

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: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

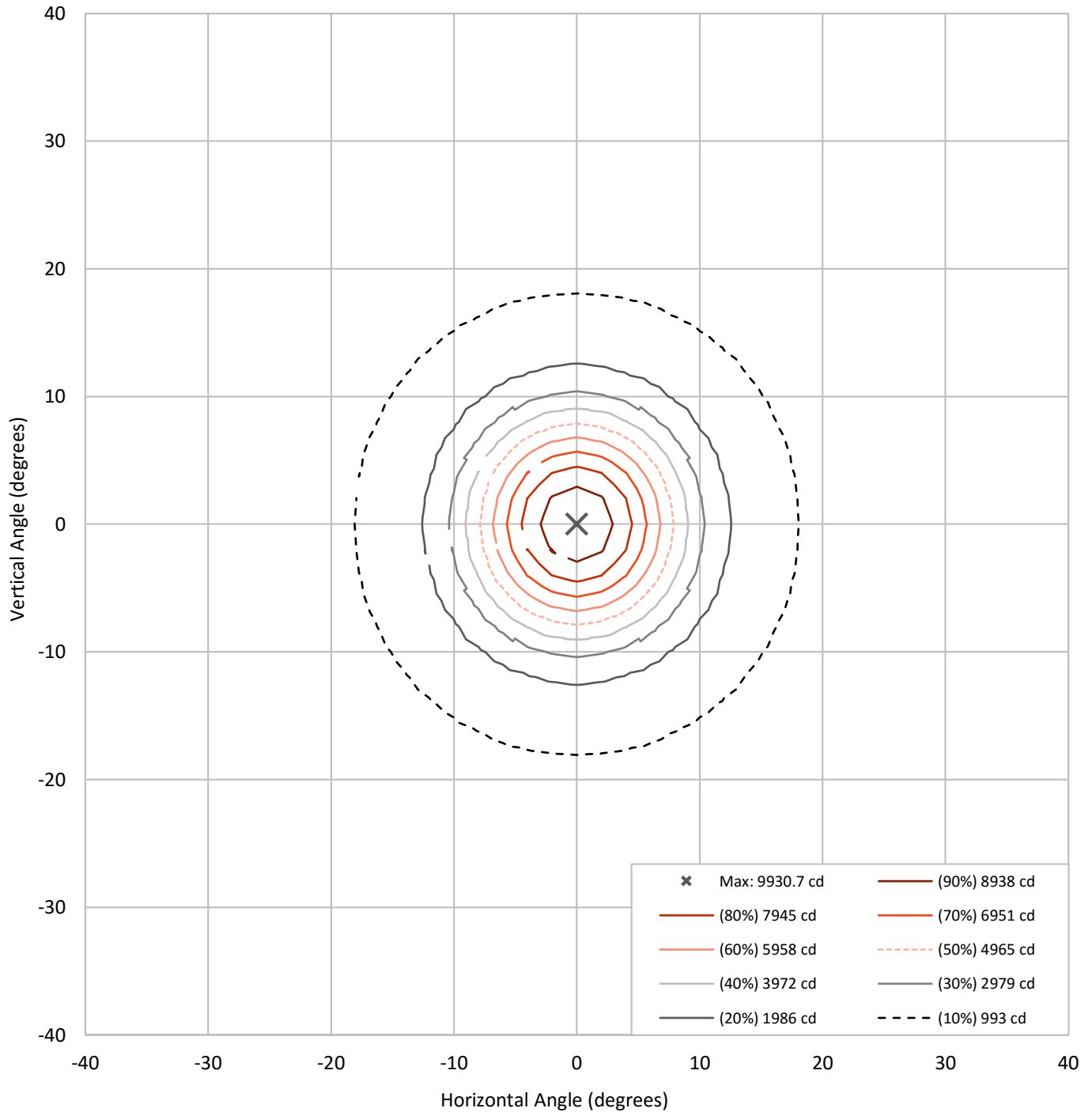
Test Method: LM-79-08
Report Number: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT
OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1354.4 lumens	Max Intensity:	9930.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	67.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.8°H x 15.8°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	413.3 lumens	Field Lumens:	911.9 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
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		

REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

Iso-Candela Plot





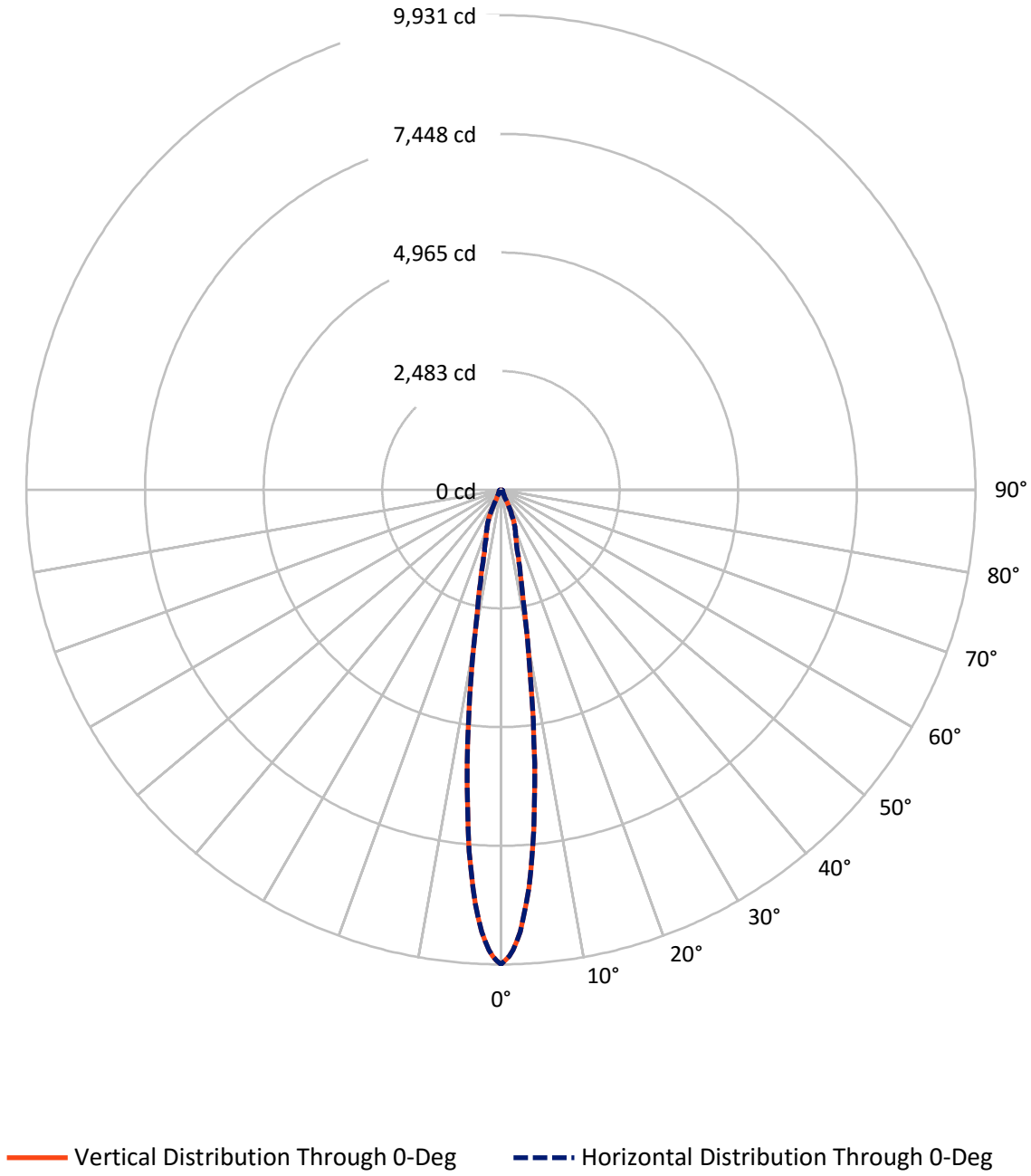
REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

Lumen Table

90	0.1	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.1									
80	0.1	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.1									
70	0.2	0.2	0.3	0.4	0.6	0.8	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.3	0.2	0.2		
60		0.2	0.4	0.7	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.7	0.4	0.2			
50	0.2	0.3	0.6	1.0	1.2	1.4	1.6	1.6	1.6	1.6	1.4	1.2	1.0	0.6	0.3	0.2		
40		0.3	0.7	1.1	1.3	1.6	1.8	2.1	2.1	1.8	1.6	1.3	1.1	0.7	0.3			
30	0.3	0.4	0.8	1.1	1.4	1.9	5.0	11.5	11.5	5.0	1.9	1.4	1.1	0.8	0.4	0.3		
20		0.4	0.8	1.1	1.6	4.8	22.1	40.9	40.9	22.1	4.8	1.6	1.1	0.8	0.4			
10	0.3	0.4	0.9	1.2	1.7	10.6	39.8	158.9	158.9	39.8	10.6	1.7	1.2	0.9	0.4	0.3		
0		0.4	0.9	1.2	1.7	10.6	39.8	158.9	158.9	39.8	10.6	1.7	1.2	0.9	0.4			
-10	0.3	0.4	0.8	1.1	1.6	4.8	22.1	40.9	40.9	22.1	4.8	1.6	1.1	0.8	0.4	0.3		
-20		0.4	0.8	1.1	1.4	1.9	5.0	11.5	11.5	5.0	1.9	1.4	1.1	0.8	0.4			
-30	0.2	0.3	0.7	1.1	1.3	1.6	1.8	2.1	2.1	1.8	1.6	1.3	1.1	0.7	0.3	0.2		
-40		0.3	0.6	1.0	1.2	1.4	1.6	1.6	1.6	1.6	1.4	1.2	1.0	0.6	0.3			
-50	0.2	0.2	0.4	0.7	1.0	1.3	1.4	1.5	1.5	1.4	1.3	1.0	0.7	0.4	0.2	0.2		
-60		0.2	0.3	0.4	0.6	0.8	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.3	0.2			
-70	0.1	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.1							0.1		
-80		0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.1									
-90	0.1	0.4	0.8	1.2	1.4	1.2	0.8	0.4	0.1									

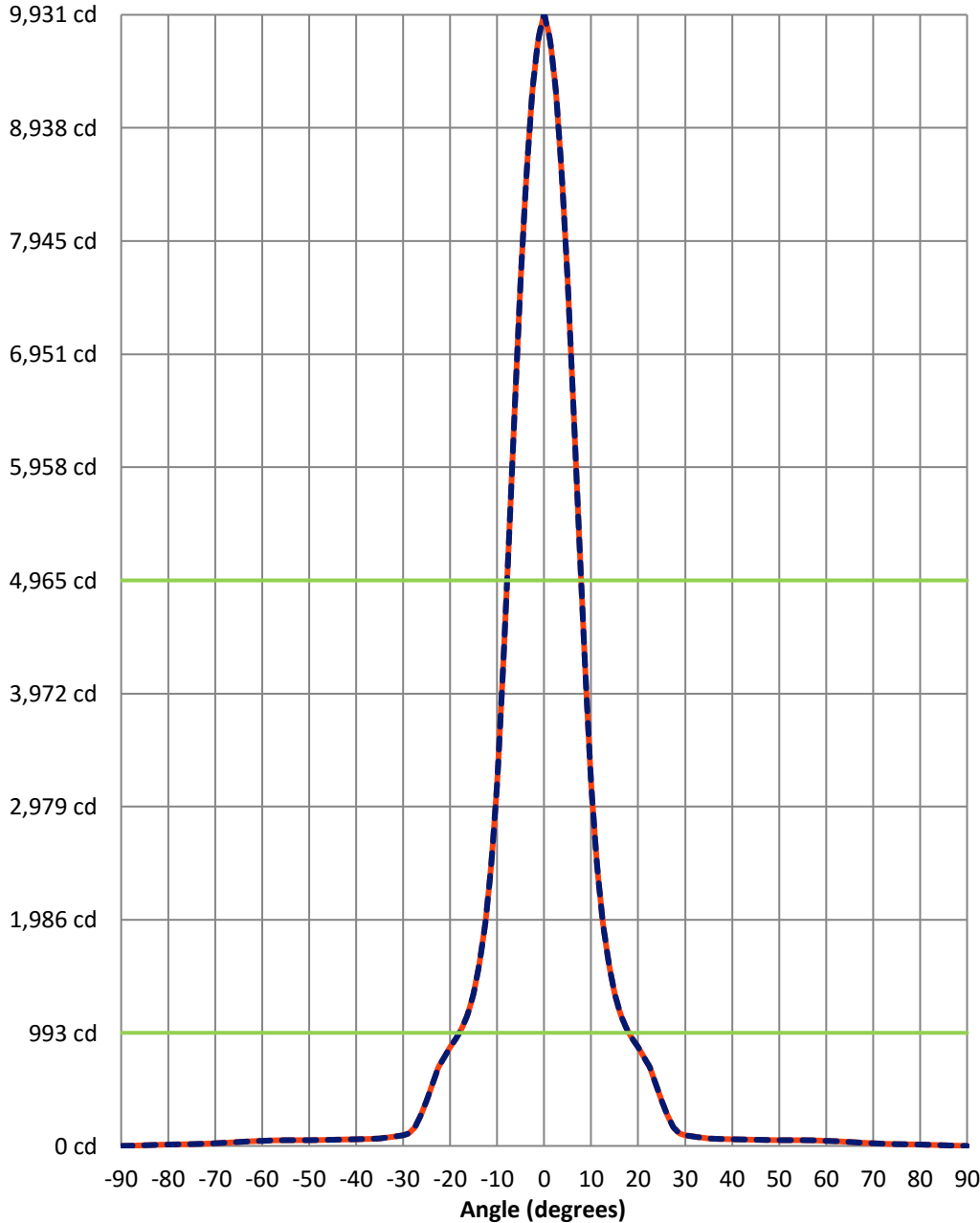
REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 15.8°
 V Angle: 15.8°
 Lumens: 413.3
 Efficiency: 30.5%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 911.9
 Efficiency: 67.3%

Spill:
 Lumens: 442.5
 Efficiency: 32.7%

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

REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

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	0.1	0.1	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5
86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
83.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
82.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
81.25°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
78.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
77.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.6
76.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	3.0
75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.9	3.4
73.75°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.7	3.2	3.7
72.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.5	3.0	3.6	4.1
71.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.3	3.9	4.5
70°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.0	3.6	4.3	4.9
68.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.6	3.3	3.9	4.6	5.3
67.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.8	3.5	4.2	4.9	5.6
66.25°	0.0	0.5	0.9	1.4	1.9	2.3	3.1	3.8	4.5	5.3	6.0
65°	0.0	0.5	1.0	1.5	1.9	2.5	3.3	4.1	4.8	5.6	6.3
63.75°	0.0	0.5	1.0	1.5	2.0	2.7	3.5	4.3	5.1	5.9	6.6
62.5°	0.0	0.5	1.1	1.6	2.1	2.9	3.7	4.6	5.4	6.2	6.9
61.25°	0.0	0.6	1.1	1.7	2.2	3.0	3.9	4.8	5.7	6.5	7.2
60°	0.0	0.6	1.1	1.7	2.3	3.2	4.1	5.1	6.0	6.7	7.5
58.75°	0.0	0.6	1.2	1.8	2.4	3.4	4.3	5.3	6.2	7.0	7.8
57.5°	0.0	0.6	1.2	1.9	2.6	3.6	4.6	5.5	6.4	7.3	8.1
56.25°	0.0	0.6	1.3	1.9	2.7	3.7	4.8	5.8	6.7	7.5	8.4
55°	0.0	0.7	1.3	2.0	2.8	3.9	5.0	6.0	6.9	7.8	8.6
53.75°	0.0	0.7	1.4	2.0	3.0	4.1	5.2	6.2	7.1	8.0	8.9
52.5°	0.0	0.7	1.4	2.1	3.1	4.2	5.3	6.4	7.3	8.3	9.2
51.25°	0.0	0.7	1.4	2.2	3.2	4.4	5.5	6.6	7.5	8.5	9.4
50°	0.0	0.7	1.5	2.2	3.4	4.5	5.7	6.8	7.7	8.7	9.7
48.75°	0.0	0.8	1.5	2.3	3.5	4.7	5.9	6.9	8.0	9.0	9.9
47.5°	0.0	0.8	1.6	2.3	3.6	4.8	6.1	7.1	8.2	9.2	10.2
46.25°	0.0	0.8	1.6	2.4	3.7	5.0	6.2	7.3	8.4	9.4	10.4
45°	0.0	0.8	1.6	2.5	3.8	5.1	6.4	7.5	8.5	9.6	10.7
43.75°	0.0	0.8	1.7	2.6	3.9	5.3	6.5	7.6	8.7	9.8	10.9
42.5°	0.0	0.8	1.7	2.7	4.1	5.4	6.6	7.8	8.9	10.0	11.1
41.25°	0.0	0.9	1.7	2.8	4.2	5.5	6.8	7.9	9.1	10.2	11.3
40°	0.0	0.9	1.8	2.9	4.3	5.7	6.9	8.1	9.3	10.4	11.6
38.75°	0.0	0.9	1.8	2.9	4.4	5.8	7.0	8.2	9.4	10.6	11.8
37.5°	0.0	0.9	1.8	3.0	4.5	5.9	7.2	8.4	9.6	10.8	12.0
36.25°	0.0	0.9	1.9	3.1	4.6	6.0	7.3	8.5	9.8	11.0	12.1
35°	0.0	0.9	1.9	3.1	4.7	6.1	7.4	8.7	9.9	11.1	12.3



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°
33.75°	0.0	1.0	1.9	3.2	4.8	6.2	7.5	8.8	10.1	11.3	12.4
32.5°	0.0	1.0	1.9	3.3	4.8	6.3	7.6	8.9	10.2	11.5	12.6
31.25°	0.0	1.0	2.0	3.3	4.9	6.4	7.7	9.1	10.3	11.6	12.7
30°	0.0	1.0	2.0	3.4	5.0	6.5	7.8	9.2	10.5	11.8	12.8
28.75°	0.0	1.0	2.0	3.5	5.1	6.6	7.9	9.3	10.6	11.9	12.9
27.5°	0.0	1.0	2.0	3.5	5.2	6.7	8.0	9.4	10.7	12.1	13.0
26.25°	0.0	1.0	2.1	3.6	5.2	6.7	8.1	9.5	10.9	12.2	13.2
25°	0.0	1.0	2.1	3.6	5.3	6.8	8.2	9.6	11.0	12.3	13.3
23.75°	0.0	1.1	2.1	3.7	5.4	6.9	8.3	9.7	11.1	12.4	13.4
22.5°	0.0	1.1	2.1	3.7	5.4	7.0	8.4	9.8	11.2	12.4	13.5
21.25°	0.0	1.1	2.1	3.8	5.5	7.0	8.5	9.9	11.3	12.5	13.5
20°	0.0	1.1	2.2	3.8	5.6	7.1	8.5	10.0	11.4	12.6	13.6
18.75°	0.0	1.1	2.2	3.9	5.6	7.1	8.6	10.0	11.5	12.7	13.7
17.5°	0.0	1.1	2.2	3.9	5.7	7.2	8.7	10.1	11.5	12.7	13.8
16.25°	0.0	1.1	2.2	3.9	5.7	7.2	8.7	10.2	11.6	12.8	13.9
15°	0.0	1.1	2.2	4.0	5.7	7.3	8.8	10.2	11.7	12.9	13.9
13.75°	0.0	1.1	2.2	4.0	5.8	7.3	8.8	10.3	11.8	12.9	14.0
12.5°	0.0	1.1	2.2	4.0	5.8	7.4	8.9	10.3	11.8	13.0	14.0
11.25°	0.0	1.1	2.3	4.0	5.9	7.4	8.9	10.4	11.9	13.0	14.1
10°	0.0	1.1	2.3	4.1	5.9	7.4	9.0	10.4	11.9	13.0	14.1
8.75°	0.0	1.1	2.3	4.1	5.9	7.5	9.0	10.5	12.0	13.1	14.2
7.5°	0.0	1.1	2.3	4.1	5.9	7.5	9.0	10.5	12.0	13.1	14.2
6.25°	0.0	1.1	2.3	4.1	6.0	7.5	9.0	10.5	12.0	13.1	14.2
5°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
3.75°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
2.5°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
1.25°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
0°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
-1.25°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
-2.5°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
-3.75°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
-5°	0.0	1.1	2.3	4.1	6.0	7.5	9.1	10.6	12.1	13.2	14.3
-6.25°	0.0	1.1	2.3	4.1	6.0	7.5	9.0	10.5	12.0	13.1	14.2
-7.5°	0.0	1.1	2.3	4.1	5.9	7.5	9.0	10.5	12.0	13.1	14.2
-8.75°	0.0	1.1	2.3	4.1	5.9	7.5	9.0	10.5	12.0	13.1	14.2
-10°	0.0	1.1	2.3	4.1	5.9	7.4	9.0	10.4	11.9	13.0	14.1
-11.25°	0.0	1.1	2.3	4.0	5.9	7.4	8.9	10.4	11.9	13.0	14.1
-12.5°	0.0	1.1	2.2	4.0	5.8	7.4	8.9	10.3	11.8	13.0	14.0
-13.75°	0.0	1.1	2.2	4.0	5.8	7.3	8.8	10.3	11.8	12.9	14.0
-15°	0.0	1.1	2.2	4.0	5.7	7.3	8.8	10.2	11.7	12.9	13.9
-16.25°	0.0	1.1	2.2	3.9	5.7	7.2	8.7	10.2	11.6	12.8	13.9
-17.5°	0.0	1.1	2.2	3.9	5.7	7.2	8.7	10.1	11.5	12.7	13.8
-18.75°	0.0	1.1	2.2	3.9	5.6	7.1	8.6	10.0	11.5	12.7	13.7
-20°	0.0	1.1	2.2	3.8	5.6	7.1	8.5	10.0	11.4	12.6	13.6
-21.25°	0.0	1.1	2.1	3.8	5.5	7.0	8.5	9.9	11.3	12.5	13.5



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°
-22.5°	0.0	1.1	2.1	3.7	5.4	7.0	8.4	9.8	11.2	12.4	13.5
-23.75°	0.0	1.1	2.1	3.7	5.4	6.9	8.3	9.7	11.1	12.4	13.4
-25°	0.0	1.0	2.1	3.6	5.3	6.8	8.2	9.6	11.0	12.3	13.3
-26.25°	0.0	1.0	2.1	3.6	5.2	6.7	8.1	9.5	10.9	12.2	13.2
-27.5°	0.0	1.0	2.0	3.5	5.2	6.7	8.0	9.4	10.7	12.1	13.0
-28.75°	0.0	1.0	2.0	3.5	5.1	6.6	7.9	9.3	10.6	11.9	12.9
-30°	0.0	1.0	2.0	3.4	5.0	6.5	7.8	9.2	10.5	11.8	12.8
-31.25°	0.0	1.0	2.0	3.3	4.9	6.4	7.7	9.1	10.3	11.6	12.7
-32.5°	0.0	1.0	1.9	3.3	4.8	6.3	7.6	8.9	10.2	11.5	12.6
-33.75°	0.0	1.0	1.9	3.2	4.8	6.2	7.5	8.8	10.1	11.3	12.4
-35°	0.0	0.9	1.9	3.1	4.7	6.1	7.4	8.7	9.9	11.1	12.3
-36.25°	0.0	0.9	1.9	3.1	4.6	6.0	7.3	8.5	9.8	11.0	12.1
-37.5°	0.0	0.9	1.8	3.0	4.5	5.9	7.2	8.4	9.6	10.8	12.0
-38.75°	0.0	0.9	1.8	2.9	4.4	5.8	7.0	8.2	9.4	10.6	11.8
-40°	0.0	0.9	1.8	2.9	4.3	5.7	6.9	8.1	9.3	10.4	11.6
-41.25°	0.0	0.9	1.7	2.8	4.2	5.5	6.8	7.9	9.1	10.2	11.3
-42.5°	0.0	0.8	1.7	2.7	4.1	5.4	6.6	7.8	8.9	10.0	11.1
-43.75°	0.0	0.8	1.7	2.6	3.9	5.3	6.5	7.6	8.7	9.8	10.9
-45°	0.0	0.8	1.6	2.5	3.8	5.1	6.4	7.5	8.5	9.6	10.7
-46.25°	0.0	0.8	1.6	2.4	3.7	5.0	6.2	7.3	8.4	9.4	10.4
-47.5°	0.0	0.8	1.6	2.3	3.6	4.8	6.1	7.1	8.2	9.2	10.2
-48.75°	0.0	0.8	1.5	2.3	3.5	4.7	5.9	6.9	8.0	9.0	9.9
-50°	0.0	0.7	1.5	2.2	3.4	4.5	5.7	6.8	7.7	8.7	9.7
-51.25°	0.0	0.7	1.4	2.2	3.2	4.4	5.5	6.6	7.5	8.5	9.4
-52.5°	0.0	0.7	1.4	2.1	3.1	4.2	5.3	6.4	7.3	8.3	9.2
-53.75°	0.0	0.7	1.4	2.0	3.0	4.1	5.2	6.2	7.1	8.0	8.9
-55°	0.0	0.7	1.3	2.0	2.8	3.9	5.0	6.0	6.9	7.8	8.6
-56.25°	0.0	0.6	1.3	1.9	2.7	3.7	4.8	5.8	6.7	7.5	8.4
-57.5°	0.0	0.6	1.2	1.9	2.6	3.6	4.6	5.5	6.4	7.3	8.1
-58.75°	0.0	0.6	1.2	1.8	2.4	3.4	4.3	5.3	6.2	7.0	7.8
-60°	0.0	0.6	1.1	1.7	2.3	3.2	4.1	5.1	6.0	6.7	7.5
-61.25°	0.0	0.6	1.1	1.7	2.2	3.0	3.9	4.8	5.7	6.5	7.2
-62.5°	0.0	0.5	1.1	1.6	2.1	2.9	3.7	4.6	5.4	6.2	6.9
-63.75°	0.0	0.5	1.0	1.5	2.0	2.7	3.5	4.3	5.1	5.9	6.6
-65°	0.0	0.5	1.0	1.5	1.9	2.5	3.3	4.1	4.8	5.6	6.3
-66.25°	0.0	0.5	0.9	1.4	1.9	2.3	3.1	3.8	4.5	5.3	6.0
-67.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.8	3.5	4.2	4.9	5.6
-68.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.6	3.3	3.9	4.6	5.3
-70°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.0	3.6	4.3	4.9
-71.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.3	3.9	4.5
-72.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.5	3.0	3.6	4.1
-73.75°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.7	3.2	3.7
-75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.9	3.4
-76.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	3.0
-77.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.6



