

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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

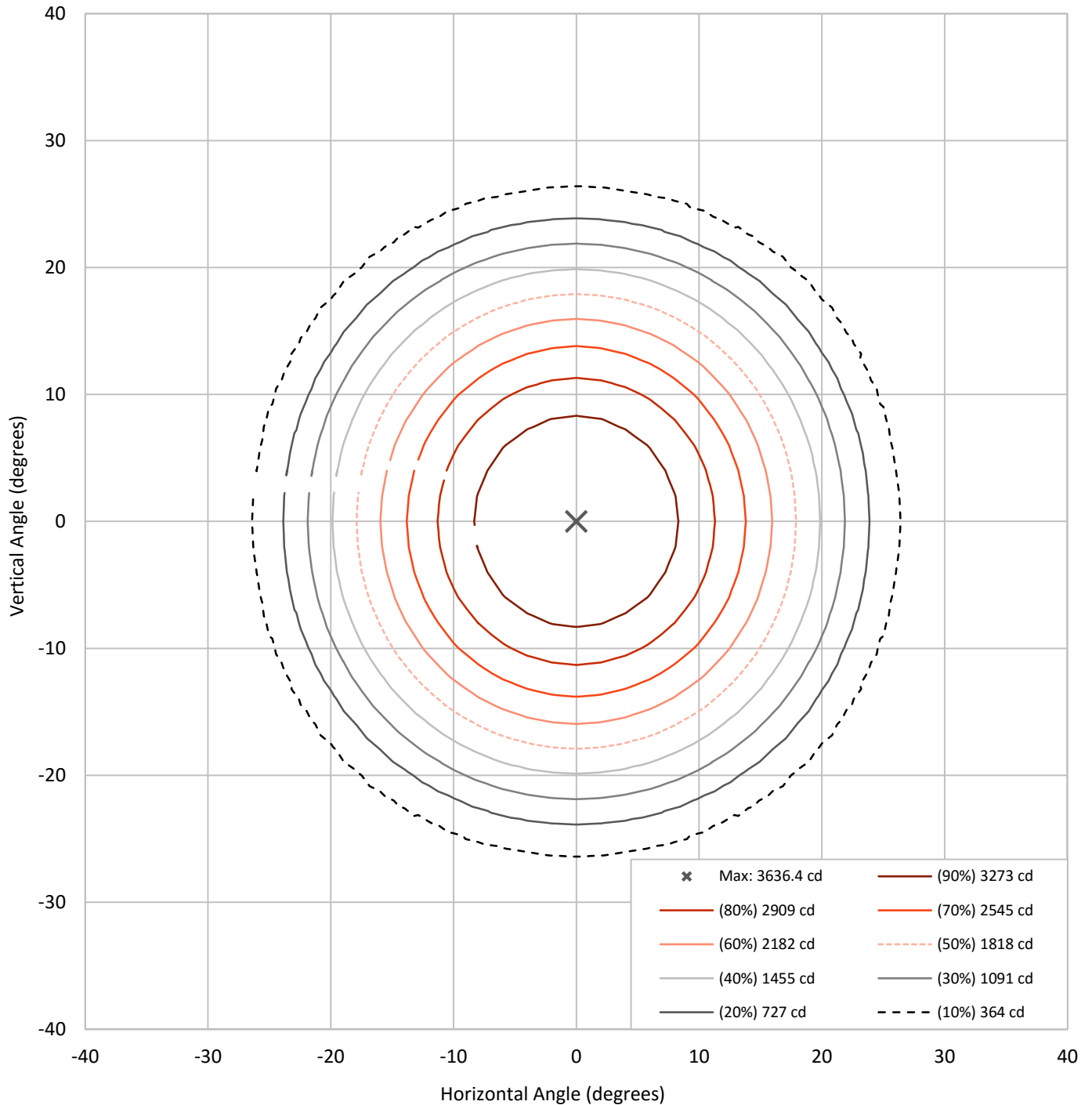
Test Method: LM-79-08
Report Number: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1415.7 lumens	Max Intensity:	3636.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	70.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	832.4 lumens	Field Lumens:	1182.4 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L2-UNV

Iso-Candela Plot





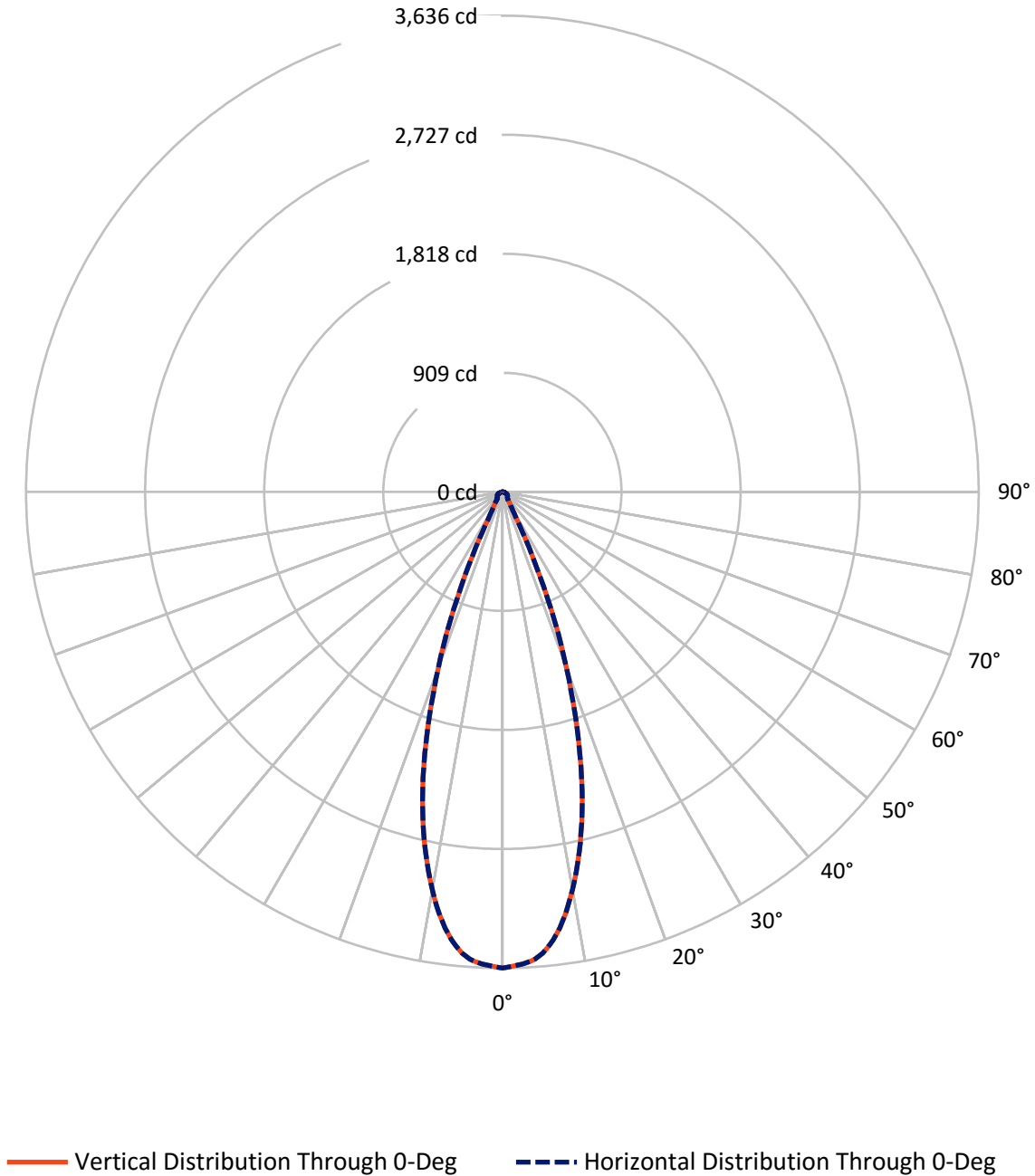
REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L2-UNV

Lumen Table

90	0.0	0.3	0.8	1.1	1.3	1.1	0.8	0.3	0.0										
80	0.0	0.3	0.8	1.1	1.3	1.1	0.8	0.3	0.0										
70	0.2	0.1	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.9	0.7	0.6	0.4	0.3	0.1	0.2			
60		0.2	0.4	0.6	0.9	1.2	1.3	1.4	1.4	1.3	1.2	0.9	0.6	0.4	0.2				
50	0.2	0.2	0.5	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.5	0.2	0.2			
40		0.3	0.7	1.0	1.3	1.6	2.0	2.5	2.5	2.0	1.6	1.3	1.0	0.7	0.3				
30	0.3	0.4	0.7	1.1	1.4	2.4	7.1	16.7	16.7	7.1	2.4	1.4	1.1	0.7	0.4	0.3			
20		0.4	0.8	1.2	1.7	6.7	35.6	64.8	64.8	35.6	6.7	1.7	1.2	0.8	0.4				
10	0.3	0.4	0.8	1.2	2.1	15.4	63.0	99.5	99.5	63.0	15.4	2.1	1.2	0.8	0.4	0.3			
0		0.4	0.8	1.2	2.1	15.4	63.0	99.5	99.5	63.0	15.4	2.1	1.2	0.8	0.4				
-10	0.3	0.4	0.8	1.2	2.1	15.4	63.0	99.5	99.5	63.0	15.4	2.1	1.2	0.8	0.4	0.3			
-20		0.4	0.8	1.2	1.7	6.7	35.6	64.8	64.8	35.6	6.7	1.7	1.2	0.8	0.4				
-30	0.2	0.4	0.7	1.1	1.4	2.4	7.1	16.7	16.7	7.1	2.4	1.4	1.1	0.7	0.4	0.2			
-40		0.3	0.7	1.0	1.3	1.6	2.0	2.5	2.5	2.0	1.6	1.3	1.0	0.7	0.3				
-50	0.2	0.2	0.5	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2	0.9	0.5	0.2	0.2			
-60		0.2	0.4	0.6	0.9	1.2	1.3	1.4	1.4	1.3	1.2	0.9	0.6	0.4	0.2				
-70	0.2	0.1	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.9	0.7	0.6	0.4	0.3	0.1	0.2			
-80		0.0	0.3	0.8	1.1	1.3	1.1	0.8	0.3	0.0									
-90	0.0	0.3	0.8	1.1	1.3	1.1	0.8	0.3	0.0										

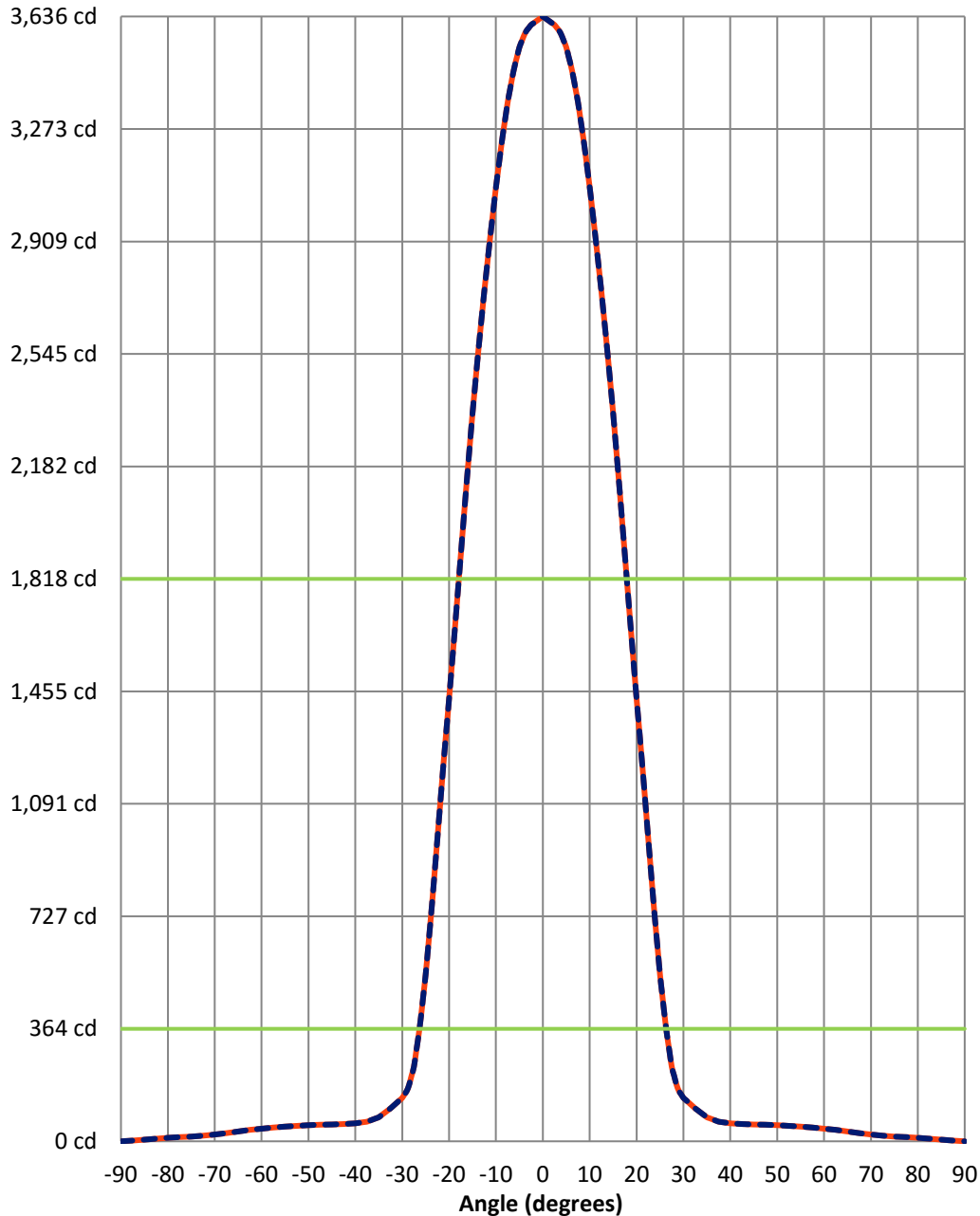
REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-WT-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 35.8°
 V Angle: 35.8°
 Lumens: 832.4
 Efficiency: 58.8%

Field:
 H Angle: 52.6°
 V Angle: 52.6°
 Lumens: 1182.4
 Efficiency: 83.5%

Spill:
 Lumens: 233.3
 Efficiency: 16.5%

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

REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	2.5
76.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8
75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.2
73.75°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.5
72.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.9	3.3	3.8
71.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.1	3.6	4.1
70°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.4	3.9	4.4
68.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.6	3.1	3.6	4.2	4.7
67.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.3	3.9	4.4	5.0
66.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.9	3.5	4.1	4.7	5.3
65°	0.0	0.5	1.0	1.5	1.9	2.5	3.1	3.7	4.4	5.0	5.6
63.75°	0.0	0.5	1.0	1.5	2.0	2.6	3.3	3.9	4.6	5.2	5.9
62.5°	0.0	0.5	1.1	1.6	2.1	2.8	3.4	4.1	4.8	5.5	6.2
61.25°	0.0	0.6	1.1	1.7	2.2	2.9	3.6	4.3	5.0	5.8	6.5
60°	0.0	0.6	1.1	1.7	2.3	3.0	3.8	4.5	5.3	6.0	6.8
58.75°	0.0	0.6	1.2	1.8	2.4	3.2	4.0	4.7	5.5	6.3	7.0
57.5°	0.0	0.6	1.2	1.9	2.5	3.3	4.1	4.9	5.7	6.5	7.3
56.25°	0.0	0.6	1.3	1.9	2.6	3.5	4.3	5.1	5.9	6.8	7.6
55°	0.0	0.7	1.3	2.0	2.7	3.6	4.5	5.3	6.2	7.0	7.9
53.75°	0.0	0.7	1.4	2.0	2.8	3.7	4.6	5.5	6.4	7.2	8.1
52.5°	0.0	0.7	1.4	2.1	2.9	3.9	4.8	5.7	6.6	7.5	8.4
51.25°	0.0	0.7	1.4	2.2	3.1	4.0	4.9	5.9	6.8	7.7	8.6
50°	0.0	0.7	1.5	2.2	3.2	4.1	5.1	6.0	7.0	7.9	8.9
48.75°	0.0	0.8	1.5	2.3	3.3	4.2	5.2	6.2	7.2	8.2	9.1
47.5°	0.0	0.8	1.6	2.3	3.4	4.4	5.4	6.4	7.4	8.4	9.4
46.25°	0.0	0.8	1.6	2.4	3.4	4.5	5.5	6.5	7.6	8.6	9.6
45°	0.0	0.8	1.6	2.5	3.5	4.6	5.7	6.7	7.8	8.8	9.9
43.75°	0.0	0.8	1.7	2.5	3.6	4.7	5.8	6.9	7.9	9.0	10.1
42.5°	0.0	0.8	1.7	2.6	3.7	4.8	5.9	7.0	8.1	9.2	10.3
41.25°	0.0	0.9	1.7	2.7	3.8	4.9	6.1	7.2	8.3	9.4	10.5
40°	0.0	0.9	1.8	2.7	3.9	5.0	6.2	7.3	8.5	9.6	10.8
38.75°	0.0	0.9	1.8	2.8	4.0	5.1	6.3	7.5	8.6	9.8	11.0
37.5°	0.0	0.9	1.8	2.9	4.1	5.2	6.4	7.6	8.8	10.0	11.2
36.25°	0.0	0.9	1.9	2.9	4.1	5.3	6.6	7.8	9.0	10.2	11.3
35°	0.0	0.9	1.9	3.0	4.2	5.4	6.7	7.9	9.1	10.3	11.5



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	3.0	4.3	5.5	6.8	8.0	9.3	10.5	11.6
32.5°	0.0	1.0	1.9	3.1	4.4	5.6	6.9	8.1	9.4	10.7	11.8
31.25°	0.0	1.0	2.0	3.1	4.4	5.7	7.0	8.3	9.5	10.8	11.9
30°	0.0	1.0	2.0	3.2	4.5	5.8	7.1	8.4	9.7	11.0	12.0
28.75°	0.0	1.0	2.0	3.2	4.6	5.9	7.2	8.5	9.8	11.1	12.2
27.5°	0.0	1.0	2.0	3.3	4.6	5.9	7.3	8.6	9.9	11.3	12.3
26.25°	0.0	1.0	2.1	3.3	4.7	6.0	7.4	8.7	10.1	11.4	12.4
25°	0.0	1.0	2.1	3.4	4.7	6.1	7.5	8.8	10.2	11.5	12.5
23.75°	0.0	1.1	2.1	3.4	4.8	6.2	7.5	8.9	10.3	11.6	12.6
22.5°	0.0	1.1	2.1	3.5	4.8	6.2	7.6	9.0	10.4	11.7	12.7
21.25°	0.0	1.1	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.7	12.8
20°	0.0	1.1	2.2	3.5	4.9	6.3	7.8	9.2	10.6	11.8	12.9
18.75°	0.0	1.1	2.2	3.6	5.0	6.4	7.8	9.2	10.7	11.9	13.0
17.5°	0.0	1.1	2.2	3.6	5.0	6.5	7.9	9.3	10.7	12.0	13.1
16.25°	0.0	1.1	2.2	3.6	5.1	6.5	7.9	9.4	10.8	12.0	13.1
15°	0.0	1.1	2.2	3.6	5.1	6.5	8.0	9.4	10.9	12.1	13.2
13.75°	0.0	1.1	2.2	3.7	5.1	6.6	8.0	9.5	11.0	12.1	13.3
12.5°	0.0	1.1	2.2	3.7	5.2	6.6	8.1	9.5	11.0	12.2	13.3
11.25°	0.0	1.1	2.3	3.7	5.2	6.7	8.1	9.6	11.1	12.2	13.4
10°	0.0	1.1	2.3	3.7	5.2	6.7	8.2	9.6	11.1	12.3	13.4
8.75°	0.0	1.1	2.3	3.7	5.2	6.7	8.2	9.7	11.2	12.3	13.5
7.5°	0.0	1.1	2.3	3.8	5.2	6.7	8.2	9.7	11.2	12.4	13.5
6.25°	0.0	1.1	2.3	3.8	5.3	6.8	8.2	9.7	11.2	12.4	13.5
5°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
3.75°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
2.5°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
1.25°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
0°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
-1.25°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
-2.5°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
-3.75°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
-5°	0.0	1.1	2.3	3.8	5.3	6.8	8.3	9.8	11.3	12.4	13.6
-6.25°	0.0	1.1	2.3	3.8	5.3	6.8	8.2	9.7	11.2	12.4	13.5
-7.5°	0.0	1.1	2.3	3.8	5.2	6.7	8.2	9.7	11.2	12.4	13.5
-8.75°	0.0	1.1	2.3	3.7	5.2	6.7	8.2	9.7	11.2	12.3	13.5
-10°	0.0	1.1	2.3	3.7	5.2	6.7	8.2	9.6	11.1	12.3	13.4
-11.25°	0.0	1.1	2.3	3.7	5.2	6.7	8.1	9.6	11.1	12.2	13.4
-12.5°	0.0	1.1	2.2	3.7	5.2	6.6	8.1	9.5	11.0	12.2	13.3
-13.75°	0.0	1.1	2.2	3.7	5.1	6.6	8.0	9.5	11.0	12.1	13.3
-15°	0.0	1.1	2.2	3.6	5.1	6.5	8.0	9.4	10.9	12.1	13.2
-16.25°	0.0	1.1	2.2	3.6	5.1	6.5	7.9	9.4	10.8	12.0	13.1
-17.5°	0.0	1.1	2.2	3.6	5.0	6.5	7.9	9.3	10.7	12.0	13.1
-18.75°	0.0	1.1	2.2	3.6	5.0	6.4	7.8	9.2	10.7	11.9	13.0
-20°	0.0	1.1	2.2	3.5	4.9	6.3	7.8	9.2	10.6	11.8	12.9
-21.25°	0.0	1.1	2.1	3.5	4.9	6.3	7.7	9.1	10.5	11.7	12.8



