

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: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

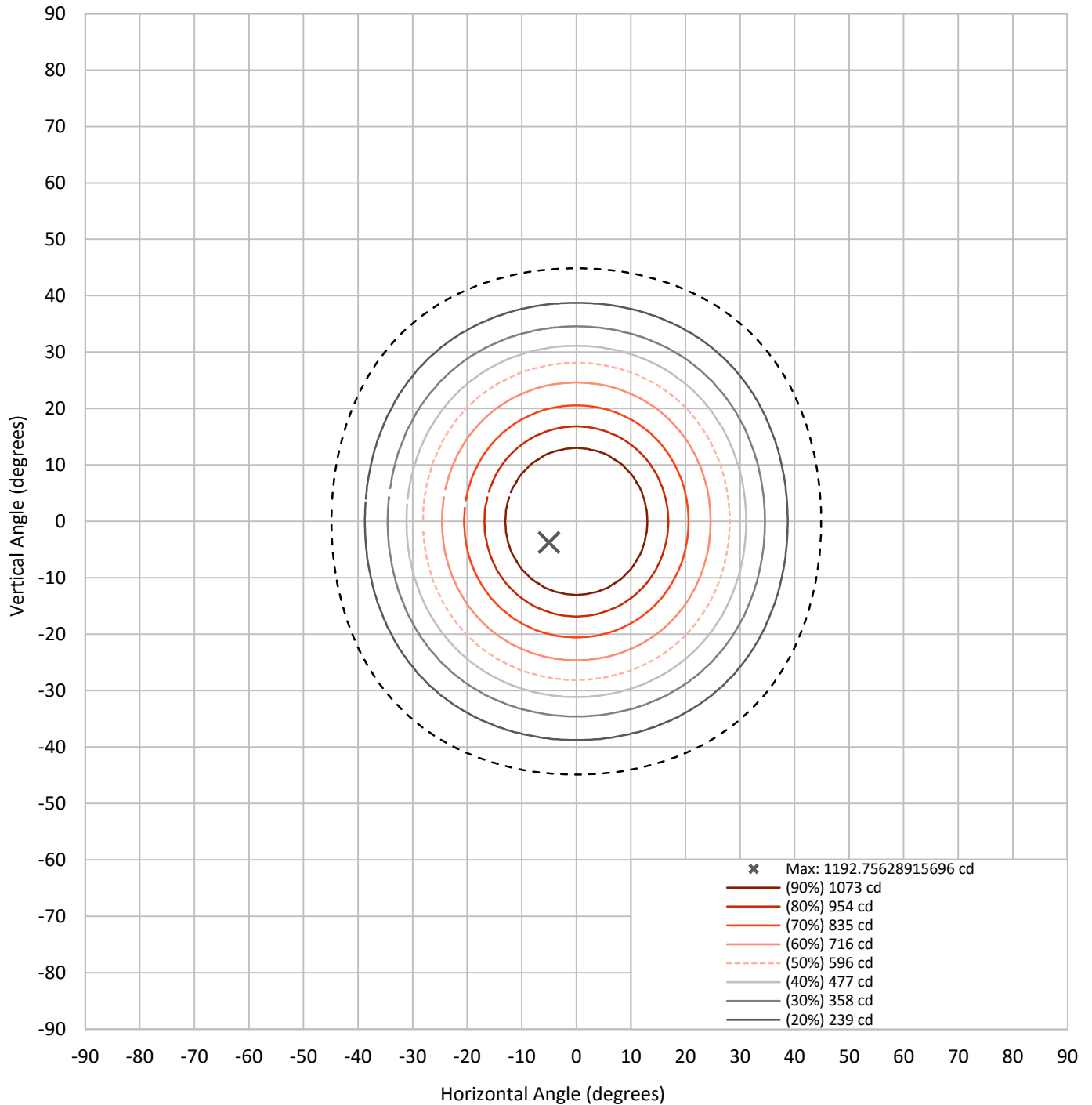
Test Method: LM-79-08
Report Number: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29412)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,
WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1056.2 lumens	Max Intensity:	1192.8 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	105.6 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:	656.4 lumens	Field Lumens:	986.7 lumens
Beam Efficiency:	62.1%	Field Efficiency:	93.4%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (A _{in}):	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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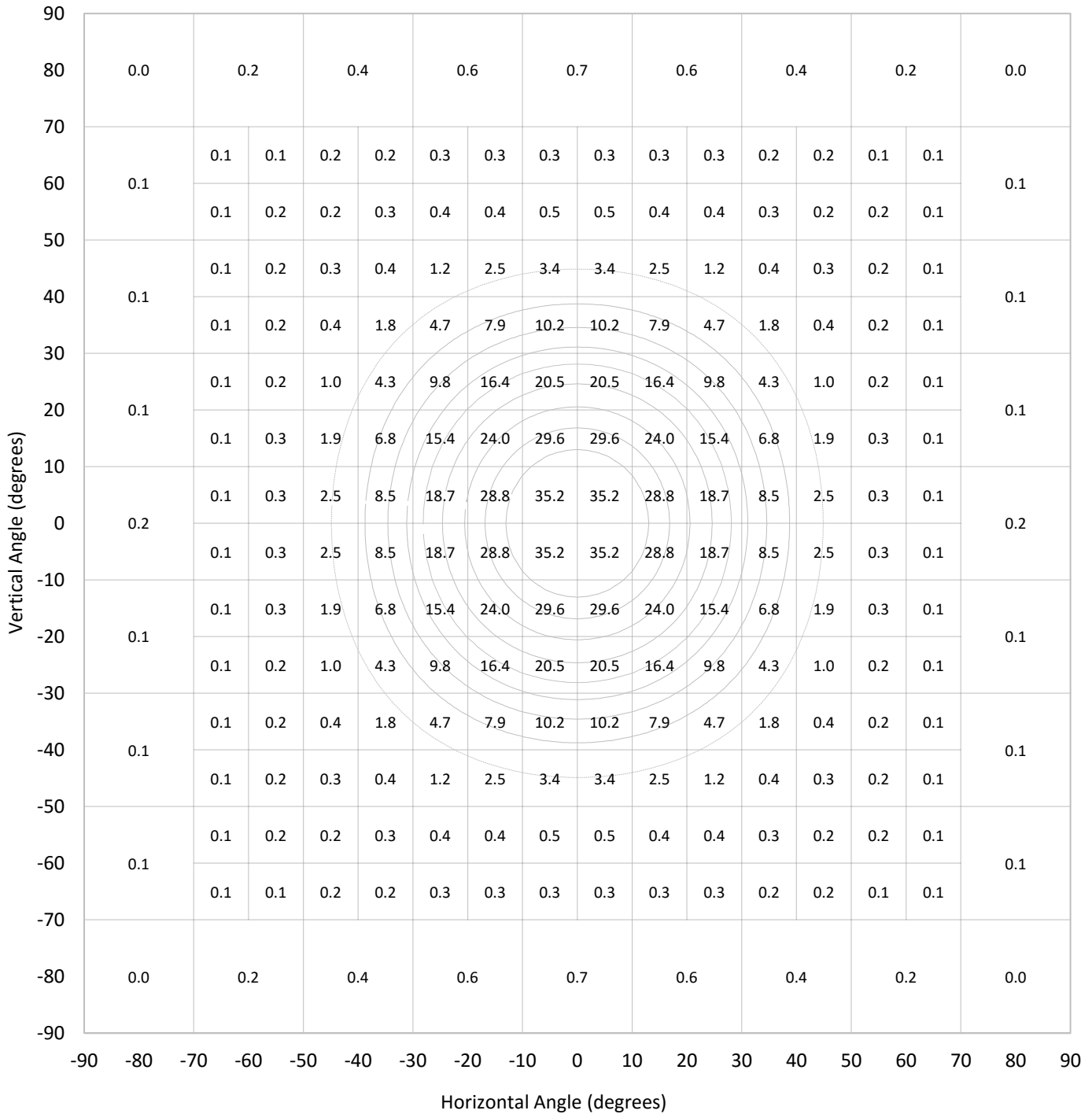
Iso-Candela Plot





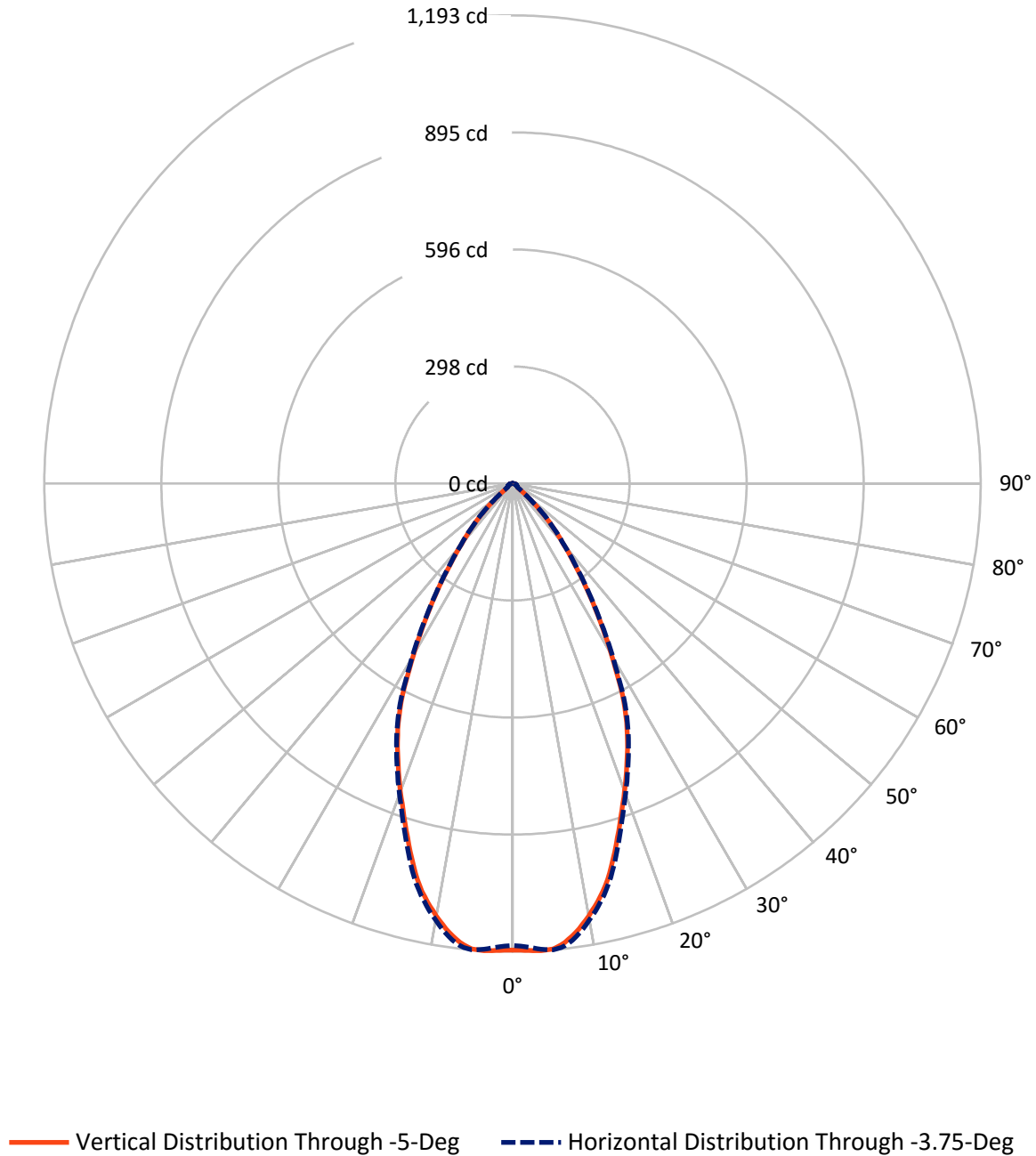
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Lumen Table



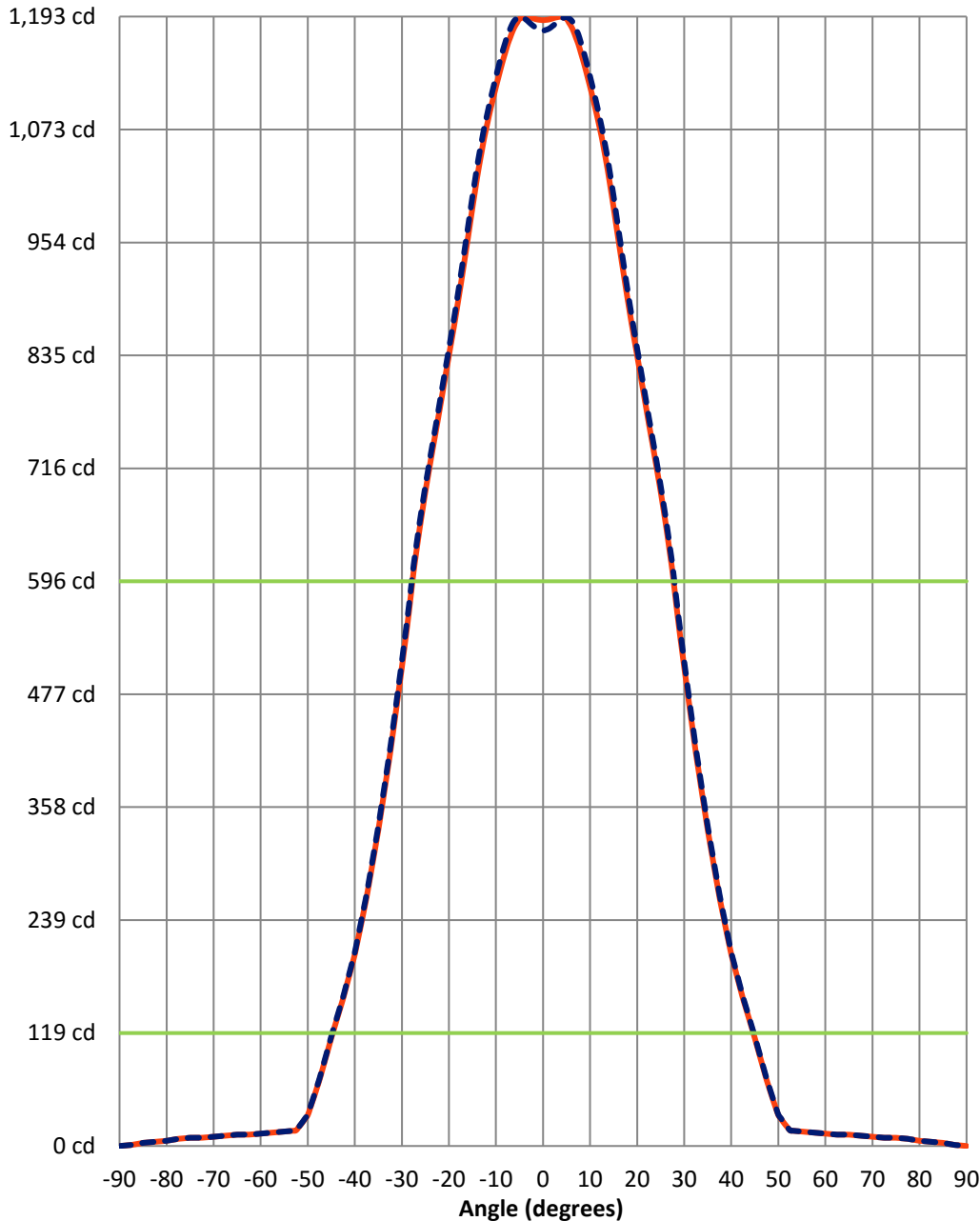
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 55.8°
 V Angle: 55.5°
 Lumens: 656.4
 Efficiency: 62.1%

Field:
 H Angle: 89.6°
 V Angle: 89.4°
 Lumens: 986.7
 Efficiency: 93.4%

Spill:
 Lumens: 69.4
 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	0.1	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	0.2	0.2	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
83.75°	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	0.3	0.4	0.4	0.5	0.6	0.6	0.7
81.25°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1
77.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.3
76.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.5
75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.4	1.7
73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.7	2.0
72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.5	1.9	2.2
71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.4
70°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.5	1.9	2.3	2.6
68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.1	2.5	2.9
67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.4	1.8	2.3	2.7	3.1
66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.6	2.0	2.4	2.9	3.3
65°	0.0	0.2	0.5	0.7	0.9	1.2	1.7	2.1	2.6	3.1	3.4
63.75°	0.0	0.2	0.5	0.7	1.0	1.3	1.8	2.3	2.8	3.3	3.5
62.5°	0.0	0.3	0.5	0.8	1.0	1.4	1.9	2.4	2.9	3.4	3.6
61.25°	0.0	0.3	0.5	0.8	1.1	1.5	2.1	2.6	3.1	3.5	3.7
60°	0.0	0.3	0.5	0.8	1.1	1.6	2.2	2.7	3.3	3.6	3.8
58.75°	0.0	0.3	0.6	0.9	1.2	1.7	2.3	2.9	3.4	3.7	3.9
57.5°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.5	3.7	4.0
56.25°	0.0	0.3	0.6	0.9	1.3	2.0	2.6	3.2	3.5	3.8	4.1
55°	0.0	0.3	0.6	0.9	1.4	2.1	2.7	3.3	3.6	3.9	4.2
53.75°	0.0	0.3	0.7	1.0	1.5	2.1	2.8	3.4	3.7	4.0	4.3
52.5°	0.0	0.3	0.7	1.0	1.6	2.2	2.9	3.4	3.8	4.1	4.4
51.25°	0.0	0.3	0.7	1.0	1.7	2.3	3.0	3.5	3.8	4.2	4.5
50°	0.0	0.4	0.7	1.1	1.7	2.4	3.1	3.6	3.9	4.3	4.6
48.75°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.6	4.0	4.4	4.7
47.5°	0.0	0.4	0.7	1.1	1.9	2.6	3.3	3.7	4.1	4.4	4.8
46.25°	0.0	0.4	0.8	1.2	1.9	2.7	3.4	3.8	4.1	4.5	4.9
45°	0.0	0.4	0.8	1.2	2.0	2.8	3.4	3.8	4.2	4.6	5.0
43.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.5	3.9	4.3	4.7	5.1
42.5°	0.0	0.4	0.8	1.3	2.1	3.0	3.5	3.9	4.3	4.7	5.1
41.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.6	4.0	4.4	4.8	5.2
40°	0.0	0.4	0.8	1.4	2.3	3.1	3.6	4.0	4.5	4.9	5.3
38.75°	0.0	0.4	0.9	1.5	2.3	3.2	3.7	4.1	4.5	5.0	5.4
37.5°	0.0	0.4	0.9	1.5	2.4	3.3	3.7	4.1	4.6	5.0	5.5
36.25°	0.0	0.4	0.9	1.6	2.4	3.3	3.8	4.2	4.6	5.1	5.5
35°	0.0	0.5	0.9	1.6	2.5	3.4	3.8	4.2	4.7	5.1	5.7