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-81.25°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-82.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
-83.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5
-88.75°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
86.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5
85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0
83.75°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.7
82.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.8	3.1	3.3	3.5
81.25°	1.9	2.1	2.2	2.5	2.7	3.0	3.3	3.5	3.8	4.1	4.3
80°	2.2	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1
78.75°	2.5	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.9
77.5°	3.0	3.4	3.7	4.1	4.5	4.9	5.3	5.6	6.0	6.3	6.6
76.25°	3.4	3.8	4.2	4.7	5.1	5.5	5.9	6.3	6.6	6.9	7.3
75°	3.8	4.3	4.7	5.2	5.7	6.1	6.5	6.8	7.2	7.6	8.0
73.75°	4.2	4.7	5.2	5.7	6.2	6.6	7.0	7.4	7.8	8.2	8.6
72.5°	4.7	5.2	5.7	6.2	6.7	7.1	7.6	8.0	8.4	8.9	9.3
71.25°	5.1	5.7	6.2	6.7	7.2	7.6	8.1	8.6	9.0	9.5	9.9
70°	5.5	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.5
68.75°	5.9	6.5	7.0	7.6	8.1	8.6	9.2	9.7	10.2	10.7	11.2
67.5°	6.3	6.8	7.4	8.0	8.6	9.1	9.7	10.2	10.7	11.3	11.8
66.25°	6.6	7.2	7.8	8.4	9.0	9.6	10.2	10.7	11.3	11.9	12.3
65°	6.9	7.6	8.2	8.9	9.5	10.1	10.7	11.3	11.9	12.4	12.8
63.75°	7.3	8.0	8.6	9.3	9.9	10.5	11.2	11.8	12.3	12.8	13.2
62.5°	7.6	8.3	9.0	9.7	10.3	11.0	11.7	12.3	12.7	13.2	13.7
61.25°	7.9	8.7	9.4	10.1	10.8	11.5	12.1	12.6	13.1	13.6	14.1
60°	8.3	9.0	9.8	10.5	11.2	11.9	12.5	13.0	13.5	14.0	14.5
58.75°	8.6	9.4	10.1	10.9	11.6	12.3	12.8	13.4	13.9	14.4	14.8
57.5°	8.9	9.7	10.5	11.3	12.0	12.6	13.2	13.7	14.3	14.7	15.0
56.25°	9.2	10.0	10.8	11.6	12.4	12.9	13.5	14.1	14.6	14.9	15.3
55°	9.5	10.3	11.2	12.0	12.6	13.3	13.9	14.4	14.8	15.2	15.6
53.75°	9.8	10.7	11.5	12.3	12.9	13.6	14.2	14.6	15.1	15.5	16.0
52.5°	10.1	11.0	11.9	12.6	13.2	13.9	14.4	14.9	15.3	15.7	16.6
51.25°	10.4	11.3	12.2	12.8	13.5	14.2	14.7	15.1	15.6	16.2	17.1
50°	10.6	11.6	12.4	13.1	13.8	14.4	14.9	15.3	15.8	16.7	17.7
48.75°	10.9	11.9	12.7	13.4	14.1	14.6	15.1	15.6	16.3	17.3	18.2
47.5°	11.2	12.2	12.9	13.6	14.3	14.8	15.3	15.8	16.8	17.8	18.8
46.25°	11.5	12.4	13.1	13.9	14.5	15.0	15.5	16.2	17.3	18.3	19.5
45°	11.7	12.6	13.3	14.1	14.7	15.2	15.7	16.7	17.7	18.8	20.2
43.75°	12.0	12.8	13.6	14.3	14.9	15.4	16.0	17.1	18.2	19.4	20.9
42.5°	12.2	13.0	13.8	14.5	15.0	15.6	16.4	17.5	18.6	20.1	21.7
41.25°	12.4	13.2	14.0	14.6	15.2	15.7	16.8	17.9	19.1	20.7	22.4
40°	12.5	13.4	14.2	14.8	15.4	16.0	17.2	18.3	19.7	21.4	23.0
38.75°	12.7	13.5	14.4	14.9	15.5	16.4	17.6	18.7	20.4	22.0	23.8
37.5°	12.9	13.7	14.5	15.1	15.7	16.7	17.9	19.2	20.9	22.7	24.5
36.25°	13.0	13.9	14.6	15.2	15.8	17.1	18.3	19.8	21.5	23.3	25.3
35°	13.2	14.1	14.8	15.4	16.1	17.4	18.6	20.3	22.1	23.9	26.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	13.3	14.2	14.9	15.5	16.4	17.7	19.0	20.8	22.6	24.6	26.7
32.5°	13.5	14.4	15.0	15.6	16.7	18.0	19.4	21.3	23.1	25.3	27.4
31.25°	13.6	14.5	15.1	15.7	17.0	18.3	19.9	21.8	23.7	25.9	28.1
30°	13.8	14.6	15.2	15.9	17.2	18.6	20.3	22.2	24.3	26.5	28.8
28.75°	13.9	14.7	15.3	16.2	17.5	18.8	20.7	22.7	24.8	27.1	29.5
27.5°	14.0	14.8	15.4	16.4	17.7	19.2	21.2	23.1	25.4	27.7	30.1
26.25°	14.1	14.9	15.5	16.6	18.0	19.6	21.5	23.6	25.9	28.2	30.8
25°	14.2	14.9	15.6	16.8	18.2	19.9	21.9	24.0	26.4	28.8	31.4
23.75°	14.3	15.0	15.7	17.0	18.4	20.2	22.3	24.5	26.9	29.3	32.0
22.5°	14.4	15.1	15.8	17.2	18.6	20.6	22.6	24.9	27.3	29.9	32.6
21.25°	14.5	15.2	15.9	17.4	18.8	20.9	22.9	25.3	27.7	30.4	33.1
20°	14.5	15.2	16.1	17.6	19.0	21.1	23.2	25.7	28.1	30.9	33.6
18.75°	14.6	15.3	16.3	17.7	19.3	21.4	23.6	26.0	28.5	31.3	34.1
17.5°	14.7	15.4	16.4	17.9	19.5	21.7	23.9	26.4	28.9	31.7	34.6
16.25°	14.7	15.4	16.5	18.0	19.8	21.9	24.2	26.7	29.3	32.1	35.0
15°	14.8	15.5	16.6	18.1	20.0	22.1	24.4	27.0	29.6	32.5	35.4
13.75°	14.8	15.5	16.8	18.3	20.1	22.3	24.7	27.3	30.0	32.9	35.8
12.5°	14.9	15.6	16.9	18.4	20.3	22.5	24.9	27.5	30.3	33.2	36.1
11.25°	14.9	15.6	17.0	18.5	20.5	22.7	25.1	27.7	30.5	33.5	36.4
10°	14.9	15.7	17.0	18.6	20.6	22.8	25.3	27.9	30.8	33.7	36.7
8.75°	15.0	15.7	17.1	18.6	20.7	23.0	25.5	28.1	31.0	34.0	36.9
7.5°	15.0	15.7	17.2	18.7	20.9	23.1	25.6	28.3	31.2	34.2	37.1
6.25°	15.0	15.7	17.2	18.8	20.9	23.2	25.8	28.4	31.3	34.3	37.3
5°	15.0	15.8	17.3	18.8	21.0	23.3	25.9	28.5	31.5	34.5	37.4
3.75°	15.0	15.8	17.3	18.9	21.1	23.3	25.9	28.6	31.6	34.6	37.6
2.5°	15.0	15.8	17.3	18.9	21.1	23.4	26.0	28.7	31.6	34.6	37.6
1.25°	15.0	15.8	17.3	18.9	21.1	23.4	26.0	28.7	31.7	34.7	37.7
0°	15.1	15.8	17.4	18.9	21.2	23.4	26.1	28.7	31.7	34.7	37.7
-1.25°	15.0	15.8	17.3	18.9	21.1	23.4	26.0	28.7	31.7	34.7	37.7
-2.5°	15.0	15.8	17.3	18.9	21.1	23.4	26.0	28.7	31.6	34.6	37.6
-3.75°	15.0	15.8	17.3	18.9	21.1	23.3	25.9	28.6	31.6	34.6	37.6
-5°	15.0	15.8	17.3	18.8	21.0	23.3	25.9	28.5	31.5	34.5	37.4
-6.25°	15.0	15.7	17.2	18.8	20.9	23.2	25.8	28.4	31.3	34.3	37.3
-7.5°	15.0	15.7	17.2	18.7	20.9	23.1	25.6	28.3	31.2	34.2	37.1
-8.75°	15.0	15.7	17.1	18.6	20.7	23.0	25.5	28.1	31.0	34.0	36.9
-10°	14.9	15.7	17.0	18.6	20.6	22.8	25.3	27.9	30.8	33.7	36.7
-11.25°	14.9	15.6	17.0	18.5	20.5	22.7	25.1	27.7	30.5	33.5	36.4
-12.5°	14.9	15.6	16.9	18.4	20.3	22.5	24.9	27.5	30.3	33.2	36.1
-13.75°	14.8	15.5	16.8	18.3	20.1	22.3	24.7	27.3	30.0	32.9	35.8
-15°	14.8	15.5	16.6	18.1	20.0	22.1	24.4	27.0	29.6	32.5	35.4
-16.25°	14.7	15.4	16.5	18.0	19.8	21.9	24.2	26.7	29.3	32.1	35.0
-17.5°	14.7	15.4	16.4	17.9	19.5	21.7	23.9	26.4	28.9	31.7	34.6
-18.75°	14.6	15.3	16.3	17.7	19.3	21.4	23.6	26.0	28.5	31.3	34.1
-20°	14.5	15.2	16.1	17.6	19.0	21.1	23.2	25.7	28.1	30.9	33.6
-21.25°	14.5	15.2	15.9	17.4	18.8	20.9	22.9	25.3	27.7	30.4	33.1



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	14.4	15.1	15.8	17.2	18.6	20.6	22.6	24.9	27.3	29.9	32.6
-23.75°	14.3	15.0	15.7	17.0	18.4	20.2	22.3	24.5	26.9	29.3	32.0
-25°	14.2	14.9	15.6	16.8	18.2	19.9	21.9	24.0	26.4	28.8	31.4
-26.25°	14.1	14.9	15.5	16.6	18.0	19.6	21.5	23.6	25.9	28.2	30.8
-27.5°	14.0	14.8	15.4	16.4	17.7	19.2	21.2	23.1	25.4	27.7	30.1
-28.75°	13.9	14.7	15.3	16.2	17.5	18.8	20.7	22.7	24.8	27.1	29.5
-30°	13.8	14.6	15.2	15.9	17.2	18.6	20.3	22.2	24.3	26.5	28.8
-31.25°	13.6	14.5	15.1	15.7	17.0	18.3	19.9	21.8	23.7	25.9	28.1
-32.5°	13.5	14.4	15.0	15.6	16.7	18.0	19.4	21.3	23.1	25.3	27.4
-33.75°	13.3	14.2	14.9	15.5	16.4	17.7	19.0	20.8	22.6	24.6	26.7
-35°	13.2	14.1	14.8	15.4	16.1	17.4	18.6	20.3	22.1	23.9	26.0
-36.25°	13.0	13.9	14.6	15.2	15.8	17.1	18.3	19.8	21.5	23.3	25.3
-37.5°	12.9	13.7	14.5	15.1	15.7	16.7	17.9	19.2	20.9	22.7	24.5
-38.75°	12.7	13.5	14.4	14.9	15.5	16.4	17.6	18.7	20.4	22.0	23.8
-40°	12.5	13.4	14.2	14.8	15.4	16.0	17.2	18.3	19.7	21.4	23.0
-41.25°	12.4	13.2	14.0	14.6	15.2	15.7	16.8	17.9	19.1	20.7	22.4
-42.5°	12.2	13.0	13.8	14.5	15.0	15.6	16.4	17.5	18.6	20.1	21.7
-43.75°	12.0	12.8	13.6	14.3	14.9	15.4	16.0	17.1	18.2	19.4	20.9
-45°	11.7	12.6	13.3	14.1	14.7	15.2	15.7	16.7	17.7	18.8	20.2
-46.25°	11.5	12.4	13.1	13.9	14.5	15.0	15.5	16.2	17.3	18.3	19.5
-47.5°	11.2	12.2	12.9	13.6	14.3	14.8	15.3	15.8	16.8	17.8	18.8
-48.75°	10.9	11.9	12.7	13.4	14.1	14.6	15.1	15.6	16.3	17.3	18.2
-50°	10.6	11.6	12.4	13.1	13.8	14.4	14.9	15.3	15.8	16.7	17.7
-51.25°	10.4	11.3	12.2	12.8	13.5	14.2	14.7	15.1	15.6	16.2	17.1
-52.5°	10.1	11.0	11.9	12.6	13.2	13.9	14.4	14.9	15.3	15.7	16.6
-53.75°	9.8	10.7	11.5	12.3	12.9	13.6	14.2	14.6	15.1	15.5	16.0
-55°	9.5	10.3	11.2	12.0	12.6	13.3	13.9	14.4	14.8	15.2	15.6
-56.25°	9.2	10.0	10.8	11.6	12.4	12.9	13.5	14.1	14.6	14.9	15.3
-57.5°	8.9	9.7	10.5	11.3	12.0	12.6	13.2	13.7	14.3	14.7	15.0
-58.75°	8.6	9.4	10.1	10.9	11.6	12.3	12.8	13.4	13.9	14.4	14.8
-60°	8.3	9.0	9.8	10.5	11.2	11.9	12.5	13.0	13.5	14.0	14.5
-61.25°	7.9	8.7	9.4	10.1	10.8	11.5	12.1	12.6	13.1	13.6	14.1
-62.5°	7.6	8.3	9.0	9.7	10.3	11.0	11.7	12.3	12.7	13.2	13.7
-63.75°	7.3	8.0	8.6	9.3	9.9	10.5	11.2	11.8	12.3	12.8	13.2
-65°	6.9	7.6	8.2	8.9	9.5	10.1	10.7	11.3	11.9	12.4	12.8
-66.25°	6.6	7.2	7.8	8.4	9.0	9.6	10.2	10.7	11.3	11.9	12.3
-67.5°	6.3	6.8	7.4	8.0	8.6	9.1	9.7	10.2	10.7	11.3	11.8
-68.75°	5.9	6.5	7.0	7.6	8.1	8.6	9.2	9.7	10.2	10.7	11.2
-70°	5.5	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.5
-71.25°	5.1	5.7	6.2	6.7	7.2	7.6	8.1	8.6	9.0	9.5	9.9
-72.5°	4.7	5.2	5.7	6.2	6.7	7.1	7.6	8.0	8.4	8.9	9.3
-73.75°	4.2	4.7	5.2	5.7	6.2	6.6	7.0	7.4	7.8	8.2	8.6
-75°	3.8	4.3	4.7	5.2	5.7	6.1	6.5	6.8	7.2	7.6	8.0
-76.25°	3.4	3.8	4.2	4.7	5.1	5.5	5.9	6.3	6.6	6.9	7.3
-77.5°	3.0	3.4	3.7	4.1	4.5	4.9	5.3	5.6	6.0	6.3	6.6



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	2.5	2.9	3.2	3.6	3.9	4.3	4.6	4.9	5.3	5.6	5.9
-80°	2.2	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1
-81.25°	1.9	2.1	2.2	2.5	2.7	3.0	3.3	3.5	3.8	4.1	4.3
-82.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.8	3.1	3.3	3.5
-83.75°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.7
-85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0
-86.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5
-87.5°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
-88.75°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
87.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5
86.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.2
85°	2.1	2.2	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.4
83.75°	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4	4.5
82.5°	3.7	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3	5.5	5.7
81.25°	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8
80°	5.4	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
78.75°	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.7
77.5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.4	9.7
76.25°	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.6
75°	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.7	11.0	11.3	11.6
73.75°	9.0	9.4	9.8	10.1	10.5	10.8	11.2	11.5	11.9	12.2	12.4
72.5°	9.7	10.1	10.5	10.9	11.3	11.6	12.0	12.3	12.6	12.8	13.1
71.25°	10.3	10.8	11.2	11.6	12.0	12.4	12.6	12.9	13.2	13.5	13.8
70°	11.0	11.5	11.9	12.3	12.6	12.9	13.3	13.6	13.9	14.2	14.4
68.75°	11.7	12.1	12.5	12.8	13.2	13.5	13.9	14.2	14.4	14.7	14.9
67.5°	12.3	12.6	13.0	13.4	13.7	14.1	14.4	14.6	14.9	15.1	15.3
66.25°	12.7	13.1	13.5	13.9	14.3	14.6	14.8	15.1	15.3	15.6	15.8
65°	13.2	13.6	14.0	14.4	14.7	14.9	15.2	15.5	15.7	16.2	16.7
63.75°	13.7	14.1	14.5	14.8	15.0	15.3	15.6	16.0	16.6	17.1	17.7
62.5°	14.1	14.5	14.8	15.1	15.4	15.7	16.2	16.8	17.4	18.0	18.6
61.25°	14.5	14.8	15.1	15.5	15.8	16.4	17.1	17.7	18.3	18.9	19.8
60°	14.8	15.1	15.5	15.8	16.5	17.2	17.9	18.5	19.3	20.2	21.1
58.75°	15.1	15.5	15.8	16.6	17.3	18.0	18.7	19.6	20.5	21.5	22.5
57.5°	15.4	15.8	16.5	17.3	18.0	18.7	19.7	20.7	21.8	22.8	23.8
56.25°	15.7	16.4	17.2	18.0	18.7	19.8	20.8	21.9	23.0	24.1	25.4
55°	16.2	17.1	17.9	18.7	19.7	20.8	22.0	23.1	24.3	25.6	26.9
53.75°	16.8	17.7	18.5	19.6	20.7	21.9	23.1	24.4	25.7	27.1	28.4
52.5°	17.4	18.3	19.3	20.5	21.8	23.0	24.3	25.7	27.1	28.5	30.0
51.25°	18.0	18.9	20.2	21.5	22.8	24.1	25.6	27.1	28.5	30.1	31.6
50°	18.6	19.8	21.1	22.5	23.8	25.4	26.9	28.4	30.0	31.6	33.3
48.75°	19.3	20.7	22.0	23.4	25.0	26.6	28.1	29.8	31.5	33.2	34.9
47.5°	20.1	21.5	22.9	24.5	26.1	27.7	29.4	31.2	33.0	34.7	36.5
46.25°	20.9	22.4	23.9	25.6	27.2	28.9	30.8	32.6	34.4	36.3	38.0
45°	21.7	23.2	24.9	26.6	28.3	30.2	32.1	34.0	35.9	37.7	39.6
43.75°	22.5	24.1	25.9	27.7	29.5	31.5	33.4	35.4	37.3	39.2	41.0
42.5°	23.2	25.0	26.9	28.7	30.7	32.7	34.7	36.7	38.7	40.7	41.9
41.25°	24.1	25.9	27.8	29.8	31.9	34.0	36.0	38.1	40.1	41.6	42.8
40°	24.9	26.8	28.8	30.9	33.0	35.2	37.3	39.3	41.2	42.5	43.7
38.75°	25.7	27.7	29.8	32.0	34.2	36.3	38.5	40.6	42.0	43.3	44.7
37.5°	26.6	28.6	30.8	33.0	35.3	37.5	39.7	41.4	42.8	44.2	45.7
36.25°	27.3	29.5	31.8	34.1	36.3	38.6	40.8	42.2	43.6	45.1	46.7
35°	28.1	30.4	32.7	35.1	37.4	39.7	41.5	42.9	44.4	46.0	47.7



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	28.9	31.3	33.7	36.0	38.4	40.7	42.2	43.7	45.2	47.0	48.7
32.5°	29.7	32.1	34.6	37.0	39.4	41.4	42.9	44.4	46.1	47.9	49.2
31.25°	30.5	33.0	35.4	37.9	40.3	42.0	43.5	45.2	47.0	48.7	49.5
30°	31.3	33.8	36.3	38.8	41.1	42.6	44.2	45.9	47.8	49.2	49.8
28.75°	32.0	34.6	37.1	39.6	41.6	43.2	44.8	46.7	48.6	49.5	50.1
27.5°	32.7	35.3	37.9	40.5	42.2	43.8	45.5	47.4	49.1	49.7	50.4
26.25°	33.4	36.0	38.6	41.0	42.7	44.3	46.2	48.1	49.4	50.0	50.5
25°	34.1	36.7	39.4	41.5	43.2	44.9	46.9	48.8	49.6	50.2	50.5
23.75°	34.7	37.4	40.1	42.0	43.7	45.5	47.5	49.2	49.8	50.5	50.5
22.5°	35.3	38.0	40.7	42.4	44.1	46.1	48.1	49.4	50.0	50.5	50.5
21.25°	35.9	38.6	41.1	42.8	44.6	46.6	48.7	49.6	50.2	50.5	50.5
20°	36.4	39.2	41.5	43.2	45.1	47.1	49.1	49.8	50.4	50.5	50.5
18.75°	36.9	39.7	41.9	43.6	45.5	47.6	49.2	49.9	50.5	50.5	50.5
17.5°	37.4	40.2	42.2	44.0	46.0	48.1	49.4	50.1	50.5	50.5	50.5
16.25°	37.9	40.7	42.5	44.3	46.4	48.5	49.5	50.3	50.5	50.5	50.5
15°	38.3	41.0	42.8	44.6	46.8	48.9	49.7	50.4	50.5	50.5	50.5
13.75°	38.7	41.2	43.1	45.0	47.1	49.1	49.8	50.5	50.5	50.5	50.5
12.5°	39.0	41.5	43.3	45.3	47.4	49.2	49.9	50.5	50.5	50.5	50.5
11.25°	39.3	41.7	43.5	45.6	47.7	49.3	50.0	50.5	50.5	50.5	50.5
10°	39.6	41.9	43.7	45.8	48.0	49.4	50.1	50.5	50.5	50.5	50.5
8.75°	39.9	42.0	43.9	46.0	48.2	49.5	50.2	50.5	50.5	50.5	50.5
7.5°	40.1	42.2	44.1	46.2	48.4	49.6	50.3	50.5	50.5	50.5	50.5
6.25°	40.3	42.3	44.2	46.4	48.6	49.6	50.4	50.5	50.5	50.5	50.5
5°	40.4	42.4	44.3	46.5	48.8	49.7	50.4	50.5	50.5	50.5	50.5
3.75°	40.5	42.5	44.4	46.6	48.9	49.7	50.4	50.5	50.5	50.5	50.5
2.5°	40.6	42.6	44.5	46.7	48.9	49.7	50.5	50.5	50.5	50.5	50.5
1.25°	40.7	42.6	44.5	46.7	49.0	49.7	50.5	50.5	50.5	50.5	50.5
0°	40.7	42.6	44.5	46.8	49.0	49.8	50.5	50.5	50.5	50.5	50.5
-1.25°	40.7	42.6	44.5	46.7	49.0	49.7	50.5	50.5	50.5	50.5	50.5
-2.5°	40.6	42.6	44.5	46.7	48.9	49.7	50.5	50.5	50.5	50.5	50.5
-3.75°	40.5	42.5	44.4	46.6	48.9	49.7	50.4	50.5	50.5	50.5	50.5
-5°	40.4	42.4	44.3	46.5	48.8	49.7	50.4	50.5	50.5	50.5	50.5
-6.25°	40.3	42.3	44.2	46.4	48.6	49.6	50.4	50.5	50.5	50.5	50.5
-7.5°	40.1	42.2	44.1	46.2	48.4	49.6	50.3	50.5	50.5	50.5	50.5
-8.75°	39.9	42.0	43.9	46.0	48.2	49.5	50.2	50.5	50.5	50.5	50.5
-10°	39.6	41.9	43.7	45.8	48.0	49.4	50.1	50.5	50.5	50.5	50.5
-11.25°	39.3	41.7	43.5	45.6	47.7	49.3	50.0	50.5	50.5	50.5	50.5
-12.5°	39.0	41.5	43.3	45.3	47.4	49.2	49.9	50.5	50.5	50.5	50.5
-13.75°	38.7	41.2	43.1	45.0	47.1	49.1	49.8	50.5	50.5	50.5	50.5
-15°	38.3	41.0	42.8	44.6	46.8	48.9	49.7	50.4	50.5	50.5	50.5
-16.25°	37.9	40.7	42.5	44.3	46.4	48.5	49.5	50.3	50.5	50.5	50.5
-17.5°	37.4	40.2	42.2	44.0	46.0	48.1	49.4	50.1	50.5	50.5	50.5
-18.75°	36.9	39.7	41.9	43.6	45.5	47.6	49.2	49.9	50.5	50.5	50.5
-20°	36.4	39.2	41.5	43.2	45.1	47.1	49.1	49.8	50.4	50.5	50.5
-21.25°	35.9	38.6	41.1	42.8	44.6	46.6	48.7	49.6	50.2	50.5	50.5