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	3.5	4.8	6.2	7.6	9.0	10.4	11.7	12.7
-23.75°	0.0	1.1	2.1	3.4	4.8	6.2	7.5	8.9	10.3	11.6	12.6
-25°	0.0	1.0	2.1	3.4	4.7	6.1	7.5	8.8	10.2	11.5	12.5
-26.25°	0.0	1.0	2.1	3.3	4.7	6.0	7.4	8.7	10.1	11.4	12.4
-27.5°	0.0	1.0	2.0	3.3	4.6	5.9	7.3	8.6	9.9	11.3	12.3
-28.75°	0.0	1.0	2.0	3.2	4.6	5.9	7.2	8.5	9.8	11.1	12.2
-30°	0.0	1.0	2.0	3.2	4.5	5.8	7.1	8.4	9.7	11.0	12.0
-31.25°	0.0	1.0	2.0	3.1	4.4	5.7	7.0	8.3	9.5	10.8	11.9
-32.5°	0.0	1.0	1.9	3.1	4.4	5.6	6.9	8.1	9.4	10.7	11.8
-33.75°	0.0	1.0	1.9	3.0	4.3	5.5	6.8	8.0	9.3	10.5	11.6
-35°	0.0	0.9	1.9	3.0	4.2	5.4	6.7	7.9	9.1	10.3	11.5
-36.25°	0.0	0.9	1.9	2.9	4.1	5.3	6.6	7.8	9.0	10.2	11.3
-37.5°	0.0	0.9	1.8	2.9	4.1	5.2	6.4	7.6	8.8	10.0	11.2
-38.75°	0.0	0.9	1.8	2.8	4.0	5.1	6.3	7.5	8.6	9.8	11.0
-40°	0.0	0.9	1.8	2.7	3.9	5.0	6.2	7.3	8.5	9.6	10.8
-41.25°	0.0	0.9	1.7	2.7	3.8	4.9	6.1	7.2	8.3	9.4	10.5
-42.5°	0.0	0.8	1.7	2.6	3.7	4.8	5.9	7.0	8.1	9.2	10.3
-43.75°	0.0	0.8	1.7	2.5	3.6	4.7	5.8	6.9	7.9	9.0	10.1
-45°	0.0	0.8	1.6	2.5	3.5	4.6	5.7	6.7	7.8	8.8	9.9
-46.25°	0.0	0.8	1.6	2.4	3.4	4.5	5.5	6.5	7.6	8.6	9.6
-47.5°	0.0	0.8	1.6	2.3	3.4	4.4	5.4	6.4	7.4	8.4	9.4
-48.75°	0.0	0.8	1.5	2.3	3.3	4.2	5.2	6.2	7.2	8.2	9.1
-50°	0.0	0.7	1.5	2.2	3.2	4.1	5.1	6.0	7.0	7.9	8.9
-51.25°	0.0	0.7	1.4	2.2	3.1	4.0	4.9	5.9	6.8	7.7	8.6
-52.5°	0.0	0.7	1.4	2.1	2.9	3.9	4.8	5.7	6.6	7.5	8.4
-53.75°	0.0	0.7	1.4	2.0	2.8	3.7	4.6	5.5	6.4	7.2	8.1
-55°	0.0	0.7	1.3	2.0	2.7	3.6	4.5	5.3	6.2	7.0	7.9
-56.25°	0.0	0.6	1.3	1.9	2.6	3.5	4.3	5.1	5.9	6.8	7.6
-57.5°	0.0	0.6	1.2	1.9	2.5	3.3	4.1	4.9	5.7	6.5	7.3
-58.75°	0.0	0.6	1.2	1.8	2.4	3.2	4.0	4.7	5.5	6.3	7.0
-60°	0.0	0.6	1.1	1.7	2.3	3.0	3.8	4.5	5.3	6.0	6.8
-61.25°	0.0	0.6	1.1	1.7	2.2	2.9	3.6	4.3	5.0	5.8	6.5
-62.5°	0.0	0.5	1.1	1.6	2.1	2.8	3.4	4.1	4.8	5.5	6.2
-63.75°	0.0	0.5	1.0	1.5	2.0	2.6	3.3	3.9	4.6	5.2	5.9
-65°	0.0	0.5	1.0	1.5	1.9	2.5	3.1	3.7	4.4	5.0	5.6
-66.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.9	3.5	4.1	4.7	5.3
-67.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.3	3.9	4.4	5.0
-68.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.6	3.1	3.6	4.2	4.7
-70°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.4	3.9	4.4
-71.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.1	3.6	4.1
-72.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.9	3.3	3.8
-73.75°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.5
-75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.2
-76.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8
-77.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	2.6
82.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.3
81.25°	1.9	2.1	2.2	2.4	2.7	2.9	3.1	3.3	3.5	3.7	3.9
80°	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6
78.75°	2.5	2.8	3.1	3.3	3.6	3.9	4.2	4.4	4.7	5.0	5.2
77.5°	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
76.25°	3.2	3.5	3.9	4.2	4.6	4.9	5.2	5.6	5.9	6.2	6.5
75°	3.5	3.9	4.3	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.2
73.75°	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.8
72.5°	4.2	4.7	5.1	5.5	6.0	6.4	6.8	7.2	7.6	8.1	8.5
71.25°	4.6	5.0	5.5	6.0	6.4	6.9	7.3	7.8	8.2	8.7	9.1
70°	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.8	9.3	9.7
68.75°	5.2	5.8	6.3	6.8	7.3	7.8	8.4	8.9	9.4	9.9	10.4
67.5°	5.6	6.1	6.7	7.2	7.8	8.3	8.9	9.4	9.9	10.5	11.0
66.25°	5.9	6.5	7.1	7.6	8.2	8.8	9.4	9.9	10.5	11.1	11.5
65°	6.2	6.8	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.6	12.0
63.75°	6.5	7.2	7.8	8.5	9.1	9.7	10.4	11.0	11.5	12.0	12.5
62.5°	6.9	7.5	8.2	8.9	9.5	10.2	10.9	11.5	12.0	12.5	12.9
61.25°	7.2	7.9	8.6	9.3	10.0	10.7	11.3	11.9	12.4	12.9	13.4
60°	7.5	8.2	9.0	9.7	10.4	11.1	11.7	12.2	12.8	13.3	13.8
58.75°	7.8	8.6	9.3	10.1	10.8	11.5	12.1	12.6	13.2	13.7	14.1
57.5°	8.1	8.9	9.7	10.5	11.2	11.8	12.4	13.0	13.6	14.0	14.3
56.25°	8.4	9.2	10.0	10.8	11.6	12.2	12.8	13.4	13.9	14.2	14.6
55°	8.7	9.5	10.4	11.2	11.9	12.5	13.1	13.7	14.1	14.5	14.9
53.75°	9.0	9.9	10.7	11.5	12.2	12.8	13.5	13.9	14.4	14.8	15.3
52.5°	9.3	10.2	11.1	11.8	12.5	13.2	13.7	14.2	14.6	15.0	15.8
51.25°	9.6	10.5	11.4	12.1	12.8	13.5	14.0	14.4	14.9	15.5	16.4
50°	9.8	10.8	11.6	12.4	13.1	13.7	14.2	14.6	15.1	16.0	16.9
48.75°	10.1	11.1	11.9	12.6	13.4	13.9	14.4	14.9	15.6	16.5	17.4
47.5°	10.4	11.4	12.1	12.9	13.6	14.1	14.6	15.1	16.0	17.0	18.0
46.25°	10.7	11.6	12.4	13.1	13.8	14.3	14.8	15.5	16.5	17.5	18.6
45°	10.9	11.8	12.6	13.4	14.0	14.5	15.0	15.9	17.0	18.0	19.2
43.75°	11.2	12.0	12.8	13.6	14.2	14.7	15.3	16.4	17.4	18.5	19.8
42.5°	11.4	12.2	13.1	13.8	14.3	14.9	15.7	16.8	17.8	19.1	20.4
41.25°	11.6	12.4	13.3	13.9	14.5	15.0	16.1	17.2	18.3	19.7	21.0
40°	11.8	12.6	13.5	14.1	14.7	15.3	16.4	17.6	18.8	20.2	21.6
38.75°	11.9	12.8	13.7	14.2	14.8	15.7	16.8	17.9	19.3	20.8	22.2
37.5°	12.1	13.0	13.8	14.4	15.0	16.0	17.2	18.4	19.8	21.3	22.9
36.25°	12.3	13.2	13.9	14.5	15.1	16.3	17.5	18.8	20.3	21.8	23.5
35°	12.4	13.4	14.1	14.7	15.4	16.6	17.8	19.3	20.8	22.4	24.1



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	12.6	13.5	14.2	14.8	15.7	16.9	18.2	19.7	21.2	22.9	24.7
32.5°	12.7	13.7	14.3	14.9	16.0	17.2	18.6	20.1	21.7	23.5	25.3
31.25°	12.9	13.8	14.4	15.0	16.2	17.5	18.9	20.5	22.2	24.0	25.9
30°	13.0	13.9	14.5	15.2	16.5	17.8	19.3	20.9	22.6	24.5	26.4
28.75°	13.2	14.0	14.6	15.4	16.7	18.0	19.7	21.3	23.1	25.0	27.1
27.5°	13.3	14.1	14.7	15.7	17.0	18.3	20.0	21.7	23.6	25.5	27.7
26.25°	13.4	14.2	14.8	15.9	17.2	18.7	20.3	22.0	24.0	26.0	28.2
25°	13.5	14.2	14.9	16.1	17.4	18.9	20.6	22.4	24.4	26.4	28.8
23.75°	13.6	14.3	15.0	16.3	17.6	19.2	20.9	22.8	24.8	26.9	29.3
22.5°	13.7	14.4	15.1	16.5	17.8	19.5	21.2	23.2	25.2	27.4	29.8
21.25°	13.8	14.5	15.2	16.6	18.0	19.8	21.5	23.5	25.6	27.9	30.3
20°	13.8	14.5	15.4	16.8	18.2	20.0	21.8	23.8	25.9	28.3	30.8
18.75°	13.9	14.6	15.5	17.0	18.4	20.2	22.0	24.1	26.3	28.7	31.2
17.5°	14.0	14.7	15.7	17.1	18.6	20.4	22.3	24.4	26.6	29.1	31.6
16.25°	14.0	14.7	15.8	17.2	18.8	20.6	22.6	24.7	26.9	29.4	32.0
15°	14.1	14.8	15.9	17.4	19.0	20.8	22.8	24.9	27.2	29.8	32.3
13.75°	14.1	14.8	16.0	17.5	19.2	21.0	23.0	25.2	27.5	30.1	32.6
12.5°	14.2	14.9	16.1	17.6	19.3	21.1	23.2	25.4	27.8	30.4	32.9
11.25°	14.2	14.9	16.2	17.7	19.4	21.3	23.4	25.6	28.0	30.6	33.2
10°	14.2	15.0	16.3	17.8	19.6	21.4	23.5	25.8	28.2	30.8	33.4
8.75°	14.3	15.0	16.4	17.8	19.7	21.5	23.7	25.9	28.4	31.0	33.7
7.5°	14.3	15.0	16.4	17.9	19.7	21.6	23.8	26.0	28.6	31.2	33.8
6.25°	14.3	15.0	16.5	18.0	19.8	21.7	23.9	26.1	28.7	31.4	34.0
5°	14.3	15.1	16.5	18.0	19.9	21.8	24.0	26.2	28.8	31.5	34.1
3.75°	14.3	15.1	16.6	18.1	19.9	21.8	24.1	26.3	28.9	31.6	34.2
2.5°	14.3	15.1	16.6	18.1	20.0	21.9	24.1	26.4	29.0	31.6	34.3
1.25°	14.3	15.1	16.6	18.1	20.0	21.9	24.1	26.4	29.0	31.7	34.3
0°	14.4	15.1	16.6	18.1	20.0	21.9	24.2	26.4	29.1	31.7	34.4
-1.25°	14.3	15.1	16.6	18.1	20.0	21.9	24.1	26.4	29.0	31.7	34.3
-2.5°	14.3	15.1	16.6	18.1	20.0	21.9	24.1	26.4	29.0	31.6	34.3
-3.75°	14.3	15.1	16.6	18.1	19.9	21.8	24.1	26.3	28.9	31.6	34.2
-5°	14.3	15.1	16.5	18.0	19.9	21.8	24.0	26.2	28.8	31.5	34.1
-6.25°	14.3	15.0	16.5	18.0	19.8	21.7	23.9	26.1	28.7	31.4	34.0
-7.5°	14.3	15.0	16.4	17.9	19.7	21.6	23.8	26.0	28.6	31.2	33.8
-8.75°	14.3	15.0	16.4	17.8	19.7	21.5	23.7	25.9	28.4	31.0	33.7
-10°	14.2	15.0	16.3	17.8	19.6	21.4	23.5	25.8	28.2	30.8	33.4
-11.25°	14.2	14.9	16.2	17.7	19.4	21.3	23.4	25.6	28.0	30.6	33.2
-12.5°	14.2	14.9	16.1	17.6	19.3	21.1	23.2	25.4	27.8	30.4	32.9
-13.75°	14.1	14.8	16.0	17.5	19.2	21.0	23.0	25.2	27.5	30.1	32.6
-15°	14.1	14.8	15.9	17.4	19.0	20.8	22.8	24.9	27.2	29.8	32.3
-16.25°	14.0	14.7	15.8	17.2	18.8	20.6	22.6	24.7	26.9	29.4	32.0
-17.5°	14.0	14.7	15.7	17.1	18.6	20.4	22.3	24.4	26.6	29.1	31.6
-18.75°	13.9	14.6	15.5	17.0	18.4	20.2	22.0	24.1	26.3	28.7	31.2
-20°	13.8	14.5	15.4	16.8	18.2	20.0	21.8	23.8	25.9	28.3	30.8
-21.25°	13.8	14.5	15.2	16.6	18.0	19.8	21.5	23.5	25.6	27.9	30.3



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	13.7	14.4	15.1	16.5	17.8	19.5	21.2	23.2	25.2	27.4	29.8
-23.75°	13.6	14.3	15.0	16.3	17.6	19.2	20.9	22.8	24.8	26.9	29.3
-25°	13.5	14.2	14.9	16.1	17.4	18.9	20.6	22.4	24.4	26.4	28.8
-26.25°	13.4	14.2	14.8	15.9	17.2	18.7	20.3	22.0	24.0	26.0	28.2
-27.5°	13.3	14.1	14.7	15.7	17.0	18.3	20.0	21.7	23.6	25.5	27.7
-28.75°	13.2	14.0	14.6	15.4	16.7	18.0	19.7	21.3	23.1	25.0	27.1
-30°	13.0	13.9	14.5	15.2	16.5	17.8	19.3	20.9	22.6	24.5	26.4
-31.25°	12.9	13.8	14.4	15.0	16.2	17.5	18.9	20.5	22.2	24.0	25.9
-32.5°	12.7	13.7	14.3	14.9	16.0	17.2	18.6	20.1	21.7	23.5	25.3
-33.75°	12.6	13.5	14.2	14.8	15.7	16.9	18.2	19.7	21.2	22.9	24.7
-35°	12.4	13.4	14.1	14.7	15.4	16.6	17.8	19.3	20.8	22.4	24.1
-36.25°	12.3	13.2	13.9	14.5	15.1	16.3	17.5	18.8	20.3	21.8	23.5
-37.5°	12.1	13.0	13.8	14.4	15.0	16.0	17.2	18.4	19.8	21.3	22.9
-38.75°	11.9	12.8	13.7	14.2	14.8	15.7	16.8	17.9	19.3	20.8	22.2
-40°	11.8	12.6	13.5	14.1	14.7	15.3	16.4	17.6	18.8	20.2	21.6
-41.25°	11.6	12.4	13.3	13.9	14.5	15.0	16.1	17.2	18.3	19.7	21.0
-42.5°	11.4	12.2	13.1	13.8	14.3	14.9	15.7	16.8	17.8	19.1	20.4
-43.75°	11.2	12.0	12.8	13.6	14.2	14.7	15.3	16.4	17.4	18.5	19.8
-45°	10.9	11.8	12.6	13.4	14.0	14.5	15.0	15.9	17.0	18.0	19.2
-46.25°	10.7	11.6	12.4	13.1	13.8	14.3	14.8	15.5	16.5	17.5	18.6
-47.5°	10.4	11.4	12.1	12.9	13.6	14.1	14.6	15.1	16.0	17.0	18.0
-48.75°	10.1	11.1	11.9	12.6	13.4	13.9	14.4	14.9	15.6	16.5	17.4
-50°	9.8	10.8	11.6	12.4	13.1	13.7	14.2	14.6	15.1	16.0	16.9
-51.25°	9.6	10.5	11.4	12.1	12.8	13.5	14.0	14.4	14.9	15.5	16.4
-52.5°	9.3	10.2	11.1	11.8	12.5	13.2	13.7	14.2	14.6	15.0	15.8
-53.75°	9.0	9.9	10.7	11.5	12.2	12.8	13.5	13.9	14.4	14.8	15.3
-55°	8.7	9.5	10.4	11.2	11.9	12.5	13.1	13.7	14.1	14.5	14.9
-56.25°	8.4	9.2	10.0	10.8	11.6	12.2	12.8	13.4	13.9	14.2	14.6
-57.5°	8.1	8.9	9.7	10.5	11.2	11.8	12.4	13.0	13.6	14.0	14.3
-58.75°	7.8	8.6	9.3	10.1	10.8	11.5	12.1	12.6	13.2	13.7	14.1
-60°	7.5	8.2	9.0	9.7	10.4	11.1	11.7	12.2	12.8	13.3	13.8
-61.25°	7.2	7.9	8.6	9.3	10.0	10.7	11.3	11.9	12.4	12.9	13.4
-62.5°	6.9	7.5	8.2	8.9	9.5	10.2	10.9	11.5	12.0	12.5	12.9
-63.75°	6.5	7.2	7.8	8.5	9.1	9.7	10.4	11.0	11.5	12.0	12.5
-65°	6.2	6.8	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.6	12.0
-66.25°	5.9	6.5	7.1	7.6	8.2	8.8	9.4	9.9	10.5	11.1	11.5
-67.5°	5.6	6.1	6.7	7.2	7.8	8.3	8.9	9.4	9.9	10.5	11.0
-68.75°	5.2	5.8	6.3	6.8	7.3	7.8	8.4	8.9	9.4	9.9	10.4
-70°	4.9	5.4	5.9	6.4	6.9	7.4	7.8	8.3	8.8	9.3	9.7
-71.25°	4.6	5.0	5.5	6.0	6.4	6.9	7.3	7.8	8.2	8.7	9.1
-72.5°	4.2	4.7	5.1	5.5	6.0	6.4	6.8	7.2	7.6	8.1	8.5
-73.75°	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.8
-75°	3.5	3.9	4.3	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.2
-76.25°	3.2	3.5	3.9	4.2	4.6	4.9	5.2	5.6	5.9	6.2	6.5
-77.5°	2.8	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	2.8	3.1	3.3	3.6	3.9	4.2	4.4	4.7	5.0	5.2
-80°	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1	4.4	4.6
-81.25°	1.9	2.1	2.2	2.4	2.7	2.9	3.1	3.3	3.5	3.7	3.9
-82.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.3
-83.75°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.5	2.6
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	2.5	2.6	2.7	2.8	2.9	3.1	3.2
83.75°	2.8	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1
82.5°	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8	4.9	5.1
81.25°	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0
80°	4.8	5.0	5.3	5.5	5.7	5.9	6.2	6.4	6.6	6.8	7.0
78.75°	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.5	7.7	7.9
77.5°	6.2	6.5	6.8	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.9
76.25°	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.8
75°	7.5	7.9	8.2	8.6	8.9	9.2	9.5	9.9	10.2	10.5	10.8
73.75°	8.2	8.6	9.0	9.3	9.7	10.0	10.4	10.7	11.1	11.4	11.6
72.5°	8.9	9.3	9.7	10.1	10.5	10.8	11.2	11.5	11.8	12.1	12.4
71.25°	9.5	10.0	10.4	10.8	11.2	11.6	11.9	12.2	12.5	12.8	13.1
70°	10.2	10.7	11.1	11.5	11.8	12.2	12.5	12.8	13.2	13.5	13.7
68.75°	10.9	11.3	11.7	12.1	12.4	12.8	13.1	13.5	13.7	14.0	14.2
67.5°	11.5	11.9	12.2	12.6	13.0	13.4	13.7	13.9	14.2	14.4	14.6
66.25°	12.0	12.4	12.8	13.2	13.6	13.9	14.1	14.4	14.6	14.9	15.1
65°	12.5	12.9	13.3	13.7	14.0	14.2	14.5	14.8	15.0	15.5	16.0
63.75°	12.9	13.4	13.8	14.1	14.3	14.6	14.9	15.3	15.8	16.4	16.9
62.5°	13.4	13.8	14.1	14.4	14.7	15.0	15.5	16.1	16.7	17.3	17.8
61.25°	13.8	14.1	14.4	14.8	15.1	15.7	16.3	16.9	17.5	18.1	18.9
60°	14.1	14.4	14.8	15.1	15.8	16.5	17.1	17.7	18.4	19.2	20.0
58.75°	14.4	14.8	15.1	15.8	16.5	17.2	17.9	18.7	19.5	20.3	21.1
57.5°	14.7	15.1	15.8	16.5	17.2	17.9	18.8	19.7	20.5	21.4	22.3
56.25°	15.0	15.7	16.5	17.2	17.9	18.8	19.7	20.7	21.5	22.5	23.6
55°	15.5	16.3	17.1	17.9	18.8	19.7	20.7	21.6	22.7	23.8	24.8
53.75°	16.1	16.9	17.7	18.7	19.7	20.7	21.6	22.7	23.9	25.0	26.1
52.5°	16.7	17.5	18.4	19.5	20.5	21.5	22.7	23.9	25.1	26.2	27.5
51.25°	17.3	18.1	19.2	20.3	21.4	22.5	23.8	25.0	26.2	27.6	29.0
50°	17.8	18.9	20.0	21.1	22.3	23.6	24.8	26.1	27.5	29.0	30.4
48.75°	18.4	19.6	20.8	21.9	23.2	24.6	25.9	27.3	28.9	30.4	31.9
47.5°	19.1	20.3	21.5	22.8	24.2	25.6	27.0	28.6	30.2	31.7	33.3
46.25°	19.8	21.0	22.3	23.7	25.2	26.6	28.2	29.9	31.5	33.1	34.6
45°	20.5	21.7	23.2	24.6	26.1	27.7	29.4	31.1	32.8	34.4	36.0
43.75°	21.1	22.5	24.0	25.5	27.1	28.9	30.6	32.3	34.0	35.7	37.2
42.5°	21.8	23.3	24.8	26.4	28.2	30.0	31.7	33.5	35.2	37.0	38.2
41.25°	22.5	24.1	25.6	27.4	29.2	31.0	32.9	34.7	36.4	37.8	39.1
40°	23.2	24.8	26.4	28.3	30.2	32.1	34.0	35.8	37.4	38.7	40.0
38.75°	23.9	25.6	27.4	29.3	31.2	33.1	35.0	36.9	38.2	39.5	40.8
37.5°	24.6	26.3	28.2	30.2	32.2	34.1	36.1	37.7	39.0	40.4	41.7
36.25°	25.3	27.1	29.1	31.1	33.1	35.1	37.1	38.5	39.8	41.2	42.6
35°	25.9	27.9	30.0	32.0	34.1	36.1	37.8	39.2	40.6	42.0	43.4



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	26.6	28.7	30.8	32.9	35.0	37.0	38.5	39.9	41.3	42.8	44.2
32.5°	27.3	29.4	31.6	33.7	35.8	37.7	39.1	40.6	42.1	43.5	44.9
31.25°	28.0	30.2	32.3	34.5	36.7	38.3	39.8	41.3	42.8	44.3	45.5
30°	28.7	30.9	33.1	35.3	37.3	38.9	40.4	41.9	43.5	44.9	46.1
28.75°	29.3	31.6	33.8	36.1	37.9	39.4	41.0	42.6	44.1	45.4	46.7
27.5°	30.0	32.2	34.5	36.8	38.4	40.0	41.6	43.2	44.7	46.0	47.2
26.25°	30.6	32.9	35.2	37.3	38.9	40.5	42.2	43.8	45.2	46.5	47.7
25°	31.1	33.5	35.8	37.8	39.4	41.1	42.7	44.4	45.7	47.0	48.1
23.75°	31.7	34.1	36.4	38.3	39.9	41.6	43.2	44.8	46.1	47.4	48.5
22.5°	32.2	34.6	37.0	38.7	40.3	42.0	43.7	45.2	46.6	47.8	48.8
21.25°	32.7	35.2	37.4	39.1	40.8	42.5	44.2	45.6	47.0	48.1	49.2
20°	33.2	35.7	37.8	39.5	41.2	42.9	44.6	46.0	47.4	48.4	49.5
18.75°	33.7	36.1	38.1	39.8	41.6	43.3	45.0	46.4	47.7	48.7	49.8
17.5°	34.1	36.6	38.5	40.2	42.0	43.7	45.3	46.7	48.0	49.0	50.1
16.25°	34.5	37.0	38.8	40.5	42.3	44.1	45.6	47.0	48.2	49.3	50.4
15°	34.9	37.3	39.0	40.8	42.6	44.4	45.9	47.3	48.4	49.5	50.6
13.75°	35.2	37.5	39.3	41.1	42.9	44.7	46.1	47.6	48.7	49.7	50.8
12.5°	35.5	37.8	39.5	41.4	43.2	44.9	46.4	47.7	48.8	50.0	51.1
11.25°	35.8	38.0	39.8	41.6	43.4	45.1	46.6	47.9	49.0	50.1	51.3
10°	36.0	38.1	40.0	41.8	43.7	45.3	46.8	48.1	49.2	50.3	51.4
8.75°	36.3	38.3	40.1	42.0	43.9	45.5	46.9	48.2	49.3	50.5	51.6
7.5°	36.5	38.5	40.3	42.1	44.0	45.6	47.1	48.3	49.5	50.6	51.7
6.25°	36.6	38.6	40.4	42.3	44.2	45.7	47.2	48.4	49.6	50.7	51.8
5°	36.8	38.7	40.5	42.4	44.3	45.8	47.3	48.5	49.6	50.8	51.9
3.75°	36.9	38.8	40.6	42.5	44.4	45.9	47.4	48.6	49.7	50.9	52.0
2.5°	36.9	38.8	40.7	42.5	44.4	46.0	47.5	48.6	49.8	50.9	52.1
1.25°	37.0	38.8	40.7	42.6	44.5	46.0	47.5	48.6	49.8	50.9	52.1
0°	37.0	38.9	40.7	42.6	44.5	46.0	47.5	48.7	49.8	51.0	52.1
-1.25°	37.0	38.8	40.7	42.6	44.5	46.0	47.5	48.6	49.8	50.9	52.1
-2.5°	36.9	38.8	40.7	42.5	44.4	46.0	47.5	48.6	49.8	50.9	52.1
-3.75°	36.9	38.8	40.6	42.5	44.4	45.9	47.4	48.6	49.7	50.9	52.0
-5°	36.8	38.7	40.5	42.4	44.3	45.8	47.3	48.5	49.6	50.8	51.9
-6.25°	36.6	38.6	40.4	42.3	44.2	45.7	47.2	48.4	49.6	50.7	51.8
-7.5°	36.5	38.5	40.3	42.1	44.0	45.6	47.1	48.3	49.5	50.6	51.7
-8.75°	36.3	38.3	40.1	42.0	43.9	45.5	46.9	48.2	49.3	50.5	51.6
-10°	36.0	38.1	40.0	41.8	43.7	45.3	46.8	48.1	49.2	50.3	51.4
-11.25°	35.8	38.0	39.8	41.6	43.4	45.1	46.6	47.9	49.0	50.1	51.3
-12.5°	35.5	37.8	39.5	41.4	43.2	44.9	46.4	47.7	48.8	50.0	51.1
-13.75°	35.2	37.5	39.3	41.1	42.9	44.7	46.1	47.6	48.7	49.7	50.8
-15°	34.9	37.3	39.0	40.8	42.6	44.4	45.9	47.3	48.4	49.5	50.6
-16.25°	34.5	37.0	38.8	40.5	42.3	44.1	45.6	47.0	48.2	49.3	50.4
-17.5°	34.1	36.6	38.5	40.2	42.0	43.7	45.3	46.7	48.0	49.0	50.1
-18.75°	33.7	36.1	38.1	39.8	41.6	43.3	45.0	46.4	47.7	48.7	49.8
-20°	33.2	35.7	37.8	39.5	41.2	42.9	44.6	46.0	47.4	48.4	49.5
-21.25°	32.7	35.2	37.4	39.1	40.8	42.5	44.2	45.6	47.0	48.1	49.2



