

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: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29411)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

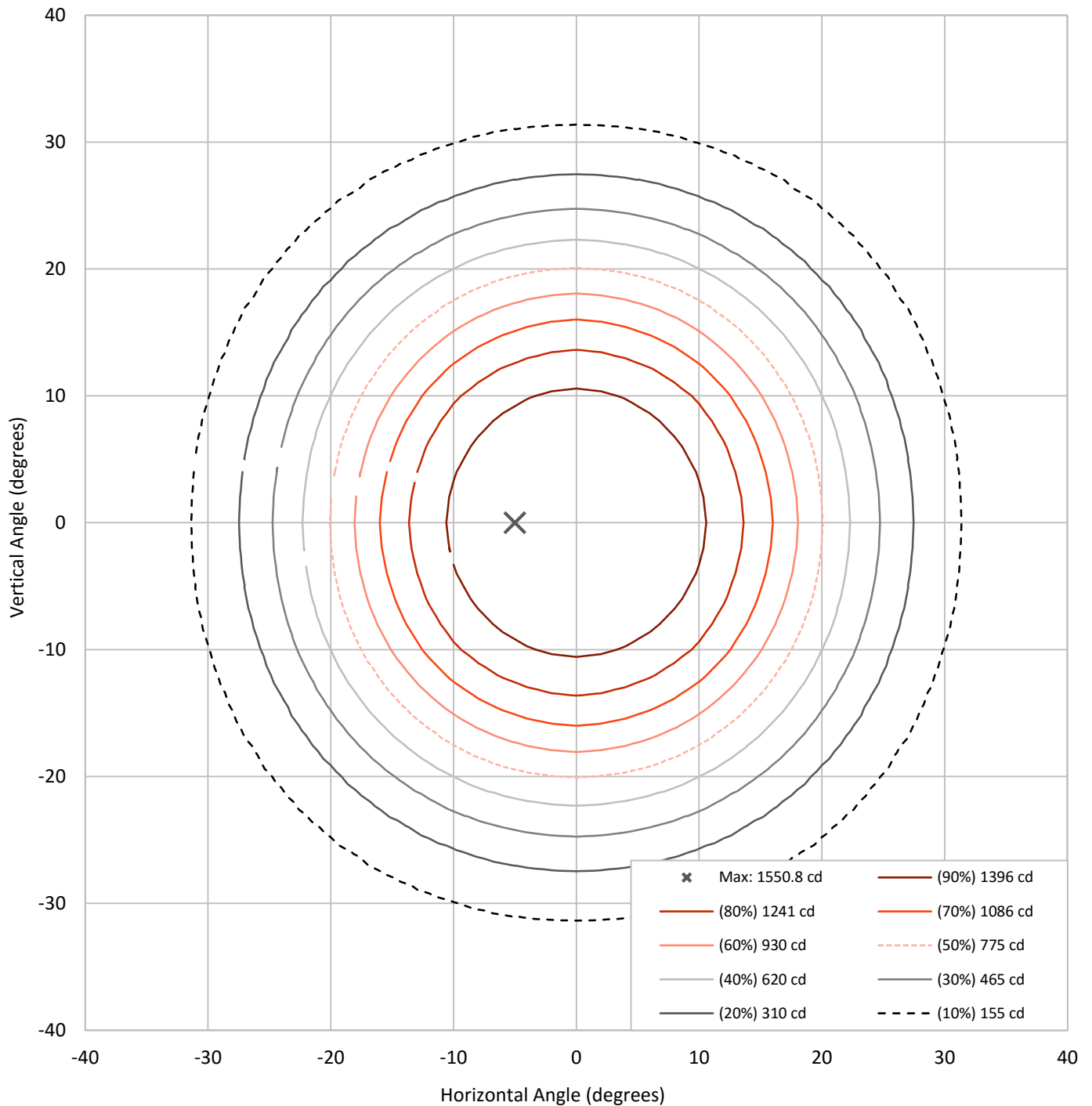
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	750.1 lumens	Max Intensity:	1550.8 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	75.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.2°H x 39°V	Field Angle (10%):	62.7°H x 62.1°V
Beam Lumens:	462.9 lumens	Field Lumens:	669.7 lumens
Beam Efficiency:	61.7%	Field Efficiency:	89.3%

Input Watts (W): 10
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

Iso-Candela Plot





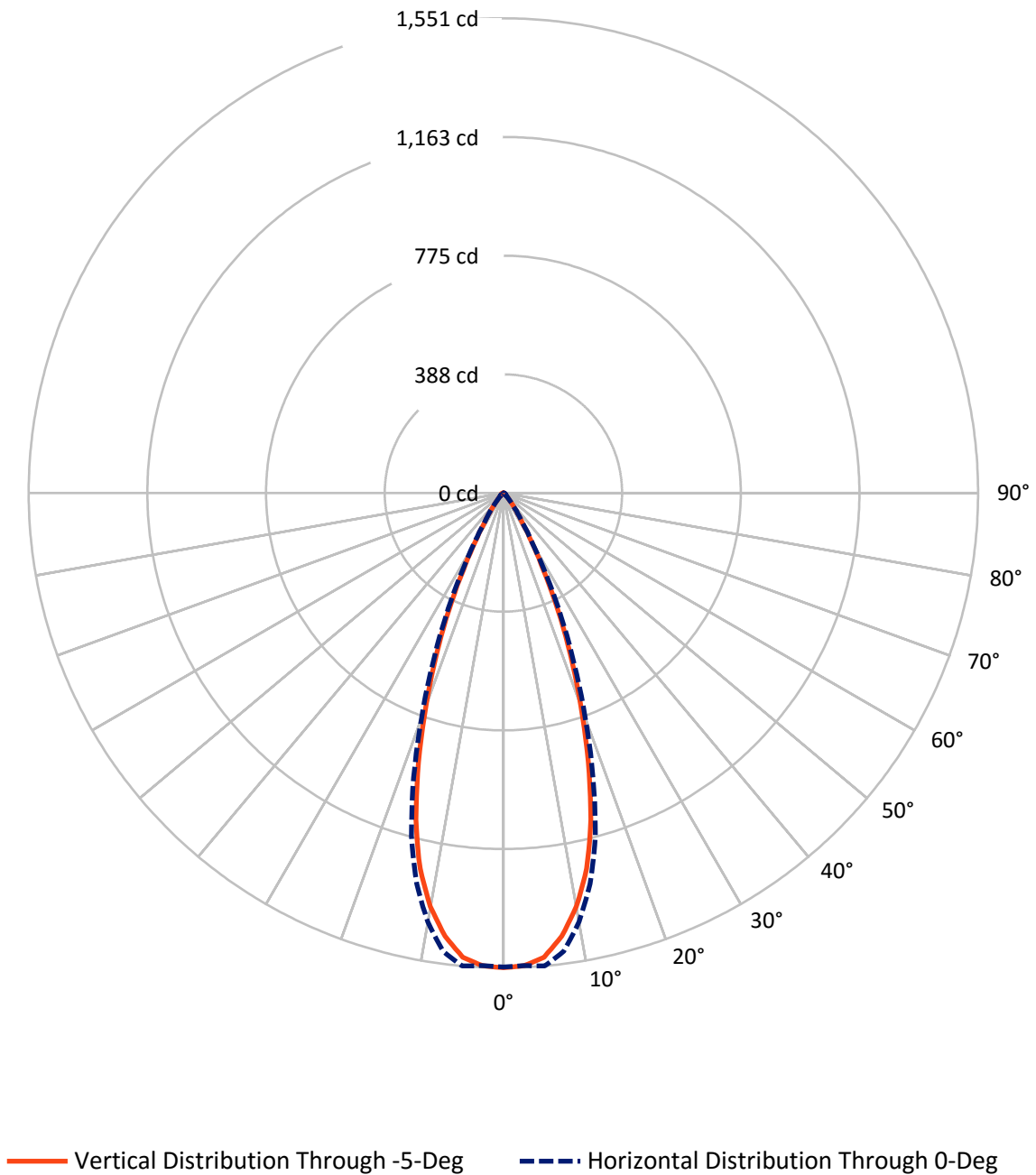
REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