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	35.3	38.0	40.7	42.4	44.1	46.1	48.1	49.4	50.0	50.5	50.5
-23.75°	34.7	37.4	40.1	42.0	43.7	45.5	47.5	49.2	49.8	50.5	50.5
-25°	34.1	36.7	39.4	41.5	43.2	44.9	46.9	48.8	49.6	50.2	50.5
-26.25°	33.4	36.0	38.6	41.0	42.7	44.3	46.2	48.1	49.4	50.0	50.5
-27.5°	32.7	35.3	37.9	40.5	42.2	43.8	45.5	47.4	49.1	49.7	50.4
-28.75°	32.0	34.6	37.1	39.6	41.6	43.2	44.8	46.7	48.6	49.5	50.1
-30°	31.3	33.8	36.3	38.8	41.1	42.6	44.2	45.9	47.8	49.2	49.8
-31.25°	30.5	33.0	35.4	37.9	40.3	42.0	43.5	45.2	47.0	48.7	49.5
-32.5°	29.7	32.1	34.6	37.0	39.4	41.4	42.9	44.4	46.1	47.9	49.2
-33.75°	28.9	31.3	33.7	36.0	38.4	40.7	42.2	43.7	45.2	47.0	48.7
-35°	28.1	30.4	32.7	35.1	37.4	39.7	41.5	42.9	44.4	46.0	47.7
-36.25°	27.3	29.5	31.8	34.1	36.3	38.6	40.8	42.2	43.6	45.1	46.7
-37.5°	26.6	28.6	30.8	33.0	35.3	37.5	39.7	41.4	42.8	44.2	45.7
-38.75°	25.7	27.7	29.8	32.0	34.2	36.3	38.5	40.6	42.0	43.3	44.7
-40°	24.9	26.8	28.8	30.9	33.0	35.2	37.3	39.3	41.2	42.5	43.7
-41.25°	24.1	25.9	27.8	29.8	31.9	34.0	36.0	38.1	40.1	41.6	42.8
-42.5°	23.2	25.0	26.9	28.7	30.7	32.7	34.7	36.7	38.7	40.7	41.9
-43.75°	22.5	24.1	25.9	27.7	29.5	31.5	33.4	35.4	37.3	39.2	41.0
-45°	21.7	23.2	24.9	26.6	28.3	30.2	32.1	34.0	35.9	37.7	39.6
-46.25°	20.9	22.4	23.9	25.6	27.2	28.9	30.8	32.6	34.4	36.3	38.0
-47.5°	20.1	21.5	22.9	24.5	26.1	27.7	29.4	31.2	33.0	34.7	36.5
-48.75°	19.3	20.7	22.0	23.4	25.0	26.6	28.1	29.8	31.5	33.2	34.9
-50°	18.6	19.8	21.1	22.5	23.8	25.4	26.9	28.4	30.0	31.6	33.3
-51.25°	18.0	18.9	20.2	21.5	22.8	24.1	25.6	27.1	28.5	30.1	31.6
-52.5°	17.4	18.3	19.3	20.5	21.8	23.0	24.3	25.7	27.1	28.5	30.0
-53.75°	16.8	17.7	18.5	19.6	20.7	21.9	23.1	24.4	25.7	27.1	28.4
-55°	16.2	17.1	17.9	18.7	19.7	20.8	22.0	23.1	24.3	25.6	26.9
-56.25°	15.7	16.4	17.2	18.0	18.7	19.8	20.8	21.9	23.0	24.1	25.4
-57.5°	15.4	15.8	16.5	17.3	18.0	18.7	19.7	20.7	21.8	22.8	23.8
-58.75°	15.1	15.5	15.8	16.6	17.3	18.0	18.7	19.6	20.5	21.5	22.5
-60°	14.8	15.1	15.5	15.8	16.5	17.2	17.9	18.5	19.3	20.2	21.1
-61.25°	14.5	14.8	15.1	15.5	15.8	16.4	17.1	17.7	18.3	18.9	19.8
-62.5°	14.1	14.5	14.8	15.1	15.4	15.7	16.2	16.8	17.4	18.0	18.6
-63.75°	13.7	14.1	14.5	14.8	15.0	15.3	15.6	16.0	16.6	17.1	17.7
-65°	13.2	13.6	14.0	14.4	14.7	14.9	15.2	15.5	15.7	16.2	16.7
-66.25°	12.7	13.1	13.5	13.9	14.3	14.6	14.8	15.1	15.3	15.6	15.8
-67.5°	12.3	12.6	13.0	13.4	13.7	14.1	14.4	14.6	14.9	15.1	15.3
-68.75°	11.7	12.1	12.5	12.8	13.2	13.5	13.9	14.2	14.4	14.7	14.9
-70°	11.0	11.5	11.9	12.3	12.6	12.9	13.3	13.6	13.9	14.2	14.4
-71.25°	10.3	10.8	11.2	11.6	12.0	12.4	12.6	12.9	13.2	13.5	13.8
-72.5°	9.7	10.1	10.5	10.9	11.3	11.6	12.0	12.3	12.6	12.8	13.1
-73.75°	9.0	9.4	9.8	10.1	10.5	10.8	11.2	11.5	11.9	12.2	12.4
-75°	8.3	8.7	9.0	9.4	9.7	10.0	10.3	10.7	11.0	11.3	11.6
-76.25°	7.6	7.9	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.6
-77.5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.4	9.7



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	6.2	6.5	6.7	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.7
-80°	5.4	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7
-81.25°	4.6	4.8	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8
-82.5°	3.7	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3	5.5	5.7
-83.75°	2.9	3.0	3.2	3.4	3.6	3.7	3.9	4.1	4.2	4.4	4.5
-85°	2.1	2.2	2.3	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.4
-86.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.2
-87.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5
-88.75°	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
87.5°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
86.25°	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1
85°	3.5	3.6	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.6
83.75°	4.7	4.8	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0
82.5°	5.9	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3
81.25°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5
80°	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.8
78.75°	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	11.0
77.5°	9.9	10.2	10.4	10.7	10.9	11.1	11.3	11.6	11.8	12.0	12.1
76.25°	10.9	11.2	11.5	11.7	12.0	12.2	12.4	12.5	12.7	12.9	13.0
75°	11.9	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.9
73.75°	12.7	12.9	13.1	13.3	13.6	13.8	14.0	14.2	14.4	14.5	14.6
72.5°	13.4	13.6	13.9	14.1	14.3	14.5	14.6	14.8	14.9	15.1	15.2
71.25°	14.1	14.3	14.5	14.7	14.9	15.0	15.2	15.4	15.5	15.7	15.8
70°	14.6	14.8	15.0	15.2	15.4	15.6	15.7	16.0	16.4	16.7	17.1
68.75°	15.1	15.3	15.5	15.7	16.0	16.4	16.8	17.2	17.6	17.9	18.3
67.5°	15.6	15.8	16.2	16.7	17.1	17.5	17.9	18.3	18.7	19.2	19.8
66.25°	16.3	16.8	17.3	17.7	18.2	18.6	19.1	19.7	20.4	20.9	21.5
65°	17.3	17.8	18.3	18.8	19.4	20.1	20.7	21.4	22.0	22.7	23.3
63.75°	18.2	18.8	19.5	20.2	20.9	21.7	22.4	23.0	23.8	24.5	25.3
62.5°	19.3	20.1	20.9	21.7	22.5	23.2	24.1	24.9	25.7	26.6	27.3
61.25°	20.7	21.5	22.4	23.2	24.1	25.0	25.9	26.8	27.7	28.6	29.5
60°	22.0	22.9	23.9	24.9	25.9	26.9	27.8	28.8	29.8	30.8	31.8
58.75°	23.4	24.5	25.6	26.6	27.7	28.7	29.8	30.9	32.0	33.0	34.1
57.5°	25.0	26.1	27.2	28.3	29.5	30.7	31.9	33.0	34.2	35.3	36.3
56.25°	26.6	27.7	28.9	30.2	31.5	32.7	34.0	35.2	36.3	37.5	38.6
55°	28.1	29.4	30.8	32.1	33.4	34.7	36.0	37.3	38.5	39.7	40.8
53.75°	29.8	31.2	32.6	34.0	35.4	36.7	38.1	39.3	40.6	41.4	42.2
52.5°	31.5	33.0	34.4	35.9	37.3	38.7	40.1	41.2	42.0	42.8	43.6
51.25°	33.2	34.7	36.3	37.7	39.2	40.7	41.6	42.5	43.3	44.2	45.1
50°	34.9	36.5	38.0	39.6	41.0	41.9	42.8	43.7	44.7	45.7	46.7
48.75°	36.5	38.2	39.8	41.1	42.1	43.1	44.1	45.1	46.2	47.3	48.3
47.5°	38.2	39.9	41.2	42.3	43.3	44.3	45.4	46.6	47.7	48.8	49.3
46.25°	39.8	41.2	42.3	43.4	44.5	45.7	46.9	48.1	49.1	49.5	49.8
45°	41.1	42.3	43.4	44.5	45.8	47.1	48.3	49.2	49.6	50.0	50.4
43.75°	42.1	43.3	44.5	45.8	47.1	48.4	49.2	49.7	50.1	50.5	50.5
42.5°	43.1	44.3	45.7	47.1	48.4	49.3	49.7	50.1	50.5	50.5	50.5
41.25°	44.1	45.4	46.9	48.3	49.2	49.7	50.2	50.5	50.5	50.5	50.5
40°	45.1	46.6	48.1	49.2	49.7	50.1	50.5	50.5	50.5	50.5	50.5
38.75°	46.2	47.7	49.1	49.6	50.1	50.5	50.5	50.5	50.5	50.5	50.5
37.5°	47.3	48.8	49.5	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5
36.25°	48.3	49.3	49.8	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.9
35°	49.1	49.7	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.8	51.4



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	49.4	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.8	51.3	51.8
32.5°	49.8	50.3	50.5	50.5	50.5	50.5	50.5	50.7	51.2	51.8	52.4
31.25°	50.1	50.5	50.5	50.5	50.5	50.5	50.5	51.1	51.7	52.3	53.1
30°	50.4	50.5	50.5	50.5	50.5	50.5	50.9	51.5	52.1	52.9	53.7
28.75°	50.5	50.5	50.5	50.5	50.5	50.7	51.3	51.9	52.7	53.5	54.3
27.5°	50.5	50.5	50.5	50.5	50.5	51.0	51.7	52.4	53.2	54.1	54.9
26.25°	50.5	50.5	50.5	50.5	50.7	51.4	52.0	52.9	53.8	54.6	55.5
25°	50.5	50.5	50.5	50.5	51.1	51.7	52.5	53.4	54.3	55.2	56.1
23.75°	50.5	50.5	50.5	50.7	51.4	52.1	53.0	53.9	54.8	55.7	56.7
22.5°	50.5	50.5	50.5	51.0	51.7	52.5	53.4	54.3	55.3	56.3	57.2
21.25°	50.5	50.5	50.6	51.3	52.0	52.9	53.8	54.8	55.8	56.8	57.7
20°	50.5	50.5	50.8	51.6	52.3	53.3	54.3	55.3	56.3	57.2	58.2
18.75°	50.5	50.5	51.1	51.8	52.7	53.7	54.7	55.7	56.7	57.7	58.6
17.5°	50.5	50.6	51.3	52.0	53.0	54.0	55.0	56.1	57.1	58.1	59.1
16.25°	50.5	50.8	51.5	52.3	53.3	54.4	55.4	56.5	57.5	58.5	59.5
15°	50.5	51.0	51.7	52.6	53.6	54.7	55.7	56.8	57.8	58.8	59.9
13.75°	50.5	51.1	51.9	52.9	53.9	55.0	56.1	57.1	58.1	59.2	60.2
12.5°	50.5	51.3	52.1	53.1	54.2	55.3	56.3	57.4	58.4	59.5	60.6
11.25°	50.7	51.5	52.3	53.3	54.4	55.5	56.6	57.7	58.7	59.8	60.9
10°	50.8	51.6	52.5	53.5	54.6	55.7	56.8	57.9	59.0	60.1	61.2
8.75°	50.9	51.7	52.6	53.7	54.8	55.9	57.0	58.1	59.2	60.3	61.7
7.5°	51.0	51.8	52.8	53.9	55.0	56.1	57.2	58.3	59.4	60.5	62.2
6.25°	51.1	51.9	52.9	54.0	55.1	56.3	57.4	58.4	59.6	60.7	62.5
5°	51.2	52.0	53.0	54.1	55.2	56.4	57.5	58.6	59.7	60.8	62.8
3.75°	51.2	52.0	53.1	54.2	55.3	56.5	57.6	58.7	59.8	61.0	63.0
2.5°	51.3	52.1	53.2	54.3	55.4	56.5	57.6	58.7	59.9	61.0	63.2
1.25°	51.3	52.1	53.2	54.3	55.4	56.6	57.7	58.8	59.9	61.1	63.3
0°	51.3	52.1	53.2	54.3	55.5	56.6	57.7	58.8	60.0	61.1	63.4
-1.25°	51.3	52.1	53.2	54.3	55.4	56.6	57.7	58.8	59.9	61.1	63.3
-2.5°	51.3	52.1	53.2	54.3	55.4	56.5	57.6	58.7	59.9	61.0	63.2
-3.75°	51.2	52.0	53.1	54.2	55.3	56.5	57.6	58.7	59.8	61.0	63.0
-5°	51.2	52.0	53.0	54.1	55.2	56.4	57.5	58.6	59.7	60.8	62.8
-6.25°	51.1	51.9	52.9	54.0	55.1	56.3	57.4	58.4	59.6	60.7	62.5
-7.5°	51.0	51.8	52.8	53.9	55.0	56.1	57.2	58.3	59.4	60.5	62.2
-8.75°	50.9	51.7	52.6	53.7	54.8	55.9	57.0	58.1	59.2	60.3	61.7
-10°	50.8	51.6	52.5	53.5	54.6	55.7	56.8	57.9	59.0	60.1	61.2
-11.25°	50.7	51.5	52.3	53.3	54.4	55.5	56.6	57.7	58.7	59.8	60.9
-12.5°	50.5	51.3	52.1	53.1	54.2	55.3	56.3	57.4	58.4	59.5	60.6
-13.75°	50.5	51.1	51.9	52.9	53.9	55.0	56.1	57.1	58.1	59.2	60.2
-15°	50.5	51.0	51.7	52.6	53.6	54.7	55.7	56.8	57.8	58.8	59.9
-16.25°	50.5	50.8	51.5	52.3	53.3	54.4	55.4	56.5	57.5	58.5	59.5
-17.5°	50.5	50.6	51.3	52.0	53.0	54.0	55.0	56.1	57.1	58.1	59.1
-18.75°	50.5	50.5	51.1	51.8	52.7	53.7	54.7	55.7	56.7	57.7	58.6
-20°	50.5	50.5	50.8	51.6	52.3	53.3	54.3	55.3	56.3	57.2	58.2
-21.25°	50.5	50.5	50.6	51.3	52.0	52.9	53.8	54.8	55.8	56.8	57.7



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	50.5	50.5	50.5	51.0	51.7	52.5	53.4	54.3	55.3	56.3	57.2
-23.75°	50.5	50.5	50.5	50.7	51.4	52.1	53.0	53.9	54.8	55.7	56.7
-25°	50.5	50.5	50.5	50.5	51.1	51.7	52.5	53.4	54.3	55.2	56.1
-26.25°	50.5	50.5	50.5	50.5	50.7	51.4	52.0	52.9	53.8	54.6	55.5
-27.5°	50.5	50.5	50.5	50.5	50.5	51.0	51.7	52.4	53.2	54.1	54.9
-28.75°	50.5	50.5	50.5	50.5	50.5	50.7	51.3	51.9	52.7	53.5	54.3
-30°	50.4	50.5	50.5	50.5	50.5	50.5	50.9	51.5	52.1	52.9	53.7
-31.25°	50.1	50.5	50.5	50.5	50.5	50.5	50.5	51.1	51.7	52.3	53.1
-32.5°	49.8	50.3	50.5	50.5	50.5	50.5	50.5	50.7	51.2	51.8	52.4
-33.75°	49.4	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.8	51.3	51.8
-35°	49.1	49.7	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.8	51.4
-36.25°	48.3	49.3	49.8	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.9
-37.5°	47.3	48.8	49.5	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-38.75°	46.2	47.7	49.1	49.6	50.1	50.5	50.5	50.5	50.5	50.5	50.5
-40°	45.1	46.6	48.1	49.2	49.7	50.1	50.5	50.5	50.5	50.5	50.5
-41.25°	44.1	45.4	46.9	48.3	49.2	49.7	50.2	50.5	50.5	50.5	50.5
-42.5°	43.1	44.3	45.7	47.1	48.4	49.3	49.7	50.1	50.5	50.5	50.5
-43.75°	42.1	43.3	44.5	45.8	47.1	48.4	49.2	49.7	50.1	50.5	50.5
-45°	41.1	42.3	43.4	44.5	45.8	47.1	48.3	49.2	49.6	50.0	50.4
-46.25°	39.8	41.2	42.3	43.4	44.5	45.7	46.9	48.1	49.1	49.5	49.8
-47.5°	38.2	39.9	41.2	42.3	43.3	44.3	45.4	46.6	47.7	48.8	49.3
-48.75°	36.5	38.2	39.8	41.1	42.1	43.1	44.1	45.1	46.2	47.3	48.3
-50°	34.9	36.5	38.0	39.6	41.0	41.9	42.8	43.7	44.7	45.7	46.7
-51.25°	33.2	34.7	36.3	37.7	39.2	40.7	41.6	42.5	43.3	44.2	45.1
-52.5°	31.5	33.0	34.4	35.9	37.3	38.7	40.1	41.2	42.0	42.8	43.6
-53.75°	29.8	31.2	32.6	34.0	35.4	36.7	38.1	39.3	40.6	41.4	42.2
-55°	28.1	29.4	30.8	32.1	33.4	34.7	36.0	37.3	38.5	39.7	40.8
-56.25°	26.6	27.7	28.9	30.2	31.5	32.7	34.0	35.2	36.3	37.5	38.6
-57.5°	25.0	26.1	27.2	28.3	29.5	30.7	31.9	33.0	34.2	35.3	36.3
-58.75°	23.4	24.5	25.6	26.6	27.7	28.7	29.8	30.9	32.0	33.0	34.1
-60°	22.0	22.9	23.9	24.9	25.9	26.9	27.8	28.8	29.8	30.8	31.8
-61.25°	20.7	21.5	22.4	23.2	24.1	25.0	25.9	26.8	27.7	28.6	29.5
-62.5°	19.3	20.1	20.9	21.7	22.5	23.2	24.1	24.9	25.7	26.6	27.3
-63.75°	18.2	18.8	19.5	20.2	20.9	21.7	22.4	23.0	23.8	24.5	25.3
-65°	17.3	17.8	18.3	18.8	19.4	20.1	20.7	21.4	22.0	22.7	23.3
-66.25°	16.3	16.8	17.3	17.7	18.2	18.6	19.1	19.7	20.4	20.9	21.5
-67.5°	15.6	15.8	16.2	16.7	17.1	17.5	17.9	18.3	18.7	19.2	19.8
-68.75°	15.1	15.3	15.5	15.7	16.0	16.4	16.8	17.2	17.6	17.9	18.3
-70°	14.6	14.8	15.0	15.2	15.4	15.6	15.7	16.0	16.4	16.7	17.1
-71.25°	14.1	14.3	14.5	14.7	14.9	15.0	15.2	15.4	15.5	15.7	15.8
-72.5°	13.4	13.6	13.9	14.1	14.3	14.5	14.6	14.8	14.9	15.1	15.2
-73.75°	12.7	12.9	13.1	13.3	13.6	13.8	14.0	14.2	14.4	14.5	14.6
-75°	11.9	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.9
-76.25°	10.9	11.2	11.5	11.7	12.0	12.2	12.4	12.5	12.7	12.9	13.0
-77.5°	9.9	10.2	10.4	10.7	10.9	11.1	11.3	11.6	11.8	12.0	12.1



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	11.0
-80°	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.8
-81.25°	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5
-82.5°	5.9	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3
-83.75°	4.7	4.8	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0
-85°	3.5	3.6	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.6
-86.25°	2.3	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1
-87.5°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
87.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
86.25°	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7
85°	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
83.75°	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0
82.5°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
81.25°	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8
80°	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.9	11.0	11.1	11.2
78.75°	11.1	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.3	12.4	12.4
77.5°	12.3	12.4	12.6	12.7	12.8	12.9	13.0	13.2	13.3	13.4	13.5
76.25°	13.2	13.3	13.5	13.6	13.8	13.9	14.0	14.1	14.2	14.3	14.4
75°	14.1	14.2	14.4	14.5	14.6	14.7	14.8	14.9	14.9	15.0	15.1
73.75°	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8
72.5°	15.4	15.5	15.6	15.7	15.9	16.2	16.4	16.6	16.8	17.0	17.2
71.25°	16.1	16.4	16.7	17.0	17.2	17.5	17.7	18.0	18.2	18.4	18.6
70°	17.4	17.7	18.0	18.3	18.6	18.8	19.2	19.6	19.9	20.2	20.6
68.75°	18.6	19.0	19.4	19.9	20.3	20.7	21.2	21.5	21.9	22.3	22.6
67.5°	20.3	20.8	21.3	21.8	22.2	22.7	23.1	23.6	24.0	24.5	24.9
66.25°	22.1	22.6	23.1	23.7	24.3	24.8	25.4	25.9	26.4	26.9	27.3
65°	23.9	24.6	25.3	25.9	26.5	27.1	27.7	28.2	28.8	29.3	29.9
63.75°	26.0	26.7	27.4	28.1	28.8	29.5	30.1	30.8	31.4	32.0	32.6
62.5°	28.1	28.9	29.7	30.5	31.3	32.0	32.7	33.4	34.1	34.7	35.3
61.25°	30.4	31.3	32.1	33.0	33.8	34.6	35.3	36.0	36.7	37.4	38.0
60°	32.7	33.7	34.6	35.4	36.3	37.1	37.9	38.6	39.4	40.1	40.7
58.75°	35.1	36.0	37.0	37.9	38.8	39.6	40.5	41.0	41.5	42.0	42.4
57.5°	37.4	38.4	39.4	40.3	41.1	41.6	42.2	42.7	43.2	43.7	44.1
56.25°	39.7	40.7	41.4	42.0	42.6	43.2	43.8	44.3	44.9	45.5	46.1
55°	41.5	42.2	42.9	43.5	44.2	44.8	45.5	46.2	46.9	47.5	48.1
53.75°	42.9	43.7	44.4	45.2	45.9	46.7	47.4	48.1	48.8	49.2	49.4
52.5°	44.4	45.2	46.1	47.0	47.8	48.6	49.1	49.4	49.6	49.8	50.0
51.25°	46.0	47.0	47.9	48.7	49.2	49.5	49.7	50.0	50.2	50.5	50.5
50°	47.7	48.7	49.2	49.5	49.8	50.1	50.4	50.5	50.5	50.5	50.5
48.75°	49.1	49.4	49.8	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5
47.5°	49.7	50.0	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
46.25°	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
45°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	51.0
43.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	51.1	51.4	51.7
42.5°	50.5	50.5	50.5	50.5	50.5	50.7	51.0	51.4	51.7	52.1	52.5
41.25°	50.5	50.5	50.5	50.5	50.9	51.3	51.7	52.0	52.5	53.0	53.4
40°	50.5	50.5	50.7	51.1	51.5	51.9	52.4	52.9	53.4	53.9	54.3
38.75°	50.5	50.8	51.2	51.7	52.1	52.7	53.2	53.8	54.3	54.8	55.3
37.5°	50.8	51.3	51.8	52.3	52.9	53.5	54.1	54.6	55.2	55.7	56.3
36.25°	51.4	51.8	52.4	53.1	53.7	54.3	54.9	55.5	56.1	56.7	57.2
35°	51.9	52.5	53.2	53.8	54.5	55.1	55.8	56.4	57.0	57.5	58.1