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	32.2	34.6	37.0	38.7	40.3	42.0	43.7	45.2	46.6	47.8	48.8
-23.75°	31.7	34.1	36.4	38.3	39.9	41.6	43.2	44.8	46.1	47.4	48.5
-25°	31.1	33.5	35.8	37.8	39.4	41.1	42.7	44.4	45.7	47.0	48.1
-26.25°	30.6	32.9	35.2	37.3	38.9	40.5	42.2	43.8	45.2	46.5	47.7
-27.5°	30.0	32.2	34.5	36.8	38.4	40.0	41.6	43.2	44.7	46.0	47.2
-28.75°	29.3	31.6	33.8	36.1	37.9	39.4	41.0	42.6	44.1	45.4	46.7
-30°	28.7	30.9	33.1	35.3	37.3	38.9	40.4	41.9	43.5	44.9	46.1
-31.25°	28.0	30.2	32.3	34.5	36.7	38.3	39.8	41.3	42.8	44.3	45.5
-32.5°	27.3	29.4	31.6	33.7	35.8	37.7	39.1	40.6	42.1	43.5	44.9
-33.75°	26.6	28.7	30.8	32.9	35.0	37.0	38.5	39.9	41.3	42.8	44.2
-35°	25.9	27.9	30.0	32.0	34.1	36.1	37.8	39.2	40.6	42.0	43.4
-36.25°	25.3	27.1	29.1	31.1	33.1	35.1	37.1	38.5	39.8	41.2	42.6
-37.5°	24.6	26.3	28.2	30.2	32.2	34.1	36.1	37.7	39.0	40.4	41.7
-38.75°	23.9	25.6	27.4	29.3	31.2	33.1	35.0	36.9	38.2	39.5	40.8
-40°	23.2	24.8	26.4	28.3	30.2	32.1	34.0	35.8	37.4	38.7	40.0
-41.25°	22.5	24.1	25.6	27.4	29.2	31.0	32.9	34.7	36.4	37.8	39.1
-42.5°	21.8	23.3	24.8	26.4	28.2	30.0	31.7	33.5	35.2	37.0	38.2
-43.75°	21.1	22.5	24.0	25.5	27.1	28.9	30.6	32.3	34.0	35.7	37.2
-45°	20.5	21.7	23.2	24.6	26.1	27.7	29.4	31.1	32.8	34.4	36.0
-46.25°	19.8	21.0	22.3	23.7	25.2	26.6	28.2	29.9	31.5	33.1	34.6
-47.5°	19.1	20.3	21.5	22.8	24.2	25.6	27.0	28.6	30.2	31.7	33.3
-48.75°	18.4	19.6	20.8	21.9	23.2	24.6	25.9	27.3	28.9	30.4	31.9
-50°	17.8	18.9	20.0	21.1	22.3	23.6	24.8	26.1	27.5	29.0	30.4
-51.25°	17.3	18.1	19.2	20.3	21.4	22.5	23.8	25.0	26.2	27.6	29.0
-52.5°	16.7	17.5	18.4	19.5	20.5	21.5	22.7	23.9	25.1	26.2	27.5
-53.75°	16.1	16.9	17.7	18.7	19.7	20.7	21.6	22.7	23.9	25.0	26.1
-55°	15.5	16.3	17.1	17.9	18.8	19.7	20.7	21.6	22.7	23.8	24.8
-56.25°	15.0	15.7	16.5	17.2	17.9	18.8	19.7	20.7	21.5	22.5	23.6
-57.5°	14.7	15.1	15.8	16.5	17.2	17.9	18.8	19.7	20.5	21.4	22.3
-58.75°	14.4	14.8	15.1	15.8	16.5	17.2	17.9	18.7	19.5	20.3	21.1
-60°	14.1	14.4	14.8	15.1	15.8	16.5	17.1	17.7	18.4	19.2	20.0
-61.25°	13.8	14.1	14.4	14.8	15.1	15.7	16.3	16.9	17.5	18.1	18.9
-62.5°	13.4	13.8	14.1	14.4	14.7	15.0	15.5	16.1	16.7	17.3	17.8
-63.75°	12.9	13.4	13.8	14.1	14.3	14.6	14.9	15.3	15.8	16.4	16.9
-65°	12.5	12.9	13.3	13.7	14.0	14.2	14.5	14.8	15.0	15.5	16.0
-66.25°	12.0	12.4	12.8	13.2	13.6	13.9	14.1	14.4	14.6	14.9	15.1
-67.5°	11.5	11.9	12.2	12.6	13.0	13.4	13.7	13.9	14.2	14.4	14.6
-68.75°	10.9	11.3	11.7	12.1	12.4	12.8	13.1	13.5	13.7	14.0	14.2
-70°	10.2	10.7	11.1	11.5	11.8	12.2	12.5	12.8	13.2	13.5	13.7
-71.25°	9.5	10.0	10.4	10.8	11.2	11.6	11.9	12.2	12.5	12.8	13.1
-72.5°	8.9	9.3	9.7	10.1	10.5	10.8	11.2	11.5	11.8	12.1	12.4
-73.75°	8.2	8.6	9.0	9.3	9.7	10.0	10.4	10.7	11.1	11.4	11.6
-75°	7.5	7.9	8.2	8.6	8.9	9.2	9.5	9.9	10.2	10.5	10.8
-76.25°	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.8
-77.5°	6.2	6.5	6.8	7.0	7.3	7.6	7.9	8.1	8.4	8.6	8.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.5	7.7	7.9
-80°	4.8	5.0	5.3	5.5	5.7	5.9	6.2	6.4	6.6	6.8	7.0
-81.25°	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.0
-82.5°	3.4	3.6	3.8	4.0	4.1	4.3	4.5	4.6	4.8	4.9	5.1
-83.75°	2.8	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1
-85°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.2
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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	2.5	2.6	2.7	2.7	2.8	2.9	2.9
85°	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1
83.75°	4.2	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
82.5°	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6
81.25°	6.2	6.4	6.5	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8
80°	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.5	8.6	8.8	9.0
78.75°	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2
77.5°	9.1	9.4	9.6	9.9	10.1	10.3	10.5	10.8	11.0	11.2	11.3
76.25°	10.1	10.4	10.7	10.9	11.2	11.4	11.6	11.8	11.9	12.1	12.3
75°	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13.0	13.2
73.75°	11.9	12.1	12.4	12.6	12.8	13.1	13.3	13.5	13.7	13.8	13.9
72.5°	12.6	12.9	13.1	13.4	13.6	13.8	13.9	14.1	14.2	14.4	14.5
71.25°	13.4	13.6	13.8	14.0	14.2	14.3	14.5	14.7	14.8	15.0	15.1
70°	13.9	14.1	14.3	14.5	14.7	14.9	15.0	15.3	15.7	16.0	16.3
68.75°	14.4	14.6	14.8	15.0	15.3	15.7	16.1	16.4	16.8	17.2	17.5
67.5°	14.9	15.1	15.5	15.9	16.4	16.8	17.2	17.6	17.9	18.4	18.8
66.25°	15.6	16.0	16.5	17.0	17.4	17.8	18.3	18.8	19.3	19.8	20.3
65°	16.5	17.0	17.5	18.0	18.5	19.1	19.7	20.2	20.8	21.3	21.8
63.75°	17.4	18.0	18.6	19.2	19.8	20.4	21.0	21.6	22.2	22.9	23.5
62.5°	18.4	19.1	19.8	20.5	21.1	21.8	22.5	23.2	23.9	24.6	25.3
61.25°	19.6	20.3	21.0	21.7	22.5	23.3	24.1	24.8	25.6	26.3	27.1
60°	20.8	21.5	22.3	23.2	24.0	24.8	25.6	26.4	27.4	28.2	29.1
58.75°	21.9	22.8	23.7	24.6	25.5	26.4	27.4	28.3	29.3	30.2	31.1
57.5°	23.2	24.2	25.2	26.1	27.1	28.2	29.2	30.2	31.2	32.2	33.1
56.25°	24.6	25.6	26.6	27.7	28.9	30.0	31.0	32.1	33.1	34.1	35.1
55°	25.9	27.0	28.2	29.4	30.6	31.7	32.9	34.0	35.0	36.1	37.1
53.75°	27.3	28.6	29.9	31.1	32.3	33.5	34.7	35.8	36.9	37.7	38.5
52.5°	28.9	30.2	31.5	32.8	34.0	35.2	36.4	37.4	38.2	39.0	39.8
51.25°	30.4	31.7	33.1	34.4	35.7	37.0	37.8	38.7	39.5	40.4	41.2
50°	31.9	33.3	34.6	36.0	37.2	38.2	39.1	40.0	40.8	41.7	42.6
48.75°	33.3	34.8	36.2	37.4	38.4	39.3	40.3	41.2	42.1	43.0	43.9
47.5°	34.8	36.3	37.5	38.5	39.5	40.5	41.5	42.5	43.4	44.4	45.1
46.25°	36.2	37.5	38.6	39.6	40.7	41.7	42.7	43.7	44.7	45.4	46.2
45°	37.4	38.5	39.6	40.7	41.8	42.9	43.9	44.9	45.7	46.4	47.2
43.75°	38.4	39.5	40.7	41.8	42.9	44.0	45.0	45.8	46.6	47.5	48.1
42.5°	39.3	40.5	41.7	42.9	44.0	45.0	45.9	46.8	47.6	48.2	48.9
41.25°	40.3	41.5	42.7	43.9	45.0	45.9	46.8	47.7	48.3	49.0	49.6
40°	41.2	42.5	43.7	44.9	45.8	46.8	47.7	48.4	49.1	49.7	50.4
38.75°	42.1	43.4	44.7	45.7	46.6	47.6	48.3	49.1	49.8	50.5	51.2
37.5°	43.0	44.4	45.4	46.4	47.5	48.2	49.0	49.7	50.5	51.2	51.9
36.25°	43.9	45.1	46.2	47.2	48.1	48.9	49.6	50.4	51.2	51.9	52.4
35°	44.7	45.8	46.9	47.9	48.7	49.5	50.3	51.1	51.8	52.4	52.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	45.4	46.5	47.6	48.4	49.3	50.1	50.9	51.7	52.4	52.9	53.4
32.5°	46.0	47.2	48.1	49.0	49.8	50.7	51.5	52.2	52.8	53.3	53.7
31.25°	46.7	47.8	48.6	49.5	50.4	51.2	52.1	52.6	53.2	53.7	53.9
30°	47.3	48.2	49.1	50.0	50.9	51.8	52.5	53.0	53.6	53.9	54.1
28.75°	47.8	48.7	49.6	50.5	51.5	52.3	52.8	53.4	53.8	54.0	54.3
27.5°	48.2	49.2	50.1	51.0	52.0	52.6	53.2	53.7	54.0	54.2	54.7
26.25°	48.7	49.6	50.6	51.5	52.3	52.9	53.5	53.9	54.1	54.5	55.1
25°	49.1	50.0	51.0	52.0	52.6	53.3	53.7	54.0	54.3	54.9	55.5
23.75°	49.5	50.4	51.4	52.3	52.9	53.6	53.9	54.2	54.6	55.2	55.9
22.5°	49.8	50.8	51.8	52.6	53.2	53.7	54.0	54.3	55.0	55.6	56.4
21.25°	50.2	51.2	52.2	52.8	53.5	53.9	54.2	54.6	55.3	56.0	56.9
20°	50.5	51.6	52.4	53.1	53.7	54.0	54.3	54.9	55.6	56.4	57.4
18.75°	50.8	51.9	52.6	53.3	53.8	54.1	54.5	55.2	55.9	56.9	57.9
17.5°	51.1	52.2	52.9	53.5	53.9	54.2	54.8	55.5	56.3	57.3	58.7
16.25°	51.4	52.4	53.1	53.7	54.0	54.3	55.0	55.7	56.7	57.7	59.7
15°	51.7	52.5	53.2	53.8	54.1	54.5	55.2	56.0	57.1	58.2	60.6
13.75°	51.9	52.7	53.4	53.8	54.2	54.7	55.4	56.3	57.4	59.0	61.4
12.5°	52.1	52.9	53.6	53.9	54.3	54.9	55.6	56.6	57.7	59.7	62.2
11.25°	52.3	53.0	53.7	54.0	54.4	55.1	55.8	56.9	58.0	60.4	62.9
10°	52.4	53.1	53.7	54.1	54.5	55.2	56.0	57.2	58.5	61.0	63.9
8.75°	52.5	53.2	53.8	54.1	54.6	55.4	56.3	57.4	59.0	61.6	65.4
7.5°	52.6	53.3	53.8	54.2	54.7	55.5	56.4	57.6	59.5	62.1	66.8
6.25°	52.7	53.4	53.9	54.2	54.8	55.6	56.6	57.7	59.9	62.5	67.9
5°	52.7	53.5	53.9	54.2	54.9	55.7	56.7	57.9	60.2	62.8	68.9
3.75°	52.8	53.5	53.9	54.3	55.0	55.7	56.8	58.0	60.4	63.1	69.6
2.5°	52.8	53.6	53.9	54.3	55.0	55.8	56.9	58.0	60.6	63.2	70.1
1.25°	52.8	53.6	53.9	54.3	55.0	55.8	56.9	58.1	60.7	63.4	70.4
0°	52.9	53.6	54.0	54.3	55.1	55.8	57.0	58.1	60.8	63.4	70.6
-1.25°	52.8	53.6	53.9	54.3	55.0	55.8	56.9	58.1	60.7	63.4	70.4
-2.5°	52.8	53.6	53.9	54.3	55.0	55.8	56.9	58.0	60.6	63.2	70.1
-3.75°	52.8	53.5	53.9	54.3	55.0	55.7	56.8	58.0	60.4	63.1	69.6
-5°	52.7	53.5	53.9	54.2	54.9	55.7	56.7	57.9	60.2	62.8	68.9
-6.25°	52.7	53.4	53.9	54.2	54.8	55.6	56.6	57.7	59.9	62.5	67.9
-7.5°	52.6	53.3	53.8	54.2	54.7	55.5	56.4	57.6	59.5	62.1	66.8
-8.75°	52.5	53.2	53.8	54.1	54.6	55.4	56.3	57.4	59.0	61.6	65.4
-10°	52.4	53.1	53.7	54.1	54.5	55.2	56.0	57.2	58.5	61.0	63.9
-11.25°	52.3	53.0	53.7	54.0	54.4	55.1	55.8	56.9	58.0	60.4	62.9
-12.5°	52.1	52.9	53.6	53.9	54.3	54.9	55.6	56.6	57.7	59.7	62.2
-13.75°	51.9	52.7	53.4	53.8	54.2	54.7	55.4	56.3	57.4	59.0	61.4
-15°	51.7	52.5	53.2	53.8	54.1	54.5	55.2	56.0	57.1	58.2	60.6
-16.25°	51.4	52.4	53.1	53.7	54.0	54.3	55.0	55.7	56.7	57.7	59.7
-17.5°	51.1	52.2	52.9	53.5	53.9	54.2	54.8	55.5	56.3	57.3	58.7
-18.75°	50.8	51.9	52.6	53.3	53.8	54.1	54.5	55.2	55.9	56.9	57.9
-20°	50.5	51.6	52.4	53.1	53.7	54.0	54.3	54.9	55.6	56.4	57.4
-21.25°	50.2	51.2	52.2	52.8	53.5	53.9	54.2	54.6	55.3	56.0	56.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	49.8	50.8	51.8	52.6	53.2	53.7	54.0	54.3	55.0	55.6	56.4
-23.75°	49.5	50.4	51.4	52.3	52.9	53.6	53.9	54.2	54.6	55.2	55.9
-25°	49.1	50.0	51.0	52.0	52.6	53.3	53.7	54.0	54.3	54.9	55.5
-26.25°	48.7	49.6	50.6	51.5	52.3	52.9	53.5	53.9	54.1	54.5	55.1
-27.5°	48.2	49.2	50.1	51.0	52.0	52.6	53.2	53.7	54.0	54.2	54.7
-28.75°	47.8	48.7	49.6	50.5	51.5	52.3	52.8	53.4	53.8	54.0	54.3
-30°	47.3	48.2	49.1	50.0	50.9	51.8	52.5	53.0	53.6	53.9	54.1
-31.25°	46.7	47.8	48.6	49.5	50.4	51.2	52.1	52.6	53.2	53.7	53.9
-32.5°	46.0	47.2	48.1	49.0	49.8	50.7	51.5	52.2	52.8	53.3	53.7
-33.75°	45.4	46.5	47.6	48.4	49.3	50.1	50.9	51.7	52.4	52.9	53.4
-35°	44.7	45.8	46.9	47.9	48.7	49.5	50.3	51.1	51.8	52.4	52.9
-36.25°	43.9	45.1	46.2	47.2	48.1	48.9	49.6	50.4	51.2	51.9	52.4
-37.5°	43.0	44.4	45.4	46.4	47.5	48.2	49.0	49.7	50.5	51.2	51.9
-38.75°	42.1	43.4	44.7	45.7	46.6	47.6	48.3	49.1	49.8	50.5	51.2
-40°	41.2	42.5	43.7	44.9	45.8	46.8	47.7	48.4	49.1	49.7	50.4
-41.25°	40.3	41.5	42.7	43.9	45.0	45.9	46.8	47.7	48.3	49.0	49.6
-42.5°	39.3	40.5	41.7	42.9	44.0	45.0	45.9	46.8	47.6	48.2	48.9
-43.75°	38.4	39.5	40.7	41.8	42.9	44.0	45.0	45.8	46.6	47.5	48.1
-45°	37.4	38.5	39.6	40.7	41.8	42.9	43.9	44.9	45.7	46.4	47.2
-46.25°	36.2	37.5	38.6	39.6	40.7	41.7	42.7	43.7	44.7	45.4	46.2
-47.5°	34.8	36.3	37.5	38.5	39.5	40.5	41.5	42.5	43.4	44.4	45.1
-48.75°	33.3	34.8	36.2	37.4	38.4	39.3	40.3	41.2	42.1	43.0	43.9
-50°	31.9	33.3	34.6	36.0	37.2	38.2	39.1	40.0	40.8	41.7	42.6
-51.25°	30.4	31.7	33.1	34.4	35.7	37.0	37.8	38.7	39.5	40.4	41.2
-52.5°	28.9	30.2	31.5	32.8	34.0	35.2	36.4	37.4	38.2	39.0	39.8
-53.75°	27.3	28.6	29.9	31.1	32.3	33.5	34.7	35.8	36.9	37.7	38.5
-55°	25.9	27.0	28.2	29.4	30.6	31.7	32.9	34.0	35.0	36.1	37.1
-56.25°	24.6	25.6	26.6	27.7	28.9	30.0	31.0	32.1	33.1	34.1	35.1
-57.5°	23.2	24.2	25.2	26.1	27.1	28.2	29.2	30.2	31.2	32.2	33.1
-58.75°	21.9	22.8	23.7	24.6	25.5	26.4	27.4	28.3	29.3	30.2	31.1
-60°	20.8	21.5	22.3	23.2	24.0	24.8	25.6	26.4	27.4	28.2	29.1
-61.25°	19.6	20.3	21.0	21.7	22.5	23.3	24.1	24.8	25.6	26.3	27.1
-62.5°	18.4	19.1	19.8	20.5	21.1	21.8	22.5	23.2	23.9	24.6	25.3
-63.75°	17.4	18.0	18.6	19.2	19.8	20.4	21.0	21.6	22.2	22.9	23.5
-65°	16.5	17.0	17.5	18.0	18.5	19.1	19.7	20.2	20.8	21.3	21.8
-66.25°	15.6	16.0	16.5	17.0	17.4	17.8	18.3	18.8	19.3	19.8	20.3
-67.5°	14.9	15.1	15.5	15.9	16.4	16.8	17.2	17.6	17.9	18.4	18.8
-68.75°	14.4	14.6	14.8	15.0	15.3	15.7	16.1	16.4	16.8	17.2	17.5
-70°	13.9	14.1	14.3	14.5	14.7	14.9	15.0	15.3	15.7	16.0	16.3
-71.25°	13.4	13.6	13.8	14.0	14.2	14.3	14.5	14.7	14.8	15.0	15.1
-72.5°	12.6	12.9	13.1	13.4	13.6	13.8	13.9	14.1	14.2	14.4	14.5
-73.75°	11.9	12.1	12.4	12.6	12.8	13.1	13.3	13.5	13.7	13.8	13.9
-75°	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13.0	13.2
-76.25°	10.1	10.4	10.7	10.9	11.2	11.4	11.6	11.8	11.9	12.1	12.3
-77.5°	9.1	9.4	9.6	9.9	10.1	10.3	10.5	10.8	11.0	11.2	11.3



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2
-80°	7.2	7.4	7.6	7.8	7.9	8.1	8.3	8.5	8.6	8.8	9.0
-81.25°	6.2	6.4	6.5	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8
-82.5°	5.2	5.4	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6
-83.75°	4.2	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
-85°	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.1
-86.25°	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9
-87.5°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5
85°	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8
83.75°	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2
82.5°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
81.25°	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
80°	9.1	9.3	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4
78.75°	10.3	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.5	11.6	11.7
77.5°	11.5	11.6	11.8	11.9	12.0	12.2	12.3	12.4	12.5	12.6	12.7
76.25°	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.4	13.5	13.6	13.7
75°	13.4	13.5	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4
73.75°	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1
72.5°	14.7	14.8	14.9	15.0	15.2	15.4	15.7	15.9	16.1	16.3	16.5
71.25°	15.4	15.7	16.0	16.2	16.5	16.7	17.0	17.2	17.4	17.6	17.8
70°	16.6	16.9	17.2	17.5	17.8	18.0	18.3	18.7	18.9	19.2	19.5
68.75°	17.8	18.2	18.6	18.9	19.3	19.7	20.0	20.3	20.6	20.9	21.2
67.5°	19.3	19.7	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.8	23.2
66.25°	20.8	21.2	21.7	22.2	22.6	23.1	23.6	24.0	24.4	24.8	25.2
65°	22.4	22.9	23.5	24.0	24.5	25.0	25.5	26.0	26.4	26.9	27.4
63.75°	24.1	24.7	25.3	25.9	26.4	27.1	27.7	28.2	28.8	29.3	29.8
62.5°	25.9	26.6	27.3	28.0	28.7	29.3	30.0	30.6	31.1	31.7	32.2
61.25°	27.9	28.7	29.4	30.2	30.9	31.6	32.2	32.9	33.5	34.1	34.6
60°	30.0	30.8	31.6	32.3	33.1	33.8	34.5	35.2	35.8	36.4	37.0
58.75°	32.0	32.9	33.7	34.5	35.3	36.1	36.8	37.3	37.8	38.3	38.7
57.5°	34.1	35.0	35.8	36.7	37.3	37.9	38.4	38.9	39.4	39.9	40.3
56.25°	36.1	37.0	37.7	38.3	38.9	39.4	40.0	40.5	41.1	41.6	42.0
55°	37.8	38.5	39.1	39.8	40.4	41.0	41.6	42.2	42.7	43.2	43.7
53.75°	39.2	39.9	40.6	41.3	41.9	42.6	43.2	43.8	44.4	44.8	45.2
52.5°	40.6	41.3	42.1	42.8	43.5	44.1	44.7	45.2	45.7	46.1	46.6
51.25°	42.0	42.8	43.5	44.3	44.9	45.4	46.0	46.5	47.0	47.4	47.8
50°	43.4	44.2	44.9	45.5	46.1	46.7	47.2	47.7	48.1	48.5	48.8
48.75°	44.7	45.4	46.0	46.7	47.3	47.8	48.2	48.7	49.1	49.5	49.8
47.5°	45.8	46.5	47.2	47.8	48.2	48.7	49.2	49.6	50.0	50.4	50.8
46.25°	46.9	47.6	48.1	48.6	49.1	49.6	50.1	50.6	51.0	51.4	51.8
45°	47.9	48.4	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.3	52.6
43.75°	48.7	49.3	49.8	50.4	50.9	51.5	52.0	52.3	52.6	52.9	53.2
42.5°	49.5	50.1	50.7	51.2	51.8	52.3	52.6	52.9	53.3	53.6	53.7
41.25°	50.3	50.9	51.5	52.1	52.5	52.8	53.2	53.5	53.7	53.9	54.0
40°	51.1	51.7	52.2	52.6	53.0	53.4	53.7	53.9	54.0	54.2	54.3
38.75°	51.8	52.4	52.8	53.2	53.6	53.8	54.0	54.1	54.3	54.6	55.0
37.5°	52.4	52.9	53.3	53.7	53.9	54.0	54.2	54.5	54.9	55.2	55.6
36.25°	52.9	53.4	53.7	53.9	54.1	54.3	54.7	55.1	55.5	55.9	56.4
35°	53.4	53.7	53.9	54.1	54.4	54.8	55.3	55.7	56.2	56.8	57.3