Lumen Table

90	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
60		0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1				
50	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1			
40		0.1	0.1	0.2	0.3	0.8	1.7	2.6	2.6	1.7	0.8	0.3	0.2	0.1	0.1				
30	0.1	0.1	0.1	0.2	0.7	2.6	7.6	12.9	12.9	7.6	2.6	0.7	0.2	0.1	0.1	0.1			
20		0.1	0.1	0.3	1.5	7.1	20.6	32.3	32.3	20.6	7.1	1.5	0.3	0.1	0.1				
10	0.1	0.1	0.1	0.4	2.2	11.8	31.4	44.7	44.7	31.4	11.8	2.2	0.4	0.1	0.1	0.1			
0		0.1	0.1	0.4	2.2	11.8	31.4	44.7	44.7	31.4	11.8	2.2	0.4	0.1	0.1				
-10	0.1	0.1	0.1	0.3	1.5	7.1	20.6	32.3	32.3	20.6	7.1	1.5	0.3	0.1	0.1	0.1			
-20		0.1	0.1	0.2	0.7	2.6	7.6	12.9	12.9	7.6	2.6	0.7	0.2	0.1	0.1				
-30	0.1	0.1	0.1	0.2	0.3	0.8	1.7	2.6	2.6	1.7	0.8	0.3	0.2	0.1	0.1	0.1			
-40		0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1				
-50	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0			
-60		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-70	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0						0.0				
-80		0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0										
-90	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0						0.0				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

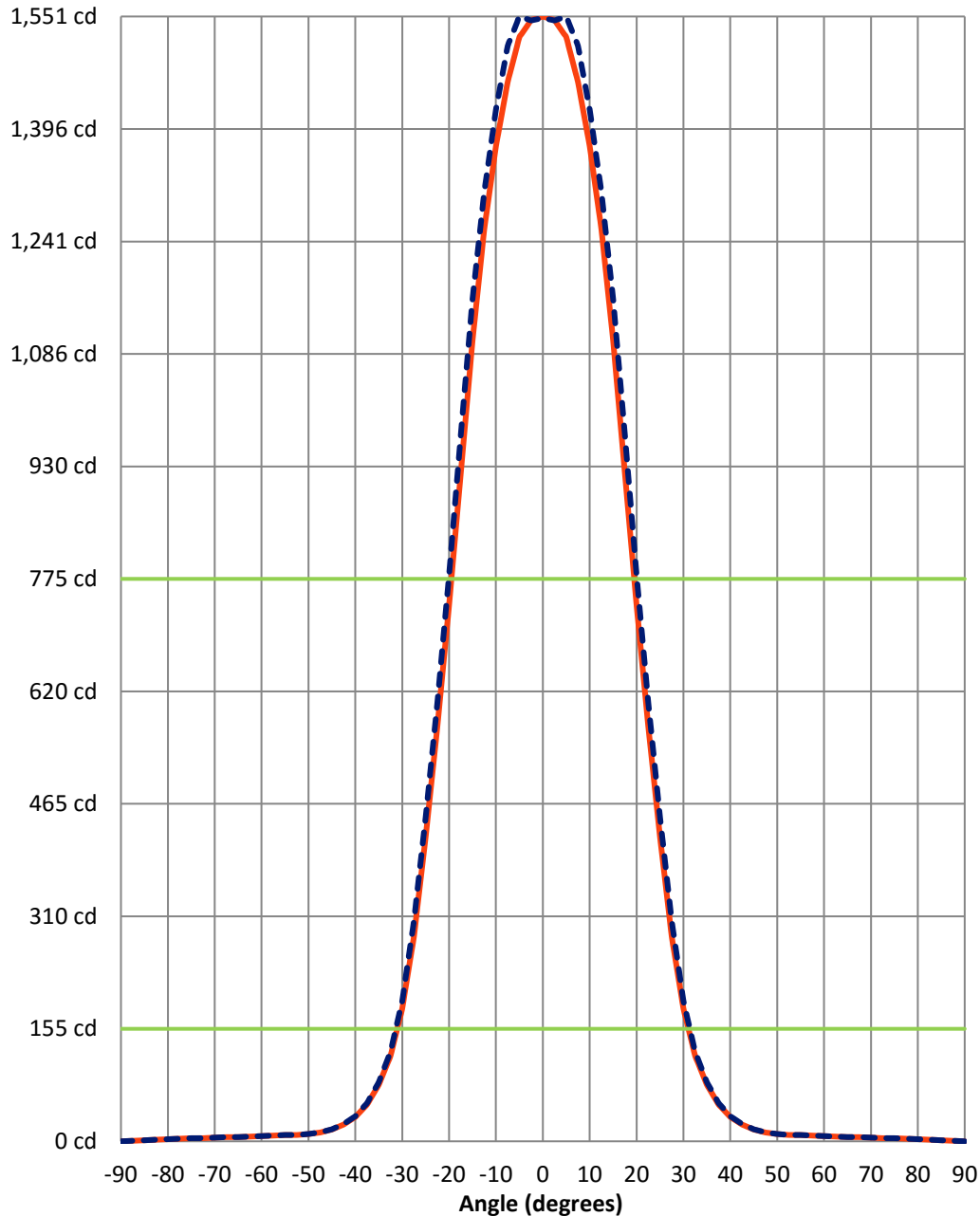
REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 40.2°
 V Angle: 39°
 Lumens: 462.9
 Efficiency: 61.7%