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	52.5	53.2	53.9	54.6	55.3	56.0	56.6	57.2	57.8	58.4	59.0
32.5°	53.2	53.9	54.6	55.3	56.1	56.8	57.4	58.1	58.7	59.3	59.9
31.25°	53.8	54.6	55.3	56.1	56.8	57.5	58.2	58.9	59.5	60.2	60.8
30°	54.5	55.3	56.1	56.8	57.6	58.3	59.0	59.7	60.4	61.0	62.3
28.75°	55.1	56.0	56.8	57.5	58.3	59.0	59.8	60.5	61.3	62.7	64.0
27.5°	55.8	56.6	57.4	58.2	59.0	59.8	60.5	61.5	62.9	64.3	65.8
26.25°	56.4	57.2	58.1	58.9	59.7	60.5	61.5	63.0	64.5	66.5	70.5
25°	57.0	57.8	58.7	59.5	60.4	61.3	62.9	64.5	66.8	71.0	75.2
23.75°	57.5	58.4	59.3	60.2	61.0	62.7	64.3	66.5	71.0	75.4	80.0
22.5°	58.1	59.0	59.9	60.8	62.3	64.0	65.8	70.5	75.2	80.0	85.1
21.25°	58.6	59.5	60.5	61.7	63.5	65.2	69.5	74.4	79.3	84.8	90.2
20°	59.1	60.1	61.0	62.8	64.6	68.0	73.1	78.2	83.9	89.5	96.0
18.75°	59.6	60.6	62.0	63.9	66.1	71.4	76.6	82.3	88.3	94.4	104.2
17.5°	60.1	61.1	63.0	64.9	69.1	74.6	80.2	86.4	92.5	101.5	125.1
16.25°	60.5	61.9	63.9	66.4	72.0	77.6	83.8	90.2	98.2	117.1	164.2
15°	60.9	62.8	64.8	69.0	74.8	80.7	87.3	93.9	106.1	140.8	214.1
13.75°	61.5	63.6	65.6	71.5	77.3	83.9	90.6	99.4	122.4	181.6	273.7
12.5°	62.2	64.3	67.8	73.7	79.9	86.7	93.6	106.7	146.6	228.4	335.7
11.25°	62.8	64.9	69.8	75.8	82.4	89.4	98.1	120.1	180.1	277.6	395.7
10°	63.4	65.5	71.6	77.7	84.7	91.8	102.1	133.7	215.7	327.5	454.7
8.75°	63.9	67.0	73.2	79.5	86.7	94.2	110.2	159.8	254.0	374.3	508.0
7.5°	64.4	68.3	74.6	81.2	88.5	97.2	119.4	182.6	287.6	416.9	555.0
6.25°	64.7	69.4	75.8	82.7	90.1	99.8	127.2	204.0	320.6	455.1	595.4
5°	65.0	70.4	76.7	83.9	91.3	102.0	136.9	226.6	348.3	486.8	628.9
3.75°	65.3	71.1	77.5	84.8	92.3	104.2	148.9	244.3	370.1	511.6	655.3
2.5°	65.5	71.6	78.1	85.5	93.0	107.6	157.6	257.1	385.7	529.5	674.3
1.25°	65.6	71.9	78.4	85.9	93.5	109.7	162.8	264.7	395.1	540.3	685.8
0°	65.6	72.1	78.5	86.1	93.6	110.4	164.5	267.3	398.3	544.0	689.6
-1.25°	65.6	71.9	78.4	85.9	93.5	109.7	162.8	264.7	395.1	540.3	685.8
-2.5°	65.5	71.6	78.1	85.5	93.0	107.6	157.6	257.1	385.7	529.5	674.3
-3.75°	65.3	71.1	77.5	84.8	92.3	104.2	148.9	244.3	370.1	511.6	655.3
-5°	65.0	70.4	76.7	83.9	91.3	102.0	136.9	226.6	348.3	486.8	628.9
-6.25°	64.7	69.4	75.8	82.7	90.1	99.8	127.2	204.0	320.6	455.1	595.4
-7.5°	64.4	68.3	74.6	81.2	88.5	97.2	119.4	182.6	287.6	416.9	555.0
-8.75°	63.9	67.0	73.2	79.5	86.7	94.2	110.2	159.8	254.0	374.3	508.0
-10°	63.4	65.5	71.6	77.7	84.7	91.8	102.1	133.7	215.7	327.5	454.7
-11.25°	62.8	64.9	69.8	75.8	82.4	89.4	98.1	120.1	180.1	277.6	395.7
-12.5°	62.2	64.3	67.8	73.7	79.9	86.7	93.6	106.7	146.6	228.4	335.7
-13.75°	61.5	63.6	65.6	71.5	77.3	83.9	90.6	99.4	122.4	181.6	273.7
-15°	60.9	62.8	64.8	69.0	74.8	80.7	87.3	93.9	106.1	140.8	214.1
-16.25°	60.5	61.9	63.9	66.4	72.0	77.6	83.8	90.2	98.2	117.1	164.2
-17.5°	60.1	61.1	63.0	64.9	69.1	74.6	80.2	86.4	92.5	101.5	125.1
-18.75°	59.6	60.6	62.0	63.9	66.1	71.4	76.6	82.3	88.3	94.4	104.2
-20°	59.1	60.1	61.0	62.8	64.6	68.0	73.1	78.2	83.9	89.5	96.0
-21.25°	58.6	59.5	60.5	61.7	63.5	65.2	69.5	74.4	79.3	84.8	90.2



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	58.1	59.0	59.9	60.8	62.3	64.0	65.8	70.5	75.2	80.0	85.1
-23.75°	57.5	58.4	59.3	60.2	61.0	62.7	64.3	66.5	71.0	75.4	80.0
-25°	57.0	57.8	58.7	59.5	60.4	61.3	62.9	64.5	66.8	71.0	75.2
-26.25°	56.4	57.2	58.1	58.9	59.7	60.5	61.5	63.0	64.5	66.5	70.5
-27.5°	55.8	56.6	57.4	58.2	59.0	59.8	60.5	61.5	62.9	64.3	65.8
-28.75°	55.1	56.0	56.8	57.5	58.3	59.0	59.8	60.5	61.3	62.7	64.0
-30°	54.5	55.3	56.1	56.8	57.6	58.3	59.0	59.7	60.4	61.0	62.3
-31.25°	53.8	54.6	55.3	56.1	56.8	57.5	58.2	58.9	59.5	60.2	60.8
-32.5°	53.2	53.9	54.6	55.3	56.1	56.8	57.4	58.1	58.7	59.3	59.9
-33.75°	52.5	53.2	53.9	54.6	55.3	56.0	56.6	57.2	57.8	58.4	59.0
-35°	51.9	52.5	53.2	53.8	54.5	55.1	55.8	56.4	57.0	57.5	58.1
-36.25°	51.4	51.8	52.4	53.1	53.7	54.3	54.9	55.5	56.1	56.7	57.2
-37.5°	50.8	51.3	51.8	52.3	52.9	53.5	54.1	54.6	55.2	55.7	56.3
-38.75°	50.5	50.8	51.2	51.7	52.1	52.7	53.2	53.8	54.3	54.8	55.3
-40°	50.5	50.5	50.7	51.1	51.5	51.9	52.4	52.9	53.4	53.9	54.3
-41.25°	50.5	50.5	50.5	50.5	50.9	51.3	51.7	52.0	52.5	53.0	53.4
-42.5°	50.5	50.5	50.5	50.5	50.5	50.7	51.0	51.4	51.7	52.1	52.5
-43.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	51.1	51.4	51.7
-45°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	51.0
-46.25°	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-47.5°	49.7	50.0	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-48.75°	49.1	49.4	49.8	50.1	50.4	50.5	50.5	50.5	50.5	50.5	50.5
-50°	47.7	48.7	49.2	49.5	49.8	50.1	50.4	50.5	50.5	50.5	50.5
-51.25°	46.0	47.0	47.9	48.7	49.2	49.5	49.7	50.0	50.2	50.5	50.5
-52.5°	44.4	45.2	46.1	47.0	47.8	48.6	49.1	49.4	49.6	49.8	50.0
-53.75°	42.9	43.7	44.4	45.2	45.9	46.7	47.4	48.1	48.8	49.2	49.4
-55°	41.5	42.2	42.9	43.5	44.2	44.8	45.5	46.2	46.9	47.5	48.1
-56.25°	39.7	40.7	41.4	42.0	42.6	43.2	43.8	44.3	44.9	45.5	46.1
-57.5°	37.4	38.4	39.4	40.3	41.1	41.6	42.2	42.7	43.2	43.7	44.1
-58.75°	35.1	36.0	37.0	37.9	38.8	39.6	40.5	41.0	41.5	42.0	42.4
-60°	32.7	33.7	34.6	35.4	36.3	37.1	37.9	38.6	39.4	40.1	40.7
-61.25°	30.4	31.3	32.1	33.0	33.8	34.6	35.3	36.0	36.7	37.4	38.0
-62.5°	28.1	28.9	29.7	30.5	31.3	32.0	32.7	33.4	34.1	34.7	35.3
-63.75°	26.0	26.7	27.4	28.1	28.8	29.5	30.1	30.8	31.4	32.0	32.6
-65°	23.9	24.6	25.3	25.9	26.5	27.1	27.7	28.2	28.8	29.3	29.9
-66.25°	22.1	22.6	23.1	23.7	24.3	24.8	25.4	25.9	26.4	26.9	27.3
-67.5°	20.3	20.8	21.3	21.8	22.2	22.7	23.1	23.6	24.0	24.5	24.9
-68.75°	18.6	19.0	19.4	19.9	20.3	20.7	21.2	21.5	21.9	22.3	22.6
-70°	17.4	17.7	18.0	18.3	18.6	18.8	19.2	19.6	19.9	20.2	20.6
-71.25°	16.1	16.4	16.7	17.0	17.2	17.5	17.7	18.0	18.2	18.4	18.6
-72.5°	15.4	15.5	15.6	15.7	15.9	16.2	16.4	16.6	16.8	17.0	17.2
-73.75°	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8
-75°	14.1	14.2	14.4	14.5	14.6	14.7	14.8	14.9	14.9	15.0	15.1
-76.25°	13.2	13.3	13.5	13.6	13.8	13.9	14.0	14.1	14.2	14.3	14.4
-77.5°	12.3	12.4	12.6	12.7	12.8	12.9	13.0	13.2	13.3	13.4	13.5



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	11.1	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.3	12.4	12.4
-80°	9.9	10.1	10.2	10.3	10.5	10.6	10.7	10.9	11.0	11.1	11.2
-81.25°	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8
-82.5°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4
-83.75°	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0
-85°	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.4
-86.25°	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.7	3.7
-87.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-88.75°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
86.25°	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1
85°	5.5	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.9	5.9	5.9
83.75°	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5
82.5°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.0
81.25°	9.9	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4	10.4	10.5
80°	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8	11.9	11.9	12.0
78.75°	12.5	12.6	12.7	12.7	12.8	12.9	12.9	13.0	13.0	13.0	13.1
77.5°	13.5	13.6	13.7	13.8	13.9	13.9	14.0	14.0	14.1	14.1	14.2
76.25°	14.5	14.5	14.6	14.7	14.7	14.8	14.8	14.9	14.9	14.9	15.0
75°	15.2	15.2	15.3	15.4	15.4	15.5	15.5	15.6	15.6	15.7	15.7
73.75°	15.9	16.1	16.3	16.4	16.5	16.6	16.8	16.9	17.0	17.0	17.1
72.5°	17.4	17.6	17.7	17.9	18.0	18.1	18.3	18.4	18.5	18.6	18.6
71.25°	18.8	19.0	19.3	19.5	19.8	20.0	20.1	20.3	20.5	20.6	20.7
70°	20.9	21.1	21.4	21.7	21.9	22.1	22.3	22.5	22.7	22.8	23.0
68.75°	22.9	23.2	23.6	23.9	24.2	24.4	24.7	24.9	25.1	25.3	25.5
67.5°	25.3	25.7	26.0	26.4	26.7	27.0	27.3	27.5	27.7	27.9	28.1
66.25°	27.7	28.1	28.5	28.9	29.3	29.6	30.0	30.3	30.5	30.8	31.0
65°	30.4	30.9	31.3	31.7	32.1	32.5	32.9	33.2	33.5	33.7	34.0
63.75°	33.1	33.6	34.1	34.6	35.0	35.4	35.8	36.1	36.4	36.7	36.9
62.5°	35.9	36.4	36.9	37.4	37.9	38.3	38.7	39.0	39.3	39.6	39.9
61.25°	38.6	39.2	39.7	40.2	40.7	41.0	41.2	41.5	41.7	41.9	42.0
60°	41.1	41.5	41.9	42.2	42.5	42.8	43.1	43.3	43.5	43.7	43.9
58.75°	42.8	43.2	43.6	44.0	44.3	44.6	45.0	45.3	45.6	45.8	46.0
57.5°	44.6	45.1	45.5	46.0	46.4	46.8	47.1	47.4	47.7	48.0	48.2
56.25°	46.6	47.1	47.6	48.1	48.5	48.9	49.1	49.2	49.3	49.4	49.5
55°	48.7	49.1	49.2	49.4	49.5	49.7	49.8	49.9	50.0	50.1	50.2
53.75°	49.6	49.8	49.9	50.1	50.3	50.4	50.5	50.5	50.5	50.5	50.5
52.5°	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
51.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
50°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
48.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	50.8	50.9
47.5°	50.5	50.5	50.5	50.6	50.8	51.0	51.1	51.3	51.5	51.6	51.7
46.25°	50.6	50.8	51.1	51.3	51.5	51.7	51.9	52.1	52.3	52.5	52.6
45°	51.3	51.6	51.8	52.0	52.3	52.6	52.9	53.1	53.3	53.5	53.7
43.75°	52.0	52.3	52.7	53.0	53.3	53.6	53.9	54.2	54.4	54.6	54.8
42.5°	52.9	53.3	53.7	54.0	54.4	54.7	55.0	55.3	55.5	55.7	55.9
41.25°	53.8	54.3	54.7	55.0	55.4	55.7	56.1	56.3	56.6	56.8	57.0
40°	54.8	55.3	55.7	56.1	56.5	56.8	57.1	57.4	57.7	57.9	58.1
38.75°	55.8	56.3	56.7	57.1	57.5	57.8	58.1	58.4	58.7	59.0	59.2
37.5°	56.8	57.2	57.7	58.1	58.5	58.8	59.2	59.5	59.8	60.1	60.3
36.25°	57.7	58.2	58.6	59.1	59.5	59.9	60.2	60.6	60.9	61.2	61.7
35°	58.6	59.1	59.6	60.1	60.5	60.9	61.5	62.2	62.8	63.4	63.9



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	59.5	60.1	60.6	61.1	61.9	62.8	63.6	64.3	64.9	65.5	67.0
32.5°	60.5	61.0	62.0	63.0	63.9	64.8	65.6	67.8	69.8	71.6	73.2
31.25°	61.7	62.8	63.9	64.9	66.4	69.0	71.5	73.7	75.8	77.7	79.5
30°	63.5	64.6	66.1	69.1	72.0	74.8	77.3	79.9	82.4	84.7	86.7
28.75°	65.2	68.0	71.4	74.6	77.6	80.7	83.9	86.7	89.4	91.8	94.2
27.5°	69.5	73.1	76.6	80.2	83.8	87.3	90.6	93.6	98.1	102.1	110.2
26.25°	74.4	78.2	82.3	86.4	90.2	93.9	99.4	106.7	120.1	133.7	159.8
25°	79.3	83.9	88.3	92.5	98.2	106.1	122.4	146.6	180.1	215.7	254.0
23.75°	84.8	89.5	94.4	101.5	117.1	140.8	181.6	228.4	277.6	327.5	374.3
22.5°	90.2	96.0	104.2	125.1	164.2	214.1	273.7	335.7	395.7	454.7	508.0
21.25°	96.5	107.3	129.9	179.9	242.2	311.1	383.6	455.8	523.9	586.3	642.6
20°	107.3	131.9	187.8	259.2	338.2	419.9	502.0	579.1	650.7	706.1	742.4
18.75°	129.9	187.8	264.9	351.8	442.7	533.2	619.2	696.1	742.2	784.6	823.1
17.5°	179.9	259.2	351.8	450.4	549.0	643.6	716.5	768.5	817.2	862.1	896.0
16.25°	242.2	338.2	442.7	549.0	651.8	726.9	784.6	839.2	886.1	924.4	966.6
15°	311.1	419.9	533.2	643.6	726.9	790.0	850.4	900.1	947.7	997.3	1049.1
13.75°	383.6	502.0	619.2	716.5	784.6	850.4	904.8	959.6	1018.6	1080.2	1154.4
12.5°	455.8	579.1	696.1	768.5	839.2	900.1	959.6	1025.8	1100.4	1188.2	1305.9
11.25°	523.9	650.7	742.2	817.2	886.1	947.7	1018.6	1100.4	1204.0	1339.2	1495.3
10°	586.3	706.1	784.6	862.1	924.4	997.3	1080.2	1188.2	1339.2	1517.3	1729.1
8.75°	642.6	742.4	823.1	896.0	966.6	1049.1	1154.4	1305.9	1495.3	1729.1	2009.3
7.5°	691.3	774.6	857.3	925.4	1006.0	1103.0	1240.7	1430.2	1668.5	1967.6	2346.1
6.25°	717.4	802.4	883.1	956.2	1043.9	1157.7	1328.1	1550.4	1845.0	2225.1	2732.6
5°	739.2	825.5	903.0	982.0	1076.2	1214.4	1416.8	1680.3	2026.5	2496.9	3143.4
3.75°	756.3	843.8	918.7	1003.6	1110.1	1268.8	1490.3	1784.8	2191.3	2772.7	3559.3
2.5°	768.6	857.0	931.2	1020.6	1134.8	1308.4	1545.7	1879.9	2339.2	2998.6	3879.8
1.25°	776.1	864.9	939.5	1030.9	1149.7	1332.5	1588.3	1939.9	2430.0	3138.0	4097.3
0°	778.6	867.6	942.3	1034.4	1154.7	1340.6	1602.6	1960.1	2460.6	3185.2	4174.9
-1.25°	776.1	864.9	939.5	1030.9	1149.7	1332.5	1588.3	1939.9	2430.0	3138.0	4097.3
-2.5°	768.6	857.0	931.2	1020.6	1134.8	1308.4	1545.7	1879.9	2339.2	2998.6	3879.8
-3.75°	756.3	843.8	918.7	1003.6	1110.1	1268.8	1490.3	1784.8	2191.3	2772.7	3559.3
-5°	739.2	825.5	903.0	982.0	1076.2	1214.4	1416.8	1680.3	2026.5	2496.9	3143.4
-6.25°	717.4	802.4	883.1	956.2	1043.9	1157.7	1328.1	1550.4	1845.0	2225.1	2732.6
-7.5°	691.3	774.6	857.3	925.4	1006.0	1103.0	1240.7	1430.2	1668.5	1967.6	2346.1
-8.75°	642.6	742.4	823.1	896.0	966.6	1049.1	1154.4	1305.9	1495.3	1729.1	2009.3
-10°	586.3	706.1	784.6	862.1	924.4	997.3	1080.2	1188.2	1339.2	1517.3	1729.1
-11.25°	523.9	650.7	742.2	817.2	886.1	947.7	1018.6	1100.4	1204.0	1339.2	1495.3
-12.5°	455.8	579.1	696.1	768.5	839.2	900.1	959.6	1025.8	1100.4	1188.2	1305.9
-13.75°	383.6	502.0	619.2	716.5	784.6	850.4	904.8	959.6	1018.6	1080.2	1154.4
-15°	311.1	419.9	533.2	643.6	726.9	790.0	850.4	900.1	947.7	997.3	1049.1
-16.25°	242.2	338.2	442.7	549.0	651.8	726.9	784.6	839.2	886.1	924.4	966.6
-17.5°	179.9	259.2	351.8	450.4	549.0	643.6	716.5	768.5	817.2	862.1	896.0
-18.75°	129.9	187.8	264.9	351.8	442.7	533.2	619.2	696.1	742.2	784.6	823.1
-20°	107.3	131.9	187.8	259.2	338.2	419.9	502.0	579.1	650.7	706.1	742.4
-21.25°	96.5	107.3	129.9	179.9	242.2	311.1	383.6	455.8	523.9	586.3	642.6



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	90.2	96.0	104.2	125.1	164.2	214.1	273.7	335.7	395.7	454.7	508.0
-23.75°	84.8	89.5	94.4	101.5	117.1	140.8	181.6	228.4	277.6	327.5	374.3
-25°	79.3	83.9	88.3	92.5	98.2	106.1	122.4	146.6	180.1	215.7	254.0
-26.25°	74.4	78.2	82.3	86.4	90.2	93.9	99.4	106.7	120.1	133.7	159.8
-27.5°	69.5	73.1	76.6	80.2	83.8	87.3	90.6	93.6	98.1	102.1	110.2
-28.75°	65.2	68.0	71.4	74.6	77.6	80.7	83.9	86.7	89.4	91.8	94.2
-30°	63.5	64.6	66.1	69.1	72.0	74.8	77.3	79.9	82.4	84.7	86.7
-31.25°	61.7	62.8	63.9	64.9	66.4	69.0	71.5	73.7	75.8	77.7	79.5
-32.5°	60.5	61.0	62.0	63.0	63.9	64.8	65.6	67.8	69.8	71.6	73.2
-33.75°	59.5	60.1	60.6	61.1	61.9	62.8	63.6	64.3	64.9	65.5	67.0
-35°	58.6	59.1	59.6	60.1	60.5	60.9	61.5	62.2	62.8	63.4	63.9
-36.25°	57.7	58.2	58.6	59.1	59.5	59.9	60.2	60.6	60.9	61.2	61.7
-37.5°	56.8	57.2	57.7	58.1	58.5	58.8	59.2	59.5	59.8	60.1	60.3
-38.75°	55.8	56.3	56.7	57.1	57.5	57.8	58.1	58.4	58.7	59.0	59.2
-40°	54.8	55.3	55.7	56.1	56.5	56.8	57.1	57.4	57.7	57.9	58.1
-41.25°	53.8	54.3	54.7	55.0	55.4	55.7	56.1	56.3	56.6	56.8	57.0
-42.5°	52.9	53.3	53.7	54.0	54.4	54.7	55.0	55.3	55.5	55.7	55.9
-43.75°	52.0	52.3	52.7	53.0	53.3	53.6	53.9	54.2	54.4	54.6	54.8
-45°	51.3	51.6	51.8	52.0	52.3	52.6	52.9	53.1	53.3	53.5	53.7
-46.25°	50.6	50.8	51.1	51.3	51.5	51.7	51.9	52.1	52.3	52.5	52.6
-47.5°	50.5	50.5	50.5	50.6	50.8	51.0	51.1	51.3	51.5	51.6	51.7
-48.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7	50.8	50.9
-50°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-51.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-52.5°	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-53.75°	49.6	49.8	49.9	50.1	50.3	50.4	50.5	50.5	50.5	50.5	50.5
-55°	48.7	49.1	49.2	49.4	49.5	49.7	49.8	49.9	50.0	50.1	50.2
-56.25°	46.6	47.1	47.6	48.1	48.5	48.9	49.1	49.2	49.3	49.4	49.5
-57.5°	44.6	45.1	45.5	46.0	46.4	46.8	47.1	47.4	47.7	48.0	48.2
-58.75°	42.8	43.2	43.6	44.0	44.3	44.6	45.0	45.3	45.6	45.8	46.0
-60°	41.1	41.5	41.9	42.2	42.5	42.8	43.1	43.3	43.5	43.7	43.9
-61.25°	38.6	39.2	39.7	40.2	40.7	41.0	41.2	41.5	41.7	41.9	42.0
-62.5°	35.9	36.4	36.9	37.4	37.9	38.3	38.7	39.0	39.3	39.6	39.9
-63.75°	33.1	33.6	34.1	34.6	35.0	35.4	35.8	36.1	36.4	36.7	36.9
-65°	30.4	30.9	31.3	31.7	32.1	32.5	32.9	33.2	33.5	33.7	34.0
-66.25°	27.7	28.1	28.5	28.9	29.3	29.6	30.0	30.3	30.5	30.8	31.0
-67.5°	25.3	25.7	26.0	26.4	26.7	27.0	27.3	27.5	27.7	27.9	28.1
-68.75°	22.9	23.2	23.6	23.9	24.2	24.4	24.7	24.9	25.1	25.3	25.5
-70°	20.9	21.1	21.4	21.7	21.9	22.1	22.3	22.5	22.7	22.8	23.0
-71.25°	18.8	19.0	19.3	19.5	19.8	20.0	20.1	20.3	20.5	20.6	20.7
-72.5°	17.4	17.6	17.7	17.9	18.0	18.1	18.3	18.4	18.5	18.6	18.6
-73.75°	15.9	16.1	16.3	16.4	16.5	16.6	16.8	16.9	17.0	17.0	17.1
-75°	15.2	15.2	15.3	15.4	15.4	15.5	15.5	15.6	15.6	15.7	15.7
-76.25°	14.5	14.5	14.6	14.7	14.7	14.8	14.8	14.9	14.9	14.9	15.0
-77.5°	13.5	13.6	13.7	13.8	13.9	13.9	14.0	14.0	14.1	14.1	14.2