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	53.7	53.9	54.2	54.5	54.9	55.4	55.8	56.5	57.1	57.7	58.5
32.5°	53.9	54.2	54.5	55.0	55.5	56.0	56.7	57.3	58.0	59.2	60.6
31.25°	54.1	54.5	55.0	55.5	56.0	56.8	57.5	58.2	59.8	61.3	62.7
30°	54.4	54.9	55.5	56.0	56.8	57.5	58.5	60.1	61.7	63.3	67.1
28.75°	54.8	55.4	56.0	56.8	57.5	58.6	60.3	62.0	64.1	68.4	72.5
27.5°	55.3	55.8	56.7	57.5	58.5	60.3	62.1	64.6	69.1	73.6	78.1
26.25°	55.7	56.5	57.3	58.2	60.1	62.0	64.6	69.4	74.1	79.7	88.7
25°	56.2	57.1	58.0	59.8	61.7	64.1	69.1	74.1	80.3	89.8	99.0
23.75°	56.8	57.7	59.2	61.3	63.3	68.4	73.6	79.7	89.8	99.6	109.7
22.5°	57.3	58.5	60.6	62.7	67.1	72.5	78.1	88.7	99.0	109.7	121.3
21.25°	57.9	59.8	62.0	65.3	70.9	76.5	86.4	97.3	108.3	120.6	132.7
20°	58.8	61.0	63.2	68.8	74.7	83.1	94.5	105.7	118.5	131.2	144.9
18.75°	59.9	62.2	66.3	72.3	78.7	90.5	102.2	115.0	128.3	141.8	160.3
17.5°	61.0	63.3	69.4	75.5	85.6	97.6	110.1	124.0	137.7	155.5	191.5
16.25°	62.0	66.1	72.4	79.5	92.0	104.3	118.4	132.6	149.2	179.6	240.6
15°	63.0	68.7	75.1	85.4	98.1	111.4	126.2	140.9	163.2	212.3	301.9
13.75°	64.7	71.2	77.8	90.8	103.7	118.4	133.5	151.5	187.5	261.9	376.5
12.5°	66.9	73.5	82.6	95.8	109.5	124.9	140.2	164.1	219.3	319.9	456.8
11.25°	68.9	75.6	87.0	100.4	115.1	130.9	148.9	184.1	260.0	381.4	535.3
10°	70.7	77.5	91.0	104.6	120.3	136.3	156.8	203.7	303.9	446.1	617.2
8.75°	72.3	80.7	94.6	108.7	124.9	141.4	169.4	235.3	351.8	507.3	691.3
7.5°	73.7	83.7	97.7	112.5	128.9	147.3	183.0	263.1	394.0	564.6	763.3
6.25°	74.9	86.2	100.3	115.8	132.4	152.3	194.6	289.3	437.0	617.8	826.1
5°	75.9	88.3	102.5	118.5	135.2	156.5	207.5	317.6	473.3	661.9	878.2
3.75°	76.7	89.9	104.2	120.6	137.4	160.3	222.1	339.8	501.8	696.5	921.0
2.5°	77.3	91.1	105.4	122.1	139.0	165.5	232.6	355.7	522.2	723.8	952.0
1.25°	77.6	91.8	106.2	123.0	140.0	168.5	238.9	365.3	534.6	740.5	970.7
0°	77.7	92.1	106.4	123.4	140.3	169.6	241.1	368.6	538.7	746.2	977.0
-1.25°	77.6	91.8	106.2	123.0	140.0	168.5	238.9	365.3	534.6	740.5	970.7
-2.5°	77.3	91.1	105.4	122.1	139.0	165.5	232.6	355.7	522.2	723.8	952.0
-3.75°	76.7	89.9	104.2	120.6	137.4	160.3	222.1	339.8	501.8	696.5	921.0
-5°	75.9	88.3	102.5	118.5	135.2	156.5	207.5	317.6	473.3	661.9	878.2
-6.25°	74.9	86.2	100.3	115.8	132.4	152.3	194.6	289.3	437.0	617.8	826.1
-7.5°	73.7	83.7	97.7	112.5	128.9	147.3	183.0	263.1	394.0	564.6	763.3
-8.75°	72.3	80.7	94.6	108.7	124.9	141.4	169.4	235.3	351.8	507.3	691.3
-10°	70.7	77.5	91.0	104.6	120.3	136.3	156.8	203.7	303.9	446.1	617.2
-11.25°	68.9	75.6	87.0	100.4	115.1	130.9	148.9	184.1	260.0	381.4	535.3
-12.5°	66.9	73.5	82.6	95.8	109.5	124.9	140.2	164.1	219.3	319.9	456.8
-13.75°	64.7	71.2	77.8	90.8	103.7	118.4	133.5	151.5	187.5	261.9	376.5
-15°	63.0	68.7	75.1	85.4	98.1	111.4	126.2	140.9	163.2	212.3	301.9
-16.25°	62.0	66.1	72.4	79.5	92.0	104.3	118.4	132.6	149.2	179.6	240.6
-17.5°	61.0	63.3	69.4	75.5	85.6	97.6	110.1	124.0	137.7	155.5	191.5
-18.75°	59.9	62.2	66.3	72.3	78.7	90.5	102.2	115.0	128.3	141.8	160.3
-20°	58.8	61.0	63.2	68.8	74.7	83.1	94.5	105.7	118.5	131.2	144.9
-21.25°	57.9	59.8	62.0	65.3	70.9	76.5	86.4	97.3	108.3	120.6	132.7



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	57.3	58.5	60.6	62.7	67.1	72.5	78.1	88.7	99.0	109.7	121.3
-23.75°	56.8	57.7	59.2	61.3	63.3	68.4	73.6	79.7	89.8	99.6	109.7
-25°	56.2	57.1	58.0	59.8	61.7	64.1	69.1	74.1	80.3	89.8	99.0
-26.25°	55.7	56.5	57.3	58.2	60.1	62.0	64.6	69.4	74.1	79.7	88.7
-27.5°	55.3	55.8	56.7	57.5	58.5	60.3	62.1	64.6	69.1	73.6	78.1
-28.75°	54.8	55.4	56.0	56.8	57.5	58.6	60.3	62.0	64.1	68.4	72.5
-30°	54.4	54.9	55.5	56.0	56.8	57.5	58.5	60.1	61.7	63.3	67.1
-31.25°	54.1	54.5	55.0	55.5	56.0	56.8	57.5	58.2	59.8	61.3	62.7
-32.5°	53.9	54.2	54.5	55.0	55.5	56.0	56.7	57.3	58.0	59.2	60.6
-33.75°	53.7	53.9	54.2	54.5	54.9	55.4	55.8	56.5	57.1	57.7	58.5
-35°	53.4	53.7	53.9	54.1	54.4	54.8	55.3	55.7	56.2	56.8	57.3
-36.25°	52.9	53.4	53.7	53.9	54.1	54.3	54.7	55.1	55.5	55.9	56.4
-37.5°	52.4	52.9	53.3	53.7	53.9	54.0	54.2	54.5	54.9	55.2	55.6
-38.75°	51.8	52.4	52.8	53.2	53.6	53.8	54.0	54.1	54.3	54.6	55.0
-40°	51.1	51.7	52.2	52.6	53.0	53.4	53.7	53.9	54.0	54.2	54.3
-41.25°	50.3	50.9	51.5	52.1	52.5	52.8	53.2	53.5	53.7	53.9	54.0
-42.5°	49.5	50.1	50.7	51.2	51.8	52.3	52.6	52.9	53.3	53.6	53.7
-43.75°	48.7	49.3	49.8	50.4	50.9	51.5	52.0	52.3	52.6	52.9	53.2
-45°	47.9	48.4	49.0	49.5	50.0	50.5	51.0	51.5	52.0	52.3	52.6
-46.25°	46.9	47.6	48.1	48.6	49.1	49.6	50.1	50.6	51.0	51.4	51.8
-47.5°	45.8	46.5	47.2	47.8	48.2	48.7	49.2	49.6	50.0	50.4	50.8
-48.75°	44.7	45.4	46.0	46.7	47.3	47.8	48.2	48.7	49.1	49.5	49.8
-50°	43.4	44.2	44.9	45.5	46.1	46.7	47.2	47.7	48.1	48.5	48.8
-51.25°	42.0	42.8	43.5	44.3	44.9	45.4	46.0	46.5	47.0	47.4	47.8
-52.5°	40.6	41.3	42.1	42.8	43.5	44.1	44.7	45.2	45.7	46.1	46.6
-53.75°	39.2	39.9	40.6	41.3	41.9	42.6	43.2	43.8	44.4	44.8	45.2
-55°	37.8	38.5	39.1	39.8	40.4	41.0	41.6	42.2	42.7	43.2	43.7
-56.25°	36.1	37.0	37.7	38.3	38.9	39.4	40.0	40.5	41.1	41.6	42.0
-57.5°	34.1	35.0	35.8	36.7	37.3	37.9	38.4	38.9	39.4	39.9	40.3
-58.75°	32.0	32.9	33.7	34.5	35.3	36.1	36.8	37.3	37.8	38.3	38.7
-60°	30.0	30.8	31.6	32.3	33.1	33.8	34.5	35.2	35.8	36.4	37.0
-61.25°	27.9	28.7	29.4	30.2	30.9	31.6	32.2	32.9	33.5	34.1	34.6
-62.5°	25.9	26.6	27.3	28.0	28.7	29.3	30.0	30.6	31.1	31.7	32.2
-63.75°	24.1	24.7	25.3	25.9	26.4	27.1	27.7	28.2	28.8	29.3	29.8
-65°	22.4	22.9	23.5	24.0	24.5	25.0	25.5	26.0	26.4	26.9	27.4
-66.25°	20.8	21.2	21.7	22.2	22.6	23.1	23.6	24.0	24.4	24.8	25.2
-67.5°	19.3	19.7	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.8	23.2
-68.75°	17.8	18.2	18.6	18.9	19.3	19.7	20.0	20.3	20.6	20.9	21.2
-70°	16.6	16.9	17.2	17.5	17.8	18.0	18.3	18.7	18.9	19.2	19.5
-71.25°	15.4	15.7	16.0	16.2	16.5	16.7	17.0	17.2	17.4	17.6	17.8
-72.5°	14.7	14.8	14.9	15.0	15.2	15.4	15.7	15.9	16.1	16.3	16.5
-73.75°	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1
-75°	13.4	13.5	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4
-76.25°	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.4	13.5	13.6	13.7
-77.5°	11.5	11.6	11.8	11.9	12.0	12.2	12.3	12.4	12.5	12.6	12.7



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	10.3	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.5	11.6	11.7
-80°	9.1	9.3	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4
-81.25°	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
-82.5°	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
-83.75°	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2
-85°	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8
-86.25°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.5
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7
85°	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
83.75°	6.3	6.3	6.4	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.7
82.5°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
81.25°	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7
80°	10.5	10.6	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.1	11.2
78.75°	11.7	11.8	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3
77.5°	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.3	13.4	13.4	13.5
76.25°	13.8	13.8	13.9	14.0	14.0	14.1	14.1	14.2	14.2	14.2	14.3
75°	14.5	14.5	14.6	14.7	14.7	14.8	14.8	14.9	14.9	15.0	15.0
73.75°	15.2	15.4	15.5	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4
72.5°	16.6	16.8	17.0	17.1	17.2	17.4	17.5	17.6	17.7	17.8	17.8
71.25°	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.3	19.4	19.6	19.7
70°	19.8	20.0	20.2	20.4	20.6	20.8	21.0	21.1	21.3	21.4	21.5
68.75°	21.5	21.8	22.0	22.3	22.6	22.8	23.0	23.2	23.4	23.5	23.7
67.5°	23.5	23.8	24.1	24.4	24.7	24.9	25.2	25.4	25.6	25.8	25.9
66.25°	25.6	25.9	26.3	26.6	26.9	27.2	27.5	27.8	28.0	28.2	28.4
65°	27.9	28.3	28.7	29.1	29.4	29.8	30.1	30.4	30.6	30.8	31.0
63.75°	30.3	30.8	31.2	31.6	32.0	32.3	32.6	32.9	33.2	33.4	33.7
62.5°	32.7	33.2	33.7	34.1	34.5	34.9	35.2	35.5	35.8	36.0	36.3
61.25°	35.2	35.7	36.1	36.6	37.0	37.3	37.5	37.8	38.0	38.1	38.3
60°	37.4	37.8	38.1	38.5	38.8	39.0	39.3	39.5	39.8	40.0	40.1
58.75°	39.1	39.5	39.8	40.2	40.5	40.8	41.1	41.4	41.6	41.8	42.0
57.5°	40.8	41.2	41.6	42.0	42.3	42.6	42.9	43.2	43.4	43.7	43.9
56.25°	42.5	42.9	43.3	43.7	44.1	44.4	44.7	44.9	45.1	45.3	45.5
55°	44.2	44.6	45.0	45.3	45.6	45.9	46.1	46.4	46.6	46.8	46.9
53.75°	45.6	46.0	46.4	46.7	47.0	47.3	47.6	47.7	47.9	48.1	48.2
52.5°	47.0	47.4	47.7	48.0	48.2	48.4	48.7	48.8	49.0	49.2	49.3
51.25°	48.1	48.4	48.7	49.0	49.3	49.5	49.7	50.0	50.1	50.3	50.5
50°	49.2	49.5	49.8	50.1	50.4	50.6	50.8	51.1	51.3	51.4	51.6
48.75°	50.2	50.5	50.8	51.1	51.4	51.7	51.9	52.1	52.3	52.4	52.5
47.5°	51.2	51.6	51.9	52.2	52.4	52.5	52.7	52.9	53.0	53.1	53.2
46.25°	52.2	52.4	52.6	52.9	53.1	53.2	53.4	53.6	53.7	53.7	53.8
45°	52.8	53.1	53.3	53.5	53.7	53.8	53.8	53.9	54.0	54.1	54.1
43.75°	53.5	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6
42.5°	53.9	54.0	54.1	54.2	54.3	54.5	54.7	54.9	55.1	55.2	55.4
41.25°	54.2	54.3	54.5	54.8	55.0	55.2	55.4	55.6	55.8	56.0	56.3
40°	54.6	54.9	55.2	55.5	55.7	56.0	56.3	56.6	56.9	57.2	57.4
38.75°	55.3	55.6	55.9	56.3	56.7	57.1	57.4	57.7	58.0	58.5	59.0
37.5°	56.0	56.4	56.9	57.3	57.7	58.2	59.0	59.7	60.4	61.0	61.6
36.25°	56.9	57.4	57.9	58.7	59.7	60.6	61.4	62.2	62.9	63.9	65.4
35°	57.9	58.8	59.9	61.0	62.0	63.0	64.7	66.9	68.9	70.7	72.3



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	59.8	61.0	62.2	63.3	66.1	68.7	71.2	73.5	75.6	77.5	80.7
32.5°	62.0	63.2	66.3	69.4	72.4	75.1	77.8	82.6	87.0	91.0	94.6
31.25°	65.3	68.8	72.3	75.5	79.5	85.4	90.8	95.8	100.4	104.6	108.7
30°	70.9	74.7	78.7	85.6	92.0	98.1	103.7	109.5	115.1	120.3	124.9
28.75°	76.5	83.1	90.5	97.6	104.3	111.4	118.4	124.9	130.9	136.3	141.4
27.5°	86.4	94.5	102.2	110.1	118.4	126.2	133.5	140.2	148.9	156.8	169.4
26.25°	97.3	105.7	115.0	124.0	132.6	140.9	151.5	164.1	184.1	203.7	235.3
25°	108.3	118.5	128.3	137.7	149.2	163.2	187.5	219.3	260.0	303.9	351.8
23.75°	120.6	131.2	141.8	155.5	179.6	212.3	261.9	319.9	381.4	446.1	507.3
22.5°	132.7	144.9	160.3	191.5	240.6	301.9	376.5	456.8	535.3	617.2	691.3
21.25°	146.0	165.0	198.7	259.8	337.1	424.6	519.4	618.8	715.1	812.0	900.2
20°	165.0	201.4	269.4	358.5	460.0	568.8	683.1	800.7	913.6	1021.0	1116.9
18.75°	198.7	269.4	365.6	477.9	600.5	729.5	863.0	994.2	1116.3	1227.0	1322.5
17.5°	259.8	358.5	477.9	611.2	754.0	901.9	1048.9	1185.0	1308.0	1417.0	1520.5
16.25°	337.1	460.0	600.5	754.0	915.2	1076.4	1226.8	1361.6	1489.0	1610.5	1725.0
15°	424.6	568.8	729.5	901.9	1076.4	1240.8	1388.7	1533.4	1673.8	1807.0	1931.4
13.75°	519.4	683.1	863.0	1048.9	1226.8	1388.7	1548.4	1705.9	1858.2	2001.9	2130.4
12.5°	618.8	800.7	994.2	1185.0	1361.6	1533.4	1705.9	1875.4	2036.8	2184.7	2315.3
11.25°	715.1	913.6	1116.3	1308.0	1489.0	1673.8	1858.2	2036.8	2202.3	2352.2	2483.1
10°	812.0	1021.0	1227.0	1417.0	1610.5	1807.0	2001.9	2184.7	2352.2	2501.6	2633.2
8.75°	900.2	1116.9	1322.5	1520.5	1725.0	1931.4	2130.4	2315.3	2483.1	2633.2	2768.1
7.5°	981.4	1200.8	1405.5	1613.5	1827.9	2041.5	2243.0	2428.7	2597.0	2749.5	2886.1
6.25°	1051.3	1272.2	1479.7	1696.8	1918.9	2136.0	2339.9	2526.3	2695.0	2849.6	2988.3
5°	1108.5	1328.3	1542.7	1766.5	1995.0	2213.8	2417.5	2604.0	2775.7	2931.6	3075.3
3.75°	1153.1	1372.6	1592.5	1822.1	2053.7	2274.2	2479.0	2666.6	2839.4	2996.8	3143.2
2.5°	1185.3	1404.6	1629.1	1862.9	2096.4	2318.1	2523.5	2710.5	2884.0	3044.6	3193.8
1.25°	1204.7	1423.9	1651.6	1887.6	2122.2	2344.8	2549.0	2737.2	2911.4	3074.1	3222.8
0°	1211.2	1430.4	1659.2	1895.9	2130.9	2353.8	2557.6	2746.2	2920.6	3084.1	3232.2
-1.25°	1204.7	1423.9	1651.6	1887.6	2122.2	2344.8	2549.0	2737.2	2911.4	3074.1	3222.8
-2.5°	1185.3	1404.6	1629.1	1862.9	2096.4	2318.1	2523.5	2710.5	2884.0	3044.6	3193.8
-3.75°	1153.1	1372.6	1592.5	1822.1	2053.7	2274.2	2479.0	2666.6	2839.4	2996.8	3143.2
-5°	1108.5	1328.3	1542.7	1766.5	1995.0	2213.8	2417.5	2604.0	2775.7	2931.6	3075.3
-6.25°	1051.3	1272.2	1479.7	1696.8	1918.9	2136.0	2339.9	2526.3	2695.0	2849.6	2988.3
-7.5°	981.4	1200.8	1405.5	1613.5	1827.9	2041.5	2243.0	2428.7	2597.0	2749.5	2886.1
-8.75°	900.2	1116.9	1322.5	1520.5	1725.0	1931.4	2130.4	2315.3	2483.1	2633.2	2768.1
-10°	812.0	1021.0	1227.0	1417.0	1610.5	1807.0	2001.9	2184.7	2352.2	2501.6	2633.2
-11.25°	715.1	913.6	1116.3	1308.0	1489.0	1673.8	1858.2	2036.8	2202.3	2352.2	2483.1
-12.5°	618.8	800.7	994.2	1185.0	1361.6	1533.4	1705.9	1875.4	2036.8	2184.7	2315.3
-13.75°	519.4	683.1	863.0	1048.9	1226.8	1388.7	1548.4	1705.9	1858.2	2001.9	2130.4
-15°	424.6	568.8	729.5	901.9	1076.4	1240.8	1388.7	1533.4	1673.8	1807.0	1931.4
-16.25°	337.1	460.0	600.5	754.0	915.2	1076.4	1226.8	1361.6	1489.0	1610.5	1725.0
-17.5°	259.8	358.5	477.9	611.2	754.0	901.9	1048.9	1185.0	1308.0	1417.0	1520.5
-18.75°	198.7	269.4	365.6	477.9	600.5	729.5	863.0	994.2	1116.3	1227.0	1322.5
-20°	165.0	201.4	269.4	358.5	460.0	568.8	683.1	800.7	913.6	1021.0	1116.9
-21.25°	146.0	165.0	198.7	259.8	337.1	424.6	519.4	618.8	715.1	812.0	900.2



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	132.7	144.9	160.3	191.5	240.6	301.9	376.5	456.8	535.3	617.2	691.3
-23.75°	120.6	131.2	141.8	155.5	179.6	212.3	261.9	319.9	381.4	446.1	507.3
-25°	108.3	118.5	128.3	137.7	149.2	163.2	187.5	219.3	260.0	303.9	351.8
-26.25°	97.3	105.7	115.0	124.0	132.6	140.9	151.5	164.1	184.1	203.7	235.3
-27.5°	86.4	94.5	102.2	110.1	118.4	126.2	133.5	140.2	148.9	156.8	169.4
-28.75°	76.5	83.1	90.5	97.6	104.3	111.4	118.4	124.9	130.9	136.3	141.4
-30°	70.9	74.7	78.7	85.6	92.0	98.1	103.7	109.5	115.1	120.3	124.9
-31.25°	65.3	68.8	72.3	75.5	79.5	85.4	90.8	95.8	100.4	104.6	108.7
-32.5°	62.0	63.2	66.3	69.4	72.4	75.1	77.8	82.6	87.0	91.0	94.6
-33.75°	59.8	61.0	62.2	63.3	66.1	68.7	71.2	73.5	75.6	77.5	80.7
-35°	57.9	58.8	59.9	61.0	62.0	63.0	64.7	66.9	68.9	70.7	72.3
-36.25°	56.9	57.4	57.9	58.7	59.7	60.6	61.4	62.2	62.9	63.9	65.4
-37.5°	56.0	56.4	56.9	57.3	57.7	58.2	59.0	59.7	60.4	61.0	61.6
-38.75°	55.3	55.6	55.9	56.3	56.7	57.1	57.4	57.7	58.0	58.5	59.0
-40°	54.6	54.9	55.2	55.5	55.7	56.0	56.3	56.6	56.9	57.2	57.4
-41.25°	54.2	54.3	54.5	54.8	55.0	55.2	55.4	55.6	55.8	56.0	56.3
-42.5°	53.9	54.0	54.1	54.2	54.3	54.5	54.7	54.9	55.1	55.2	55.4
-43.75°	53.5	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6
-45°	52.8	53.1	53.3	53.5	53.7	53.8	53.8	53.9	54.0	54.1	54.1
-46.25°	52.2	52.4	52.6	52.9	53.1	53.2	53.4	53.6	53.7	53.7	53.8
-47.5°	51.2	51.6	51.9	52.2	52.4	52.5	52.7	52.9	53.0	53.1	53.2
-48.75°	50.2	50.5	50.8	51.1	51.4	51.7	51.9	52.1	52.3	52.4	52.5
-50°	49.2	49.5	49.8	50.1	50.4	50.6	50.8	51.1	51.3	51.4	51.6
-51.25°	48.1	48.4	48.7	49.0	49.3	49.5	49.7	50.0	50.1	50.3	50.5
-52.5°	47.0	47.4	47.7	48.0	48.2	48.4	48.7	48.8	49.0	49.2	49.3
-53.75°	45.6	46.0	46.4	46.7	47.0	47.3	47.6	47.7	47.9	48.1	48.2
-55°	44.2	44.6	45.0	45.3	45.6	45.9	46.1	46.4	46.6	46.8	46.9
-56.25°	42.5	42.9	43.3	43.7	44.1	44.4	44.7	44.9	45.1	45.3	45.5
-57.5°	40.8	41.2	41.6	42.0	42.3	42.6	42.9	43.2	43.4	43.7	43.9
-58.75°	39.1	39.5	39.8	40.2	40.5	40.8	41.1	41.4	41.6	41.8	42.0
-60°	37.4	37.8	38.1	38.5	38.8	39.0	39.3	39.5	39.8	40.0	40.1
-61.25°	35.2	35.7	36.1	36.6	37.0	37.3	37.5	37.8	38.0	38.1	38.3
-62.5°	32.7	33.2	33.7	34.1	34.5	34.9	35.2	35.5	35.8	36.0	36.3
-63.75°	30.3	30.8	31.2	31.6	32.0	32.3	32.6	32.9	33.2	33.4	33.7
-65°	27.9	28.3	28.7	29.1	29.4	29.8	30.1	30.4	30.6	30.8	31.0
-66.25°	25.6	25.9	26.3	26.6	26.9	27.2	27.5	27.8	28.0	28.2	28.4
-67.5°	23.5	23.8	24.1	24.4	24.7	24.9	25.2	25.4	25.6	25.8	25.9
-68.75°	21.5	21.8	22.0	22.3	22.6	22.8	23.0	23.2	23.4	23.5	23.7
-70°	19.8	20.0	20.2	20.4	20.6	20.8	21.0	21.1	21.3	21.4	21.5
-71.25°	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.3	19.4	19.6	19.7
-72.5°	16.6	16.8	17.0	17.1	17.2	17.4	17.5	17.6	17.7	17.8	17.8
-73.75°	15.2	15.4	15.5	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4
-75°	14.5	14.5	14.6	14.7	14.7	14.8	14.8	14.9	14.9	15.0	15.0
-76.25°	13.8	13.8	13.9	14.0	14.0	14.1	14.1	14.2	14.2	14.2	14.3
-77.5°	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.3	13.4	13.4	13.5