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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	0.5	0.9	1.6	2.6	3.4	3.8	4.3	4.8	5.2	5.8
32.5°	0.0	0.5	0.9	1.7	2.6	3.4	3.9	4.3	4.8	5.3	5.9
31.25°	0.0	0.5	0.9	1.7	2.7	3.4	3.9	4.4	4.9	5.3	6.1
30°	0.0	0.5	1.0	1.8	2.7	3.5	4.0	4.4	4.9	5.4	6.2
28.75°	0.0	0.5	1.0	1.8	2.8	3.5	4.0	4.5	5.0	5.4	6.3
27.5°	0.0	0.5	1.0	1.8	2.8	3.5	4.0	4.5	5.0	5.5	6.4
26.25°	0.0	0.5	1.0	1.9	2.8	3.6	4.1	4.6	5.0	5.6	6.5
25°	0.0	0.5	1.0	1.9	2.9	3.6	4.1	4.6	5.1	5.7	6.6
23.75°	0.0	0.5	1.0	1.9	2.9	3.6	4.1	4.6	5.1	5.7	6.7
22.5°	0.0	0.5	1.0	1.9	3.0	3.6	4.1	4.7	5.2	5.8	6.8
21.25°	0.0	0.5	1.0	2.0	3.0	3.7	4.2	4.7	5.2	5.9	6.9
20°	0.0	0.5	1.0	2.0	3.0	3.7	4.2	4.7	5.2	6.0	7.0
18.75°	0.0	0.5	1.0	2.0	3.1	3.7	4.2	4.7	5.3	6.0	7.0
17.5°	0.0	0.5	1.0	2.0	3.1	3.7	4.2	4.8	5.3	6.1	7.1
16.25°	0.0	0.5	1.1	2.1	3.1	3.7	4.3	4.8	5.3	6.2	7.2
15°	0.0	0.5	1.1	2.1	3.1	3.8	4.3	4.8	5.3	6.2	7.2
13.75°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.8	5.4	6.3	7.3
12.5°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.9	5.4	6.3	7.3
11.25°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.9	5.4	6.4	7.4
10°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.9	5.4	6.4	7.4
8.75°	0.0	0.5	1.1	2.2	3.2	3.8	4.4	4.9	5.4	6.4	7.5
7.5°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.5
6.25°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.5
5°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
3.75°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
2.5°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
1.25°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
0°	0.0	0.5	1.1	2.2	3.3	3.9	4.4	5.0	5.5	6.6	7.6
-1.25°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
-2.5°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
-3.75°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
-5°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.6
-6.25°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.5
-7.5°	0.0	0.5	1.1	2.2	3.3	3.8	4.4	4.9	5.5	6.5	7.5
-8.75°	0.0	0.5	1.1	2.2	3.2	3.8	4.4	4.9	5.4	6.4	7.5
-10°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.9	5.4	6.4	7.4
-11.25°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.9	5.4	6.4	7.4
-12.5°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.9	5.4	6.3	7.3
-13.75°	0.0	0.5	1.1	2.1	3.2	3.8	4.3	4.8	5.4	6.3	7.3
-15°	0.0	0.5	1.1	2.1	3.1	3.8	4.3	4.8	5.3	6.2	7.2
-16.25°	0.0	0.5	1.1	2.1	3.1	3.7	4.3	4.8	5.3	6.2	7.2
-17.5°	0.0	0.5	1.0	2.0	3.1	3.7	4.2	4.8	5.3	6.1	7.1
-18.75°	0.0	0.5	1.0	2.0	3.1	3.7	4.2	4.7	5.3	6.0	7.0
-20°	0.0	0.5	1.0	2.0	3.0	3.7	4.2	4.7	5.2	6.0	7.0
-21.25°	0.0	0.5	1.0	2.0	3.0	3.7	4.2	4.7	5.2	5.9	6.9



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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°
-22.5°	0.0	0.5	1.0	1.9	3.0	3.6	4.1	4.7	5.2	5.8	6.8
-23.75°	0.0	0.5	1.0	1.9	2.9	3.6	4.1	4.6	5.1	5.7	6.7
-25°	0.0	0.5	1.0	1.9	2.9	3.6	4.1	4.6	5.1	5.7	6.6
-26.25°	0.0	0.5	1.0	1.9	2.8	3.6	4.1	4.6	5.0	5.6	6.5
-27.5°	0.0	0.5	1.0	1.8	2.8	3.5	4.0	4.5	5.0	5.5	6.4
-28.75°	0.0	0.5	1.0	1.8	2.8	3.5	4.0	4.5	5.0	5.4	6.3
-30°	0.0	0.5	1.0	1.8	2.7	3.5	4.0	4.4	4.9	5.4	6.2
-31.25°	0.0	0.5	0.9	1.7	2.7	3.4	3.9	4.4	4.9	5.3	6.1
-32.5°	0.0	0.5	0.9	1.7	2.6	3.4	3.9	4.3	4.8	5.3	5.9
-33.75°	0.0	0.5	0.9	1.6	2.6	3.4	3.8	4.3	4.8	5.2	5.8
-35°	0.0	0.5	0.9	1.6	2.5	3.4	3.8	4.2	4.7	5.1	5.7
-36.25°	0.0	0.4	0.9	1.6	2.4	3.3	3.8	4.2	4.6	5.1	5.5
-37.5°	0.0	0.4	0.9	1.5	2.4	3.3	3.7	4.1	4.6	5.0	5.5
-38.75°	0.0	0.4	0.9	1.5	2.3	3.2	3.7	4.1	4.5	5.0	5.4
-40°	0.0	0.4	0.8	1.4	2.3	3.1	3.6	4.0	4.5	4.9	5.3
-41.25°	0.0	0.4	0.8	1.4	2.2	3.0	3.6	4.0	4.4	4.8	5.2
-42.5°	0.0	0.4	0.8	1.3	2.1	3.0	3.5	3.9	4.3	4.7	5.1
-43.75°	0.0	0.4	0.8	1.3	2.1	2.9	3.5	3.9	4.3	4.7	5.1
-45°	0.0	0.4	0.8	1.2	2.0	2.8	3.4	3.8	4.2	4.6	5.0
-46.25°	0.0	0.4	0.8	1.2	1.9	2.7	3.4	3.8	4.1	4.5	4.9
-47.5°	0.0	0.4	0.7	1.1	1.9	2.6	3.3	3.7	4.1	4.4	4.8
-48.75°	0.0	0.4	0.7	1.1	1.8	2.5	3.2	3.6	4.0	4.4	4.7
-50°	0.0	0.4	0.7	1.1	1.7	2.4	3.1	3.6	3.9	4.3	4.6
-51.25°	0.0	0.3	0.7	1.0	1.7	2.3	3.0	3.5	3.8	4.2	4.5
-52.5°	0.0	0.3	0.7	1.0	1.6	2.2	2.9	3.4	3.8	4.1	4.4
-53.75°	0.0	0.3	0.7	1.0	1.5	2.1	2.8	3.4	3.7	4.0	4.3
-55°	0.0	0.3	0.6	0.9	1.4	2.1	2.7	3.3	3.6	3.9	4.2
-56.25°	0.0	0.3	0.6	0.9	1.3	2.0	2.6	3.2	3.5	3.8	4.1
-57.5°	0.0	0.3	0.6	0.9	1.3	1.9	2.4	3.0	3.5	3.7	4.0
-58.75°	0.0	0.3	0.6	0.9	1.2	1.7	2.3	2.9	3.4	3.7	3.9
-60°	0.0	0.3	0.5	0.8	1.1	1.6	2.2	2.7	3.3	3.6	3.8
-61.25°	0.0	0.3	0.5	0.8	1.1	1.5	2.1	2.6	3.1	3.5	3.7
-62.5°	0.0	0.3	0.5	0.8	1.0	1.4	1.9	2.4	2.9	3.4	3.6
-63.75°	0.0	0.2	0.5	0.7	1.0	1.3	1.8	2.3	2.8	3.3	3.5
-65°	0.0	0.2	0.5	0.7	0.9	1.2	1.7	2.1	2.6	3.1	3.4
-66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.6	2.0	2.4	2.9	3.3
-67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.4	1.8	2.3	2.7	3.1
-68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.7	2.1	2.5	2.9
-70°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.5	1.9	2.3	2.6
-71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.4
-72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.5	1.9	2.2
-73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.4	1.7	2.0
-75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.4	1.7
-76.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.5
-77.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.3



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
-81.25°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
-83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.1	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: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3
82.5°	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8
81.25°	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3
80°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8
78.75°	1.2	1.4	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
77.5°	1.5	1.7	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.4	3.5
76.25°	1.7	2.0	2.3	2.5	2.8	3.0	3.2	3.4	3.5	3.6	3.8
75°	2.0	2.3	2.6	2.8	3.1	3.3	3.5	3.6	3.7	3.9	4.0
73.75°	2.3	2.6	2.9	3.1	3.4	3.5	3.7	3.8	3.9	4.1	4.2
72.5°	2.5	2.8	3.1	3.4	3.5	3.7	3.9	4.0	4.2	4.3	4.5
71.25°	2.8	3.1	3.4	3.5	3.7	3.9	4.0	4.2	4.4	4.5	4.7
70°	3.0	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9
68.75°	3.2	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.8	5.0	5.2
67.5°	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4
66.25°	3.5	3.7	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.7
65°	3.6	3.9	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.7	6.1
63.75°	3.8	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.7	6.1	6.6
62.5°	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.6	6.1	6.6	7.0
61.25°	4.0	4.2	4.5	4.8	5.0	5.3	5.5	6.0	6.5	7.0	7.4
60°	4.1	4.4	4.6	4.9	5.2	5.4	5.9	6.4	6.9	7.3	7.7
58.75°	4.2	4.5	4.8	5.0	5.3	5.7	6.2	6.7	7.2	7.7	7.9
57.5°	4.3	4.6	4.9	5.2	5.5	6.0	6.5	7.1	7.6	7.9	8.1
56.25°	4.4	4.7	5.0	5.3	5.7	6.3	6.9	7.4	7.8	8.1	8.4
55°	4.5	4.9	5.2	5.5	6.0	6.6	7.2	7.7	8.0	8.3	8.6
53.75°	4.7	5.0	5.3	5.7	6.3	6.9	7.5	7.9	8.2	8.5	8.7
52.5°	4.8	5.1	5.4	6.0	6.6	7.2	7.7	8.0	8.3	8.7	8.7
51.25°	4.9	5.2	5.6	6.2	6.8	7.5	7.9	8.2	8.5	8.7	8.7
50°	5.0	5.3	5.8	6.5	7.1	7.7	8.0	8.4	8.7	8.7	8.7
48.75°	5.1	5.4	6.0	6.7	7.4	7.8	8.2	8.5	8.7	8.7	8.7
47.5°	5.2	5.6	6.3	6.9	7.6	8.0	8.3	8.7	8.7	8.7	8.7
46.25°	5.3	5.8	6.5	7.2	7.8	8.1	8.5	8.7	8.7	8.7	8.8
45°	5.4	6.0	6.7	7.4	7.9	8.3	8.6	8.7	8.7	8.7	9.0
43.75°	5.5	6.2	6.9	7.6	8.0	8.4	8.7	8.7	8.7	8.8	9.2
42.5°	5.6	6.3	7.1	7.7	8.1	8.5	8.7	8.7	8.7	9.0	9.4
41.25°	5.7	6.5	7.3	7.8	8.3	8.7	8.7	8.7	8.8	9.2	9.5
40°	5.9	6.7	7.5	8.0	8.4	8.7	8.7	8.7	8.9	9.3	9.7
38.75°	6.1	6.9	7.6	8.1	8.5	8.7	8.7	8.7	9.1	9.5	9.9
37.5°	6.2	7.1	7.7	8.2	8.6	8.7	8.7	8.8	9.2	9.6	10.0
36.25°	6.4	7.2	7.8	8.3	8.7	8.7	8.7	8.9	9.3	9.8	10.2
35°	6.5	7.4	7.9	8.4	8.7	8.7	8.7	9.0	9.5	9.9	10.3



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	6.7	7.5	8.0	8.5	8.7	8.7	8.7	9.2	9.6	10.1	10.5
32.5°	6.8	7.6	8.1	8.6	8.7	8.7	8.8	9.3	9.7	10.2	10.6
31.25°	6.9	7.7	8.2	8.7	8.7	8.7	8.9	9.4	9.9	10.3	10.8
30°	7.1	7.8	8.3	8.7	8.7	8.7	9.0	9.5	10.0	10.4	10.9
28.75°	7.2	7.9	8.3	8.7	8.7	8.7	9.2	9.6	10.1	10.6	11.0
27.5°	7.3	7.9	8.4	8.7	8.7	8.8	9.3	9.7	10.2	10.7	11.2
26.25°	7.4	8.0	8.5	8.7	8.7	8.9	9.3	9.8	10.3	10.8	11.3
25°	7.5	8.1	8.6	8.7	8.7	8.9	9.4	9.9	10.4	10.9	11.4
23.75°	7.6	8.1	8.6	8.7	8.7	9.0	9.5	10.0	10.5	11.0	11.5
22.5°	7.7	8.2	8.7	8.7	8.7	9.1	9.6	10.1	10.6	11.1	11.6
21.25°	7.7	8.2	8.7	8.7	8.7	9.2	9.7	10.2	10.7	11.2	11.7
20°	7.8	8.3	8.7	8.7	8.7	9.2	9.8	10.3	10.8	11.3	11.8
18.75°	7.8	8.3	8.7	8.7	8.8	9.3	9.8	10.3	10.9	11.4	11.9
17.5°	7.9	8.4	8.7	8.7	8.9	9.4	9.9	10.4	10.9	11.5	12.0
16.25°	7.9	8.4	8.7	8.7	8.9	9.4	10.0	10.5	11.0	11.5	12.0
15°	7.9	8.5	8.7	8.7	9.0	9.5	10.0	10.5	11.1	11.6	12.0
13.75°	8.0	8.5	8.7	8.7	9.0	9.5	10.1	10.6	11.1	11.7	12.0
12.5°	8.0	8.5	8.7	8.7	9.0	9.6	10.1	10.7	11.2	11.7	12.0
11.25°	8.0	8.6	8.7	8.7	9.1	9.6	10.2	10.7	11.2	11.8	12.0
10°	8.1	8.6	8.7	8.7	9.1	9.7	10.2	10.7	11.3	11.8	12.0
8.75°	8.1	8.6	8.7	8.7	9.2	9.7	10.2	10.8	11.3	11.9	12.0
7.5°	8.1	8.6	8.7	8.7	9.2	9.7	10.3	10.8	11.4	11.9	12.0
6.25°	8.1	8.7	8.7	8.7	9.2	9.7	10.3	10.8	11.4	11.9	12.0
5°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
3.75°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
2.5°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
1.25°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
0°	8.2	8.7	8.7	8.7	9.3	9.8	10.4	10.9	11.5	12.0	12.0
-1.25°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
-2.5°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
-3.75°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
-5°	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9	11.4	12.0	12.0
-6.25°	8.1	8.7	8.7	8.7	9.2	9.7	10.3	10.8	11.4	11.9	12.0
-7.5°	8.1	8.6	8.7	8.7	9.2	9.7	10.3	10.8	11.4	11.9	12.0
-8.75°	8.1	8.6	8.7	8.7	9.2	9.7	10.2	10.8	11.3	11.9	12.0
-10°	8.1	8.6	8.7	8.7	9.1	9.7	10.2	10.7	11.3	11.8	12.0
-11.25°	8.0	8.6	8.7	8.7	9.1	9.6	10.2	10.7	11.2	11.8	12.0
-12.5°	8.0	8.5	8.7	8.7	9.0	9.6	10.1	10.7	11.2	11.7	12.0
-13.75°	8.0	8.5	8.7	8.7	9.0	9.5	10.1	10.6	11.1	11.7	12.0
-15°	7.9	8.5	8.7	8.7	9.0	9.5	10.0	10.5	11.1	11.6	12.0
-16.25°	7.9	8.4	8.7	8.7	8.9	9.4	10.0	10.5	11.0	11.5	12.0
-17.5°	7.9	8.4	8.7	8.7	8.9	9.4	9.9	10.4	10.9	11.5	12.0
-18.75°	7.8	8.3	8.7	8.7	8.8	9.3	9.8	10.3	10.9	11.4	11.9
-20°	7.8	8.3	8.7	8.7	8.7	9.2	9.8	10.3	10.8	11.3	11.8
-21.25°	7.7	8.2	8.7	8.7	8.7	9.2	9.7	10.2	10.7	11.2	11.7



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	7.7	8.2	8.7	8.7	8.7	9.1	9.6	10.1	10.6	11.1	11.6
-23.75°	7.6	8.1	8.6	8.7	8.7	9.0	9.5	10.0	10.5	11.0	11.5
-25°	7.5	8.1	8.6	8.7	8.7	8.9	9.4	9.9	10.4	10.9	11.4
-26.25°	7.4	8.0	8.5	8.7	8.7	8.9	9.3	9.8	10.3	10.8	11.3
-27.5°	7.3	7.9	8.4	8.7	8.7	8.8	9.3	9.7	10.2	10.7	11.2
-28.75°	7.2	7.9	8.3	8.7	8.7	8.7	9.2	9.6	10.1	10.6	11.0
-30°	7.1	7.8	8.3	8.7	8.7	8.7	9.0	9.5	10.0	10.4	10.9
-31.25°	6.9	7.7	8.2	8.7	8.7	8.7	8.9	9.4	9.9	10.3	10.8
-32.5°	6.8	7.6	8.1	8.6	8.7	8.7	8.8	9.3	9.7	10.2	10.6
-33.75°	6.7	7.5	8.0	8.5	8.7	8.7	8.7	9.2	9.6	10.1	10.5
-35°	6.5	7.4	7.9	8.4	8.7	8.7	8.7	9.0	9.5	9.9	10.3
-36.25°	6.4	7.2	7.8	8.3	8.7	8.7	8.7	8.9	9.3	9.8	10.2
-37.5°	6.2	7.1	7.7	8.2	8.6	8.7	8.7	8.8	9.2	9.6	10.0
-38.75°	6.1	6.9	7.6	8.1	8.5	8.7	8.7	8.7	9.1	9.5	9.9
-40°	5.9	6.7	7.5	8.0	8.4	8.7	8.7	8.7	8.9	9.3	9.7
-41.25°	5.7	6.5	7.3	7.8	8.3	8.7	8.7	8.7	8.8	9.2	9.5
-42.5°	5.6	6.3	7.1	7.7	8.1	8.5	8.7	8.7	8.7	9.0	9.4
-43.75°	5.5	6.2	6.9	7.6	8.0	8.4	8.7	8.7	8.7	8.8	9.2
-45°	5.4	6.0	6.7	7.4	7.9	8.3	8.6	8.7	8.7	8.7	9.0
-46.25°	5.3	5.8	6.5	7.2	7.8	8.1	8.5	8.7	8.7	8.7	8.8
-47.5°	5.2	5.6	6.3	6.9	7.6	8.0	8.3	8.7	8.7	8.7	8.7
-48.75°	5.1	5.4	6.0	6.7	7.4	7.8	8.2	8.5	8.7	8.7	8.7
-50°	5.0	5.3	5.8	6.5	7.1	7.7	8.0	8.4	8.7	8.7	8.7
-51.25°	4.9	5.2	5.6	6.2	6.8	7.5	7.9	8.2	8.5	8.7	8.7
-52.5°	4.8	5.1	5.4	6.0	6.6	7.2	7.7	8.0	8.3	8.7	8.7
-53.75°	4.7	5.0	5.3	5.7	6.3	6.9	7.5	7.9	8.2	8.5	8.7
-55°	4.5	4.9	5.2	5.5	6.0	6.6	7.2	7.7	8.0	8.3	8.6
-56.25°	4.4	4.7	5.0	5.3	5.7	6.3	6.9	7.4	7.8	8.1	8.4
-57.5°	4.3	4.6	4.9	5.2	5.5	6.0	6.5	7.1	7.6	7.9	8.1
-58.75°	4.2	4.5	4.8	5.0	5.3	5.7	6.2	6.7	7.2	7.7	7.9
-60°	4.1	4.4	4.6	4.9	5.2	5.4	5.9	6.4	6.9	7.3	7.7
-61.25°	4.0	4.2	4.5	4.8	5.0	5.3	5.5	6.0	6.5	7.0	7.4
-62.5°	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.6	6.1	6.6	7.0
-63.75°	3.8	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.7	6.1	6.6
-65°	3.6	3.9	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.7	6.1
-66.25°	3.5	3.7	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.7
-67.5°	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4
-68.75°	3.2	3.5	3.7	3.9	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-70°	3.0	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9
-71.25°	2.8	3.1	3.4	3.5	3.7	3.9	4.0	4.2	4.4	4.5	4.7
-72.5°	2.5	2.8	3.1	3.4	3.5	3.7	3.9	4.0	4.2	4.3	4.5
-73.75°	2.3	2.6	2.9	3.1	3.4	3.5	3.7	3.8	3.9	4.1	4.2
-75°	2.0	2.3	2.6	2.8	3.1	3.3	3.5	3.6	3.7	3.9	4.0
-76.25°	1.7	2.0	2.3	2.5	2.8	3.0	3.2	3.4	3.5	3.6	3.8
-77.5°	1.5	1.7	2.0	2.2	2.4	2.6	2.9	3.1	3.3	3.4	3.5



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	1.2	1.4	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3
-80°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8
-81.25°	0.9	1.0	1.1	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3
-82.5°	0.8	0.9	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8
-83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.3
-85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
-86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
-87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
-88.75°	0.1	0.1	0.2	0.2	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