Field:
 H Angle: 62.7°
 V Angle: 62.1°
 Lumens: 669.7
 Efficiency: 89.3%

Spill:
 Lumens: 80.4
 Efficiency: 10.7%

- Vertical Distribution through -5-Deg
- - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
77.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8
72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
70°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
67.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.7
65°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
62.5°	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.3
60°	0.0	0.3	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.2	3.5
57.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.4	3.8
55°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.0
52.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.1	3.5	3.9	4.3
50°	0.0	0.4	0.9	1.3	1.9	2.3	2.8	3.2	3.7	4.1	4.3
47.5°	0.0	0.5	0.9	1.4	2.0	2.5	2.9	3.4	3.8	4.3	4.3
45°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.5	4.0	4.3	4.3
42.5°	0.0	0.5	1.0	1.6	2.2	2.7	3.2	3.7	4.2	4.3	4.5
40°	0.0	0.5	1.1	1.6	2.2	2.8	3.3	3.8	4.3	4.3	4.7
37.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.3	4.4	5.0
35°	0.0	0.6	1.1	1.8	2.4	3.0	3.5	4.1	4.3	4.5	5.2
32.5°	0.0	0.6	1.2	1.8	2.5	3.0	3.6	4.2	4.3	4.7	5.3
30°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.3	4.9	5.5
27.5°	0.0	0.6	1.2	1.9	2.6	3.2	3.8	4.3	4.4	5.0	5.7
25°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.3	4.5	5.2	5.8
22.5°	0.0	0.6	1.3	2.0	2.7	3.3	4.0	4.3	4.6	5.3	5.8
20°	0.0	0.7	1.3	2.1	2.7	3.4	4.0	4.3	4.7	5.4	5.8
17.5°	0.0	0.7	1.3	2.1	2.8	3.4	4.1	4.3	4.8	5.5	5.8
15°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.3	4.9	5.6	5.8
12.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.3	4.9	5.6	5.8
10°	0.0	0.7	1.4	2.2	2.9	3.5	4.2	4.3	5.0	5.7	5.8
7.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.0	5.7	5.8
5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.1	5.8	5.8
2.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.1	5.8	5.8
0°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.1	5.8	5.8
-2.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.1	5.8	5.8
-5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.1	5.8	5.8
-7.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	4.3	5.0	5.7	5.8
-10°	0.0	0.7	1.4	2.2	2.9	3.5	4.2	4.3	5.0	5.7	5.8
-12.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.3	4.9	5.6	5.8
-15°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.3	4.9	5.6	5.8
-17.5°	0.0	0.7	1.3	2.1	2.8	3.4	4.1	4.3	4.8	5.5	5.8
-20°	0.0	0.7	1.3	2.1	2.7	3.4	4.0	4.3	4.7	5.4	5.8



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.3	2.0	2.7	3.3	4.0	4.3	4.6	5.3	5.8
-25°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.3	4.5	5.2	5.8
-27.5°	0.0	0.6	1.2	1.9	2.6	3.2	3.8	4.3	4.4	5.0	5.7
-30°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.3	4.9	5.5
-32.5°	0.0	0.6	1.2	1.8	2.5	3.0	3.6	4.2	4.3	4.7	5.3
-35°	0.0	0.6	1.1	1.8	2.4	3.0	3.5	4.1	4.3	4.5	5.2
-37.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.3	4.4	5.0
-40°	0.0	0.5	1.1	1.6	2.2	2.8	3.3	3.8	4.3	4.3	4.7
-42.5°	0.0	0.5	1.0	1.6	2.2	2.7	3.2	3.7	4.2	4.3	4.5
-45°	0.0	0.5	1.0	1.5	2.1	2.6	3.1	3.5	4.0	4.3	4.3
-47.5°	0.0	0.5	0.9	1.4	2.0	2.5	2.9	3.4	3.8	4.3	4.3
-50°	0.0	0.4	0.9	1.3	1.9	2.3	2.8	3.2	3.7	4.1	4.3
-52.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.1	3.5	3.9	4.3
-55°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.0
-57.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.1	3.4	3.8
-60°	0.0	0.3	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.2	3.5
-62.5°	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.3
-65°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
-67.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.7
-70°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
-72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
-75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8
-77.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	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: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
82.5°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
80°	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.2	2.3
77.5°	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
75°	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.3	3.4
72.5°	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0
70°	2.6	2.9	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.3
67.5°	2.9	3.2	3.4	3.7	3.9	4.1	4.3	4.3	4.3	4.3	4.4
65°	3.3	3.5	3.8	4.0	4.3	4.3	4.3	4.3	4.5	4.7	5.0
62.5°	3.5	3.8	4.1	4.3	4.3	4.3	4.5	4.8	5.1	5.3	5.5
60°	3.8	4.2	4.3	4.3	4.4	4.7	5.0	5.3	5.6	5.8	5.8
57.5°	4.1	4.3	4.3	4.4	4.8	5.2	5.5	5.8	5.8	5.8	5.9
55°	4.3	4.3	4.4	4.8	5.2	5.6	5.8	5.8	5.8	6.1	6.4
52.5°	4.3	4.4	4.8	5.2	5.6	5.8	5.8	5.9	6.3	6.6	6.9
50°	4.3	4.7	5.2	5.6	5.8	5.8	6.0	6.4	6.7	7.1	7.4
47.5°	4.5	5.0	5.5	5.8	5.8	6.0	6.4	6.8	7.2	7.5	7.9
45°	4.8	5.3	5.8	5.8	5.9	6.4	6.8	7.2	7.6	8.0	8.4
42.5°	5.1	5.6	5.8	5.8	6.3	6.7	7.2	7.6	8.0	8.5	8.7
40°	5.3	5.8	5.8	6.1	6.6	7.1	7.5	8.0	8.5	8.7	8.7
37.5°	5.5	5.8	5.9	6.4	6.9	7.4	7.9	8.4	8.7	8.7	9.5
35°	5.7	5.8	6.1	6.6	7.2	7.7	8.3	8.7	8.7	9.5	10.6
32.5°	5.8	5.8	6.3	6.9	7.4	8.0	8.6	8.7	9.2	10.3	11.9
30°	5.8	6.0	6.6	7.1	7.7	8.3	8.7	8.8	9.9	11.5	13.8
27.5°	5.8	6.2	6.8	7.4	8.0	8.6	8.7	9.5	10.8	12.8	16.1
25°	5.8	6.3	7.0	7.6	8.2	8.7	8.8	10.0	11.8	14.8	19.4
22.5°	5.9	6.5	7.1	7.8	8.5	8.7	9.3	10.8	13.0	16.7	22.7
20°	6.0	6.6	7.3	7.9	8.7	8.7	9.8	11.5	14.6	19.6	26.8
17.5°	6.1	6.8	7.4	8.1	8.7	8.9	10.2	12.2	16.1	22.2	31.0
15°	6.2	6.9	7.6	8.3	8.7	9.2	10.7	13.3	17.8	24.8	34.8
12.5°	6.3	7.0	7.7	8.4	8.7	9.5	11.2	14.3	19.6	27.7	40.1
10°	6.4	7.1	7.7	8.5	8.7	9.7	11.6	15.1	21.1	30.2	44.6
7.5°	6.4	7.1	7.8	8.6	8.7	9.9	11.9	15.8	22.3	32.1	48.1
5°	6.5	7.2	7.9	8.7	8.7	10.0	12.1	16.2	23.1	33.5	50.6
2.5°	6.5	7.2	7.9	8.7	8.7	10.1	12.3	16.5	23.6	34.3	52.2
0°	6.5	7.2	7.9	8.7	8.7	10.1	12.3	16.6	23.8	34.6	52.7
-2.5°	6.5	7.2	7.9	8.7	8.7	10.1	12.3	16.5	23.6	34.3	52.2
-5°	6.5	7.2	7.9	8.7	8.7	10.0	12.1	16.2	23.1	33.5	50.6
-7.5°	6.4	7.1	7.8	8.6	8.7	9.9	11.9	15.8	22.3	32.1	48.1
-10°	6.4	7.1	7.7	8.5	8.7	9.7	11.6	15.1	21.1	30.2	44.6
-12.5°	6.3	7.0	7.7	8.4	8.7	9.5	11.2	14.3	19.6	27.7	40.1
-15°	6.2	6.9	7.6	8.3	8.7	9.2	10.7	13.3	17.8	24.8	34.8
-17.5°	6.1	6.8	7.4	8.1	8.7	8.9	10.2	12.2	16.1	22.2	31.0
-20°	6.0	6.6	7.3	7.9	8.7	8.7	9.8	11.5	14.6	19.6	26.8



