

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: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

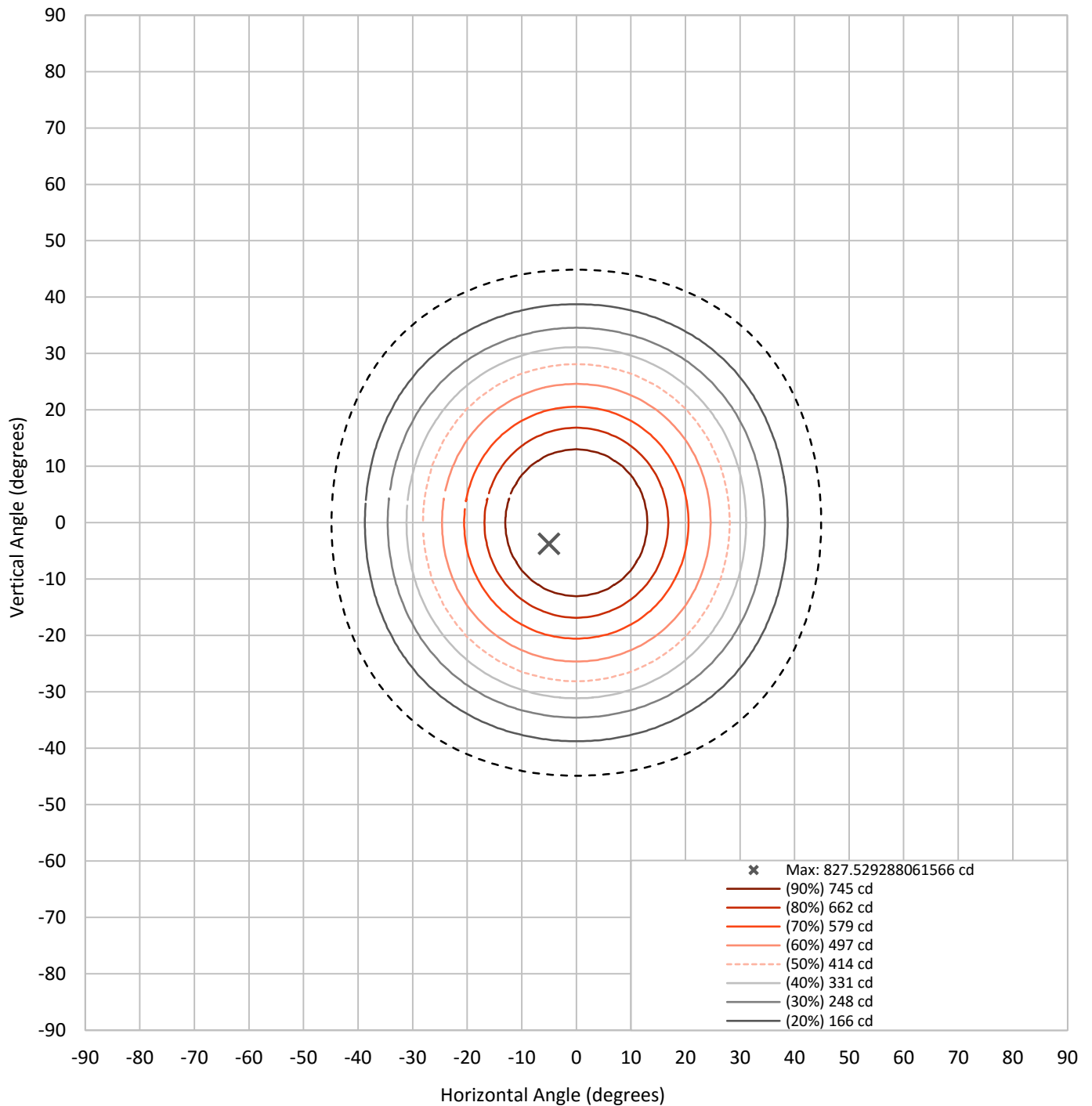
Test Method: LM-79-08
Report Number: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29412)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	732.8 lumens	Max Intensity:	827.5 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	73.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.8°H x 55.5°V	Field Angle (10%):	89.6°H x 89.4°V
Beam Lumens:	455.4 lumens	Field Lumens:	684.6 lumens
Beam Efficiency:	62.1%	Field Efficiency:	93.4%
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		

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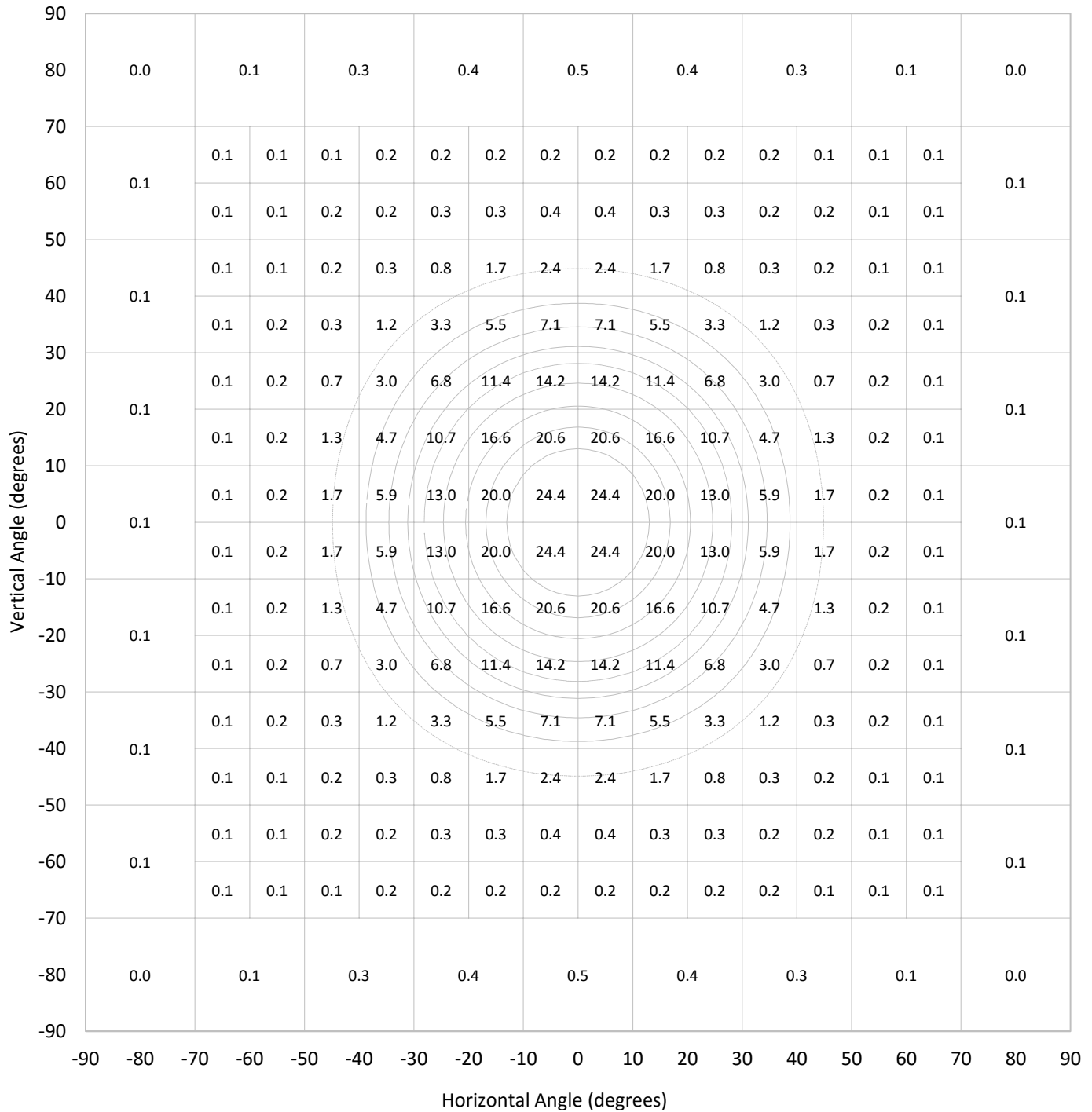
Iso-Candela Plot





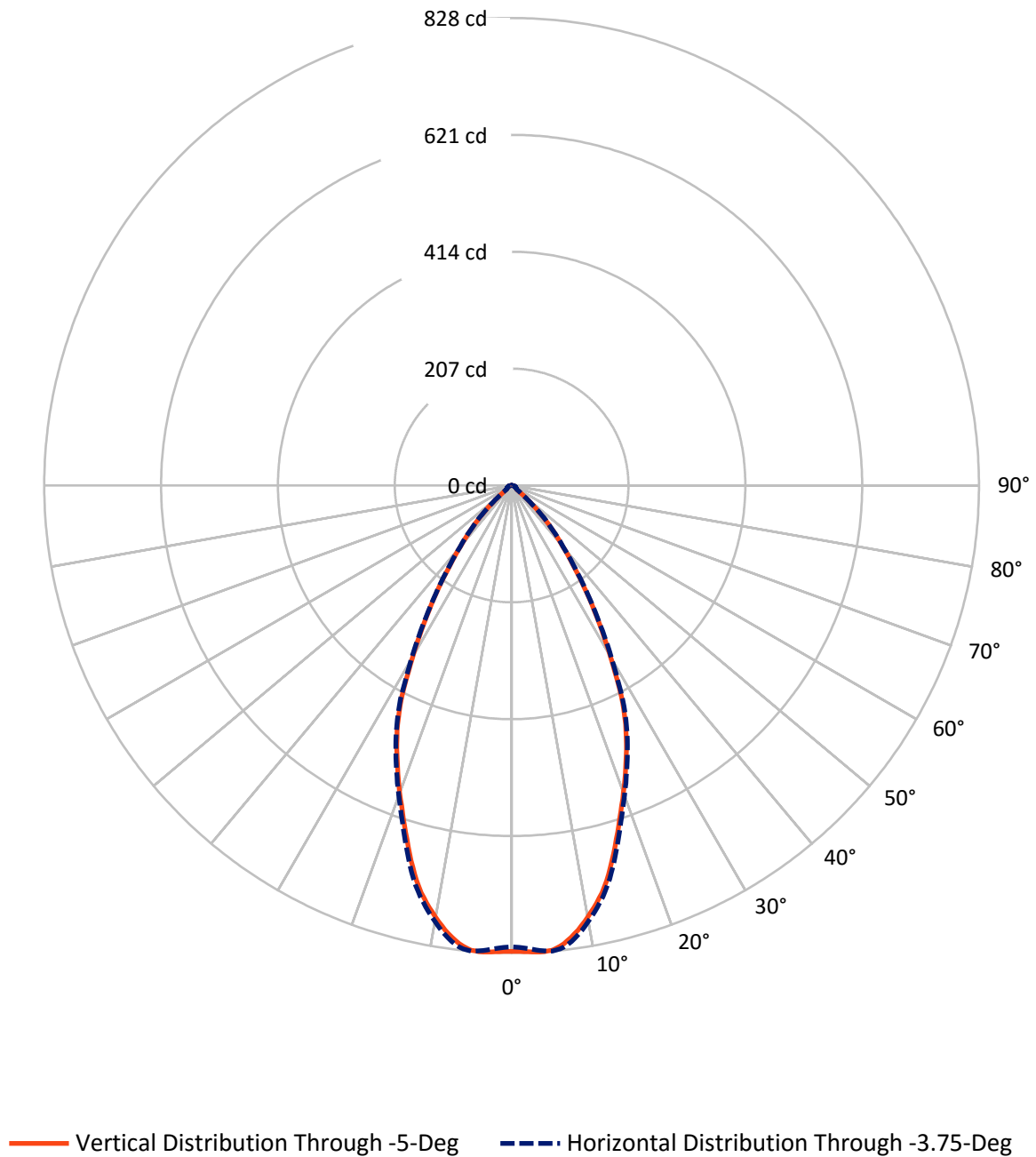
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Lumen Table



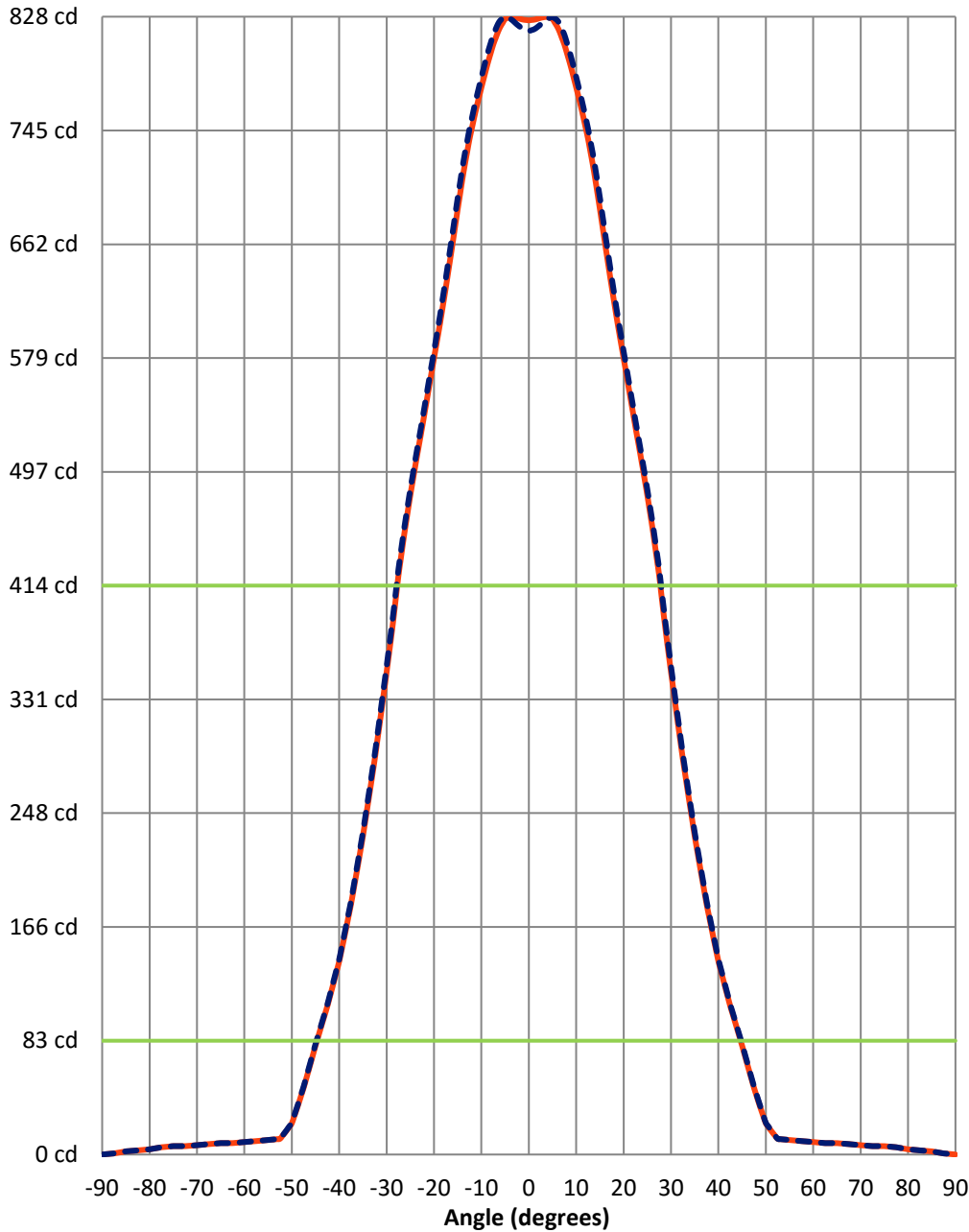
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 55.8°
 V Angle: 55.5°
 Lumens: 455.4
 Efficiency: 62.1%

Field:
 H Angle: 89.6°
 V Angle: 89.4°
 Lumens: 684.6
 Efficiency: 93.4%

Spill:
 Lumens: 48.2
 Efficiency: 6.6%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
81.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
78.75°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9
76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.1
75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.2
73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.4
72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.5
71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.5	1.7
70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.1	1.3	1.6	1.8
68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.5	1.7	2.0
67.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.6	1.9	2.2
66.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.7	2.0	2.3
65°	0.0	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.4
63.75°	0.0	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.4
62.5°	0.0	0.2	0.4	0.6	0.7	1.0	1.4	1.7	2.1	2.3	2.5
61.25°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.8	2.2	2.4	2.6
60°	0.0	0.2	0.4	0.6	0.8	1.2	1.5	1.9	2.3	2.5	2.6
58.75°	0.0	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.3	2.5	2.7
57.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.7	2.1	2.4	2.6	2.8
56.25°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.2	2.5	2.6	2.8
55°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.3	2.5	2.7	2.9
53.75°	0.0	0.2	0.5	0.7	1.1	1.5	2.0	2.3	2.6	2.8	3.0
52.5°	0.0	0.2	0.5	0.7	1.1	1.6	2.0	2.4	2.6	2.8	3.0
51.25°	0.0	0.3	0.5	0.8	1.2	1.6	2.1	2.4	2.6	2.9	3.1
50°	0.0	0.3	0.5	0.8	1.2	1.7	2.2	2.5	2.7	2.9	3.2
48.75°	0.0	0.3	0.5	0.8	1.3	1.8	2.3	2.5	2.7	3.0	3.2
47.5°	0.0	0.3	0.5	0.8	1.3	1.8	2.3	2.6	2.8	3.0	3.3
46.25°	0.0	0.3	0.6	0.9	1.4	1.9	2.4	2.6	2.8	3.1	3.4
45°	0.0	0.3	0.6	0.9	1.4	1.9	2.4	2.6	2.9	3.1	3.4
43.75°	0.0	0.3	0.6	0.9	1.5	2.0	2.4	2.7	2.9	3.2	3.5
42.5°	0.0	0.3	0.6	1.0	1.5	2.1	2.4	2.7	3.0	3.2	3.5
41.25°	0.0	0.3	0.6	1.0	1.6	2.1	2.5	2.7	3.0	3.3	3.6
40°	0.0	0.3	0.6	1.0	1.6	2.2	2.5	2.8	3.0	3.4	3.7
38.75°	0.0	0.3	0.6	1.1	1.6	2.2	2.5	2.8	3.1	3.4	3.7
37.5°	0.0	0.3	0.6	1.1	1.7	2.3	2.6	2.8	3.1	3.4	3.8
36.25°	0.0	0.3	0.6	1.1	1.7	2.3	2.6	2.9	3.2	3.5	3.8
35°	0.0	0.3	0.7	1.1	1.8	2.3	2.6	2.9	3.2	3.5	3.9



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	0.3	0.7	1.2	1.8	2.4	2.6	2.9	3.3	3.6	4.0
32.5°	0.0	0.3	0.7	1.2	1.8	2.4	2.7	3.0	3.3	3.6	4.1
31.25°	0.0	0.3	0.7	1.2	1.9	2.4	2.7	3.0	3.3	3.7	4.2
30°	0.0	0.3	0.7	1.2	1.9	2.4	2.7	3.0	3.4	3.7	4.3
28.75°	0.0	0.4	0.7	1.3	1.9	2.4	2.7	3.1	3.4	3.8	4.4
27.5°	0.0	0.4	0.7	1.3	2.0	2.5	2.8	3.1	3.4	3.8	4.4
26.25°	0.0	0.4	0.7	1.3	2.0	2.5	2.8	3.1	3.5	3.8	4.5
25°	0.0	0.4	0.7	1.3	2.0	2.5	2.8	3.1	3.5	3.9	4.6
23.75°	0.0	0.4	0.7	1.4	2.0	2.5	2.8	3.2	3.5	4.0	4.7
22.5°	0.0	0.4	0.7	1.4	2.1	2.5	2.8	3.2	3.6	4.0	4.7
21.25°	0.0	0.4	0.7	1.4	2.1	2.5	2.9	3.2	3.6	4.1	4.8
20°	0.0	0.4	0.8	1.4	2.1	2.5	2.9	3.2	3.6	4.1	4.8
18.75°	0.0	0.4	0.8	1.4	2.1	2.6	2.9	3.3	3.6	4.2	4.9
17.5°	0.0	0.4	0.8	1.4	2.2	2.6	2.9	3.3	3.7	4.2	4.9
16.25°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.3	5.0
15°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.3	5.0
13.75°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.4	5.1
12.5°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.4	5.1
11.25°	0.0	0.4	0.8	1.5	2.2	2.6	3.0	3.3	3.7	4.4	5.2
10°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.4	5.2
8.75°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.2
7.5°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.2
6.25°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
5°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
3.75°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
2.5°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
1.25°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
0°	0.0	0.4	0.8	1.6	2.3	2.7	3.0	3.4	3.8	4.6	5.3
-1.25°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
-2.5°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
-3.75°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
-5°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
-6.25°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.3
-7.5°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.2
-8.75°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.5	5.2
-10°	0.0	0.4	0.8	1.5	2.3	2.6	3.0	3.4	3.8	4.4	5.2
-11.25°	0.0	0.4	0.8	1.5	2.2	2.6	3.0	3.3	3.7	4.4	5.2
-12.5°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.4	5.1
-13.75°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.4	5.1
-15°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.3	5.0
-16.25°	0.0	0.4	0.8	1.5	2.2	2.6	2.9	3.3	3.7	4.3	5.0
-17.5°	0.0	0.4	0.8	1.4	2.2	2.6	2.9	3.3	3.7	4.2	4.9
-18.75°	0.0	0.4	0.8	1.4	2.1	2.6	2.9	3.3	3.6	4.2	4.9
-20°	0.0	0.4	0.8	1.4	2.1	2.5	2.9	3.2	3.6	4.1	4.8
-21.25°	0.0	0.4	0.7	1.4	2.1	2.5	2.9	3.2	3.6	4.1	4.8