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
85°	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.7
83.75°	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.1	2.2	2.3	2.4
82.5°	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.1
81.25°	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.4	3.5	3.6
80°	2.9	3.1	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9
78.75°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.2	4.3
77.5°	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6
76.25°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0
75°	4.1	4.2	4.4	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.3
73.75°	4.4	4.5	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.6	5.8
72.5°	4.6	4.8	4.9	5.0	5.2	5.3	5.5	5.7	6.0	6.2	6.5
71.25°	4.9	5.0	5.2	5.3	5.5	5.7	6.0	6.3	6.6	6.8	7.1
70°	5.1	5.3	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.7
68.75°	5.3	5.5	5.9	6.2	6.5	6.9	7.2	7.5	7.7	7.9	8.0
67.5°	5.6	6.0	6.4	6.7	7.1	7.4	7.7	7.9	8.0	8.2	8.4
66.25°	6.1	6.5	6.9	7.2	7.6	7.8	8.0	8.2	8.3	8.5	8.7
65°	6.6	7.0	7.3	7.7	7.9	8.1	8.3	8.5	8.7	8.7	8.7
63.75°	7.0	7.4	7.7	7.9	8.1	8.4	8.6	8.7	8.7	8.7	8.7
62.5°	7.4	7.7	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7
61.25°	7.7	8.0	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.9
60°	8.0	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.2
58.75°	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.9	9.1	9.3	9.6
57.5°	8.4	8.7	8.7	8.7	8.7	8.7	8.9	9.2	9.4	9.6	9.9
56.25°	8.6	8.7	8.7	8.7	8.7	8.9	9.2	9.4	9.7	10.0	10.2
55°	8.7	8.7	8.7	8.7	8.9	9.2	9.5	9.7	10.0	10.3	10.5
53.75°	8.7	8.7	8.7	8.9	9.2	9.4	9.7	10.0	10.3	10.6	10.8
52.5°	8.7	8.7	8.8	9.1	9.4	9.7	10.0	10.3	10.6	10.9	11.1
51.25°	8.7	8.7	9.0	9.3	9.6	10.0	10.3	10.6	10.9	11.1	11.4
50°	8.7	8.9	9.2	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7
48.75°	8.8	9.1	9.5	9.8	10.1	10.5	10.8	11.1	11.4	11.7	12.0
47.5°	9.0	9.3	9.7	10.0	10.4	10.7	11.0	11.4	11.7	12.0	12.0
46.25°	9.2	9.5	9.9	10.3	10.6	10.9	11.3	11.6	12.0	12.0	12.0
45°	9.4	9.7	10.1	10.5	10.8	11.2	11.5	11.9	12.0	12.0	12.0
43.75°	9.6	9.9	10.3	10.7	11.0	11.4	11.8	12.0	12.0	12.0	12.1
42.5°	9.8	10.1	10.5	10.9	11.3	11.6	12.0	12.0	12.0	12.0	12.3
41.25°	9.9	10.3	10.7	11.1	11.5	11.9	12.0	12.0	12.0	12.3	12.6
40°	10.1	10.5	10.9	11.3	11.7	12.0	12.0	12.0	12.1	12.5	12.9
38.75°	10.3	10.7	11.1	11.5	11.9	12.0	12.0	12.0	12.4	12.8	13.1
37.5°	10.5	10.9	11.3	11.7	12.0	12.0	12.0	12.2	12.6	13.0	13.4
36.25°	10.6	11.0	11.5	11.9	12.0	12.0	12.0	12.4	12.8	13.2	13.6
35°	10.8	11.2	11.6	12.0	12.0	12.0	12.2	12.6	13.1	13.5	13.9



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	10.9	11.4	11.8	12.0	12.0	12.0	12.4	12.9	13.3	13.7	14.1
32.5°	11.1	11.5	12.0	12.0	12.0	12.2	12.6	13.1	13.5	13.9	14.3
31.25°	11.2	11.7	12.0	12.0	12.0	12.4	12.8	13.3	13.7	14.1	14.6
30°	11.4	11.8	12.0	12.0	12.1	12.6	13.0	13.5	13.9	14.3	14.8
28.75°	11.5	12.0	12.0	12.0	12.3	12.7	13.2	13.6	14.1	14.5	15.0
27.5°	11.6	12.0	12.0	12.0	12.4	12.9	13.4	13.8	14.3	14.7	15.2
26.25°	11.8	12.0	12.0	12.1	12.6	13.0	13.5	14.0	14.5	14.9	15.4
25°	11.9	12.0	12.0	12.2	12.7	13.2	13.7	14.2	14.6	15.1	15.6
23.75°	12.0	12.0	12.0	12.4	12.9	13.3	13.8	14.3	14.8	15.3	15.8
22.5°	12.0	12.0	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.4	15.9
21.25°	12.0	12.0	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1
20°	12.0	12.0	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.8	16.2
18.75°	12.0	12.0	12.3	12.8	13.4	13.9	14.4	14.9	15.4	15.9	16.4
17.5°	12.0	12.0	12.4	12.9	13.5	14.0	14.5	15.0	15.5	16.0	18.6
16.25°	12.0	12.0	12.5	13.0	13.6	14.1	14.6	15.1	15.6	16.2	20.6
15°	12.0	12.1	12.6	13.1	13.7	14.2	14.7	15.2	15.7	16.3	22.5
13.75°	12.0	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.9	16.4	24.3
12.5°	12.0	12.2	12.8	13.3	13.8	14.4	14.9	15.4	15.9	17.6	25.9
11.25°	12.0	12.3	12.8	13.4	13.9	14.4	15.0	15.5	16.0	19.0	27.4
10°	12.0	12.3	12.9	13.4	14.0	14.5	15.0	15.6	16.1	20.3	28.7
8.75°	12.0	12.4	12.9	13.5	14.0	14.6	15.1	15.6	16.2	21.4	29.9
7.5°	12.0	12.4	13.0	13.5	14.1	14.6	15.1	15.7	16.2	22.4	30.9
6.25°	12.0	12.5	13.0	13.6	14.1	14.7	15.2	15.7	16.3	23.2	31.8
5°	12.0	12.5	13.0	13.6	14.1	14.7	15.2	15.8	16.3	23.9	32.5
3.75°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	24.4	33.1
2.5°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	24.8	33.5
1.25°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	25.0	33.7
0°	12.0	12.6	13.1	13.7	14.2	14.8	15.3	15.9	16.4	25.1	33.8
-1.25°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	25.0	33.7
-2.5°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	24.8	33.5
-3.75°	12.0	12.5	13.1	13.6	14.2	14.7	15.3	15.8	16.4	24.8	33.5
-5°	12.0	12.5	13.0	13.6	14.1	14.7	15.2	15.8	16.3	23.9	32.5
-6.25°	12.0	12.5	13.0	13.6	14.1	14.7	15.2	15.7	16.3	23.2	31.8
-7.5°	12.0	12.4	13.0	13.5	14.1	14.6	15.1	15.7	16.2	22.4	30.9
-8.75°	12.0	12.4	12.9	13.5	14.0	14.6	15.1	15.6	16.2	21.4	29.9
-10°	12.0	12.3	12.9	13.4	14.0	14.5	15.0	15.6	16.1	20.3	28.7
-11.25°	12.0	12.3	12.8	13.4	13.9	14.4	15.0	15.5	16.0	19.0	27.4
-12.5°	12.0	12.2	12.8	13.3	13.8	14.4	14.9	15.4	15.9	17.6	25.9
-13.75°	12.0	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.9	16.4	24.3
-15°	12.0	12.1	12.6	13.1	13.7	14.2	14.7	15.2	15.7	16.3	22.5
-16.25°	12.0	12.0	12.5	13.0	13.6	14.1	14.6	15.1	15.6	16.2	20.6
-17.5°	12.0	12.0	12.4	12.9	13.5	14.0	14.5	15.0	15.5	16.0	18.6
-18.75°	12.0	12.0	12.3	12.8	13.4	13.9	14.4	14.9	15.4	15.9	16.4
-20°	12.0	12.0	12.2	12.7	13.2	13.7	14.3	14.8	15.3	15.8	16.2
-21.25°	12.0	12.0	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1



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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°	12.0	12.0	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.4	15.9
-23.75°	12.0	12.0	12.0	12.4	12.9	13.3	13.8	14.3	14.8	15.3	15.8
-25°	11.9	12.0	12.0	12.2	12.7	13.2	13.7	14.2	14.6	15.1	15.6
-26.25°	11.8	12.0	12.0	12.1	12.6	13.0	13.5	14.0	14.5	14.9	15.4
-27.5°	11.6	12.0	12.0	12.0	12.4	12.9	13.4	13.8	14.3	14.7	15.2
-28.75°	11.5	12.0	12.0	12.0	12.3	12.7	13.2	13.6	14.1	14.5	15.0
-30°	11.4	11.8	12.0	12.0	12.1	12.6	13.0	13.5	13.9	14.3	14.8
-31.25°	11.2	11.7	12.0	12.0	12.0	12.4	12.8	13.3	13.7	14.1	14.6
-32.5°	11.1	11.5	12.0	12.0	12.0	12.2	12.6	13.1	13.5	13.9	14.3
-33.75°	10.9	11.4	11.8	12.0	12.0	12.0	12.4	12.9	13.3	13.7	14.1
-35°	10.8	11.2	11.6	12.0	12.0	12.0	12.2	12.6	13.1	13.5	13.9
-36.25°	10.6	11.0	11.5	11.9	12.0	12.0	12.0	12.4	12.8	13.2	13.6
-37.5°	10.5	10.9	11.3	11.7	12.0	12.0	12.0	12.2	12.6	13.0	13.4
-38.75°	10.3	10.7	11.1	11.5	11.9	12.0	12.0	12.0	12.4	12.8	13.1
-40°	10.1	10.5	10.9	11.3	11.7	12.0	12.0	12.0	12.1	12.5	12.9
-41.25°	9.9	10.3	10.7	11.1	11.5	11.9	12.0	12.0	12.0	12.3	12.6
-42.5°	9.8	10.1	10.5	10.9	11.3	11.6	12.0	12.0	12.0	12.0	12.3
-43.75°	9.6	9.9	10.3	10.7	11.0	11.4	11.8	12.0	12.0	12.0	12.1
-45°	9.4	9.7	10.1	10.5	10.8	11.2	11.5	11.9	12.0	12.0	12.0
-46.25°	9.2	9.5	9.9	10.3	10.6	10.9	11.3	11.6	12.0	12.0	12.0
-47.5°	9.0	9.3	9.7	10.0	10.4	10.7	11.0	11.4	11.7	12.0	12.0
-48.75°	8.8	9.1	9.5	9.8	10.1	10.5	10.8	11.1	11.4	11.7	12.0
-50°	8.7	8.9	9.2	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7
-51.25°	8.7	8.7	9.0	9.3	9.6	10.0	10.3	10.6	10.9	11.1	11.4
-52.5°	8.7	8.7	8.8	9.1	9.4	9.7	10.0	10.3	10.6	10.9	11.1
-53.75°	8.7	8.7	8.7	8.9	9.2	9.4	9.7	10.0	10.3	10.6	10.8
-55°	8.7	8.7	8.7	8.7	8.9	9.2	9.5	9.7	10.0	10.3	10.5
-56.25°	8.6	8.7	8.7	8.7	8.7	8.9	9.2	9.4	9.7	10.0	10.2
-57.5°	8.4	8.7	8.7	8.7	8.7	8.7	8.9	9.2	9.4	9.6	9.9
-58.75°	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.9	9.1	9.3	9.6
-60°	8.0	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.2
-61.25°	7.7	8.0	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.9
-62.5°	7.4	7.7	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7
-63.75°	7.0	7.4	7.7	7.9	8.1	8.4	8.6	8.7	8.7	8.7	8.7
-65°	6.6	7.0	7.3	7.7	7.9	8.1	8.3	8.5	8.7	8.7	8.7
-66.25°	6.1	6.5	6.9	7.2	7.6	7.8	8.0	8.2	8.3	8.5	8.7
-67.5°	5.6	6.0	6.4	6.7	7.1	7.4	7.7	7.9	8.0	8.2	8.4
-68.75°	5.3	5.5	5.9	6.2	6.5	6.9	7.2	7.5	7.7	7.9	8.0
-70°	5.1	5.3	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.7
-71.25°	4.9	5.0	5.2	5.3	5.5	5.7	6.0	6.3	6.6	6.8	7.1
-72.5°	4.6	4.8	4.9	5.0	5.2	5.3	5.5	5.7	6.0	6.2	6.5
-73.75°	4.4	4.5	4.6	4.8	4.9	5.0	5.2	5.3	5.4	5.6	5.8
-75°	4.1	4.2	4.4	4.5	4.6	4.7	4.9	5.0	5.1	5.2	5.3
-76.25°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0
-77.5°	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	3.4	3.5	3.6	3.7	3.7	3.8	3.9	4.0	4.1	4.2	4.3
-80°	2.9	3.1	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9
-81.25°	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.4	3.5	3.6
-82.5°	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0	3.1
-83.75°	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.1	2.2	2.3	2.4
-85°	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.7
-86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
86.25°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4
83.75°	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3
82.5°	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8
81.25°	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2
80°	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6
78.75°	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0	5.1
77.5°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.5	5.5
76.25°	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.9	6.1	6.2	6.4
75°	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.1	7.2
73.75°	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.6	7.7	7.8
72.5°	6.7	6.9	7.2	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3
71.25°	7.4	7.6	7.8	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7
70°	7.8	8.0	8.1	8.3	8.4	8.5	8.7	8.7	8.7	8.7	8.7
68.75°	8.2	8.3	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7
67.5°	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9
66.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	9.1	9.2	9.3
65°	8.7	8.7	8.7	8.7	8.8	9.0	9.2	9.3	9.5	9.6	9.8
63.75°	8.7	8.7	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2
62.5°	8.8	9.0	9.2	9.4	9.6	9.8	9.9	10.1	10.3	10.5	10.6
61.25°	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.0
60°	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5
58.75°	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9
57.5°	10.1	10.4	10.6	10.8	11.0	11.3	11.5	11.7	11.9	12.0	12.0
56.25°	10.5	10.7	10.9	11.2	11.4	11.6	11.9	12.0	12.0	12.0	12.0
55°	10.8	11.0	11.3	11.5	11.8	12.0	12.0	12.0	12.0	12.0	12.0
53.75°	11.1	11.4	11.6	11.9	12.0	12.0	12.0	12.0	12.0	12.2	12.4
52.5°	11.4	11.7	12.0	12.0	12.0	12.0	12.0	12.1	12.4	12.6	12.8
51.25°	11.7	12.0	12.0	12.0	12.0	12.0	12.3	12.5	12.8	13.0	13.2
50°	12.0	12.0	12.0	12.0	12.1	12.3	12.6	12.9	13.1	13.4	13.6
48.75°	12.0	12.0	12.0	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0
47.5°	12.0	12.0	12.2	12.5	12.8	13.0	13.3	13.6	13.9	14.2	14.4
46.25°	12.0	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.5	14.8
45°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2
43.75°	12.4	12.8	13.1	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.6
42.5°	12.7	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.7	16.0
41.25°	13.0	13.3	13.7	14.0	14.4	14.7	15.0	15.4	15.7	16.0	16.3
40°	13.2	13.6	14.0	14.3	14.7	15.0	15.4	15.7	16.0	16.4	20.9
38.75°	13.5	13.9	14.3	14.6	15.0	15.3	15.7	16.0	16.4	21.4	26.6
37.5°	13.8	14.2	14.5	14.9	15.3	15.7	16.0	16.4	21.4	26.9	32.2
36.25°	14.0	14.4	14.8	15.2	15.6	16.0	16.3	20.9	26.6	32.2	42.7
35°	14.3	14.7	15.1	15.5	15.9	16.2	20.0	25.9	31.8	42.2	55.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	14.5	14.9	15.3	15.7	16.1	18.5	24.7	30.8	40.5	53.8	66.9
32.5°	14.8	15.2	15.6	16.0	16.6	23.0	29.3	37.7	51.5	65.2	79.5
31.25°	15.0	15.4	15.8	16.3	20.8	27.3	33.8	48.1	62.3	76.8	92.6
30°	15.2	15.7	16.1	18.2	24.9	31.6	43.6	58.3	72.9	89.2	105.3
28.75°	15.4	15.9	16.3	22.0	28.9	38.0	53.2	68.3	84.5	101.3	117.8
27.5°	15.6	16.1	18.7	25.8	32.7	47.0	62.5	78.5	95.9	113.0	129.0
26.25°	15.9	16.3	22.2	29.3	39.8	55.7	71.5	89.2	106.9	123.9	139.9
25°	16.0	18.2	25.5	32.8	47.9	64.1	81.2	99.4	117.5	134.1	150.4
23.75°	16.2	21.3	28.7	39.0	55.7	72.2	90.8	109.3	127.0	143.9	160.8
22.5°	16.6	24.2	31.8	46.2	63.1	80.9	99.9	118.7	136.1	153.3	172.1
21.25°	19.3	27.0	35.8	53.1	70.2	89.3	108.7	127.2	144.9	162.9	183.0
20°	21.9	29.7	42.1	59.6	77.6	97.4	117.0	135.2	153.2	172.9	193.4
18.75°	24.3	32.2	48.0	65.8	84.9	105.0	124.4	142.8	161.4	182.4	203.3
17.5°	26.6	35.6	53.6	71.6	91.8	112.2	131.4	150.0	170.1	191.4	214.3
16.25°	28.7	40.7	58.9	77.7	98.3	118.9	137.9	156.8	178.2	199.9	225.7
15°	30.7	45.4	63.8	83.5	104.4	124.7	144.0	163.7	185.9	208.0	236.5
13.75°	32.6	49.7	68.4	88.9	110.0	130.1	149.6	170.6	192.9	217.6	246.4
12.5°	34.9	53.7	72.5	93.8	115.2	135.1	154.8	176.8	199.5	226.4	255.7
11.25°	38.4	57.4	76.8	98.4	119.8	139.7	159.6	182.5	205.4	234.5	264.1
10°	41.5	60.6	80.7	102.4	123.7	143.8	164.5	187.7	211.8	241.8	272.0
8.75°	44.3	63.5	84.1	106.0	127.2	147.4	168.9	192.3	218.0	248.3	279.9
7.5°	46.7	66.1	87.1	109.2	130.2	150.6	172.7	196.3	223.4	253.9	286.9
6.25°	48.8	68.2	89.7	111.8	132.8	153.3	176.0	199.6	228.0	258.7	292.7
5°	50.4	70.0	91.8	114.0	134.9	155.5	178.6	202.4	231.8	262.6	297.6
3.75°	51.8	71.3	93.4	115.7	136.5	157.2	180.7	204.6	234.7	265.7	301.4
2.5°	52.7	72.3	94.6	116.9	137.7	158.4	182.2	206.2	236.9	267.9	304.1
1.25°	53.3	72.9	95.3	117.7	138.4	159.2	183.1	207.1	238.1	269.3	305.7
0°	53.5	73.1	95.5	117.9	138.7	159.4	183.4	207.4	238.6	269.7	306.3
-1.25°	53.3	72.9	95.3	117.7	138.4	159.2	183.1	207.1	238.1	269.3	305.7
-2.5°	52.7	72.3	94.6	116.9	137.7	158.4	182.2	206.2	236.9	267.9	304.1
-3.75°	51.8	71.3	93.4	115.7	136.5	157.2	180.7	204.6	234.7	265.7	301.4
-5°	50.4	70.0	91.8	114.0	134.9	155.5	178.6	202.4	231.8	262.6	297.6
-6.25°	48.8	68.2	89.7	111.8	132.8	153.3	176.0	199.6	228.0	258.7	292.7
-7.5°	46.7	66.1	87.1	109.2	130.2	150.6	172.7	196.3	223.4	253.9	286.9
-8.75°	44.3	63.5	84.1	106.0	127.2	147.4	168.9	192.3	218.0	248.3	279.9
-10°	41.5	60.6	80.7	102.4	123.7	143.8	164.5	187.7	211.8	241.8	272.0
-11.25°	38.4	57.4	76.8	98.4	119.8	139.7	159.6	182.5	205.4	234.5	264.1
-12.5°	34.9	53.7	72.5	93.8	115.2	135.1	154.8	176.8	199.5	226.4	255.7
-13.75°	32.6	49.7	68.4	88.9	110.0	130.1	149.6	170.6	192.9	217.6	246.4
-15°	30.7	45.4	63.8	83.5	104.4	124.7	144.0	163.7	185.9	208.0	236.5
-16.25°	28.7	40.7	58.9	77.7	98.3	118.9	137.9	156.8	178.2	199.9	225.7
-17.5°	26.6	35.6	53.6	71.6	91.8	112.2	131.4	150.0	170.1	191.4	214.3
-18.75°	24.3	32.2	48.0	65.8	84.9	105.0	124.4	142.8	161.4	182.4	203.3
-20°	21.9	29.7	42.1	59.6	77.6	97.4	117.0	135.2	153.2	172.9	193.4
-21.25°	19.3	27.0	35.8	53.1	70.2	89.3	108.7	127.2	144.9	162.9	183.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	16.6	24.2	31.8	46.2	63.1	80.9	99.9	118.7	136.1	153.3	172.1
-23.75°	16.2	21.3	28.7	39.0	55.7	72.2	90.8	109.3	127.0	143.9	160.8
-25°	16.0	18.2	25.5	32.8	47.9	64.1	81.2	99.4	117.5	134.1	150.4
-26.25°	15.9	16.3	22.2	29.3	39.8	55.7	71.5	89.2	106.9	123.9	139.9
-27.5°	15.6	16.1	18.7	25.8	32.7	47.0	62.5	78.5	95.9	113.0	129.0
-28.75°	15.4	15.9	16.3	22.0	28.9	38.0	53.2	68.3	84.5	101.3	117.8
-30°	15.2	15.7	16.1	18.2	24.9	31.6	43.6	58.3	72.9	89.2	105.3
-31.25°	15.0	15.4	15.8	16.3	20.8	27.3	33.8	48.1	62.3	76.8	92.6
-32.5°	14.8	15.2	15.6	16.0	16.6	23.0	29.3	37.7	51.5	65.2	79.5
-33.75°	14.5	14.9	15.3	15.7	16.1	18.5	24.7	30.8	40.5	53.8	66.9
-35°	14.3	14.7	15.1	15.5	15.9	16.2	20.0	25.9	31.8	42.2	55.0
-36.25°	14.0	14.4	14.8	15.2	15.6	16.0	16.3	20.9	26.6	32.2	42.7
-37.5°	13.8	14.2	14.5	14.9	15.3	15.7	16.0	16.4	21.4	26.9	32.2
-38.75°	13.5	13.9	14.3	14.6	15.0	15.3	15.7	16.0	16.4	21.4	26.6
-40°	13.2	13.6	14.0	14.3	14.7	15.0	15.4	15.7	16.0	16.4	20.9
-41.25°	13.0	13.3	13.7	14.0	14.4	14.7	15.0	15.4	15.7	16.0	16.3
-42.5°	12.7	13.0	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.7	16.0
-43.75°	12.4	12.8	13.1	13.4	13.7	14.1	14.4	14.7	15.0	15.3	15.6
-45°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.6	14.9	15.2
-46.25°	12.0	12.2	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.5	14.8
-47.5°	12.0	12.0	12.2	12.5	12.8	13.0	13.3	13.6	13.9	14.2	14.4
-48.75°	12.0	12.0	12.0	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0
-50°	12.0	12.0	12.0	12.0	12.1	12.3	12.6	12.9	13.1	13.4	13.6
-51.25°	11.7	12.0	12.0	12.0	12.0	12.0	12.3	12.5	12.8	13.0	13.2
-52.5°	11.4	11.7	12.0	12.0	12.0	12.0	12.0	12.1	12.4	12.6	12.8
-53.75°	11.1	11.4	11.6	11.9	12.0	12.0	12.0	12.0	12.0	12.2	12.4
-55°	10.8	11.0	11.3	11.5	11.8	12.0	12.0	12.0	12.0	12.0	12.0
-56.25°	10.5	10.7	10.9	11.2	11.4	11.6	11.9	12.0	12.0	12.0	12.0
-57.5°	10.1	10.4	10.6	10.8	11.0	11.3	11.5	11.7	11.9	12.0	12.0
-58.75°	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9
-60°	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5
-61.25°	9.1	9.3	9.5	9.7	9.9	10.1	10.3	10.5	10.7	10.9	11.0
-62.5°	8.8	9.0	9.2	9.4	9.6	9.8	9.9	10.1	10.3	10.5	10.6
-63.75°	8.7	8.7	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2
-65°	8.7	8.7	8.7	8.7	8.8	9.0	9.2	9.3	9.5	9.6	9.8
-66.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	9.1	9.2	9.3
-67.5°	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9
-68.75°	8.2	8.3	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-70°	7.8	8.0	8.1	8.3	8.4	8.5	8.7	8.7	8.7	8.7	8.7
-71.25°	7.4	7.6	7.8	7.9	8.0	8.1	8.3	8.4	8.5	8.6	8.7
-72.5°	6.7	6.9	7.2	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3
-73.75°	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.6	7.7	7.8
-75°	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.1	7.2
-76.25°	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.9	6.1	6.2	6.4
-77.5°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.5	5.5