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	5.9	6.5	7.1	7.8	8.5	8.7	9.3	10.8	13.0	16.7	22.7
-25°	5.8	6.3	7.0	7.6	8.2	8.7	8.8	10.0	11.8	14.8	19.4
-27.5°	5.8	6.2	6.8	7.4	8.0	8.6	8.7	9.5	10.8	12.8	16.1
-30°	5.8	6.0	6.6	7.1	7.7	8.3	8.7	8.8	9.9	11.5	13.8
-32.5°	5.8	5.8	6.3	6.9	7.4	8.0	8.6	8.7	9.2	10.3	11.9
-35°	5.7	5.8	6.1	6.6	7.2	7.7	8.3	8.7	8.7	9.5	10.6
-37.5°	5.5	5.8	5.9	6.4	6.9	7.4	7.9	8.4	8.7	8.7	9.5
-40°	5.3	5.8	5.8	6.1	6.6	7.1	7.5	8.0	8.5	8.7	8.7
-42.5°	5.1	5.6	5.8	5.8	6.3	6.7	7.2	7.6	8.0	8.5	8.7
-45°	4.8	5.3	5.8	5.8	5.9	6.4	6.8	7.2	7.6	8.0	8.4
-47.5°	4.5	5.0	5.5	5.8	5.8	6.0	6.4	6.8	7.2	7.5	7.9
-50°	4.3	4.7	5.2	5.6	5.8	5.8	6.0	6.4	6.7	7.1	7.4
-52.5°	4.3	4.4	4.8	5.2	5.6	5.8	5.8	5.9	6.3	6.6	6.9
-55°	4.3	4.3	4.4	4.8	5.2	5.6	5.8	5.8	5.8	6.1	6.4
-57.5°	4.1	4.3	4.3	4.4	4.8	5.2	5.5	5.8	5.8	5.8	5.9
-60°	3.8	4.2	4.3	4.3	4.4	4.7	5.0	5.3	5.6	5.8	5.8
-62.5°	3.5	3.8	4.1	4.3	4.3	4.3	4.5	4.8	5.1	5.3	5.5
-65°	3.3	3.5	3.8	4.0	4.3	4.3	4.3	4.3	4.5	4.7	5.0
-67.5°	2.9	3.2	3.4	3.7	3.9	4.1	4.3	4.3	4.3	4.3	4.4
-70°	2.6	2.9	3.1	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.3
-72.5°	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.5	3.7	3.8	4.0
-75°	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.1	3.2	3.3	3.4
-77.5°	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
-80°	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.2	2.3
-82.5°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
-85°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	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: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
85°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
82.5°	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2
80°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
77.5°	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
75°	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.2
72.5°	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
70°	4.3	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0
67.5°	4.5	4.7	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.6	5.7
65°	5.2	5.3	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	5.7	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4
60°	5.8	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0	7.1
57.5°	6.1	6.3	6.6	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.7
55°	6.6	6.9	7.1	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.5
52.5°	7.2	7.4	7.7	8.0	8.2	8.5	8.7	8.7	8.7	8.7	8.7
50°	7.7	8.0	8.3	8.6	8.7	8.7	8.7	8.9	9.2	9.5	9.7
47.5°	8.3	8.6	8.7	8.7	8.8	9.3	9.8	10.2	10.7	11.2	11.6
45°	8.7	8.7	8.8	9.5	10.0	10.8	11.5	12.2	13.3	14.3	15.1
42.5°	8.7	9.2	9.9	10.8	11.8	13.0	14.6	16.1	17.8	19.6	21.1
40°	9.5	10.3	11.5	12.8	14.8	16.7	19.6	22.2	24.8	27.7	30.2
37.5°	10.6	11.9	13.8	16.1	19.4	22.7	26.8	31.0	34.8	40.1	44.6
35°	12.0	14.4	17.1	21.2	25.7	31.1	37.0	44.5	51.3	59.7	67.4
32.5°	14.4	17.6	22.1	27.8	34.0	43.2	52.1	64.8	76.4	88.6	100.9
30°	17.1	22.1	28.5	36.0	47.0	60.1	75.4	93.0	111.2	129.7	152.1
27.5°	21.2	27.8	36.0	48.3	64.3	82.1	106.0	131.1	164.2	193.3	226.1
25°	25.7	34.0	47.0	64.3	85.3	112.6	148.4	188.1	235.4	289.8	341.1
22.5°	31.1	43.2	60.1	82.1	112.6	154.2	202.6	267.4	340.1	412.7	477.3
20°	37.0	52.1	75.4	106.0	148.4	202.6	278.3	368.5	458.4	544.8	621.0
17.5°	44.5	64.8	93.0	131.1	188.1	267.4	368.5	474.9	579.7	682.8	775.3
15°	51.3	76.4	111.2	164.2	235.4	340.1	458.4	579.7	704.0	824.6	938.0
12.5°	59.7	88.6	129.7	193.3	289.8	412.7	544.8	682.8	824.6	965.9	1092.0
10°	67.4	100.9	152.1	226.1	341.1	477.3	621.0	775.3	938.0	1092.0	1218.6
7.5°	73.5	110.6	169.9	257.8	386.4	531.7	688.8	858.5	1033.5	1190.3	1309.5
5°	77.9	117.7	182.9	282.2	419.6	571.8	739.2	921.4	1103.9	1257.2	1372.0
2.5°	80.6	122.0	190.8	298.4	439.9	596.4	770.3	960.8	1146.5	1296.0	1409.4
0°	81.5	123.4	193.4	303.8	446.7	604.7	780.8	974.2	1161.1	1308.4	1422.4
-2.5°	80.6	122.0	190.8	298.4	439.9	596.4	770.3	960.8	1146.5	1296.0	1409.4
-5°	77.9	117.7	182.9	282.2	419.6	571.8	739.2	921.4	1103.9	1257.2	1372.0
-7.5°	73.5	110.6	169.9	257.8	386.4	531.7	688.8	858.5	1033.5	1190.3	1309.5
-10°	67.4	100.9	152.1	226.1	341.1	477.3	621.0	775.3	938.0	1092.0	1218.6
-12.5°	59.7	88.6	129.7	193.3	289.8	412.7	544.8	682.8	824.6	965.9	1092.0
-15°	51.3	76.4	111.2	164.2	235.4	340.1	458.4	579.7	704.0	824.6	938.0
-17.5°	44.5	64.8	93.0	131.1	188.1	267.4	368.5	474.9	579.7	682.8	775.3
-20°	37.0	52.1	75.4	106.0	148.4	202.6	278.3	368.5	458.4	544.8	621.0