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	12.5	12.6	12.7	12.7	12.8	12.9	12.9	13.0	13.0	13.0	13.1
-80°	11.3	11.4	11.5	11.5	11.6	11.7	11.8	11.8	11.9	11.9	12.0
-81.25°	9.9	10.0	10.0	10.1	10.2	10.2	10.3	10.3	10.4	10.4	10.5
-82.5°	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.0
-83.75°	7.0	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.4	7.5
-85°	5.5	5.6	5.6	5.7	5.7	5.7	5.8	5.8	5.9	5.9	5.9
-86.25°	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1
-87.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
86.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1
85°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
83.75°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
82.5°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
81.25°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
80°	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
78.75°	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
77.5°	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
76.25°	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.0	15.0	15.0	15.0
75°	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
73.75°	17.2	17.2	17.3	17.3	17.3	17.3	17.4	17.3	17.3	17.3	17.3
72.5°	18.7	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.8
71.25°	20.9	20.9	21.0	21.1	21.1	21.1	21.2	21.1	21.1	21.1	21.0
70°	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.3	23.3
68.75°	25.6	25.8	25.9	25.9	26.0	26.0	26.1	26.0	26.0	25.9	25.9
67.5°	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.5
66.25°	31.2	31.3	31.5	31.6	31.6	31.7	31.7	31.7	31.6	31.6	31.5
65°	34.2	34.3	34.5	34.6	34.6	34.7	34.7	34.7	34.6	34.6	34.5
63.75°	37.1	37.3	37.4	37.6	37.6	37.7	37.7	37.7	37.6	37.6	37.4
62.5°	40.1	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.6	40.5	40.4
61.25°	42.2	42.3	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.5	42.4
60°	44.1	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.4	44.3
58.75°	46.2	46.4	46.5	46.6	46.7	46.7	46.8	46.7	46.7	46.6	46.5
57.5°	48.4	48.6	48.8	48.9	48.9	49.0	49.0	49.0	48.9	48.9	48.8
56.25°	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.7	49.7	49.7	49.7
55°	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.4	50.4
53.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
52.5°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
51.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
50°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
48.75°	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.2	51.2
47.5°	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.0	52.0
46.25°	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.1	53.0
45°	53.9	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.2	54.1
43.75°	55.0	55.1	55.2	55.3	55.4	55.4	55.5	55.4	55.4	55.3	55.2
42.5°	56.1	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.5	56.5	56.4
41.25°	57.2	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.6	57.6	57.5
40°	58.3	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.7	58.7	58.6
38.75°	59.4	59.6	59.7	59.8	59.9	59.9	60.0	59.9	59.9	59.8	59.7
37.5°	60.5	60.7	60.8	61.0	61.0	61.1	61.1	61.1	61.0	61.0	60.8
36.25°	62.2	62.5	62.8	63.0	63.2	63.3	63.4	63.3	63.2	63.0	62.8
35°	64.4	64.7	65.0	65.3	65.5	65.6	65.6	65.6	65.5	65.3	65.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	68.3	69.4	70.4	71.1	71.6	71.9	72.1	71.9	71.6	71.1	70.4
32.5°	74.6	75.8	76.7	77.5	78.1	78.4	78.5	78.4	78.1	77.5	76.7
31.25°	81.2	82.7	83.9	84.8	85.5	85.9	86.1	85.9	85.5	84.8	83.9
30°	88.5	90.1	91.3	92.3	93.0	93.5	93.6	93.5	93.0	92.3	91.3
28.75°	97.2	99.8	102.0	104.2	107.6	109.7	110.4	109.7	107.6	104.2	102.0
27.5°	119.4	127.2	136.9	148.9	157.6	162.8	164.5	162.8	157.6	148.9	136.9
26.25°	182.6	204.0	226.6	244.3	257.1	264.7	267.3	264.7	257.1	244.3	226.6
25°	287.6	320.6	348.3	370.1	385.7	395.1	398.3	395.1	385.7	370.1	348.3
23.75°	416.9	455.1	486.8	511.6	529.5	540.3	544.0	540.3	529.5	511.6	486.8
22.5°	555.0	595.4	628.9	655.3	674.3	685.8	689.6	685.8	674.3	655.3	628.9
21.25°	691.3	717.4	739.2	756.3	768.6	776.1	778.6	776.1	768.6	756.3	739.2
20°	774.6	802.4	825.5	843.8	857.0	864.9	867.6	864.9	857.0	843.8	825.5
18.75°	857.3	883.1	903.0	918.7	931.2	939.5	942.3	939.5	931.2	918.7	903.0
17.5°	925.4	956.2	982.0	1003.6	1020.6	1030.9	1034.4	1030.9	1020.6	1003.6	982.0
16.25°	1006.0	1043.9	1076.2	1110.1	1134.8	1149.7	1154.7	1149.7	1134.8	1110.1	1076.2
15°	1103.0	1157.7	1214.4	1268.8	1308.4	1332.5	1340.6	1332.5	1308.4	1268.8	1214.4
13.75°	1240.7	1328.1	1416.8	1490.3	1545.7	1588.3	1602.6	1588.3	1545.7	1490.3	1416.8
12.5°	1430.2	1550.4	1680.3	1784.8	1879.9	1939.9	1960.1	1939.9	1879.9	1784.8	1680.3
11.25°	1668.5	1845.0	2026.5	2191.3	2339.2	2430.0	2460.6	2430.0	2339.2	2191.3	2026.5
10°	1967.6	2225.1	2496.9	2772.7	2998.6	3138.0	3185.2	3138.0	2998.6	2772.7	2496.9
8.75°	2346.1	2732.6	3143.4	3559.3	3879.8	4097.3	4174.9	4097.3	3879.8	3559.3	3143.4
7.5°	2822.9	3376.6	3950.2	4500.2	4926.2	5209.4	5306.4	5209.4	4926.2	4500.2	3950.2
6.25°	3376.6	4104.4	4837.4	5509.1	6029.6	6361.9	6476.9	6361.9	6029.6	5509.1	4837.4
5°	3950.2	4837.4	5714.8	6479.5	7076.1	7463.6	7600.2	7463.6	7076.1	6479.5	5714.8
3.75°	4500.2	5509.1	6479.5	7331.9	7984.1	8407.8	8538.2	8407.8	7984.1	7331.9	6479.5
2.5°	4926.2	6029.6	7076.1	7984.1	8676.5	9118.9	9260.0	9118.9	8676.5	7984.1	7076.1
1.25°	5209.4	6361.9	7463.6	8407.8	9118.9	9569.2	9725.5	9569.2	9118.9	8407.8	7463.6
0°	5306.4	6476.9	7600.2	8538.2	9260.0	9725.5	9930.7	9725.5	9260.0	8538.2	7600.2
-1.25°	5209.4	6361.9	7463.6	8407.8	9118.9	9569.2	9725.5	9569.2	9118.9	8407.8	7463.6
-2.5°	4926.2	6029.6	7076.1	7984.1	8676.5	9118.9	9260.0	9118.9	8676.5	7984.1	7076.1
-3.75°	4500.2	5509.1	6479.5	7331.9	7984.1	8407.8	8538.2	8407.8	7984.1	7331.9	6479.5
-5°	3950.2	4837.4	5714.8	6479.5	7076.1	7463.6	7600.2	7463.6	7076.1	6479.5	5714.8
-6.25°	3376.6	4104.4	4837.4	5509.1	6029.6	6361.9	6476.9	6361.9	6029.6	5509.1	4837.4
-7.5°	2822.9	3376.6	3950.2	4500.2	4926.2	5209.4	5306.4	5209.4	4926.2	4500.2	3950.2
-8.75°	2346.1	2732.6	3143.4	3559.3	3879.8	4097.3	4174.9	4097.3	3879.8	3559.3	3143.4
-10°	1967.6	2225.1	2496.9	2772.7	2998.6	3138.0	3185.2	3138.0	2998.6	2772.7	2496.9
-11.25°	1668.5	1845.0	2026.5	2191.3	2339.2	2430.0	2460.6	2430.0	2339.2	2191.3	2026.5
-12.5°	1430.2	1550.4	1680.3	1784.8	1879.9	1939.9	1960.1	1939.9	1879.9	1784.8	1680.3
-13.75°	1240.7	1328.1	1416.8	1490.3	1545.7	1588.3	1602.6	1588.3	1545.7	1490.3	1416.8
-15°	1103.0	1157.7	1214.4	1268.8	1308.4	1332.5	1340.6	1332.5	1308.4	1268.8	1214.4
-16.25°	1006.0	1043.9	1076.2	1110.1	1134.8	1149.7	1154.7	1149.7	1134.8	1110.1	1076.2
-17.5°	925.4	956.2	982.0	1003.6	1020.6	1030.9	1034.4	1030.9	1020.6	1003.6	982.0
-18.75°	857.3	883.1	903.0	918.7	931.2	939.5	942.3	939.5	931.2	918.7	903.0
-20°	774.6	802.4	825.5	843.8	857.0	864.9	867.6	864.9	857.0	843.8	825.5
-21.25°	691.3	717.4	739.2	756.3	768.6	776.1	778.6	776.1	768.6	756.3	739.2



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	555.0	595.4	628.9	655.3	674.3	685.8	689.6	685.8	674.3	655.3	628.9
-23.75°	416.9	455.1	486.8	511.6	529.5	540.3	544.0	540.3	529.5	511.6	486.8
-25°	287.6	320.6	348.3	370.1	385.7	395.1	398.3	395.1	385.7	370.1	348.3
-26.25°	182.6	204.0	226.6	244.3	257.1	264.7	267.3	264.7	257.1	244.3	226.6
-27.5°	119.4	127.2	136.9	148.9	157.6	162.8	164.5	162.8	157.6	148.9	136.9
-28.75°	97.2	99.8	102.0	104.2	107.6	109.7	110.4	109.7	107.6	104.2	102.0
-30°	88.5	90.1	91.3	92.3	93.0	93.5	93.6	93.5	93.0	92.3	91.3
-31.25°	81.2	82.7	83.9	84.8	85.5	85.9	86.1	85.9	85.5	84.8	83.9
-32.5°	74.6	75.8	76.7	77.5	78.1	78.4	78.5	78.4	78.1	77.5	76.7
-33.75°	68.3	69.4	70.4	71.1	71.6	71.9	72.1	71.9	71.6	71.1	70.4
-35°	64.4	64.7	65.0	65.3	65.5	65.6	65.6	65.6	65.5	65.3	65.0
-36.25°	62.2	62.5	62.8	63.0	63.2	63.3	63.4	63.3	63.2	63.0	62.8
-37.5°	60.5	60.7	60.8	61.0	61.0	61.1	61.1	61.1	61.0	61.0	60.8
-38.75°	59.4	59.6	59.7	59.8	59.9	59.9	60.0	59.9	59.9	59.8	59.7
-40°	58.3	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.7	58.7	58.6
-41.25°	57.2	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.6	57.6	57.5
-42.5°	56.1	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.5	56.5	56.4
-43.75°	55.0	55.1	55.2	55.3	55.4	55.4	55.5	55.4	55.4	55.3	55.2
-45°	53.9	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.2	54.1
-46.25°	52.8	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.1	53.0
-47.5°	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.0	52.0
-48.75°	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.2	51.2
-50°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-51.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-52.5°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-53.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-55°	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.4	50.4
-56.25°	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.7	49.7	49.7	49.7
-57.5°	48.4	48.6	48.8	48.9	48.9	49.0	49.0	49.0	48.9	48.9	48.8
-58.75°	46.2	46.4	46.5	46.6	46.7	46.7	46.8	46.7	46.7	46.6	46.5
-60°	44.1	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.4	44.3
-61.25°	42.2	42.3	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.5	42.4
-62.5°	40.1	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.6	40.5	40.4
-63.75°	37.1	37.3	37.4	37.6	37.6	37.7	37.7	37.7	37.6	37.6	37.4
-65°	34.2	34.3	34.5	34.6	34.6	34.7	34.7	34.7	34.6	34.6	34.5
-66.25°	31.2	31.3	31.5	31.6	31.6	31.7	31.7	31.7	31.6	31.6	31.5
-67.5°	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.6	28.5
-68.75°	25.6	25.8	25.9	25.9	26.0	26.0	26.1	26.0	26.0	25.9	25.9
-70°	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.3	23.3
-71.25°	20.9	20.9	21.0	21.1	21.1	21.1	21.2	21.1	21.1	21.1	21.0
-72.5°	18.7	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.8
-73.75°	17.2	17.2	17.3	17.3	17.3	17.3	17.4	17.3	17.3	17.3	17.3
-75°	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
-76.25°	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.0	15.0	15.0	15.0
-77.5°	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
-80°	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
-81.25°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
-82.5°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-83.75°	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
-85°	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-86.25°	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
86.25°	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9
85°	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.6
83.75°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.2	7.1
82.5°	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6
81.25°	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0
80°	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.5
78.75°	13.1	13.1	13.1	13.0	13.0	13.0	12.9	12.9	12.8	12.7	12.7
77.5°	14.2	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.7
76.25°	15.0	15.0	15.0	14.9	14.9	14.9	14.8	14.8	14.7	14.7	14.6
75°	15.7	15.7	15.7	15.7	15.6	15.6	15.5	15.5	15.4	15.4	15.3
73.75°	17.2	17.2	17.1	17.0	17.0	16.9	16.8	16.6	16.5	16.4	16.3
72.5°	18.8	18.7	18.6	18.6	18.5	18.4	18.3	18.1	18.0	17.9	17.7
71.25°	20.9	20.9	20.7	20.6	20.5	20.3	20.1	20.0	19.8	19.5	19.3
70°	23.2	23.1	23.0	22.8	22.7	22.5	22.3	22.1	21.9	21.7	21.4
68.75°	25.8	25.6	25.5	25.3	25.1	24.9	24.7	24.4	24.2	23.9	23.6
67.5°	28.4	28.3	28.1	27.9	27.7	27.5	27.3	27.0	26.7	26.4	26.0
66.25°	31.3	31.2	31.0	30.8	30.5	30.3	30.0	29.6	29.3	28.9	28.5
65°	34.3	34.2	34.0	33.7	33.5	33.2	32.9	32.5	32.1	31.7	31.3
63.75°	37.3	37.1	36.9	36.7	36.4	36.1	35.8	35.4	35.0	34.6	34.1
62.5°	40.3	40.1	39.9	39.6	39.3	39.0	38.7	38.3	37.9	37.4	36.9
61.25°	42.3	42.2	42.0	41.9	41.7	41.5	41.2	41.0	40.7	40.2	39.7
60°	44.2	44.1	43.9	43.7	43.5	43.3	43.1	42.8	42.5	42.2	41.9
58.75°	46.4	46.2	46.0	45.8	45.6	45.3	45.0	44.6	44.3	44.0	43.6
57.5°	48.6	48.4	48.2	48.0	47.7	47.4	47.1	46.8	46.4	46.0	45.5
56.25°	49.6	49.6	49.5	49.4	49.3	49.2	49.1	48.9	48.5	48.1	47.6
55°	50.4	50.3	50.2	50.1	50.0	49.9	49.8	49.7	49.5	49.4	49.2
53.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.4	50.3	50.1	49.9
52.5°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
51.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
50°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
48.75°	51.1	51.0	50.9	50.8	50.7	50.5	50.5	50.5	50.5	50.5	50.5
47.5°	51.9	51.8	51.7	51.6	51.5	51.3	51.1	51.0	50.8	50.6	50.5
46.25°	52.9	52.8	52.6	52.5	52.3	52.1	51.9	51.7	51.5	51.3	51.1
45°	54.0	53.9	53.7	53.5	53.3	53.1	52.9	52.6	52.3	52.0	51.8
43.75°	55.1	55.0	54.8	54.6	54.4	54.2	53.9	53.6	53.3	53.0	52.7
42.5°	56.3	56.1	55.9	55.7	55.5	55.3	55.0	54.7	54.4	54.0	53.7
41.25°	57.4	57.2	57.0	56.8	56.6	56.3	56.1	55.7	55.4	55.0	54.7
40°	58.4	58.3	58.1	57.9	57.7	57.4	57.1	56.8	56.5	56.1	55.7
38.75°	59.6	59.4	59.2	59.0	58.7	58.4	58.1	57.8	57.5	57.1	56.7
37.5°	60.7	60.5	60.3	60.1	59.8	59.5	59.2	58.8	58.5	58.1	57.7
36.25°	62.5	62.2	61.7	61.2	60.9	60.6	60.2	59.9	59.5	59.1	58.6
35°	64.7	64.4	63.9	63.4	62.8	62.2	61.5	60.9	60.5	60.1	59.6



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	69.4	68.3	67.0	65.5	64.9	64.3	63.6	62.8	61.9	61.1	60.6
32.5°	75.8	74.6	73.2	71.6	69.8	67.8	65.6	64.8	63.9	63.0	62.0
31.25°	82.7	81.2	79.5	77.7	75.8	73.7	71.5	69.0	66.4	64.9	63.9
30°	90.1	88.5	86.7	84.7	82.4	79.9	77.3	74.8	72.0	69.1	66.1
28.75°	99.8	97.2	94.2	91.8	89.4	86.7	83.9	80.7	77.6	74.6	71.4
27.5°	127.2	119.4	110.2	102.1	98.1	93.6	90.6	87.3	83.8	80.2	76.6
26.25°	204.0	182.6	159.8	133.7	120.1	106.7	99.4	93.9	90.2	86.4	82.3
25°	320.6	287.6	254.0	215.7	180.1	146.6	122.4	106.1	98.2	92.5	88.3
23.75°	455.1	416.9	374.3	327.5	277.6	228.4	181.6	140.8	117.1	101.5	94.4
22.5°	595.4	555.0	508.0	454.7	395.7	335.7	273.7	214.1	164.2	125.1	104.2
21.25°	717.4	691.3	642.6	586.3	523.9	455.8	383.6	311.1	242.2	179.9	129.9
20°	802.4	774.6	742.4	706.1	650.7	579.1	502.0	419.9	338.2	259.2	187.8
18.75°	883.1	857.3	823.1	784.6	742.2	696.1	619.2	533.2	442.7	351.8	264.9
17.5°	956.2	925.4	896.0	862.1	817.2	768.5	716.5	643.6	549.0	450.4	351.8
16.25°	1043.9	1006.0	966.6	924.4	886.1	839.2	784.6	726.9	651.8	549.0	442.7
15°	1157.7	1103.0	1049.1	997.3	947.7	900.1	850.4	790.0	726.9	643.6	533.2
13.75°	1328.1	1240.7	1154.4	1080.2	1018.6	959.6	904.8	850.4	784.6	716.5	619.2
12.5°	1550.4	1430.2	1305.9	1188.2	1100.4	1025.8	959.6	900.1	839.2	768.5	696.1
11.25°	1845.0	1668.5	1495.3	1339.2	1204.0	1100.4	1018.6	947.7	886.1	817.2	742.2
10°	2225.1	1967.6	1729.1	1517.3	1339.2	1188.2	1080.2	997.3	924.4	862.1	784.6
8.75°	2732.6	2346.1	2009.3	1729.1	1495.3	1305.9	1154.4	1049.1	966.6	896.0	823.1
7.5°	3376.6	2822.9	2346.1	1967.6	1668.5	1430.2	1240.7	1103.0	1006.0	925.4	857.3
6.25°	4104.4	3376.6	2732.6	2225.1	1845.0	1550.4	1328.1	1157.7	1043.9	956.2	883.1
5°	4837.4	3950.2	3143.4	2496.9	2026.5	1680.3	1416.8	1214.4	1076.2	982.0	903.0
3.75°	5509.1	4500.2	3559.3	2772.7	2191.3	1784.8	1490.3	1268.8	1110.1	1003.6	918.7
2.5°	6029.6	4926.2	3879.8	2998.6	2339.2	1879.9	1545.7	1308.4	1134.8	1020.6	931.2
1.25°	6361.9	5209.4	4097.3	3138.0	2430.0	1939.9	1588.3	1332.5	1149.7	1030.9	939.5
0°	6476.9	5306.4	4174.9	3185.2	2460.6	1960.1	1602.6	1340.6	1154.7	1034.4	942.3
-1.25°	6361.9	5209.4	4097.3	3138.0	2430.0	1939.9	1588.3	1332.5	1149.7	1030.9	939.5
-2.5°	6029.6	4926.2	3879.8	2998.6	2339.2	1879.9	1545.7	1308.4	1134.8	1020.6	931.2
-3.75°	5509.1	4500.2	3559.3	2772.7	2191.3	1784.8	1490.3	1268.8	1110.1	1003.6	918.7
-5°	4837.4	3950.2	3143.4	2496.9	2026.5	1680.3	1416.8	1214.4	1076.2	982.0	903.0
-6.25°	4104.4	3376.6	2732.6	2225.1	1845.0	1550.4	1328.1	1157.7	1043.9	956.2	883.1
-7.5°	3376.6	2822.9	2346.1	1967.6	1668.5	1430.2	1240.7	1103.0	1006.0	925.4	857.3
-8.75°	2732.6	2346.1	2009.3	1729.1	1495.3	1305.9	1154.4	1049.1	966.6	896.0	823.1
-10°	2225.1	1967.6	1729.1	1517.3	1339.2	1188.2	1080.2	997.3	924.4	862.1	784.6
-11.25°	1845.0	1668.5	1495.3	1339.2	1204.0	1100.4	1018.6	947.7	886.1	817.2	742.2
-12.5°	1550.4	1430.2	1305.9	1188.2	1100.4	1025.8	959.6	900.1	839.2	768.5	696.1
-13.75°	1328.1	1240.7	1154.4	1080.2	1018.6	959.6	904.8	850.4	784.6	716.5	619.2
-15°	1157.7	1103.0	1049.1	997.3	947.7	900.1	850.4	790.0	726.9	643.6	533.2
-16.25°	1043.9	1006.0	966.6	924.4	886.1	839.2	784.6	726.9	651.8	549.0	442.7
-17.5°	956.2	925.4	896.0	862.1	817.2	768.5	716.5	643.6	549.0	450.4	351.8
-18.75°	883.1	857.3	823.1	784.6	742.2	696.1	619.2	533.2	442.7	351.8	264.9
-20°	802.4	774.6	742.4	706.1	650.7	579.1	502.0	419.9	338.2	259.2	187.8
-21.25°	717.4	691.3	642.6	586.3	523.9	455.8	383.6	311.1	242.2	179.9	129.9



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	595.4	555.0	508.0	454.7	395.7	335.7	273.7	214.1	164.2	125.1	104.2
-23.75°	455.1	416.9	374.3	327.5	277.6	228.4	181.6	140.8	117.1	101.5	94.4
-25°	320.6	287.6	254.0	215.7	180.1	146.6	122.4	106.1	98.2	92.5	88.3
-26.25°	204.0	182.6	159.8	133.7	120.1	106.7	99.4	93.9	90.2	86.4	82.3
-27.5°	127.2	119.4	110.2	102.1	98.1	93.6	90.6	87.3	83.8	80.2	76.6
-28.75°	99.8	97.2	94.2	91.8	89.4	86.7	83.9	80.7	77.6	74.6	71.4
-30°	90.1	88.5	86.7	84.7	82.4	79.9	77.3	74.8	72.0	69.1	66.1
-31.25°	82.7	81.2	79.5	77.7	75.8	73.7	71.5	69.0	66.4	64.9	63.9
-32.5°	75.8	74.6	73.2	71.6	69.8	67.8	65.6	64.8	63.9	63.0	62.0
-33.75°	69.4	68.3	67.0	65.5	64.9	64.3	63.6	62.8	61.9	61.1	60.6
-35°	64.7	64.4	63.9	63.4	62.8	62.2	61.5	60.9	60.5	60.1	59.6
-36.25°	62.5	62.2	61.7	61.2	60.9	60.6	60.2	59.9	59.5	59.1	58.6
-37.5°	60.7	60.5	60.3	60.1	59.8	59.5	59.2	58.8	58.5	58.1	57.7
-38.75°	59.6	59.4	59.2	59.0	58.7	58.4	58.1	57.8	57.5	57.1	56.7
-40°	58.4	58.3	58.1	57.9	57.7	57.4	57.1	56.8	56.5	56.1	55.7
-41.25°	57.4	57.2	57.0	56.8	56.6	56.3	56.1	55.7	55.4	55.0	54.7
-42.5°	56.3	56.1	55.9	55.7	55.5	55.3	55.0	54.7	54.4	54.0	53.7
-43.75°	55.1	55.0	54.8	54.6	54.4	54.2	53.9	53.6	53.3	53.0	52.7
-45°	54.0	53.9	53.7	53.5	53.3	53.1	52.9	52.6	52.3	52.0	51.8
-46.25°	52.9	52.8	52.6	52.5	52.3	52.1	51.9	51.7	51.5	51.3	51.1
-47.5°	51.9	51.8	51.7	51.6	51.5	51.3	51.1	51.0	50.8	50.6	50.5
-48.75°	51.1	51.0	50.9	50.8	50.7	50.5	50.5	50.5	50.5	50.5	50.5
-50°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-51.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-52.5°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-53.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.4	50.3	50.1	49.9
-55°	50.4	50.3	50.2	50.1	50.0	49.9	49.8	49.7	49.5	49.4	49.2
-56.25°	49.6	49.6	49.5	49.4	49.3	49.2	49.1	48.9	48.5	48.1	47.6
-57.5°	48.6	48.4	48.2	48.0	47.7	47.4	47.1	46.8	46.4	46.0	45.5
-58.75°	46.4	46.2	46.0	45.8	45.6	45.3	45.0	44.6	44.3	44.0	43.6
-60°	44.2	44.1	43.9	43.7	43.5	43.3	43.1	42.8	42.5	42.2	41.9
-61.25°	42.3	42.2	42.0	41.9	41.7	41.5	41.2	41.0	40.7	40.2	39.7
-62.5°	40.3	40.1	39.9	39.6	39.3	39.0	38.7	38.3	37.9	37.4	36.9
-63.75°	37.3	37.1	36.9	36.7	36.4	36.1	35.8	35.4	35.0	34.6	34.1
-65°	34.3	34.2	34.0	33.7	33.5	33.2	32.9	32.5	32.1	31.7	31.3
-66.25°	31.3	31.2	31.0	30.8	30.5	30.3	30.0	29.6	29.3	28.9	28.5
-67.5°	28.4	28.3	28.1	27.9	27.7	27.5	27.3	27.0	26.7	26.4	26.0
-68.75°	25.8	25.6	25.5	25.3	25.1	24.9	24.7	24.4	24.2	23.9	23.6
-70°	23.2	23.1	23.0	22.8	22.7	22.5	22.3	22.1	21.9	21.7	21.4
-71.25°	20.9	20.9	20.7	20.6	20.5	20.3	20.1	20.0	19.8	19.5	19.3
-72.5°	18.8	18.7	18.6	18.6	18.5	18.4	18.3	18.1	18.0	17.9	17.7
-73.75°	17.2	17.2	17.1	17.0	17.0	16.9	16.8	16.6	16.5	16.4	16.3
-75°	15.7	15.7	15.7	15.7	15.6	15.6	15.5	15.5	15.4	15.4	15.3
-76.25°	15.0	15.0	15.0	14.9	14.9	14.9	14.8	14.8	14.7	14.7	14.6
-77.5°	14.2	14.2	14.2	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.7