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0	5.1
-80°	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6
-81.25°	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2
-82.5°	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8
-83.75°	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1	3.2	3.3	3.3
-85°	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4	2.4
-86.25°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6
-87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-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: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9
85°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0
83.75°	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6
82.5°	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
81.25°	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.6	4.7
80°	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.2
78.75°	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8
77.5°	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8
76.25°	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.7
75°	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.1	8.2
73.75°	7.9	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.6	8.7
72.5°	8.4	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
71.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
70°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	8.9	9.0	9.1
68.75°	8.7	8.7	8.8	8.9	9.0	9.2	9.3	9.3	9.4	9.5	9.6
67.5°	9.0	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1
66.25°	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6
65°	9.9	10.1	10.2	10.3	10.4	10.6	10.7	10.8	10.9	11.0	11.1
63.75°	10.3	10.5	10.6	10.8	10.9	11.0	11.2	11.3	11.4	11.5	11.6
62.5°	10.8	10.9	11.1	11.2	11.4	11.5	11.6	11.8	11.9	12.0	12.0
61.25°	11.2	11.4	11.5	11.7	11.8	12.0	12.0	12.0	12.0	12.0	12.0
60°	11.6	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
58.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.2	12.4	12.5
57.5°	12.0	12.0	12.0	12.0	12.1	12.3	12.4	12.6	12.7	12.9	13.0
56.25°	12.0	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.5
55°	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.8	14.0
53.75°	12.6	12.9	13.1	13.3	13.5	13.6	13.8	14.0	14.2	14.3	14.5
52.5°	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.6	14.8	15.0
51.25°	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.4
50°	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.4	15.6	15.8	15.9
48.75°	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.9	16.0	16.2	16.6
47.5°	14.7	14.9	15.2	15.4	15.7	15.9	16.1	16.3	18.2	21.3	24.2
46.25°	15.1	15.3	15.6	15.8	16.1	16.3	18.7	22.2	25.5	28.7	31.8
45°	15.5	15.7	16.0	16.3	18.2	22.0	25.8	29.3	32.8	39.0	46.2
43.75°	15.9	16.1	16.6	20.8	24.9	28.9	32.7	39.8	47.9	55.7	63.1
42.5°	16.2	18.5	23.0	27.3	31.6	38.0	47.0	55.7	64.1	72.2	80.9
41.25°	20.0	24.7	29.3	33.8	43.6	53.2	62.5	71.5	81.2	90.8	99.9
40°	25.9	30.8	37.7	48.1	58.3	68.3	78.5	89.2	99.4	109.3	118.7
38.75°	31.8	40.5	51.5	62.3	72.9	84.5	95.9	106.9	117.5	127.0	136.1
37.5°	42.2	53.8	65.2	76.8	89.2	101.3	113.0	123.9	134.1	143.9	153.3
36.25°	55.0	66.9	79.5	92.6	105.3	117.8	129.0	139.9	150.4	160.8	172.1
35°	67.5	80.8	94.6	108.1	121.0	132.9	144.5	155.7	167.8	180.0	191.7



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	80.8	95.3	109.4	122.9	135.5	147.8	159.8	173.2	186.3	198.9	212.1
32.5°	94.6	109.4	123.6	136.8	149.8	162.9	177.2	191.1	204.5	220.6	237.0
31.25°	108.1	122.9	136.8	150.4	164.5	179.5	194.3	209.0	227.0	244.6	261.5
30°	121.0	135.5	149.8	164.5	180.3	195.9	212.1	231.3	250.0	268.1	288.4
28.75°	132.9	147.8	162.9	179.5	195.9	213.2	233.5	253.3	273.1	295.1	316.3
27.5°	144.5	159.8	177.2	194.3	212.1	233.5	254.4	275.7	299.1	321.8	343.9
26.25°	155.7	173.2	191.1	209.0	231.3	253.3	275.7	300.4	324.5	348.7	374.5
25°	167.8	186.3	204.5	227.0	250.0	273.1	299.1	324.5	350.3	377.8	404.5
23.75°	180.0	198.9	220.6	244.6	268.1	295.1	321.8	348.7	377.8	406.1	434.8
22.5°	191.7	212.1	237.0	261.5	288.4	316.3	343.9	374.5	404.5	434.8	467.1
21.25°	203.0	227.3	252.7	279.2	308.2	336.9	368.1	399.5	431.0	465.2	498.5
20°	215.7	241.8	267.8	297.5	327.3	358.5	391.3	423.7	459.3	494.5	529.4
18.75°	229.0	255.7	284.3	315.1	345.8	380.0	413.6	449.6	486.5	522.9	560.2
17.5°	241.6	268.8	300.3	331.7	365.5	400.4	436.1	474.6	512.6	551.3	593.8
16.25°	253.6	283.3	315.5	348.1	384.2	419.8	459.0	498.4	538.2	581.0	622.1
15°	264.8	296.9	329.7	365.0	401.7	439.7	480.6	521.0	563.3	609.0	646.8
13.75°	276.1	309.6	343.0	380.7	418.1	459.1	500.8	543.1	589.5	631.8	668.6
12.5°	287.4	321.4	357.0	395.2	434.3	477.0	519.5	564.3	612.2	652.0	687.5
11.25°	297.7	332.2	369.7	408.6	450.0	493.5	537.6	585.8	631.0	670.0	704.6
10°	307.0	341.9	381.3	420.6	464.3	508.5	554.0	605.1	647.4	685.2	719.5
8.75°	315.3	351.6	391.5	432.1	477.0	521.9	570.0	619.6	661.3	698.5	733.0
7.5°	322.5	360.2	400.5	442.8	488.2	534.2	584.6	632.4	673.6	710.0	744.5
6.25°	328.7	367.5	408.2	451.8	497.7	544.7	597.1	643.1	683.2	719.6	754.3
5°	333.7	373.5	414.5	459.3	505.6	553.3	606.8	651.4	691.1	727.6	762.5
3.75°	337.7	378.2	419.4	465.2	511.7	560.2	613.5	657.8	697.3	733.9	769.2
2.5°	340.5	381.6	423.0	469.4	516.2	565.7	618.4	662.5	701.7	738.3	774.0
1.25°	342.2	383.6	425.1	471.9	518.8	569.1	621.3	665.3	704.4	740.9	776.9
0°	342.8	384.3	425.8	472.8	519.7	570.2	622.3	666.2	705.3	741.8	777.9
-1.25°	342.2	383.6	425.1	471.9	518.8	569.1	621.3	665.3	704.4	740.9	776.9
-2.5°	340.5	381.6	423.0	469.4	516.2	565.7	618.4	662.5	701.7	738.3	774.0
-3.75°	337.7	378.2	419.4	465.2	511.7	560.2	613.5	657.8	697.3	733.9	769.2
-5°	333.7	373.5	414.5	459.3	505.6	553.3	606.8	651.4	691.1	727.6	762.5
-6.25°	328.7	367.5	408.2	451.8	497.7	544.7	597.1	643.1	683.2	719.6	754.3
-7.5°	322.5	360.2	400.5	442.8	488.2	534.2	584.6	632.4	673.6	710.0	744.5
-8.75°	315.3	351.6	391.5	432.1	477.0	521.9	570.0	619.6	661.3	698.5	733.0
-10°	307.0	341.9	381.3	420.6	464.3	508.5	554.0	605.1	647.4	685.2	719.5
-11.25°	297.7	332.2	369.7	408.6	450.0	493.5	537.6	585.8	631.0	670.0	704.6
-12.5°	287.4	321.4	357.0	395.2	434.3	477.0	519.5	564.3	612.2	652.0	687.5
-13.75°	276.1	309.6	343.0	380.7	418.1	459.1	500.8	543.1	589.5	631.8	668.6
-15°	264.8	296.9	329.7	365.0	401.7	439.7	480.6	521.0	563.3	609.0	646.8
-16.25°	253.6	283.3	315.5	348.1	384.2	419.8	459.0	498.4	538.2	581.0	622.1
-17.5°	241.6	268.8	300.3	331.7	365.5	400.4	436.1	474.6	512.6	551.3	593.8
-18.75°	229.0	255.7	284.3	315.1	345.8	380.0	413.6	449.6	486.5	522.9	560.2
-20°	215.7	241.8	267.8	297.5	327.3	358.5	391.3	423.7	459.3	494.5	529.4
-21.25°	203.0	227.3	252.7	279.2	308.2	336.9	368.1	399.5	431.0	465.2	498.5



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	191.7	212.1	237.0	261.5	288.4	316.3	343.9	374.5	404.5	434.8	467.1
-23.75°	180.0	198.9	220.6	244.6	268.1	295.1	321.8	348.7	377.8	406.1	434.8
-25°	167.8	186.3	204.5	227.0	250.0	273.1	299.1	324.5	350.3	377.8	404.5
-26.25°	155.7	173.2	191.1	209.0	231.3	253.3	275.7	300.4	324.5	348.7	374.5
-27.5°	144.5	159.8	177.2	194.3	212.1	233.5	254.4	275.7	299.1	321.8	343.9
-28.75°	132.9	147.8	162.9	179.5	195.9	213.2	233.5	253.3	273.1	295.1	316.3
-30°	121.0	135.5	149.8	164.5	180.3	195.9	212.1	231.3	250.0	268.1	288.4
-31.25°	108.1	122.9	136.8	150.4	164.5	179.5	194.3	209.0	227.0	244.6	261.5
-32.5°	94.6	109.4	123.6	136.8	149.8	162.9	177.2	191.1	204.5	220.6	237.0
-33.75°	80.8	95.3	109.4	122.9	135.5	147.8	159.8	173.2	186.3	198.9	212.1
-35°	67.5	80.8	94.6	108.1	121.0	132.9	144.5	155.7	167.8	180.0	191.7
-36.25°	55.0	66.9	79.5	92.6	105.3	117.8	129.0	139.9	150.4	160.8	172.1
-37.5°	42.2	53.8	65.2	76.8	89.2	101.3	113.0	123.9	134.1	143.9	153.3
-38.75°	31.8	40.5	51.5	62.3	72.9	84.5	95.9	106.9	117.5	127.0	136.1
-40°	25.9	30.8	37.7	48.1	58.3	68.3	78.5	89.2	99.4	109.3	118.7
-41.25°	20.0	24.7	29.3	33.8	43.6	53.2	62.5	71.5	81.2	90.8	99.9
-42.5°	16.2	18.5	23.0	27.3	31.6	38.0	47.0	55.7	64.1	72.2	80.9
-43.75°	15.9	16.1	16.6	20.8	24.9	28.9	32.7	39.8	47.9	55.7	63.1
-45°	15.5	15.7	16.0	16.3	18.2	22.0	25.8	29.3	32.8	39.0	46.2
-46.25°	15.1	15.3	15.6	15.8	16.1	16.3	18.7	22.2	25.5	28.7	31.8
-47.5°	14.7	14.9	15.2	15.4	15.7	15.9	16.1	16.3	18.2	21.3	24.2
-48.75°	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.9	16.0	16.2	16.6
-50°	13.9	14.1	14.3	14.6	14.8	15.0	15.2	15.4	15.6	15.8	15.9
-51.25°	13.5	13.7	13.9	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.4
-52.5°	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5	14.6	14.8	15.0
-53.75°	12.6	12.9	13.1	13.3	13.5	13.6	13.8	14.0	14.2	14.3	14.5
-55°	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.5	13.7	13.8	14.0
-56.25°	12.0	12.0	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.5
-57.5°	12.0	12.0	12.0	12.0	12.1	12.3	12.4	12.6	12.7	12.9	13.0
-58.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.2	12.4	12.5
-60°	11.6	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-61.25°	11.2	11.4	11.5	11.7	11.8	12.0	12.0	12.0	12.0	12.0	12.0
-62.5°	10.8	10.9	11.1	11.2	11.4	11.5	11.6	11.8	11.9	12.0	12.0
-63.75°	10.3	10.5	10.6	10.8	10.9	11.0	11.2	11.3	11.4	11.5	11.6
-65°	9.9	10.1	10.2	10.3	10.4	10.6	10.7	10.8	10.9	11.0	11.1
-66.25°	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6
-67.5°	9.0	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1
-68.75°	8.7	8.7	8.8	8.9	9.0	9.2	9.3	9.3	9.4	9.5	9.6
-70°	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	8.9	9.0	9.1
-71.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-72.5°	8.4	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-73.75°	7.9	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.6	8.7
-75°	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.1	8.2
-76.25°	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4	7.5	7.6	7.7
-77.5°	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	5.1	5.2	5.3	5.3	5.4	5.4	5.5	5.6	5.7	5.7	5.8
-80°	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.2
-81.25°	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.6	4.7
-82.5°	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
-83.75°	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6
-85°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0
-86.25°	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9
-87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2
85°	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2
83.75°	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8
82.5°	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.4
81.25°	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9
80°	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4
78.75°	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4
77.5°	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5
76.25°	7.7	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1
75°	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6
73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
71.25°	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.2
70°	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7	9.7
68.75°	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.2	10.2
67.5°	10.2	10.3	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.7	10.8
66.25°	10.7	10.8	10.9	10.9	11.0	11.1	11.1	11.2	11.2	11.3	11.3
65°	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7	11.8	11.8	11.9
63.75°	11.7	11.8	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
62.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
61.25°	12.0	12.0	12.0	12.0	12.0	12.1	12.2	12.2	12.3	12.3	12.4
60°	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9	12.9
58.75°	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.4	13.5
57.5°	13.1	13.2	13.4	13.5	13.6	13.7	13.7	13.8	13.9	14.0	14.0
56.25°	13.6	13.7	13.9	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.6
55°	14.1	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.0	15.1
53.75°	14.6	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.6
52.5°	15.1	15.3	15.4	15.5	15.6	15.7	15.9	15.9	16.0	16.1	16.2
51.25°	15.6	15.8	15.9	16.0	16.2	16.3	16.4	17.6	19.0	20.3	21.4
50°	16.1	16.2	16.4	18.6	20.6	22.5	24.3	25.9	27.4	28.7	29.9
48.75°	19.3	21.9	24.3	26.6	28.7	30.7	32.6	34.9	38.4	41.5	44.3
47.5°	27.0	29.7	32.2	35.6	40.7	45.4	49.7	53.7	57.4	60.6	63.5
46.25°	35.8	42.1	48.0	53.6	58.9	63.8	68.4	72.5	76.8	80.7	84.1
45°	53.1	59.6	65.8	71.6	77.7	83.5	88.9	93.8	98.4	102.4	106.0
43.75°	70.2	77.6	84.9	91.8	98.3	104.4	110.0	115.2	119.8	123.7	127.2
42.5°	89.3	97.4	105.0	112.2	118.9	124.7	130.1	135.1	139.7	143.8	147.4
41.25°	108.7	117.0	124.4	131.4	137.9	144.0	149.6	154.8	159.6	164.5	168.9
40°	127.2	135.2	142.8	150.0	156.8	163.7	170.6	176.8	182.5	187.7	192.3
38.75°	144.9	153.2	161.4	170.1	178.2	185.9	192.9	199.5	205.4	211.8	218.0
37.5°	162.9	172.9	182.4	191.4	199.9	208.0	217.6	226.4	234.5	241.8	248.3
36.25°	183.0	193.4	203.3	214.3	225.7	236.5	246.4	255.7	264.1	272.0	279.9
35°	203.0	215.7	229.0	241.6	253.6	264.8	276.1	287.4	297.7	307.0	315.3