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	11.7	11.8	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.3
-80°	10.5	10.6	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.1	11.2
-81.25°	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7
-82.5°	7.7	7.8	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
-83.75°	6.3	6.3	6.4	6.5	6.5	6.5	6.6	6.6	6.7	6.7	6.7
-85°	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2
-86.25°	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
83.75°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
81.25°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
80°	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
78.75°	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.4	12.4	12.4	12.4
77.5°	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
76.25°	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.3
75°	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
73.75°	16.4	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.5
72.5°	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0
71.25°	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
70°	21.6	21.7	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.8	21.8
68.75°	23.8	23.9	24.0	24.1	24.1	24.1	24.2	24.1	24.1	24.1	24.0
67.5°	26.0	26.1	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.3	26.2
66.25°	28.6	28.7	28.8	28.9	29.0	29.0	29.1	29.0	29.0	28.9	28.8
65°	31.2	31.4	31.5	31.6	31.6	31.7	31.7	31.7	31.6	31.6	31.5
63.75°	33.8	34.0	34.1	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.1
62.5°	36.5	36.6	36.8	36.9	36.9	37.0	37.0	37.0	36.9	36.9	36.8
61.25°	38.5	38.6	38.7	38.8	38.8	38.8	38.9	38.8	38.8	38.8	38.7
60°	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.6	40.5
58.75°	42.1	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.5	42.5	42.4
57.5°	44.0	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.4	44.4	44.3
56.25°	45.6	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	45.9	45.8
55°	47.1	47.2	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.4	47.3
53.75°	48.3	48.4	48.5	48.6	48.6	48.6	48.7	48.6	48.6	48.6	48.5
52.5°	49.5	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.7	49.6
51.25°	50.6	50.7	50.8	50.9	50.9	50.9	51.0	50.9	50.9	50.9	50.8
50°	51.7	51.8	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.0	51.9
48.75°	52.6	52.7	52.7	52.8	52.8	52.8	52.9	52.8	52.8	52.8	52.7
47.5°	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.5	53.5
46.25°	53.8	53.9	53.9	53.9	53.9	53.9	54.0	53.9	53.9	53.9	53.9
45°	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.2
43.75°	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.0	55.0	55.0	54.9
42.5°	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.7	55.7
41.25°	56.4	56.6	56.7	56.8	56.9	56.9	57.0	56.9	56.9	56.8	56.7
40°	57.6	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.0	58.0	57.9
38.75°	59.5	59.9	60.2	60.4	60.6	60.7	60.8	60.7	60.6	60.4	60.2
37.5°	62.1	62.5	62.8	63.1	63.2	63.4	63.4	63.4	63.2	63.1	62.8
36.25°	66.8	67.9	68.9	69.6	70.1	70.4	70.6	70.4	70.1	69.6	68.9
35°	73.7	74.9	75.9	76.7	77.3	77.6	77.7	77.6	77.3	76.7	75.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	83.7	86.2	88.3	89.9	91.1	91.8	92.1	91.8	91.1	89.9	88.3
32.5°	97.7	100.3	102.5	104.2	105.4	106.2	106.4	106.2	105.4	104.2	102.5
31.25°	112.5	115.8	118.5	120.6	122.1	123.0	123.4	123.0	122.1	120.6	118.5
30°	128.9	132.4	135.2	137.4	139.0	140.0	140.3	140.0	139.0	137.4	135.2
28.75°	147.3	152.3	156.5	160.3	165.5	168.5	169.6	168.5	165.5	160.3	156.5
27.5°	183.0	194.6	207.5	222.1	232.6	238.9	241.1	238.9	232.6	222.1	207.5
26.25°	263.1	289.3	317.6	339.8	355.7	365.3	368.6	365.3	355.7	339.8	317.6
25°	394.0	437.0	473.3	501.8	522.2	534.6	538.7	534.6	522.2	501.8	473.3
23.75°	564.6	617.8	661.9	696.5	723.8	740.5	746.2	740.5	723.8	696.5	661.9
22.5°	763.3	826.1	878.2	921.0	952.0	970.7	977.0	970.7	952.0	921.0	878.2
21.25°	981.4	1051.3	1108.5	1153.1	1185.3	1204.7	1211.2	1204.7	1185.3	1153.1	1108.5
20°	1200.8	1272.2	1328.3	1372.6	1404.6	1423.9	1430.4	1423.9	1404.6	1372.6	1328.3
18.75°	1405.5	1479.7	1542.7	1592.5	1629.1	1651.6	1659.2	1651.6	1629.1	1592.5	1542.7
17.5°	1613.5	1696.8	1766.5	1822.1	1862.9	1887.6	1895.9	1887.6	1862.9	1822.1	1766.5
16.25°	1827.9	1918.9	1995.0	2053.7	2096.4	2122.2	2130.9	2122.2	2096.4	2053.7	1995.0
15°	2041.5	2136.0	2213.8	2274.2	2318.1	2344.8	2353.8	2344.8	2318.1	2274.2	2213.8
13.75°	2243.0	2339.9	2417.5	2479.0	2523.5	2549.0	2557.6	2549.0	2523.5	2479.0	2417.5
12.5°	2428.7	2526.3	2604.0	2666.6	2710.5	2737.2	2746.2	2737.2	2710.5	2666.6	2604.0
11.25°	2597.0	2695.0	2775.7	2839.4	2884.0	2911.4	2920.6	2911.4	2884.0	2839.4	2775.7
10°	2749.5	2849.6	2931.6	2996.8	3044.6	3074.1	3084.1	3074.1	3044.6	2996.8	2931.6
8.75°	2886.1	2988.3	3075.3	3143.2	3193.8	3222.8	3232.2	3222.8	3193.8	3143.2	3075.3
7.5°	3007.4	3114.3	3204.9	3271.5	3321.1	3349.4	3359.2	3349.4	3321.1	3271.5	3204.9
6.25°	3114.3	3223.7	3312.2	3379.4	3426.3	3452.6	3461.7	3452.6	3426.3	3379.4	3312.2
5°	3204.9	3312.2	3400.0	3461.9	3503.5	3528.1	3536.8	3528.1	3503.5	3461.9	3400.0
3.75°	3271.5	3379.4	3461.9	3519.7	3557.6	3580.2	3585.2	3580.2	3557.6	3519.7	3461.9
2.5°	3321.1	3426.3	3503.5	3557.6	3590.6	3606.1	3609.2	3606.1	3590.6	3557.6	3503.5
1.25°	3349.4	3452.6	3528.1	3580.2	3606.1	3617.1	3623.0	3617.1	3606.1	3580.2	3528.1
0°	3359.2	3461.7	3536.8	3585.2	3609.2	3623.0	3636.4	3623.0	3609.2	3585.2	3536.8
-1.25°	3349.4	3452.6	3528.1	3580.2	3606.1	3617.1	3623.0	3617.1	3606.1	3580.2	3528.1
-2.5°	3321.1	3426.3	3503.5	3557.6	3590.6	3606.1	3609.2	3606.1	3590.6	3557.6	3503.5
-3.75°	3271.5	3379.4	3461.9	3519.7	3557.6	3580.2	3585.2	3580.2	3557.6	3519.7	3461.9
-5°	3204.9	3312.2	3400.0	3461.9	3503.5	3528.1	3536.8	3528.1	3503.5	3461.9	3400.0
-6.25°	3114.3	3223.7	3312.2	3379.4	3426.3	3452.6	3461.7	3452.6	3426.3	3379.4	3312.2
-7.5°	3007.4	3114.3	3204.9	3271.5	3321.1	3349.4	3359.2	3349.4	3321.1	3271.5	3204.9
-8.75°	2886.1	2988.3	3075.3	3143.2	3193.8	3222.8	3232.2	3222.8	3193.8	3143.2	3075.3
-10°	2749.5	2849.6	2931.6	2996.8	3044.6	3074.1	3084.1	3074.1	3044.6	2996.8	2931.6
-11.25°	2597.0	2695.0	2775.7	2839.4	2884.0	2911.4	2920.6	2911.4	2884.0	2839.4	2775.7
-12.5°	2428.7	2526.3	2604.0	2666.6	2710.5	2737.2	2746.2	2737.2	2710.5	2666.6	2604.0
-13.75°	2243.0	2339.9	2417.5	2479.0	2523.5	2549.0	2557.6	2549.0	2523.5	2479.0	2417.5
-15°	2041.5	2136.0	2213.8	2274.2	2318.1	2344.8	2353.8	2344.8	2318.1	2274.2	2213.8
-16.25°	1827.9	1918.9	1995.0	2053.7	2096.4	2122.2	2130.9	2122.2	2096.4	2053.7	1995.0
-17.5°	1613.5	1696.8	1766.5	1822.1	1862.9	1887.6	1895.9	1887.6	1862.9	1822.1	1766.5
-18.75°	1405.5	1479.7	1542.7	1592.5	1629.1	1651.6	1659.2	1651.6	1629.1	1592.5	1542.7
-20°	1200.8	1272.2	1328.3	1372.6	1404.6	1423.9	1430.4	1423.9	1404.6	1372.6	1328.3
-21.25°	981.4	1051.3	1108.5	1153.1	1185.3	1204.7	1211.2	1204.7	1185.3	1153.1	1108.5



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	763.3	826.1	878.2	921.0	952.0	970.7	977.0	970.7	952.0	921.0	878.2
-23.75°	564.6	617.8	661.9	696.5	723.8	740.5	746.2	740.5	723.8	696.5	661.9
-25°	394.0	437.0	473.3	501.8	522.2	534.6	538.7	534.6	522.2	501.8	473.3
-26.25°	263.1	289.3	317.6	339.8	355.7	365.3	368.6	365.3	355.7	339.8	317.6
-27.5°	183.0	194.6	207.5	222.1	232.6	238.9	241.1	238.9	232.6	222.1	207.5
-28.75°	147.3	152.3	156.5	160.3	165.5	168.5	169.6	168.5	165.5	160.3	156.5
-30°	128.9	132.4	135.2	137.4	139.0	140.0	140.3	140.0	139.0	137.4	135.2
-31.25°	112.5	115.8	118.5	120.6	122.1	123.0	123.4	123.0	122.1	120.6	118.5
-32.5°	97.7	100.3	102.5	104.2	105.4	106.2	106.4	106.2	105.4	104.2	102.5
-33.75°	83.7	86.2	88.3	89.9	91.1	91.8	92.1	91.8	91.1	89.9	88.3
-35°	73.7	74.9	75.9	76.7	77.3	77.6	77.7	77.6	77.3	76.7	75.9
-36.25°	66.8	67.9	68.9	69.6	70.1	70.4	70.6	70.4	70.1	69.6	68.9
-37.5°	62.1	62.5	62.8	63.1	63.2	63.4	63.4	63.4	63.2	63.1	62.8
-38.75°	59.5	59.9	60.2	60.4	60.6	60.7	60.8	60.7	60.6	60.4	60.2
-40°	57.6	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.0	58.0	57.9
-41.25°	56.4	56.6	56.7	56.8	56.9	56.9	57.0	56.9	56.9	56.8	56.7
-42.5°	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.7	55.7
-43.75°	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.0	55.0	55.0	54.9
-45°	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.2
-46.25°	53.8	53.9	53.9	53.9	53.9	53.9	54.0	53.9	53.9	53.9	53.9
-47.5°	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.5	53.5
-48.75°	52.6	52.7	52.7	52.8	52.8	52.8	52.9	52.8	52.8	52.8	52.7
-50°	51.7	51.8	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.0	51.9
-51.25°	50.6	50.7	50.8	50.9	50.9	50.9	51.0	50.9	50.9	50.9	50.8
-52.5°	49.5	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.7	49.6
-53.75°	48.3	48.4	48.5	48.6	48.6	48.6	48.7	48.6	48.6	48.6	48.5
-55°	47.1	47.2	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.4	47.3
-56.25°	45.6	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	45.9	45.8
-57.5°	44.0	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.4	44.4	44.3
-58.75°	42.1	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.5	42.5	42.4
-60°	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.6	40.5
-61.25°	38.5	38.6	38.7	38.8	38.8	38.8	38.9	38.8	38.8	38.8	38.7
-62.5°	36.5	36.6	36.8	36.9	36.9	37.0	37.0	37.0	36.9	36.9	36.8
-63.75°	33.8	34.0	34.1	34.2	34.3	34.3	34.4	34.3	34.3	34.2	34.1
-65°	31.2	31.4	31.5	31.6	31.6	31.7	31.7	31.7	31.6	31.6	31.5
-66.25°	28.6	28.7	28.8	28.9	29.0	29.0	29.1	29.0	29.0	28.9	28.8
-67.5°	26.0	26.1	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.3	26.2
-68.75°	23.8	23.9	24.0	24.1	24.1	24.1	24.2	24.1	24.1	24.1	24.0
-70°	21.6	21.7	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.8	21.8
-71.25°	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	19.9	19.9
-72.5°	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0
-73.75°	16.4	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.5
-75°	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
-76.25°	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.3
-77.5°	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.4	12.4	12.4	12.4
-80°	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
-81.25°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-82.5°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-83.75°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-85°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-86.25°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6
85°	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
83.75°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4
82.5°	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
81.25°	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3	9.2
80°	11.2	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.8	10.7	10.7
78.75°	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9
77.5°	13.5	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0
76.25°	14.3	14.3	14.3	14.2	14.2	14.2	14.1	14.1	14.0	14.0	13.9
75°	15.0	15.0	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.7	14.6
73.75°	16.5	16.4	16.4	16.3	16.2	16.1	16.0	15.9	15.8	15.7	15.5
72.5°	18.0	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.2	17.1	17.0
71.25°	19.8	19.7	19.7	19.6	19.4	19.3	19.2	19.0	18.8	18.6	18.4
70°	21.7	21.6	21.5	21.4	21.3	21.1	21.0	20.8	20.6	20.4	20.2
68.75°	23.9	23.8	23.7	23.5	23.4	23.2	23.0	22.8	22.6	22.3	22.0
67.5°	26.1	26.0	25.9	25.8	25.6	25.4	25.2	24.9	24.7	24.4	24.1
66.25°	28.7	28.6	28.4	28.2	28.0	27.8	27.5	27.2	26.9	26.6	26.3
65°	31.4	31.2	31.0	30.8	30.6	30.4	30.1	29.8	29.4	29.1	28.7
63.75°	34.0	33.8	33.7	33.4	33.2	32.9	32.6	32.3	32.0	31.6	31.2
62.5°	36.6	36.5	36.3	36.0	35.8	35.5	35.2	34.9	34.5	34.1	33.7
61.25°	38.6	38.5	38.3	38.1	38.0	37.8	37.5	37.3	37.0	36.6	36.1
60°	40.4	40.3	40.1	40.0	39.8	39.5	39.3	39.0	38.8	38.5	38.1
58.75°	42.3	42.1	42.0	41.8	41.6	41.4	41.1	40.8	40.5	40.2	39.8
57.5°	44.2	44.0	43.9	43.7	43.4	43.2	42.9	42.6	42.3	42.0	41.6
56.25°	45.7	45.6	45.5	45.3	45.1	44.9	44.7	44.4	44.1	43.7	43.3
55°	47.2	47.1	46.9	46.8	46.6	46.4	46.1	45.9	45.6	45.3	45.0
53.75°	48.4	48.3	48.2	48.1	47.9	47.7	47.6	47.3	47.0	46.7	46.4
52.5°	49.6	49.5	49.3	49.2	49.0	48.8	48.7	48.4	48.2	48.0	47.7
51.25°	50.7	50.6	50.5	50.3	50.1	50.0	49.7	49.5	49.3	49.0	48.7
50°	51.8	51.7	51.6	51.4	51.3	51.1	50.8	50.6	50.4	50.1	49.8
48.75°	52.7	52.6	52.5	52.4	52.3	52.1	51.9	51.7	51.4	51.1	50.8
47.5°	53.4	53.3	53.2	53.1	53.0	52.9	52.7	52.5	52.4	52.2	51.9
46.25°	53.9	53.8	53.8	53.7	53.7	53.6	53.4	53.2	53.1	52.9	52.6
45°	54.2	54.2	54.1	54.1	54.0	53.9	53.8	53.8	53.7	53.5	53.3
43.75°	54.8	54.7	54.6	54.5	54.4	54.3	54.2	54.1	54.0	53.9	53.8
42.5°	55.6	55.5	55.4	55.2	55.1	54.9	54.7	54.5	54.3	54.2	54.1
41.25°	56.6	56.4	56.3	56.0	55.8	55.6	55.4	55.2	55.0	54.8	54.5
40°	57.7	57.6	57.4	57.2	56.9	56.6	56.3	56.0	55.7	55.5	55.2
38.75°	59.9	59.5	59.0	58.5	58.0	57.7	57.4	57.1	56.7	56.3	55.9
37.5°	62.5	62.1	61.6	61.0	60.4	59.7	59.0	58.2	57.7	57.3	56.9
36.25°	67.9	66.8	65.4	63.9	62.9	62.2	61.4	60.6	59.7	58.7	57.9
35°	74.9	73.7	72.3	70.7	68.9	66.9	64.7	63.0	62.0	61.0	59.9

REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	86.2	83.7	80.7	77.5	75.6	73.5	71.2	68.7	66.1	63.3	62.2
32.5°	100.3	97.7	94.6	91.0	87.0	82.6	77.8	75.1	72.4	69.4	66.3
31.25°	115.8	112.5	108.7	104.6	100.4	95.8	90.8	85.4	79.5	75.5	72.3
30°	132.4	128.9	124.9	120.3	115.1	109.5	103.7	98.1	92.0	85.6	78.7
28.75°	152.3	147.3	141.4	136.3	130.9	124.9	118.4	111.4	104.3	97.6	90.5
27.5°	194.6	183.0	169.4	156.8	148.9	140.2	133.5	126.2	118.4	110.1	102.2
26.25°	289.3	263.1	235.3	203.7	184.1	164.1	151.5	140.9	132.6	124.0	115.0
25°	437.0	394.0	351.8	303.9	260.0	219.3	187.5	163.2	149.2	137.7	128.3
23.75°	617.8	564.6	507.3	446.1	381.4	319.9	261.9	212.3	179.6	155.5	141.8
22.5°	826.1	763.3	691.3	617.2	535.3	456.8	376.5	301.9	240.6	191.5	160.3
21.25°	1051.3	981.4	900.2	812.0	715.1	618.8	519.4	424.6	337.1	259.8	198.7
20°	1272.2	1200.8	1116.9	1021.0	913.6	800.7	683.1	568.8	460.0	358.5	269.4
18.75°	1479.7	1405.5	1322.5	1227.0	1116.3	994.2	863.0	729.5	600.5	477.9	365.6
17.5°	1696.8	1613.5	1520.5	1417.0	1308.0	1185.0	1048.9	901.9	754.0	611.2	477.9
16.25°	1918.9	1827.9	1725.0	1610.5	1489.0	1361.6	1226.8	1076.4	915.2	754.0	600.5
15°	2136.0	2041.5	1931.4	1807.0	1673.8	1533.4	1388.7	1240.8	1076.4	901.9	729.5
13.75°	2339.9	2243.0	2130.4	2001.9	1858.2	1705.9	1548.4	1388.7	1226.8	1048.9	863.0
12.5°	2526.3	2428.7	2315.3	2184.7	2036.8	1875.4	1705.9	1533.4	1361.6	1185.0	994.2
11.25°	2695.0	2597.0	2483.1	2352.2	2202.3	2036.8	1858.2	1673.8	1489.0	1308.0	1116.3
10°	2849.6	2749.5	2633.2	2501.6	2352.2	2184.7	2001.9	1807.0	1610.5	1417.0	1227.0
8.75°	2988.3	2886.1	2768.1	2633.2	2483.1	2315.3	2130.4	1931.4	1725.0	1520.5	1322.5
7.5°	3114.3	3007.4	2886.1	2749.5	2597.0	2428.7	2243.0	2041.5	1827.9	1613.5	1405.5
6.25°	3223.7	3114.3	2988.3	2849.6	2695.0	2526.3	2339.9	2136.0	1918.9	1696.8	1479.7
5°	3312.2	3204.9	3075.3	2931.6	2775.7	2604.0	2417.5	2213.8	1995.0	1766.5	1542.7
3.75°	3379.4	3271.5	3143.2	2996.8	2839.4	2666.6	2479.0	2274.2	2053.7	1822.1	1592.5
2.5°	3426.3	3321.1	3193.8	3044.6	2884.0	2710.5	2523.5	2318.1	2096.4	1862.9	1629.1
1.25°	3452.6	3349.4	3222.8	3074.1	2911.4	2737.2	2549.0	2344.8	2122.2	1887.6	1651.6
0°	3461.7	3359.2	3232.2	3084.1	2920.6	2746.2	2557.6	2353.8	2130.9	1895.9	1659.2
-1.25°	3452.6	3349.4	3222.8	3074.1	2911.4	2737.2	2549.0	2344.8	2122.2	1887.6	1651.6
-2.5°	3426.3	3321.1	3193.8	3044.6	2884.0	2710.5	2523.5	2318.1	2096.4	1862.9	1629.1
-3.75°	3379.4	3271.5	3143.2	2996.8	2839.4	2666.6	2479.0	2274.2	2053.7	1822.1	1592.5
-5°	3312.2	3204.9	3075.3	2931.6	2775.7	2604.0	2417.5	2213.8	1995.0	1766.5	1542.7
-6.25°	3223.7	3114.3	2988.3	2849.6	2695.0	2526.3	2339.9	2136.0	1918.9	1696.8	1479.7
-7.5°	3114.3	3007.4	2886.1	2749.5	2597.0	2428.7	2243.0	2041.5	1827.9	1613.5	1405.5
-8.75°	2988.3	2886.1	2768.1	2633.2	2483.1	2315.3	2130.4	1931.4	1725.0	1520.5	1322.5
-10°	2849.6	2749.5	2633.2	2501.6	2352.2	2184.7	2001.9	1807.0	1610.5	1417.0	1227.0
-11.25°	2695.0	2597.0	2483.1	2352.2	2202.3	2036.8	1858.2	1673.8	1489.0	1308.0	1116.3
-12.5°	2526.3	2428.7	2315.3	2184.7	2036.8	1875.4	1705.9	1533.4	1361.6	1185.0	994.2
-13.75°	2339.9	2243.0	2130.4	2001.9	1858.2	1705.9	1548.4	1388.7	1226.8	1048.9	863.0
-15°	2136.0	2041.5	1931.4	1807.0	1673.8	1533.4	1388.7	1240.8	1076.4	901.9	729.5
-16.25°	1918.9	1827.9	1725.0	1610.5	1489.0	1361.6	1226.8	1076.4	915.2	754.0	600.5
-17.5°	1696.8	1613.5	1520.5	1417.0	1308.0	1185.0	1048.9	901.9	754.0	611.2	477.9
-18.75°	1479.7	1405.5	1322.5	1227.0	1116.3	994.2	863.0	729.5	600.5	477.9	365.6
-20°	1272.2	1200.8	1116.9	1021.0	913.6	800.7	683.1	568.8	460.0	358.5	269.4
-21.25°	1051.3	981.4	900.2	812.0	715.1	618.8	519.4	424.6	337.1	259.8	198.7