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	0.4	0.7	1.4	2.1	2.5	2.8	3.2	3.6	4.0	4.7
-23.75°	0.0	0.4	0.7	1.4	2.0	2.5	2.8	3.2	3.5	4.0	4.7
-25°	0.0	0.4	0.7	1.3	2.0	2.5	2.8	3.1	3.5	3.9	4.6
-26.25°	0.0	0.4	0.7	1.3	2.0	2.5	2.8	3.1	3.5	3.8	4.5
-27.5°	0.0	0.4	0.7	1.3	2.0	2.5	2.8	3.1	3.4	3.8	4.4
-28.75°	0.0	0.4	0.7	1.3	1.9	2.4	2.7	3.1	3.4	3.8	4.4
-30°	0.0	0.3	0.7	1.2	1.9	2.4	2.7	3.0	3.4	3.7	4.3
-31.25°	0.0	0.3	0.7	1.2	1.9	2.4	2.7	3.0	3.3	3.7	4.2
-32.5°	0.0	0.3	0.7	1.2	1.8	2.4	2.7	3.0	3.3	3.6	4.1
-33.75°	0.0	0.3	0.7	1.2	1.8	2.4	2.6	2.9	3.3	3.6	4.0
-35°	0.0	0.3	0.7	1.1	1.8	2.3	2.6	2.9	3.2	3.5	3.9
-36.25°	0.0	0.3	0.6	1.1	1.7	2.3	2.6	2.9	3.2	3.5	3.8
-37.5°	0.0	0.3	0.6	1.1	1.7	2.3	2.6	2.8	3.1	3.4	3.8
-38.75°	0.0	0.3	0.6	1.1	1.6	2.2	2.5	2.8	3.1	3.4	3.7
-40°	0.0	0.3	0.6	1.0	1.6	2.2	2.5	2.8	3.0	3.4	3.7
-41.25°	0.0	0.3	0.6	1.0	1.6	2.1	2.5	2.7	3.0	3.3	3.6
-42.5°	0.0	0.3	0.6	1.0	1.5	2.1	2.4	2.7	3.0	3.2	3.5
-43.75°	0.0	0.3	0.6	0.9	1.5	2.0	2.4	2.7	2.9	3.2	3.5
-45°	0.0	0.3	0.6	0.9	1.4	1.9	2.4	2.6	2.9	3.1	3.4
-46.25°	0.0	0.3	0.6	0.9	1.4	1.9	2.4	2.6	2.8	3.1	3.4
-47.5°	0.0	0.3	0.5	0.8	1.3	1.8	2.3	2.6	2.8	3.0	3.3
-48.75°	0.0	0.3	0.5	0.8	1.3	1.8	2.3	2.5	2.7	3.0	3.2
-50°	0.0	0.3	0.5	0.8	1.2	1.7	2.2	2.5	2.7	2.9	3.2
-51.25°	0.0	0.3	0.5	0.8	1.2	1.6	2.1	2.4	2.6	2.9	3.1
-52.5°	0.0	0.2	0.5	0.7	1.1	1.6	2.0	2.4	2.6	2.8	3.0
-53.75°	0.0	0.2	0.5	0.7	1.1	1.5	2.0	2.3	2.6	2.8	3.0
-55°	0.0	0.2	0.5	0.7	1.0	1.4	1.9	2.3	2.5	2.7	2.9
-56.25°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.2	2.5	2.6	2.8
-57.5°	0.0	0.2	0.4	0.6	0.9	1.3	1.7	2.1	2.4	2.6	2.8
-58.75°	0.0	0.2	0.4	0.6	0.9	1.2	1.6	2.0	2.3	2.5	2.7
-60°	0.0	0.2	0.4	0.6	0.8	1.2	1.5	1.9	2.3	2.5	2.6
-61.25°	0.0	0.2	0.4	0.6	0.8	1.1	1.5	1.8	2.2	2.4	2.6
-62.5°	0.0	0.2	0.4	0.6	0.7	1.0	1.4	1.7	2.1	2.3	2.5
-63.75°	0.0	0.2	0.4	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.4
-65°	0.0	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.4
-66.25°	0.0	0.2	0.3	0.5	0.6	0.8	1.1	1.4	1.7	2.0	2.3
-67.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.3	1.6	1.9	2.2
-68.75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.5	1.7	2.0
-70°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.1	1.3	1.6	1.8
-71.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.5	1.7
-72.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.1	1.3	1.5
-73.75°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.4
-75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.2
-76.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.1
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.6	0.7
-81.25°	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	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-83.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
87.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
86.25°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
85°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0
82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3
81.25°	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
80°	0.8	0.8	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9
78.75°	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1	2.3
77.5°	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.4
76.25°	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.4	2.5	2.6
75°	1.4	1.6	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.7
73.75°	1.6	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
72.5°	1.8	2.0	2.2	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3.0
71.25°	1.9	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
70°	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.3	3.4
68.75°	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.6
67.5°	2.4	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4	3.6	3.7
66.25°	2.4	2.6	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	4.0
65°	2.5	2.7	2.8	2.9	3.1	3.3	3.4	3.6	3.7	4.0	4.3
63.75°	2.6	2.7	2.9	3.0	3.2	3.4	3.6	3.7	4.0	4.3	4.6
62.5°	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.9	4.2	4.6	4.9
61.25°	2.7	2.9	3.1	3.3	3.4	3.6	3.8	4.2	4.5	4.8	5.2
60°	2.8	3.0	3.2	3.4	3.6	3.8	4.1	4.4	4.8	5.1	5.4
58.75°	2.9	3.1	3.3	3.5	3.7	3.9	4.3	4.7	5.0	5.4	5.5
57.5°	3.0	3.2	3.4	3.6	3.8	4.2	4.5	4.9	5.3	5.5	5.7
56.25°	3.0	3.2	3.5	3.7	4.0	4.4	4.8	5.2	5.4	5.6	5.9
55°	3.1	3.3	3.6	3.8	4.2	4.6	5.0	5.4	5.6	5.8	6.0
53.75°	3.2	3.4	3.6	3.9	4.4	4.8	5.2	5.5	5.7	5.9	6.1
52.5°	3.3	3.5	3.7	4.1	4.6	5.0	5.4	5.6	5.8	6.1	6.1
51.25°	3.3	3.6	3.9	4.3	4.8	5.2	5.5	5.7	6.0	6.1	6.1
50°	3.4	3.7	4.0	4.5	5.0	5.4	5.6	5.9	6.1	6.1	6.1
48.75°	3.5	3.7	4.2	4.7	5.1	5.5	5.7	6.0	6.1	6.1	6.1
47.5°	3.6	3.8	4.3	4.8	5.3	5.6	5.8	6.1	6.1	6.1	6.1
46.25°	3.6	4.0	4.5	5.0	5.4	5.7	5.9	6.1	6.1	6.1	6.2
45°	3.7	4.1	4.6	5.2	5.5	5.8	6.1	6.1	6.1	6.1	6.3
43.75°	3.8	4.3	4.8	5.3	5.6	5.9	6.1	6.1	6.1	6.2	6.4
42.5°	3.9	4.4	4.9	5.4	5.7	6.0	6.1	6.1	6.1	6.3	6.5
41.25°	4.0	4.5	5.1	5.5	5.8	6.1	6.1	6.1	6.1	6.4	6.6
40°	4.1	4.7	5.2	5.6	5.9	6.1	6.1	6.1	6.2	6.5	6.7
38.75°	4.2	4.8	5.3	5.6	5.9	6.1	6.1	6.1	6.3	6.6	6.9
37.5°	4.3	4.9	5.4	5.7	6.0	6.1	6.1	6.1	6.4	6.7	7.0
36.25°	4.4	5.0	5.5	5.8	6.1	6.1	6.1	6.2	6.5	6.8	7.1
35°	4.5	5.1	5.5	5.9	6.1	6.1	6.1	6.3	6.6	6.9	7.2



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	4.6	5.3	5.6	5.9	6.1	6.1	6.1	6.4	6.7	7.0	7.3
32.5°	4.7	5.3	5.7	6.0	6.1	6.1	6.2	6.5	6.8	7.1	7.4
31.25°	4.8	5.4	5.7	6.1	6.1	6.1	6.3	6.5	6.8	7.2	7.5
30°	4.9	5.4	5.8	6.1	6.1	6.1	6.3	6.6	6.9	7.3	7.6
28.75°	5.0	5.5	5.8	6.1	6.1	6.1	6.4	6.7	7.0	7.4	7.7
27.5°	5.1	5.5	5.9	6.1	6.1	6.1	6.5	6.8	7.1	7.4	7.8
26.25°	5.2	5.6	6.0	6.1	6.1	6.2	6.5	6.8	7.2	7.5	7.8
25°	5.3	5.6	6.0	6.1	6.1	6.3	6.6	6.9	7.3	7.6	7.9
23.75°	5.3	5.7	6.0	6.1	6.1	6.3	6.6	7.0	7.3	7.7	8.0
22.5°	5.4	5.7	6.1	6.1	6.1	6.4	6.7	7.0	7.4	7.7	8.1
21.25°	5.4	5.8	6.1	6.1	6.1	6.4	6.7	7.1	7.5	7.8	8.1
20°	5.4	5.8	6.1	6.1	6.1	6.4	6.8	7.1	7.5	7.9	8.2
18.75°	5.5	5.8	6.1	6.1	6.2	6.5	6.8	7.2	7.6	7.9	8.2
17.5°	5.5	5.9	6.1	6.1	6.2	6.5	6.9	7.2	7.6	8.0	8.3
16.25°	5.5	5.9	6.1	6.1	6.2	6.6	6.9	7.3	7.7	8.0	8.3
15°	5.5	5.9	6.1	6.1	6.3	6.6	7.0	7.3	7.7	8.0	8.3
13.75°	5.6	6.0	6.1	6.1	6.3	6.6	7.0	7.4	7.7	8.1	8.3
12.5°	5.6	6.0	6.1	6.1	6.3	6.7	7.0	7.4	7.8	8.1	8.3
11.25°	5.6	6.0	6.1	6.1	6.3	6.7	7.1	7.5	7.8	8.2	8.3
10°	5.6	6.0	6.1	6.1	6.4	6.7	7.1	7.5	7.8	8.2	8.3
8.75°	5.6	6.0	6.1	6.1	6.4	6.7	7.1	7.5	7.9	8.2	8.3
7.5°	5.7	6.1	6.1	6.1	6.4	6.8	7.1	7.5	7.9	8.2	8.3
6.25°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
5°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
3.75°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
2.5°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
1.25°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
0°	5.7	6.1	6.1	6.1	6.5	6.8	7.2	7.6	8.0	8.3	8.3
-1.25°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
-2.5°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
-3.75°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
-5°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
-6.25°	5.7	6.1	6.1	6.1	6.4	6.8	7.2	7.6	7.9	8.3	8.3
-7.5°	5.7	6.1	6.1	6.1	6.4	6.8	7.1	7.5	7.9	8.2	8.3
-8.75°	5.6	6.0	6.1	6.1	6.4	6.7	7.1	7.5	7.9	8.2	8.3
-10°	5.6	6.0	6.1	6.1	6.4	6.7	7.1	7.5	7.8	8.2	8.3
-11.25°	5.6	6.0	6.1	6.1	6.3	6.7	7.1	7.5	7.8	8.2	8.3
-12.5°	5.6	6.0	6.1	6.1	6.3	6.7	7.0	7.4	7.8	8.1	8.3
-13.75°	5.6	6.0	6.1	6.1	6.3	6.6	7.0	7.4	7.7	8.1	8.3
-15°	5.5	5.9	6.1	6.1	6.3	6.6	7.0	7.3	7.7	8.0	8.3
-16.25°	5.5	5.9	6.1	6.1	6.2	6.6	6.9	7.3	7.7	8.0	8.3
-17.5°	5.5	5.9	6.1	6.1	6.2	6.5	6.9	7.2	7.6	8.0	8.3
-18.75°	5.5	5.8	6.1	6.1	6.2	6.5	6.8	7.2	7.6	7.9	8.2
-20°	5.4	5.8	6.1	6.1	6.1	6.4	6.8	7.1	7.5	7.9	8.2
-21.25°	5.4	5.8	6.1	6.1	6.1	6.4	6.7	7.1	7.5	7.8	8.1



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	5.4	5.7	6.1	6.1	6.1	6.4	6.7	7.0	7.4	7.7	8.1
-23.75°	5.3	5.7	6.0	6.1	6.1	6.3	6.6	7.0	7.3	7.7	8.0
-25°	5.3	5.6	6.0	6.1	6.1	6.3	6.6	6.9	7.3	7.6	7.9
-26.25°	5.2	5.6	6.0	6.1	6.1	6.2	6.5	6.8	7.2	7.5	7.8
-27.5°	5.1	5.5	5.9	6.1	6.1	6.1	6.5	6.8	7.1	7.4	7.8
-28.75°	5.0	5.5	5.8	6.1	6.1	6.1	6.4	6.7	7.0	7.4	7.7
-30°	4.9	5.4	5.8	6.1	6.1	6.1	6.3	6.6	6.9	7.3	7.6
-31.25°	4.8	5.4	5.7	6.1	6.1	6.1	6.3	6.5	6.8	7.2	7.5
-32.5°	4.7	5.3	5.7	6.0	6.1	6.1	6.2	6.5	6.8	7.1	7.4
-33.75°	4.6	5.3	5.6	5.9	6.1	6.1	6.1	6.4	6.7	7.0	7.3
-35°	4.5	5.1	5.5	5.9	6.1	6.1	6.1	6.3	6.6	6.9	7.2
-36.25°	4.4	5.0	5.5	5.8	6.1	6.1	6.1	6.2	6.5	6.8	7.1
-37.5°	4.3	4.9	5.4	5.7	6.0	6.1	6.1	6.1	6.4	6.7	7.0
-38.75°	4.2	4.8	5.3	5.6	5.9	6.1	6.1	6.1	6.3	6.6	6.9
-40°	4.1	4.7	5.2	5.6	5.9	6.1	6.1	6.1	6.2	6.5	6.7
-41.25°	4.0	4.5	5.1	5.5	5.8	6.1	6.1	6.1	6.1	6.4	6.6
-42.5°	3.9	4.4	4.9	5.4	5.7	6.0	6.1	6.1	6.1	6.3	6.5
-43.75°	3.8	4.3	4.8	5.3	5.6	5.9	6.1	6.1	6.1	6.2	6.4
-45°	3.7	4.1	4.6	5.2	5.5	5.8	6.1	6.1	6.1	6.1	6.3
-46.25°	3.6	4.0	4.5	5.0	5.4	5.7	5.9	6.1	6.1	6.1	6.2
-47.5°	3.6	3.8	4.3	4.8	5.3	5.6	5.8	6.1	6.1	6.1	6.1
-48.75°	3.5	3.7	4.2	4.7	5.1	5.5	5.7	6.0	6.1	6.1	6.1
-50°	3.4	3.7	4.0	4.5	5.0	5.4	5.6	5.9	6.1	6.1	6.1
-51.25°	3.3	3.6	3.9	4.3	4.8	5.2	5.5	5.7	6.0	6.1	6.1
-52.5°	3.3	3.5	3.7	4.1	4.6	5.0	5.4	5.6	5.8	6.1	6.1
-53.75°	3.2	3.4	3.6	3.9	4.4	4.8	5.2	5.5	5.7	5.9	6.1
-55°	3.1	3.3	3.6	3.8	4.2	4.6	5.0	5.4	5.6	5.8	6.0
-56.25°	3.0	3.2	3.5	3.7	4.0	4.4	4.8	5.2	5.4	5.6	5.9
-57.5°	3.0	3.2	3.4	3.6	3.8	4.2	4.5	4.9	5.3	5.5	5.7
-58.75°	2.9	3.1	3.3	3.5	3.7	3.9	4.3	4.7	5.0	5.4	5.5
-60°	2.8	3.0	3.2	3.4	3.6	3.8	4.1	4.4	4.8	5.1	5.4
-61.25°	2.7	2.9	3.1	3.3	3.4	3.6	3.8	4.2	4.5	4.8	5.2
-62.5°	2.7	2.8	3.0	3.2	3.3	3.5	3.7	3.9	4.2	4.6	4.9
-63.75°	2.6	2.7	2.9	3.0	3.2	3.4	3.6	3.7	4.0	4.3	4.6
-65°	2.5	2.7	2.8	2.9	3.1	3.3	3.4	3.6	3.7	4.0	4.3
-66.25°	2.4	2.6	2.7	2.8	3.0	3.1	3.3	3.4	3.6	3.7	4.0
-67.5°	2.4	2.5	2.6	2.8	2.9	3.0	3.2	3.3	3.4	3.6	3.7
-68.75°	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.6
-70°	2.1	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.1	3.3	3.4
-71.25°	1.9	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
-72.5°	1.8	2.0	2.2	2.4	2.5	2.6	2.7	2.8	2.8	2.9	3.0
-73.75°	1.6	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-75°	1.4	1.6	1.8	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.7
-76.25°	1.2	1.4	1.6	1.8	1.9	2.1	2.3	2.4	2.4	2.5	2.6
-77.5°	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.2	2.3	2.4	2.4



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1	2.3
-80°	0.8	0.8	1.0	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9
-81.25°	0.7	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
-82.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3
-83.75°	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0
-85°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
-86.25°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-87.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
85°	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2
83.75°	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
82.5°	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
81.25°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.4	2.5
80°	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.7
78.75°	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9
77.5°	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.2
76.25°	2.7	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3	3.4
75°	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7
73.75°	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.9	4.0
72.5°	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.1	4.3	4.5
71.25°	3.3	3.4	3.6	3.7	3.8	4.0	4.2	4.4	4.6	4.8	5.0
70°	3.5	3.6	3.8	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4
68.75°	3.7	3.8	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.5	5.6
67.5°	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.5	5.6	5.7	5.9
66.25°	4.2	4.5	4.8	5.0	5.3	5.4	5.6	5.7	5.8	6.0	6.1
65°	4.6	4.8	5.1	5.4	5.5	5.6	5.8	5.9	6.1	6.1	6.1
63.75°	4.9	5.2	5.4	5.5	5.7	5.9	6.0	6.1	6.1	6.1	6.1
62.5°	5.2	5.4	5.6	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1
61.25°	5.4	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.2
60°	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4
58.75°	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.7
57.5°	5.9	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.7	6.9
56.25°	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.7	6.9	7.1
55°	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.8	6.9	7.1	7.3
53.75°	6.1	6.1	6.1	6.2	6.4	6.6	6.8	6.9	7.2	7.4	7.5
52.5°	6.1	6.1	6.2	6.4	6.5	6.7	6.9	7.2	7.4	7.6	7.7
51.25°	6.1	6.1	6.3	6.5	6.7	6.9	7.1	7.4	7.6	7.8	7.9
50°	6.1	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1
48.75°	6.2	6.4	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.1	8.3
47.5°	6.3	6.5	6.7	7.0	7.2	7.5	7.7	7.9	8.1	8.3	8.3
46.25°	6.4	6.6	6.9	7.1	7.4	7.6	7.8	8.1	8.3	8.3	8.3
45°	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.3	8.3	8.3
43.75°	6.7	6.9	7.2	7.4	7.7	7.9	8.2	8.3	8.3	8.3	8.4
42.5°	6.8	7.0	7.3	7.6	7.8	8.1	8.3	8.3	8.3	8.3	8.6
41.25°	6.9	7.2	7.5	7.7	8.0	8.2	8.3	8.3	8.3	8.5	8.7
40°	7.0	7.3	7.6	7.9	8.1	8.3	8.3	8.3	8.4	8.7	8.9
38.75°	7.2	7.5	7.7	8.0	8.2	8.3	8.3	8.3	8.6	8.9	9.1
37.5°	7.3	7.6	7.8	8.1	8.3	8.3	8.3	8.5	8.7	9.0	9.3
36.25°	7.4	7.7	8.0	8.2	8.3	8.3	8.3	8.6	8.9	9.2	9.4
35°	7.5	7.8	8.1	8.3	8.3	8.3	8.5	8.8	9.1	9.3	9.6