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	31.1	43.2	60.1	82.1	112.6	154.2	202.6	267.4	340.1	412.7	477.3
-25°	25.7	34.0	47.0	64.3	85.3	112.6	148.4	188.1	235.4	289.8	341.1
-27.5°	21.2	27.8	36.0	48.3	64.3	82.1	106.0	131.1	164.2	193.3	226.1
-30°	17.1	22.1	28.5	36.0	47.0	60.1	75.4	93.0	111.2	129.7	152.1
-32.5°	14.4	17.6	22.1	27.8	34.0	43.2	52.1	64.8	76.4	88.6	100.9
-35°	12.0	14.4	17.1	21.2	25.7	31.1	37.0	44.5	51.3	59.7	67.4
-37.5°	10.6	11.9	13.8	16.1	19.4	22.7	26.8	31.0	34.8	40.1	44.6
-40°	9.5	10.3	11.5	12.8	14.8	16.7	19.6	22.2	24.8	27.7	30.2
-42.5°	8.7	9.2	9.9	10.8	11.8	13.0	14.6	16.1	17.8	19.6	21.1
-45°	8.7	8.7	8.8	9.5	10.0	10.8	11.5	12.2	13.3	14.3	15.1
-47.5°	8.3	8.6	8.7	8.7	8.8	9.3	9.8	10.2	10.7	11.2	11.6
-50°	7.7	8.0	8.3	8.6	8.7	8.7	8.7	8.9	9.2	9.5	9.7
-52.5°	7.2	7.4	7.7	8.0	8.2	8.5	8.7	8.7	8.7	8.7	8.7
-55°	6.6	6.9	7.1	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.5
-57.5°	6.1	6.3	6.6	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.7
-60°	5.8	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0	7.1
-62.5°	5.7	5.8	5.8	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4
-65°	5.2	5.3	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-67.5°	4.5	4.7	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.6	5.7
-70°	4.3	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	5.0
-72.5°	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-75°	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.2
-77.5°	3.0	3.0	3.1	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5
-80°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
-82.5°	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-85°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-87.5°	0.6	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: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
77.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1
72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
70°	5.0	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.8
67.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6	5.5
65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
62.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2	6.1
60°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	6.9	6.8
57.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.7	7.6	7.4
55°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.1
52.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
50°	9.9	10.0	10.1	10.1	10.1	10.0	9.9	9.7	9.5	9.2	8.9
47.5°	11.9	12.1	12.3	12.3	12.3	12.1	11.9	11.6	11.2	10.7	10.2
45°	15.8	16.2	16.5	16.6	16.5	16.2	15.8	15.1	14.3	13.3	12.2
42.5°	22.3	23.1	23.6	23.8	23.6	23.1	22.3	21.1	19.6	17.8	16.1
40°	32.1	33.5	34.3	34.6	34.3	33.5	32.1	30.2	27.7	24.8	22.2
37.5°	48.1	50.6	52.2	52.7	52.2	50.6	48.1	44.6	40.1	34.8	31.0
35°	73.5	77.9	80.6	81.5	80.6	77.9	73.5	67.4	59.7	51.3	44.5
32.5°	110.6	117.7	122.0	123.4	122.0	117.7	110.6	100.9	88.6	76.4	64.8
30°	169.9	182.9	190.8	193.4	190.8	182.9	169.9	152.1	129.7	111.2	93.0
27.5°	257.8	282.2	298.4	303.8	298.4	282.2	257.8	226.1	193.3	164.2	131.1
25°	386.4	419.6	439.9	446.7	439.9	419.6	386.4	341.1	289.8	235.4	188.1
22.5°	531.7	571.8	596.4	604.7	596.4	571.8	531.7	477.3	412.7	340.1	267.4
20°	688.8	739.2	770.3	780.8	770.3	739.2	688.8	621.0	544.8	458.4	368.5
17.5°	858.5	921.4	960.8	974.2	960.8	921.4	858.5	775.3	682.8	579.7	474.9
15°	1033.5	1103.9	1146.5	1161.1	1146.5	1103.9	1033.5	938.0	824.6	704.0	579.7
12.5°	1190.3	1257.2	1296.0	1308.4	1296.0	1257.2	1190.3	1092.0	965.9	824.6	682.8
10°	1309.5	1372.0	1409.4	1422.4	1409.4	1372.0	1309.5	1218.6	1092.0	938.0	775.3
7.5°	1397.2	1460.4	1498.7	1510.1	1498.7	1460.4	1397.2	1309.5	1190.3	1033.5	858.5
5°	1460.4	1522.2	1545.7	1550.8	1545.7	1522.2	1460.4	1372.0	1257.2	1103.9	921.4
2.5°	1498.7	1545.7	1549.5	1545.4	1549.5	1545.7	1498.7	1409.4	1296.0	1146.5	960.8
0°	1510.1	1550.8	1545.4	1548.6	1545.4	1550.8	1510.1	1422.4	1308.4	1161.1	974.2
-2.5°	1498.7	1545.7	1549.5	1545.4	1549.5	1545.7	1498.7	1409.4	1296.0	1146.5	960.8
-5°	1460.4	1522.2	1545.7	1550.8	1545.7	1522.2	1460.4	1372.0	1257.2	1103.9	921.4
-7.5°	1397.2	1460.4	1498.7	1510.1	1498.7	1460.4	1397.2	1309.5	1190.3	1033.5	858.5
-10°	1309.5	1372.0	1409.4	1422.4	1409.4	1372.0	1309.5	1218.6	1092.0	938.0	775.3
-12.5°	1190.3	1257.2	1296.0	1308.4	1296.0	1257.2	1190.3	1092.0	965.9	824.6	682.8
-15°	1033.5	1103.9	1146.5	1161.1	1146.5	1103.9	1033.5	938.0	824.6	704.0	579.7
-17.5°	858.5	921.4	960.8	974.2	960.8	921.4	858.5	775.3	682.8	579.7	474.9
-20°	688.8	739.2	770.3	780.8	770.3	739.2	688.8	621.0	544.8	458.4	368.5