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	227.3	241.8	255.7	268.8	283.3	296.9	309.6	321.4	332.2	341.9	351.6
32.5°	252.7	267.8	284.3	300.3	315.5	329.7	343.0	357.0	369.7	381.3	391.5
31.25°	279.2	297.5	315.1	331.7	348.1	365.0	380.7	395.2	408.6	420.6	432.1
30°	308.2	327.3	345.8	365.5	384.2	401.7	418.1	434.3	450.0	464.3	477.0
28.75°	336.9	358.5	380.0	400.4	419.8	439.7	459.1	477.0	493.5	508.5	521.9
27.5°	368.1	391.3	413.6	436.1	459.0	480.6	500.8	519.5	537.6	554.0	570.0
26.25°	399.5	423.7	449.6	474.6	498.4	521.0	543.1	564.3	585.8	605.1	619.6
25°	431.0	459.3	486.5	512.6	538.2	563.3	589.5	612.2	631.0	647.4	661.3
23.75°	465.2	494.5	522.9	551.3	581.0	609.0	631.8	652.0	670.0	685.2	698.5
22.5°	498.5	529.4	560.2	593.8	622.1	646.8	668.6	687.5	704.6	719.5	733.0
21.25°	531.5	565.3	601.5	630.9	657.1	680.5	701.1	719.8	736.9	752.1	765.9
20°	565.3	604.0	635.3	663.3	688.2	710.8	731.5	750.4	768.0	784.7	800.0
18.75°	601.5	635.3	665.4	692.1	716.5	739.2	760.1	780.5	799.9	818.1	833.9
17.5°	630.9	663.3	692.1	718.4	743.0	766.2	789.0	811.2	831.5	849.4	866.7
16.25°	657.1	688.2	716.5	743.0	768.3	793.3	818.1	840.3	861.4	881.8	901.8
15°	680.5	710.8	739.2	766.2	793.3	820.4	844.7	868.9	892.9	916.1	938.1
13.75°	701.1	731.5	760.1	789.0	818.1	844.7	871.4	898.5	925.1	950.6	974.9
12.5°	719.8	750.4	780.5	811.2	840.3	868.9	898.5	928.2	957.2	985.2	1011.0
11.25°	736.9	768.0	799.9	831.5	861.4	892.9	925.1	957.2	988.6	1018.3	1043.3
10°	752.1	784.7	818.1	849.4	881.8	916.1	950.6	985.2	1018.3	1046.8	1069.6
8.75°	765.9	800.0	833.9	866.7	901.8	938.1	974.9	1011.0	1043.3	1069.6	1092.1
7.5°	778.5	813.8	847.5	882.3	919.8	958.1	996.7	1032.9	1063.5	1089.0	1111.3
6.25°	789.4	825.6	859.9	896.9	935.8	975.9	1015.8	1051.4	1080.0	1105.4	1128.0
5°	798.6	834.8	870.4	909.0	949.3	990.9	1030.8	1064.7	1093.3	1118.6	1142.6
3.75°	806.0	842.1	878.8	918.8	960.4	1002.9	1042.5	1075.3	1103.8	1129.4	1153.7
2.5°	811.3	847.4	885.1	926.0	968.4	1011.5	1051.0	1082.6	1110.9	1137.5	1161.9
1.25°	814.5	850.5	889.0	930.3	973.3	1016.8	1055.3	1087.0	1115.4	1142.4	1166.5
0°	815.6	851.6	890.3	931.8	975.0	1018.6	1056.8	1088.5	1116.9	1144.1	1167.9
-1.25°	814.5	850.5	889.0	930.3	973.3	1016.8	1055.3	1087.0	1115.4	1142.4	1166.5
-2.5°	811.3	847.4	885.1	926.0	968.4	1011.5	1051.0	1082.6	1110.9	1137.5	1161.9
-3.75°	806.0	842.1	878.8	918.8	960.4	1002.9	1042.5	1075.3	1103.8	1129.4	1153.7
-5°	798.6	834.8	870.4	909.0	949.3	990.9	1030.8	1064.7	1093.3	1118.6	1142.6
-6.25°	789.4	825.6	859.9	896.9	935.8	975.9	1015.8	1051.4	1080.0	1105.4	1128.0
-7.5°	778.5	813.8	847.5	882.3	919.8	958.1	996.7	1032.9	1063.5	1089.0	1111.3
-8.75°	765.9	800.0	833.9	866.7	901.8	938.1	974.9	1011.0	1043.3	1069.6	1092.1
-10°	752.1	784.7	818.1	849.4	881.8	916.1	950.6	985.2	1018.3	1046.8	1069.6
-11.25°	736.9	768.0	799.9	831.5	861.4	892.9	925.1	957.2	988.6	1018.3	1043.3
-12.5°	719.8	750.4	780.5	811.2	840.3	868.9	898.5	928.2	957.2	985.2	1011.0
-13.75°	701.1	731.5	760.1	789.0	818.1	844.7	871.4	898.5	925.1	950.6	974.9
-15°	680.5	710.8	739.2	766.2	793.3	820.4	844.7	868.9	892.9	916.1	938.1
-16.25°	657.1	688.2	716.5	743.0	768.3	793.3	818.1	840.3	861.4	881.8	901.8
-17.5°	630.9	663.3	692.1	718.4	743.0	766.2	789.0	811.2	831.5	849.4	866.7
-18.75°	601.5	635.3	665.4	692.1	716.5	739.2	760.1	780.5	799.9	818.1	833.9
-20°	565.3	604.0	635.3	663.3	688.2	710.8	731.5	750.4	768.0	784.7	800.0
-21.25°	531.5	565.3	601.5	630.9	657.1	680.5	701.1	719.8	736.9	752.1	765.9



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	498.5	529.4	560.2	593.8	622.1	646.8	668.6	687.5	704.6	719.5	733.0
-23.75°	465.2	494.5	522.9	551.3	581.0	609.0	631.8	652.0	670.0	685.2	698.5
-25°	431.0	459.3	486.5	512.6	538.2	563.3	589.5	612.2	631.0	647.4	661.3
-26.25°	399.5	423.7	449.6	474.6	498.4	521.0	543.1	564.3	585.8	605.1	619.6
-27.5°	368.1	391.3	413.6	436.1	459.0	480.6	500.8	519.5	537.6	554.0	570.0
-28.75°	336.9	358.5	380.0	400.4	419.8	439.7	459.1	477.0	493.5	508.5	521.9
-30°	308.2	327.3	345.8	365.5	384.2	401.7	418.1	434.3	450.0	464.3	477.0
-31.25°	279.2	297.5	315.1	331.7	348.1	365.0	380.7	395.2	408.6	420.6	432.1
-32.5°	252.7	267.8	284.3	300.3	315.5	329.7	343.0	357.0	369.7	381.3	391.5
-33.75°	227.3	241.8	255.7	268.8	283.3	296.9	309.6	321.4	332.2	341.9	351.6
-35°	203.0	215.7	229.0	241.6	253.6	264.8	276.1	287.4	297.7	307.0	315.3
-36.25°	183.0	193.4	203.3	214.3	225.7	236.5	246.4	255.7	264.1	272.0	279.9
-37.5°	162.9	172.9	182.4	191.4	199.9	208.0	217.6	226.4	234.5	241.8	248.3
-38.75°	144.9	153.2	161.4	170.1	178.2	185.9	192.9	199.5	205.4	211.8	218.0
-40°	127.2	135.2	142.8	150.0	156.8	163.7	170.6	176.8	182.5	187.7	192.3
-41.25°	108.7	117.0	124.4	131.4	137.9	144.0	149.6	154.8	159.6	164.5	168.9
-42.5°	89.3	97.4	105.0	112.2	118.9	124.7	130.1	135.1	139.7	143.8	147.4
-43.75°	70.2	77.6	84.9	91.8	98.3	104.4	110.0	115.2	119.8	123.7	127.2
-45°	53.1	59.6	65.8	71.6	77.7	83.5	88.9	93.8	98.4	102.4	106.0
-46.25°	35.8	42.1	48.0	53.6	58.9	63.8	68.4	72.5	76.8	80.7	84.1
-47.5°	27.0	29.7	32.2	35.6	40.7	45.4	49.7	53.7	57.4	60.6	63.5
-48.75°	19.3	21.9	24.3	26.6	28.7	30.7	32.6	34.9	38.4	41.5	44.3
-50°	16.1	16.2	16.4	18.6	20.6	22.5	24.3	25.9	27.4	28.7	29.9
-51.25°	15.6	15.8	15.9	16.0	16.2	16.3	16.4	17.6	19.0	20.3	21.4
-52.5°	15.1	15.3	15.4	15.5	15.6	15.7	15.9	15.9	16.0	16.1	16.2
-53.75°	14.6	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.6
-55°	14.1	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.0	15.1
-56.25°	13.6	13.7	13.9	14.0	14.1	14.2	14.3	14.4	14.4	14.5	14.6
-57.5°	13.1	13.2	13.4	13.5	13.6	13.7	13.7	13.8	13.9	14.0	14.0
-58.75°	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.4	13.5
-60°	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9	12.9
-61.25°	12.0	12.0	12.0	12.0	12.0	12.1	12.2	12.2	12.3	12.3	12.4
-62.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-63.75°	11.7	11.8	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-65°	11.2	11.3	11.4	11.5	11.5	11.6	11.7	11.7	11.8	11.8	11.9
-66.25°	10.7	10.8	10.9	10.9	11.0	11.1	11.1	11.2	11.2	11.3	11.3
-67.5°	10.2	10.3	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.7	10.8
-68.75°	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.1	10.2	10.2	10.2
-70°	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7	9.7
-71.25°	8.7	8.7	8.8	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.2
-72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-75°	8.2	8.3	8.3	8.4	8.4	8.5	8.5	8.5	8.6	8.6	8.6
-76.25°	7.7	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.1
-77.5°	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4
-80°	5.2	5.2	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4
-81.25°	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-82.5°	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.4
-83.75°	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8
-85°	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2
-86.25°	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2
-87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
81.25°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
80°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
78.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.5	6.5	6.5	6.5
77.5°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
76.25°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
75°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
71.25°	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
70°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
68.75°	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
67.5°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
66.25°	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
65°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
63.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
62.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
61.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5	12.5	12.5
60°	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
58.75°	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.6	13.6
57.5°	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.1
56.25°	14.6	14.7	14.7	14.7	14.7	14.7	14.8	14.7	14.7	14.7	14.7
55°	15.1	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2
53.75°	15.7	15.7	15.8	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.8
52.5°	16.2	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3
51.25°	22.4	23.2	23.9	24.4	24.8	25.0	25.1	25.0	24.8	24.4	23.9
50°	30.9	31.8	32.5	33.1	33.5	33.7	33.8	33.7	33.5	33.1	32.5
48.75°	46.7	48.8	50.4	51.8	52.7	53.3	53.5	53.3	52.7	51.8	50.4
47.5°	66.1	68.2	70.0	71.3	72.3	72.9	73.1	72.9	72.3	71.3	70.0
46.25°	87.1	89.7	91.8	93.4	94.6	95.3	95.5	95.3	94.6	93.4	91.8
45°	109.2	111.8	114.0	115.7	116.9	117.7	117.9	117.7	116.9	115.7	114.0
43.75°	130.2	132.8	134.9	136.5	137.7	138.4	138.7	138.4	137.7	136.5	134.9
42.5°	150.6	153.3	155.5	157.2	158.4	159.2	159.4	159.2	158.4	157.2	155.5
41.25°	172.7	176.0	178.6	180.7	182.2	183.1	183.4	183.1	182.2	180.7	178.6
40°	196.3	199.6	202.4	204.6	206.2	207.1	207.4	207.1	206.2	204.6	202.4
38.75°	223.4	228.0	231.8	234.7	236.9	238.1	238.6	238.1	236.9	234.7	231.8
37.5°	253.9	258.7	262.6	265.7	267.9	269.3	269.7	269.3	267.9	265.7	262.6
36.25°	286.9	292.7	297.6	301.4	304.1	305.7	306.3	305.7	304.1	301.4	297.6
35°	322.5	328.7	333.7	337.7	340.5	342.2	342.8	342.2	340.5	337.7	333.7



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°
33.75°	360.2	367.5	373.5	378.2	381.6	383.6	384.3	383.6	381.6	378.2	373.5
32.5°	400.5	408.2	414.5	419.4	423.0	425.1	425.8	425.1	423.0	419.4	414.5
31.25°	442.8	451.8	459.3	465.2	469.4	471.9	472.8	471.9	469.4	465.2	459.3
30°	488.2	497.7	505.6	511.7	516.2	518.8	519.7	518.8	516.2	511.7	505.6
28.75°	534.2	544.7	553.3	560.2	565.7	569.1	570.2	569.1	565.7	560.2	553.3
27.5°	584.6	597.1	606.8	613.5	618.4	621.3	622.3	621.3	618.4	613.5	606.8
26.25°	632.4	643.1	651.4	657.8	662.5	665.3	666.2	665.3	662.5	657.8	651.4
25°	673.6	683.2	691.1	697.3	701.7	704.4	705.3	704.4	701.7	697.3	691.1
23.75°	710.0	719.6	727.6	733.9	738.3	740.9	741.8	740.9	738.3	733.9	727.6
22.5°	744.5	754.3	762.5	769.2	774.0	776.9	777.9	776.9	774.0	769.2	762.5
21.25°	778.5	789.4	798.6	806.0	811.3	814.5	815.6	814.5	811.3	806.0	798.6
20°	813.8	825.6	834.8	842.1	847.4	850.5	851.6	850.5	847.4	842.1	834.8
18.75°	847.5	859.9	870.4	878.8	885.1	889.0	890.3	889.0	885.1	878.8	870.4
17.5°	882.3	896.9	909.0	918.8	926.0	930.3	931.8	930.3	926.0	918.8	909.0
16.25°	919.8	935.8	949.3	960.4	968.4	973.3	975.0	973.3	968.4	960.4	949.3
15°	958.1	975.9	990.9	1002.9	1011.5	1016.8	1018.6	1016.8	1011.5	1002.9	990.9
13.75°	996.7	1015.8	1030.8	1042.5	1051.0	1055.3	1056.8	1055.3	1051.0	1042.5	1030.8
12.5°	1032.9	1051.4	1064.7	1075.3	1082.6	1087.0	1088.5	1087.0	1082.6	1075.3	1064.7
11.25°	1063.5	1080.0	1093.3	1103.8	1110.9	1115.4	1116.9	1115.4	1110.9	1103.8	1093.3
10°	1089.0	1105.4	1118.6	1129.4	1137.5	1142.4	1144.1	1142.4	1137.5	1129.4	1118.6
8.75°	1111.3	1128.0	1142.6	1153.7	1161.9	1166.5	1167.9	1166.5	1161.9	1153.7	1142.6
7.5°	1131.2	1149.0	1163.7	1174.0	1181.3	1184.5	1185.7	1184.5	1181.3	1174.0	1163.7
6.25°	1149.0	1166.6	1180.2	1188.0	1191.7	1192.5	1192.8	1192.5	1191.7	1188.0	1180.2
5°	1163.7	1180.2	1190.4	1192.8	1191.5	1189.6	1188.9	1189.6	1191.5	1192.8	1190.4
3.75°	1174.0	1188.0	1192.8	1190.2	1184.6	1179.7	1177.7	1179.7	1184.6	1190.2	1192.8
2.5°	1181.3	1191.7	1191.5	1184.6	1175.6	1168.5	1166.0	1168.5	1175.6	1184.6	1191.5
1.25°	1184.5	1192.5	1189.6	1179.7	1168.5	1161.1	1160.0	1161.1	1168.5	1179.7	1189.6
0°	1185.7	1192.8	1188.9	1177.7	1166.0	1160.0	1162.7	1160.0	1166.0	1177.7	1188.9
-1.25°	1184.5	1192.5	1189.6	1179.7	1168.5	1161.1	1160.0	1161.1	1168.5	1179.7	1189.6
-2.5°	1181.3	1191.7	1191.5	1184.6	1175.6	1168.5	1166.0	1168.5	1175.6	1184.6	1191.5
-3.75°	1174.0	1188.0	1192.8	1190.2	1184.6	1179.7	1177.7	1179.7	1184.6	1190.2	1192.8
-5°	1163.7	1180.2	1190.4	1192.8	1191.5	1189.6	1188.9	1189.6	1191.5	1192.8	1190.4
-6.25°	1149.0	1166.6	1180.2	1188.0	1191.7	1192.5	1192.8	1192.5	1191.7	1188.0	1180.2
-7.5°	1131.2	1149.0	1163.7	1174.0	1181.3	1184.5	1185.7	1184.5	1181.3	1174.0	1163.7
-8.75°	1111.3	1128.0	1142.6	1153.7	1161.9	1166.5	1167.9	1166.5	1161.9	1153.7	1142.6
-10°	1089.0	1105.4	1118.6	1129.4	1137.5	1142.4	1144.1	1142.4	1137.5	1129.4	1118.6
-11.25°	1063.5	1080.0	1093.3	1103.8	1110.9	1115.4	1116.9	1115.4	1110.9	1103.8	1093.3
-12.5°	1032.9	1051.4	1064.7	1075.3	1082.6	1087.0	1088.5	1087.0	1082.6	1075.3	1064.7
-13.75°	996.7	1015.8	1030.8	1042.5	1051.0	1055.3	1056.8	1055.3	1051.0	1042.5	1030.8
-15°	958.1	975.9	990.9	1002.9	1011.5	1016.8	1018.6	1016.8	1011.5	1002.9	990.9
-16.25°	919.8	935.8	949.3	960.4	968.4	973.3	975.0	973.3	968.4	960.4	949.3
-17.5°	882.3	896.9	909.0	918.8	926.0	930.3	931.8	930.3	926.0	918.8	909.0
-18.75°	847.5	859.9	870.4	878.8	885.1	889.0	890.3	889.0	885.1	878.8	870.4
-20°	813.8	825.6	834.8	842.1	847.4	850.5	851.6	850.5	847.4	842.1	834.8
-21.25°	778.5	789.4	798.6	806.0	811.3	814.5	815.6	814.5	811.3	806.0	798.6