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	7.6	7.9	8.2	8.3	8.3	8.3	8.6	8.9	9.2	9.5	9.7
32.5°	7.7	8.0	8.3	8.3	8.3	8.4	8.8	9.1	9.3	9.6	9.9
31.25°	7.8	8.1	8.3	8.3	8.3	8.6	8.9	9.2	9.5	9.8	10.1
30°	7.9	8.2	8.3	8.3	8.4	8.7	9.0	9.3	9.6	9.9	10.2
28.75°	8.0	8.3	8.3	8.3	8.5	8.8	9.2	9.4	9.7	10.1	10.4
27.5°	8.1	8.3	8.3	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5
26.25°	8.2	8.3	8.3	8.4	8.7	9.1	9.4	9.7	10.0	10.3	10.7
25°	8.2	8.3	8.3	8.5	8.8	9.2	9.5	9.8	10.1	10.5	10.8
23.75°	8.3	8.3	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.6	10.9
22.5°	8.3	8.3	8.3	8.7	9.0	9.3	9.7	10.0	10.4	10.7	11.1
21.25°	8.3	8.3	8.4	8.8	9.1	9.4	9.7	10.1	10.5	10.8	11.2
20°	8.3	8.3	8.5	8.8	9.2	9.5	9.8	10.2	10.6	10.9	11.3
18.75°	8.3	8.3	8.5	8.9	9.3	9.6	9.9	10.3	10.7	11.0	11.4
17.5°	8.3	8.3	8.6	9.0	9.3	9.7	10.0	10.4	10.8	11.1	12.9
16.25°	8.3	8.3	8.7	9.1	9.4	9.7	10.1	10.5	10.8	11.2	14.3
15°	8.3	8.4	8.7	9.1	9.5	9.8	10.2	10.5	10.9	11.3	15.7
13.75°	8.3	8.4	8.8	9.2	9.5	9.9	10.2	10.6	11.0	11.4	16.9
12.5°	8.3	8.5	8.9	9.2	9.6	9.9	10.3	10.7	11.1	12.2	18.0
11.25°	8.3	8.5	8.9	9.3	9.6	10.0	10.4	10.7	11.1	13.2	19.1
10°	8.3	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	14.1	20.0
8.75°	8.3	8.6	9.0	9.3	9.7	10.1	10.5	10.8	11.2	14.9	20.8
7.5°	8.3	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	15.6	21.5
6.25°	8.3	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	16.1	22.1
5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	10.9	11.3	16.6	22.6
3.75°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	17.0	23.0
2.5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	17.2	23.3
1.25°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	17.4	23.4
0°	8.3	8.7	9.1	9.5	9.8	10.2	10.6	11.0	11.4	17.5	23.5
-1.25°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	17.4	23.4
-2.5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	17.2	23.3
-3.75°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	11.0	11.4	17.2	23.3
-5°	8.3	8.7	9.1	9.4	9.8	10.2	10.6	10.9	11.3	16.6	22.6
-6.25°	8.3	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	16.1	22.1
-7.5°	8.3	8.6	9.0	9.4	9.7	10.1	10.5	10.9	11.3	15.6	21.5
-8.75°	8.3	8.6	9.0	9.3	9.7	10.1	10.5	10.8	11.2	14.9	20.8
-10°	8.3	8.5	8.9	9.3	9.6	10.0	10.4	10.8	11.2	14.1	20.0
-11.25°	8.3	8.5	8.9	9.3	9.6	10.0	10.4	10.7	11.1	13.2	19.1
-12.5°	8.3	8.5	8.9	9.2	9.6	9.9	10.3	10.7	11.1	12.2	18.0
-13.75°	8.3	8.4	8.8	9.2	9.5	9.9	10.2	10.6	11.0	11.4	16.9
-15°	8.3	8.4	8.7	9.1	9.5	9.8	10.2	10.5	10.9	11.3	15.7
-16.25°	8.3	8.3	8.7	9.1	9.4	9.7	10.1	10.5	10.8	11.2	14.3
-17.5°	8.3	8.3	8.6	9.0	9.3	9.7	10.0	10.4	10.8	11.1	12.9
-18.75°	8.3	8.3	8.5	8.9	9.3	9.6	9.9	10.3	10.7	11.0	11.4
-20°	8.3	8.3	8.5	8.8	9.2	9.5	9.8	10.2	10.6	10.9	11.3
-21.25°	8.3	8.3	8.4	8.8	9.1	9.4	9.7	10.1	10.5	10.8	11.2



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	8.3	8.3	8.3	8.7	9.0	9.3	9.7	10.0	10.4	10.7	11.1
-23.75°	8.3	8.3	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.6	10.9
-25°	8.2	8.3	8.3	8.5	8.8	9.2	9.5	9.8	10.1	10.5	10.8
-26.25°	8.2	8.3	8.3	8.4	8.7	9.1	9.4	9.7	10.0	10.3	10.7
-27.5°	8.1	8.3	8.3	8.3	8.6	8.9	9.3	9.6	9.9	10.2	10.5
-28.75°	8.0	8.3	8.3	8.3	8.5	8.8	9.2	9.4	9.7	10.1	10.4
-30°	7.9	8.2	8.3	8.3	8.4	8.7	9.0	9.3	9.6	9.9	10.2
-31.25°	7.8	8.1	8.3	8.3	8.3	8.6	8.9	9.2	9.5	9.8	10.1
-32.5°	7.7	8.0	8.3	8.3	8.3	8.4	8.8	9.1	9.3	9.6	9.9
-33.75°	7.6	7.9	8.2	8.3	8.3	8.3	8.6	8.9	9.2	9.5	9.7
-35°	7.5	7.8	8.1	8.3	8.3	8.3	8.5	8.8	9.1	9.3	9.6
-36.25°	7.4	7.7	8.0	8.2	8.3	8.3	8.3	8.6	8.9	9.2	9.4
-37.5°	7.3	7.6	7.8	8.1	8.3	8.3	8.3	8.5	8.7	9.0	9.3
-38.75°	7.2	7.5	7.7	8.0	8.2	8.3	8.3	8.3	8.6	8.9	9.1
-40°	7.0	7.3	7.6	7.9	8.1	8.3	8.3	8.3	8.4	8.7	8.9
-41.25°	6.9	7.2	7.5	7.7	8.0	8.2	8.3	8.3	8.3	8.5	8.7
-42.5°	6.8	7.0	7.3	7.6	7.8	8.1	8.3	8.3	8.3	8.3	8.6
-43.75°	6.7	6.9	7.2	7.4	7.7	7.9	8.2	8.3	8.3	8.3	8.4
-45°	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.2	8.3	8.3	8.3
-46.25°	6.4	6.6	6.9	7.1	7.4	7.6	7.8	8.1	8.3	8.3	8.3
-47.5°	6.3	6.5	6.7	7.0	7.2	7.5	7.7	7.9	8.1	8.3	8.3
-48.75°	6.2	6.4	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.1	8.3
-50°	6.1	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1
-51.25°	6.1	6.1	6.3	6.5	6.7	6.9	7.1	7.4	7.6	7.8	7.9
-52.5°	6.1	6.1	6.2	6.4	6.5	6.7	6.9	7.2	7.4	7.6	7.7
-53.75°	6.1	6.1	6.1	6.2	6.4	6.6	6.8	6.9	7.2	7.4	7.5
-55°	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.8	6.9	7.1	7.3
-56.25°	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.6	6.7	6.9	7.1
-57.5°	5.9	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.7	6.9
-58.75°	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.7
-60°	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4
-61.25°	5.4	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.2
-62.5°	5.2	5.4	5.6	5.7	5.9	6.1	6.1	6.1	6.1	6.1	6.1
-63.75°	4.9	5.2	5.4	5.5	5.7	5.9	6.0	6.1	6.1	6.1	6.1
-65°	4.6	4.8	5.1	5.4	5.5	5.6	5.8	5.9	6.1	6.1	6.1
-66.25°	4.2	4.5	4.8	5.0	5.3	5.4	5.6	5.7	5.8	6.0	6.1
-67.5°	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.5	5.6	5.7	5.9
-68.75°	3.7	3.8	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.5	5.6
-70°	3.5	3.6	3.8	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4
-71.25°	3.3	3.4	3.6	3.7	3.8	4.0	4.2	4.4	4.6	4.8	5.0
-72.5°	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.1	4.3	4.5
-73.75°	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.9	4.0
-75°	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7
-76.25°	2.7	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3	3.4
-77.5°	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.2



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	2.3	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	2.9
-80°	2.1	2.2	2.3	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.7
-81.25°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.4	2.5
-82.5°	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2
-83.75°	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7
-85°	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2
-86.25°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
-87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
-88.75°	0.2	0.2	0.2	0.2	0.2	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: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7
83.75°	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3	2.3
82.5°	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6
81.25°	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
80°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
78.75°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.4	3.5
77.5°	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8
76.25°	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
75°	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.0
73.75°	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.3	5.4	5.5
72.5°	4.7	4.8	5.0	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8
71.25°	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1
70°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.1
68.75°	5.7	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
67.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5
65°	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8
63.75°	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.1
62.5°	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3	7.4
61.25°	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.5	7.6	7.7
60°	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.8	8.0
58.75°	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.9	8.0	8.1	8.2
57.5°	7.0	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.3	8.3
56.25°	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.3	8.3	8.3	8.3
55°	7.5	7.7	7.8	8.0	8.2	8.3	8.3	8.3	8.3	8.3	8.3
53.75°	7.7	7.9	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.5	8.6
52.5°	7.9	8.1	8.3	8.3	8.3	8.3	8.3	8.4	8.6	8.7	8.9
51.25°	8.1	8.3	8.3	8.3	8.3	8.3	8.5	8.7	8.9	9.0	9.2
50°	8.3	8.3	8.3	8.3	8.4	8.6	8.7	8.9	9.1	9.3	9.4
48.75°	8.3	8.3	8.3	8.4	8.6	8.8	9.0	9.2	9.4	9.5	9.7
47.5°	8.3	8.3	8.4	8.6	8.8	9.1	9.2	9.4	9.6	9.8	10.0
46.25°	8.3	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.2
45°	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5
43.75°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.8
42.5°	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.9	11.1
41.25°	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.3
40°	9.2	9.4	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.4	14.6
38.75°	9.4	9.6	9.8	10.1	10.4	10.6	10.9	11.1	11.4	14.9	18.5
37.5°	9.5	9.8	10.0	10.3	10.6	10.9	11.1	11.4	14.9	18.7	22.4
36.25°	9.7	10.0	10.2	10.5	10.8	11.1	11.3	14.6	18.5	22.4	29.7
35°	9.9	10.2	10.4	10.7	11.0	11.3	13.9	18.0	22.1	29.3	38.1



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	10.0	10.3	10.6	10.9	11.2	12.9	17.2	21.4	28.1	37.4	46.4
32.5°	10.2	10.5	10.8	11.1	11.6	16.0	20.4	26.2	35.8	45.2	55.1
31.25°	10.4	10.7	11.0	11.3	14.5	19.0	23.5	33.4	43.3	53.3	64.2
30°	10.5	10.9	11.2	12.7	17.3	22.0	30.3	40.5	50.5	61.9	73.1
28.75°	10.7	11.0	11.3	15.3	20.1	26.4	36.9	47.3	58.6	70.2	81.7
27.5°	10.9	11.2	13.0	17.9	22.8	32.7	43.4	54.5	66.5	78.4	89.5
26.25°	11.0	11.3	15.4	20.4	27.6	38.7	49.6	61.9	74.1	85.9	97.1
25°	11.1	12.6	17.7	22.8	33.2	44.5	56.3	69.0	81.5	93.0	104.4
23.75°	11.3	14.8	20.0	27.1	38.6	50.1	63.0	75.8	88.1	99.8	111.6
22.5°	11.5	16.8	22.1	32.1	43.8	56.1	69.3	82.4	94.4	106.4	119.4
21.25°	13.4	18.8	24.9	36.8	48.7	62.0	75.4	88.2	100.5	113.0	127.0
20°	15.2	20.6	29.2	41.4	53.8	67.5	81.2	93.8	106.3	120.0	134.2
18.75°	16.9	22.4	33.4	45.6	58.9	72.8	86.3	99.1	112.0	126.6	141.1
17.5°	18.5	24.7	37.2	49.7	63.7	77.8	91.1	104.1	118.0	132.8	148.7
16.25°	20.0	28.2	40.9	53.9	68.2	82.5	95.7	108.8	123.7	138.7	156.6
15°	21.4	31.5	44.3	57.9	72.4	86.5	99.9	113.6	129.0	144.3	164.0
13.75°	22.7	34.5	47.4	61.7	76.3	90.3	103.8	118.3	133.9	151.0	171.0
12.5°	24.3	37.3	50.3	65.1	79.9	93.8	107.4	122.7	138.4	157.1	177.4
11.25°	26.7	39.8	53.3	68.2	83.1	96.9	110.7	126.7	142.5	162.7	183.2
10°	28.8	42.1	56.0	71.1	85.8	99.8	114.2	130.2	147.0	167.7	188.7
8.75°	30.8	44.1	58.4	73.6	88.2	102.3	117.2	133.4	151.3	172.2	194.2
7.5°	32.4	45.8	60.4	75.7	90.3	104.5	119.8	136.2	155.0	176.1	199.0
6.25°	33.9	47.3	62.2	77.6	92.1	106.3	122.1	138.5	158.2	179.5	203.1
5°	35.0	48.5	63.7	79.1	93.6	107.9	123.9	140.4	160.8	182.2	206.4
3.75°	35.9	49.5	64.8	80.3	94.7	109.1	125.4	142.0	162.9	184.3	209.1
2.5°	36.6	50.2	65.6	81.1	95.5	109.9	126.4	143.0	164.3	185.9	210.9
1.25°	37.0	50.6	66.1	81.6	96.0	110.4	127.0	143.7	165.2	186.8	212.1
0°	37.1	50.7	66.2	81.8	96.2	110.6	127.3	143.9	165.5	187.1	212.5
-1.25°	37.0	50.6	66.1	81.6	96.0	110.4	127.0	143.7	165.2	186.8	212.1
-2.5°	36.6	50.2	65.6	81.1	95.5	109.9	126.4	143.0	164.3	185.9	210.9
-3.75°	35.9	49.5	64.8	80.3	94.7	109.1	125.4	142.0	162.9	184.3	209.1
-5°	35.0	48.5	63.7	79.1	93.6	107.9	123.9	140.4	160.8	182.2	206.4
-6.25°	33.9	47.3	62.2	77.6	92.1	106.3	122.1	138.5	158.2	179.5	203.1
-7.5°	32.4	45.8	60.4	75.7	90.3	104.5	119.8	136.2	155.0	176.1	199.0
-8.75°	30.8	44.1	58.4	73.6	88.2	102.3	117.2	133.4	151.3	172.2	194.2
-10°	28.8	42.1	56.0	71.1	85.8	99.8	114.2	130.2	147.0	167.7	188.7
-11.25°	26.7	39.8	53.3	68.2	83.1	96.9	110.7	126.7	142.5	162.7	183.2
-12.5°	24.3	37.3	50.3	65.1	79.9	93.8	107.4	122.7	138.4	157.1	177.4
-13.75°	22.7	34.5	47.4	61.7	76.3	90.3	103.8	118.3	133.9	151.0	171.0
-15°	21.4	31.5	44.3	57.9	72.4	86.5	99.9	113.6	129.0	144.3	164.0
-16.25°	20.0	28.2	40.9	53.9	68.2	82.5	95.7	108.8	123.7	138.7	156.6
-17.5°	18.5	24.7	37.2	49.7	63.7	77.8	91.1	104.1	118.0	132.8	148.7
-18.75°	16.9	22.4	33.4	45.6	58.9	72.8	86.3	99.1	112.0	126.6	141.1
-20°	15.2	20.6	29.2	41.4	53.8	67.5	81.2	93.8	106.3	120.0	134.2
-21.25°	13.4	18.8	24.9	36.8	48.7	62.0	75.4	88.2	100.5	113.0	127.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	11.5	16.8	22.1	32.1	43.8	56.1	69.3	82.4	94.4	106.4	119.4
-23.75°	11.3	14.8	20.0	27.1	38.6	50.1	63.0	75.8	88.1	99.8	111.6
-25°	11.1	12.6	17.7	22.8	33.2	44.5	56.3	69.0	81.5	93.0	104.4
-26.25°	11.0	11.3	15.4	20.4	27.6	38.7	49.6	61.9	74.1	85.9	97.1
-27.5°	10.9	11.2	13.0	17.9	22.8	32.7	43.4	54.5	66.5	78.4	89.5
-28.75°	10.7	11.0	11.3	15.3	20.1	26.4	36.9	47.3	58.6	70.2	81.7
-30°	10.5	10.9	11.2	12.7	17.3	22.0	30.3	40.5	50.5	61.9	73.1
-31.25°	10.4	10.7	11.0	11.3	14.5	19.0	23.5	33.4	43.3	53.3	64.2
-32.5°	10.2	10.5	10.8	11.1	11.6	16.0	20.4	26.2	35.8	45.2	55.1
-33.75°	10.0	10.3	10.6	10.9	11.2	12.9	17.2	21.4	28.1	37.4	46.4
-35°	9.9	10.2	10.4	10.7	11.0	11.3	13.9	18.0	22.1	29.3	38.1
-36.25°	9.7	10.0	10.2	10.5	10.8	11.1	11.3	14.6	18.5	22.4	29.7
-37.5°	9.5	9.8	10.0	10.3	10.6	10.9	11.1	11.4	14.9	18.7	22.4
-38.75°	9.4	9.6	9.8	10.1	10.4	10.6	10.9	11.1	11.4	14.9	18.5
-40°	9.2	9.4	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.4	14.6
-41.25°	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.7	10.9	11.1	11.3
-42.5°	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.9	11.1
-43.75°	8.6	8.8	9.1	9.3	9.5	9.7	9.9	10.2	10.4	10.6	10.8
-45°	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5
-46.25°	8.3	8.4	8.6	8.9	9.1	9.3	9.5	9.7	9.8	10.0	10.2
-47.5°	8.3	8.3	8.4	8.6	8.8	9.1	9.2	9.4	9.6	9.8	10.0
-48.75°	8.3	8.3	8.3	8.4	8.6	8.8	9.0	9.2	9.4	9.5	9.7
-50°	8.3	8.3	8.3	8.3	8.4	8.6	8.7	8.9	9.1	9.3	9.4
-51.25°	8.1	8.3	8.3	8.3	8.3	8.3	8.5	8.7	8.9	9.0	9.2
-52.5°	7.9	8.1	8.3	8.3	8.3	8.3	8.3	8.4	8.6	8.7	8.9
-53.75°	7.7	7.9	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.5	8.6
-55°	7.5	7.7	7.8	8.0	8.2	8.3	8.3	8.3	8.3	8.3	8.3
-56.25°	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.3	8.3	8.3	8.3
-57.5°	7.0	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.3	8.3
-58.75°	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.9	8.0	8.1	8.2
-60°	6.6	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.8	8.0
-61.25°	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.5	7.6	7.7
-62.5°	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3	7.4
-63.75°	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.1
-65°	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8
-66.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5
-67.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
-68.75°	5.7	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-70°	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.1	6.1	6.1	6.1
-71.25°	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1
-72.5°	4.7	4.8	5.0	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.8
-73.75°	4.2	4.3	4.5	4.6	4.8	4.9	5.1	5.2	5.3	5.4	5.5
-75°	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8	4.9	5.0
-76.25°	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
-77.5°	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.8	3.8