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	531.7	571.8	596.4	604.7	596.4	571.8	531.7	477.3	412.7	340.1	267.4
-25°	386.4	419.6	439.9	446.7	439.9	419.6	386.4	341.1	289.8	235.4	188.1
-27.5°	257.8	282.2	298.4	303.8	298.4	282.2	257.8	226.1	193.3	164.2	131.1
-30°	169.9	182.9	190.8	193.4	190.8	182.9	169.9	152.1	129.7	111.2	93.0
-32.5°	110.6	117.7	122.0	123.4	122.0	117.7	110.6	100.9	88.6	76.4	64.8
-35°	73.5	77.9	80.6	81.5	80.6	77.9	73.5	67.4	59.7	51.3	44.5
-37.5°	48.1	50.6	52.2	52.7	52.2	50.6	48.1	44.6	40.1	34.8	31.0
-40°	32.1	33.5	34.3	34.6	34.3	33.5	32.1	30.2	27.7	24.8	22.2
-42.5°	22.3	23.1	23.6	23.8	23.6	23.1	22.3	21.1	19.6	17.8	16.1
-45°	15.8	16.2	16.5	16.6	16.5	16.2	15.8	15.1	14.3	13.3	12.2
-47.5°	11.9	12.1	12.3	12.3	12.3	12.1	11.9	11.6	11.2	10.7	10.2
-50°	9.9	10.0	10.1	10.1	10.1	10.0	9.9	9.7	9.5	9.2	8.9
-52.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-55°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.1
-57.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.7	7.6	7.4
-60°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	6.9	6.8
-62.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.2	6.1
-65°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
-67.5°	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.6	5.5
-70°	5.0	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.8
-72.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.1
-77.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4
-80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
-85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-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: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
82.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5
80°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
77.5°	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6
75°	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
72.5°	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.8	3.7	3.5
70°	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.0
67.5°	5.4	5.3	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.3	4.3
65°	5.8	5.8	5.8	5.7	5.5	5.3	5.2	5.0	4.7	4.5	4.3
62.5°	6.0	5.9	5.8	5.8	5.8	5.8	5.7	5.5	5.3	5.1	4.8
60°	6.6	6.5	6.3	6.2	6.0	5.8	5.8	5.8	5.8	5.6	5.3
57.5°	7.3	7.1	7.0	6.8	6.6	6.3	6.1	5.9	5.8	5.8	5.8
55°	7.9	7.8	7.6	7.4	7.1	6.9	6.6	6.4	6.1	5.8	5.8
52.5°	8.7	8.5	8.2	8.0	7.7	7.4	7.2	6.9	6.6	6.3	5.9
50°	8.7	8.7	8.7	8.6	8.3	8.0	7.7	7.4	7.1	6.7	6.4
47.5°	9.8	9.3	8.8	8.7	8.7	8.6	8.3	7.9	7.5	7.2	6.8
45°	11.5	10.8	10.0	9.5	8.8	8.7	8.7	8.4	8.0	7.6	7.2
42.5°	14.6	13.0	11.8	10.8	9.9	9.2	8.7	8.7	8.5	8.0	7.6
40°	19.6	16.7	14.8	12.8	11.5	10.3	9.5	8.7	8.7	8.5	8.0
37.5°	26.8	22.7	19.4	16.1	13.8	11.9	10.6	9.5	8.7	8.7	8.4
35°	37.0	31.1	25.7	21.2	17.1	14.4	12.0	10.6	9.5	8.7	8.7
32.5°	52.1	43.2	34.0	27.8	22.1	17.6	14.4	11.9	10.3	9.2	8.7
30°	75.4	60.1	47.0	36.0	28.5	22.1	17.1	13.8	11.5	9.9	8.8
27.5°	106.0	82.1	64.3	48.3	36.0	27.8	21.2	16.1	12.8	10.8	9.5
25°	148.4	112.6	85.3	64.3	47.0	34.0	25.7	19.4	14.8	11.8	10.0
22.5°	202.6	154.2	112.6	82.1	60.1	43.2	31.1	22.7	16.7	13.0	10.8
20°	278.3	202.6	148.4	106.0	75.4	52.1	37.0	26.8	19.6	14.6	11.5
17.5°	368.5	267.4	188.1	131.1	93.0	64.8	44.5	31.0	22.2	16.1	12.2
15°	458.4	340.1	235.4	164.2	111.2	76.4	51.3	34.8	24.8	17.8	13.3
12.5°	544.8	412.7	289.8	193.3	129.7	88.6	59.7	40.1	27.7	19.6	14.3
10°	621.0	477.3	341.1	226.1	152.1	100.9	67.4	44.6	30.2	21.1	15.1
7.5°	688.8	531.7	386.4	257.8	169.9	110.6	73.5	48.1	32.1	22.3	15.8
5°	739.2	571.8	419.6	282.2	182.9	117.7	77.9	50.6	33.5	23.1	16.2
2.5°	770.3	596.4	439.9	298.4	190.8	122.0	80.6	52.2	34.3	23.6	16.5
0°	780.8	604.7	446.7	303.8	193.4	123.4	81.5	52.7	34.6	23.8	16.6
-2.5°	770.3	596.4	439.9	298.4	190.8	122.0	80.6	52.2	34.3	23.6	16.5
-5°	739.2	571.8	419.6	282.2	182.9	117.7	77.9	50.6	33.5	23.1	16.2
-7.5°	688.8	531.7	386.4	257.8	169.9	110.6	73.5	48.1	32.1	22.3	15.8
-10°	621.0	477.3	341.1	226.1	152.1	100.9	67.4	44.6	30.2	21.1	15.1
-12.5°	544.8	412.7	289.8	193.3	129.7	88.6	59.7	40.1	27.7	19.6	14.3
-15°	458.4	340.1	235.4	164.2	111.2	76.4	51.3	34.8	24.8	17.8	13.3
-17.5°	368.5	267.4	188.1	131.1	93.0	64.8	44.5	31.0	22.2	16.1	12.2
-20°	278.3	202.6	148.4	106.0	75.4	52.1	37.0	26.8	19.6	14.6	11.5