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	826.1	763.3	691.3	617.2	535.3	456.8	376.5	301.9	240.6	191.5	160.3
-23.75°	617.8	564.6	507.3	446.1	381.4	319.9	261.9	212.3	179.6	155.5	141.8
-25°	437.0	394.0	351.8	303.9	260.0	219.3	187.5	163.2	149.2	137.7	128.3
-26.25°	289.3	263.1	235.3	203.7	184.1	164.1	151.5	140.9	132.6	124.0	115.0
-27.5°	194.6	183.0	169.4	156.8	148.9	140.2	133.5	126.2	118.4	110.1	102.2
-28.75°	152.3	147.3	141.4	136.3	130.9	124.9	118.4	111.4	104.3	97.6	90.5
-30°	132.4	128.9	124.9	120.3	115.1	109.5	103.7	98.1	92.0	85.6	78.7
-31.25°	115.8	112.5	108.7	104.6	100.4	95.8	90.8	85.4	79.5	75.5	72.3
-32.5°	100.3	97.7	94.6	91.0	87.0	82.6	77.8	75.1	72.4	69.4	66.3
-33.75°	86.2	83.7	80.7	77.5	75.6	73.5	71.2	68.7	66.1	63.3	62.2
-35°	74.9	73.7	72.3	70.7	68.9	66.9	64.7	63.0	62.0	61.0	59.9
-36.25°	67.9	66.8	65.4	63.9	62.9	62.2	61.4	60.6	59.7	58.7	57.9
-37.5°	62.5	62.1	61.6	61.0	60.4	59.7	59.0	58.2	57.7	57.3	56.9
-38.75°	59.9	59.5	59.0	58.5	58.0	57.7	57.4	57.1	56.7	56.3	55.9
-40°	57.7	57.6	57.4	57.2	56.9	56.6	56.3	56.0	55.7	55.5	55.2
-41.25°	56.6	56.4	56.3	56.0	55.8	55.6	55.4	55.2	55.0	54.8	54.5
-42.5°	55.6	55.5	55.4	55.2	55.1	54.9	54.7	54.5	54.3	54.2	54.1
-43.75°	54.8	54.7	54.6	54.5	54.4	54.3	54.2	54.1	54.0	53.9	53.8
-45°	54.2	54.2	54.1	54.1	54.0	53.9	53.8	53.8	53.7	53.5	53.3
-46.25°	53.9	53.8	53.8	53.7	53.7	53.6	53.4	53.2	53.1	52.9	52.6
-47.5°	53.4	53.3	53.2	53.1	53.0	52.9	52.7	52.5	52.4	52.2	51.9
-48.75°	52.7	52.6	52.5	52.4	52.3	52.1	51.9	51.7	51.4	51.1	50.8
-50°	51.8	51.7	51.6	51.4	51.3	51.1	50.8	50.6	50.4	50.1	49.8
-51.25°	50.7	50.6	50.5	50.3	50.1	50.0	49.7	49.5	49.3	49.0	48.7
-52.5°	49.6	49.5	49.3	49.2	49.0	48.8	48.7	48.4	48.2	48.0	47.7
-53.75°	48.4	48.3	48.2	48.1	47.9	47.7	47.6	47.3	47.0	46.7	46.4
-55°	47.2	47.1	46.9	46.8	46.6	46.4	46.1	45.9	45.6	45.3	45.0
-56.25°	45.7	45.6	45.5	45.3	45.1	44.9	44.7	44.4	44.1	43.7	43.3
-57.5°	44.2	44.0	43.9	43.7	43.4	43.2	42.9	42.6	42.3	42.0	41.6
-58.75°	42.3	42.1	42.0	41.8	41.6	41.4	41.1	40.8	40.5	40.2	39.8
-60°	40.4	40.3	40.1	40.0	39.8	39.5	39.3	39.0	38.8	38.5	38.1
-61.25°	38.6	38.5	38.3	38.1	38.0	37.8	37.5	37.3	37.0	36.6	36.1
-62.5°	36.6	36.5	36.3	36.0	35.8	35.5	35.2	34.9	34.5	34.1	33.7
-63.75°	34.0	33.8	33.7	33.4	33.2	32.9	32.6	32.3	32.0	31.6	31.2
-65°	31.4	31.2	31.0	30.8	30.6	30.4	30.1	29.8	29.4	29.1	28.7
-66.25°	28.7	28.6	28.4	28.2	28.0	27.8	27.5	27.2	26.9	26.6	26.3
-67.5°	26.1	26.0	25.9	25.8	25.6	25.4	25.2	24.9	24.7	24.4	24.1
-68.75°	23.9	23.8	23.7	23.5	23.4	23.2	23.0	22.8	22.6	22.3	22.0
-70°	21.7	21.6	21.5	21.4	21.3	21.1	21.0	20.8	20.6	20.4	20.2
-71.25°	19.8	19.7	19.7	19.6	19.4	19.3	19.2	19.0	18.8	18.6	18.4
-72.5°	18.0	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.2	17.1	17.0
-73.75°	16.5	16.4	16.4	16.3	16.2	16.1	16.0	15.9	15.8	15.7	15.5
-75°	15.0	15.0	15.0	15.0	14.9	14.9	14.8	14.8	14.7	14.7	14.6
-76.25°	14.3	14.3	14.3	14.2	14.2	14.2	14.1	14.1	14.0	14.0	13.9
-77.5°	13.5	13.5	13.5	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9
-80°	11.2	11.2	11.2	11.1	11.1	11.0	11.0	10.9	10.8	10.7	10.7
-81.25°	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3	9.2
-82.5°	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
-83.75°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4
-85°	5.3	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0	5.0
-86.25°	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1
85°	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4	4.4
83.75°	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.6
82.5°	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	6.9
81.25°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.1
80°	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5	9.4
78.75°	11.8	11.7	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.8	10.7
77.5°	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.0	11.9	11.8
76.25°	13.8	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.0	12.9	12.7
75°	14.5	14.5	14.4	14.3	14.2	14.2	14.1	14.0	13.9	13.8	13.7
73.75°	15.4	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.3
72.5°	16.8	16.6	16.5	16.3	16.1	15.9	15.7	15.4	15.2	15.0	14.9
71.25°	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.7	16.5	16.2	16.0
70°	20.0	19.8	19.5	19.2	18.9	18.7	18.3	18.0	17.8	17.5	17.2
68.75°	21.8	21.5	21.2	20.9	20.6	20.3	20.0	19.7	19.3	18.9	18.6
67.5°	23.8	23.5	23.2	22.8	22.4	22.0	21.7	21.3	20.9	20.5	20.1
66.25°	25.9	25.6	25.2	24.8	24.4	24.0	23.6	23.1	22.6	22.2	21.7
65°	28.3	27.9	27.4	26.9	26.4	26.0	25.5	25.0	24.5	24.0	23.5
63.75°	30.8	30.3	29.8	29.3	28.8	28.2	27.7	27.1	26.4	25.9	25.3
62.5°	33.2	32.7	32.2	31.7	31.1	30.6	30.0	29.3	28.7	28.0	27.3
61.25°	35.7	35.2	34.6	34.1	33.5	32.9	32.2	31.6	30.9	30.2	29.4
60°	37.8	37.4	37.0	36.4	35.8	35.2	34.5	33.8	33.1	32.3	31.6
58.75°	39.5	39.1	38.7	38.3	37.8	37.3	36.8	36.1	35.3	34.5	33.7
57.5°	41.2	40.8	40.3	39.9	39.4	38.9	38.4	37.9	37.3	36.7	35.8
56.25°	42.9	42.5	42.0	41.6	41.1	40.5	40.0	39.4	38.9	38.3	37.7
55°	44.6	44.2	43.7	43.2	42.7	42.2	41.6	41.0	40.4	39.8	39.1
53.75°	46.0	45.6	45.2	44.8	44.4	43.8	43.2	42.6	41.9	41.3	40.6
52.5°	47.4	47.0	46.6	46.1	45.7	45.2	44.7	44.1	43.5	42.8	42.1
51.25°	48.4	48.1	47.8	47.4	47.0	46.5	46.0	45.4	44.9	44.3	43.5
50°	49.5	49.2	48.8	48.5	48.1	47.7	47.2	46.7	46.1	45.5	44.9
48.75°	50.5	50.2	49.8	49.5	49.1	48.7	48.2	47.8	47.3	46.7	46.0
47.5°	51.6	51.2	50.8	50.4	50.0	49.6	49.2	48.7	48.2	47.8	47.2
46.25°	52.4	52.2	51.8	51.4	51.0	50.6	50.1	49.6	49.1	48.6	48.1
45°	53.1	52.8	52.6	52.3	52.0	51.5	51.0	50.5	50.0	49.5	49.0
43.75°	53.7	53.5	53.2	52.9	52.6	52.3	52.0	51.5	50.9	50.4	49.8
42.5°	54.0	53.9	53.7	53.6	53.3	52.9	52.6	52.3	51.8	51.2	50.7
41.25°	54.3	54.2	54.0	53.9	53.7	53.5	53.2	52.8	52.5	52.1	51.5
40°	54.9	54.6	54.3	54.2	54.0	53.9	53.7	53.4	53.0	52.6	52.2
38.75°	55.6	55.3	55.0	54.6	54.3	54.1	54.0	53.8	53.6	53.2	52.8
37.5°	56.4	56.0	55.6	55.2	54.9	54.5	54.2	54.0	53.9	53.7	53.3
36.25°	57.4	56.9	56.4	55.9	55.5	55.1	54.7	54.3	54.1	53.9	53.7
35°	58.8	57.9	57.3	56.8	56.2	55.7	55.3	54.8	54.4	54.1	53.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	61.0	59.8	58.5	57.7	57.1	56.5	55.8	55.4	54.9	54.5	54.2
32.5°	63.2	62.0	60.6	59.2	58.0	57.3	56.7	56.0	55.5	55.0	54.5
31.25°	68.8	65.3	62.7	61.3	59.8	58.2	57.5	56.8	56.0	55.5	55.0
30°	74.7	70.9	67.1	63.3	61.7	60.1	58.5	57.5	56.8	56.0	55.5
28.75°	83.1	76.5	72.5	68.4	64.1	62.0	60.3	58.6	57.5	56.8	56.0
27.5°	94.5	86.4	78.1	73.6	69.1	64.6	62.1	60.3	58.5	57.5	56.7
26.25°	105.7	97.3	88.7	79.7	74.1	69.4	64.6	62.0	60.1	58.2	57.3
25°	118.5	108.3	99.0	89.8	80.3	74.1	69.1	64.1	61.7	59.8	58.0
23.75°	131.2	120.6	109.7	99.6	89.8	79.7	73.6	68.4	63.3	61.3	59.2
22.5°	144.9	132.7	121.3	109.7	99.0	88.7	78.1	72.5	67.1	62.7	60.6
21.25°	165.0	146.0	132.7	120.6	108.3	97.3	86.4	76.5	70.9	65.3	62.0
20°	201.4	165.0	144.9	131.2	118.5	105.7	94.5	83.1	74.7	68.8	63.2
18.75°	269.4	198.7	160.3	141.8	128.3	115.0	102.2	90.5	78.7	72.3	66.3
17.5°	358.5	259.8	191.5	155.5	137.7	124.0	110.1	97.6	85.6	75.5	69.4
16.25°	460.0	337.1	240.6	179.6	149.2	132.6	118.4	104.3	92.0	79.5	72.4
15°	568.8	424.6	301.9	212.3	163.2	140.9	126.2	111.4	98.1	85.4	75.1
13.75°	683.1	519.4	376.5	261.9	187.5	151.5	133.5	118.4	103.7	90.8	77.8
12.5°	800.7	618.8	456.8	319.9	219.3	164.1	140.2	124.9	109.5	95.8	82.6
11.25°	913.6	715.1	535.3	381.4	260.0	184.1	148.9	130.9	115.1	100.4	87.0
10°	1021.0	812.0	617.2	446.1	303.9	203.7	156.8	136.3	120.3	104.6	91.0
8.75°	1116.9	900.2	691.3	507.3	351.8	235.3	169.4	141.4	124.9	108.7	94.6
7.5°	1200.8	981.4	763.3	564.6	394.0	263.1	183.0	147.3	128.9	112.5	97.7
6.25°	1272.2	1051.3	826.1	617.8	437.0	289.3	194.6	152.3	132.4	115.8	100.3
5°	1328.3	1108.5	878.2	661.9	473.3	317.6	207.5	156.5	135.2	118.5	102.5
3.75°	1372.6	1153.1	921.0	696.5	501.8	339.8	222.1	160.3	137.4	120.6	104.2
2.5°	1404.6	1185.3	952.0	723.8	522.2	355.7	232.6	165.5	139.0	122.1	105.4
1.25°	1423.9	1204.7	970.7	740.5	534.6	365.3	238.9	168.5	140.0	123.0	106.2
0°	1430.4	1211.2	977.0	746.2	538.7	368.6	241.1	169.6	140.3	123.4	106.4
-1.25°	1423.9	1204.7	970.7	740.5	534.6	365.3	238.9	168.5	140.0	123.0	106.2
-2.5°	1404.6	1185.3	952.0	723.8	522.2	355.7	232.6	165.5	139.0	122.1	105.4
-3.75°	1372.6	1153.1	921.0	696.5	501.8	339.8	222.1	160.3	137.4	120.6	104.2
-5°	1328.3	1108.5	878.2	661.9	473.3	317.6	207.5	156.5	135.2	118.5	102.5
-6.25°	1272.2	1051.3	826.1	617.8	437.0	289.3	194.6	152.3	132.4	115.8	100.3
-7.5°	1200.8	981.4	763.3	564.6	394.0	263.1	183.0	147.3	128.9	112.5	97.7
-8.75°	1116.9	900.2	691.3	507.3	351.8	235.3	169.4	141.4	124.9	108.7	94.6
-10°	1021.0	812.0	617.2	446.1	303.9	203.7	156.8	136.3	120.3	104.6	91.0
-11.25°	913.6	715.1	535.3	381.4	260.0	184.1	148.9	130.9	115.1	100.4	87.0
-12.5°	800.7	618.8	456.8	319.9	219.3	164.1	140.2	124.9	109.5	95.8	82.6
-13.75°	683.1	519.4	376.5	261.9	187.5	151.5	133.5	118.4	103.7	90.8	77.8
-15°	568.8	424.6	301.9	212.3	163.2	140.9	126.2	111.4	98.1	85.4	75.1
-16.25°	460.0	337.1	240.6	179.6	149.2	132.6	118.4	104.3	92.0	79.5	72.4
-17.5°	358.5	259.8	191.5	155.5	137.7	124.0	110.1	97.6	85.6	75.5	69.4
-18.75°	269.4	198.7	160.3	141.8	128.3	115.0	102.2	90.5	78.7	72.3	66.3
-20°	201.4	165.0	144.9	131.2	118.5	105.7	94.5	83.1	74.7	68.8	63.2
-21.25°	165.0	146.0	132.7	120.6	108.3	97.3	86.4	76.5	70.9	65.3	62.0



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	144.9	132.7	121.3	109.7	99.0	88.7	78.1	72.5	67.1	62.7	60.6
-23.75°	131.2	120.6	109.7	99.6	89.8	79.7	73.6	68.4	63.3	61.3	59.2
-25°	118.5	108.3	99.0	89.8	80.3	74.1	69.1	64.1	61.7	59.8	58.0
-26.25°	105.7	97.3	88.7	79.7	74.1	69.4	64.6	62.0	60.1	58.2	57.3
-27.5°	94.5	86.4	78.1	73.6	69.1	64.6	62.1	60.3	58.5	57.5	56.7
-28.75°	83.1	76.5	72.5	68.4	64.1	62.0	60.3	58.6	57.5	56.8	56.0
-30°	74.7	70.9	67.1	63.3	61.7	60.1	58.5	57.5	56.8	56.0	55.5
-31.25°	68.8	65.3	62.7	61.3	59.8	58.2	57.5	56.8	56.0	55.5	55.0
-32.5°	63.2	62.0	60.6	59.2	58.0	57.3	56.7	56.0	55.5	55.0	54.5
-33.75°	61.0	59.8	58.5	57.7	57.1	56.5	55.8	55.4	54.9	54.5	54.2
-35°	58.8	57.9	57.3	56.8	56.2	55.7	55.3	54.8	54.4	54.1	53.9
-36.25°	57.4	56.9	56.4	55.9	55.5	55.1	54.7	54.3	54.1	53.9	53.7
-37.5°	56.4	56.0	55.6	55.2	54.9	54.5	54.2	54.0	53.9	53.7	53.3
-38.75°	55.6	55.3	55.0	54.6	54.3	54.1	54.0	53.8	53.6	53.2	52.8
-40°	54.9	54.6	54.3	54.2	54.0	53.9	53.7	53.4	53.0	52.6	52.2
-41.25°	54.3	54.2	54.0	53.9	53.7	53.5	53.2	52.8	52.5	52.1	51.5
-42.5°	54.0	53.9	53.7	53.6	53.3	52.9	52.6	52.3	51.8	51.2	50.7
-43.75°	53.7	53.5	53.2	52.9	52.6	52.3	52.0	51.5	50.9	50.4	49.8
-45°	53.1	52.8	52.6	52.3	52.0	51.5	51.0	50.5	50.0	49.5	49.0
-46.25°	52.4	52.2	51.8	51.4	51.0	50.6	50.1	49.6	49.1	48.6	48.1
-47.5°	51.6	51.2	50.8	50.4	50.0	49.6	49.2	48.7	48.2	47.8	47.2
-48.75°	50.5	50.2	49.8	49.5	49.1	48.7	48.2	47.8	47.3	46.7	46.0
-50°	49.5	49.2	48.8	48.5	48.1	47.7	47.2	46.7	46.1	45.5	44.9
-51.25°	48.4	48.1	47.8	47.4	47.0	46.5	46.0	45.4	44.9	44.3	43.5
-52.5°	47.4	47.0	46.6	46.1	45.7	45.2	44.7	44.1	43.5	42.8	42.1
-53.75°	46.0	45.6	45.2	44.8	44.4	43.8	43.2	42.6	41.9	41.3	40.6
-55°	44.6	44.2	43.7	43.2	42.7	42.2	41.6	41.0	40.4	39.8	39.1
-56.25°	42.9	42.5	42.0	41.6	41.1	40.5	40.0	39.4	38.9	38.3	37.7
-57.5°	41.2	40.8	40.3	39.9	39.4	38.9	38.4	37.9	37.3	36.7	35.8
-58.75°	39.5	39.1	38.7	38.3	37.8	37.3	36.8	36.1	35.3	34.5	33.7
-60°	37.8	37.4	37.0	36.4	35.8	35.2	34.5	33.8	33.1	32.3	31.6
-61.25°	35.7	35.2	34.6	34.1	33.5	32.9	32.2	31.6	30.9	30.2	29.4
-62.5°	33.2	32.7	32.2	31.7	31.1	30.6	30.0	29.3	28.7	28.0	27.3
-63.75°	30.8	30.3	29.8	29.3	28.8	28.2	27.7	27.1	26.4	25.9	25.3
-65°	28.3	27.9	27.4	26.9	26.4	26.0	25.5	25.0	24.5	24.0	23.5
-66.25°	25.9	25.6	25.2	24.8	24.4	24.0	23.6	23.1	22.6	22.2	21.7
-67.5°	23.8	23.5	23.2	22.8	22.4	22.0	21.7	21.3	20.9	20.5	20.1
-68.75°	21.8	21.5	21.2	20.9	20.6	20.3	20.0	19.7	19.3	18.9	18.6
-70°	20.0	19.8	19.5	19.2	18.9	18.7	18.3	18.0	17.8	17.5	17.2
-71.25°	18.2	18.0	17.8	17.6	17.4	17.2	17.0	16.7	16.5	16.2	16.0
-72.5°	16.8	16.6	16.5	16.3	16.1	15.9	15.7	15.4	15.2	15.0	14.9
-73.75°	15.4	15.2	15.1	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.3
-75°	14.5	14.5	14.4	14.3	14.2	14.2	14.1	14.0	13.9	13.8	13.7
-76.25°	13.8	13.8	13.7	13.6	13.5	13.4	13.3	13.2	13.0	12.9	12.7
-77.5°	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.0	11.9	11.8



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	11.8	11.7	11.7	11.6	11.5	11.4	11.3	11.1	11.0	10.8	10.7
-80°	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5	9.4
-81.25°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.1
-82.5°	7.8	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0	6.9
-83.75°	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.6
-85°	4.9	4.9	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4	4.4
-86.25°	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.1
-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.4
85°	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4
83.75°	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5
82.5°	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5
81.25°	8.0	7.9	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.5
80°	9.3	9.1	9.0	8.8	8.6	8.5	8.3	8.1	7.9	7.8	7.6
78.75°	10.5	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6
77.5°	11.6	11.5	11.3	11.2	11.0	10.8	10.5	10.3	10.1	9.9	9.6
76.25°	12.6	12.4	12.3	12.1	11.9	11.8	11.6	11.4	11.2	10.9	10.7
75°	13.5	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6
73.75°	14.2	14.1	13.9	13.8	13.7	13.5	13.3	13.1	12.8	12.6	12.4
72.5°	14.8	14.7	14.5	14.4	14.2	14.1	13.9	13.8	13.6	13.4	13.1
71.25°	15.7	15.4	15.1	15.0	14.8	14.7	14.5	14.3	14.2	14.0	13.8
70°	16.9	16.6	16.3	16.0	15.7	15.3	15.0	14.9	14.7	14.5	14.3
68.75°	18.2	17.8	17.5	17.2	16.8	16.4	16.1	15.7	15.3	15.0	14.8
67.5°	19.7	19.3	18.8	18.4	17.9	17.6	17.2	16.8	16.4	15.9	15.5
66.25°	21.2	20.8	20.3	19.8	19.3	18.8	18.3	17.8	17.4	17.0	16.5
65°	22.9	22.4	21.8	21.3	20.8	20.2	19.7	19.1	18.5	18.0	17.5
63.75°	24.7	24.1	23.5	22.9	22.2	21.6	21.0	20.4	19.8	19.2	18.6
62.5°	26.6	25.9	25.3	24.6	23.9	23.2	22.5	21.8	21.1	20.5	19.8
61.25°	28.7	27.9	27.1	26.3	25.6	24.8	24.1	23.3	22.5	21.7	21.0
60°	30.8	30.0	29.1	28.2	27.4	26.4	25.6	24.8	24.0	23.2	22.3
58.75°	32.9	32.0	31.1	30.2	29.3	28.3	27.4	26.4	25.5	24.6	23.7
57.5°	35.0	34.1	33.1	32.2	31.2	30.2	29.2	28.2	27.1	26.1	25.2
56.25°	37.0	36.1	35.1	34.1	33.1	32.1	31.0	30.0	28.9	27.7	26.6
55°	38.5	37.8	37.1	36.1	35.0	34.0	32.9	31.7	30.6	29.4	28.2
53.75°	39.9	39.2	38.5	37.7	36.9	35.8	34.7	33.5	32.3	31.1	29.9
52.5°	41.3	40.6	39.8	39.0	38.2	37.4	36.4	35.2	34.0	32.8	31.5
51.25°	42.8	42.0	41.2	40.4	39.5	38.7	37.8	37.0	35.7	34.4	33.1
50°	44.2	43.4	42.6	41.7	40.8	40.0	39.1	38.2	37.2	36.0	34.6
48.75°	45.4	44.7	43.9	43.0	42.1	41.2	40.3	39.3	38.4	37.4	36.2
47.5°	46.5	45.8	45.1	44.4	43.4	42.5	41.5	40.5	39.5	38.5	37.5
46.25°	47.6	46.9	46.2	45.4	44.7	43.7	42.7	41.7	40.7	39.6	38.6
45°	48.4	47.9	47.2	46.4	45.7	44.9	43.9	42.9	41.8	40.7	39.6
43.75°	49.3	48.7	48.1	47.5	46.6	45.8	45.0	44.0	42.9	41.8	40.7
42.5°	50.1	49.5	48.9	48.2	47.6	46.8	45.9	45.0	44.0	42.9	41.7
41.25°	50.9	50.3	49.6	49.0	48.3	47.7	46.8	45.9	45.0	43.9	42.7
40°	51.7	51.1	50.4	49.7	49.1	48.4	47.7	46.8	45.8	44.9	43.7
38.75°	52.4	51.8	51.2	50.5	49.8	49.1	48.3	47.6	46.6	45.7	44.7
37.5°	52.9	52.4	51.9	51.2	50.5	49.7	49.0	48.2	47.5	46.4	45.4
36.25°	53.4	52.9	52.4	51.9	51.2	50.4	49.6	48.9	48.1	47.2	46.2
35°	53.7	53.4	52.9	52.4	51.8	51.1	50.3	49.5	48.7	47.9	46.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	53.9	53.7	53.4	52.9	52.4	51.7	50.9	50.1	49.3	48.4	47.6
32.5°	54.2	53.9	53.7	53.3	52.8	52.2	51.5	50.7	49.8	49.0	48.1
31.25°	54.5	54.1	53.9	53.7	53.2	52.6	52.1	51.2	50.4	49.5	48.6
30°	54.9	54.4	54.1	53.9	53.6	53.0	52.5	51.8	50.9	50.0	49.1
28.75°	55.4	54.8	54.3	54.0	53.8	53.4	52.8	52.3	51.5	50.5	49.6
27.5°	55.8	55.3	54.7	54.2	54.0	53.7	53.2	52.6	52.0	51.0	50.1
26.25°	56.5	55.7	55.1	54.5	54.1	53.9	53.5	52.9	52.3	51.5	50.6
25°	57.1	56.2	55.5	54.9	54.3	54.0	53.7	53.3	52.6	52.0	51.0
23.75°	57.7	56.8	55.9	55.2	54.6	54.2	53.9	53.6	52.9	52.3	51.4
22.5°	58.5	57.3	56.4	55.6	55.0	54.3	54.0	53.7	53.2	52.6	51.8
21.25°	59.8	57.9	56.9	56.0	55.3	54.6	54.2	53.9	53.5	52.8	52.2
20°	61.0	58.8	57.4	56.4	55.6	54.9	54.3	54.0	53.7	53.1	52.4
18.75°	62.2	59.9	57.9	56.9	55.9	55.2	54.5	54.1	53.8	53.3	52.6
17.5°	63.3	61.0	58.7	57.3	56.3	55.5	54.8	54.2	53.9	53.5	52.9
16.25°	66.1	62.0	59.7	57.7	56.7	55.7	55.0	54.3	54.0	53.7	53.1
15°	68.7	63.0	60.6	58.2	57.1	56.0	55.2	54.5	54.1	53.8	53.2
13.75°	71.2	64.7	61.4	59.0	57.4	56.3	55.4	54.7	54.2	53.8	53.4
12.5°	73.5	66.9	62.2	59.7	57.7	56.6	55.6	54.9	54.3	53.9	53.6
11.25°	75.6	68.9	62.9	60.4	58.0	56.9	55.8	55.1	54.4	54.0	53.7
10°	77.5	70.7	63.9	61.0	58.5	57.2	56.0	55.2	54.5	54.1	53.7
8.75°	80.7	72.3	65.4	61.6	59.0	57.4	56.3	55.4	54.6	54.1	53.8
7.5°	83.7	73.7	66.8	62.1	59.5	57.6	56.4	55.5	54.7	54.2	53.8
6.25°	86.2	74.9	67.9	62.5	59.9	57.7	56.6	55.6	54.8	54.2	53.9
5°	88.3	75.9	68.9	62.8	60.2	57.9	56.7	55.7	54.9	54.2	53.9
3.75°	89.9	76.7	69.6	63.1	60.4	58.0	56.8	55.7	55.0	54.3	53.9
2.5°	91.1	77.3	70.1	63.2	60.6	58.0	56.9	55.8	55.0	54.3	53.9
1.25°	91.8	77.6	70.4	63.4	60.7	58.1	56.9	55.8	55.0	54.3	53.9
0°	92.1	77.7	70.6	63.4	60.8	58.1	57.0	55.8	55.1	54.3	54.0
-1.25°	91.8	77.6	70.4	63.4	60.7	58.1	56.9	55.8	55.0	54.3	53.9
-2.5°	91.1	77.3	70.1	63.2	60.6	58.0	56.9	55.8	55.0	54.3	53.9
-3.75°	89.9	76.7	69.6	63.1	60.4	58.0	56.8	55.7	55.0	54.3	53.9
-5°	88.3	75.9	68.9	62.8	60.2	57.9	56.7	55.7	54.9	54.2	53.9
-6.25°	86.2	74.9	67.9	62.5	59.9	57.7	56.6	55.6	54.8	54.2	53.9
-7.5°	83.7	73.7	66.8	62.1	59.5	57.6	56.4	55.5	54.7	54.2	53.8
-8.75°	80.7	72.3	65.4	61.6	59.0	57.4	56.3	55.4	54.6	54.1	53.8
-10°	77.5	70.7	63.9	61.0	58.5	57.2	56.0	55.2	54.5	54.1	53.7
-11.25°	75.6	68.9	62.9	60.4	58.0	56.9	55.8	55.1	54.4	54.0	53.7
-12.5°	73.5	66.9	62.2	59.7	57.7	56.6	55.6	54.9	54.3	53.9	53.6
-13.75°	71.2	64.7	61.4	59.0	57.4	56.3	55.4	54.7	54.2	53.8	53.4
-15°	68.7	63.0	60.6	58.2	57.1	56.0	55.2	54.5	54.1	53.8	53.2
-16.25°	66.1	62.0	59.7	57.7	56.7	55.7	55.0	54.3	54.0	53.7	53.1
-17.5°	63.3	61.0	58.7	57.3	56.3	55.5	54.8	54.2	53.9	53.5	52.9
-18.75°	62.2	59.9	57.9	56.9	55.9	55.2	54.5	54.1	53.8	53.3	52.6
-20°	61.0	58.8	57.4	56.4	55.6	54.9	54.3	54.0	53.7	53.1	52.4
-21.25°	59.8	57.9	56.9	56.0	55.3	54.6	54.2	53.9	53.5	52.8	52.2