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	3.0	3.0	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.4	3.5
-80°	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
-81.25°	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
-82.5°	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6
-83.75°	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3	2.3
-85°	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7
-86.25°	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
-87.5°	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4
85°	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
83.75°	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5
82.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
81.25°	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2
80°	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6
78.75°	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9	4.0	4.0
77.5°	3.9	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.7
76.25°	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.4
75°	5.1	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7
73.75°	5.5	5.6	5.7	5.7	5.8	5.8	5.9	6.0	6.0	6.0	6.1
72.5°	5.9	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
71.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.3	6.4
68.75°	6.1	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7
67.5°	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.0
66.25°	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4
65°	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7
63.75°	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0	8.1
62.5°	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.3
61.25°	7.8	7.9	8.0	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3
60°	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
58.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.7
57.5°	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
56.25°	8.3	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.3
55°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7
53.75°	8.8	8.9	9.1	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0
52.5°	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.4
51.25°	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7
50°	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.1
48.75°	9.9	10.0	10.2	10.4	10.5	10.7	10.9	11.0	11.1	11.3	11.5
47.5°	10.2	10.3	10.5	10.7	10.9	11.0	11.2	11.3	12.6	14.8	16.8
46.25°	10.4	10.6	10.8	11.0	11.2	11.3	13.0	15.4	17.7	20.0	22.1
45°	10.7	10.9	11.1	11.3	12.7	15.3	17.9	20.4	22.8	27.1	32.1
43.75°	11.0	11.2	11.6	14.5	17.3	20.1	22.8	27.6	33.2	38.6	43.8
42.5°	11.3	12.9	16.0	19.0	22.0	26.4	32.7	38.7	44.5	50.1	56.1
41.25°	13.9	17.2	20.4	23.5	30.3	36.9	43.4	49.6	56.3	63.0	69.3
40°	18.0	21.4	26.2	33.4	40.5	47.3	54.5	61.9	69.0	75.8	82.4
38.75°	22.1	28.1	35.8	43.3	50.5	58.6	66.5	74.1	81.5	88.1	94.4
37.5°	29.3	37.4	45.2	53.3	61.9	70.2	78.4	85.9	93.0	99.8	106.4
36.25°	38.1	46.4	55.1	64.2	73.1	81.7	89.5	97.1	104.4	111.6	119.4
35°	46.8	56.0	65.6	75.0	84.0	92.2	100.3	108.1	116.4	124.9	133.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	56.0	66.1	75.9	85.3	94.0	102.5	110.9	120.2	129.3	138.0	147.2
32.5°	65.6	75.9	85.7	94.9	103.9	113.0	122.9	132.6	141.9	153.1	164.4
31.25°	75.0	85.3	94.9	104.4	114.1	124.6	134.8	145.0	157.5	169.7	181.4
30°	84.0	94.0	103.9	114.1	125.1	135.9	147.2	160.5	173.5	186.0	200.1
28.75°	92.2	102.5	113.0	124.6	135.9	147.9	162.0	175.7	189.5	204.7	219.4
27.5°	100.3	110.9	122.9	134.8	147.2	162.0	176.5	191.3	207.5	223.2	238.6
26.25°	108.1	120.2	132.6	145.0	160.5	175.7	191.3	208.4	225.1	241.9	259.8
25°	116.4	129.3	141.9	157.5	173.5	189.5	207.5	225.1	243.0	262.1	280.6
23.75°	124.9	138.0	153.1	169.7	186.0	204.7	223.2	241.9	262.1	281.8	301.7
22.5°	133.0	147.2	164.4	181.4	200.1	219.4	238.6	259.8	280.6	301.7	324.1
21.25°	140.8	157.7	175.3	193.7	213.8	233.7	255.3	277.2	299.0	322.7	345.8
20°	149.6	167.8	185.8	206.4	227.0	248.7	271.5	293.9	318.6	343.0	367.2
18.75°	158.9	177.4	197.2	218.6	239.9	263.6	287.0	311.9	337.5	362.7	388.6
17.5°	167.6	186.5	208.4	230.1	253.6	277.8	302.6	329.2	355.5	382.4	412.0
16.25°	175.9	196.5	218.9	241.5	266.5	291.3	318.4	345.8	373.3	403.1	431.6
15°	183.7	206.0	228.7	253.2	278.7	305.1	333.4	361.4	390.8	422.6	448.7
13.75°	191.5	214.8	238.0	264.1	290.0	318.5	347.4	376.7	409.0	438.4	463.8
12.5°	199.4	223.0	247.6	274.2	301.3	330.9	360.4	391.5	424.8	452.4	477.0
11.25°	206.5	230.4	256.5	283.4	312.2	342.4	372.9	406.4	437.8	464.8	488.8
10°	213.0	237.2	264.5	291.8	322.1	352.7	384.3	419.8	449.2	475.4	499.2
8.75°	218.7	243.9	271.6	299.8	330.9	362.1	395.4	429.9	458.8	484.6	508.6
7.5°	223.7	249.9	277.9	307.2	338.7	370.6	405.6	438.8	467.4	492.6	516.6
6.25°	228.0	254.9	283.2	313.5	345.3	377.8	414.3	446.2	474.0	499.3	523.4
5°	231.5	259.1	287.6	318.6	350.7	383.8	421.1	451.9	479.5	504.9	529.0
3.75°	234.3	262.4	291.0	322.7	355.0	388.6	425.7	456.4	483.7	509.2	533.6
2.5°	236.2	264.7	293.4	325.6	358.0	392.5	429.1	459.6	486.8	512.3	537.0
1.25°	237.4	266.1	294.9	327.4	359.9	394.8	431.1	461.6	488.7	514.1	539.0
0°	237.8	266.6	295.4	328.0	360.5	395.6	431.8	462.2	489.3	514.7	539.7
-1.25°	237.4	266.1	294.9	327.4	359.9	394.8	431.1	461.6	488.7	514.1	539.0
-2.5°	236.2	264.7	293.4	325.6	358.0	392.5	429.1	459.6	486.8	512.3	537.0
-3.75°	234.3	262.4	291.0	322.7	355.0	388.6	425.7	456.4	483.7	509.2	533.6
-5°	231.5	259.1	287.6	318.6	350.7	383.8	421.1	451.9	479.5	504.9	529.0
-6.25°	228.0	254.9	283.2	313.5	345.3	377.8	414.3	446.2	474.0	499.3	523.4
-7.5°	223.7	249.9	277.9	307.2	338.7	370.6	405.6	438.8	467.4	492.6	516.6
-8.75°	218.7	243.9	271.6	299.8	330.9	362.1	395.4	429.9	458.8	484.6	508.6
-10°	213.0	237.2	264.5	291.8	322.1	352.7	384.3	419.8	449.2	475.4	499.2
-11.25°	206.5	230.4	256.5	283.4	312.2	342.4	372.9	406.4	437.8	464.8	488.8
-12.5°	199.4	223.0	247.6	274.2	301.3	330.9	360.4	391.5	424.8	452.4	477.0
-13.75°	191.5	214.8	238.0	264.1	290.0	318.5	347.4	376.7	409.0	438.4	463.8
-15°	183.7	206.0	228.7	253.2	278.7	305.1	333.4	361.4	390.8	422.6	448.7
-16.25°	175.9	196.5	218.9	241.5	266.5	291.3	318.4	345.8	373.3	403.1	431.6
-17.5°	167.6	186.5	208.4	230.1	253.6	277.8	302.6	329.2	355.5	382.4	412.0
-18.75°	158.9	177.4	197.2	218.6	239.9	263.6	287.0	311.9	337.5	362.7	388.6
-20°	149.6	167.8	185.8	206.4	227.0	248.7	271.5	293.9	318.6	343.0	367.2
-21.25°	140.8	157.7	175.3	193.7	213.8	233.7	255.3	277.2	299.0	322.7	345.8



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	133.0	147.2	164.4	181.4	200.1	219.4	238.6	259.8	280.6	301.7	324.1
-23.75°	124.9	138.0	153.1	169.7	186.0	204.7	223.2	241.9	262.1	281.8	301.7
-25°	116.4	129.3	141.9	157.5	173.5	189.5	207.5	225.1	243.0	262.1	280.6
-26.25°	108.1	120.2	132.6	145.0	160.5	175.7	191.3	208.4	225.1	241.9	259.8
-27.5°	100.3	110.9	122.9	134.8	147.2	162.0	176.5	191.3	207.5	223.2	238.6
-28.75°	92.2	102.5	113.0	124.6	135.9	147.9	162.0	175.7	189.5	204.7	219.4
-30°	84.0	94.0	103.9	114.1	125.1	135.9	147.2	160.5	173.5	186.0	200.1
-31.25°	75.0	85.3	94.9	104.4	114.1	124.6	134.8	145.0	157.5	169.7	181.4
-32.5°	65.6	75.9	85.7	94.9	103.9	113.0	122.9	132.6	141.9	153.1	164.4
-33.75°	56.0	66.1	75.9	85.3	94.0	102.5	110.9	120.2	129.3	138.0	147.2
-35°	46.8	56.0	65.6	75.0	84.0	92.2	100.3	108.1	116.4	124.9	133.0
-36.25°	38.1	46.4	55.1	64.2	73.1	81.7	89.5	97.1	104.4	111.6	119.4
-37.5°	29.3	37.4	45.2	53.3	61.9	70.2	78.4	85.9	93.0	99.8	106.4
-38.75°	22.1	28.1	35.8	43.3	50.5	58.6	66.5	74.1	81.5	88.1	94.4
-40°	18.0	21.4	26.2	33.4	40.5	47.3	54.5	61.9	69.0	75.8	82.4
-41.25°	13.9	17.2	20.4	23.5	30.3	36.9	43.4	49.6	56.3	63.0	69.3
-42.5°	11.3	12.9	16.0	19.0	22.0	26.4	32.7	38.7	44.5	50.1	56.1
-43.75°	11.0	11.2	11.6	14.5	17.3	20.1	22.8	27.6	33.2	38.6	43.8
-45°	10.7	10.9	11.1	11.3	12.7	15.3	17.9	20.4	22.8	27.1	32.1
-46.25°	10.4	10.6	10.8	11.0	11.2	11.3	13.0	15.4	17.7	20.0	22.1
-47.5°	10.2	10.3	10.5	10.7	10.9	11.0	11.2	11.3	12.6	14.8	16.8
-48.75°	9.9	10.0	10.2	10.4	10.5	10.7	10.9	11.0	11.1	11.3	11.5
-50°	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8	10.9	11.1
-51.25°	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.7
-52.5°	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.4
-53.75°	8.8	8.9	9.1	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0
-55°	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.5	9.6	9.7
-56.25°	8.3	8.3	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.3	9.3
-57.5°	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
-58.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.6	8.7
-60°	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-61.25°	7.8	7.9	8.0	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.3
-62.5°	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.3
-63.75°	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0	8.1
-65°	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7
-66.25°	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4
-67.5°	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.0
-68.75°	6.1	6.1	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6	6.7
-70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.3	6.3	6.4
-71.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-72.5°	5.9	5.9	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-73.75°	5.5	5.6	5.7	5.7	5.8	5.8	5.9	6.0	6.0	6.0	6.1
-75°	5.1	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7
-76.25°	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.4
-77.5°	3.9	4.0	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.7



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9	4.0	4.0
-80°	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6
-81.25°	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2
-82.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
-83.75°	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5
-85°	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
-86.25°	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3
83.75°	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0
81.25°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4
80°	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8
78.75°	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5
77.5°	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2
76.25°	5.4	5.4	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6
75°	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0
73.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
71.25°	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.4	6.4
70°	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7
68.75°	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1
67.5°	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5
66.25°	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8	7.9
65°	7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.2
63.75°	8.1	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
62.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
61.25°	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.5	8.5	8.5	8.6
60°	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	8.9	9.0
58.75°	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.3
57.5°	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.6	9.7
56.25°	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0	10.1
55°	9.7	9.8	9.9	10.0	10.1	10.2	10.2	10.3	10.4	10.4	10.5
53.75°	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8
52.5°	10.5	10.6	10.7	10.8	10.8	10.9	11.0	11.1	11.1	11.2	11.2
51.25°	10.8	10.9	11.0	11.1	11.2	11.3	11.4	12.2	13.2	14.1	14.9
50°	11.2	11.3	11.4	12.9	14.3	15.7	16.9	18.0	19.1	20.0	20.8
48.75°	13.4	15.2	16.9	18.5	20.0	21.4	22.7	24.3	26.7	28.8	30.8
47.5°	18.8	20.6	22.4	24.7	28.2	31.5	34.5	37.3	39.8	42.1	44.1
46.25°	24.9	29.2	33.4	37.2	40.9	44.3	47.4	50.3	53.3	56.0	58.4
45°	36.8	41.4	45.6	49.7	53.9	57.9	61.7	65.1	68.2	71.1	73.6
43.75°	48.7	53.8	58.9	63.7	68.2	72.4	76.3	79.9	83.1	85.8	88.2
42.5°	62.0	67.5	72.8	77.8	82.5	86.5	90.3	93.8	96.9	99.8	102.3
41.25°	75.4	81.2	86.3	91.1	95.7	99.9	103.8	107.4	110.7	114.2	117.2
40°	88.2	93.8	99.1	104.1	108.8	113.6	118.3	122.7	126.7	130.2	133.4
38.75°	100.5	106.3	112.0	118.0	123.7	129.0	133.9	138.4	142.5	147.0	151.3
37.5°	113.0	120.0	126.6	132.8	138.7	144.3	151.0	157.1	162.7	167.7	172.2
36.25°	127.0	134.2	141.1	148.7	156.6	164.0	171.0	177.4	183.2	188.7	194.2
35°	140.8	149.6	158.9	167.6	175.9	183.7	191.5	199.4	206.5	213.0	218.7



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	157.7	167.8	177.4	186.5	196.5	206.0	214.8	223.0	230.4	237.2	243.9
32.5°	175.3	185.8	197.2	208.4	218.9	228.7	238.0	247.6	256.5	264.5	271.6
31.25°	193.7	206.4	218.6	230.1	241.5	253.2	264.1	274.2	283.4	291.8	299.8
30°	213.8	227.0	239.9	253.6	266.5	278.7	290.0	301.3	312.2	322.1	330.9
28.75°	233.7	248.7	263.6	277.8	291.3	305.1	318.5	330.9	342.4	352.7	362.1
27.5°	255.3	271.5	287.0	302.6	318.4	333.4	347.4	360.4	372.9	384.3	395.4
26.25°	277.2	293.9	311.9	329.2	345.8	361.4	376.7	391.5	406.4	419.8	429.9
25°	299.0	318.6	337.5	355.5	373.3	390.8	409.0	424.8	437.8	449.2	458.8
23.75°	322.7	343.0	362.7	382.4	403.1	422.6	438.4	452.4	464.8	475.4	484.6
22.5°	345.8	367.2	388.6	412.0	431.6	448.7	463.8	477.0	488.8	499.2	508.6
21.25°	368.7	392.2	417.4	437.7	455.9	472.1	486.4	499.4	511.3	521.8	531.4
20°	392.2	419.1	440.8	460.2	477.5	493.1	507.5	520.6	532.8	544.4	555.0
18.75°	417.4	440.8	461.6	480.2	497.1	512.9	527.4	541.5	555.0	567.6	578.5
17.5°	437.7	460.2	480.2	498.5	515.5	531.6	547.4	562.8	576.8	589.3	601.3
16.25°	455.9	477.5	497.1	515.5	533.0	550.4	567.6	583.0	597.6	611.8	625.6
15°	472.1	493.1	512.9	531.6	550.4	569.2	586.0	602.8	619.4	635.5	650.8
13.75°	486.4	507.5	527.4	547.4	567.6	586.0	604.6	623.3	641.8	659.5	676.4
12.5°	499.4	520.6	541.5	562.8	583.0	602.8	623.3	643.9	664.1	683.5	701.4
11.25°	511.3	532.8	555.0	576.8	597.6	619.4	641.8	664.1	685.9	706.5	723.9
10°	521.8	544.4	567.6	589.3	611.8	635.5	659.5	683.5	706.5	726.4	742.1
8.75°	531.4	555.0	578.5	601.3	625.6	650.8	676.4	701.4	723.9	742.1	757.7
7.5°	540.1	564.6	588.0	612.2	638.1	664.7	691.5	716.7	737.9	755.5	771.0
6.25°	547.7	572.8	596.6	622.2	649.3	677.1	704.8	729.5	749.3	766.9	782.6
5°	554.1	579.2	603.9	630.6	658.6	687.5	715.2	738.7	758.5	776.0	792.8
3.75°	559.2	584.2	609.7	637.4	666.3	695.8	723.4	746.0	765.8	783.6	800.4
2.5°	562.8	587.9	614.0	642.4	671.9	701.8	729.2	751.1	770.7	789.2	806.1
1.25°	565.1	590.1	616.8	645.4	675.3	705.5	732.2	754.1	773.8	792.6	809.2
0°	565.8	590.8	617.7	646.5	676.4	706.7	733.2	755.2	774.8	793.8	810.3
-1.25°	565.1	590.1	616.8	645.4	675.3	705.5	732.2	754.1	773.8	792.6	809.2
-2.5°	562.8	587.9	614.0	642.4	671.9	701.8	729.2	751.1	770.7	789.2	806.1
-3.75°	559.2	584.2	609.7	637.4	666.3	695.8	723.4	746.0	765.8	783.6	800.4
-5°	554.1	579.2	603.9	630.6	658.6	687.5	715.2	738.7	758.5	776.0	792.8
-6.25°	547.7	572.8	596.6	622.2	649.3	677.1	704.8	729.5	749.3	766.9	782.6
-7.5°	540.1	564.6	588.0	612.2	638.1	664.7	691.5	716.7	737.9	755.5	771.0
-8.75°	531.4	555.0	578.5	601.3	625.6	650.8	676.4	701.4	723.9	742.1	757.7
-10°	521.8	544.4	567.6	589.3	611.8	635.5	659.5	683.5	706.5	726.4	742.1
-11.25°	511.3	532.8	555.0	576.8	597.6	619.4	641.8	664.1	685.9	706.5	723.9
-12.5°	499.4	520.6	541.5	562.8	583.0	602.8	623.3	643.9	664.1	683.5	701.4
-13.75°	486.4	507.5	527.4	547.4	567.6	586.0	604.6	623.3	641.8	659.5	676.4
-15°	472.1	493.1	512.9	531.6	550.4	569.2	586.0	602.8	619.4	635.5	650.8
-16.25°	455.9	477.5	497.1	515.5	533.0	550.4	567.6	583.0	597.6	611.8	625.6
-17.5°	437.7	460.2	480.2	498.5	515.5	531.6	547.4	562.8	576.8	589.3	601.3
-18.75°	417.4	440.8	461.6	480.2	497.1	512.9	527.4	541.5	555.0	567.6	578.5
-20°	392.2	419.1	440.8	460.2	477.5	493.1	507.5	520.6	532.8	544.4	555.0
-21.25°	368.7	392.2	417.4	437.7	455.9	472.1	486.4	499.4	511.3	521.8	531.4