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	202.6	154.2	112.6	82.1	60.1	43.2	31.1	22.7	16.7	13.0	10.8
-25°	148.4	112.6	85.3	64.3	47.0	34.0	25.7	19.4	14.8	11.8	10.0
-27.5°	106.0	82.1	64.3	48.3	36.0	27.8	21.2	16.1	12.8	10.8	9.5
-30°	75.4	60.1	47.0	36.0	28.5	22.1	17.1	13.8	11.5	9.9	8.8
-32.5°	52.1	43.2	34.0	27.8	22.1	17.6	14.4	11.9	10.3	9.2	8.7
-35°	37.0	31.1	25.7	21.2	17.1	14.4	12.0	10.6	9.5	8.7	8.7
-37.5°	26.8	22.7	19.4	16.1	13.8	11.9	10.6	9.5	8.7	8.7	8.4
-40°	19.6	16.7	14.8	12.8	11.5	10.3	9.5	8.7	8.7	8.5	8.0
-42.5°	14.6	13.0	11.8	10.8	9.9	9.2	8.7	8.7	8.5	8.0	7.6
-45°	11.5	10.8	10.0	9.5	8.8	8.7	8.7	8.4	8.0	7.6	7.2
-47.5°	9.8	9.3	8.8	8.7	8.7	8.6	8.3	7.9	7.5	7.2	6.8
-50°	8.7	8.7	8.7	8.6	8.3	8.0	7.7	7.4	7.1	6.7	6.4
-52.5°	8.7	8.5	8.2	8.0	7.7	7.4	7.2	6.9	6.6	6.3	5.9
-55°	7.9	7.8	7.6	7.4	7.1	6.9	6.6	6.4	6.1	5.8	5.8
-57.5°	7.3	7.1	7.0	6.8	6.6	6.3	6.1	5.9	5.8	5.8	5.8
-60°	6.6	6.5	6.3	6.2	6.0	5.8	5.8	5.8	5.8	5.6	5.3
-62.5°	6.0	5.9	5.8	5.8	5.8	5.8	5.7	5.5	5.3	5.1	4.8
-65°	5.8	5.8	5.8	5.7	5.5	5.3	5.2	5.0	4.7	4.5	4.3
-67.5°	5.4	5.3	5.2	5.0	4.9	4.7	4.5	4.4	4.3	4.3	4.3
-70°	4.7	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.2	4.0
-72.5°	4.3	4.3	4.3	4.3	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-75°	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-77.5°	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6
-80°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
-82.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5
-85°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	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: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
82.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
80°	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
77.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
75°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.2
72.5°	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
70°	3.8	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	1.9	1.7
67.5°	4.3	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.5	2.2	1.9
65°	4.3	4.3	4.3	4.0	3.8	3.5	3.3	3.0	2.7	2.4	2.1
62.5°	4.5	4.3	4.3	4.3	4.1	3.8	3.5	3.3	2.9	2.6	2.3
60°	5.0	4.7	4.4	4.3	4.3	4.2	3.8	3.5	3.2	2.9	2.5
57.5°	5.5	5.2	4.8	4.4	4.3	4.3	4.1	3.8	3.4	3.1	2.7
55°	5.8	5.6	5.2	4.8	4.4	4.3	4.3	4.0	3.7	3.3	2.9
52.5°	5.8	5.8	5.6	5.2	4.8	4.4	4.3	4.3	3.9	3.5	3.1
50°	6.0	5.8	5.8	5.6	5.2	4.7	4.3	4.3	4.1	3.7	3.2
47.5°	6.4	6.0	5.8	5.8	5.5	5.0	4.5	4.3	4.3	3.8	3.4
45°	6.8	6.4	5.9	5.8	5.8	5.3	4.8	4.3	4.3	4.0	3.5
42.5°	7.2	6.7	6.3	5.8	5.8	5.6	5.1	4.5	4.3	4.2	3.7
40°	7.5	7.1	6.6	6.1	5.8	5.8	5.3	4.7	4.3	4.3	3.8
37.5°	7.9	7.4	6.9	6.4	5.9	5.8	5.5	5.0	4.4	4.3	4.0
35°	8.3	7.7	7.2	6.6	6.1	5.8	5.7	5.2	4.5	4.3	4.1
32.5°	8.6	8.0	7.4	6.9	6.3	5.8	5.8	5.3	4.7	4.3	4.2
30°	8.7	8.3	7.7	7.1	6.6	6.0	5.8	5.5	4.9	4.3	4.3
27.5°	8.7	8.6	8.0	7.4	6.8	6.2	5.8	5.7	5.0	4.4	4.3
25°	8.8	8.7	8.2	7.6	7.0	6.3	5.8	5.8	5.2	4.5	4.3
22.5°	9.3	8.7	8.5	7.8	7.1	6.5	5.9	5.8	5.3	4.6	4.3
20°	9.8	8.7	8.7	7.9	7.3	6.6	6.0	5.8	5.4	4.7	4.3
17.5°	10.2	8.9	8.7	8.1	7.4	6.8	6.1	5.8	5.5	4.8	4.3
15°	10.7	9.2	8.7	8.3	7.6	6.9	6.2	5.8	5.6	4.9	4.3
12.5°	11.2	9.5	8.7	8.4	7.7	7.0	6.3	5.8	5.6	4.9	4.3
10°	11.6	9.7	8.7	8.5	7.7	7.1	6.4	5.8	5.7	5.0	4.3
7.5°	11.9	9.9	8.7	8.6	7.8	7.1	6.4	5.8	5.7	5.0	4.3
5°	12.1	10.0	8.7	8.7	7.9	7.2	6.5	5.8	5.8	5.1	4.3
2.5°	12.3	10.1	8.7	8.7	7.9	7.2	6.5	5.8	5.8	5.1	4.3
0°	12.3	10.1	8.7	8.7	7.9	7.2	6.5	5.8	5.8	5.1	4.3
-2.5°	12.3	10.1	8.7	8.7	7.9	7.2	6.5	5.8	5.8	5.1	4.3
-5°	12.1	10.0	8.7	8.7	7.9	7.2	6.5	5.8	5.8	5.1	4.3
-7.5°	11.9	9.9	8.7	8.6	7.8	7.1	6.4	5.8	5.7	5.0	4.3
-10°	11.6	9.7	8.7	8.5	7.7	7.1	6.4	5.8	5.7	5.0	4.3
-12.5°	11.2	9.5	8.7	8.4	7.7	7.0	6.3	5.8	5.6	4.9	4.3
-15°	10.7	9.2	8.7	8.3	7.6	6.9	6.2	5.8	5.6	4.9	4.3
-17.5°	10.2	8.9	8.7	8.1	7.4	6.8	6.1	5.8	5.5	4.8	4.3
-20°	9.8	8.7	8.7	7.9	7.3	6.6	6.0	5.8	5.4	4.7	4.3