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	13.1	13.1	13.1	13.0	13.0	13.0	12.9	12.9	12.8	12.7	12.7
-80°	12.0	12.0	12.0	11.9	11.9	11.8	11.8	11.7	11.6	11.5	11.5
-81.25°	10.5	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1	10.0
-82.5°	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.7	8.7	8.6
-83.75°	7.5	7.5	7.5	7.4	7.4	7.4	7.3	7.3	7.2	7.2	7.1
-85°	6.0	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.7	5.7	5.6
-86.25°	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9
-87.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
86.25°	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3
85°	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0	4.9	4.8
83.75°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
82.5°	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6
81.25°	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	8.9
80°	11.4	11.3	11.2	11.1	11.0	10.9	10.7	10.6	10.5	10.3	10.2
78.75°	12.6	12.5	12.4	12.4	12.3	12.2	12.1	11.9	11.8	11.6	11.5
77.5°	13.6	13.5	13.5	13.4	13.3	13.2	13.0	12.9	12.8	12.7	12.6
76.25°	14.5	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.6	13.5
75°	15.2	15.2	15.1	15.0	14.9	14.9	14.8	14.7	14.6	14.5	14.4
73.75°	16.1	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.1	15.0
72.5°	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.2	15.9	15.7	15.6
71.25°	19.0	18.8	18.6	18.4	18.2	18.0	17.7	17.5	17.2	17.0	16.7
70°	21.1	20.9	20.6	20.2	19.9	19.6	19.2	18.8	18.6	18.3	18.0
68.75°	23.2	22.9	22.6	22.3	21.9	21.5	21.2	20.7	20.3	19.9	19.4
67.5°	25.7	25.3	24.9	24.5	24.0	23.6	23.1	22.7	22.2	21.8	21.3
66.25°	28.1	27.7	27.3	26.9	26.4	25.9	25.4	24.8	24.3	23.7	23.1
65°	30.9	30.4	29.9	29.3	28.8	28.2	27.7	27.1	26.5	25.9	25.3
63.75°	33.6	33.1	32.6	32.0	31.4	30.8	30.1	29.5	28.8	28.1	27.4
62.5°	36.4	35.9	35.3	34.7	34.1	33.4	32.7	32.0	31.3	30.5	29.7
61.25°	39.2	38.6	38.0	37.4	36.7	36.0	35.3	34.6	33.8	33.0	32.1
60°	41.5	41.1	40.7	40.1	39.4	38.6	37.9	37.1	36.3	35.4	34.6
58.75°	43.2	42.8	42.4	42.0	41.5	41.0	40.5	39.6	38.8	37.9	37.0
57.5°	45.1	44.6	44.1	43.7	43.2	42.7	42.2	41.6	41.1	40.3	39.4
56.25°	47.1	46.6	46.1	45.5	44.9	44.3	43.8	43.2	42.6	42.0	41.4
55°	49.1	48.7	48.1	47.5	46.9	46.2	45.5	44.8	44.2	43.5	42.9
53.75°	49.8	49.6	49.4	49.2	48.8	48.1	47.4	46.7	45.9	45.2	44.4
52.5°	50.4	50.2	50.0	49.8	49.6	49.4	49.1	48.6	47.8	47.0	46.1
51.25°	50.5	50.5	50.5	50.5	50.2	50.0	49.7	49.5	49.2	48.7	47.9
50°	50.5	50.5	50.5	50.5	50.5	50.5	50.4	50.1	49.8	49.5	49.2
48.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.4	50.1	49.8
47.5°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.3
46.25°	50.8	50.6	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
45°	51.6	51.3	51.0	50.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5
43.75°	52.3	52.0	51.7	51.4	51.1	50.7	50.5	50.5	50.5	50.5	50.5
42.5°	53.3	52.9	52.5	52.1	51.7	51.4	51.0	50.7	50.5	50.5	50.5
41.25°	54.3	53.8	53.4	53.0	52.5	52.0	51.7	51.3	50.9	50.5	50.5
40°	55.3	54.8	54.3	53.9	53.4	52.9	52.4	51.9	51.5	51.1	50.7
38.75°	56.3	55.8	55.3	54.8	54.3	53.8	53.2	52.7	52.1	51.7	51.2
37.5°	57.2	56.8	56.3	55.7	55.2	54.6	54.1	53.5	52.9	52.3	51.8
36.25°	58.2	57.7	57.2	56.7	56.1	55.5	54.9	54.3	53.7	53.1	52.4
35°	59.1	58.6	58.1	57.5	57.0	56.4	55.8	55.1	54.5	53.8	53.2



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	60.1	59.5	59.0	58.4	57.8	57.2	56.6	56.0	55.3	54.6	53.9
32.5°	61.0	60.5	59.9	59.3	58.7	58.1	57.4	56.8	56.1	55.3	54.6
31.25°	62.8	61.7	60.8	60.2	59.5	58.9	58.2	57.5	56.8	56.1	55.3
30°	64.6	63.5	62.3	61.0	60.4	59.7	59.0	58.3	57.6	56.8	56.1
28.75°	68.0	65.2	64.0	62.7	61.3	60.5	59.8	59.0	58.3	57.5	56.8
27.5°	73.1	69.5	65.8	64.3	62.9	61.5	60.5	59.8	59.0	58.2	57.4
26.25°	78.2	74.4	70.5	66.5	64.5	63.0	61.5	60.5	59.7	58.9	58.1
25°	83.9	79.3	75.2	71.0	66.8	64.5	62.9	61.3	60.4	59.5	58.7
23.75°	89.5	84.8	80.0	75.4	71.0	66.5	64.3	62.7	61.0	60.2	59.3
22.5°	96.0	90.2	85.1	80.0	75.2	70.5	65.8	64.0	62.3	60.8	59.9
21.25°	107.3	96.5	90.2	84.8	79.3	74.4	69.5	65.2	63.5	61.7	60.5
20°	131.9	107.3	96.0	89.5	83.9	78.2	73.1	68.0	64.6	62.8	61.0
18.75°	187.8	129.9	104.2	94.4	88.3	82.3	76.6	71.4	66.1	63.9	62.0
17.5°	259.2	179.9	125.1	101.5	92.5	86.4	80.2	74.6	69.1	64.9	63.0
16.25°	338.2	242.2	164.2	117.1	98.2	90.2	83.8	77.6	72.0	66.4	63.9
15°	419.9	311.1	214.1	140.8	106.1	93.9	87.3	80.7	74.8	69.0	64.8
13.75°	502.0	383.6	273.7	181.6	122.4	99.4	90.6	83.9	77.3	71.5	65.6
12.5°	579.1	455.8	335.7	228.4	146.6	106.7	93.6	86.7	79.9	73.7	67.8
11.25°	650.7	523.9	395.7	277.6	180.1	120.1	98.1	89.4	82.4	75.8	69.8
10°	706.1	586.3	454.7	327.5	215.7	133.7	102.1	91.8	84.7	77.7	71.6
8.75°	742.4	642.6	508.0	374.3	254.0	159.8	110.2	94.2	86.7	79.5	73.2
7.5°	774.6	691.3	555.0	416.9	287.6	182.6	119.4	97.2	88.5	81.2	74.6
6.25°	802.4	717.4	595.4	455.1	320.6	204.0	127.2	99.8	90.1	82.7	75.8
5°	825.5	739.2	628.9	486.8	348.3	226.6	136.9	102.0	91.3	83.9	76.7
3.75°	843.8	756.3	655.3	511.6	370.1	244.3	148.9	104.2	92.3	84.8	77.5
2.5°	857.0	768.6	674.3	529.5	385.7	257.1	157.6	107.6	93.0	85.5	78.1
1.25°	864.9	776.1	685.8	540.3	395.1	264.7	162.8	109.7	93.5	85.9	78.4
0°	867.6	778.6	689.6	544.0	398.3	267.3	164.5	110.4	93.6	86.1	78.5
-1.25°	864.9	776.1	685.8	540.3	395.1	264.7	162.8	109.7	93.5	85.9	78.4
-2.5°	857.0	768.6	674.3	529.5	385.7	257.1	157.6	107.6	93.0	85.5	78.1
-3.75°	843.8	756.3	655.3	511.6	370.1	244.3	148.9	104.2	92.3	84.8	77.5
-5°	825.5	739.2	628.9	486.8	348.3	226.6	136.9	102.0	91.3	83.9	76.7
-6.25°	802.4	717.4	595.4	455.1	320.6	204.0	127.2	99.8	90.1	82.7	75.8
-7.5°	774.6	691.3	555.0	416.9	287.6	182.6	119.4	97.2	88.5	81.2	74.6
-8.75°	742.4	642.6	508.0	374.3	254.0	159.8	110.2	94.2	86.7	79.5	73.2
-10°	706.1	586.3	454.7	327.5	215.7	133.7	102.1	91.8	84.7	77.7	71.6
-11.25°	650.7	523.9	395.7	277.6	180.1	120.1	98.1	89.4	82.4	75.8	69.8
-12.5°	579.1	455.8	335.7	228.4	146.6	106.7	93.6	86.7	79.9	73.7	67.8
-13.75°	502.0	383.6	273.7	181.6	122.4	99.4	90.6	83.9	77.3	71.5	65.6
-15°	419.9	311.1	214.1	140.8	106.1	93.9	87.3	80.7	74.8	69.0	64.8
-16.25°	338.2	242.2	164.2	117.1	98.2	90.2	83.8	77.6	72.0	66.4	63.9
-17.5°	259.2	179.9	125.1	101.5	92.5	86.4	80.2	74.6	69.1	64.9	63.0
-18.75°	187.8	129.9	104.2	94.4	88.3	82.3	76.6	71.4	66.1	63.9	62.0
-20°	131.9	107.3	96.0	89.5	83.9	78.2	73.1	68.0	64.6	62.8	61.0
-21.25°	107.3	96.5	90.2	84.8	79.3	74.4	69.5	65.2	63.5	61.7	60.5



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	96.0	90.2	85.1	80.0	75.2	70.5	65.8	64.0	62.3	60.8	59.9
-23.75°	89.5	84.8	80.0	75.4	71.0	66.5	64.3	62.7	61.0	60.2	59.3
-25°	83.9	79.3	75.2	71.0	66.8	64.5	62.9	61.3	60.4	59.5	58.7
-26.25°	78.2	74.4	70.5	66.5	64.5	63.0	61.5	60.5	59.7	58.9	58.1
-27.5°	73.1	69.5	65.8	64.3	62.9	61.5	60.5	59.8	59.0	58.2	57.4
-28.75°	68.0	65.2	64.0	62.7	61.3	60.5	59.8	59.0	58.3	57.5	56.8
-30°	64.6	63.5	62.3	61.0	60.4	59.7	59.0	58.3	57.6	56.8	56.1
-31.25°	62.8	61.7	60.8	60.2	59.5	58.9	58.2	57.5	56.8	56.1	55.3
-32.5°	61.0	60.5	59.9	59.3	58.7	58.1	57.4	56.8	56.1	55.3	54.6
-33.75°	60.1	59.5	59.0	58.4	57.8	57.2	56.6	56.0	55.3	54.6	53.9
-35°	59.1	58.6	58.1	57.5	57.0	56.4	55.8	55.1	54.5	53.8	53.2
-36.25°	58.2	57.7	57.2	56.7	56.1	55.5	54.9	54.3	53.7	53.1	52.4
-37.5°	57.2	56.8	56.3	55.7	55.2	54.6	54.1	53.5	52.9	52.3	51.8
-38.75°	56.3	55.8	55.3	54.8	54.3	53.8	53.2	52.7	52.1	51.7	51.2
-40°	55.3	54.8	54.3	53.9	53.4	52.9	52.4	51.9	51.5	51.1	50.7
-41.25°	54.3	53.8	53.4	53.0	52.5	52.0	51.7	51.3	50.9	50.5	50.5
-42.5°	53.3	52.9	52.5	52.1	51.7	51.4	51.0	50.7	50.5	50.5	50.5
-43.75°	52.3	52.0	51.7	51.4	51.1	50.7	50.5	50.5	50.5	50.5	50.5
-45°	51.6	51.3	51.0	50.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-46.25°	50.8	50.6	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
-47.5°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.3
-48.75°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.4	50.1	49.8
-50°	50.5	50.5	50.5	50.5	50.5	50.5	50.4	50.1	49.8	49.5	49.2
-51.25°	50.5	50.5	50.5	50.5	50.2	50.0	49.7	49.5	49.2	48.7	47.9
-52.5°	50.4	50.2	50.0	49.8	49.6	49.4	49.1	48.6	47.8	47.0	46.1
-53.75°	49.8	49.6	49.4	49.2	48.8	48.1	47.4	46.7	45.9	45.2	44.4
-55°	49.1	48.7	48.1	47.5	46.9	46.2	45.5	44.8	44.2	43.5	42.9
-56.25°	47.1	46.6	46.1	45.5	44.9	44.3	43.8	43.2	42.6	42.0	41.4
-57.5°	45.1	44.6	44.1	43.7	43.2	42.7	42.2	41.6	41.1	40.3	39.4
-58.75°	43.2	42.8	42.4	42.0	41.5	41.0	40.5	39.6	38.8	37.9	37.0
-60°	41.5	41.1	40.7	40.1	39.4	38.6	37.9	37.1	36.3	35.4	34.6
-61.25°	39.2	38.6	38.0	37.4	36.7	36.0	35.3	34.6	33.8	33.0	32.1
-62.5°	36.4	35.9	35.3	34.7	34.1	33.4	32.7	32.0	31.3	30.5	29.7
-63.75°	33.6	33.1	32.6	32.0	31.4	30.8	30.1	29.5	28.8	28.1	27.4
-65°	30.9	30.4	29.9	29.3	28.8	28.2	27.7	27.1	26.5	25.9	25.3
-66.25°	28.1	27.7	27.3	26.9	26.4	25.9	25.4	24.8	24.3	23.7	23.1
-67.5°	25.7	25.3	24.9	24.5	24.0	23.6	23.1	22.7	22.2	21.8	21.3
-68.75°	23.2	22.9	22.6	22.3	21.9	21.5	21.2	20.7	20.3	19.9	19.4
-70°	21.1	20.9	20.6	20.2	19.9	19.6	19.2	18.8	18.6	18.3	18.0
-71.25°	19.0	18.8	18.6	18.4	18.2	18.0	17.7	17.5	17.2	17.0	16.7
-72.5°	17.6	17.4	17.2	17.0	16.8	16.6	16.4	16.2	15.9	15.7	15.6
-73.75°	16.1	15.9	15.8	15.7	15.6	15.5	15.4	15.3	15.2	15.1	15.0
-75°	15.2	15.2	15.1	15.0	14.9	14.9	14.8	14.7	14.6	14.5	14.4
-76.25°	14.5	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.6	13.5
-77.5°	13.6	13.5	13.5	13.4	13.3	13.2	13.0	12.9	12.8	12.7	12.6



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	12.6	12.5	12.4	12.4	12.3	12.2	12.1	11.9	11.8	11.6	11.5
-80°	11.4	11.3	11.2	11.1	11.0	10.9	10.7	10.6	10.5	10.3	10.2
-81.25°	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	8.9
-82.5°	8.5	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.6
-83.75°	7.1	7.0	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.3
-85°	5.6	5.5	5.4	5.4	5.3	5.2	5.2	5.1	5.0	4.9	4.8
-86.25°	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3
-87.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
-88.75°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
87.5°	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
86.25°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
85°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7
83.75°	6.2	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0
82.5°	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.4	6.2
81.25°	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3
80°	10.1	9.9	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.4
78.75°	11.3	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4
77.5°	12.4	12.3	12.1	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.4
76.25°	13.3	13.2	13.0	12.9	12.7	12.5	12.4	12.2	12.0	11.7	11.5
75°	14.2	14.1	13.9	13.7	13.5	13.4	13.2	13.0	12.8	12.6	12.4
73.75°	14.9	14.8	14.6	14.5	14.4	14.2	14.0	13.8	13.6	13.3	13.1
72.5°	15.5	15.4	15.2	15.1	14.9	14.8	14.6	14.5	14.3	14.1	13.9
71.25°	16.4	16.1	15.8	15.7	15.5	15.4	15.2	15.0	14.9	14.7	14.5
70°	17.7	17.4	17.1	16.7	16.4	16.0	15.7	15.6	15.4	15.2	15.0
68.75°	19.0	18.6	18.3	17.9	17.6	17.2	16.8	16.4	16.0	15.7	15.5
67.5°	20.8	20.3	19.8	19.2	18.7	18.3	17.9	17.5	17.1	16.7	16.2
66.25°	22.6	22.1	21.5	20.9	20.4	19.7	19.1	18.6	18.2	17.7	17.3
65°	24.6	23.9	23.3	22.7	22.0	21.4	20.7	20.1	19.4	18.8	18.3
63.75°	26.7	26.0	25.3	24.5	23.8	23.0	22.4	21.7	20.9	20.2	19.5
62.5°	28.9	28.1	27.3	26.6	25.7	24.9	24.1	23.2	22.5	21.7	20.9
61.25°	31.3	30.4	29.5	28.6	27.7	26.8	25.9	25.0	24.1	23.2	22.4
60°	33.7	32.7	31.8	30.8	29.8	28.8	27.8	26.9	25.9	24.9	23.9
58.75°	36.0	35.1	34.1	33.0	32.0	30.9	29.8	28.7	27.7	26.6	25.6
57.5°	38.4	37.4	36.3	35.3	34.2	33.0	31.9	30.7	29.5	28.3	27.2
56.25°	40.7	39.7	38.6	37.5	36.3	35.2	34.0	32.7	31.5	30.2	28.9
55°	42.2	41.5	40.8	39.7	38.5	37.3	36.0	34.7	33.4	32.1	30.8
53.75°	43.7	42.9	42.2	41.4	40.6	39.3	38.1	36.7	35.4	34.0	32.6
52.5°	45.2	44.4	43.6	42.8	42.0	41.2	40.1	38.7	37.3	35.9	34.4
51.25°	47.0	46.0	45.1	44.2	43.3	42.5	41.6	40.7	39.2	37.7	36.3
50°	48.7	47.7	46.7	45.7	44.7	43.7	42.8	41.9	41.0	39.6	38.0
48.75°	49.4	49.1	48.3	47.3	46.2	45.1	44.1	43.1	42.1	41.1	39.8
47.5°	50.0	49.7	49.3	48.8	47.7	46.6	45.4	44.3	43.3	42.3	41.2
46.25°	50.5	50.2	49.8	49.5	49.1	48.1	46.9	45.7	44.5	43.4	42.3
45°	50.5	50.5	50.4	50.0	49.6	49.2	48.3	47.1	45.8	44.5	43.4
43.75°	50.5	50.5	50.5	50.5	50.1	49.7	49.2	48.4	47.1	45.8	44.5
42.5°	50.5	50.5	50.5	50.5	50.5	50.1	49.7	49.3	48.4	47.1	45.7
41.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.2	49.7	49.2	48.3	46.9
40°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.1	49.7	49.2	48.1
38.75°	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.1	49.6	49.1
37.5°	51.3	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.0	49.5
36.25°	51.8	51.4	50.9	50.5	50.5	50.5	50.5	50.5	50.5	50.4	49.8
35°	52.5	51.9	51.4	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.2



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	53.2	52.5	51.8	51.3	50.8	50.5	50.5	50.5	50.5	50.5	50.5
32.5°	53.9	53.2	52.4	51.8	51.2	50.7	50.5	50.5	50.5	50.5	50.5
31.25°	54.6	53.8	53.1	52.3	51.7	51.1	50.5	50.5	50.5	50.5	50.5
30°	55.3	54.5	53.7	52.9	52.1	51.5	50.9	50.5	50.5	50.5	50.5
28.75°	56.0	55.1	54.3	53.5	52.7	51.9	51.3	50.7	50.5	50.5	50.5
27.5°	56.6	55.8	54.9	54.1	53.2	52.4	51.7	51.0	50.5	50.5	50.5
26.25°	57.2	56.4	55.5	54.6	53.8	52.9	52.0	51.4	50.7	50.5	50.5
25°	57.8	57.0	56.1	55.2	54.3	53.4	52.5	51.7	51.1	50.5	50.5
23.75°	58.4	57.5	56.7	55.7	54.8	53.9	53.0	52.1	51.4	50.7	50.5
22.5°	59.0	58.1	57.2	56.3	55.3	54.3	53.4	52.5	51.7	51.0	50.5
21.25°	59.5	58.6	57.7	56.8	55.8	54.8	53.8	52.9	52.0	51.3	50.6
20°	60.1	59.1	58.2	57.2	56.3	55.3	54.3	53.3	52.3	51.6	50.8
18.75°	60.6	59.6	58.6	57.7	56.7	55.7	54.7	53.7	52.7	51.8	51.1
17.5°	61.1	60.1	59.1	58.1	57.1	56.1	55.0	54.0	53.0	52.0	51.3
16.25°	61.9	60.5	59.5	58.5	57.5	56.5	55.4	54.4	53.3	52.3	51.5
15°	62.8	60.9	59.9	58.8	57.8	56.8	55.7	54.7	53.6	52.6	51.7
13.75°	63.6	61.5	60.2	59.2	58.1	57.1	56.1	55.0	53.9	52.9	51.9
12.5°	64.3	62.2	60.6	59.5	58.4	57.4	56.3	55.3	54.2	53.1	52.1
11.25°	64.9	62.8	60.9	59.8	58.7	57.7	56.6	55.5	54.4	53.3	52.3
10°	65.5	63.4	61.2	60.1	59.0	57.9	56.8	55.7	54.6	53.5	52.5
8.75°	67.0	63.9	61.7	60.3	59.2	58.1	57.0	55.9	54.8	53.7	52.6
7.5°	68.3	64.4	62.2	60.5	59.4	58.3	57.2	56.1	55.0	53.9	52.8
6.25°	69.4	64.7	62.5	60.7	59.6	58.4	57.4	56.3	55.1	54.0	52.9
5°	70.4	65.0	62.8	60.8	59.7	58.6	57.5	56.4	55.2	54.1	53.0
3.75°	71.1	65.3	63.0	61.0	59.8	58.7	57.6	56.5	55.3	54.2	53.1
2.5°	71.6	65.5	63.2	61.0	59.9	58.7	57.6	56.5	55.4	54.3	53.2
1.25°	71.9	65.6	63.3	61.1	59.9	58.8	57.7	56.6	55.4	54.3	53.2
0°	72.1	65.6	63.4	61.1	60.0	58.8	57.7	56.6	55.5	54.3	53.2
-1.25°	71.9	65.6	63.3	61.1	59.9	58.8	57.7	56.6	55.4	54.3	53.2
-2.5°	71.6	65.5	63.2	61.0	59.9	58.7	57.6	56.5	55.4	54.3	53.2
-3.75°	71.1	65.3	63.0	61.0	59.8	58.7	57.6	56.5	55.3	54.2	53.1
-5°	70.4	65.0	62.8	60.8	59.7	58.6	57.5	56.4	55.2	54.1	53.0
-6.25°	69.4	64.7	62.5	60.7	59.6	58.4	57.4	56.3	55.1	54.0	52.9
-7.5°	68.3	64.4	62.2	60.5	59.4	58.3	57.2	56.1	55.0	53.9	52.8
-8.75°	67.0	63.9	61.7	60.3	59.2	58.1	57.0	55.9	54.8	53.7	52.6
-10°	65.5	63.4	61.2	60.1	59.0	57.9	56.8	55.7	54.6	53.5	52.5
-11.25°	64.9	62.8	60.9	59.8	58.7	57.7	56.6	55.5	54.4	53.3	52.3
-12.5°	64.3	62.2	60.6	59.5	58.4	57.4	56.3	55.3	54.2	53.1	52.1
-13.75°	63.6	61.5	60.2	59.2	58.1	57.1	56.1	55.0	53.9	52.9	51.9
-15°	62.8	60.9	59.9	58.8	57.8	56.8	55.7	54.7	53.6	52.6	51.7
-16.25°	61.9	60.5	59.5	58.5	57.5	56.5	55.4	54.4	53.3	52.3	51.5
-17.5°	61.1	60.1	59.1	58.1	57.1	56.1	55.0	54.0	53.0	52.0	51.3
-18.75°	60.6	59.6	58.6	57.7	56.7	55.7	54.7	53.7	52.7	51.8	51.1
-20°	60.1	59.1	58.2	57.2	56.3	55.3	54.3	53.3	52.3	51.6	50.8
-21.25°	59.5	58.6	57.7	56.8	55.8	54.8	53.8	52.9	52.0	51.3	50.6