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	58.5	57.3	56.4	55.6	55.0	54.3	54.0	53.7	53.2	52.6	51.8
-23.75°	57.7	56.8	55.9	55.2	54.6	54.2	53.9	53.6	52.9	52.3	51.4
-25°	57.1	56.2	55.5	54.9	54.3	54.0	53.7	53.3	52.6	52.0	51.0
-26.25°	56.5	55.7	55.1	54.5	54.1	53.9	53.5	52.9	52.3	51.5	50.6
-27.5°	55.8	55.3	54.7	54.2	54.0	53.7	53.2	52.6	52.0	51.0	50.1
-28.75°	55.4	54.8	54.3	54.0	53.8	53.4	52.8	52.3	51.5	50.5	49.6
-30°	54.9	54.4	54.1	53.9	53.6	53.0	52.5	51.8	50.9	50.0	49.1
-31.25°	54.5	54.1	53.9	53.7	53.2	52.6	52.1	51.2	50.4	49.5	48.6
-32.5°	54.2	53.9	53.7	53.3	52.8	52.2	51.5	50.7	49.8	49.0	48.1
-33.75°	53.9	53.7	53.4	52.9	52.4	51.7	50.9	50.1	49.3	48.4	47.6
-35°	53.7	53.4	52.9	52.4	51.8	51.1	50.3	49.5	48.7	47.9	46.9
-36.25°	53.4	52.9	52.4	51.9	51.2	50.4	49.6	48.9	48.1	47.2	46.2
-37.5°	52.9	52.4	51.9	51.2	50.5	49.7	49.0	48.2	47.5	46.4	45.4
-38.75°	52.4	51.8	51.2	50.5	49.8	49.1	48.3	47.6	46.6	45.7	44.7
-40°	51.7	51.1	50.4	49.7	49.1	48.4	47.7	46.8	45.8	44.9	43.7
-41.25°	50.9	50.3	49.6	49.0	48.3	47.7	46.8	45.9	45.0	43.9	42.7
-42.5°	50.1	49.5	48.9	48.2	47.6	46.8	45.9	45.0	44.0	42.9	41.7
-43.75°	49.3	48.7	48.1	47.5	46.6	45.8	45.0	44.0	42.9	41.8	40.7
-45°	48.4	47.9	47.2	46.4	45.7	44.9	43.9	42.9	41.8	40.7	39.6
-46.25°	47.6	46.9	46.2	45.4	44.7	43.7	42.7	41.7	40.7	39.6	38.6
-47.5°	46.5	45.8	45.1	44.4	43.4	42.5	41.5	40.5	39.5	38.5	37.5
-48.75°	45.4	44.7	43.9	43.0	42.1	41.2	40.3	39.3	38.4	37.4	36.2
-50°	44.2	43.4	42.6	41.7	40.8	40.0	39.1	38.2	37.2	36.0	34.6
-51.25°	42.8	42.0	41.2	40.4	39.5	38.7	37.8	37.0	35.7	34.4	33.1
-52.5°	41.3	40.6	39.8	39.0	38.2	37.4	36.4	35.2	34.0	32.8	31.5
-53.75°	39.9	39.2	38.5	37.7	36.9	35.8	34.7	33.5	32.3	31.1	29.9
-55°	38.5	37.8	37.1	36.1	35.0	34.0	32.9	31.7	30.6	29.4	28.2
-56.25°	37.0	36.1	35.1	34.1	33.1	32.1	31.0	30.0	28.9	27.7	26.6
-57.5°	35.0	34.1	33.1	32.2	31.2	30.2	29.2	28.2	27.1	26.1	25.2
-58.75°	32.9	32.0	31.1	30.2	29.3	28.3	27.4	26.4	25.5	24.6	23.7
-60°	30.8	30.0	29.1	28.2	27.4	26.4	25.6	24.8	24.0	23.2	22.3
-61.25°	28.7	27.9	27.1	26.3	25.6	24.8	24.1	23.3	22.5	21.7	21.0
-62.5°	26.6	25.9	25.3	24.6	23.9	23.2	22.5	21.8	21.1	20.5	19.8
-63.75°	24.7	24.1	23.5	22.9	22.2	21.6	21.0	20.4	19.8	19.2	18.6
-65°	22.9	22.4	21.8	21.3	20.8	20.2	19.7	19.1	18.5	18.0	17.5
-66.25°	21.2	20.8	20.3	19.8	19.3	18.8	18.3	17.8	17.4	17.0	16.5
-67.5°	19.7	19.3	18.8	18.4	17.9	17.6	17.2	16.8	16.4	15.9	15.5
-68.75°	18.2	17.8	17.5	17.2	16.8	16.4	16.1	15.7	15.3	15.0	14.8
-70°	16.9	16.6	16.3	16.0	15.7	15.3	15.0	14.9	14.7	14.5	14.3
-71.25°	15.7	15.4	15.1	15.0	14.8	14.7	14.5	14.3	14.2	14.0	13.8
-72.5°	14.8	14.7	14.5	14.4	14.2	14.1	13.9	13.8	13.6	13.4	13.1
-73.75°	14.2	14.1	13.9	13.8	13.7	13.5	13.3	13.1	12.8	12.6	12.4
-75°	13.5	13.4	13.2	13.0	12.8	12.6	12.4	12.2	12.0	11.8	11.6
-76.25°	12.6	12.4	12.3	12.1	11.9	11.8	11.6	11.4	11.2	10.9	10.7
-77.5°	11.6	11.5	11.3	11.2	11.0	10.8	10.5	10.3	10.1	9.9	9.6



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	10.5	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6
-80°	9.3	9.1	9.0	8.8	8.6	8.5	8.3	8.1	7.9	7.8	7.6
-81.25°	8.0	7.9	7.8	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.5
-82.5°	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.5
-83.75°	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.6	4.5
-85°	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4
-86.25°	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5	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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	3.4	3.3	3.2	3.1	2.9	2.8	2.7	2.6	2.5	2.4	2.3
83.75°	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2	3.0
82.5°	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8
81.25°	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5
80°	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.5	5.3
78.75°	8.4	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3	6.0
77.5°	9.4	9.1	8.9	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.8
76.25°	10.4	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.5
75°	11.4	11.1	10.8	10.5	10.2	9.9	9.5	9.2	8.9	8.6	8.2
73.75°	12.1	11.9	11.6	11.4	11.1	10.7	10.4	10.0	9.7	9.3	9.0
72.5°	12.9	12.6	12.4	12.1	11.8	11.5	11.2	10.8	10.5	10.1	9.7
71.25°	13.6	13.4	13.1	12.8	12.5	12.2	11.9	11.6	11.2	10.8	10.4
70°	14.1	13.9	13.7	13.5	13.2	12.8	12.5	12.2	11.8	11.5	11.1
68.75°	14.6	14.4	14.2	14.0	13.7	13.5	13.1	12.8	12.4	12.1	11.7
67.5°	15.1	14.9	14.6	14.4	14.2	13.9	13.7	13.4	13.0	12.6	12.2
66.25°	16.0	15.6	15.1	14.9	14.6	14.4	14.1	13.9	13.6	13.2	12.8
65°	17.0	16.5	16.0	15.5	15.0	14.8	14.5	14.2	14.0	13.7	13.3
63.75°	18.0	17.4	16.9	16.4	15.8	15.3	14.9	14.6	14.3	14.1	13.8
62.5°	19.1	18.4	17.8	17.3	16.7	16.1	15.5	15.0	14.7	14.4	14.1
61.25°	20.3	19.6	18.9	18.1	17.5	16.9	16.3	15.7	15.1	14.8	14.4
60°	21.5	20.8	20.0	19.2	18.4	17.7	17.1	16.5	15.8	15.1	14.8
58.75°	22.8	21.9	21.1	20.3	19.5	18.7	17.9	17.2	16.5	15.8	15.1
57.5°	24.2	23.2	22.3	21.4	20.5	19.7	18.8	17.9	17.2	16.5	15.8
56.25°	25.6	24.6	23.6	22.5	21.5	20.7	19.7	18.8	17.9	17.2	16.5
55°	27.0	25.9	24.8	23.8	22.7	21.6	20.7	19.7	18.8	17.9	17.1
53.75°	28.6	27.3	26.1	25.0	23.9	22.7	21.6	20.7	19.7	18.7	17.7
52.5°	30.2	28.9	27.5	26.2	25.1	23.9	22.7	21.5	20.5	19.5	18.4
51.25°	31.7	30.4	29.0	27.6	26.2	25.0	23.8	22.5	21.4	20.3	19.2
50°	33.3	31.9	30.4	29.0	27.5	26.1	24.8	23.6	22.3	21.1	20.0
48.75°	34.8	33.3	31.9	30.4	28.9	27.3	25.9	24.6	23.2	21.9	20.8
47.5°	36.3	34.8	33.3	31.7	30.2	28.6	27.0	25.6	24.2	22.8	21.5
46.25°	37.5	36.2	34.6	33.1	31.5	29.9	28.2	26.6	25.2	23.7	22.3
45°	38.5	37.4	36.0	34.4	32.8	31.1	29.4	27.7	26.1	24.6	23.2
43.75°	39.5	38.4	37.2	35.7	34.0	32.3	30.6	28.9	27.1	25.5	24.0
42.5°	40.5	39.3	38.2	37.0	35.2	33.5	31.7	30.0	28.2	26.4	24.8
41.25°	41.5	40.3	39.1	37.8	36.4	34.7	32.9	31.0	29.2	27.4	25.6
40°	42.5	41.2	40.0	38.7	37.4	35.8	34.0	32.1	30.2	28.3	26.4
38.75°	43.4	42.1	40.8	39.5	38.2	36.9	35.0	33.1	31.2	29.3	27.4
37.5°	44.4	43.0	41.7	40.4	39.0	37.7	36.1	34.1	32.2	30.2	28.2
36.25°	45.1	43.9	42.6	41.2	39.8	38.5	37.1	35.1	33.1	31.1	29.1
35°	45.8	44.7	43.4	42.0	40.6	39.2	37.8	36.1	34.1	32.0	30.0



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	46.5	45.4	44.2	42.8	41.3	39.9	38.5	37.0	35.0	32.9	30.8
32.5°	47.2	46.0	44.9	43.5	42.1	40.6	39.1	37.7	35.8	33.7	31.6
31.25°	47.8	46.7	45.5	44.3	42.8	41.3	39.8	38.3	36.7	34.5	32.3
30°	48.2	47.3	46.1	44.9	43.5	41.9	40.4	38.9	37.3	35.3	33.1
28.75°	48.7	47.8	46.7	45.4	44.1	42.6	41.0	39.4	37.9	36.1	33.8
27.5°	49.2	48.2	47.2	46.0	44.7	43.2	41.6	40.0	38.4	36.8	34.5
26.25°	49.6	48.7	47.7	46.5	45.2	43.8	42.2	40.5	38.9	37.3	35.2
25°	50.0	49.1	48.1	47.0	45.7	44.4	42.7	41.1	39.4	37.8	35.8
23.75°	50.4	49.5	48.5	47.4	46.1	44.8	43.2	41.6	39.9	38.3	36.4
22.5°	50.8	49.8	48.8	47.8	46.6	45.2	43.7	42.0	40.3	38.7	37.0
21.25°	51.2	50.2	49.2	48.1	47.0	45.6	44.2	42.5	40.8	39.1	37.4
20°	51.6	50.5	49.5	48.4	47.4	46.0	44.6	42.9	41.2	39.5	37.8
18.75°	51.9	50.8	49.8	48.7	47.7	46.4	45.0	43.3	41.6	39.8	38.1
17.5°	52.2	51.1	50.1	49.0	48.0	46.7	45.3	43.7	42.0	40.2	38.5
16.25°	52.4	51.4	50.4	49.3	48.2	47.0	45.6	44.1	42.3	40.5	38.8
15°	52.5	51.7	50.6	49.5	48.4	47.3	45.9	44.4	42.6	40.8	39.0
13.75°	52.7	51.9	50.8	49.7	48.7	47.6	46.1	44.7	42.9	41.1	39.3
12.5°	52.9	52.1	51.1	50.0	48.8	47.7	46.4	44.9	43.2	41.4	39.5
11.25°	53.0	52.3	51.3	50.1	49.0	47.9	46.6	45.1	43.4	41.6	39.8
10°	53.1	52.4	51.4	50.3	49.2	48.1	46.8	45.3	43.7	41.8	40.0
8.75°	53.2	52.5	51.6	50.5	49.3	48.2	46.9	45.5	43.9	42.0	40.1
7.5°	53.3	52.6	51.7	50.6	49.5	48.3	47.1	45.6	44.0	42.1	40.3
6.25°	53.4	52.7	51.8	50.7	49.6	48.4	47.2	45.7	44.2	42.3	40.4
5°	53.5	52.7	51.9	50.8	49.6	48.5	47.3	45.8	44.3	42.4	40.5
3.75°	53.5	52.8	52.0	50.9	49.7	48.6	47.4	45.9	44.4	42.5	40.6
2.5°	53.6	52.8	52.1	50.9	49.8	48.6	47.5	46.0	44.4	42.5	40.7
1.25°	53.6	52.8	52.1	50.9	49.8	48.6	47.5	46.0	44.5	42.6	40.7
0°	53.6	52.9	52.1	51.0	49.8	48.7	47.5	46.0	44.5	42.6	40.7
-1.25°	53.6	52.8	52.1	50.9	49.8	48.6	47.5	46.0	44.5	42.6	40.7
-2.5°	53.6	52.8	52.1	50.9	49.8	48.6	47.5	46.0	44.4	42.5	40.7
-3.75°	53.5	52.8	52.0	50.9	49.7	48.6	47.4	45.9	44.4	42.5	40.6
-5°	53.5	52.7	51.9	50.8	49.6	48.5	47.3	45.8	44.3	42.4	40.5
-6.25°	53.4	52.7	51.8	50.7	49.6	48.4	47.2	45.7	44.2	42.3	40.4
-7.5°	53.3	52.6	51.7	50.6	49.5	48.3	47.1	45.6	44.0	42.1	40.3
-8.75°	53.2	52.5	51.6	50.5	49.3	48.2	46.9	45.5	43.9	42.0	40.1
-10°	53.1	52.4	51.4	50.3	49.2	48.1	46.8	45.3	43.7	41.8	40.0
-11.25°	53.0	52.3	51.3	50.1	49.0	47.9	46.6	45.1	43.4	41.6	39.8
-12.5°	52.9	52.1	51.1	50.0	48.8	47.7	46.4	44.9	43.2	41.4	39.5
-13.75°	52.7	51.9	50.8	49.7	48.7	47.6	46.1	44.7	42.9	41.1	39.3
-15°	52.5	51.7	50.6	49.5	48.4	47.3	45.9	44.4	42.6	40.8	39.0
-16.25°	52.4	51.4	50.4	49.3	48.2	47.0	45.6	44.1	42.3	40.5	38.8
-17.5°	52.2	51.1	50.1	49.0	48.0	46.7	45.3	43.7	42.0	40.2	38.5
-18.75°	51.9	50.8	49.8	48.7	47.7	46.4	45.0	43.3	41.6	39.8	38.1
-20°	51.6	50.5	49.5	48.4	47.4	46.0	44.6	42.9	41.2	39.5	37.8
-21.25°	51.2	50.2	49.2	48.1	47.0	45.6	44.2	42.5	40.8	39.1	37.4



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	50.8	49.8	48.8	47.8	46.6	45.2	43.7	42.0	40.3	38.7	37.0
-23.75°	50.4	49.5	48.5	47.4	46.1	44.8	43.2	41.6	39.9	38.3	36.4
-25°	50.0	49.1	48.1	47.0	45.7	44.4	42.7	41.1	39.4	37.8	35.8
-26.25°	49.6	48.7	47.7	46.5	45.2	43.8	42.2	40.5	38.9	37.3	35.2
-27.5°	49.2	48.2	47.2	46.0	44.7	43.2	41.6	40.0	38.4	36.8	34.5
-28.75°	48.7	47.8	46.7	45.4	44.1	42.6	41.0	39.4	37.9	36.1	33.8
-30°	48.2	47.3	46.1	44.9	43.5	41.9	40.4	38.9	37.3	35.3	33.1
-31.25°	47.8	46.7	45.5	44.3	42.8	41.3	39.8	38.3	36.7	34.5	32.3
-32.5°	47.2	46.0	44.9	43.5	42.1	40.6	39.1	37.7	35.8	33.7	31.6
-33.75°	46.5	45.4	44.2	42.8	41.3	39.9	38.5	37.0	35.0	32.9	30.8
-35°	45.8	44.7	43.4	42.0	40.6	39.2	37.8	36.1	34.1	32.0	30.0
-36.25°	45.1	43.9	42.6	41.2	39.8	38.5	37.1	35.1	33.1	31.1	29.1
-37.5°	44.4	43.0	41.7	40.4	39.0	37.7	36.1	34.1	32.2	30.2	28.2
-38.75°	43.4	42.1	40.8	39.5	38.2	36.9	35.0	33.1	31.2	29.3	27.4
-40°	42.5	41.2	40.0	38.7	37.4	35.8	34.0	32.1	30.2	28.3	26.4
-41.25°	41.5	40.3	39.1	37.8	36.4	34.7	32.9	31.0	29.2	27.4	25.6
-42.5°	40.5	39.3	38.2	37.0	35.2	33.5	31.7	30.0	28.2	26.4	24.8
-43.75°	39.5	38.4	37.2	35.7	34.0	32.3	30.6	28.9	27.1	25.5	24.0
-45°	38.5	37.4	36.0	34.4	32.8	31.1	29.4	27.7	26.1	24.6	23.2
-46.25°	37.5	36.2	34.6	33.1	31.5	29.9	28.2	26.6	25.2	23.7	22.3
-47.5°	36.3	34.8	33.3	31.7	30.2	28.6	27.0	25.6	24.2	22.8	21.5
-48.75°	34.8	33.3	31.9	30.4	28.9	27.3	25.9	24.6	23.2	21.9	20.8
-50°	33.3	31.9	30.4	29.0	27.5	26.1	24.8	23.6	22.3	21.1	20.0
-51.25°	31.7	30.4	29.0	27.6	26.2	25.0	23.8	22.5	21.4	20.3	19.2
-52.5°	30.2	28.9	27.5	26.2	25.1	23.9	22.7	21.5	20.5	19.5	18.4
-53.75°	28.6	27.3	26.1	25.0	23.9	22.7	21.6	20.7	19.7	18.7	17.7
-55°	27.0	25.9	24.8	23.8	22.7	21.6	20.7	19.7	18.8	17.9	17.1
-56.25°	25.6	24.6	23.6	22.5	21.5	20.7	19.7	18.8	17.9	17.2	16.5
-57.5°	24.2	23.2	22.3	21.4	20.5	19.7	18.8	17.9	17.2	16.5	15.8
-58.75°	22.8	21.9	21.1	20.3	19.5	18.7	17.9	17.2	16.5	15.8	15.1
-60°	21.5	20.8	20.0	19.2	18.4	17.7	17.1	16.5	15.8	15.1	14.8
-61.25°	20.3	19.6	18.9	18.1	17.5	16.9	16.3	15.7	15.1	14.8	14.4
-62.5°	19.1	18.4	17.8	17.3	16.7	16.1	15.5	15.0	14.7	14.4	14.1
-63.75°	18.0	17.4	16.9	16.4	15.8	15.3	14.9	14.6	14.3	14.1	13.8
-65°	17.0	16.5	16.0	15.5	15.0	14.8	14.5	14.2	14.0	13.7	13.3
-66.25°	16.0	15.6	15.1	14.9	14.6	14.4	14.1	13.9	13.6	13.2	12.8
-67.5°	15.1	14.9	14.6	14.4	14.2	13.9	13.7	13.4	13.0	12.6	12.2
-68.75°	14.6	14.4	14.2	14.0	13.7	13.5	13.1	12.8	12.4	12.1	11.7
-70°	14.1	13.9	13.7	13.5	13.2	12.8	12.5	12.2	11.8	11.5	11.1
-71.25°	13.6	13.4	13.1	12.8	12.5	12.2	11.9	11.6	11.2	10.8	10.4
-72.5°	12.9	12.6	12.4	12.1	11.8	11.5	11.2	10.8	10.5	10.1	9.7
-73.75°	12.1	11.9	11.6	11.4	11.1	10.7	10.4	10.0	9.7	9.3	9.0
-75°	11.4	11.1	10.8	10.5	10.2	9.9	9.5	9.2	8.9	8.6	8.2
-76.25°	10.4	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.5
-77.5°	9.4	9.1	8.9	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.8



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	8.4	8.2	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3	6.0
-80°	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.5	5.3
-81.25°	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5
-82.5°	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.8
-83.75°	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2	3.0
-85°	3.4	3.3	3.2	3.1	2.9	2.8	2.7	2.6	2.5	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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	2.9	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.8	1.7	1.6
82.5°	3.6	3.4	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.1	1.9
81.25°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.4	2.2
80°	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4	3.1	2.9	2.6
78.75°	5.8	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.1
77.5°	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5
76.25°	7.2	6.9	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.2	3.9
75°	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3
73.75°	8.6	8.2	7.8	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
72.5°	9.3	8.9	8.5	8.1	7.6	7.2	6.8	6.4	6.0	5.5	5.1
71.25°	10.0	9.5	9.1	8.7	8.2	7.8	7.3	6.9	6.4	6.0	5.5
70°	10.7	10.2	9.7	9.3	8.8	8.3	7.8	7.4	6.9	6.4	5.9
68.75°	11.3	10.9	10.4	9.9	9.4	8.9	8.4	7.8	7.3	6.8	6.3
67.5°	11.9	11.5	11.0	10.5	9.9	9.4	8.9	8.3	7.8	7.2	6.7
66.25°	12.4	12.0	11.5	11.1	10.5	9.9	9.4	8.8	8.2	7.6	7.1
65°	12.9	12.5	12.0	11.6	11.1	10.5	9.9	9.3	8.7	8.1	7.5
63.75°	13.4	12.9	12.5	12.0	11.5	11.0	10.4	9.7	9.1	8.5	7.8
62.5°	13.8	13.4	12.9	12.5	12.0	11.5	10.9	10.2	9.5	8.9	8.2
61.25°	14.1	13.8	13.4	12.9	12.4	11.9	11.3	10.7	10.0	9.3	8.6
60°	14.4	14.1	13.8	13.3	12.8	12.2	11.7	11.1	10.4	9.7	9.0
58.75°	14.8	14.4	14.1	13.7	13.2	12.6	12.1	11.5	10.8	10.1	9.3
57.5°	15.1	14.7	14.3	14.0	13.6	13.0	12.4	11.8	11.2	10.5	9.7
56.25°	15.7	15.0	14.6	14.2	13.9	13.4	12.8	12.2	11.6	10.8	10.0
55°	16.3	15.5	14.9	14.5	14.1	13.7	13.1	12.5	11.9	11.2	10.4
53.75°	16.9	16.1	15.3	14.8	14.4	13.9	13.5	12.8	12.2	11.5	10.7
52.5°	17.5	16.7	15.8	15.0	14.6	14.2	13.7	13.2	12.5	11.8	11.1
51.25°	18.1	17.3	16.4	15.5	14.9	14.4	14.0	13.5	12.8	12.1	11.4
50°	18.9	17.8	16.9	16.0	15.1	14.6	14.2	13.7	13.1	12.4	11.6
48.75°	19.6	18.4	17.4	16.5	15.6	14.9	14.4	13.9	13.4	12.6	11.9
47.5°	20.3	19.1	18.0	17.0	16.0	15.1	14.6	14.1	13.6	12.9	12.1
46.25°	21.0	19.8	18.6	17.5	16.5	15.5	14.8	14.3	13.8	13.1	12.4
45°	21.7	20.5	19.2	18.0	17.0	15.9	15.0	14.5	14.0	13.4	12.6
43.75°	22.5	21.1	19.8	18.5	17.4	16.4	15.3	14.7	14.2	13.6	12.8
42.5°	23.3	21.8	20.4	19.1	17.8	16.8	15.7	14.9	14.3	13.8	13.1
41.25°	24.1	22.5	21.0	19.7	18.3	17.2	16.1	15.0	14.5	13.9	13.3
40°	24.8	23.2	21.6	20.2	18.8	17.6	16.4	15.3	14.7	14.1	13.5
38.75°	25.6	23.9	22.2	20.8	19.3	17.9	16.8	15.7	14.8	14.2	13.7
37.5°	26.3	24.6	22.9	21.3	19.8	18.4	17.2	16.0	15.0	14.4	13.8
36.25°	27.1	25.3	23.5	21.8	20.3	18.8	17.5	16.3	15.1	14.5	13.9
35°	27.9	25.9	24.1	22.4	20.8	19.3	17.8	16.6	15.4	14.7	14.1