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	345.8	367.2	388.6	412.0	431.6	448.7	463.8	477.0	488.8	499.2	508.6
-23.75°	322.7	343.0	362.7	382.4	403.1	422.6	438.4	452.4	464.8	475.4	484.6
-25°	299.0	318.6	337.5	355.5	373.3	390.8	409.0	424.8	437.8	449.2	458.8
-26.25°	277.2	293.9	311.9	329.2	345.8	361.4	376.7	391.5	406.4	419.8	429.9
-27.5°	255.3	271.5	287.0	302.6	318.4	333.4	347.4	360.4	372.9	384.3	395.4
-28.75°	233.7	248.7	263.6	277.8	291.3	305.1	318.5	330.9	342.4	352.7	362.1
-30°	213.8	227.0	239.9	253.6	266.5	278.7	290.0	301.3	312.2	322.1	330.9
-31.25°	193.7	206.4	218.6	230.1	241.5	253.2	264.1	274.2	283.4	291.8	299.8
-32.5°	175.3	185.8	197.2	208.4	218.9	228.7	238.0	247.6	256.5	264.5	271.6
-33.75°	157.7	167.8	177.4	186.5	196.5	206.0	214.8	223.0	230.4	237.2	243.9
-35°	140.8	149.6	158.9	167.6	175.9	183.7	191.5	199.4	206.5	213.0	218.7
-36.25°	127.0	134.2	141.1	148.7	156.6	164.0	171.0	177.4	183.2	188.7	194.2
-37.5°	113.0	120.0	126.6	132.8	138.7	144.3	151.0	157.1	162.7	167.7	172.2
-38.75°	100.5	106.3	112.0	118.0	123.7	129.0	133.9	138.4	142.5	147.0	151.3
-40°	88.2	93.8	99.1	104.1	108.8	113.6	118.3	122.7	126.7	130.2	133.4
-41.25°	75.4	81.2	86.3	91.1	95.7	99.9	103.8	107.4	110.7	114.2	117.2
-42.5°	62.0	67.5	72.8	77.8	82.5	86.5	90.3	93.8	96.9	99.8	102.3
-43.75°	48.7	53.8	58.9	63.7	68.2	72.4	76.3	79.9	83.1	85.8	88.2
-45°	36.8	41.4	45.6	49.7	53.9	57.9	61.7	65.1	68.2	71.1	73.6
-46.25°	24.9	29.2	33.4	37.2	40.9	44.3	47.4	50.3	53.3	56.0	58.4
-47.5°	18.8	20.6	22.4	24.7	28.2	31.5	34.5	37.3	39.8	42.1	44.1
-48.75°	13.4	15.2	16.9	18.5	20.0	21.4	22.7	24.3	26.7	28.8	30.8
-50°	11.2	11.3	11.4	12.9	14.3	15.7	16.9	18.0	19.1	20.0	20.8
-51.25°	10.8	10.9	11.0	11.1	11.2	11.3	11.4	12.2	13.2	14.1	14.9
-52.5°	10.5	10.6	10.7	10.8	10.8	10.9	11.0	11.1	11.1	11.2	11.2
-53.75°	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8
-55°	9.7	9.8	9.9	10.0	10.1	10.2	10.2	10.3	10.4	10.4	10.5
-56.25°	9.4	9.5	9.6	9.7	9.7	9.8	9.9	9.9	10.0	10.0	10.1
-57.5°	9.1	9.2	9.3	9.3	9.4	9.5	9.5	9.6	9.6	9.6	9.7
-58.75°	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.3
-60°	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.9	8.9	8.9	9.0
-61.25°	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.5	8.5	8.5	8.6
-62.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-63.75°	8.1	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-65°	7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.2
-66.25°	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8	7.8	7.9
-67.5°	7.1	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5
-68.75°	6.7	6.8	6.8	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1
-70°	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7
-71.25°	6.1	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.4	6.4
-72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-73.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-75°	5.8	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0
-76.25°	5.4	5.4	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6
-77.5°	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5
-80°	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8
-81.25°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4
-82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0
-83.75°	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-85°	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3
-86.25°	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
83.75°	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
81.25°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
78.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.5
77.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
76.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
73.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
71.25°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
68.75°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
67.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
66.25°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
65°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
63.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
62.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
61.25°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
60°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
58.75°	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.4	9.4
57.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
56.25°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
55°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
53.75°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
52.5°	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3
51.25°	15.6	16.1	16.6	17.0	17.2	17.4	17.5	17.4	17.2	17.0	16.6
50°	21.5	22.1	22.6	23.0	23.3	23.4	23.5	23.4	23.3	23.0	22.6
48.75°	32.4	33.9	35.0	35.9	36.6	37.0	37.1	37.0	36.6	35.9	35.0
47.5°	45.8	47.3	48.5	49.5	50.2	50.6	50.7	50.6	50.2	49.5	48.5
46.25°	60.4	62.2	63.7	64.8	65.6	66.1	66.2	66.1	65.6	64.8	63.7
45°	75.7	77.6	79.1	80.3	81.1	81.6	81.8	81.6	81.1	80.3	79.1
43.75°	90.3	92.1	93.6	94.7	95.5	96.0	96.2	96.0	95.5	94.7	93.6
42.5°	104.5	106.3	107.9	109.1	109.9	110.4	110.6	110.4	109.9	109.1	107.9
41.25°	119.8	122.1	123.9	125.4	126.4	127.0	127.3	127.0	126.4	125.4	123.9
40°	136.2	138.5	140.4	142.0	143.0	143.7	143.9	143.7	143.0	142.0	140.4
38.75°	155.0	158.2	160.8	162.9	164.3	165.2	165.5	165.2	164.3	162.9	160.8
37.5°	176.1	179.5	182.2	184.3	185.9	186.8	187.1	186.8	185.9	184.3	182.2
36.25°	199.0	203.1	206.4	209.1	210.9	212.1	212.5	212.1	210.9	209.1	206.4
35°	223.7	228.0	231.5	234.3	236.2	237.4	237.8	237.4	236.2	234.3	231.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	249.9	254.9	259.1	262.4	264.7	266.1	266.6	266.1	264.7	262.4	259.1
32.5°	277.9	283.2	287.6	291.0	293.4	294.9	295.4	294.9	293.4	291.0	287.6
31.25°	307.2	313.5	318.6	322.7	325.6	327.4	328.0	327.4	325.6	322.7	318.6
30°	338.7	345.3	350.7	355.0	358.0	359.9	360.5	359.9	358.0	355.0	350.7
28.75°	370.6	377.8	383.8	388.6	392.5	394.8	395.6	394.8	392.5	388.6	383.8
27.5°	405.6	414.3	421.1	425.7	429.1	431.1	431.8	431.1	429.1	425.7	421.1
26.25°	438.8	446.2	451.9	456.4	459.6	461.6	462.2	461.6	459.6	456.4	451.9
25°	467.4	474.0	479.5	483.7	486.8	488.7	489.3	488.7	486.8	483.7	479.5
23.75°	492.6	499.3	504.9	509.2	512.3	514.1	514.7	514.1	512.3	509.2	504.9
22.5°	516.6	523.4	529.0	533.6	537.0	539.0	539.7	539.0	537.0	533.6	529.0
21.25°	540.1	547.7	554.1	559.2	562.8	565.1	565.8	565.1	562.8	559.2	554.1
20°	564.6	572.8	579.2	584.2	587.9	590.1	590.8	590.1	587.9	584.2	579.2
18.75°	588.0	596.6	603.9	609.7	614.0	616.8	617.7	616.8	614.0	609.7	603.9
17.5°	612.2	622.2	630.6	637.4	642.4	645.4	646.5	645.4	642.4	637.4	630.6
16.25°	638.1	649.3	658.6	666.3	671.9	675.3	676.4	675.3	671.9	666.3	658.6
15°	664.7	677.1	687.5	695.8	701.8	705.5	706.7	705.5	701.8	695.8	687.5
13.75°	691.5	704.8	715.2	723.4	729.2	732.2	733.2	732.2	729.2	723.4	715.2
12.5°	716.7	729.5	738.7	746.0	751.1	754.1	755.2	754.1	751.1	746.0	738.7
11.25°	737.9	749.3	758.5	765.8	770.7	773.8	774.8	773.8	770.7	765.8	758.5
10°	755.5	766.9	776.0	783.6	789.2	792.6	793.8	792.6	789.2	783.6	776.0
8.75°	771.0	782.6	792.8	800.4	806.1	809.2	810.3	809.2	806.1	800.4	792.8
7.5°	784.8	797.2	807.3	814.5	819.5	821.8	822.6	821.8	819.5	814.5	807.3
6.25°	797.2	809.3	818.8	824.2	826.8	827.3	827.5	827.3	826.8	824.2	818.8
5°	807.3	818.8	825.9	827.5	826.7	825.4	824.9	825.4	826.7	827.5	825.9
3.75°	814.5	824.2	827.5	825.8	821.9	818.5	817.1	818.5	821.9	825.8	827.5
2.5°	819.5	826.8	826.7	821.9	815.6	810.7	809.0	810.7	815.6	821.9	826.7
1.25°	821.8	827.3	825.4	818.5	810.7	805.6	804.8	805.6	810.7	818.5	825.4
0°	822.6	827.5	824.9	817.1	809.0	804.8	806.7	804.8	809.0	817.1	824.9
-1.25°	821.8	827.3	825.4	818.5	810.7	805.6	804.8	805.6	810.7	818.5	825.4
-2.5°	819.5	826.8	826.7	821.9	815.6	810.7	809.0	810.7	815.6	821.9	826.7
-3.75°	814.5	824.2	827.5	825.8	821.9	818.5	817.1	818.5	821.9	825.8	827.5
-5°	807.3	818.8	825.9	827.5	826.7	825.4	824.9	825.4	826.7	827.5	825.9
-6.25°	797.2	809.3	818.8	824.2	826.8	827.3	827.5	827.3	826.8	824.2	818.8
-7.5°	784.8	797.2	807.3	814.5	819.5	821.8	822.6	821.8	819.5	814.5	807.3
-8.75°	771.0	782.6	792.8	800.4	806.1	809.2	810.3	809.2	806.1	800.4	792.8
-10°	755.5	766.9	776.0	783.6	789.2	792.6	793.8	792.6	789.2	783.6	776.0
-11.25°	737.9	749.3	758.5	765.8	770.7	773.8	774.8	773.8	770.7	765.8	758.5
-12.5°	716.7	729.5	738.7	746.0	751.1	754.1	755.2	754.1	751.1	746.0	738.7
-13.75°	691.5	704.8	715.2	723.4	729.2	732.2	733.2	732.2	729.2	723.4	715.2
-15°	664.7	677.1	687.5	695.8	701.8	705.5	706.7	705.5	701.8	695.8	687.5
-16.25°	638.1	649.3	658.6	666.3	671.9	675.3	676.4	675.3	671.9	666.3	658.6
-17.5°	612.2	622.2	630.6	637.4	642.4	645.4	646.5	645.4	642.4	637.4	630.6
-18.75°	588.0	596.6	603.9	609.7	614.0	616.8	617.7	616.8	614.0	609.7	603.9
-20°	564.6	572.8	579.2	584.2	587.9	590.1	590.8	590.1	587.9	584.2	579.2
-21.25°	540.1	547.7	554.1	559.2	562.8	565.1	565.8	565.1	562.8	559.2	554.1



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	516.6	523.4	529.0	533.6	537.0	539.0	539.7	539.0	537.0	533.6	529.0
-23.75°	492.6	499.3	504.9	509.2	512.3	514.1	514.7	514.1	512.3	509.2	504.9
-25°	467.4	474.0	479.5	483.7	486.8	488.7	489.3	488.7	486.8	483.7	479.5
-26.25°	438.8	446.2	451.9	456.4	459.6	461.6	462.2	461.6	459.6	456.4	451.9
-27.5°	405.6	414.3	421.1	425.7	429.1	431.1	431.8	431.1	429.1	425.7	421.1
-28.75°	370.6	377.8	383.8	388.6	392.5	394.8	395.6	394.8	392.5	388.6	383.8
-30°	338.7	345.3	350.7	355.0	358.0	359.9	360.5	359.9	358.0	355.0	350.7
-31.25°	307.2	313.5	318.6	322.7	325.6	327.4	328.0	327.4	325.6	322.7	318.6
-32.5°	277.9	283.2	287.6	291.0	293.4	294.9	295.4	294.9	293.4	291.0	287.6
-33.75°	249.9	254.9	259.1	262.4	264.7	266.1	266.6	266.1	264.7	262.4	259.1
-35°	223.7	228.0	231.5	234.3	236.2	237.4	237.8	237.4	236.2	234.3	231.5
-36.25°	199.0	203.1	206.4	209.1	210.9	212.1	212.5	212.1	210.9	209.1	206.4
-37.5°	176.1	179.5	182.2	184.3	185.9	186.8	187.1	186.8	185.9	184.3	182.2
-38.75°	155.0	158.2	160.8	162.9	164.3	165.2	165.5	165.2	164.3	162.9	160.8
-40°	136.2	138.5	140.4	142.0	143.0	143.7	143.9	143.7	143.0	142.0	140.4
-41.25°	119.8	122.1	123.9	125.4	126.4	127.0	127.3	127.0	126.4	125.4	123.9
-42.5°	104.5	106.3	107.9	109.1	109.9	110.4	110.6	110.4	109.9	109.1	107.9
-43.75°	90.3	92.1	93.6	94.7	95.5	96.0	96.2	96.0	95.5	94.7	93.6
-45°	75.7	77.6	79.1	80.3	81.1	81.6	81.8	81.6	81.1	80.3	79.1
-46.25°	60.4	62.2	63.7	64.8	65.6	66.1	66.2	66.1	65.6	64.8	63.7
-47.5°	45.8	47.3	48.5	49.5	50.2	50.6	50.7	50.6	50.2	49.5	48.5
-48.75°	32.4	33.9	35.0	35.9	36.6	37.0	37.1	37.0	36.6	35.9	35.0
-50°	21.5	22.1	22.6	23.0	23.3	23.4	23.5	23.4	23.3	23.0	22.6
-51.25°	15.6	16.1	16.6	17.0	17.2	17.4	17.5	17.4	17.2	17.0	16.6
-52.5°	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.3
-53.75°	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.9
-55°	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
-56.25°	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
-57.5°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-58.75°	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.4	9.4
-60°	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-61.25°	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-62.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-63.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-65°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-66.25°	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	7.9	7.9	7.9
-67.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-68.75°	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
-70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-71.25°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.4
-72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-73.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-76.25°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
-77.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.5	4.5
-80°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-81.25°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-83.75°	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1
83.75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
82.5°	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9
81.25°	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6
78.75°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2
77.5°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9
76.25°	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5
75°	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8
73.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
71.25°	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2
70°	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5
68.75°	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8
67.5°	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2
66.25°	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6
65°	8.3	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	8.0	7.9
63.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2
62.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
61.25°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3	8.3	8.3
60°	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.7	8.7	8.6	8.5
58.75°	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9
57.5°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.3
56.25°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6
55°	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.2	10.1	10.0	9.9
53.75°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3
52.5°	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.8	10.8	10.7
51.25°	16.1	15.6	14.9	14.1	13.2	12.2	11.4	11.3	11.2	11.1	11.0
50°	22.1	21.5	20.8	20.0	19.1	18.0	16.9	15.7	14.3	12.9	11.4
48.75°	33.9	32.4	30.8	28.8	26.7	24.3	22.7	21.4	20.0	18.5	16.9
47.5°	47.3	45.8	44.1	42.1	39.8	37.3	34.5	31.5	28.2	24.7	22.4
46.25°	62.2	60.4	58.4	56.0	53.3	50.3	47.4	44.3	40.9	37.2	33.4
45°	77.6	75.7	73.6	71.1	68.2	65.1	61.7	57.9	53.9	49.7	45.6
43.75°	92.1	90.3	88.2	85.8	83.1	79.9	76.3	72.4	68.2	63.7	58.9
42.5°	106.3	104.5	102.3	99.8	96.9	93.8	90.3	86.5	82.5	77.8	72.8
41.25°	122.1	119.8	117.2	114.2	110.7	107.4	103.8	99.9	95.7	91.1	86.3
40°	138.5	136.2	133.4	130.2	126.7	122.7	118.3	113.6	108.8	104.1	99.1
38.75°	158.2	155.0	151.3	147.0	142.5	138.4	133.9	129.0	123.7	118.0	112.0
37.5°	179.5	176.1	172.2	167.7	162.7	157.1	151.0	144.3	138.7	132.8	126.6
36.25°	203.1	199.0	194.2	188.7	183.2	177.4	171.0	164.0	156.6	148.7	141.1
35°	228.0	223.7	218.7	213.0	206.5	199.4	191.5	183.7	175.9	167.6	158.9

REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	254.9	249.9	243.9	237.2	230.4	223.0	214.8	206.0	196.5	186.5	177.4
32.5°	283.2	277.9	271.6	264.5	256.5	247.6	238.0	228.7	218.9	208.4	197.2
31.25°	313.5	307.2	299.8	291.8	283.4	274.2	264.1	253.2	241.5	230.1	218.6
30°	345.3	338.7	330.9	322.1	312.2	301.3	290.0	278.7	266.5	253.6	239.9
28.75°	377.8	370.6	362.1	352.7	342.4	330.9	318.5	305.1	291.3	277.8	263.6
27.5°	414.3	405.6	395.4	384.3	372.9	360.4	347.4	333.4	318.4	302.6	287.0
26.25°	446.2	438.8	429.9	419.8	406.4	391.5	376.7	361.4	345.8	329.2	311.9
25°	474.0	467.4	458.8	449.2	437.8	424.8	409.0	390.8	373.3	355.5	337.5
23.75°	499.3	492.6	484.6	475.4	464.8	452.4	438.4	422.6	403.1	382.4	362.7
22.5°	523.4	516.6	508.6	499.2	488.8	477.0	463.8	448.7	431.6	412.0	388.6
21.25°	547.7	540.1	531.4	521.8	511.3	499.4	486.4	472.1	455.9	437.7	417.4
20°	572.8	564.6	555.0	544.4	532.8	520.6	507.5	493.1	477.5	460.2	440.8
18.75°	596.6	588.0	578.5	567.6	555.0	541.5	527.4	512.9	497.1	480.2	461.6
17.5°	622.2	612.2	601.3	589.3	576.8	562.8	547.4	531.6	515.5	498.5	480.2
16.25°	649.3	638.1	625.6	611.8	597.6	583.0	567.6	550.4	533.0	515.5	497.1
15°	677.1	664.7	650.8	635.5	619.4	602.8	586.0	569.2	550.4	531.6	512.9
13.75°	704.8	691.5	676.4	659.5	641.8	623.3	604.6	586.0	567.6	547.4	527.4
12.5°	729.5	716.7	701.4	683.5	664.1	643.9	623.3	602.8	583.0	562.8	541.5
11.25°	749.3	737.9	723.9	706.5	685.9	664.1	641.8	619.4	597.6	576.8	555.0
10°	766.9	755.5	742.1	726.4	706.5	683.5	659.5	635.5	611.8	589.3	567.6
8.75°	782.6	771.0	757.7	742.1	723.9	701.4	676.4	650.8	625.6	601.3	578.5
7.5°	797.2	784.8	771.0	755.5	737.9	716.7	691.5	664.7	638.1	612.2	588.0
6.25°	809.3	797.2	782.6	766.9	749.3	729.5	704.8	677.1	649.3	622.2	596.6
5°	818.8	807.3	792.8	776.0	758.5	738.7	715.2	687.5	658.6	630.6	603.9
3.75°	824.2	814.5	800.4	783.6	765.8	746.0	723.4	695.8	666.3	637.4	609.7
2.5°	826.8	819.5	806.1	789.2	770.7	751.1	729.2	701.8	671.9	642.4	614.0
1.25°	827.3	821.8	809.2	792.6	773.8	754.1	732.2	705.5	675.3	645.4	616.8
0°	827.5	822.6	810.3	793.8	774.8	755.2	733.2	706.7	676.4	646.5	617.7
-1.25°	827.3	821.8	809.2	792.6	773.8	754.1	732.2	705.5	675.3	645.4	616.8
-2.5°	826.8	819.5	806.1	789.2	770.7	751.1	729.2	701.8	671.9	642.4	614.0
-3.75°	824.2	814.5	800.4	783.6	765.8	746.0	723.4	695.8	666.3	637.4	609.7
-5°	818.8	807.3	792.8	776.0	758.5	738.7	715.2	687.5	658.6	630.6	603.9
-6.25°	809.3	797.2	782.6	766.9	749.3	729.5	704.8	677.1	649.3	622.2	596.6
-7.5°	797.2	784.8	771.0	755.5	737.9	716.7	691.5	664.7	638.1	612.2	588.0
-8.75°	782.6	771.0	757.7	742.1	723.9	701.4	676.4	650.8	625.6	601.3	578.5
-10°	766.9	755.5	742.1	726.4	706.5	683.5	659.5	635.5	611.8	589.3	567.6
-11.25°	749.3	737.9	723.9	706.5	685.9	664.1	641.8	619.4	597.6	576.8	555.0
-12.5°	729.5	716.7	701.4	683.5	664.1	643.9	623.3	602.8	583.0	562.8	541.5
-13.75°	704.8	691.5	676.4	659.5	641.8	623.3	604.6	586.0	567.6	547.4	527.4
-15°	677.1	664.7	650.8	635.5	619.4	602.8	586.0	569.2	550.4	531.6	512.9
-16.25°	649.3	638.1	625.6	611.8	597.6	583.0	567.6	550.4	533.0	515.5	497.1
-17.5°	622.2	612.2	601.3	589.3	576.8	562.8	547.4	531.6	515.5	498.5	480.2
-18.75°	596.6	588.0	578.5	567.6	555.0	541.5	527.4	512.9	497.1	480.2	461.6
-20°	572.8	564.6	555.0	544.4	532.8	520.6	507.5	493.1	477.5	460.2	440.8
-21.25°	547.7	540.1	531.4	521.8	511.3	499.4	486.4	472.1	455.9	437.7	417.4



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	523.4	516.6	508.6	499.2	488.8	477.0	463.8	448.7	431.6	412.0	388.6
-23.75°	499.3	492.6	484.6	475.4	464.8	452.4	438.4	422.6	403.1	382.4	362.7
-25°	474.0	467.4	458.8	449.2	437.8	424.8	409.0	390.8	373.3	355.5	337.5
-26.25°	446.2	438.8	429.9	419.8	406.4	391.5	376.7	361.4	345.8	329.2	311.9
-27.5°	414.3	405.6	395.4	384.3	372.9	360.4	347.4	333.4	318.4	302.6	287.0
-28.75°	377.8	370.6	362.1	352.7	342.4	330.9	318.5	305.1	291.3	277.8	263.6
-30°	345.3	338.7	330.9	322.1	312.2	301.3	290.0	278.7	266.5	253.6	239.9
-31.25°	313.5	307.2	299.8	291.8	283.4	274.2	264.1	253.2	241.5	230.1	218.6
-32.5°	283.2	277.9	271.6	264.5	256.5	247.6	238.0	228.7	218.9	208.4	197.2
-33.75°	254.9	249.9	243.9	237.2	230.4	223.0	214.8	206.0	196.5	186.5	177.4
-35°	228.0	223.7	218.7	213.0	206.5	199.4	191.5	183.7	175.9	167.6	158.9
-36.25°	203.1	199.0	194.2	188.7	183.2	177.4	171.0	164.0	156.6	148.7	141.1
-37.5°	179.5	176.1	172.2	167.7	162.7	157.1	151.0	144.3	138.7	132.8	126.6
-38.75°	158.2	155.0	151.3	147.0	142.5	138.4	133.9	129.0	123.7	118.0	112.0
-40°	138.5	136.2	133.4	130.2	126.7	122.7	118.3	113.6	108.8	104.1	99.1
-41.25°	122.1	119.8	117.2	114.2	110.7	107.4	103.8	99.9	95.7	91.1	86.3
-42.5°	106.3	104.5	102.3	99.8	96.9	93.8	90.3	86.5	82.5	77.8	72.8
-43.75°	92.1	90.3	88.2	85.8	83.1	79.9	76.3	72.4	68.2	63.7	58.9
-45°	77.6	75.7	73.6	71.1	68.2	65.1	61.7	57.9	53.9	49.7	45.6
-46.25°	62.2	60.4	58.4	56.0	53.3	50.3	47.4	44.3	40.9	37.2	33.4
-47.5°	47.3	45.8	44.1	42.1	39.8	37.3	34.5	31.5	28.2	24.7	22.4
-48.75°	33.9	32.4	30.8	28.8	26.7	24.3	22.7	21.4	20.0	18.5	16.9
-50°	22.1	21.5	20.8	20.0	19.1	18.0	16.9	15.7	14.3	12.9	11.4
-51.25°	16.1	15.6	14.9	14.1	13.2	12.2	11.4	11.3	11.2	11.1	11.0
-52.5°	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.8	10.8	10.7
-53.75°	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3
-55°	10.5	10.5	10.5	10.4	10.4	10.3	10.2	10.2	10.1	10.0	9.9
-56.25°	10.1	10.1	10.1	10.0	10.0	9.9	9.9	9.8	9.7	9.7	9.6
-57.5°	9.7	9.7	9.7	9.6	9.6	9.6	9.5	9.5	9.4	9.3	9.3
-58.75°	9.4	9.4	9.3	9.3	9.3	9.2	9.2	9.1	9.1	9.0	8.9
-60°	9.0	9.0	9.0	8.9	8.9	8.9	8.8	8.7	8.7	8.6	8.5
-61.25°	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3	8.3	8.3
-62.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-63.75°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2
-65°	8.3	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	8.0	7.9
-66.25°	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6
-67.5°	7.6	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2
-68.75°	7.2	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8
-70°	6.8	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5
-71.25°	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2
-72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-73.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-75°	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8
-76.25°	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5
-77.5°	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.9	4.9