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	59.0	58.1	57.2	56.3	55.3	54.3	53.4	52.5	51.7	51.0	50.5
-23.75°	58.4	57.5	56.7	55.7	54.8	53.9	53.0	52.1	51.4	50.7	50.5
-25°	57.8	57.0	56.1	55.2	54.3	53.4	52.5	51.7	51.1	50.5	50.5
-26.25°	57.2	56.4	55.5	54.6	53.8	52.9	52.0	51.4	50.7	50.5	50.5
-27.5°	56.6	55.8	54.9	54.1	53.2	52.4	51.7	51.0	50.5	50.5	50.5
-28.75°	56.0	55.1	54.3	53.5	52.7	51.9	51.3	50.7	50.5	50.5	50.5
-30°	55.3	54.5	53.7	52.9	52.1	51.5	50.9	50.5	50.5	50.5	50.5
-31.25°	54.6	53.8	53.1	52.3	51.7	51.1	50.5	50.5	50.5	50.5	50.5
-32.5°	53.9	53.2	52.4	51.8	51.2	50.7	50.5	50.5	50.5	50.5	50.5
-33.75°	53.2	52.5	51.8	51.3	50.8	50.5	50.5	50.5	50.5	50.5	50.5
-35°	52.5	51.9	51.4	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.2
-36.25°	51.8	51.4	50.9	50.5	50.5	50.5	50.5	50.5	50.5	50.4	49.8
-37.5°	51.3	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.0	49.5
-38.75°	50.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.1	49.6	49.1
-40°	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.1	49.7	49.2	48.1
-41.25°	50.5	50.5	50.5	50.5	50.5	50.5	50.2	49.7	49.2	48.3	46.9
-42.5°	50.5	50.5	50.5	50.5	50.5	50.1	49.7	49.3	48.4	47.1	45.7
-43.75°	50.5	50.5	50.5	50.5	50.1	49.7	49.2	48.4	47.1	45.8	44.5
-45°	50.5	50.5	50.4	50.0	49.6	49.2	48.3	47.1	45.8	44.5	43.4
-46.25°	50.5	50.2	49.8	49.5	49.1	48.1	46.9	45.7	44.5	43.4	42.3
-47.5°	50.0	49.7	49.3	48.8	47.7	46.6	45.4	44.3	43.3	42.3	41.2
-48.75°	49.4	49.1	48.3	47.3	46.2	45.1	44.1	43.1	42.1	41.1	39.8
-50°	48.7	47.7	46.7	45.7	44.7	43.7	42.8	41.9	41.0	39.6	38.0
-51.25°	47.0	46.0	45.1	44.2	43.3	42.5	41.6	40.7	39.2	37.7	36.3
-52.5°	45.2	44.4	43.6	42.8	42.0	41.2	40.1	38.7	37.3	35.9	34.4
-53.75°	43.7	42.9	42.2	41.4	40.6	39.3	38.1	36.7	35.4	34.0	32.6
-55°	42.2	41.5	40.8	39.7	38.5	37.3	36.0	34.7	33.4	32.1	30.8
-56.25°	40.7	39.7	38.6	37.5	36.3	35.2	34.0	32.7	31.5	30.2	28.9
-57.5°	38.4	37.4	36.3	35.3	34.2	33.0	31.9	30.7	29.5	28.3	27.2
-58.75°	36.0	35.1	34.1	33.0	32.0	30.9	29.8	28.7	27.7	26.6	25.6
-60°	33.7	32.7	31.8	30.8	29.8	28.8	27.8	26.9	25.9	24.9	23.9
-61.25°	31.3	30.4	29.5	28.6	27.7	26.8	25.9	25.0	24.1	23.2	22.4
-62.5°	28.9	28.1	27.3	26.6	25.7	24.9	24.1	23.2	22.5	21.7	20.9
-63.75°	26.7	26.0	25.3	24.5	23.8	23.0	22.4	21.7	20.9	20.2	19.5
-65°	24.6	23.9	23.3	22.7	22.0	21.4	20.7	20.1	19.4	18.8	18.3
-66.25°	22.6	22.1	21.5	20.9	20.4	19.7	19.1	18.6	18.2	17.7	17.3
-67.5°	20.8	20.3	19.8	19.2	18.7	18.3	17.9	17.5	17.1	16.7	16.2
-68.75°	19.0	18.6	18.3	17.9	17.6	17.2	16.8	16.4	16.0	15.7	15.5
-70°	17.7	17.4	17.1	16.7	16.4	16.0	15.7	15.6	15.4	15.2	15.0
-71.25°	16.4	16.1	15.8	15.7	15.5	15.4	15.2	15.0	14.9	14.7	14.5
-72.5°	15.5	15.4	15.2	15.1	14.9	14.8	14.6	14.5	14.3	14.1	13.9
-73.75°	14.9	14.8	14.6	14.5	14.4	14.2	14.0	13.8	13.6	13.3	13.1
-75°	14.2	14.1	13.9	13.7	13.5	13.4	13.2	13.0	12.8	12.6	12.4
-76.25°	13.3	13.2	13.0	12.9	12.7	12.5	12.4	12.2	12.0	11.7	11.5
-77.5°	12.4	12.3	12.1	12.0	11.8	11.6	11.3	11.1	10.9	10.7	10.4



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	11.3	11.1	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.6	9.4
-80°	10.1	9.9	9.8	9.6	9.4	9.3	9.1	8.9	8.7	8.5	8.4
-81.25°	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.8	7.6	7.5	7.3
-82.5°	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.5	6.4	6.2
-83.75°	6.2	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3	5.1	5.0
-85°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7
-86.25°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
-87.5°	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
-88.75°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
87.5°	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
86.25°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7
85°	3.6	3.5	3.4	3.2	3.1	3.0	2.8	2.7	2.6	2.4	2.3
83.75°	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2
82.5°	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.3	4.1
81.25°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.1
80°	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
78.75°	9.2	9.0	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7
77.5°	10.2	9.9	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5
76.25°	11.2	10.9	10.6	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3
75°	12.2	11.9	11.6	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.0
73.75°	12.9	12.7	12.4	12.2	11.9	11.5	11.2	10.8	10.5	10.1	9.8
72.5°	13.6	13.4	13.1	12.8	12.6	12.3	12.0	11.6	11.3	10.9	10.5
71.25°	14.3	14.1	13.8	13.5	13.2	12.9	12.6	12.4	12.0	11.6	11.2
70°	14.8	14.6	14.4	14.2	13.9	13.6	13.3	12.9	12.6	12.3	11.9
68.75°	15.3	15.1	14.9	14.7	14.4	14.2	13.9	13.5	13.2	12.8	12.5
67.5°	15.8	15.6	15.3	15.1	14.9	14.6	14.4	14.1	13.7	13.4	13.0
66.25°	16.8	16.3	15.8	15.6	15.3	15.1	14.8	14.6	14.3	13.9	13.5
65°	17.8	17.3	16.7	16.2	15.7	15.5	15.2	14.9	14.7	14.4	14.0
63.75°	18.8	18.2	17.7	17.1	16.6	16.0	15.6	15.3	15.0	14.8	14.5
62.5°	20.1	19.3	18.6	18.0	17.4	16.8	16.2	15.7	15.4	15.1	14.8
61.25°	21.5	20.7	19.8	18.9	18.3	17.7	17.1	16.4	15.8	15.5	15.1
60°	22.9	22.0	21.1	20.2	19.3	18.5	17.9	17.2	16.5	15.8	15.5
58.75°	24.5	23.4	22.5	21.5	20.5	19.6	18.7	18.0	17.3	16.6	15.8
57.5°	26.1	25.0	23.8	22.8	21.8	20.7	19.7	18.7	18.0	17.3	16.5
56.25°	27.7	26.6	25.4	24.1	23.0	21.9	20.8	19.8	18.7	18.0	17.2
55°	29.4	28.1	26.9	25.6	24.3	23.1	22.0	20.8	19.7	18.7	17.9
53.75°	31.2	29.8	28.4	27.1	25.7	24.4	23.1	21.9	20.7	19.6	18.5
52.5°	33.0	31.5	30.0	28.5	27.1	25.7	24.3	23.0	21.8	20.5	19.3
51.25°	34.7	33.2	31.6	30.1	28.5	27.1	25.6	24.1	22.8	21.5	20.2
50°	36.5	34.9	33.3	31.6	30.0	28.4	26.9	25.4	23.8	22.5	21.1
48.75°	38.2	36.5	34.9	33.2	31.5	29.8	28.1	26.6	25.0	23.4	22.0
47.5°	39.9	38.2	36.5	34.7	33.0	31.2	29.4	27.7	26.1	24.5	22.9
46.25°	41.2	39.8	38.0	36.3	34.4	32.6	30.8	28.9	27.2	25.6	23.9
45°	42.3	41.1	39.6	37.7	35.9	34.0	32.1	30.2	28.3	26.6	24.9
43.75°	43.3	42.1	41.0	39.2	37.3	35.4	33.4	31.5	29.5	27.7	25.9
42.5°	44.3	43.1	41.9	40.7	38.7	36.7	34.7	32.7	30.7	28.7	26.9
41.25°	45.4	44.1	42.8	41.6	40.1	38.1	36.0	34.0	31.9	29.8	27.8
40°	46.6	45.1	43.7	42.5	41.2	39.3	37.3	35.2	33.0	30.9	28.8
38.75°	47.7	46.2	44.7	43.3	42.0	40.6	38.5	36.3	34.2	32.0	29.8
37.5°	48.8	47.3	45.7	44.2	42.8	41.4	39.7	37.5	35.3	33.0	30.8
36.25°	49.3	48.3	46.7	45.1	43.6	42.2	40.8	38.6	36.3	34.1	31.8
35°	49.7	49.1	47.7	46.0	44.4	42.9	41.5	39.7	37.4	35.1	32.7



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	50.0	49.4	48.7	47.0	45.2	43.7	42.2	40.7	38.4	36.0	33.7
32.5°	50.3	49.8	49.2	47.9	46.1	44.4	42.9	41.4	39.4	37.0	34.6
31.25°	50.5	50.1	49.5	48.7	47.0	45.2	43.5	42.0	40.3	37.9	35.4
30°	50.5	50.4	49.8	49.2	47.8	45.9	44.2	42.6	41.1	38.8	36.3
28.75°	50.5	50.5	50.1	49.5	48.6	46.7	44.8	43.2	41.6	39.6	37.1
27.5°	50.5	50.5	50.4	49.7	49.1	47.4	45.5	43.8	42.2	40.5	37.9
26.25°	50.5	50.5	50.5	50.0	49.4	48.1	46.2	44.3	42.7	41.0	38.6
25°	50.5	50.5	50.5	50.2	49.6	48.8	46.9	44.9	43.2	41.5	39.4
23.75°	50.5	50.5	50.5	50.5	49.8	49.2	47.5	45.5	43.7	42.0	40.1
22.5°	50.5	50.5	50.5	50.5	50.0	49.4	48.1	46.1	44.1	42.4	40.7
21.25°	50.5	50.5	50.5	50.5	50.2	49.6	48.7	46.6	44.6	42.8	41.1
20°	50.5	50.5	50.5	50.5	50.4	49.8	49.1	47.1	45.1	43.2	41.5
18.75°	50.5	50.5	50.5	50.5	50.5	49.9	49.2	47.6	45.5	43.6	41.9
17.5°	50.6	50.5	50.5	50.5	50.5	50.1	49.4	48.1	46.0	44.0	42.2
16.25°	50.8	50.5	50.5	50.5	50.5	50.3	49.5	48.5	46.4	44.3	42.5
15°	51.0	50.5	50.5	50.5	50.5	50.4	49.7	48.9	46.8	44.6	42.8
13.75°	51.1	50.5	50.5	50.5	50.5	50.5	49.8	49.1	47.1	45.0	43.1
12.5°	51.3	50.5	50.5	50.5	50.5	50.5	49.9	49.2	47.4	45.3	43.3
11.25°	51.5	50.7	50.5	50.5	50.5	50.5	50.0	49.3	47.7	45.6	43.5
10°	51.6	50.8	50.5	50.5	50.5	50.5	50.1	49.4	48.0	45.8	43.7
8.75°	51.7	50.9	50.5	50.5	50.5	50.5	50.2	49.5	48.2	46.0	43.9
7.5°	51.8	51.0	50.5	50.5	50.5	50.5	50.3	49.6	48.4	46.2	44.1
6.25°	51.9	51.1	50.5	50.5	50.5	50.5	50.4	49.6	48.6	46.4	44.2
5°	52.0	51.2	50.5	50.5	50.5	50.5	50.4	49.7	48.8	46.5	44.3
3.75°	52.0	51.2	50.5	50.5	50.5	50.5	50.4	49.7	48.9	46.6	44.4
2.5°	52.1	51.3	50.5	50.5	50.5	50.5	50.5	49.7	48.9	46.7	44.5
1.25°	52.1	51.3	50.5	50.5	50.5	50.5	50.5	49.7	49.0	46.7	44.5
0°	52.1	51.3	50.5	50.5	50.5	50.5	50.5	49.8	49.0	46.8	44.5
-1.25°	52.1	51.3	50.5	50.5	50.5	50.5	50.5	49.7	49.0	46.7	44.5
-2.5°	52.1	51.3	50.5	50.5	50.5	50.5	50.5	49.7	48.9	46.7	44.5
-3.75°	52.0	51.2	50.5	50.5	50.5	50.5	50.4	49.7	48.9	46.6	44.4
-5°	52.0	51.2	50.5	50.5	50.5	50.5	50.4	49.7	48.8	46.5	44.3
-6.25°	51.9	51.1	50.5	50.5	50.5	50.5	50.4	49.6	48.6	46.4	44.2
-7.5°	51.8	51.0	50.5	50.5	50.5	50.5	50.3	49.6	48.4	46.2	44.1
-8.75°	51.7	50.9	50.5	50.5	50.5	50.5	50.2	49.5	48.2	46.0	43.9
-10°	51.6	50.8	50.5	50.5	50.5	50.5	50.1	49.4	48.0	45.8	43.7
-11.25°	51.5	50.7	50.5	50.5	50.5	50.5	50.0	49.3	47.7	45.6	43.5
-12.5°	51.3	50.5	50.5	50.5	50.5	50.5	49.9	49.2	47.4	45.3	43.3
-13.75°	51.1	50.5	50.5	50.5	50.5	50.5	49.8	49.1	47.1	45.0	43.1
-15°	51.0	50.5	50.5	50.5	50.5	50.4	49.7	48.9	46.8	44.6	42.8
-16.25°	50.8	50.5	50.5	50.5	50.5	50.3	49.5	48.5	46.4	44.3	42.5
-17.5°	50.6	50.5	50.5	50.5	50.5	50.1	49.4	48.1	46.0	44.0	42.2
-18.75°	50.5	50.5	50.5	50.5	50.5	49.9	49.2	47.6	45.5	43.6	41.9
-20°	50.5	50.5	50.5	50.5	50.4	49.8	49.1	47.1	45.1	43.2	41.5
-21.25°	50.5	50.5	50.5	50.5	50.2	49.6	48.7	46.6	44.6	42.8	41.1



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	50.5	50.5	50.5	50.5	50.0	49.4	48.1	46.1	44.1	42.4	40.7
-23.75°	50.5	50.5	50.5	50.5	49.8	49.2	47.5	45.5	43.7	42.0	40.1
-25°	50.5	50.5	50.5	50.2	49.6	48.8	46.9	44.9	43.2	41.5	39.4
-26.25°	50.5	50.5	50.5	50.0	49.4	48.1	46.2	44.3	42.7	41.0	38.6
-27.5°	50.5	50.5	50.4	49.7	49.1	47.4	45.5	43.8	42.2	40.5	37.9
-28.75°	50.5	50.5	50.1	49.5	48.6	46.7	44.8	43.2	41.6	39.6	37.1
-30°	50.5	50.4	49.8	49.2	47.8	45.9	44.2	42.6	41.1	38.8	36.3
-31.25°	50.5	50.1	49.5	48.7	47.0	45.2	43.5	42.0	40.3	37.9	35.4
-32.5°	50.3	49.8	49.2	47.9	46.1	44.4	42.9	41.4	39.4	37.0	34.6
-33.75°	50.0	49.4	48.7	47.0	45.2	43.7	42.2	40.7	38.4	36.0	33.7
-35°	49.7	49.1	47.7	46.0	44.4	42.9	41.5	39.7	37.4	35.1	32.7
-36.25°	49.3	48.3	46.7	45.1	43.6	42.2	40.8	38.6	36.3	34.1	31.8
-37.5°	48.8	47.3	45.7	44.2	42.8	41.4	39.7	37.5	35.3	33.0	30.8
-38.75°	47.7	46.2	44.7	43.3	42.0	40.6	38.5	36.3	34.2	32.0	29.8
-40°	46.6	45.1	43.7	42.5	41.2	39.3	37.3	35.2	33.0	30.9	28.8
-41.25°	45.4	44.1	42.8	41.6	40.1	38.1	36.0	34.0	31.9	29.8	27.8
-42.5°	44.3	43.1	41.9	40.7	38.7	36.7	34.7	32.7	30.7	28.7	26.9
-43.75°	43.3	42.1	41.0	39.2	37.3	35.4	33.4	31.5	29.5	27.7	25.9
-45°	42.3	41.1	39.6	37.7	35.9	34.0	32.1	30.2	28.3	26.6	24.9
-46.25°	41.2	39.8	38.0	36.3	34.4	32.6	30.8	28.9	27.2	25.6	23.9
-47.5°	39.9	38.2	36.5	34.7	33.0	31.2	29.4	27.7	26.1	24.5	22.9
-48.75°	38.2	36.5	34.9	33.2	31.5	29.8	28.1	26.6	25.0	23.4	22.0
-50°	36.5	34.9	33.3	31.6	30.0	28.4	26.9	25.4	23.8	22.5	21.1
-51.25°	34.7	33.2	31.6	30.1	28.5	27.1	25.6	24.1	22.8	21.5	20.2
-52.5°	33.0	31.5	30.0	28.5	27.1	25.7	24.3	23.0	21.8	20.5	19.3
-53.75°	31.2	29.8	28.4	27.1	25.7	24.4	23.1	21.9	20.7	19.6	18.5
-55°	29.4	28.1	26.9	25.6	24.3	23.1	22.0	20.8	19.7	18.7	17.9
-56.25°	27.7	26.6	25.4	24.1	23.0	21.9	20.8	19.8	18.7	18.0	17.2
-57.5°	26.1	25.0	23.8	22.8	21.8	20.7	19.7	18.7	18.0	17.3	16.5
-58.75°	24.5	23.4	22.5	21.5	20.5	19.6	18.7	18.0	17.3	16.6	15.8
-60°	22.9	22.0	21.1	20.2	19.3	18.5	17.9	17.2	16.5	15.8	15.5
-61.25°	21.5	20.7	19.8	18.9	18.3	17.7	17.1	16.4	15.8	15.5	15.1
-62.5°	20.1	19.3	18.6	18.0	17.4	16.8	16.2	15.7	15.4	15.1	14.8
-63.75°	18.8	18.2	17.7	17.1	16.6	16.0	15.6	15.3	15.0	14.8	14.5
-65°	17.8	17.3	16.7	16.2	15.7	15.5	15.2	14.9	14.7	14.4	14.0
-66.25°	16.8	16.3	15.8	15.6	15.3	15.1	14.8	14.6	14.3	13.9	13.5
-67.5°	15.8	15.6	15.3	15.1	14.9	14.6	14.4	14.1	13.7	13.4	13.0
-68.75°	15.3	15.1	14.9	14.7	14.4	14.2	13.9	13.5	13.2	12.8	12.5
-70°	14.8	14.6	14.4	14.2	13.9	13.6	13.3	12.9	12.6	12.3	11.9
-71.25°	14.3	14.1	13.8	13.5	13.2	12.9	12.6	12.4	12.0	11.6	11.2
-72.5°	13.6	13.4	13.1	12.8	12.6	12.3	12.0	11.6	11.3	10.9	10.5
-73.75°	12.9	12.7	12.4	12.2	11.9	11.5	11.2	10.8	10.5	10.1	9.8
-75°	12.2	11.9	11.6	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.0
-76.25°	11.2	10.9	10.6	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3
-77.5°	10.2	9.9	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	9.2	9.0	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7
-80°	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0
-81.25°	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.3	5.1
-82.5°	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.3	4.1
-83.75°	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.7	3.6	3.4	3.2
-85°	3.6	3.5	3.4	3.2	3.1	3.0	2.8	2.7	2.6	2.4	2.3
-86.25°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7
-87.5°	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
-88.75°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3
87.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
86.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0
85°	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3
83.75°	3.0	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.8	1.7	1.6
82.5°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	2.1	1.9
81.25°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.5	2.2
80°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7
78.75°	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.3	3.9	3.6	3.2
77.5°	7.2	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7
76.25°	7.9	7.6	7.3	6.9	6.6	6.3	5.9	5.5	5.1	4.7	4.2
75°	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.2	4.7
73.75°	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.7	5.2
72.5°	10.1	9.7	9.3	8.9	8.4	8.0	7.6	7.1	6.7	6.2	5.7
71.25°	10.8	10.3	9.9	9.5	9.0	8.6	8.1	7.6	7.2	6.7	6.2
70°	11.5	11.0	10.5	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.6
68.75°	12.1	11.7	11.2	10.7	10.2	9.7	9.2	8.6	8.1	7.6	7.0
67.5°	12.6	12.3	11.8	11.3	10.7	10.2	9.7	9.1	8.6	8.0	7.4
66.25°	13.1	12.7	12.3	11.9	11.3	10.7	10.2	9.6	9.0	8.4	7.8
65°	13.6	13.2	12.8	12.4	11.9	11.3	10.7	10.1	9.5	8.9	8.2
63.75°	14.1	13.7	13.2	12.8	12.3	11.8	11.2	10.5	9.9	9.3	8.6
62.5°	14.5	14.1	13.7	13.2	12.7	12.3	11.7	11.0	10.3	9.7	9.0
61.25°	14.8	14.5	14.1	13.6	13.1	12.6	12.1	11.5	10.8	10.1	9.4
60°	15.1	14.8	14.5	14.0	13.5	13.0	12.5	11.9	11.2	10.5	9.8
58.75°	15.5	15.1	14.8	14.4	13.9	13.4	12.8	12.3	11.6	10.9	10.1
57.5°	15.8	15.4	15.0	14.7	14.3	13.7	13.2	12.6	12.0	11.3	10.5
56.25°	16.4	15.7	15.3	14.9	14.6	14.1	13.5	12.9	12.4	11.6	10.8
55°	17.1	16.2	15.6	15.2	14.8	14.4	13.9	13.3	12.6	12.0	11.2
53.75°	17.7	16.8	16.0	15.5	15.1	14.6	14.2	13.6	12.9	12.3	11.5
52.5°	18.3	17.4	16.6	15.7	15.3	14.9	14.4	13.9	13.2	12.6	11.9
51.25°	18.9	18.0	17.1	16.2	15.6	15.1	14.7	14.2	13.5	12.8	12.2
50°	19.8	18.6	17.7	16.7	15.8	15.3	14.9	14.4	13.8	13.1	12.4
48.75°	20.7	19.3	18.2	17.3	16.3	15.6	15.1	14.6	14.1	13.4	12.7
47.5°	21.5	20.1	18.8	17.8	16.8	15.8	15.3	14.8	14.3	13.6	12.9
46.25°	22.4	20.9	19.5	18.3	17.3	16.2	15.5	15.0	14.5	13.9	13.1
45°	23.2	21.7	20.2	18.8	17.7	16.7	15.7	15.2	14.7	14.1	13.3
43.75°	24.1	22.5	20.9	19.4	18.2	17.1	16.0	15.4	14.9	14.3	13.6
42.5°	25.0	23.2	21.7	20.1	18.6	17.5	16.4	15.6	15.0	14.5	13.8
41.25°	25.9	24.1	22.4	20.7	19.1	17.9	16.8	15.7	15.2	14.6	14.0
40°	26.8	24.9	23.0	21.4	19.7	18.3	17.2	16.0	15.4	14.8	14.2
38.75°	27.7	25.7	23.8	22.0	20.4	18.7	17.6	16.4	15.5	14.9	14.4
37.5°	28.6	26.6	24.5	22.7	20.9	19.2	17.9	16.7	15.7	15.1	14.5
36.25°	29.5	27.3	25.3	23.3	21.5	19.8	18.3	17.1	15.8	15.2	14.6
35°	30.4	28.1	26.0	23.9	22.1	20.3	18.6	17.4	16.1	15.4	14.8



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	31.3	28.9	26.7	24.6	22.6	20.8	19.0	17.7	16.4	15.5	14.9
32.5°	32.1	29.7	27.4	25.3	23.1	21.3	19.4	18.0	16.7	15.6	15.0
31.25°	33.0	30.5	28.1	25.9	23.7	21.8	19.9	18.3	17.0	15.7	15.1
30°	33.8	31.3	28.8	26.5	24.3	22.2	20.3	18.6	17.2	15.9	15.2
28.75°	34.6	32.0	29.5	27.1	24.8	22.7	20.7	18.8	17.5	16.2	15.3
27.5°	35.3	32.7	30.1	27.7	25.4	23.1	21.2	19.2	17.7	16.4	15.4
26.25°	36.0	33.4	30.8	28.2	25.9	23.6	21.5	19.6	18.0	16.6	15.5
25°	36.7	34.1	31.4	28.8	26.4	24.0	21.9	19.9	18.2	16.8	15.6
23.75°	37.4	34.7	32.0	29.3	26.9	24.5	22.3	20.2	18.4	17.0	15.7
22.5°	38.0	35.3	32.6	29.9	27.3	24.9	22.6	20.6	18.6	17.2	15.8
21.25°	38.6	35.9	33.1	30.4	27.7	25.3	22.9	20.9	18.8	17.4	15.9
20°	39.2	36.4	33.6	30.9	28.1	25.7	23.2	21.1	19.0	17.6	16.1
18.75°	39.7	36.9	34.1	31.3	28.5	26.0	23.6	21.4	19.3	17.7	16.3
17.5°	40.2	37.4	34.6	31.7	28.9	26.4	23.9	21.7	19.5	17.9	16.4
16.25°	40.7	37.9	35.0	32.1	29.3	26.7	24.2	21.9	19.8	18.0	16.5
15°	41.0	38.3	35.4	32.5	29.6	27.0	24.4	22.1	20.0	18.1	16.6
13.75°	41.2	38.7	35.8	32.9	30.0	27.3	24.7	22.3	20.1	18.3	16.8
12.5°	41.5	39.0	36.1	33.2	30.3	27.5	24.9	22.5	20.3	18.4	16.9
11.25°	41.7	39.3	36.4	33.5	30.5	27.7	25.1	22.7	20.5	18.5	17.0
10°	41.9	39.6	36.7	33.7	30.8	27.9	25.3	22.8	20.6	18.6	17.0
8.75°	42.0	39.9	36.9	34.0	31.0	28.1	25.5	23.0	20.7	18.6	17.1
7.5°	42.2	40.1	37.1	34.2	31.2	28.3	25.6	23.1	20.9	18.7	17.2
6.25°	42.3	40.3	37.3	34.3	31.3	28.4	25.8	23.2	20.9	18.8	17.2
5°	42.4	40.4	37.4	34.5	31.5	28.5	25.9	23.3	21.0	18.8	17.3
3.75°	42.5	40.5	37.6	34.6	31.6	28.6	25.9	23.3	21.1	18.9	17.3
2.5°	42.6	40.6	37.6	34.6	31.6	28.7	26.0	23.4	21.1	18.9	17.3
1.25°	42.6	40.7	37.7	34.7	31.7	28.7	26.0	23.4	21.1	18.9	17.3
0°	42.6	40.7	37.7	34.7	31.7	28.7	26.1	23.4	21.2	18.9	17.4
-1.25°	42.6	40.7	37.7	34.7	31.7	28.7	26.0	23.4	21.1	18.9	17.3
-2.5°	42.6	40.6	37.6	34.6	31.6	28.7	26.0	23.4	21.1	18.9	17.3
-3.75°	42.5	40.5	37.6	34.6	31.6	28.6	25.9	23.3	21.1	18.9	17.3
-5°	42.4	40.4	37.4	34.5	31.5	28.5	25.9	23.3	21.0	18.8	17.3
-6.25°	42.3	40.3	37.3	34.3	31.3	28.4	25.8	23.2	20.9	18.8	17.2
-7.5°	42.2	40.1	37.1	34.2	31.2	28.3	25.6	23.1	20.9	18.7	17.2
-8.75°	42.0	39.9	36.9	34.0	31.0	28.1	25.5	23.0	20.7	18.6	17.1
-10°	41.9	39.6	36.7	33.7	30.8	27.9	25.3	22.8	20.6	18.6	17.0
-11.25°	41.7	39.3	36.4	33.5	30.5	27.7	25.1	22.7	20.5	18.5	17.0
-12.5°	41.5	39.0	36.1	33.2	30.3	27.5	24.9	22.5	20.3	18.4	16.9
-13.75°	41.2	38.7	35.8	32.9	30.0	27.3	24.7	22.3	20.1	18.3	16.8
-15°	41.0	38.3	35.4	32.5	29.6	27.0	24.4	22.1	20.0	18.1	16.6
-16.25°	40.7	37.9	35.0	32.1	29.3	26.7	24.2	21.9	19.8	18.0	16.5
-17.5°	40.2	37.4	34.6	31.7	28.9	26.4	23.9	21.7	19.5	17.9	16.4
-18.75°	39.7	36.9	34.1	31.3	28.5	26.0	23.6	21.4	19.3	17.7	16.3
-20°	39.2	36.4	33.6	30.9	28.1	25.7	23.2	21.1	19.0	17.6	16.1
-21.25°	38.6	35.9	33.1	30.4	27.7	25.3	22.9	20.9	18.8	17.4	15.9