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°
-22.5°	744.5	754.3	762.5	769.2	774.0	776.9	777.9	776.9	774.0	769.2	762.5
-23.75°	710.0	719.6	727.6	733.9	738.3	740.9	741.8	740.9	738.3	733.9	727.6
-25°	673.6	683.2	691.1	697.3	701.7	704.4	705.3	704.4	701.7	697.3	691.1
-26.25°	632.4	643.1	651.4	657.8	662.5	665.3	666.2	665.3	662.5	657.8	651.4
-27.5°	584.6	597.1	606.8	613.5	618.4	621.3	622.3	621.3	618.4	613.5	606.8
-28.75°	534.2	544.7	553.3	560.2	565.7	569.1	570.2	569.1	565.7	560.2	553.3
-30°	488.2	497.7	505.6	511.7	516.2	518.8	519.7	518.8	516.2	511.7	505.6
-31.25°	442.8	451.8	459.3	465.2	469.4	471.9	472.8	471.9	469.4	465.2	459.3
-32.5°	400.5	408.2	414.5	419.4	423.0	425.1	425.8	425.1	423.0	419.4	414.5
-33.75°	360.2	367.5	373.5	378.2	381.6	383.6	384.3	383.6	381.6	378.2	373.5
-35°	322.5	328.7	333.7	337.7	340.5	342.2	342.8	342.2	340.5	337.7	333.7
-36.25°	286.9	292.7	297.6	301.4	304.1	305.7	306.3	305.7	304.1	301.4	297.6
-37.5°	253.9	258.7	262.6	265.7	267.9	269.3	269.7	269.3	267.9	265.7	262.6
-38.75°	223.4	228.0	231.8	234.7	236.9	238.1	238.6	238.1	236.9	234.7	231.8
-40°	196.3	199.6	202.4	204.6	206.2	207.1	207.4	207.1	206.2	204.6	202.4
-41.25°	172.7	176.0	178.6	180.7	182.2	183.1	183.4	183.1	182.2	180.7	178.6
-42.5°	150.6	153.3	155.5	157.2	158.4	159.2	159.4	159.2	158.4	157.2	155.5
-43.75°	130.2	132.8	134.9	136.5	137.7	138.4	138.7	138.4	137.7	136.5	134.9
-45°	109.2	111.8	114.0	115.7	116.9	117.7	117.9	117.7	116.9	115.7	114.0
-46.25°	87.1	89.7	91.8	93.4	94.6	95.3	95.5	95.3	94.6	93.4	91.8
-47.5°	66.1	68.2	70.0	71.3	72.3	72.9	73.1	72.9	72.3	71.3	70.0
-48.75°	46.7	48.8	50.4	51.8	52.7	53.3	53.5	53.3	52.7	51.8	50.4
-50°	30.9	31.8	32.5	33.1	33.5	33.7	33.8	33.7	33.5	33.1	32.5
-51.25°	22.4	23.2	23.9	24.4	24.8	25.0	25.1	25.0	24.8	24.4	23.9
-52.5°	16.2	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.3
-53.75°	15.7	15.7	15.8	15.8	15.8	15.8	15.9	15.8	15.8	15.8	15.8
-55°	15.1	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.2
-56.25°	14.6	14.7	14.7	14.7	14.7	14.7	14.8	14.7	14.7	14.7	14.7
-57.5°	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.1
-58.75°	13.5	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.6	13.6	13.6
-60°	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.0
-61.25°	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.5	12.5	12.5	12.5
-62.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-63.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-65°	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-66.25°	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.4	11.4	11.4	11.4
-67.5°	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
-68.75°	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
-70°	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
-71.25°	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
-72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-75°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-76.25°	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
-77.5°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°
-78.75°	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.5	6.5	6.5	6.5
-80°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-81.25°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
-82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
-83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8
-85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
86.25°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
85°	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1
83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7
82.5°	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2
81.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7
80°	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
78.75°	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0
77.5°	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0
76.25°	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8
75°	8.7	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3
73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
71.25°	9.2	9.2	9.2	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.8
70°	9.7	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3
68.75°	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8
67.5°	10.8	10.8	10.8	10.7	10.7	10.7	10.6	10.5	10.5	10.4	10.3
66.25°	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.9
65°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.5	11.5	11.4
63.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
62.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
61.25°	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	12.0	12.0
60°	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.5	12.4	12.3
58.75°	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.0	12.9	12.8
57.5°	14.1	14.1	14.0	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.4
56.25°	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.2	14.1	14.0	13.9
55°	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.4
53.75°	15.7	15.7	15.6	15.6	15.5	15.4	15.3	15.2	15.1	15.0	14.9
52.5°	16.3	16.2	16.2	16.1	16.0	15.9	15.9	15.7	15.6	15.5	15.4
51.25°	23.2	22.4	21.4	20.3	19.0	17.6	16.4	16.3	16.2	16.0	15.9
50°	31.8	30.9	29.9	28.7	27.4	25.9	24.3	22.5	20.6	18.6	16.4
48.75°	48.8	46.7	44.3	41.5	38.4	34.9	32.6	30.7	28.7	26.6	24.3
47.5°	68.2	66.1	63.5	60.6	57.4	53.7	49.7	45.4	40.7	35.6	32.2
46.25°	89.7	87.1	84.1	80.7	76.8	72.5	68.4	63.8	58.9	53.6	48.0
45°	111.8	109.2	106.0	102.4	98.4	93.8	88.9	83.5	77.7	71.6	65.8
43.75°	132.8	130.2	127.2	123.7	119.8	115.2	110.0	104.4	98.3	91.8	84.9
42.5°	153.3	150.6	147.4	143.8	139.7	135.1	130.1	124.7	118.9	112.2	105.0
41.25°	176.0	172.7	168.9	164.5	159.6	154.8	149.6	144.0	137.9	131.4	124.4
40°	199.6	196.3	192.3	187.7	182.5	176.8	170.6	163.7	156.8	150.0	142.8
38.75°	228.0	223.4	218.0	211.8	205.4	199.5	192.9	185.9	178.2	170.1	161.4
37.5°	258.7	253.9	248.3	241.8	234.5	226.4	217.6	208.0	199.9	191.4	182.4
36.25°	292.7	286.9	279.9	272.0	264.1	255.7	246.4	236.5	225.7	214.3	203.3
35°	328.7	322.5	315.3	307.0	297.7	287.4	276.1	264.8	253.6	241.6	229.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	367.5	360.2	351.6	341.9	332.2	321.4	309.6	296.9	283.3	268.8	255.7
32.5°	408.2	400.5	391.5	381.3	369.7	357.0	343.0	329.7	315.5	300.3	284.3
31.25°	451.8	442.8	432.1	420.6	408.6	395.2	380.7	365.0	348.1	331.7	315.1
30°	497.7	488.2	477.0	464.3	450.0	434.3	418.1	401.7	384.2	365.5	345.8
28.75°	544.7	534.2	521.9	508.5	493.5	477.0	459.1	439.7	419.8	400.4	380.0
27.5°	597.1	584.6	570.0	554.0	537.6	519.5	500.8	480.6	459.0	436.1	413.6
26.25°	643.1	632.4	619.6	605.1	585.8	564.3	543.1	521.0	498.4	474.6	449.6
25°	683.2	673.6	661.3	647.4	631.0	612.2	589.5	563.3	538.2	512.6	486.5
23.75°	719.6	710.0	698.5	685.2	670.0	652.0	631.8	609.0	581.0	551.3	522.9
22.5°	754.3	744.5	733.0	719.5	704.6	687.5	668.6	646.8	622.1	593.8	560.2
21.25°	789.4	778.5	765.9	752.1	736.9	719.8	701.1	680.5	657.1	630.9	601.5
20°	825.6	813.8	800.0	784.7	768.0	750.4	731.5	710.8	688.2	663.3	635.3
18.75°	859.9	847.5	833.9	818.1	799.9	780.5	760.1	739.2	716.5	692.1	665.4
17.5°	896.9	882.3	866.7	849.4	831.5	811.2	789.0	766.2	743.0	718.4	692.1
16.25°	935.8	919.8	901.8	881.8	861.4	840.3	818.1	793.3	768.3	743.0	716.5
15°	975.9	958.1	938.1	916.1	892.9	868.9	844.7	820.4	793.3	766.2	739.2
13.75°	1015.8	996.7	974.9	950.6	925.1	898.5	871.4	844.7	818.1	789.0	760.1
12.5°	1051.4	1032.9	1011.0	985.2	957.2	928.2	898.5	868.9	840.3	811.2	780.5
11.25°	1080.0	1063.5	1043.3	1018.3	988.6	957.2	925.1	892.9	861.4	831.5	799.9
10°	1105.4	1089.0	1069.6	1046.8	1018.3	985.2	950.6	916.1	881.8	849.4	818.1
8.75°	1128.0	1111.3	1092.1	1069.6	1043.3	1011.0	974.9	938.1	901.8	866.7	833.9
7.5°	1149.0	1131.2	1111.3	1089.0	1063.5	1032.9	996.7	958.1	919.8	882.3	847.5
6.25°	1166.6	1149.0	1128.0	1105.4	1080.0	1051.4	1015.8	975.9	935.8	896.9	859.9
5°	1180.2	1163.7	1142.6	1118.6	1093.3	1064.7	1030.8	990.9	949.3	909.0	870.4
3.75°	1188.0	1174.0	1153.7	1129.4	1103.8	1075.3	1042.5	1002.9	960.4	918.8	878.8
2.5°	1191.7	1181.3	1161.9	1137.5	1110.9	1082.6	1051.0	1011.5	968.4	926.0	885.1
1.25°	1192.5	1184.5	1166.5	1142.4	1115.4	1087.0	1055.3	1016.8	973.3	930.3	889.0
0°	1192.8	1185.7	1167.9	1144.1	1116.9	1088.5	1056.8	1018.6	975.0	931.8	890.3
-1.25°	1192.5	1184.5	1166.5	1142.4	1115.4	1087.0	1055.3	1016.8	973.3	930.3	889.0
-2.5°	1191.7	1181.3	1161.9	1137.5	1110.9	1082.6	1051.0	1011.5	968.4	926.0	885.1
-3.75°	1188.0	1174.0	1153.7	1129.4	1103.8	1075.3	1042.5	1002.9	960.4	918.8	878.8
-5°	1180.2	1163.7	1142.6	1118.6	1093.3	1064.7	1030.8	990.9	949.3	909.0	870.4
-6.25°	1166.6	1149.0	1128.0	1105.4	1080.0	1051.4	1015.8	975.9	935.8	896.9	859.9
-7.5°	1149.0	1131.2	1111.3	1089.0	1063.5	1032.9	996.7	958.1	919.8	882.3	847.5
-8.75°	1128.0	1111.3	1092.1	1069.6	1043.3	1011.0	974.9	938.1	901.8	866.7	833.9
-10°	1105.4	1089.0	1069.6	1046.8	1018.3	985.2	950.6	916.1	881.8	849.4	818.1
-11.25°	1080.0	1063.5	1043.3	1018.3	988.6	957.2	925.1	892.9	861.4	831.5	799.9
-12.5°	1051.4	1032.9	1011.0	985.2	957.2	928.2	898.5	868.9	840.3	811.2	780.5
-13.75°	1015.8	996.7	974.9	950.6	925.1	898.5	871.4	844.7	818.1	789.0	760.1
-15°	975.9	958.1	938.1	916.1	892.9	868.9	844.7	820.4	793.3	766.2	739.2
-16.25°	935.8	919.8	901.8	881.8	861.4	840.3	818.1	793.3	768.3	743.0	716.5
-17.5°	896.9	882.3	866.7	849.4	831.5	811.2	789.0	766.2	743.0	718.4	692.1
-18.75°	859.9	847.5	833.9	818.1	799.9	780.5	760.1	739.2	716.5	692.1	665.4
-20°	825.6	813.8	800.0	784.7	768.0	750.4	731.5	710.8	688.2	663.3	635.3
-21.25°	789.4	778.5	765.9	752.1	736.9	719.8	701.1	680.5	657.1	630.9	601.5



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	754.3	744.5	733.0	719.5	704.6	687.5	668.6	646.8	622.1	593.8	560.2
-23.75°	719.6	710.0	698.5	685.2	670.0	652.0	631.8	609.0	581.0	551.3	522.9
-25°	683.2	673.6	661.3	647.4	631.0	612.2	589.5	563.3	538.2	512.6	486.5
-26.25°	643.1	632.4	619.6	605.1	585.8	564.3	543.1	521.0	498.4	474.6	449.6
-27.5°	597.1	584.6	570.0	554.0	537.6	519.5	500.8	480.6	459.0	436.1	413.6
-28.75°	544.7	534.2	521.9	508.5	493.5	477.0	459.1	439.7	419.8	400.4	380.0
-30°	497.7	488.2	477.0	464.3	450.0	434.3	418.1	401.7	384.2	365.5	345.8
-31.25°	451.8	442.8	432.1	420.6	408.6	395.2	380.7	365.0	348.1	331.7	315.1
-32.5°	408.2	400.5	391.5	381.3	369.7	357.0	343.0	329.7	315.5	300.3	284.3
-33.75°	367.5	360.2	351.6	341.9	332.2	321.4	309.6	296.9	283.3	268.8	255.7
-35°	328.7	322.5	315.3	307.0	297.7	287.4	276.1	264.8	253.6	241.6	229.0
-36.25°	292.7	286.9	279.9	272.0	264.1	255.7	246.4	236.5	225.7	214.3	203.3
-37.5°	258.7	253.9	248.3	241.8	234.5	226.4	217.6	208.0	199.9	191.4	182.4
-38.75°	228.0	223.4	218.0	211.8	205.4	199.5	192.9	185.9	178.2	170.1	161.4
-40°	199.6	196.3	192.3	187.7	182.5	176.8	170.6	163.7	156.8	150.0	142.8
-41.25°	176.0	172.7	168.9	164.5	159.6	154.8	149.6	144.0	137.9	131.4	124.4
-42.5°	153.3	150.6	147.4	143.8	139.7	135.1	130.1	124.7	118.9	112.2	105.0
-43.75°	132.8	130.2	127.2	123.7	119.8	115.2	110.0	104.4	98.3	91.8	84.9
-45°	111.8	109.2	106.0	102.4	98.4	93.8	88.9	83.5	77.7	71.6	65.8
-46.25°	89.7	87.1	84.1	80.7	76.8	72.5	68.4	63.8	58.9	53.6	48.0
-47.5°	68.2	66.1	63.5	60.6	57.4	53.7	49.7	45.4	40.7	35.6	32.2
-48.75°	48.8	46.7	44.3	41.5	38.4	34.9	32.6	30.7	28.7	26.6	24.3
-50°	31.8	30.9	29.9	28.7	27.4	25.9	24.3	22.5	20.6	18.6	16.4
-51.25°	23.2	22.4	21.4	20.3	19.0	17.6	16.4	16.3	16.2	16.0	15.9
-52.5°	16.3	16.2	16.2	16.1	16.0	15.9	15.9	15.7	15.6	15.5	15.4
-53.75°	15.7	15.7	15.6	15.6	15.5	15.4	15.3	15.2	15.1	15.0	14.9
-55°	15.2	15.1	15.1	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.4
-56.25°	14.7	14.6	14.6	14.5	14.4	14.4	14.3	14.2	14.1	14.0	13.9
-57.5°	14.1	14.1	14.0	14.0	13.9	13.8	13.7	13.7	13.6	13.5	13.4
-58.75°	13.6	13.5	13.5	13.4	13.4	13.3	13.2	13.1	13.0	12.9	12.8
-60°	13.0	13.0	12.9	12.9	12.8	12.8	12.7	12.6	12.5	12.4	12.3
-61.25°	12.5	12.4	12.4	12.3	12.3	12.2	12.2	12.1	12.0	12.0	12.0
-62.5°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-63.75°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.9
-65°	11.9	11.9	11.9	11.8	11.8	11.7	11.7	11.6	11.5	11.5	11.4
-66.25°	11.4	11.4	11.3	11.3	11.2	11.2	11.1	11.1	11.0	10.9	10.9
-67.5°	10.8	10.8	10.8	10.7	10.7	10.7	10.6	10.5	10.5	10.4	10.3
-68.75°	10.3	10.3	10.2	10.2	10.2	10.1	10.1	10.0	10.0	9.9	9.8
-70°	9.7	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4	9.4	9.3
-71.25°	9.2	9.2	9.2	9.1	9.1	9.0	9.0	9.0	8.9	8.9	8.8
-72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-73.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-75°	8.7	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.3
-76.25°	8.1	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.9	7.8
-77.5°	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	6.5	6.5	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0
-80°	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
-81.25°	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7
-82.5°	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.2	4.2
-83.75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7
-85°	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1
-86.25°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
86.25°	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
85°	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.6
83.75°	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4
82.5°	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9
81.25°	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3
80°	5.2	5.2	5.2	5.1	5.1	5.0	5.0	5.0	4.9	4.9	4.8
78.75°	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.3
77.5°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9
76.25°	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	6.9	6.8
75°	8.3	8.2	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6
73.75°	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.3	8.2	8.1
72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6
71.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
70°	9.2	9.2	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.7	8.7
68.75°	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.2	9.0	8.9	8.8
67.5°	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3
66.25°	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7
65°	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.2
63.75°	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.0	10.9	10.8	10.6
62.5°	12.0	12.0	12.0	12.0	11.9	11.8	11.6	11.5	11.4	11.2	11.1
61.25°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.7	11.5
60°	12.2	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
58.75°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	12.0	12.0	12.0	12.0
57.5°	13.2	13.1	13.0	12.9	12.7	12.6	12.4	12.3	12.1	12.0	12.0
56.25°	13.7	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.6	12.4	12.2
55°	14.3	14.1	14.0	13.8	13.7	13.5	13.4	13.2	13.0	12.8	12.6
53.75°	14.8	14.6	14.5	14.3	14.2	14.0	13.8	13.6	13.5	13.3	13.1
52.5°	15.3	15.1	15.0	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.5
51.25°	15.8	15.6	15.4	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9
50°	16.2	16.1	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3
48.75°	21.9	19.3	16.6	16.2	16.0	15.9	15.6	15.4	15.2	15.0	14.8
47.5°	29.7	27.0	24.2	21.3	18.2	16.3	16.1	15.9	15.7	15.4	15.2
46.25°	42.1	35.8	31.8	28.7	25.5	22.2	18.7	16.3	16.1	15.8	15.6
45°	59.6	53.1	46.2	39.0	32.8	29.3	25.8	22.0	18.2	16.3	16.0
43.75°	77.6	70.2	63.1	55.7	47.9	39.8	32.7	28.9	24.9	20.8	16.6
42.5°	97.4	89.3	80.9	72.2	64.1	55.7	47.0	38.0	31.6	27.3	23.0
41.25°	117.0	108.7	99.9	90.8	81.2	71.5	62.5	53.2	43.6	33.8	29.3
40°	135.2	127.2	118.7	109.3	99.4	89.2	78.5	68.3	58.3	48.1	37.7
38.75°	153.2	144.9	136.1	127.0	117.5	106.9	95.9	84.5	72.9	62.3	51.5
37.5°	172.9	162.9	153.3	143.9	134.1	123.9	113.0	101.3	89.2	76.8	65.2
36.25°	193.4	183.0	172.1	160.8	150.4	139.9	129.0	117.8	105.3	92.6	79.5
35°	215.7	203.0	191.7	180.0	167.8	155.7	144.5	132.9	121.0	108.1	94.6



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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°	241.8	227.3	212.1	198.9	186.3	173.2	159.8	147.8	135.5	122.9	109.4
32.5°	267.8	252.7	237.0	220.6	204.5	191.1	177.2	162.9	149.8	136.8	123.6
31.25°	297.5	279.2	261.5	244.6	227.0	209.0	194.3	179.5	164.5	150.4	136.8
30°	327.3	308.2	288.4	268.1	250.0	231.3	212.1	195.9	180.3	164.5	149.8
28.75°	358.5	336.9	316.3	295.1	273.1	253.3	233.5	213.2	195.9	179.5	162.9
27.5°	391.3	368.1	343.9	321.8	299.1	275.7	254.4	233.5	212.1	194.3	177.2
26.25°	423.7	399.5	374.5	348.7	324.5	300.4	275.7	253.3	231.3	209.0	191.1
25°	459.3	431.0	404.5	377.8	350.3	324.5	299.1	273.1	250.0	227.0	204.5
23.75°	494.5	465.2	434.8	406.1	377.8	348.7	321.8	295.1	268.1	244.6	220.6
22.5°	529.4	498.5	467.1	434.8	404.5	374.5	343.9	316.3	288.4	261.5	237.0
21.25°	565.3	531.5	498.5	465.2	431.0	399.5	368.1	336.9	308.2	279.2	252.7
20°	604.0	565.3	529.4	494.5	459.3	423.7	391.3	358.5	327.3	297.5	267.8
18.75°	635.3	601.5	560.2	522.9	486.5	449.6	413.6	380.0	345.8	315.1	284.3
17.5°	663.3	630.9	593.8	551.3	512.6	474.6	436.1	400.4	365.5	331.7	300.3
16.25°	688.2	657.1	622.1	581.0	538.2	498.4	459.0	419.8	384.2	348.1	315.5
15°	710.8	680.5	646.8	609.0	563.3	521.0	480.6	439.7	401.7	365.0	329.7
13.75°	731.5	701.1	668.6	631.8	589.5	543.1	500.8	459.1	418.1	380.7	343.0
12.5°	750.4	719.8	687.5	652.0	612.2	564.3	519.5	477.0	434.3	395.2	357.0
11.25°	768.0	736.9	704.6	670.0	631.0	585.8	537.6	493.5	450.0	408.6	369.7
10°	784.7	752.1	719.5	685.2	647.4	605.1	554.0	508.5	464.3	420.6	381.3
8.75°	800.0	765.9	733.0	698.5	661.3	619.6	570.0	521.9	477.0	432.1	391.5
7.5°	813.8	778.5	744.5	710.0	673.6	632.4	584.6	534.2	488.2	442.8	400.5
6.25°	825.6	789.4	754.3	719.6	683.2	643.1	597.1	544.7	497.7	451.8	408.2
5°	834.8	798.6	762.5	727.6	691.1	651.4	606.8	553.3	505.6	459.3	414.5
3.75°	842.1	806.0	769.2	733.9	697.3	657.8	613.5	560.2	511.7	465.2	419.4
2.5°	847.4	811.3	774.0	738.3	701.7	662.5	618.4	565.7	516.2	469.4	423.0
1.25°	850.5	814.5	776.9	740.9	704.4	665.3	621.3	569.1	518.8	471.9	425.1
0°	851.6	815.6	777.9	741.8	705.3	666.2	622.3	570.2	519.7	472.8	425.8
-1.25°	850.5	814.5	776.9	740.9	704.4	665.3	621.3	569.1	518.8	471.9	425.1
-2.5°	847.4	811.3	774.0	738.3	701.7	662.5	618.4	565.7	516.2	469.4	423.0
-3.75°	842.1	806.0	769.2	733.9	697.3	657.8	613.5	560.2	511.7	465.2	419.4
-5°	834.8	798.6	762.5	727.6	691.1	651.4	606.8	553.3	505.6	459.3	414.5
-6.25°	825.6	789.4	754.3	719.6	683.2	643.1	597.1	544.7	497.7	451.8	408.2
-7.5°	813.8	778.5	744.5	710.0	673.6	632.4	584.6	534.2	488.2	442.8	400.5
-8.75°	800.0	765.9	733.0	698.5	661.3	619.6	570.0	521.9	477.0	432.1	391.5
-10°	784.7	752.1	719.5	685.2	647.4	605.1	554.0	508.5	464.3	420.6	381.3
-11.25°	768.0	736.9	704.6	670.0	631.0	585.8	537.6	493.5	450.0	408.6	369.7
-12.5°	750.4	719.8	687.5	652.0	612.2	564.3	519.5	477.0	434.3	395.2	357.0
-13.75°	731.5	701.1	668.6	631.8	589.5	543.1	500.8	459.1	418.1	380.7	343.0
-15°	710.8	680.5	646.8	609.0	563.3	521.0	480.6	439.7	401.7	365.0	329.7
-16.25°	688.2	657.1	622.1	581.0	538.2	498.4	459.0	419.8	384.2	348.1	315.5
-17.5°	663.3	630.9	593.8	551.3	512.6	474.6	436.1	400.4	365.5	331.7	300.3
-18.75°	635.3	601.5	560.2	522.9	486.5	449.6	413.6	380.0	345.8	315.1	284.3
-20°	604.0	565.3	529.4	494.5	459.3	423.7	391.3	358.5	327.3	297.5	267.8
-21.25°	565.3	531.5	498.5	465.2	431.0	399.5	368.1	336.9	308.2	279.2	252.7