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2
-80°	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6
-81.25°	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-82.5°	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9
-83.75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-85°	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1
-86.25°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
86.25°	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2
85°	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8
83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4
82.5°	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
81.25°	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0
80°	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3
78.75°	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.7	3.7	3.6
77.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1
76.25°	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.7
75°	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3
73.75°	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8	5.8	5.7	5.7
72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0
71.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
70°	6.4	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1
68.75°	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.3	6.2
67.5°	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.5
66.25°	7.5	7.5	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.8
65°	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
63.75°	8.2	8.1	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4
62.5°	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7
61.25°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.1	8.0
60°	8.5	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
58.75°	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.3	8.3	8.3	8.3
57.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.3
56.25°	9.5	9.4	9.3	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4
55°	9.8	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8
53.75°	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1
52.5°	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.3
51.25°	10.9	10.8	10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.8	9.6
50°	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9
48.75°	15.2	13.4	11.5	11.3	11.1	11.0	10.9	10.7	10.5	10.4	10.2
47.5°	20.6	18.8	16.8	14.8	12.6	11.3	11.2	11.0	10.9	10.7	10.5
46.25°	29.2	24.9	22.1	20.0	17.7	15.4	13.0	11.3	11.2	11.0	10.8
45°	41.4	36.8	32.1	27.1	22.8	20.4	17.9	15.3	12.7	11.3	11.1
43.75°	53.8	48.7	43.8	38.6	33.2	27.6	22.8	20.1	17.3	14.5	11.6
42.5°	67.5	62.0	56.1	50.1	44.5	38.7	32.7	26.4	22.0	19.0	16.0
41.25°	81.2	75.4	69.3	63.0	56.3	49.6	43.4	36.9	30.3	23.5	20.4
40°	93.8	88.2	82.4	75.8	69.0	61.9	54.5	47.3	40.5	33.4	26.2
38.75°	106.3	100.5	94.4	88.1	81.5	74.1	66.5	58.6	50.5	43.3	35.8
37.5°	120.0	113.0	106.4	99.8	93.0	85.9	78.4	70.2	61.9	53.3	45.2
36.25°	134.2	127.0	119.4	111.6	104.4	97.1	89.5	81.7	73.1	64.2	55.1
35°	149.6	140.8	133.0	124.9	116.4	108.1	100.3	92.2	84.0	75.0	65.6

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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	167.8	157.7	147.2	138.0	129.3	120.2	110.9	102.5	94.0	85.3	75.9
32.5°	185.8	175.3	164.4	153.1	141.9	132.6	122.9	113.0	103.9	94.9	85.7
31.25°	206.4	193.7	181.4	169.7	157.5	145.0	134.8	124.6	114.1	104.4	94.9
30°	227.0	213.8	200.1	186.0	173.5	160.5	147.2	135.9	125.1	114.1	103.9
28.75°	248.7	233.7	219.4	204.7	189.5	175.7	162.0	147.9	135.9	124.6	113.0
27.5°	271.5	255.3	238.6	223.2	207.5	191.3	176.5	162.0	147.2	134.8	122.9
26.25°	293.9	277.2	259.8	241.9	225.1	208.4	191.3	175.7	160.5	145.0	132.6
25°	318.6	299.0	280.6	262.1	243.0	225.1	207.5	189.5	173.5	157.5	141.9
23.75°	343.0	322.7	301.7	281.8	262.1	241.9	223.2	204.7	186.0	169.7	153.1
22.5°	367.2	345.8	324.1	301.7	280.6	259.8	238.6	219.4	200.1	181.4	164.4
21.25°	392.2	368.7	345.8	322.7	299.0	277.2	255.3	233.7	213.8	193.7	175.3
20°	419.1	392.2	367.2	343.0	318.6	293.9	271.5	248.7	227.0	206.4	185.8
18.75°	440.8	417.4	388.6	362.7	337.5	311.9	287.0	263.6	239.9	218.6	197.2
17.5°	460.2	437.7	412.0	382.4	355.5	329.2	302.6	277.8	253.6	230.1	208.4
16.25°	477.5	455.9	431.6	403.1	373.3	345.8	318.4	291.3	266.5	241.5	218.9
15°	493.1	472.1	448.7	422.6	390.8	361.4	333.4	305.1	278.7	253.2	228.7
13.75°	507.5	486.4	463.8	438.4	409.0	376.7	347.4	318.5	290.0	264.1	238.0
12.5°	520.6	499.4	477.0	452.4	424.8	391.5	360.4	330.9	301.3	274.2	247.6
11.25°	532.8	511.3	488.8	464.8	437.8	406.4	372.9	342.4	312.2	283.4	256.5
10°	544.4	521.8	499.2	475.4	449.2	419.8	384.3	352.7	322.1	291.8	264.5
8.75°	555.0	531.4	508.6	484.6	458.8	429.9	395.4	362.1	330.9	299.8	271.6
7.5°	564.6	540.1	516.6	492.6	467.4	438.8	405.6	370.6	338.7	307.2	277.9
6.25°	572.8	547.7	523.4	499.3	474.0	446.2	414.3	377.8	345.3	313.5	283.2
5°	579.2	554.1	529.0	504.9	479.5	451.9	421.1	383.8	350.7	318.6	287.6
3.75°	584.2	559.2	533.6	509.2	483.7	456.4	425.7	388.6	355.0	322.7	291.0
2.5°	587.9	562.8	537.0	512.3	486.8	459.6	429.1	392.5	358.0	325.6	293.4
1.25°	590.1	565.1	539.0	514.1	488.7	461.6	431.1	394.8	359.9	327.4	294.9
0°	590.8	565.8	539.7	514.7	489.3	462.2	431.8	395.6	360.5	328.0	295.4
-1.25°	590.1	565.1	539.0	514.1	488.7	461.6	431.1	394.8	359.9	327.4	294.9
-2.5°	587.9	562.8	537.0	512.3	486.8	459.6	429.1	392.5	358.0	325.6	293.4
-3.75°	584.2	559.2	533.6	509.2	483.7	456.4	425.7	388.6	355.0	322.7	291.0
-5°	579.2	554.1	529.0	504.9	479.5	451.9	421.1	383.8	350.7	318.6	287.6
-6.25°	572.8	547.7	523.4	499.3	474.0	446.2	414.3	377.8	345.3	313.5	283.2
-7.5°	564.6	540.1	516.6	492.6	467.4	438.8	405.6	370.6	338.7	307.2	277.9
-8.75°	555.0	531.4	508.6	484.6	458.8	429.9	395.4	362.1	330.9	299.8	271.6
-10°	544.4	521.8	499.2	475.4	449.2	419.8	384.3	352.7	322.1	291.8	264.5
-11.25°	532.8	511.3	488.8	464.8	437.8	406.4	372.9	342.4	312.2	283.4	256.5
-12.5°	520.6	499.4	477.0	452.4	424.8	391.5	360.4	330.9	301.3	274.2	247.6
-13.75°	507.5	486.4	463.8	438.4	409.0	376.7	347.4	318.5	290.0	264.1	238.0
-15°	493.1	472.1	448.7	422.6	390.8	361.4	333.4	305.1	278.7	253.2	228.7
-16.25°	477.5	455.9	431.6	403.1	373.3	345.8	318.4	291.3	266.5	241.5	218.9
-17.5°	460.2	437.7	412.0	382.4	355.5	329.2	302.6	277.8	253.6	230.1	208.4
-18.75°	440.8	417.4	388.6	362.7	337.5	311.9	287.0	263.6	239.9	218.6	197.2
-20°	419.1	392.2	367.2	343.0	318.6	293.9	271.5	248.7	227.0	206.4	185.8
-21.25°	392.2	368.7	345.8	322.7	299.0	277.2	255.3	233.7	213.8	193.7	175.3



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	367.2	345.8	324.1	301.7	280.6	259.8	238.6	219.4	200.1	181.4	164.4
-23.75°	343.0	322.7	301.7	281.8	262.1	241.9	223.2	204.7	186.0	169.7	153.1
-25°	318.6	299.0	280.6	262.1	243.0	225.1	207.5	189.5	173.5	157.5	141.9
-26.25°	293.9	277.2	259.8	241.9	225.1	208.4	191.3	175.7	160.5	145.0	132.6
-27.5°	271.5	255.3	238.6	223.2	207.5	191.3	176.5	162.0	147.2	134.8	122.9
-28.75°	248.7	233.7	219.4	204.7	189.5	175.7	162.0	147.9	135.9	124.6	113.0
-30°	227.0	213.8	200.1	186.0	173.5	160.5	147.2	135.9	125.1	114.1	103.9
-31.25°	206.4	193.7	181.4	169.7	157.5	145.0	134.8	124.6	114.1	104.4	94.9
-32.5°	185.8	175.3	164.4	153.1	141.9	132.6	122.9	113.0	103.9	94.9	85.7
-33.75°	167.8	157.7	147.2	138.0	129.3	120.2	110.9	102.5	94.0	85.3	75.9
-35°	149.6	140.8	133.0	124.9	116.4	108.1	100.3	92.2	84.0	75.0	65.6
-36.25°	134.2	127.0	119.4	111.6	104.4	97.1	89.5	81.7	73.1	64.2	55.1
-37.5°	120.0	113.0	106.4	99.8	93.0	85.9	78.4	70.2	61.9	53.3	45.2
-38.75°	106.3	100.5	94.4	88.1	81.5	74.1	66.5	58.6	50.5	43.3	35.8
-40°	93.8	88.2	82.4	75.8	69.0	61.9	54.5	47.3	40.5	33.4	26.2
-41.25°	81.2	75.4	69.3	63.0	56.3	49.6	43.4	36.9	30.3	23.5	20.4
-42.5°	67.5	62.0	56.1	50.1	44.5	38.7	32.7	26.4	22.0	19.0	16.0
-43.75°	53.8	48.7	43.8	38.6	33.2	27.6	22.8	20.1	17.3	14.5	11.6
-45°	41.4	36.8	32.1	27.1	22.8	20.4	17.9	15.3	12.7	11.3	11.1
-46.25°	29.2	24.9	22.1	20.0	17.7	15.4	13.0	11.3	11.2	11.0	10.8
-47.5°	20.6	18.8	16.8	14.8	12.6	11.3	11.2	11.0	10.9	10.7	10.5
-48.75°	15.2	13.4	11.5	11.3	11.1	11.0	10.9	10.7	10.5	10.4	10.2
-50°	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4	10.2	10.1	9.9
-51.25°	10.9	10.8	10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.8	9.6
-52.5°	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.6	9.5	9.3
-53.75°	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4	9.3	9.2	9.1
-55°	9.8	9.7	9.7	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.8
-56.25°	9.5	9.4	9.3	9.3	9.2	9.1	8.9	8.8	8.7	8.6	8.4
-57.5°	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.3
-58.75°	8.8	8.8	8.7	8.6	8.5	8.4	8.3	8.3	8.3	8.3	8.3
-60°	8.5	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-61.25°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.1	8.0
-62.5°	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7
-63.75°	8.2	8.1	8.1	8.0	7.9	7.8	7.8	7.7	7.6	7.5	7.4
-65°	7.9	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1
-66.25°	7.5	7.5	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.8
-67.5°	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7	6.6	6.5	6.5
-68.75°	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.4	6.3	6.3	6.2
-70°	6.4	6.4	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.1	6.1
-71.25°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-72.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0
-73.75°	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.8	5.8	5.7	5.7
-75°	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.4	5.4	5.3
-76.25°	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.7
-77.5°	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	4.1	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.7	3.7	3.6
-80°	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3
-81.25°	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0
-82.5°	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
-83.75°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4
-85°	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8
-86.25°	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	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



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
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	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
86.25°	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
85°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4
83.75°	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9
82.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4
81.25°	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
80°	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
78.75°	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.1
77.5°	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4
76.25°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
75°	5.3	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.1	4.0
73.75°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.5
72.5°	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.0
71.25°	6.1	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4
70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.7
68.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9
67.5°	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
66.25°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1
65°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1
63.75°	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.4	6.3	6.2
62.5°	7.6	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4
61.25°	7.9	7.8	7.7	7.6	7.5	7.3	7.2	7.0	6.9	6.8	6.6
60°	8.2	8.1	8.0	7.8	7.7	7.6	7.5	7.3	7.2	7.0	6.9
58.75°	8.3	8.3	8.2	8.1	8.0	7.9	7.7	7.6	7.4	7.3	7.1
57.5°	8.3	8.3	8.3	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4
56.25°	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.1	7.9	7.8	7.6
55°	8.6	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.0	7.8
53.75°	8.9	8.8	8.6	8.5	8.3	8.3	8.3	8.3	8.3	8.2	8.1
52.5°	9.2	9.1	8.9	8.7	8.6	8.4	8.3	8.3	8.3	8.3	8.3
51.25°	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.3	8.3	8.3	8.3
50°	9.7	9.6	9.4	9.3	9.1	8.9	8.7	8.6	8.4	8.3	8.3
48.75°	10.0	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.4	8.3
47.5°	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.1	8.8	8.6	8.4
46.25°	10.6	10.4	10.2	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.6
45°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9
43.75°	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.3	9.1
42.5°	12.9	11.3	11.1	10.9	10.6	10.4	10.2	9.9	9.7	9.5	9.3
41.25°	17.2	13.9	11.3	11.1	10.9	10.7	10.4	10.2	9.9	9.7	9.5
40°	21.4	18.0	14.6	11.4	11.1	10.9	10.7	10.4	10.2	9.9	9.7
38.75°	28.1	22.1	18.5	14.9	11.4	11.1	10.9	10.6	10.4	10.1	9.8
37.5°	37.4	29.3	22.4	18.7	14.9	11.4	11.1	10.9	10.6	10.3	10.0
36.25°	46.4	38.1	29.7	22.4	18.5	14.6	11.3	11.1	10.8	10.5	10.2
35°	56.0	46.8	38.1	29.3	22.1	18.0	13.9	11.3	11.0	10.7	10.4



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	66.1	56.0	46.4	37.4	28.1	21.4	17.2	12.9	11.2	10.9	10.6
32.5°	75.9	65.6	55.1	45.2	35.8	26.2	20.4	16.0	11.6	11.1	10.8
31.25°	85.3	75.0	64.2	53.3	43.3	33.4	23.5	19.0	14.5	11.3	11.0
30°	94.0	84.0	73.1	61.9	50.5	40.5	30.3	22.0	17.3	12.7	11.2
28.75°	102.5	92.2	81.7	70.2	58.6	47.3	36.9	26.4	20.1	15.3	11.3
27.5°	110.9	100.3	89.5	78.4	66.5	54.5	43.4	32.7	22.8	17.9	13.0
26.25°	120.2	108.1	97.1	85.9	74.1	61.9	49.6	38.7	27.6	20.4	15.4
25°	129.3	116.4	104.4	93.0	81.5	69.0	56.3	44.5	33.2	22.8	17.7
23.75°	138.0	124.9	111.6	99.8	88.1	75.8	63.0	50.1	38.6	27.1	20.0
22.5°	147.2	133.0	119.4	106.4	94.4	82.4	69.3	56.1	43.8	32.1	22.1
21.25°	157.7	140.8	127.0	113.0	100.5	88.2	75.4	62.0	48.7	36.8	24.9
20°	167.8	149.6	134.2	120.0	106.3	93.8	81.2	67.5	53.8	41.4	29.2
18.75°	177.4	158.9	141.1	126.6	112.0	99.1	86.3	72.8	58.9	45.6	33.4
17.5°	186.5	167.6	148.7	132.8	118.0	104.1	91.1	77.8	63.7	49.7	37.2
16.25°	196.5	175.9	156.6	138.7	123.7	108.8	95.7	82.5	68.2	53.9	40.9
15°	206.0	183.7	164.0	144.3	129.0	113.6	99.9	86.5	72.4	57.9	44.3
13.75°	214.8	191.5	171.0	151.0	133.9	118.3	103.8	90.3	76.3	61.7	47.4
12.5°	223.0	199.4	177.4	157.1	138.4	122.7	107.4	93.8	79.9	65.1	50.3
11.25°	230.4	206.5	183.2	162.7	142.5	126.7	110.7	96.9	83.1	68.2	53.3
10°	237.2	213.0	188.7	167.7	147.0	130.2	114.2	99.8	85.8	71.1	56.0
8.75°	243.9	218.7	194.2	172.2	151.3	133.4	117.2	102.3	88.2	73.6	58.4
7.5°	249.9	223.7	199.0	176.1	155.0	136.2	119.8	104.5	90.3	75.7	60.4
6.25°	254.9	228.0	203.1	179.5	158.2	138.5	122.1	106.3	92.1	77.6	62.2
5°	259.1	231.5	206.4	182.2	160.8	140.4	123.9	107.9	93.6	79.1	63.7
3.75°	262.4	234.3	209.1	184.3	162.9	142.0	125.4	109.1	94.7	80.3	64.8
2.5°	264.7	236.2	210.9	185.9	164.3	143.0	126.4	109.9	95.5	81.1	65.6
1.25°	266.1	237.4	212.1	186.8	165.2	143.7	127.0	110.4	96.0	81.6	66.1
0°	266.6	237.8	212.5	187.1	165.5	143.9	127.3	110.6	96.2	81.8	66.2
-1.25°	266.1	237.4	212.1	186.8	165.2	143.7	127.0	110.4	96.0	81.6	66.1
-2.5°	264.7	236.2	210.9	185.9	164.3	143.0	126.4	109.9	95.5	81.1	65.6
-3.75°	262.4	234.3	209.1	184.3	162.9	142.0	125.4	109.1	94.7	80.3	64.8
-5°	259.1	231.5	206.4	182.2	160.8	140.4	123.9	107.9	93.6	79.1	63.7
-6.25°	254.9	228.0	203.1	179.5	158.2	138.5	122.1	106.3	92.1	77.6	62.2
-7.5°	249.9	223.7	199.0	176.1	155.0	136.2	119.8	104.5	90.3	75.7	60.4
-8.75°	243.9	218.7	194.2	172.2	151.3	133.4	117.2	102.3	88.2	73.6	58.4
-10°	237.2	213.0	188.7	167.7	147.0	130.2	114.2	99.8	85.8	71.1	56.0
-11.25°	230.4	206.5	183.2	162.7	142.5	126.7	110.7	96.9	83.1	68.2	53.3
-12.5°	223.0	199.4	177.4	157.1	138.4	122.7	107.4	93.8	79.9	65.1	50.3
-13.75°	214.8	191.5	171.0	151.0	133.9	118.3	103.8	90.3	76.3	61.7	47.4
-15°	206.0	183.7	164.0	144.3	129.0	113.6	99.9	86.5	72.4	57.9	44.3
-16.25°	196.5	175.9	156.6	138.7	123.7	108.8	95.7	82.5	68.2	53.9	40.9
-17.5°	186.5	167.6	148.7	132.8	118.0	104.1	91.1	77.8	63.7	49.7	37.2
-18.75°	177.4	158.9	141.1	126.6	112.0	99.1	86.3	72.8	58.9	45.6	33.4
-20°	167.8	149.6	134.2	120.0	106.3	93.8	81.2	67.5	53.8	41.4	29.2
-21.25°	157.7	140.8	127.0	113.0	100.5	88.2	75.4	62.0	48.7	36.8	24.9