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	38.0	35.3	32.6	29.9	27.3	24.9	22.6	20.6	18.6	17.2	15.8
-23.75°	37.4	34.7	32.0	29.3	26.9	24.5	22.3	20.2	18.4	17.0	15.7
-25°	36.7	34.1	31.4	28.8	26.4	24.0	21.9	19.9	18.2	16.8	15.6
-26.25°	36.0	33.4	30.8	28.2	25.9	23.6	21.5	19.6	18.0	16.6	15.5
-27.5°	35.3	32.7	30.1	27.7	25.4	23.1	21.2	19.2	17.7	16.4	15.4
-28.75°	34.6	32.0	29.5	27.1	24.8	22.7	20.7	18.8	17.5	16.2	15.3
-30°	33.8	31.3	28.8	26.5	24.3	22.2	20.3	18.6	17.2	15.9	15.2
-31.25°	33.0	30.5	28.1	25.9	23.7	21.8	19.9	18.3	17.0	15.7	15.1
-32.5°	32.1	29.7	27.4	25.3	23.1	21.3	19.4	18.0	16.7	15.6	15.0
-33.75°	31.3	28.9	26.7	24.6	22.6	20.8	19.0	17.7	16.4	15.5	14.9
-35°	30.4	28.1	26.0	23.9	22.1	20.3	18.6	17.4	16.1	15.4	14.8
-36.25°	29.5	27.3	25.3	23.3	21.5	19.8	18.3	17.1	15.8	15.2	14.6
-37.5°	28.6	26.6	24.5	22.7	20.9	19.2	17.9	16.7	15.7	15.1	14.5
-38.75°	27.7	25.7	23.8	22.0	20.4	18.7	17.6	16.4	15.5	14.9	14.4
-40°	26.8	24.9	23.0	21.4	19.7	18.3	17.2	16.0	15.4	14.8	14.2
-41.25°	25.9	24.1	22.4	20.7	19.1	17.9	16.8	15.7	15.2	14.6	14.0
-42.5°	25.0	23.2	21.7	20.1	18.6	17.5	16.4	15.6	15.0	14.5	13.8
-43.75°	24.1	22.5	20.9	19.4	18.2	17.1	16.0	15.4	14.9	14.3	13.6
-45°	23.2	21.7	20.2	18.8	17.7	16.7	15.7	15.2	14.7	14.1	13.3
-46.25°	22.4	20.9	19.5	18.3	17.3	16.2	15.5	15.0	14.5	13.9	13.1
-47.5°	21.5	20.1	18.8	17.8	16.8	15.8	15.3	14.8	14.3	13.6	12.9
-48.75°	20.7	19.3	18.2	17.3	16.3	15.6	15.1	14.6	14.1	13.4	12.7
-50°	19.8	18.6	17.7	16.7	15.8	15.3	14.9	14.4	13.8	13.1	12.4
-51.25°	18.9	18.0	17.1	16.2	15.6	15.1	14.7	14.2	13.5	12.8	12.2
-52.5°	18.3	17.4	16.6	15.7	15.3	14.9	14.4	13.9	13.2	12.6	11.9
-53.75°	17.7	16.8	16.0	15.5	15.1	14.6	14.2	13.6	12.9	12.3	11.5
-55°	17.1	16.2	15.6	15.2	14.8	14.4	13.9	13.3	12.6	12.0	11.2
-56.25°	16.4	15.7	15.3	14.9	14.6	14.1	13.5	12.9	12.4	11.6	10.8
-57.5°	15.8	15.4	15.0	14.7	14.3	13.7	13.2	12.6	12.0	11.3	10.5
-58.75°	15.5	15.1	14.8	14.4	13.9	13.4	12.8	12.3	11.6	10.9	10.1
-60°	15.1	14.8	14.5	14.0	13.5	13.0	12.5	11.9	11.2	10.5	9.8
-61.25°	14.8	14.5	14.1	13.6	13.1	12.6	12.1	11.5	10.8	10.1	9.4
-62.5°	14.5	14.1	13.7	13.2	12.7	12.3	11.7	11.0	10.3	9.7	9.0
-63.75°	14.1	13.7	13.2	12.8	12.3	11.8	11.2	10.5	9.9	9.3	8.6
-65°	13.6	13.2	12.8	12.4	11.9	11.3	10.7	10.1	9.5	8.9	8.2
-66.25°	13.1	12.7	12.3	11.9	11.3	10.7	10.2	9.6	9.0	8.4	7.8
-67.5°	12.6	12.3	11.8	11.3	10.7	10.2	9.7	9.1	8.6	8.0	7.4
-68.75°	12.1	11.7	11.2	10.7	10.2	9.7	9.2	8.6	8.1	7.6	7.0
-70°	11.5	11.0	10.5	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.6
-71.25°	10.8	10.3	9.9	9.5	9.0	8.6	8.1	7.6	7.2	6.7	6.2
-72.5°	10.1	9.7	9.3	8.9	8.4	8.0	7.6	7.1	6.7	6.2	5.7
-73.75°	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.7	5.2
-75°	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.2	4.7
-76.25°	7.9	7.6	7.3	6.9	6.6	6.3	5.9	5.5	5.1	4.7	4.2
-77.5°	7.2	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	6.5	6.2	5.9	5.6	5.3	4.9	4.6	4.3	3.9	3.6	3.2
-80°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7
-81.25°	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.5	2.2
-82.5°	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	2.1	1.9
-83.75°	3.0	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.8	1.7	1.6
-85°	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-86.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-87.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
-88.75°	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
87.5°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1
86.25°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2
85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
83.75°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3
82.5°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
81.25°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
80°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
78.75°	2.9	2.5	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4
77.5°	3.4	3.0	2.6	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
76.25°	3.8	3.4	3.0	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
75°	4.3	3.8	3.4	2.9	2.4	2.1	1.8	1.5	1.2	0.9	0.6
73.75°	4.7	4.2	3.7	3.2	2.7	2.2	1.9	1.6	1.3	1.0	0.6
72.5°	5.2	4.7	4.1	3.6	3.0	2.5	2.1	1.7	1.4	1.0	0.7
71.25°	5.7	5.1	4.5	3.9	3.3	2.7	2.2	1.8	1.5	1.1	0.7
70°	6.1	5.5	4.9	4.3	3.6	3.0	2.4	2.0	1.6	1.2	0.8
68.75°	6.5	5.9	5.3	4.6	3.9	3.3	2.6	2.1	1.7	1.2	0.8
67.5°	6.8	6.3	5.6	4.9	4.2	3.5	2.8	2.2	1.8	1.3	0.9
66.25°	7.2	6.6	6.0	5.3	4.5	3.8	3.1	2.3	1.9	1.4	0.9
65°	7.6	6.9	6.3	5.6	4.8	4.1	3.3	2.5	1.9	1.5	1.0
63.75°	8.0	7.3	6.6	5.9	5.1	4.3	3.5	2.7	2.0	1.5	1.0
62.5°	8.3	7.6	6.9	6.2	5.4	4.6	3.7	2.9	2.1	1.6	1.1
61.25°	8.7	7.9	7.2	6.5	5.7	4.8	3.9	3.0	2.2	1.7	1.1
60°	9.0	8.3	7.5	6.7	6.0	5.1	4.1	3.2	2.3	1.7	1.1
58.75°	9.4	8.6	7.8	7.0	6.2	5.3	4.3	3.4	2.4	1.8	1.2
57.5°	9.7	8.9	8.1	7.3	6.4	5.5	4.6	3.6	2.6	1.9	1.2
56.25°	10.0	9.2	8.4	7.5	6.7	5.8	4.8	3.7	2.7	1.9	1.3
55°	10.3	9.5	8.6	7.8	6.9	6.0	5.0	3.9	2.8	2.0	1.3
53.75°	10.7	9.8	8.9	8.0	7.1	6.2	5.2	4.1	3.0	2.0	1.4
52.5°	11.0	10.1	9.2	8.3	7.3	6.4	5.3	4.2	3.1	2.1	1.4
51.25°	11.3	10.4	9.4	8.5	7.5	6.6	5.5	4.4	3.2	2.2	1.4
50°	11.6	10.6	9.7	8.7	7.7	6.8	5.7	4.5	3.4	2.2	1.5
48.75°	11.9	10.9	9.9	9.0	8.0	6.9	5.9	4.7	3.5	2.3	1.5
47.5°	12.2	11.2	10.2	9.2	8.2	7.1	6.1	4.8	3.6	2.3	1.6
46.25°	12.4	11.5	10.4	9.4	8.4	7.3	6.2	5.0	3.7	2.4	1.6
45°	12.6	11.7	10.7	9.6	8.5	7.5	6.4	5.1	3.8	2.5	1.6
43.75°	12.8	12.0	10.9	9.8	8.7	7.6	6.5	5.3	3.9	2.6	1.7
42.5°	13.0	12.2	11.1	10.0	8.9	7.8	6.6	5.4	4.1	2.7	1.7
41.25°	13.2	12.4	11.3	10.2	9.1	7.9	6.8	5.5	4.2	2.8	1.7
40°	13.4	12.5	11.6	10.4	9.3	8.1	6.9	5.7	4.3	2.9	1.8
38.75°	13.5	12.7	11.8	10.6	9.4	8.2	7.0	5.8	4.4	2.9	1.8
37.5°	13.7	12.9	12.0	10.8	9.6	8.4	7.2	5.9	4.5	3.0	1.8
36.25°	13.9	13.0	12.1	11.0	9.8	8.5	7.3	6.0	4.6	3.1	1.9
35°	14.1	13.2	12.3	11.1	9.9	8.7	7.4	6.1	4.7	3.1	1.9



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	14.2	13.3	12.4	11.3	10.1	8.8	7.5	6.2	4.8	3.2	1.9
32.5°	14.4	13.5	12.6	11.5	10.2	8.9	7.6	6.3	4.8	3.3	1.9
31.25°	14.5	13.6	12.7	11.6	10.3	9.1	7.7	6.4	4.9	3.3	2.0
30°	14.6	13.8	12.8	11.8	10.5	9.2	7.8	6.5	5.0	3.4	2.0
28.75°	14.7	13.9	12.9	11.9	10.6	9.3	7.9	6.6	5.1	3.5	2.0
27.5°	14.8	14.0	13.0	12.1	10.7	9.4	8.0	6.7	5.2	3.5	2.0
26.25°	14.9	14.1	13.2	12.2	10.9	9.5	8.1	6.7	5.2	3.6	2.1
25°	14.9	14.2	13.3	12.3	11.0	9.6	8.2	6.8	5.3	3.6	2.1
23.75°	15.0	14.3	13.4	12.4	11.1	9.7	8.3	6.9	5.4	3.7	2.1
22.5°	15.1	14.4	13.5	12.4	11.2	9.8	8.4	7.0	5.4	3.7	2.1
21.25°	15.2	14.5	13.5	12.5	11.3	9.9	8.5	7.0	5.5	3.8	2.1
20°	15.2	14.5	13.6	12.6	11.4	10.0	8.5	7.1	5.6	3.8	2.2
18.75°	15.3	14.6	13.7	12.7	11.5	10.0	8.6	7.1	5.6	3.9	2.2
17.5°	15.4	14.7	13.8	12.7	11.5	10.1	8.7	7.2	5.7	3.9	2.2
16.25°	15.4	14.7	13.9	12.8	11.6	10.2	8.7	7.2	5.7	3.9	2.2
15°	15.5	14.8	13.9	12.9	11.7	10.2	8.8	7.3	5.7	4.0	2.2
13.75°	15.5	14.8	14.0	12.9	11.8	10.3	8.8	7.3	5.8	4.0	2.2
12.5°	15.6	14.9	14.0	13.0	11.8	10.3	8.9	7.4	5.8	4.0	2.2
11.25°	15.6	14.9	14.1	13.0	11.9	10.4	8.9	7.4	5.9	4.0	2.3
10°	15.7	14.9	14.1	13.0	11.9	10.4	9.0	7.4	5.9	4.1	2.3
8.75°	15.7	15.0	14.2	13.1	12.0	10.5	9.0	7.5	5.9	4.1	2.3
7.5°	15.7	15.0	14.2	13.1	12.0	10.5	9.0	7.5	5.9	4.1	2.3
6.25°	15.7	15.0	14.2	13.1	12.0	10.5	9.0	7.5	6.0	4.1	2.3
5°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
3.75°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
2.5°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
1.25°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
0°	15.8	15.1	14.3	13.2	12.1	10.6	9.1	7.6	6.0	4.2	2.3
-1.25°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
-2.5°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
-3.75°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
-5°	15.8	15.0	14.3	13.2	12.1	10.6	9.1	7.5	6.0	4.1	2.3
-6.25°	15.7	15.0	14.2	13.1	12.0	10.5	9.0	7.5	6.0	4.1	2.3
-7.5°	15.7	15.0	14.2	13.1	12.0	10.5	9.0	7.5	5.9	4.1	2.3
-8.75°	15.7	15.0	14.2	13.1	12.0	10.5	9.0	7.5	5.9	4.1	2.3
-10°	15.7	14.9	14.1	13.0	11.9	10.4	9.0	7.4	5.9	4.1	2.3
-11.25°	15.6	14.9	14.1	13.0	11.9	10.4	8.9	7.4	5.9	4.0	2.3
-12.5°	15.6	14.9	14.0	13.0	11.8	10.3	8.9	7.4	5.8	4.0	2.2
-13.75°	15.5	14.8	14.0	12.9	11.8	10.3	8.8	7.3	5.8	4.0	2.2
-15°	15.5	14.8	13.9	12.9	11.7	10.2	8.8	7.3	5.7	4.0	2.2
-16.25°	15.4	14.7	13.9	12.8	11.6	10.2	8.7	7.2	5.7	3.9	2.2
-17.5°	15.4	14.7	13.8	12.7	11.5	10.1	8.7	7.2	5.7	3.9	2.2
-18.75°	15.3	14.6	13.7	12.7	11.5	10.0	8.6	7.1	5.6	3.9	2.2
-20°	15.2	14.5	13.6	12.6	11.4	10.0	8.5	7.1	5.6	3.8	2.2
-21.25°	15.2	14.5	13.5	12.5	11.3	9.9	8.5	7.0	5.5	3.8	2.1



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	15.1	14.4	13.5	12.4	11.2	9.8	8.4	7.0	5.4	3.7	2.1
-23.75°	15.0	14.3	13.4	12.4	11.1	9.7	8.3	6.9	5.4	3.7	2.1
-25°	14.9	14.2	13.3	12.3	11.0	9.6	8.2	6.8	5.3	3.6	2.1
-26.25°	14.9	14.1	13.2	12.2	10.9	9.5	8.1	6.7	5.2	3.6	2.1
-27.5°	14.8	14.0	13.0	12.1	10.7	9.4	8.0	6.7	5.2	3.5	2.0
-28.75°	14.7	13.9	12.9	11.9	10.6	9.3	7.9	6.6	5.1	3.5	2.0
-30°	14.6	13.8	12.8	11.8	10.5	9.2	7.8	6.5	5.0	3.4	2.0
-31.25°	14.5	13.6	12.7	11.6	10.3	9.1	7.7	6.4	4.9	3.3	2.0
-32.5°	14.4	13.5	12.6	11.5	10.2	8.9	7.6	6.3	4.8	3.3	1.9
-33.75°	14.2	13.3	12.4	11.3	10.1	8.8	7.5	6.2	4.8	3.2	1.9
-35°	14.1	13.2	12.3	11.1	9.9	8.7	7.4	6.1	4.7	3.1	1.9
-36.25°	13.9	13.0	12.1	11.0	9.8	8.5	7.3	6.0	4.6	3.1	1.9
-37.5°	13.7	12.9	12.0	10.8	9.6	8.4	7.2	5.9	4.5	3.0	1.8
-38.75°	13.5	12.7	11.8	10.6	9.4	8.2	7.0	5.8	4.4	2.9	1.8
-40°	13.4	12.5	11.6	10.4	9.3	8.1	6.9	5.7	4.3	2.9	1.8
-41.25°	13.2	12.4	11.3	10.2	9.1	7.9	6.8	5.5	4.2	2.8	1.7
-42.5°	13.0	12.2	11.1	10.0	8.9	7.8	6.6	5.4	4.1	2.7	1.7
-43.75°	12.8	12.0	10.9	9.8	8.7	7.6	6.5	5.3	3.9	2.6	1.7
-45°	12.6	11.7	10.7	9.6	8.5	7.5	6.4	5.1	3.8	2.5	1.6
-46.25°	12.4	11.5	10.4	9.4	8.4	7.3	6.2	5.0	3.7	2.4	1.6
-47.5°	12.2	11.2	10.2	9.2	8.2	7.1	6.1	4.8	3.6	2.3	1.6
-48.75°	11.9	10.9	9.9	9.0	8.0	6.9	5.9	4.7	3.5	2.3	1.5
-50°	11.6	10.6	9.7	8.7	7.7	6.8	5.7	4.5	3.4	2.2	1.5
-51.25°	11.3	10.4	9.4	8.5	7.5	6.6	5.5	4.4	3.2	2.2	1.4
-52.5°	11.0	10.1	9.2	8.3	7.3	6.4	5.3	4.2	3.1	2.1	1.4
-53.75°	10.7	9.8	8.9	8.0	7.1	6.2	5.2	4.1	3.0	2.0	1.4
-55°	10.3	9.5	8.6	7.8	6.9	6.0	5.0	3.9	2.8	2.0	1.3
-56.25°	10.0	9.2	8.4	7.5	6.7	5.8	4.8	3.7	2.7	1.9	1.3
-57.5°	9.7	8.9	8.1	7.3	6.4	5.5	4.6	3.6	2.6	1.9	1.2
-58.75°	9.4	8.6	7.8	7.0	6.2	5.3	4.3	3.4	2.4	1.8	1.2
-60°	9.0	8.3	7.5	6.7	6.0	5.1	4.1	3.2	2.3	1.7	1.1
-61.25°	8.7	7.9	7.2	6.5	5.7	4.8	3.9	3.0	2.2	1.7	1.1
-62.5°	8.3	7.6	6.9	6.2	5.4	4.6	3.7	2.9	2.1	1.6	1.1
-63.75°	8.0	7.3	6.6	5.9	5.1	4.3	3.5	2.7	2.0	1.5	1.0
-65°	7.6	6.9	6.3	5.6	4.8	4.1	3.3	2.5	1.9	1.5	1.0
-66.25°	7.2	6.6	6.0	5.3	4.5	3.8	3.1	2.3	1.9	1.4	0.9
-67.5°	6.8	6.3	5.6	4.9	4.2	3.5	2.8	2.2	1.8	1.3	0.9
-68.75°	6.5	5.9	5.3	4.6	3.9	3.3	2.6	2.1	1.7	1.2	0.8
-70°	6.1	5.5	4.9	4.3	3.6	3.0	2.4	2.0	1.6	1.2	0.8
-71.25°	5.7	5.1	4.5	3.9	3.3	2.7	2.2	1.8	1.5	1.1	0.7
-72.5°	5.2	4.7	4.1	3.6	3.0	2.5	2.1	1.7	1.4	1.0	0.7
-73.75°	4.7	4.2	3.7	3.2	2.7	2.2	1.9	1.6	1.3	1.0	0.6
-75°	4.3	3.8	3.4	2.9	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-76.25°	3.8	3.4	3.0	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-77.5°	3.4	3.0	2.6	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	2.9	2.5	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4
-80°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-81.25°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-82.5°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-83.75°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3
-85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-86.25°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2
-87.5°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1
-88.75°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-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°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.2	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.3	0.0
75°	0.3	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.4	0.0
70°	0.4	0.0
68.75°	0.4	0.0
67.5°	0.4	0.0
66.25°	0.5	0.0
65°	0.5	0.0
63.75°	0.5	0.0
62.5°	0.5	0.0
61.25°	0.6	0.0
60°	0.6	0.0
58.75°	0.6	0.0
57.5°	0.6	0.0
56.25°	0.6	0.0
55°	0.7	0.0
53.75°	0.7	0.0
52.5°	0.7	0.0
51.25°	0.7	0.0
50°	0.7	0.0
48.75°	0.8	0.0
47.5°	0.8	0.0
46.25°	0.8	0.0
45°	0.8	0.0
43.75°	0.8	0.0
42.5°	0.8	0.0
41.25°	0.9	0.0
40°	0.9	0.0
38.75°	0.9	0.0
37.5°	0.9	0.0
36.25°	0.9	0.0
35°	0.9	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.0	0.0
32.5°	1.0	0.0
31.25°	1.0	0.0
30°	1.0	0.0
28.75°	1.0	0.0
27.5°	1.0	0.0
26.25°	1.0	0.0
25°	1.0	0.0
23.75°	1.1	0.0
22.5°	1.1	0.0
21.25°	1.1	0.0
20°	1.1	0.0
18.75°	1.1	0.0
17.5°	1.1	0.0
16.25°	1.1	0.0
15°	1.1	0.0
13.75°	1.1	0.0
12.5°	1.1	0.0
11.25°	1.1	0.0
10°	1.1	0.0
8.75°	1.1	0.0
7.5°	1.1	0.0
6.25°	1.1	0.0
5°	1.1	0.0
3.75°	1.1	0.0
2.5°	1.1	0.0
1.25°	1.1	0.0
0°	1.1	0.0
-1.25°	1.1	0.0
-2.5°	1.1	0.0
-3.75°	1.1	0.0
-5°	1.1	0.0
-6.25°	1.1	0.0
-7.5°	1.1	0.0
-8.75°	1.1	0.0
-10°	1.1	0.0
-11.25°	1.1	0.0
-12.5°	1.1	0.0
-13.75°	1.1	0.0
-15°	1.1	0.0
-16.25°	1.1	0.0
-17.5°	1.1	0.0
-18.75°	1.1	0.0
-20°	1.1	0.0
-21.25°	1.1	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.1	0.0
-23.75°	1.1	0.0
-25°	1.0	0.0
-26.25°	1.0	0.0
-27.5°	1.0	0.0
-28.75°	1.0	0.0
-30°	1.0	0.0
-31.25°	1.0	0.0
-32.5°	1.0	0.0
-33.75°	1.0	0.0
-35°	0.9	0.0
-36.25°	0.9	0.0
-37.5°	0.9	0.0
-38.75°	0.9	0.0
-40°	0.9	0.0
-41.25°	0.9	0.0
-42.5°	0.8	0.0
-43.75°	0.8	0.0
-45°	0.8	0.0
-46.25°	0.8	0.0
-47.5°	0.8	0.0
-48.75°	0.8	0.0
-50°	0.7	0.0
-51.25°	0.7	0.0
-52.5°	0.7	0.0
-53.75°	0.7	0.0
-55°	0.7	0.0
-56.25°	0.6	0.0
-57.5°	0.6	0.0
-58.75°	0.6	0.0
-60°	0.6	0.0
-61.25°	0.6	0.0
-62.5°	0.5	0.0
-63.75°	0.5	0.0
-65°	0.5	0.0
-66.25°	0.5	0.0
-67.5°	0.4	0.0
-68.75°	0.4	0.0
-70°	0.4	0.0
-71.25°	0.4	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.3	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P220442 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

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