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9.3	8.7	8.5	7.8	7.1	6.5	5.9	5.8	5.3	4.6	4.3
-25°	8.8	8.7	8.2	7.6	7.0	6.3	5.8	5.8	5.2	4.5	4.3
-27.5°	8.7	8.6	8.0	7.4	6.8	6.2	5.8	5.7	5.0	4.4	4.3
-30°	8.7	8.3	7.7	7.1	6.6	6.0	5.8	5.5	4.9	4.3	4.3
-32.5°	8.6	8.0	7.4	6.9	6.3	5.8	5.8	5.3	4.7	4.3	4.2
-35°	8.3	7.7	7.2	6.6	6.1	5.8	5.7	5.2	4.5	4.3	4.1
-37.5°	7.9	7.4	6.9	6.4	5.9	5.8	5.5	5.0	4.4	4.3	4.0
-40°	7.5	7.1	6.6	6.1	5.8	5.8	5.3	4.7	4.3	4.3	3.8
-42.5°	7.2	6.7	6.3	5.8	5.8	5.6	5.1	4.5	4.3	4.2	3.7
-45°	6.8	6.4	5.9	5.8	5.8	5.3	4.8	4.3	4.3	4.0	3.5
-47.5°	6.4	6.0	5.8	5.8	5.5	5.0	4.5	4.3	4.3	3.8	3.4
-50°	6.0	5.8	5.8	5.6	5.2	4.7	4.3	4.3	4.1	3.7	3.2
-52.5°	5.8	5.8	5.6	5.2	4.8	4.4	4.3	4.3	3.9	3.5	3.1
-55°	5.8	5.6	5.2	4.8	4.4	4.3	4.3	4.0	3.7	3.3	2.9
-57.5°	5.5	5.2	4.8	4.4	4.3	4.3	4.1	3.8	3.4	3.1	2.7
-60°	5.0	4.7	4.4	4.3	4.3	4.2	3.8	3.5	3.2	2.9	2.5
-62.5°	4.5	4.3	4.3	4.3	4.1	3.8	3.5	3.3	2.9	2.6	2.3
-65°	4.3	4.3	4.3	4.0	3.8	3.5	3.3	3.0	2.7	2.4	2.1
-67.5°	4.3	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.5	2.2	1.9
-70°	3.8	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	1.9	1.7
-72.5°	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
-75°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.2
-77.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
-80°	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
-82.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
-85°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
-87.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
75°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
72.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
70°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
67.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
65°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
62.5°	2.0	1.6	1.3	1.0	0.6	0.3	0.0
60°	2.2	1.8	1.4	1.0	0.7	0.3	0.0
57.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
55°	2.5	2.1	1.6	1.2	0.8	0.4	0.0
52.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
50°	2.8	2.3	1.9	1.3	0.9	0.4	0.0
47.5°	2.9	2.5	2.0	1.4	0.9	0.5	0.0
45°	3.1	2.6	2.1	1.5	1.0	0.5	0.0
42.5°	3.2	2.7	2.2	1.6	1.0	0.5	0.0
40°	3.3	2.8	2.2	1.6	1.1	0.5	0.0
37.5°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
35°	3.5	3.0	2.4	1.8	1.1	0.6	0.0
32.5°	3.6	3.0	2.5	1.8	1.2	0.6	0.0
30°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
27.5°	3.8	3.2	2.6	1.9	1.2	0.6	0.0
25°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
22.5°	4.0	3.3	2.7	2.0	1.3	0.6	0.0
20°	4.0	3.4	2.7	2.1	1.3	0.7	0.0
17.5°	4.1	3.4	2.8	2.1	1.3	0.7	0.0
15°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
12.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
10°	4.2	3.5	2.9	2.2	1.4	0.7	0.0
7.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
2.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
0°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-2.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-7.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-10°	4.2	3.5	2.9	2.2	1.4	0.7	0.0
-12.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-15°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-17.5°	4.1	3.4	2.8	2.1	1.3	0.7	0.0
-20°	4.0	3.4	2.7	2.1	1.3	0.7	0.0



REPORT NUMBER: P220325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.0	3.3	2.7	2.0	1.3	0.6	0.0
-25°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
-27.5°	3.8	3.2	2.6	1.9	1.2	0.6	0.0
-30°	3.7	3.1	2.5	1.9	1.2	0.6	0.0
-32.5°	3.6	3.0	2.5	1.8	1.2	0.6	0.0
-35°	3.5	3.0	2.4	1.8	1.1	0.6	0.0
-37.5°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
-40°	3.3	2.8	2.2	1.6	1.1	0.5	0.0
-42.5°	3.2	2.7	2.2	1.6	1.0	0.5	0.0
-45°	3.1	2.6	2.1	1.5	1.0	0.5	0.0
-47.5°	2.9	2.5	2.0	1.4	0.9	0.5	0.0
-50°	2.8	2.3	1.9	1.3	0.9	0.4	0.0
-52.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-55°	2.5	2.1	1.6	1.2	0.8	0.4	0.0
-57.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-60°	2.2	1.8	1.4	1.0	0.7	0.3	0.0
-62.5°	2.0	1.6	1.3	1.0	0.6	0.3	0.0
-65°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-67.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-70°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-72.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-75°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-77.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)