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	28.7	26.6	24.7	22.9	21.2	19.7	18.2	16.9	15.7	14.8	14.2
32.5°	29.4	27.3	25.3	23.5	21.7	20.1	18.6	17.2	16.0	14.9	14.3
31.25°	30.2	28.0	25.9	24.0	22.2	20.5	18.9	17.5	16.2	15.0	14.4
30°	30.9	28.7	26.4	24.5	22.6	20.9	19.3	17.8	16.5	15.2	14.5
28.75°	31.6	29.3	27.1	25.0	23.1	21.3	19.7	18.0	16.7	15.4	14.6
27.5°	32.2	30.0	27.7	25.5	23.6	21.7	20.0	18.3	17.0	15.7	14.7
26.25°	32.9	30.6	28.2	26.0	24.0	22.0	20.3	18.7	17.2	15.9	14.8
25°	33.5	31.1	28.8	26.4	24.4	22.4	20.6	18.9	17.4	16.1	14.9
23.75°	34.1	31.7	29.3	26.9	24.8	22.8	20.9	19.2	17.6	16.3	15.0
22.5°	34.6	32.2	29.8	27.4	25.2	23.2	21.2	19.5	17.8	16.5	15.1
21.25°	35.2	32.7	30.3	27.9	25.6	23.5	21.5	19.8	18.0	16.6	15.2
20°	35.7	33.2	30.8	28.3	25.9	23.8	21.8	20.0	18.2	16.8	15.4
18.75°	36.1	33.7	31.2	28.7	26.3	24.1	22.0	20.2	18.4	17.0	15.5
17.5°	36.6	34.1	31.6	29.1	26.6	24.4	22.3	20.4	18.6	17.1	15.7
16.25°	37.0	34.5	32.0	29.4	26.9	24.7	22.6	20.6	18.8	17.2	15.8
15°	37.3	34.9	32.3	29.8	27.2	24.9	22.8	20.8	19.0	17.4	15.9
13.75°	37.5	35.2	32.6	30.1	27.5	25.2	23.0	21.0	19.2	17.5	16.0
12.5°	37.8	35.5	32.9	30.4	27.8	25.4	23.2	21.1	19.3	17.6	16.1
11.25°	38.0	35.8	33.2	30.6	28.0	25.6	23.4	21.3	19.4	17.7	16.2
10°	38.1	36.0	33.4	30.8	28.2	25.8	23.5	21.4	19.6	17.8	16.3
8.75°	38.3	36.3	33.7	31.0	28.4	25.9	23.7	21.5	19.7	17.8	16.4
7.5°	38.5	36.5	33.8	31.2	28.6	26.0	23.8	21.6	19.7	17.9	16.4
6.25°	38.6	36.6	34.0	31.4	28.7	26.1	23.9	21.7	19.8	18.0	16.5
5°	38.7	36.8	34.1	31.5	28.8	26.2	24.0	21.8	19.9	18.0	16.5
3.75°	38.8	36.9	34.2	31.6	28.9	26.3	24.1	21.8	19.9	18.1	16.6
2.5°	38.8	36.9	34.3	31.6	29.0	26.4	24.1	21.9	20.0	18.1	16.6
1.25°	38.8	37.0	34.3	31.7	29.0	26.4	24.1	21.9	20.0	18.1	16.6
0°	38.9	37.0	34.4	31.7	29.1	26.4	24.2	21.9	20.0	18.1	16.6
-1.25°	38.8	37.0	34.3	31.7	29.0	26.4	24.1	21.9	20.0	18.1	16.6
-2.5°	38.8	36.9	34.3	31.6	29.0	26.4	24.1	21.9	20.0	18.1	16.6
-3.75°	38.8	36.9	34.2	31.6	28.9	26.3	24.1	21.8	19.9	18.1	16.6
-5°	38.7	36.8	34.1	31.5	28.8	26.2	24.0	21.8	19.9	18.0	16.5
-6.25°	38.6	36.6	34.0	31.4	28.7	26.1	23.9	21.7	19.8	18.0	16.5
-7.5°	38.5	36.5	33.8	31.2	28.6	26.0	23.8	21.6	19.7	17.9	16.4
-8.75°	38.3	36.3	33.7	31.0	28.4	25.9	23.7	21.5	19.7	17.8	16.4
-10°	38.1	36.0	33.4	30.8	28.2	25.8	23.5	21.4	19.6	17.8	16.3
-11.25°	38.0	35.8	33.2	30.6	28.0	25.6	23.4	21.3	19.4	17.7	16.2
-12.5°	37.8	35.5	32.9	30.4	27.8	25.4	23.2	21.1	19.3	17.6	16.1
-13.75°	37.5	35.2	32.6	30.1	27.5	25.2	23.0	21.0	19.2	17.5	16.0
-15°	37.3	34.9	32.3	29.8	27.2	24.9	22.8	20.8	19.0	17.4	15.9
-16.25°	37.0	34.5	32.0	29.4	26.9	24.7	22.6	20.6	18.8	17.2	15.8
-17.5°	36.6	34.1	31.6	29.1	26.6	24.4	22.3	20.4	18.6	17.1	15.7
-18.75°	36.1	33.7	31.2	28.7	26.3	24.1	22.0	20.2	18.4	17.0	15.5
-20°	35.7	33.2	30.8	28.3	25.9	23.8	21.8	20.0	18.2	16.8	15.4
-21.25°	35.2	32.7	30.3	27.9	25.6	23.5	21.5	19.8	18.0	16.6	15.2



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	34.6	32.2	29.8	27.4	25.2	23.2	21.2	19.5	17.8	16.5	15.1
-23.75°	34.1	31.7	29.3	26.9	24.8	22.8	20.9	19.2	17.6	16.3	15.0
-25°	33.5	31.1	28.8	26.4	24.4	22.4	20.6	18.9	17.4	16.1	14.9
-26.25°	32.9	30.6	28.2	26.0	24.0	22.0	20.3	18.7	17.2	15.9	14.8
-27.5°	32.2	30.0	27.7	25.5	23.6	21.7	20.0	18.3	17.0	15.7	14.7
-28.75°	31.6	29.3	27.1	25.0	23.1	21.3	19.7	18.0	16.7	15.4	14.6
-30°	30.9	28.7	26.4	24.5	22.6	20.9	19.3	17.8	16.5	15.2	14.5
-31.25°	30.2	28.0	25.9	24.0	22.2	20.5	18.9	17.5	16.2	15.0	14.4
-32.5°	29.4	27.3	25.3	23.5	21.7	20.1	18.6	17.2	16.0	14.9	14.3
-33.75°	28.7	26.6	24.7	22.9	21.2	19.7	18.2	16.9	15.7	14.8	14.2
-35°	27.9	25.9	24.1	22.4	20.8	19.3	17.8	16.6	15.4	14.7	14.1
-36.25°	27.1	25.3	23.5	21.8	20.3	18.8	17.5	16.3	15.1	14.5	13.9
-37.5°	26.3	24.6	22.9	21.3	19.8	18.4	17.2	16.0	15.0	14.4	13.8
-38.75°	25.6	23.9	22.2	20.8	19.3	17.9	16.8	15.7	14.8	14.2	13.7
-40°	24.8	23.2	21.6	20.2	18.8	17.6	16.4	15.3	14.7	14.1	13.5
-41.25°	24.1	22.5	21.0	19.7	18.3	17.2	16.1	15.0	14.5	13.9	13.3
-42.5°	23.3	21.8	20.4	19.1	17.8	16.8	15.7	14.9	14.3	13.8	13.1
-43.75°	22.5	21.1	19.8	18.5	17.4	16.4	15.3	14.7	14.2	13.6	12.8
-45°	21.7	20.5	19.2	18.0	17.0	15.9	15.0	14.5	14.0	13.4	12.6
-46.25°	21.0	19.8	18.6	17.5	16.5	15.5	14.8	14.3	13.8	13.1	12.4
-47.5°	20.3	19.1	18.0	17.0	16.0	15.1	14.6	14.1	13.6	12.9	12.1
-48.75°	19.6	18.4	17.4	16.5	15.6	14.9	14.4	13.9	13.4	12.6	11.9
-50°	18.9	17.8	16.9	16.0	15.1	14.6	14.2	13.7	13.1	12.4	11.6
-51.25°	18.1	17.3	16.4	15.5	14.9	14.4	14.0	13.5	12.8	12.1	11.4
-52.5°	17.5	16.7	15.8	15.0	14.6	14.2	13.7	13.2	12.5	11.8	11.1
-53.75°	16.9	16.1	15.3	14.8	14.4	13.9	13.5	12.8	12.2	11.5	10.7
-55°	16.3	15.5	14.9	14.5	14.1	13.7	13.1	12.5	11.9	11.2	10.4
-56.25°	15.7	15.0	14.6	14.2	13.9	13.4	12.8	12.2	11.6	10.8	10.0
-57.5°	15.1	14.7	14.3	14.0	13.6	13.0	12.4	11.8	11.2	10.5	9.7
-58.75°	14.8	14.4	14.1	13.7	13.2	12.6	12.1	11.5	10.8	10.1	9.3
-60°	14.4	14.1	13.8	13.3	12.8	12.2	11.7	11.1	10.4	9.7	9.0
-61.25°	14.1	13.8	13.4	12.9	12.4	11.9	11.3	10.7	10.0	9.3	8.6
-62.5°	13.8	13.4	12.9	12.5	12.0	11.5	10.9	10.2	9.5	8.9	8.2
-63.75°	13.4	12.9	12.5	12.0	11.5	11.0	10.4	9.7	9.1	8.5	7.8
-65°	12.9	12.5	12.0	11.6	11.1	10.5	9.9	9.3	8.7	8.1	7.5
-66.25°	12.4	12.0	11.5	11.1	10.5	9.9	9.4	8.8	8.2	7.6	7.1
-67.5°	11.9	11.5	11.0	10.5	9.9	9.4	8.9	8.3	7.8	7.2	6.7
-68.75°	11.3	10.9	10.4	9.9	9.4	8.9	8.4	7.8	7.3	6.8	6.3
-70°	10.7	10.2	9.7	9.3	8.8	8.3	7.8	7.4	6.9	6.4	5.9
-71.25°	10.0	9.5	9.1	8.7	8.2	7.8	7.3	6.9	6.4	6.0	5.5
-72.5°	9.3	8.9	8.5	8.1	7.6	7.2	6.8	6.4	6.0	5.5	5.1
-73.75°	8.6	8.2	7.8	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
-75°	7.9	7.5	7.2	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3
-76.25°	7.2	6.9	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.2	3.9
-77.5°	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	5.8	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.1
-80°	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4	3.1	2.9	2.6
-81.25°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.4	2.2
-82.5°	3.6	3.4	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.1	1.9
-83.75°	2.9	2.8	2.6	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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	2.8	2.5	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4
77.5°	3.2	2.8	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
76.25°	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
75°	3.9	3.5	3.2	2.8	2.4	2.1	1.8	1.5	1.2	0.9	0.6
73.75°	4.3	3.9	3.5	3.1	2.6	2.2	1.9	1.6	1.3	1.0	0.6
72.5°	4.7	4.2	3.8	3.3	2.9	2.4	2.1	1.7	1.4	1.0	0.7
71.25°	5.0	4.6	4.1	3.6	3.1	2.7	2.2	1.8	1.5	1.1	0.7
70°	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.6	1.2	0.8
68.75°	5.8	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.7	1.2	0.8
67.5°	6.1	5.6	5.0	4.4	3.9	3.3	2.7	2.2	1.8	1.3	0.9
66.25°	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.3	1.9	1.4	0.9
65°	6.8	6.2	5.6	5.0	4.4	3.7	3.1	2.5	1.9	1.5	1.0
63.75°	7.2	6.5	5.9	5.2	4.6	3.9	3.3	2.6	2.0	1.5	1.0
62.5°	7.5	6.9	6.2	5.5	4.8	4.1	3.4	2.8	2.1	1.6	1.1
61.25°	7.9	7.2	6.5	5.8	5.0	4.3	3.6	2.9	2.2	1.7	1.1
60°	8.2	7.5	6.8	6.0	5.3	4.5	3.8	3.0	2.3	1.7	1.1
58.75°	8.6	7.8	7.0	6.3	5.5	4.7	4.0	3.2	2.4	1.8	1.2
57.5°	8.9	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.5	1.9	1.2
56.25°	9.2	8.4	7.6	6.8	5.9	5.1	4.3	3.5	2.6	1.9	1.3
55°	9.5	8.7	7.9	7.0	6.2	5.3	4.5	3.6	2.7	2.0	1.3
53.75°	9.9	9.0	8.1	7.2	6.4	5.5	4.6	3.7	2.8	2.0	1.4
52.5°	10.2	9.3	8.4	7.5	6.6	5.7	4.8	3.9	2.9	2.1	1.4
51.25°	10.5	9.6	8.6	7.7	6.8	5.9	4.9	4.0	3.1	2.2	1.4
50°	10.8	9.8	8.9	7.9	7.0	6.0	5.1	4.1	3.2	2.2	1.5
48.75°	11.1	10.1	9.1	8.2	7.2	6.2	5.2	4.2	3.3	2.3	1.5
47.5°	11.4	10.4	9.4	8.4	7.4	6.4	5.4	4.4	3.4	2.3	1.6
46.25°	11.6	10.7	9.6	8.6	7.6	6.5	5.5	4.5	3.4	2.4	1.6
45°	11.8	10.9	9.9	8.8	7.8	6.7	5.7	4.6	3.5	2.5	1.6
43.75°	12.0	11.2	10.1	9.0	7.9	6.9	5.8	4.7	3.6	2.5	1.7
42.5°	12.2	11.4	10.3	9.2	8.1	7.0	5.9	4.8	3.7	2.6	1.7
41.25°	12.4	11.6	10.5	9.4	8.3	7.2	6.1	4.9	3.8	2.7	1.7
40°	12.6	11.8	10.8	9.6	8.5	7.3	6.2	5.0	3.9	2.7	1.8
38.75°	12.8	11.9	11.0	9.8	8.6	7.5	6.3	5.1	4.0	2.8	1.8
37.5°	13.0	12.1	11.2	10.0	8.8	7.6	6.4	5.2	4.1	2.9	1.8
36.25°	13.2	12.3	11.3	10.2	9.0	7.8	6.6	5.3	4.1	2.9	1.9
35°	13.4	12.4	11.5	10.3	9.1	7.9	6.7	5.4	4.2	3.0	1.9



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	13.5	12.6	11.6	10.5	9.3	8.0	6.8	5.5	4.3	3.0	1.9
32.5°	13.7	12.7	11.8	10.7	9.4	8.1	6.9	5.6	4.4	3.1	1.9
31.25°	13.8	12.9	11.9	10.8	9.5	8.3	7.0	5.7	4.4	3.1	2.0
30°	13.9	13.0	12.0	11.0	9.7	8.4	7.1	5.8	4.5	3.2	2.0
28.75°	14.0	13.2	12.2	11.1	9.8	8.5	7.2	5.9	4.6	3.2	2.0
27.5°	14.1	13.3	12.3	11.3	9.9	8.6	7.3	5.9	4.6	3.3	2.0
26.25°	14.2	13.4	12.4	11.4	10.1	8.7	7.4	6.0	4.7	3.3	2.1
25°	14.2	13.5	12.5	11.5	10.2	8.8	7.5	6.1	4.7	3.4	2.1
23.75°	14.3	13.6	12.6	11.6	10.3	8.9	7.5	6.2	4.8	3.4	2.1
22.5°	14.4	13.7	12.7	11.7	10.4	9.0	7.6	6.2	4.8	3.5	2.1
21.25°	14.5	13.8	12.8	11.7	10.5	9.1	7.7	6.3	4.9	3.5	2.1
20°	14.5	13.8	12.9	11.8	10.6	9.2	7.8	6.3	4.9	3.5	2.2
18.75°	14.6	13.9	13.0	11.9	10.7	9.2	7.8	6.4	5.0	3.6	2.2
17.5°	14.7	14.0	13.1	12.0	10.7	9.3	7.9	6.5	5.0	3.6	2.2
16.25°	14.7	14.0	13.1	12.0	10.8	9.4	7.9	6.5	5.1	3.6	2.2
15°	14.8	14.1	13.2	12.1	10.9	9.4	8.0	6.5	5.1	3.6	2.2
13.75°	14.8	14.1	13.3	12.1	11.0	9.5	8.0	6.6	5.1	3.7	2.2
12.5°	14.9	14.2	13.3	12.2	11.0	9.5	8.1	6.6	5.2	3.7	2.2
11.25°	14.9	14.2	13.4	12.2	11.1	9.6	8.1	6.7	5.2	3.7	2.3
10°	15.0	14.2	13.4	12.3	11.1	9.6	8.2	6.7	5.2	3.7	2.3
8.75°	15.0	14.3	13.5	12.3	11.2	9.7	8.2	6.7	5.2	3.7	2.3
7.5°	15.0	14.3	13.5	12.4	11.2	9.7	8.2	6.7	5.2	3.8	2.3
6.25°	15.0	14.3	13.5	12.4	11.2	9.7	8.2	6.8	5.3	3.8	2.3
5°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
3.75°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
2.5°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
1.25°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
0°	15.1	14.4	13.6	12.5	11.3	9.8	8.3	6.8	5.3	3.8	2.3
-1.25°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
-2.5°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
-3.75°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
-5°	15.1	14.3	13.6	12.4	11.3	9.8	8.3	6.8	5.3	3.8	2.3
-6.25°	15.0	14.3	13.5	12.4	11.2	9.7	8.2	6.8	5.3	3.8	2.3
-7.5°	15.0	14.3	13.5	12.4	11.2	9.7	8.2	6.7	5.2	3.8	2.3
-8.75°	15.0	14.3	13.5	12.3	11.2	9.7	8.2	6.7	5.2	3.7	2.3
-10°	15.0	14.2	13.4	12.3	11.1	9.6	8.2	6.7	5.2	3.7	2.3
-11.25°	14.9	14.2	13.4	12.2	11.1	9.6	8.1	6.7	5.2	3.7	2.3
-12.5°	14.9	14.2	13.3	12.2	11.0	9.5	8.1	6.6	5.2	3.7	2.2
-13.75°	14.8	14.1	13.3	12.1	11.0	9.5	8.0	6.6	5.1	3.7	2.2
-15°	14.8	14.1	13.2	12.1	10.9	9.4	8.0	6.5	5.1	3.6	2.2
-16.25°	14.7	14.0	13.1	12.0	10.8	9.4	7.9	6.5	5.1	3.6	2.2
-17.5°	14.7	14.0	13.1	12.0	10.7	9.3	7.9	6.5	5.0	3.6	2.2
-18.75°	14.6	13.9	13.0	11.9	10.7	9.2	7.8	6.4	5.0	3.6	2.2
-20°	14.5	13.8	12.9	11.8	10.6	9.2	7.8	6.3	4.9	3.5	2.2
-21.25°	14.5	13.8	12.8	11.7	10.5	9.1	7.7	6.3	4.9	3.5	2.1



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	14.4	13.7	12.7	11.7	10.4	9.0	7.6	6.2	4.8	3.5	2.1
-23.75°	14.3	13.6	12.6	11.6	10.3	8.9	7.5	6.2	4.8	3.4	2.1
-25°	14.2	13.5	12.5	11.5	10.2	8.8	7.5	6.1	4.7	3.4	2.1
-26.25°	14.2	13.4	12.4	11.4	10.1	8.7	7.4	6.0	4.7	3.3	2.1
-27.5°	14.1	13.3	12.3	11.3	9.9	8.6	7.3	5.9	4.6	3.3	2.0
-28.75°	14.0	13.2	12.2	11.1	9.8	8.5	7.2	5.9	4.6	3.2	2.0
-30°	13.9	13.0	12.0	11.0	9.7	8.4	7.1	5.8	4.5	3.2	2.0
-31.25°	13.8	12.9	11.9	10.8	9.5	8.3	7.0	5.7	4.4	3.1	2.0
-32.5°	13.7	12.7	11.8	10.7	9.4	8.1	6.9	5.6	4.4	3.1	1.9
-33.75°	13.5	12.6	11.6	10.5	9.3	8.0	6.8	5.5	4.3	3.0	1.9
-35°	13.4	12.4	11.5	10.3	9.1	7.9	6.7	5.4	4.2	3.0	1.9
-36.25°	13.2	12.3	11.3	10.2	9.0	7.8	6.6	5.3	4.1	2.9	1.9
-37.5°	13.0	12.1	11.2	10.0	8.8	7.6	6.4	5.2	4.1	2.9	1.8
-38.75°	12.8	11.9	11.0	9.8	8.6	7.5	6.3	5.1	4.0	2.8	1.8
-40°	12.6	11.8	10.8	9.6	8.5	7.3	6.2	5.0	3.9	2.7	1.8
-41.25°	12.4	11.6	10.5	9.4	8.3	7.2	6.1	4.9	3.8	2.7	1.7
-42.5°	12.2	11.4	10.3	9.2	8.1	7.0	5.9	4.8	3.7	2.6	1.7
-43.75°	12.0	11.2	10.1	9.0	7.9	6.9	5.8	4.7	3.6	2.5	1.7
-45°	11.8	10.9	9.9	8.8	7.8	6.7	5.7	4.6	3.5	2.5	1.6
-46.25°	11.6	10.7	9.6	8.6	7.6	6.5	5.5	4.5	3.4	2.4	1.6
-47.5°	11.4	10.4	9.4	8.4	7.4	6.4	5.4	4.4	3.4	2.3	1.6
-48.75°	11.1	10.1	9.1	8.2	7.2	6.2	5.2	4.2	3.3	2.3	1.5
-50°	10.8	9.8	8.9	7.9	7.0	6.0	5.1	4.1	3.2	2.2	1.5
-51.25°	10.5	9.6	8.6	7.7	6.8	5.9	4.9	4.0	3.1	2.2	1.4
-52.5°	10.2	9.3	8.4	7.5	6.6	5.7	4.8	3.9	2.9	2.1	1.4
-53.75°	9.9	9.0	8.1	7.2	6.4	5.5	4.6	3.7	2.8	2.0	1.4
-55°	9.5	8.7	7.9	7.0	6.2	5.3	4.5	3.6	2.7	2.0	1.3
-56.25°	9.2	8.4	7.6	6.8	5.9	5.1	4.3	3.5	2.6	1.9	1.3
-57.5°	8.9	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.5	1.9	1.2
-58.75°	8.6	7.8	7.0	6.3	5.5	4.7	4.0	3.2	2.4	1.8	1.2
-60°	8.2	7.5	6.8	6.0	5.3	4.5	3.8	3.0	2.3	1.7	1.1
-61.25°	7.9	7.2	6.5	5.8	5.0	4.3	3.6	2.9	2.2	1.7	1.1
-62.5°	7.5	6.9	6.2	5.5	4.8	4.1	3.4	2.8	2.1	1.6	1.1
-63.75°	7.2	6.5	5.9	5.2	4.6	3.9	3.3	2.6	2.0	1.5	1.0
-65°	6.8	6.2	5.6	5.0	4.4	3.7	3.1	2.5	1.9	1.5	1.0
-66.25°	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.3	1.9	1.4	0.9
-67.5°	6.1	5.6	5.0	4.4	3.9	3.3	2.7	2.2	1.8	1.3	0.9
-68.75°	5.8	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.7	1.2	0.8
-70°	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.6	1.2	0.8
-71.25°	5.0	4.6	4.1	3.6	3.1	2.7	2.2	1.8	1.5	1.1	0.7
-72.5°	4.7	4.2	3.8	3.3	2.9	2.4	2.1	1.7	1.4	1.0	0.7
-73.75°	4.3	3.9	3.5	3.1	2.6	2.2	1.9	1.6	1.3	1.0	0.6
-75°	3.9	3.5	3.2	2.8	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-76.25°	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-77.5°	3.2	2.8	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5



REPORT NUMBER: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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°	2.8	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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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: P220476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-F-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)