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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°	529.4	498.5	467.1	434.8	404.5	374.5	343.9	316.3	288.4	261.5	237.0
-23.75°	494.5	465.2	434.8	406.1	377.8	348.7	321.8	295.1	268.1	244.6	220.6
-25°	459.3	431.0	404.5	377.8	350.3	324.5	299.1	273.1	250.0	227.0	204.5
-26.25°	423.7	399.5	374.5	348.7	324.5	300.4	275.7	253.3	231.3	209.0	191.1
-27.5°	391.3	368.1	343.9	321.8	299.1	275.7	254.4	233.5	212.1	194.3	177.2
-28.75°	358.5	336.9	316.3	295.1	273.1	253.3	233.5	213.2	195.9	179.5	162.9
-30°	327.3	308.2	288.4	268.1	250.0	231.3	212.1	195.9	180.3	164.5	149.8
-31.25°	297.5	279.2	261.5	244.6	227.0	209.0	194.3	179.5	164.5	150.4	136.8
-32.5°	267.8	252.7	237.0	220.6	204.5	191.1	177.2	162.9	149.8	136.8	123.6
-33.75°	241.8	227.3	212.1	198.9	186.3	173.2	159.8	147.8	135.5	122.9	109.4
-35°	215.7	203.0	191.7	180.0	167.8	155.7	144.5	132.9	121.0	108.1	94.6
-36.25°	193.4	183.0	172.1	160.8	150.4	139.9	129.0	117.8	105.3	92.6	79.5
-37.5°	172.9	162.9	153.3	143.9	134.1	123.9	113.0	101.3	89.2	76.8	65.2
-38.75°	153.2	144.9	136.1	127.0	117.5	106.9	95.9	84.5	72.9	62.3	51.5
-40°	135.2	127.2	118.7	109.3	99.4	89.2	78.5	68.3	58.3	48.1	37.7
-41.25°	117.0	108.7	99.9	90.8	81.2	71.5	62.5	53.2	43.6	33.8	29.3
-42.5°	97.4	89.3	80.9	72.2	64.1	55.7	47.0	38.0	31.6	27.3	23.0
-43.75°	77.6	70.2	63.1	55.7	47.9	39.8	32.7	28.9	24.9	20.8	16.6
-45°	59.6	53.1	46.2	39.0	32.8	29.3	25.8	22.0	18.2	16.3	16.0
-46.25°	42.1	35.8	31.8	28.7	25.5	22.2	18.7	16.3	16.1	15.8	15.6
-47.5°	29.7	27.0	24.2	21.3	18.2	16.3	16.1	15.9	15.7	15.4	15.2
-48.75°	21.9	19.3	16.6	16.2	16.0	15.9	15.6	15.4	15.2	15.0	14.8
-50°	16.2	16.1	15.9	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.3
-51.25°	15.8	15.6	15.4	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9
-52.5°	15.3	15.1	15.0	14.8	14.6	14.5	14.3	14.1	13.9	13.7	13.5
-53.75°	14.8	14.6	14.5	14.3	14.2	14.0	13.8	13.6	13.5	13.3	13.1
-55°	14.3	14.1	14.0	13.8	13.7	13.5	13.4	13.2	13.0	12.8	12.6
-56.25°	13.7	13.6	13.5	13.3	13.2	13.0	12.9	12.7	12.6	12.4	12.2
-57.5°	13.2	13.1	13.0	12.9	12.7	12.6	12.4	12.3	12.1	12.0	12.0
-58.75°	12.7	12.6	12.5	12.4	12.2	12.1	12.0	12.0	12.0	12.0	12.0
-60°	12.2	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
-61.25°	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.7	11.5
-62.5°	12.0	12.0	12.0	12.0	11.9	11.8	11.6	11.5	11.4	11.2	11.1
-63.75°	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.0	10.9	10.8	10.6
-65°	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.4	10.3	10.2
-66.25°	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7
-67.5°	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3
-68.75°	9.8	9.7	9.6	9.5	9.4	9.3	9.3	9.2	9.0	8.9	8.8
-70°	9.2	9.2	9.1	9.0	8.9	8.9	8.8	8.7	8.7	8.7	8.7
-71.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-72.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6
-73.75°	8.7	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.3	8.2	8.1
-75°	8.3	8.2	8.2	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6
-76.25°	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	6.9	6.8
-77.5°	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	5.9



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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°	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.4	5.4	5.3	5.3
-80°	5.2	5.2	5.2	5.1	5.1	5.0	5.0	5.0	4.9	4.9	4.8
-81.25°	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3
-82.5°	4.2	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.9
-83.75°	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.4
-85°	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.6
-86.25°	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
85°	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
83.75°	3.4	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7
82.5°	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4
81.25°	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8
80°	4.8	4.7	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.1
78.75°	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5
77.5°	5.8	5.7	5.5	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9
76.25°	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.5	5.4	5.3
75°	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.2	6.0	5.8
73.75°	8.0	7.9	7.8	7.7	7.6	7.5	7.3	7.1	6.9	6.7	6.5
72.5°	8.5	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.6	7.4	7.2
71.25°	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8
70°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.4	8.3	8.1
68.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.5
67.5°	9.2	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7
66.25°	9.6	9.5	9.3	9.2	9.1	8.9	8.8	8.7	8.7	8.7	8.7
65°	10.1	9.9	9.8	9.6	9.5	9.3	9.2	9.0	8.8	8.7	8.7
63.75°	10.5	10.3	10.2	10.0	9.9	9.7	9.5	9.4	9.2	9.0	8.8
62.5°	10.9	10.8	10.6	10.5	10.3	10.1	9.9	9.8	9.6	9.4	9.2
61.25°	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5
60°	11.8	11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9
58.75°	12.0	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3
57.5°	12.0	12.0	12.0	12.0	11.9	11.7	11.5	11.3	11.0	10.8	10.6
56.25°	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.6	11.4	11.2	10.9
55°	12.4	12.2	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.5	11.3
53.75°	12.9	12.6	12.4	12.2	12.0	12.0	12.0	12.0	12.0	11.9	11.6
52.5°	13.3	13.1	12.8	12.6	12.4	12.1	12.0	12.0	12.0	12.0	12.0
51.25°	13.7	13.5	13.2	13.0	12.8	12.5	12.3	12.0	12.0	12.0	12.0
50°	14.1	13.9	13.6	13.4	13.1	12.9	12.6	12.3	12.1	12.0	12.0
48.75°	14.5	14.3	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	12.0
47.5°	14.9	14.7	14.4	14.2	13.9	13.6	13.3	13.0	12.8	12.5	12.2
46.25°	15.3	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.8	12.5
45°	15.7	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.8
43.75°	16.1	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.7	13.4	13.1
42.5°	18.5	16.2	16.0	15.7	15.3	15.0	14.7	14.4	14.1	13.7	13.4
41.25°	24.7	20.0	16.3	16.0	15.7	15.4	15.0	14.7	14.4	14.0	13.7
40°	30.8	25.9	20.9	16.4	16.0	15.7	15.4	15.0	14.7	14.3	14.0
38.75°	40.5	31.8	26.6	21.4	16.4	16.0	15.7	15.3	15.0	14.6	14.3
37.5°	53.8	42.2	32.2	26.9	21.4	16.4	16.0	15.7	15.3	14.9	14.5
36.25°	66.9	55.0	42.7	32.2	26.6	20.9	16.3	16.0	15.6	15.2	14.8
35°	80.8	67.5	55.0	42.2	31.8	25.9	20.0	16.2	15.9	15.5	15.1



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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°	95.3	80.8	66.9	53.8	40.5	30.8	24.7	18.5	16.1	15.7	15.3
32.5°	109.4	94.6	79.5	65.2	51.5	37.7	29.3	23.0	16.6	16.0	15.6
31.25°	122.9	108.1	92.6	76.8	62.3	48.1	33.8	27.3	20.8	16.3	15.8
30°	135.5	121.0	105.3	89.2	72.9	58.3	43.6	31.6	24.9	18.2	16.1
28.75°	147.8	132.9	117.8	101.3	84.5	68.3	53.2	38.0	28.9	22.0	16.3
27.5°	159.8	144.5	129.0	113.0	95.9	78.5	62.5	47.0	32.7	25.8	18.7
26.25°	173.2	155.7	139.9	123.9	106.9	89.2	71.5	55.7	39.8	29.3	22.2
25°	186.3	167.8	150.4	134.1	117.5	99.4	81.2	64.1	47.9	32.8	25.5
23.75°	198.9	180.0	160.8	143.9	127.0	109.3	90.8	72.2	55.7	39.0	28.7
22.5°	212.1	191.7	172.1	153.3	136.1	118.7	99.9	80.9	63.1	46.2	31.8
21.25°	227.3	203.0	183.0	162.9	144.9	127.2	108.7	89.3	70.2	53.1	35.8
20°	241.8	215.7	193.4	172.9	153.2	135.2	117.0	97.4	77.6	59.6	42.1
18.75°	255.7	229.0	203.3	182.4	161.4	142.8	124.4	105.0	84.9	65.8	48.0
17.5°	268.8	241.6	214.3	191.4	170.1	150.0	131.4	112.2	91.8	71.6	53.6
16.25°	283.3	253.6	225.7	199.9	178.2	156.8	137.9	118.9	98.3	77.7	58.9
15°	296.9	264.8	236.5	208.0	185.9	163.7	144.0	124.7	104.4	83.5	63.8
13.75°	309.6	276.1	246.4	217.6	192.9	170.6	149.6	130.1	110.0	88.9	68.4
12.5°	321.4	287.4	255.7	226.4	199.5	176.8	154.8	135.1	115.2	93.8	72.5
11.25°	332.2	297.7	264.1	234.5	205.4	182.5	159.6	139.7	119.8	98.4	76.8
10°	341.9	307.0	272.0	241.8	211.8	187.7	164.5	143.8	123.7	102.4	80.7
8.75°	351.6	315.3	279.9	248.3	218.0	192.3	168.9	147.4	127.2	106.0	84.1
7.5°	360.2	322.5	286.9	253.9	223.4	196.3	172.7	150.6	130.2	109.2	87.1
6.25°	367.5	328.7	292.7	258.7	228.0	199.6	176.0	153.3	132.8	111.8	89.7
5°	373.5	333.7	297.6	262.6	231.8	202.4	178.6	155.5	134.9	114.0	91.8
3.75°	378.2	337.7	301.4	265.7	234.7	204.6	180.7	157.2	136.5	115.7	93.4
2.5°	381.6	340.5	304.1	267.9	236.9	206.2	182.2	158.4	137.7	116.9	94.6
1.25°	383.6	342.2	305.7	269.3	238.1	207.1	183.1	159.2	138.4	117.7	95.3
0°	384.3	342.8	306.3	269.7	238.6	207.4	183.4	159.4	138.7	117.9	95.5
-1.25°	383.6	342.2	305.7	269.3	238.1	207.1	183.1	159.2	138.4	117.7	95.3
-2.5°	381.6	340.5	304.1	267.9	236.9	206.2	182.2	158.4	137.7	116.9	94.6
-3.75°	378.2	337.7	301.4	265.7	234.7	204.6	180.7	157.2	136.5	115.7	93.4
-5°	373.5	333.7	297.6	262.6	231.8	202.4	178.6	155.5	134.9	114.0	91.8
-6.25°	367.5	328.7	292.7	258.7	228.0	199.6	176.0	153.3	132.8	111.8	89.7
-7.5°	360.2	322.5	286.9	253.9	223.4	196.3	172.7	150.6	130.2	109.2	87.1
-8.75°	351.6	315.3	279.9	248.3	218.0	192.3	168.9	147.4	127.2	106.0	84.1
-10°	341.9	307.0	272.0	241.8	211.8	187.7	164.5	143.8	123.7	102.4	80.7
-11.25°	332.2	297.7	264.1	234.5	205.4	182.5	159.6	139.7	119.8	98.4	76.8
-12.5°	321.4	287.4	255.7	226.4	199.5	176.8	154.8	135.1	115.2	93.8	72.5
-13.75°	309.6	276.1	246.4	217.6	192.9	170.6	149.6	130.1	110.0	88.9	68.4
-15°	296.9	264.8	236.5	208.0	185.9	163.7	144.0	124.7	104.4	83.5	63.8
-16.25°	283.3	253.6	225.7	199.9	178.2	156.8	137.9	118.9	98.3	77.7	58.9
-17.5°	268.8	241.6	214.3	191.4	170.1	150.0	131.4	112.2	91.8	71.6	53.6
-18.75°	255.7	229.0	203.3	182.4	161.4	142.8	124.4	105.0	84.9	65.8	48.0
-20°	241.8	215.7	193.4	172.9	153.2	135.2	117.0	97.4	77.6	59.6	42.1
-21.25°	227.3	203.0	183.0	162.9	144.9	127.2	108.7	89.3	70.2	53.1	35.8



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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°	212.1	191.7	172.1	153.3	136.1	118.7	99.9	80.9	63.1	46.2	31.8
-23.75°	198.9	180.0	160.8	143.9	127.0	109.3	90.8	72.2	55.7	39.0	28.7
-25°	186.3	167.8	150.4	134.1	117.5	99.4	81.2	64.1	47.9	32.8	25.5
-26.25°	173.2	155.7	139.9	123.9	106.9	89.2	71.5	55.7	39.8	29.3	22.2
-27.5°	159.8	144.5	129.0	113.0	95.9	78.5	62.5	47.0	32.7	25.8	18.7
-28.75°	147.8	132.9	117.8	101.3	84.5	68.3	53.2	38.0	28.9	22.0	16.3
-30°	135.5	121.0	105.3	89.2	72.9	58.3	43.6	31.6	24.9	18.2	16.1
-31.25°	122.9	108.1	92.6	76.8	62.3	48.1	33.8	27.3	20.8	16.3	15.8
-32.5°	109.4	94.6	79.5	65.2	51.5	37.7	29.3	23.0	16.6	16.0	15.6
-33.75°	95.3	80.8	66.9	53.8	40.5	30.8	24.7	18.5	16.1	15.7	15.3
-35°	80.8	67.5	55.0	42.2	31.8	25.9	20.0	16.2	15.9	15.5	15.1
-36.25°	66.9	55.0	42.7	32.2	26.6	20.9	16.3	16.0	15.6	15.2	14.8
-37.5°	53.8	42.2	32.2	26.9	21.4	16.4	16.0	15.7	15.3	14.9	14.5
-38.75°	40.5	31.8	26.6	21.4	16.4	16.0	15.7	15.3	15.0	14.6	14.3
-40°	30.8	25.9	20.9	16.4	16.0	15.7	15.4	15.0	14.7	14.3	14.0
-41.25°	24.7	20.0	16.3	16.0	15.7	15.4	15.0	14.7	14.4	14.0	13.7
-42.5°	18.5	16.2	16.0	15.7	15.3	15.0	14.7	14.4	14.1	13.7	13.4
-43.75°	16.1	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.7	13.4	13.1
-45°	15.7	15.5	15.2	14.9	14.6	14.3	14.0	13.7	13.4	13.1	12.8
-46.25°	15.3	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.8	12.5
-47.5°	14.9	14.7	14.4	14.2	13.9	13.6	13.3	13.0	12.8	12.5	12.2
-48.75°	14.5	14.3	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	12.0
-50°	14.1	13.9	13.6	13.4	13.1	12.9	12.6	12.3	12.1	12.0	12.0
-51.25°	13.7	13.5	13.2	13.0	12.8	12.5	12.3	12.0	12.0	12.0	12.0
-52.5°	13.3	13.1	12.8	12.6	12.4	12.1	12.0	12.0	12.0	12.0	12.0
-53.75°	12.9	12.6	12.4	12.2	12.0	12.0	12.0	12.0	12.0	11.9	11.6
-55°	12.4	12.2	12.0	12.0	12.0	12.0	12.0	12.0	11.8	11.5	11.3
-56.25°	12.0	12.0	12.0	12.0	12.0	12.0	11.9	11.6	11.4	11.2	10.9
-57.5°	12.0	12.0	12.0	12.0	11.9	11.7	11.5	11.3	11.0	10.8	10.6
-58.75°	12.0	12.0	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3
-60°	11.8	11.6	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9
-61.25°	11.4	11.2	11.0	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5
-62.5°	10.9	10.8	10.6	10.5	10.3	10.1	9.9	9.8	9.6	9.4	9.2
-63.75°	10.5	10.3	10.2	10.0	9.9	9.7	9.5	9.4	9.2	9.0	8.8
-65°	10.1	9.9	9.8	9.6	9.5	9.3	9.2	9.0	8.8	8.7	8.7
-66.25°	9.6	9.5	9.3	9.2	9.1	8.9	8.8	8.7	8.7	8.7	8.7
-67.5°	9.2	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-68.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.5
-70°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.4	8.3	8.1
-71.25°	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8
-72.5°	8.5	8.4	8.3	8.2	8.1	8.0	7.8	7.7	7.6	7.4	7.2
-73.75°	8.0	7.9	7.8	7.7	7.6	7.5	7.3	7.1	6.9	6.7	6.5
-75°	7.5	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.2	6.0	5.8
-76.25°	6.7	6.5	6.4	6.2	6.1	5.9	5.7	5.6	5.5	5.4	5.3
-77.5°	5.8	5.7	5.5	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9



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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°
-78.75°	5.2	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.5
-80°	4.8	4.7	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.1
-81.25°	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8
-82.5°	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4
-83.75°	3.4	3.4	3.3	3.3	3.2	3.1	3.0	3.0	2.9	2.8	2.7
-85°	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-86.25°	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.5	0.5	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):

