.75°	1.9	0.0
-10°	1.9	0.0
-11.25°	1.9	0.0
-12.5°	1.9	0.0
-13.75°	1.8	0.0
-15°	1.8	0.0
-16.25°	1.8	0.0
-17.5°	1.8	0.0
-18.75°	1.8	0.0
-20°	1.8	0.0
-21.25°	1.8	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.8	0.0
-23.75°	1.7	0.0
-25°	1.7	0.0
-26.25°	1.7	0.0
-27.5°	1.7	0.0
-28.75°	1.7	0.0
-30°	1.6	0.0
-31.25°	1.6	0.0
-32.5°	1.6	0.0
-33.75°	1.6	0.0
-35°	1.6	0.0
-36.25°	1.5	0.0
-37.5°	1.5	0.0
-38.75°	1.5	0.0
-40°	1.5	0.0
-41.25°	1.4	0.0
-42.5°	1.4	0.0
-43.75°	1.4	0.0
-45°	1.3	0.0
-46.25°	1.3	0.0
-47.5°	1.3	0.0
-48.75°	1.3	0.0
-50°	1.2	0.0
-51.25°	1.2	0.0
-52.5°	1.2	0.0
-53.75°	1.1	0.0
-55°	1.1	0.0
-56.25°	1.1	0.0
-57.5°	1.0	0.0
-58.75°	1.0	0.0
-60°	0.9	0.0
-61.25°	0.9	0.0
-62.5°	0.9	0.0
-63.75°	0.8	0.0
-65°	0.8	0.0
-66.25°	0.8	0.0
-67.5°	0.7	0.0
-68.75°	0.7	0.0
-70°	0.6	0.0
-71.25°	0.6	0.0
-72.5°	0.6	0.0
-73.75°	0.5	0.0
-75°	0.5	0.0
-76.25°	0.5	0.0
-77.5°	0.4	0.0



REPORT NUMBER: P220493 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-W-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.4	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)