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	147.2	133.0	119.4	106.4	94.4	82.4	69.3	56.1	43.8	32.1	22.1
-23.75°	138.0	124.9	111.6	99.8	88.1	75.8	63.0	50.1	38.6	27.1	20.0
-25°	129.3	116.4	104.4	93.0	81.5	69.0	56.3	44.5	33.2	22.8	17.7
-26.25°	120.2	108.1	97.1	85.9	74.1	61.9	49.6	38.7	27.6	20.4	15.4
-27.5°	110.9	100.3	89.5	78.4	66.5	54.5	43.4	32.7	22.8	17.9	13.0
-28.75°	102.5	92.2	81.7	70.2	58.6	47.3	36.9	26.4	20.1	15.3	11.3
-30°	94.0	84.0	73.1	61.9	50.5	40.5	30.3	22.0	17.3	12.7	11.2
-31.25°	85.3	75.0	64.2	53.3	43.3	33.4	23.5	19.0	14.5	11.3	11.0
-32.5°	75.9	65.6	55.1	45.2	35.8	26.2	20.4	16.0	11.6	11.1	10.8
-33.75°	66.1	56.0	46.4	37.4	28.1	21.4	17.2	12.9	11.2	10.9	10.6
-35°	56.0	46.8	38.1	29.3	22.1	18.0	13.9	11.3	11.0	10.7	10.4
-36.25°	46.4	38.1	29.7	22.4	18.5	14.6	11.3	11.1	10.8	10.5	10.2
-37.5°	37.4	29.3	22.4	18.7	14.9	11.4	11.1	10.9	10.6	10.3	10.0
-38.75°	28.1	22.1	18.5	14.9	11.4	11.1	10.9	10.6	10.4	10.1	9.8
-40°	21.4	18.0	14.6	11.4	11.1	10.9	10.7	10.4	10.2	9.9	9.7
-41.25°	17.2	13.9	11.3	11.1	10.9	10.7	10.4	10.2	9.9	9.7	9.5
-42.5°	12.9	11.3	11.1	10.9	10.6	10.4	10.2	9.9	9.7	9.5	9.3
-43.75°	11.2	11.0	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.3	9.1
-45°	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9
-46.25°	10.6	10.4	10.2	10.0	9.8	9.7	9.5	9.3	9.1	8.9	8.6
-47.5°	10.3	10.2	10.0	9.8	9.6	9.4	9.2	9.1	8.8	8.6	8.4
-48.75°	10.0	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.6	8.4	8.3
-50°	9.7	9.6	9.4	9.3	9.1	8.9	8.7	8.6	8.4	8.3	8.3
-51.25°	9.5	9.3	9.2	9.0	8.9	8.7	8.5	8.3	8.3	8.3	8.3
-52.5°	9.2	9.1	8.9	8.7	8.6	8.4	8.3	8.3	8.3	8.3	8.3
-53.75°	8.9	8.8	8.6	8.5	8.3	8.3	8.3	8.3	8.3	8.2	8.1
-55°	8.6	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.0	7.8
-56.25°	8.3	8.3	8.3	8.3	8.3	8.3	8.2	8.1	7.9	7.8	7.6
-57.5°	8.3	8.3	8.3	8.3	8.2	8.1	8.0	7.8	7.7	7.5	7.4
-58.75°	8.3	8.3	8.2	8.1	8.0	7.9	7.7	7.6	7.4	7.3	7.1
-60°	8.2	8.1	8.0	7.8	7.7	7.6	7.5	7.3	7.2	7.0	6.9
-61.25°	7.9	7.8	7.7	7.6	7.5	7.3	7.2	7.0	6.9	6.8	6.6
-62.5°	7.6	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4
-63.75°	7.3	7.2	7.1	7.0	6.9	6.7	6.6	6.5	6.4	6.3	6.2
-65°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1
-66.25°	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1
-67.5°	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-68.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.9
-70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.7
-71.25°	6.1	6.1	6.1	6.0	5.9	5.9	5.8	5.7	5.6	5.5	5.4
-72.5°	5.9	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.2	5.0
-73.75°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.5
-75°	5.3	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.1	4.0
-76.25°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6
-77.5°	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.4



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.1	3.1
-80°	3.3	3.2	3.2	3.1	3.1	3.0	3.0	3.0	2.9	2.9	2.8
-81.25°	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6
-82.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4
-83.75°	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9
-85°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4
-86.25°	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9
-87.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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



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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°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
85°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
83.75°	1.8	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2
82.5°	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
81.25°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9
80°	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.3	2.3
78.75°	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.5
77.5°	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6
76.25°	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8
75°	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0
73.75°	4.3	4.2	4.0	3.9	3.7	3.6	3.6	3.5	3.4	3.3	3.2
72.5°	4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.7	3.6	3.5	3.4
71.25°	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.6
70°	5.6	5.5	5.4	5.2	5.0	4.8	4.6	4.4	4.2	3.9	3.8
68.75°	5.8	5.7	5.6	5.5	5.4	5.2	5.0	4.8	4.5	4.3	4.1
67.5°	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.2	4.9	4.7	4.4
66.25°	6.1	6.1	6.1	6.0	5.8	5.7	5.6	5.4	5.3	5.0	4.8
65°	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.6	5.5	5.4	5.1
63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.5	5.4
62.5°	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.6
61.25°	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8
60°	6.7	6.6	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	5.9
58.75°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1
57.5°	7.2	7.0	6.9	6.7	6.5	6.4	6.2	6.1	6.1	6.1	6.1
56.25°	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	6.1	6.1
55°	7.7	7.5	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.1	6.1
53.75°	7.9	7.7	7.5	7.4	7.2	6.9	6.8	6.6	6.4	6.2	6.1
52.5°	8.1	7.9	7.7	7.6	7.4	7.2	6.9	6.7	6.5	6.4	6.2
51.25°	8.3	8.1	7.9	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.3
50°	8.3	8.3	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4
48.75°	8.3	8.3	8.3	8.1	7.9	7.7	7.5	7.3	7.0	6.8	6.6
47.5°	8.3	8.3	8.3	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.7
46.25°	8.4	8.3	8.3	8.3	8.3	8.1	7.8	7.6	7.4	7.1	6.9
45°	8.6	8.4	8.3	8.3	8.3	8.2	8.0	7.8	7.5	7.3	7.0
43.75°	8.8	8.6	8.4	8.3	8.3	8.3	8.2	7.9	7.7	7.4	7.2
42.5°	9.1	8.8	8.6	8.3	8.3	8.3	8.3	8.1	7.8	7.6	7.3
41.25°	9.2	9.0	8.7	8.5	8.3	8.3	8.3	8.2	8.0	7.7	7.5
40°	9.4	9.2	8.9	8.7	8.4	8.3	8.3	8.3	8.1	7.9	7.6
38.75°	9.6	9.4	9.1	8.9	8.6	8.3	8.3	8.3	8.2	8.0	7.7
37.5°	9.8	9.5	9.3	9.0	8.7	8.5	8.3	8.3	8.3	8.1	7.8
36.25°	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.3	8.3	8.2	8.0
35°	10.2	9.9	9.6	9.3	9.1	8.8	8.5	8.3	8.3	8.3	8.1



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.3	8.3	8.2
32.5°	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.4	8.3	8.3	8.3
31.25°	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.3	8.3
30°	10.9	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.3	8.3
28.75°	11.0	10.7	10.4	10.1	9.7	9.4	9.2	8.8	8.5	8.3	8.3
27.5°	11.2	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3	8.3
26.25°	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.1	8.7	8.4	8.3
25°	12.6	11.1	10.8	10.5	10.1	9.8	9.5	9.2	8.8	8.5	8.3
23.75°	14.8	11.3	10.9	10.6	10.2	9.9	9.6	9.3	8.9	8.6	8.3
22.5°	16.8	11.5	11.1	10.7	10.4	10.0	9.7	9.3	9.0	8.7	8.3
21.25°	18.8	13.4	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.8	8.4
20°	20.6	15.2	11.3	10.9	10.6	10.2	9.8	9.5	9.2	8.8	8.5
18.75°	22.4	16.9	11.4	11.0	10.7	10.3	9.9	9.6	9.3	8.9	8.5
17.5°	24.7	18.5	12.9	11.1	10.8	10.4	10.0	9.7	9.3	9.0	8.6
16.25°	28.2	20.0	14.3	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.7
15°	31.5	21.4	15.7	11.3	10.9	10.5	10.2	9.8	9.5	9.1	8.7
13.75°	34.5	22.7	16.9	11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.8
12.5°	37.3	24.3	18.0	12.2	11.1	10.7	10.3	9.9	9.6	9.2	8.9
11.25°	39.8	26.7	19.1	13.2	11.1	10.7	10.4	10.0	9.6	9.3	8.9
10°	42.1	28.8	20.0	14.1	11.2	10.8	10.4	10.0	9.6	9.3	8.9
8.75°	44.1	30.8	20.8	14.9	11.2	10.8	10.5	10.1	9.7	9.3	9.0
7.5°	45.8	32.4	21.5	15.6	11.3	10.9	10.5	10.1	9.7	9.4	9.0
6.25°	47.3	33.9	22.1	16.1	11.3	10.9	10.5	10.1	9.7	9.4	9.0
5°	48.5	35.0	22.6	16.6	11.3	10.9	10.6	10.2	9.8	9.4	9.1
3.75°	49.5	35.9	23.0	17.0	11.4	11.0	10.6	10.2	9.8	9.4	9.1
2.5°	50.2	36.6	23.3	17.2	11.4	11.0	10.6	10.2	9.8	9.4	9.1
1.25°	50.6	37.0	23.4	17.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
0°	50.7	37.1	23.5	17.5	11.4	11.0	10.6	10.2	9.8	9.5	9.1
-1.25°	50.6	37.0	23.4	17.4	11.4	11.0	10.6	10.2	9.8	9.4	9.1
-2.5°	50.2	36.6	23.3	17.2	11.4	11.0	10.6	10.2	9.8	9.4	9.1
-3.75°	49.5	35.9	23.0	17.0	11.4	11.0	10.6	10.2	9.8	9.4	9.1
-5°	48.5	35.0	22.6	16.6	11.3	10.9	10.6	10.2	9.8	9.4	9.1
-6.25°	47.3	33.9	22.1	16.1	11.3	10.9	10.5	10.1	9.7	9.4	9.0
-7.5°	45.8	32.4	21.5	15.6	11.3	10.9	10.5	10.1	9.7	9.4	9.0
-8.75°	44.1	30.8	20.8	14.9	11.2	10.8	10.5	10.1	9.7	9.3	9.0
-10°	42.1	28.8	20.0	14.1	11.2	10.8	10.4	10.0	9.6	9.3	8.9
-11.25°	39.8	26.7	19.1	13.2	11.1	10.7	10.4	10.0	9.6	9.3	8.9
-12.5°	37.3	24.3	18.0	12.2	11.1	10.7	10.3	9.9	9.6	9.2	8.9
-13.75°	34.5	22.7	16.9	11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.8
-15°	31.5	21.4	15.7	11.3	10.9	10.5	10.2	9.8	9.5	9.1	8.7
-16.25°	28.2	20.0	14.3	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.7
-17.5°	24.7	18.5	12.9	11.1	10.8	10.4	10.0	9.7	9.3	9.0	8.6
-18.75°	22.4	16.9	11.4	11.0	10.7	10.3	9.9	9.6	9.3	8.9	8.5
-20°	20.6	15.2	11.3	10.9	10.6	10.2	9.8	9.5	9.2	8.8	8.5
-21.25°	18.8	13.4	11.2	10.8	10.5	10.1	9.7	9.4	9.1	8.8	8.4



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	16.8	11.5	11.1	10.7	10.4	10.0	9.7	9.3	9.0	8.7	8.3
-23.75°	14.8	11.3	10.9	10.6	10.2	9.9	9.6	9.3	8.9	8.6	8.3
-25°	12.6	11.1	10.8	10.5	10.1	9.8	9.5	9.2	8.8	8.5	8.3
-26.25°	11.3	11.0	10.7	10.3	10.0	9.7	9.4	9.1	8.7	8.4	8.3
-27.5°	11.2	10.9	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.3	8.3
-28.75°	11.0	10.7	10.4	10.1	9.7	9.4	9.2	8.8	8.5	8.3	8.3
-30°	10.9	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.3	8.3
-31.25°	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.3	8.3
-32.5°	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.4	8.3	8.3	8.3
-33.75°	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.3	8.3	8.2
-35°	10.2	9.9	9.6	9.3	9.1	8.8	8.5	8.3	8.3	8.3	8.1
-36.25°	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.3	8.3	8.2	8.0
-37.5°	9.8	9.5	9.3	9.0	8.7	8.5	8.3	8.3	8.3	8.1	7.8
-38.75°	9.6	9.4	9.1	8.9	8.6	8.3	8.3	8.3	8.2	8.0	7.7
-40°	9.4	9.2	8.9	8.7	8.4	8.3	8.3	8.3	8.1	7.9	7.6
-41.25°	9.2	9.0	8.7	8.5	8.3	8.3	8.3	8.2	8.0	7.7	7.5
-42.5°	9.1	8.8	8.6	8.3	8.3	8.3	8.3	8.1	7.8	7.6	7.3
-43.75°	8.8	8.6	8.4	8.3	8.3	8.3	8.2	7.9	7.7	7.4	7.2
-45°	8.6	8.4	8.3	8.3	8.3	8.2	8.0	7.8	7.5	7.3	7.0
-46.25°	8.4	8.3	8.3	8.3	8.3	8.1	7.8	7.6	7.4	7.1	6.9
-47.5°	8.3	8.3	8.3	8.3	8.1	7.9	7.7	7.5	7.2	7.0	6.7
-48.75°	8.3	8.3	8.3	8.1	7.9	7.7	7.5	7.3	7.0	6.8	6.6
-50°	8.3	8.3	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4
-51.25°	8.3	8.1	7.9	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.3
-52.5°	8.1	7.9	7.7	7.6	7.4	7.2	6.9	6.7	6.5	6.4	6.2
-53.75°	7.9	7.7	7.5	7.4	7.2	6.9	6.8	6.6	6.4	6.2	6.1
-55°	7.7	7.5	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.1	6.1
-56.25°	7.5	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	6.1	6.1
-57.5°	7.2	7.0	6.9	6.7	6.5	6.4	6.2	6.1	6.1	6.1	6.1
-58.75°	7.0	6.8	6.7	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1
-60°	6.7	6.6	6.4	6.3	6.2	6.1	6.1	6.1	6.1	6.1	5.9
-61.25°	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.8
-62.5°	6.3	6.2	6.1	6.1	6.1	6.1	6.1	6.1	5.9	5.7	5.6
-63.75°	6.1	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.7	5.5	5.4
-65°	6.1	6.1	6.1	6.1	6.1	5.9	5.8	5.6	5.5	5.4	5.1
-66.25°	6.1	6.1	6.1	6.0	5.8	5.7	5.6	5.4	5.3	5.0	4.8
-67.5°	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.2	4.9	4.7	4.4
-68.75°	5.8	5.7	5.6	5.5	5.4	5.2	5.0	4.8	4.5	4.3	4.1
-70°	5.6	5.5	5.4	5.2	5.0	4.8	4.6	4.4	4.2	3.9	3.8
-71.25°	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.6
-72.5°	4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.7	3.6	3.5	3.4
-73.75°	4.3	4.2	4.0	3.9	3.7	3.6	3.6	3.5	3.4	3.3	3.2
-75°	3.8	3.7	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0
-76.25°	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8
-77.5°	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6	2.5	2.5
-80°	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.4	2.3	2.3
-81.25°	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.0	1.9
-82.5°	2.3	2.3	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5
-83.75°	1.8	1.8	1.7	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2
-85°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8
-86.25°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
-88.75°	0.3	0.3	0.3	0.3	0.2	0.2	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



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
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°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
83.75°	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6
82.5°	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
81.25°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
80°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0
78.75°	2.4	2.3	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2
77.5°	2.6	2.5	2.4	2.4	2.3	2.2	2.0	1.8	1.7	1.5	1.4
76.25°	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.1	1.9	1.8	1.6
75°	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.8
73.75°	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0
72.5°	3.3	3.2	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.2
71.25°	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3
70°	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.4
68.75°	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5
67.5°	4.2	3.9	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.8	2.6
66.25°	4.5	4.2	4.0	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7
65°	4.8	4.6	4.3	4.0	3.7	3.6	3.4	3.3	3.1	2.9	2.8
63.75°	5.2	4.9	4.6	4.3	4.0	3.7	3.6	3.4	3.2	3.0	2.9
62.5°	5.4	5.2	4.9	4.6	4.2	3.9	3.7	3.5	3.3	3.2	3.0
61.25°	5.6	5.4	5.2	4.8	4.5	4.2	3.8	3.6	3.4	3.3	3.1
60°	5.8	5.6	5.4	5.1	4.8	4.4	4.1	3.8	3.6	3.4	3.2
58.75°	5.9	5.7	5.5	5.4	5.0	4.7	4.3	3.9	3.7	3.5	3.3
57.5°	6.1	5.9	5.7	5.5	5.3	4.9	4.5	4.2	3.8	3.6	3.4
56.25°	6.1	6.1	5.9	5.6	5.4	5.2	4.8	4.4	4.0	3.7	3.5
55°	6.1	6.1	6.0	5.8	5.6	5.4	5.0	4.6	4.2	3.8	3.6
53.75°	6.1	6.1	6.1	5.9	5.7	5.5	5.2	4.8	4.4	3.9	3.6
52.5°	6.1	6.1	6.1	6.1	5.8	5.6	5.4	5.0	4.6	4.1	3.7
51.25°	6.1	6.1	6.1	6.1	6.0	5.7	5.5	5.2	4.8	4.3	3.9
50°	6.2	6.1	6.1	6.1	6.1	5.9	5.6	5.4	5.0	4.5	4.0
48.75°	6.4	6.2	6.1	6.1	6.1	6.0	5.7	5.5	5.1	4.7	4.2
47.5°	6.5	6.3	6.1	6.1	6.1	6.1	5.8	5.6	5.3	4.8	4.3
46.25°	6.6	6.4	6.2	6.1	6.1	6.1	5.9	5.7	5.4	5.0	4.5
45°	6.8	6.5	6.3	6.1	6.1	6.1	6.1	5.8	5.5	5.2	4.6
43.75°	6.9	6.7	6.4	6.2	6.1	6.1	6.1	5.9	5.6	5.3	4.8
42.5°	7.0	6.8	6.5	6.3	6.1	6.1	6.1	6.0	5.7	5.4	4.9
41.25°	7.2	6.9	6.6	6.4	6.1	6.1	6.1	6.1	5.8	5.5	5.1
40°	7.3	7.0	6.7	6.5	6.2	6.1	6.1	6.1	5.9	5.6	5.2
38.75°	7.5	7.2	6.9	6.6	6.3	6.1	6.1	6.1	5.9	5.6	5.3
37.5°	7.6	7.3	7.0	6.7	6.4	6.1	6.1	6.1	6.0	5.7	5.4
36.25°	7.7	7.4	7.1	6.8	6.5	6.2	6.1	6.1	6.1	5.8	5.5
35°	7.8	7.5	7.2	6.9	6.6	6.3	6.1	6.1	6.1	5.9	5.5



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	6.1	6.1	5.9	5.6
32.5°	8.0	7.7	7.4	7.1	6.8	6.5	6.2	6.1	6.1	6.0	5.7
31.25°	8.1	7.8	7.5	7.2	6.8	6.5	6.3	6.1	6.1	6.1	5.7
30°	8.2	7.9	7.6	7.3	6.9	6.6	6.3	6.1	6.1	6.1	5.8
28.75°	8.3	8.0	7.7	7.4	7.0	6.7	6.4	6.1	6.1	6.1	5.8
27.5°	8.3	8.1	7.8	7.4	7.1	6.8	6.5	6.1	6.1	6.1	5.9
26.25°	8.3	8.2	7.8	7.5	7.2	6.8	6.5	6.2	6.1	6.1	6.0
25°	8.3	8.2	7.9	7.6	7.3	6.9	6.6	6.3	6.1	6.1	6.0
23.75°	8.3	8.3	8.0	7.7	7.3	7.0	6.6	6.3	6.1	6.1	6.0
22.5°	8.3	8.3	8.1	7.7	7.4	7.0	6.7	6.4	6.1	6.1	6.1
21.25°	8.3	8.3	8.1	7.8	7.5	7.1	6.7	6.4	6.1	6.1	6.1
20°	8.3	8.3	8.2	7.9	7.5	7.1	6.8	6.4	6.1	6.1	6.1
18.75°	8.3	8.3	8.2	7.9	7.6	7.2	6.8	6.5	6.2	6.1	6.1
17.5°	8.3	8.3	8.3	8.0	7.6	7.2	6.9	6.5	6.2	6.1	6.1
16.25°	8.3	8.3	8.3	8.0	7.7	7.3	6.9	6.6	6.2	6.1	6.1
15°	8.4	8.3	8.3	8.0	7.7	7.3	7.0	6.6	6.3	6.1	6.1
13.75°	8.4	8.3	8.3	8.1	7.7	7.4	7.0	6.6	6.3	6.1	6.1
12.5°	8.5	8.3	8.3	8.1	7.8	7.4	7.0	6.7	6.3	6.1	6.1
11.25°	8.5	8.3	8.3	8.2	7.8	7.5	7.1	6.7	6.3	6.1	6.1
10°	8.5	8.3	8.3	8.2	7.8	7.5	7.1	6.7	6.4	6.1	6.1
8.75°	8.6	8.3	8.3	8.2	7.9	7.5	7.1	6.7	6.4	6.1	6.1
7.5°	8.6	8.3	8.3	8.2	7.9	7.5	7.1	6.8	6.4	6.1	6.1
6.25°	8.6	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
5°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
3.75°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
2.5°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
1.25°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
0°	8.7	8.3	8.3	8.3	8.0	7.6	7.2	6.8	6.5	6.1	6.1
-1.25°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
-2.5°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
-3.75°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
-5°	8.7	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
-6.25°	8.6	8.3	8.3	8.3	7.9	7.6	7.2	6.8	6.4	6.1	6.1
-7.5°	8.6	8.3	8.3	8.2	7.9	7.5	7.1	6.8	6.4	6.1	6.1
-8.75°	8.6	8.3	8.3	8.2	7.9	7.5	7.1	6.7	6.4	6.1	6.1
-10°	8.5	8.3	8.3	8.2	7.8	7.5	7.1	6.7	6.4	6.1	6.1
-11.25°	8.5	8.3	8.3	8.2	7.8	7.5	7.1	6.7	6.3	6.1	6.1
-12.5°	8.5	8.3	8.3	8.1	7.8	7.4	7.0	6.7	6.3	6.1	6.1
-13.75°	8.4	8.3	8.3	8.1	7.7	7.4	7.0	6.6	6.3	6.1	6.1
-15°	8.4	8.3	8.3	8.0	7.7	7.3	7.0	6.6	6.3	6.1	6.1
-16.25°	8.3	8.3	8.3	8.0	7.7	7.3	6.9	6.6	6.2	6.1	6.1
-17.5°	8.3	8.3	8.3	8.0	7.6	7.2	6.9	6.5	6.2	6.1	6.1
-18.75°	8.3	8.3	8.2	7.9	7.6	7.2	6.8	6.5	6.2	6.1	6.1
-20°	8.3	8.3	8.2	7.9	7.5	7.1	6.8	6.4	6.1	6.1	6.1
-21.25°	8.3	8.3	8.1	7.8	7.5	7.1	6.7	6.4	6.1	6.1	6.1



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	8.3	8.3	8.1	7.7	7.4	7.0	6.7	6.4	6.1	6.1	6.1
-23.75°	8.3	8.3	8.0	7.7	7.3	7.0	6.6	6.3	6.1	6.1	6.0
-25°	8.3	8.2	7.9	7.6	7.3	6.9	6.6	6.3	6.1	6.1	6.0
-26.25°	8.3	8.2	7.8	7.5	7.2	6.8	6.5	6.2	6.1	6.1	6.0
-27.5°	8.3	8.1	7.8	7.4	7.1	6.8	6.5	6.1	6.1	6.1	5.9
-28.75°	8.3	8.0	7.7	7.4	7.0	6.7	6.4	6.1	6.1	6.1	5.8
-30°	8.2	7.9	7.6	7.3	6.9	6.6	6.3	6.1	6.1	6.1	5.8
-31.25°	8.1	7.8	7.5	7.2	6.8	6.5	6.3	6.1	6.1	6.1	5.7
-32.5°	8.0	7.7	7.4	7.1	6.8	6.5	6.2	6.1	6.1	6.0	5.7
-33.75°	7.9	7.6	7.3	7.0	6.7	6.4	6.1	6.1	6.1	5.9	5.6
-35°	7.8	7.5	7.2	6.9	6.6	6.3	6.1	6.1	6.1	5.9	5.5
-36.25°	7.7	7.4	7.1	6.8	6.5	6.2	6.1	6.1	6.1	5.8	5.5
-37.5°	7.6	7.3	7.0	6.7	6.4	6.1	6.1	6.1	6.0	5.7	5.4
-38.75°	7.5	7.2	6.9	6.6	6.3	6.1	6.1	6.1	5.9	5.6	5.3
-40°	7.3	7.0	6.7	6.5	6.2	6.1	6.1	6.1	5.9	5.6	5.2
-41.25°	7.2	6.9	6.6	6.4	6.1	6.1	6.1	6.1	5.8	5.5	5.1
-42.5°	7.0	6.8	6.5	6.3	6.1	6.1	6.1	6.0	5.7	5.4	4.9
-43.75°	6.9	6.7	6.4	6.2	6.1	6.1	6.1	5.9	5.6	5.3	4.8
-45°	6.8	6.5	6.3	6.1	6.1	6.1	6.1	5.8	5.5	5.2	4.6
-46.25°	6.6	6.4	6.2	6.1	6.1	6.1	5.9	5.7	5.4	5.0	4.5
-47.5°	6.5	6.3	6.1	6.1	6.1	6.1	5.8	5.6	5.3	4.8	4.3
-48.75°	6.4	6.2	6.1	6.1	6.1	6.0	5.7	5.5	5.1	4.7	4.2
-50°	6.2	6.1	6.1	6.1	6.1	5.9	5.6	5.4	5.0	4.5	4.0
-51.25°	6.1	6.1	6.1	6.1	6.0	5.7	5.5	5.2	4.8	4.3	3.9
-52.5°	6.1	6.1	6.1	6.1	5.8	5.6	5.4	5.0	4.6	4.1	3.7
-53.75°	6.1	6.1	6.1	5.9	5.7	5.5	5.2	4.8	4.4	3.9	3.6
-55°	6.1	6.1	6.0	5.8	5.6	5.4	5.0	4.6	4.2	3.8	3.6
-56.25°	6.1	6.1	5.9	5.6	5.4	5.2	4.8	4.4	4.0	3.7	3.5
-57.5°	6.1	5.9	5.7	5.5	5.3	4.9	4.5	4.2	3.8	3.6	3.4
-58.75°	5.9	5.7	5.5	5.4	5.0	4.7	4.3	3.9	3.7	3.5	3.3
-60°	5.8	5.6	5.4	5.1	4.8	4.4	4.1	3.8	3.6	3.4	3.2
-61.25°	5.6	5.4	5.2	4.8	4.5	4.2	3.8	3.6	3.4	3.3	3.1
-62.5°	5.4	5.2	4.9	4.6	4.2	3.9	3.7	3.5	3.3	3.2	3.0
-63.75°	5.2	4.9	4.6	4.3	4.0	3.7	3.6	3.4	3.2	3.0	2.9
-65°	4.8	4.6	4.3	4.0	3.7	3.6	3.4	3.3	3.1	2.9	2.8
-66.25°	4.5	4.2	4.0	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7
-67.5°	4.2	3.9	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.8	2.6
-68.75°	3.8	3.7	3.6	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5
-70°	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7	2.6	2.4
-71.25°	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3
-72.5°	3.3	3.2	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.2
-73.75°	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0
-75°	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.8
-76.25°	2.7	2.7	2.6	2.5	2.4	2.4	2.3	2.1	1.9	1.8	1.6
-77.5°	2.6	2.5	2.4	2.4	2.3	2.2	2.0	1.8	1.7	1.5	1.4



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	2.4	2.3	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2
-80°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0
-81.25°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-82.5°	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7
-83.75°	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6
-85°	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4
-86.25°	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3
-87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	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



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
86.25°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
85°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
83.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
82.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
81.25°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
80°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
78.75°	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
77.5°	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2
76.25°	1.4	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
75°	1.6	1.4	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2
73.75°	1.8	1.6	1.4	1.2	1.0	0.8	0.7	0.6	0.4	0.3	0.2
72.5°	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.2
71.25°	2.2	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.5	0.4	0.3
70°	2.3	2.1	1.8	1.6	1.3	1.1	0.8	0.7	0.5	0.4	0.3
68.75°	2.4	2.3	2.0	1.7	1.5	1.2	0.9	0.7	0.6	0.4	0.3
67.5°	2.5	2.4	2.2	1.9	1.6	1.3	1.0	0.8	0.6	0.5	0.3
66.25°	2.6	2.4	2.3	2.0	1.7	1.4	1.1	0.8	0.6	0.5	0.3
65°	2.7	2.5	2.4	2.1	1.8	1.5	1.2	0.9	0.7	0.5	0.3
63.75°	2.7	2.6	2.4	2.3	1.9	1.6	1.3	1.0	0.7	0.5	0.4
62.5°	2.8	2.7	2.5	2.3	2.1	1.7	1.4	1.0	0.7	0.6	0.4
61.25°	2.9	2.7	2.6	2.4	2.2	1.8	1.5	1.1	0.8	0.6	0.4
60°	3.0	2.8	2.6	2.5	2.3	1.9	1.5	1.2	0.8	0.6	0.4
58.75°	3.1	2.9	2.7	2.5	2.3	2.0	1.6	1.2	0.9	0.6	0.4
57.5°	3.2	3.0	2.8	2.6	2.4	2.1	1.7	1.3	0.9	0.6	0.4
56.25°	3.2	3.0	2.8	2.6	2.5	2.2	1.8	1.4	1.0	0.7	0.4
55°	3.3	3.1	2.9	2.7	2.5	2.3	1.9	1.4	1.0	0.7	0.5
53.75°	3.4	3.2	3.0	2.8	2.6	2.3	2.0	1.5	1.1	0.7	0.5
52.5°	3.5	3.3	3.0	2.8	2.6	2.4	2.0	1.6	1.1	0.7	0.5
51.25°	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.6	1.2	0.8	0.5
50°	3.7	3.4	3.2	2.9	2.7	2.5	2.2	1.7	1.2	0.8	0.5
48.75°	3.7	3.5	3.2	3.0	2.7	2.5	2.3	1.8	1.3	0.8	0.5
47.5°	3.8	3.6	3.3	3.0	2.8	2.6	2.3	1.8	1.3	0.8	0.5
46.25°	4.0	3.6	3.4	3.1	2.8	2.6	2.4	1.9	1.4	0.9	0.6
45°	4.1	3.7	3.4	3.1	2.9	2.6	2.4	1.9	1.4	0.9	0.6
43.75°	4.3	3.8	3.5	3.2	2.9	2.7	2.4	2.0	1.5	0.9	0.6
42.5°	4.4	3.9	3.5	3.2	3.0	2.7	2.4	2.1	1.5	1.0	0.6
41.25°	4.5	4.0	3.6	3.3	3.0	2.7	2.5	2.1	1.6	1.0	0.6
40°	4.7	4.1	3.7	3.4	3.0	2.8	2.5	2.2	1.6	1.0	0.6
38.75°	4.8	4.2	3.7	3.4	3.1	2.8	2.5	2.2	1.6	1.1	0.6
37.5°	4.9	4.3	3.8	3.4	3.1	2.8	2.6	2.3	1.7	1.1	0.6
36.25°	5.0	4.4	3.8	3.5	3.2	2.9	2.6	2.3	1.7	1.1	0.6
35°	5.1	4.5	3.9	3.5	3.2	2.9	2.6	2.3	1.8	1.1	0.7



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	5.3	4.6	4.0	3.6	3.3	2.9	2.6	2.4	1.8	1.2	0.7
32.5°	5.3	4.7	4.1	3.6	3.3	3.0	2.7	2.4	1.8	1.2	0.7
31.25°	5.4	4.8	4.2	3.7	3.3	3.0	2.7	2.4	1.9	1.2	0.7
30°	5.4	4.9	4.3	3.7	3.4	3.0	2.7	2.4	1.9	1.2	0.7
28.75°	5.5	5.0	4.4	3.8	3.4	3.1	2.7	2.4	1.9	1.3	0.7
27.5°	5.5	5.1	4.4	3.8	3.4	3.1	2.8	2.5	2.0	1.3	0.7
26.25°	5.6	5.2	4.5	3.8	3.5	3.1	2.8	2.5	2.0	1.3	0.7
25°	5.6	5.3	4.6	3.9	3.5	3.1	2.8	2.5	2.0	1.3	0.7
23.75°	5.7	5.3	4.7	4.0	3.5	3.2	2.8	2.5	2.0	1.4	0.7
22.5°	5.7	5.4	4.7	4.0	3.6	3.2	2.8	2.5	2.1	1.4	0.7
21.25°	5.8	5.4	4.8	4.1	3.6	3.2	2.9	2.5	2.1	1.4	0.7
20°	5.8	5.4	4.8	4.1	3.6	3.2	2.9	2.5	2.1	1.4	0.8
18.75°	5.8	5.5	4.9	4.2	3.6	3.3	2.9	2.6	2.1	1.4	0.8
17.5°	5.9	5.5	4.9	4.2	3.7	3.3	2.9	2.6	2.2	1.4	0.8
16.25°	5.9	5.5	5.0	4.3	3.7	3.3	2.9	2.6	2.2	1.5	0.8
15°	5.9	5.5	5.0	4.3	3.7	3.3	2.9	2.6	2.2	1.5	0.8
13.75°	6.0	5.6	5.1	4.4	3.7	3.3	2.9	2.6	2.2	1.5	0.8
12.5°	6.0	5.6	5.1	4.4	3.7	3.3	2.9	2.6	2.2	1.5	0.8
11.25°	6.0	5.6	5.2	4.4	3.7	3.3	3.0	2.6	2.2	1.5	0.8
10°	6.0	5.6	5.2	4.4	3.8	3.4	3.0	2.6	2.3	1.5	0.8
8.75°	6.0	5.6	5.2	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
7.5°	6.1	5.7	5.2	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
6.25°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
5°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
3.75°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
2.5°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
1.25°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
0°	6.1	5.7	5.3	4.6	3.8	3.4	3.0	2.7	2.3	1.6	0.8
-1.25°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-2.5°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-3.75°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-5°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-6.25°	6.1	5.7	5.3	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-7.5°	6.1	5.7	5.2	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-8.75°	6.0	5.6	5.2	4.5	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-10°	6.0	5.6	5.2	4.4	3.8	3.4	3.0	2.6	2.3	1.5	0.8
-11.25°	6.0	5.6	5.2	4.4	3.7	3.3	3.0	2.6	2.2	1.5	0.8
-12.5°	6.0	5.6	5.1	4.4	3.7	3.3	2.9	2.6	2.2	1.5	0.8
-13.75°	6.0	5.6	5.1	4.4	3.7	3.3	2.9	2.6	2.2	1.5	0.8
-15°	5.9	5.5	5.0	4.3	3.7	3.3	2.9	2.6	2.2	1.5	0.8
-16.25°	5.9	5.5	5.0	4.3	3.7	3.3	2.9	2.6	2.2	1.5	0.8
-17.5°	5.9	5.5	4.9	4.2	3.7	3.3	2.9	2.6	2.2	1.4	0.8
-18.75°	5.8	5.5	4.9	4.2	3.6	3.3	2.9	2.6	2.1	1.4	0.8
-20°	5.8	5.4	4.8	4.1	3.6	3.2	2.9	2.5	2.1	1.4	0.8
-21.25°	5.8	5.4	4.8	4.1	3.6	3.2	2.9	2.5	2.1	1.4	0.7



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	5.7	5.4	4.7	4.0	3.6	3.2	2.8	2.5	2.1	1.4	0.7
-23.75°	5.7	5.3	4.7	4.0	3.5	3.2	2.8	2.5	2.0	1.4	0.7
-25°	5.6	5.3	4.6	3.9	3.5	3.1	2.8	2.5	2.0	1.3	0.7
-26.25°	5.6	5.2	4.5	3.8	3.5	3.1	2.8	2.5	2.0	1.3	0.7
-27.5°	5.5	5.1	4.4	3.8	3.4	3.1	2.8	2.5	2.0	1.3	0.7
-28.75°	5.5	5.0	4.4	3.8	3.4	3.1	2.7	2.4	1.9	1.3	0.7
-30°	5.4	4.9	4.3	3.7	3.4	3.0	2.7	2.4	1.9	1.2	0.7
-31.25°	5.4	4.8	4.2	3.7	3.3	3.0	2.7	2.4	1.9	1.2	0.7
-32.5°	5.3	4.7	4.1	3.6	3.3	3.0	2.7	2.4	1.8	1.2	0.7
-33.75°	5.3	4.6	4.0	3.6	3.3	2.9	2.6	2.4	1.8	1.2	0.7
-35°	5.1	4.5	3.9	3.5	3.2	2.9	2.6	2.3	1.8	1.1	0.7
-36.25°	5.0	4.4	3.8	3.5	3.2	2.9	2.6	2.3	1.7	1.1	0.6
-37.5°	4.9	4.3	3.8	3.4	3.1	2.8	2.6	2.3	1.7	1.1	0.6
-38.75°	4.8	4.2	3.7	3.4	3.1	2.8	2.5	2.2	1.6	1.1	0.6
-40°	4.7	4.1	3.7	3.4	3.0	2.8	2.5	2.2	1.6	1.0	0.6
-41.25°	4.5	4.0	3.6	3.3	3.0	2.7	2.5	2.1	1.6	1.0	0.6
-42.5°	4.4	3.9	3.5	3.2	3.0	2.7	2.4	2.1	1.5	1.0	0.6
-43.75°	4.3	3.8	3.5	3.2	2.9	2.7	2.4	2.0	1.5	0.9	0.6
-45°	4.1	3.7	3.4	3.1	2.9	2.6	2.4	1.9	1.4	0.9	0.6
-46.25°	4.0	3.6	3.4	3.1	2.8	2.6	2.4	1.9	1.4	0.9	0.6
-47.5°	3.8	3.6	3.3	3.0	2.8	2.6	2.3	1.8	1.3	0.8	0.5
-48.75°	3.7	3.5	3.2	3.0	2.7	2.5	2.3	1.8	1.3	0.8	0.5
-50°	3.7	3.4	3.2	2.9	2.7	2.5	2.2	1.7	1.2	0.8	0.5
-51.25°	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.6	1.2	0.8	0.5
-52.5°	3.5	3.3	3.0	2.8	2.6	2.4	2.0	1.6	1.1	0.7	0.5
-53.75°	3.4	3.2	3.0	2.8	2.6	2.3	2.0	1.5	1.1	0.7	0.5
-55°	3.3	3.1	2.9	2.7	2.5	2.3	1.9	1.4	1.0	0.7	0.5
-56.25°	3.2	3.0	2.8	2.6	2.5	2.2	1.8	1.4	1.0	0.7	0.4
-57.5°	3.2	3.0	2.8	2.6	2.4	2.1	1.7	1.3	0.9	0.6	0.4
-58.75°	3.1	2.9	2.7	2.5	2.3	2.0	1.6	1.2	0.9	0.6	0.4
-60°	3.0	2.8	2.6	2.5	2.3	1.9	1.5	1.2	0.8	0.6	0.4
-61.25°	2.9	2.7	2.6	2.4	2.2	1.8	1.5	1.1	0.8	0.6	0.4
-62.5°	2.8	2.7	2.5	2.3	2.1	1.7	1.4	1.0	0.7	0.6	0.4
-63.75°	2.7	2.6	2.4	2.3	1.9	1.6	1.3	1.0	0.7	0.5	0.4
-65°	2.7	2.5	2.4	2.1	1.8	1.5	1.2	0.9	0.7	0.5	0.3
-66.25°	2.6	2.4	2.3	2.0	1.7	1.4	1.1	0.8	0.6	0.5	0.3
-67.5°	2.5	2.4	2.2	1.9	1.6	1.3	1.0	0.8	0.6	0.5	0.3
-68.75°	2.4	2.3	2.0	1.7	1.5	1.2	0.9	0.7	0.6	0.4	0.3
-70°	2.3	2.1	1.8	1.6	1.3	1.1	0.8	0.7	0.5	0.4	0.3
-71.25°	2.2	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.5	0.4	0.3
-72.5°	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.6	0.5	0.4	0.2
-73.75°	1.8	1.6	1.4	1.2	1.0	0.8	0.7	0.6	0.4	0.3	0.2
-75°	1.6	1.4	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-76.25°	1.4	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-77.5°	1.2	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-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°	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2	0.2
-80°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1
-81.25°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-82.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-83.75°	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1
-85°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-86.25°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-87.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-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: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.3	0.0
32.5°	0.3	0.0
31.25°	0.3	0.0
30°	0.3	0.0
28.75°	0.4	0.0
27.5°	0.4	0.0
26.25°	0.4	0.0
25°	0.4	0.0
23.75°	0.4	0.0
22.5°	0.4	0.0
21.25°	0.4	0.0
20°	0.4	0.0
18.75°	0.4	0.0
17.5°	0.4	0.0
16.25°	0.4	0.0
15°	0.4	0.0
13.75°	0.4	0.0
12.5°	0.4	0.0
11.25°	0.4	0.0
10°	0.4	0.0
8.75°	0.4	0.0
7.5°	0.4	0.0
6.25°	0.4	0.0
5°	0.4	0.0
3.75°	0.4	0.0
2.5°	0.4	0.0
1.25°	0.4	0.0
0°	0.4	0.0
-1.25°	0.4	0.0
-2.5°	0.4	0.0
-3.75°	0.4	0.0
-5°	0.4	0.0
-6.25°	0.4	0.0
-7.5°	0.4	0.0
-8.75°	0.4	0.0
-10°	0.4	0.0
-11.25°	0.4	0.0
-12.5°	0.4	0.0
-13.75°	0.4	0.0
-15°	0.4	0.0
-16.25°	0.4	0.0
-17.5°	0.4	0.0
-18.75°	0.4	0.0
-20°	0.4	0.0
-21.25°	0.4	0.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.4	0.0
-23.75°	0.4	0.0
-25°	0.4	0.0
-26.25°	0.4	0.0
-27.5°	0.4	0.0
-28.75°	0.4	0.0
-30°	0.3	0.0
-31.25°	0.3	0.0
-32.5°	0.3	0.0
-33.75°	0.3	0.0
-35°	0.3	0.0
-36.25°	0.3	0.0
-37.5°	0.3	0.0
-38.75°	0.3	0.0
-40°	0.3	0.0
-41.25°	0.3	0.0
-42.5°	0.3	0.0
-43.75°	0.3	0.0
-45°	0.3	0.0
-46.25°	0.3	0.0
-47.5°	0.3	0.0
-48.75°	0.3	0.0
-50°	0.3	0.0
-51.25°	0.3	0.0
-52.5°	0.2	0.0
-53.75°	0.2	0.0
-55°	0.2	0.0
-56.25°	0.2	0.0
-57.5°	0.2	0.0
-58.75°	0.2	0.0
-60°	0.2	0.0
-61.25°	0.2	0.0
-62.5°	0.2	0.0
-63.75°	0.2	0.0
-65°	0.2	0.0
-66.25°	0.2	0.0
-67.5°	0.2	0.0
-68.75°	0.1	0.0
-70°	0.1	0.0
-71.25°	0.1	0.0
-72.5°	0.1	0.0
-73.75°	0.1	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P220329 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)