	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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
85°	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1
83.75°	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.7	1.6
82.5°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.4	2.3	2.2
81.25°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.0	2.9	2.7
80°	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4	3.3
78.75°	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6
77.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8
76.25°	5.2	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1
75°	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.5	4.4
73.75°	6.3	6.0	5.8	5.6	5.4	5.3	5.2	5.0	4.9	4.8	4.6
72.5°	6.9	6.7	6.5	6.2	6.0	5.7	5.5	5.3	5.2	5.0	4.9
71.25°	7.6	7.4	7.1	6.8	6.6	6.3	6.0	5.7	5.5	5.3	5.2
70°	8.0	7.8	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.4
68.75°	8.3	8.2	8.0	7.9	7.7	7.5	7.2	6.9	6.5	6.2	5.9
67.5°	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.4	7.1	6.7	6.4
66.25°	8.7	8.7	8.7	8.5	8.3	8.2	8.0	7.8	7.6	7.2	6.9
65°	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1	7.9	7.7	7.3
63.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4	8.1	7.9	7.7
62.5°	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.6	8.4	8.2	8.0
61.25°	9.3	9.1	8.9	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.2
60°	9.7	9.5	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.5
58.75°	10.0	9.8	9.6	9.3	9.1	8.9	8.7	8.7	8.7	8.7	8.7
57.5°	10.4	10.1	9.9	9.6	9.4	9.2	8.9	8.7	8.7	8.7	8.7
56.25°	10.7	10.5	10.2	10.0	9.7	9.4	9.2	8.9	8.7	8.7	8.7
55°	11.0	10.8	10.5	10.3	10.0	9.7	9.5	9.2	8.9	8.7	8.7
53.75°	11.4	11.1	10.8	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7
52.5°	11.7	11.4	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8
51.25°	12.0	11.7	11.4	11.1	10.9	10.6	10.3	10.0	9.6	9.3	9.0
50°	12.0	12.0	11.7	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.2
48.75°	12.0	12.0	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.8	9.5
47.5°	12.0	12.0	12.0	12.0	11.7	11.4	11.0	10.7	10.4	10.0	9.7
46.25°	12.2	12.0	12.0	12.0	12.0	11.6	11.3	10.9	10.6	10.3	9.9
45°	12.5	12.1	12.0	12.0	12.0	11.9	11.5	11.2	10.8	10.5	10.1
43.75°	12.8	12.4	12.1	12.0	12.0	12.0	11.8	11.4	11.0	10.7	10.3
42.5°	13.0	12.7	12.3	12.0	12.0	12.0	12.0	11.6	11.3	10.9	10.5
41.25°	13.3	13.0	12.6	12.3	12.0	12.0	12.0	11.9	11.5	11.1	10.7
40°	13.6	13.2	12.9	12.5	12.1	12.0	12.0	12.0	11.7	11.3	10.9
38.75°	13.9	13.5	13.1	12.8	12.4	12.0	12.0	12.0	11.9	11.5	11.1
37.5°	14.2	13.8	13.4	13.0	12.6	12.2	12.0	12.0	12.0	11.7	11.3
36.25°	14.4	14.0	13.6	13.2	12.8	12.4	12.0	12.0	12.0	11.9	11.5
35°	14.7	14.3	13.9	13.5	13.1	12.6	12.2	12.0	12.0	12.0	11.6



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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°
33.75°	14.9	14.5	14.1	13.7	13.3	12.9	12.4	12.0	12.0	12.0	11.8
32.5°	15.2	14.8	14.3	13.9	13.5	13.1	12.6	12.2	12.0	12.0	12.0
31.25°	15.4	15.0	14.6	14.1	13.7	13.3	12.8	12.4	12.0	12.0	12.0
30°	15.7	15.2	14.8	14.3	13.9	13.5	13.0	12.6	12.1	12.0	12.0
28.75°	15.9	15.4	15.0	14.5	14.1	13.6	13.2	12.7	12.3	12.0	12.0
27.5°	16.1	15.6	15.2	14.7	14.3	13.8	13.4	12.9	12.4	12.0	12.0
26.25°	16.3	15.9	15.4	14.9	14.5	14.0	13.5	13.0	12.6	12.1	12.0
25°	18.2	16.0	15.6	15.1	14.6	14.2	13.7	13.2	12.7	12.2	12.0
23.75°	21.3	16.2	15.8	15.3	14.8	14.3	13.8	13.3	12.9	12.4	12.0
22.5°	24.2	16.6	15.9	15.4	15.0	14.5	14.0	13.5	13.0	12.5	12.0
21.25°	27.0	19.3	16.1	15.6	15.1	14.6	14.1	13.6	13.1	12.6	12.1
20°	29.7	21.9	16.2	15.8	15.3	14.8	14.3	13.7	13.2	12.7	12.2
18.75°	32.2	24.3	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.8	12.3
17.5°	35.6	26.6	18.6	16.0	15.5	15.0	14.5	14.0	13.5	12.9	12.4
16.25°	40.7	28.7	20.6	16.2	15.6	15.1	14.6	14.1	13.6	13.0	12.5
15°	45.4	30.7	22.5	16.3	15.7	15.2	14.7	14.2	13.7	13.1	12.6
13.75°	49.7	32.6	24.3	16.4	15.9	15.3	14.8	14.3	13.7	13.2	12.7
12.5°	53.7	34.9	25.9	17.6	15.9	15.4	14.9	14.4	13.8	13.3	12.8
11.25°	57.4	38.4	27.4	19.0	16.0	15.5	15.0	14.4	13.9	13.4	12.8
10°	60.6	41.5	28.7	20.3	16.1	15.6	15.0	14.5	14.0	13.4	12.9
8.75°	63.5	44.3	29.9	21.4	16.2	15.6	15.1	14.6	14.0	13.5	12.9
7.5°	66.1	46.7	30.9	22.4	16.2	15.7	15.1	14.6	14.1	13.5	13.0
6.25°	68.2	48.8	31.8	23.2	16.3	15.7	15.2	14.7	14.1	13.6	13.0
5°	70.0	50.4	32.5	23.9	16.3	15.8	15.2	14.7	14.1	13.6	13.0
3.75°	71.3	51.8	33.1	24.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
2.5°	72.3	52.7	33.5	24.8	16.4	15.8	15.3	14.7	14.2	13.6	13.1
1.25°	72.9	53.3	33.7	25.0	16.4	15.8	15.3	14.7	14.2	13.6	13.1
0°	73.1	53.5	33.8	25.1	16.4	15.9	15.3	14.8	14.2	13.7	13.1
-1.25°	72.9	53.3	33.7	25.0	16.4	15.8	15.3	14.7	14.2	13.6	13.1
-2.5°	72.3	52.7	33.5	24.8	16.4	15.8	15.3	14.7	14.2	13.6	13.1
-3.75°	71.3	51.8	33.1	24.4	16.4	15.8	15.3	14.7	14.2	13.6	13.1
-5°	70.0	50.4	32.5	23.9	16.3	15.8	15.2	14.7	14.1	13.6	13.0
-6.25°	68.2	48.8	31.8	23.2	16.3	15.7	15.2	14.7	14.1	13.6	13.0
-7.5°	66.1	46.7	30.9	22.4	16.2	15.7	15.1	14.6	14.1	13.5	13.0
-8.75°	63.5	44.3	29.9	21.4	16.2	15.6	15.1	14.6	14.0	13.5	12.9
-10°	60.6	41.5	28.7	20.3	16.1	15.6	15.0	14.5	14.0	13.4	12.9
-11.25°	57.4	38.4	27.4	19.0	16.0	15.5	15.0	14.4	13.9	13.4	12.8
-12.5°	53.7	34.9	25.9	17.6	15.9	15.4	14.9	14.4	13.8	13.3	12.8
-13.75°	49.7	32.6	24.3	16.4	15.9	15.3	14.8	14.3	13.7	13.2	12.7
-15°	45.4	30.7	22.5	16.3	15.7	15.2	14.7	14.2	13.7	13.1	12.6
-16.25°	40.7	28.7	20.6	16.2	15.6	15.1	14.6	14.1	13.6	13.0	12.5
-17.5°	35.6	26.6	18.6	16.0	15.5	15.0	14.5	14.0	13.5	12.9	12.4
-18.75°	32.2	24.3	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.8	12.3
-20°	29.7	21.9	16.2	15.8	15.3	14.8	14.3	13.7	13.2	12.7	12.2
-21.25°	27.0	19.3	16.1	15.6	15.1	14.6	14.1	13.6	13.1	12.6	12.1



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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°
-22.5°	24.2	16.6	15.9	15.4	15.0	14.5	14.0	13.5	13.0	12.5	12.0
-23.75°	21.3	16.2	15.8	15.3	14.8	14.3	13.8	13.3	12.9	12.4	12.0
-25°	18.2	16.0	15.6	15.1	14.6	14.2	13.7	13.2	12.7	12.2	12.0
-26.25°	16.3	15.9	15.4	14.9	14.5	14.0	13.5	13.0	12.6	12.1	12.0
-27.5°	16.1	15.6	15.2	14.7	14.3	13.8	13.4	12.9	12.4	12.0	12.0
-28.75°	15.9	15.4	15.0	14.5	14.1	13.6	13.2	12.7	12.3	12.0	12.0
-30°	15.7	15.2	14.8	14.3	13.9	13.5	13.0	12.6	12.1	12.0	12.0
-31.25°	15.4	15.0	14.6	14.1	13.7	13.3	12.8	12.4	12.0	12.0	12.0
-32.5°	15.2	14.8	14.3	13.9	13.5	13.1	12.6	12.2	12.0	12.0	12.0
-33.75°	14.9	14.5	14.1	13.7	13.3	12.9	12.4	12.0	12.0	12.0	11.8
-35°	14.7	14.3	13.9	13.5	13.1	12.6	12.2	12.0	12.0	12.0	11.6
-36.25°	14.4	14.0	13.6	13.2	12.8	12.4	12.0	12.0	12.0	11.9	11.5
-37.5°	14.2	13.8	13.4	13.0	12.6	12.2	12.0	12.0	12.0	11.7	11.3
-38.75°	13.9	13.5	13.1	12.8	12.4	12.0	12.0	12.0	11.9	11.5	11.1
-40°	13.6	13.2	12.9	12.5	12.1	12.0	12.0	12.0	11.7	11.3	10.9
-41.25°	13.3	13.0	12.6	12.3	12.0	12.0	12.0	11.9	11.5	11.1	10.7
-42.5°	13.0	12.7	12.3	12.0	12.0	12.0	12.0	11.6	11.3	10.9	10.5
-43.75°	12.8	12.4	12.1	12.0	12.0	12.0	11.8	11.4	11.0	10.7	10.3
-45°	12.5	12.1	12.0	12.0	12.0	11.9	11.5	11.2	10.8	10.5	10.1
-46.25°	12.2	12.0	12.0	12.0	12.0	11.6	11.3	10.9	10.6	10.3	9.9
-47.5°	12.0	12.0	12.0	12.0	11.7	11.4	11.0	10.7	10.4	10.0	9.7
-48.75°	12.0	12.0	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.8	9.5
-50°	12.0	12.0	11.7	11.4	11.1	10.8	10.5	10.2	9.9	9.6	9.2
-51.25°	12.0	11.7	11.4	11.1	10.9	10.6	10.3	10.0	9.6	9.3	9.0
-52.5°	11.7	11.4	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8
-53.75°	11.4	11.1	10.8	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7
-55°	11.0	10.8	10.5	10.3	10.0	9.7	9.5	9.2	8.9	8.7	8.7
-56.25°	10.7	10.5	10.2	10.0	9.7	9.4	9.2	8.9	8.7	8.7	8.7
-57.5°	10.4	10.1	9.9	9.6	9.4	9.2	8.9	8.7	8.7	8.7	8.7
-58.75°	10.0	9.8	9.6	9.3	9.1	8.9	8.7	8.7	8.7	8.7	8.7
-60°	9.7	9.5	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.5
-61.25°	9.3	9.1	8.9	8.7	8.7	8.7	8.7	8.7	8.7	8.5	8.2
-62.5°	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.6	8.4	8.2	8.0
-63.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4	8.1	7.9	7.7
-65°	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1	7.9	7.7	7.3
-66.25°	8.7	8.7	8.7	8.5	8.3	8.2	8.0	7.8	7.6	7.2	6.9
-67.5°	8.7	8.5	8.4	8.2	8.0	7.9	7.7	7.4	7.1	6.7	6.4
-68.75°	8.3	8.2	8.0	7.9	7.7	7.5	7.2	6.9	6.5	6.2	5.9
-70°	8.0	7.8	7.7	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.4
-71.25°	7.6	7.4	7.1	6.8	6.6	6.3	6.0	5.7	5.5	5.3	5.2
-72.5°	6.9	6.7	6.5	6.2	6.0	5.7	5.5	5.3	5.2	5.0	4.9
-73.75°	6.3	6.0	5.8	5.6	5.4	5.3	5.2	5.0	4.9	4.8	4.6
-75°	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.7	4.6	4.5	4.4
-76.25°	5.2	5.1	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.2	4.1
-77.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8



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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°	4.4	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.7	3.6
-80°	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.5	3.4	3.3
-81.25°	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.0	2.9	2.7
-82.5°	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.4	2.3	2.2
-83.75°	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.7	1.6
-85°	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1
-86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
-88.75°	0.4	0.4	0.4	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):

	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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
83.75°	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
82.5°	2.1	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
81.25°	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1
80°	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
78.75°	3.5	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7
77.5°	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.6	2.4	2.2	2.0
76.25°	4.0	3.9	3.8	3.6	3.5	3.4	3.2	3.0	2.8	2.5	2.3
75°	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.1	2.8	2.6
73.75°	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.1	2.9
72.5°	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.5	3.4	3.1
71.25°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.9	3.7	3.5	3.4
70°	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5
68.75°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.7
67.5°	6.0	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8
66.25°	6.5	6.1	5.7	5.4	5.2	5.0	4.8	4.6	4.4	4.2	3.9
65°	7.0	6.6	6.1	5.7	5.4	5.2	5.0	4.8	4.5	4.3	4.1
63.75°	7.4	7.0	6.6	6.1	5.7	5.4	5.2	4.9	4.7	4.5	4.2
62.5°	7.7	7.4	7.0	6.6	6.1	5.6	5.3	5.1	4.9	4.6	4.4
61.25°	8.0	7.7	7.4	7.0	6.5	6.0	5.5	5.3	5.0	4.8	4.5
60°	8.2	8.0	7.7	7.3	6.9	6.4	5.9	5.4	5.2	4.9	4.6
58.75°	8.5	8.2	7.9	7.7	7.2	6.7	6.2	5.7	5.3	5.0	4.8
57.5°	8.7	8.4	8.1	7.9	7.6	7.1	6.5	6.0	5.5	5.2	4.9
56.25°	8.7	8.6	8.4	8.1	7.8	7.4	6.9	6.3	5.7	5.3	5.0
55°	8.7	8.7	8.6	8.3	8.0	7.7	7.2	6.6	6.0	5.5	5.2
53.75°	8.7	8.7	8.7	8.5	8.2	7.9	7.5	6.9	6.3	5.7	5.3
52.5°	8.7	8.7	8.7	8.7	8.3	8.0	7.7	7.2	6.6	6.0	5.4
51.25°	8.7	8.7	8.7	8.7	8.5	8.2	7.9	7.5	6.8	6.2	5.6
50°	8.9	8.7	8.7	8.7	8.7	8.4	8.0	7.7	7.1	6.5	5.8
48.75°	9.1	8.8	8.7	8.7	8.7	8.5	8.2	7.8	7.4	6.7	6.0
47.5°	9.3	9.0	8.7	8.7	8.7	8.7	8.3	8.0	7.6	6.9	6.3
46.25°	9.5	9.2	8.8	8.7	8.7	8.7	8.5	8.1	7.8	7.2	6.5
45°	9.7	9.4	9.0	8.7	8.7	8.7	8.6	8.3	7.9	7.4	6.7
43.75°	9.9	9.6	9.2	8.8	8.7	8.7	8.7	8.4	8.0	7.6	6.9
42.5°	10.1	9.8	9.4	9.0	8.7	8.7	8.7	8.5	8.1	7.7	7.1
41.25°	10.3	9.9	9.5	9.2	8.8	8.7	8.7	8.7	8.3	7.8	7.3
40°	10.5	10.1	9.7	9.3	8.9	8.7	8.7	8.7	8.4	8.0	7.5
38.75°	10.7	10.3	9.9	9.5	9.1	8.7	8.7	8.7	8.5	8.1	7.6
37.5°	10.9	10.5	10.0	9.6	9.2	8.8	8.7	8.7	8.6	8.2	7.7
36.25°	11.0	10.6	10.2	9.8	9.3	8.9	8.7	8.7	8.7	8.3	7.8
35°	11.2	10.8	10.3	9.9	9.5	9.0	8.7	8.7	8.7	8.4	7.9



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	11.4	10.9	10.5	10.1	9.6	9.2	8.7	8.7	8.7	8.5	8.0
32.5°	11.5	11.1	10.6	10.2	9.7	9.3	8.8	8.7	8.7	8.6	8.1
31.25°	11.7	11.2	10.8	10.3	9.9	9.4	8.9	8.7	8.7	8.7	8.2
30°	11.8	11.4	10.9	10.4	10.0	9.5	9.0	8.7	8.7	8.7	8.3
28.75°	12.0	11.5	11.0	10.6	10.1	9.6	9.2	8.7	8.7	8.7	8.3
27.5°	12.0	11.6	11.2	10.7	10.2	9.7	9.3	8.8	8.7	8.7	8.4
26.25°	12.0	11.8	11.3	10.8	10.3	9.8	9.3	8.9	8.7	8.7	8.5
25°	12.0	11.9	11.4	10.9	10.4	9.9	9.4	8.9	8.7	8.7	8.6
23.75°	12.0	12.0	11.5	11.0	10.5	10.0	9.5	9.0	8.7	8.7	8.6
22.5°	12.0	12.0	11.6	11.1	10.6	10.1	9.6	9.1	8.7	8.7	8.7
21.25°	12.0	12.0	11.7	11.2	10.7	10.2	9.7	9.2	8.7	8.7	8.7
20°	12.0	12.0	11.8	11.3	10.8	10.3	9.8	9.2	8.7	8.7	8.7
18.75°	12.0	12.0	11.9	11.4	10.9	10.3	9.8	9.3	8.8	8.7	8.7
17.5°	12.0	12.0	12.0	11.5	10.9	10.4	9.9	9.4	8.9	8.7	8.7
16.25°	12.0	12.0	12.0	11.5	11.0	10.5	10.0	9.4	8.9	8.7	8.7
15°	12.1	12.0	12.0	11.6	11.1	10.5	10.0	9.5	9.0	8.7	8.7
13.75°	12.2	12.0	12.0	11.7	11.1	10.6	10.1	9.5	9.0	8.7	8.7
12.5°	12.2	12.0	12.0	11.7	11.2	10.7	10.1	9.6	9.0	8.7	8.7
11.25°	12.3	12.0	12.0	11.8	11.2	10.7	10.2	9.6	9.1	8.7	8.7
10°	12.3	12.0	12.0	11.8	11.3	10.7	10.2	9.7	9.1	8.7	8.7
8.75°	12.4	12.0	12.0	11.9	11.3	10.8	10.2	9.7	9.2	8.7	8.7
7.5°	12.4	12.0	12.0	11.9	11.4	10.8	10.3	9.7	9.2	8.7	8.7
6.25°	12.5	12.0	12.0	11.9	11.4	10.8	10.3	9.7	9.2	8.7	8.7
5°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
3.75°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
2.5°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
1.25°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
0°	12.6	12.0	12.0	12.0	11.5	10.9	10.4	9.8	9.3	8.7	8.7
-1.25°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
-2.5°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
-3.75°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
-5°	12.5	12.0	12.0	12.0	11.4	10.9	10.3	9.8	9.2	8.7	8.7
-6.25°	12.5	12.0	12.0	11.9	11.4	10.8	10.3	9.7	9.2	8.7	8.7
-7.5°	12.4	12.0	12.0	11.9	11.4	10.8	10.3	9.7	9.2	8.7	8.7
-8.75°	12.4	12.0	12.0	11.9	11.3	10.8	10.2	9.7	9.2	8.7	8.7
-10°	12.3	12.0	12.0	11.8	11.3	10.7	10.2	9.7	9.1	8.7	8.7
-11.25°	12.3	12.0	12.0	11.8	11.2	10.7	10.2	9.6	9.1	8.7	8.7
-12.5°	12.2	12.0	12.0	11.7	11.2	10.7	10.1	9.6	9.0	8.7	8.7
-13.75°	12.2	12.0	12.0	11.7	11.1	10.6	10.1	9.5	9.0	8.7	8.7
-15°	12.1	12.0	12.0	11.6	11.1	10.5	10.0	9.5	9.0	8.7	8.7
-16.25°	12.0	12.0	12.0	11.5	11.0	10.5	10.0	9.4	8.9	8.7	8.7
-17.5°	12.0	12.0	12.0	11.5	10.9	10.4	9.9	9.4	8.9	8.7	8.7
-18.75°	12.0	12.0	11.9	11.4	10.9	10.3	9.8	9.3	8.8	8.7	8.7
-20°	12.0	12.0	11.8	11.3	10.8	10.3	9.8	9.2	8.7	8.7	8.7
-21.25°	12.0	12.0	11.7	11.2	10.7	10.2	9.7	9.2	8.7	8.7	8.7



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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°	12.0	12.0	11.6	11.1	10.6	10.1	9.6	9.1	8.7	8.7	8.7
-23.75°	12.0	12.0	11.5	11.0	10.5	10.0	9.5	9.0	8.7	8.7	8.6
-25°	12.0	11.9	11.4	10.9	10.4	9.9	9.4	8.9	8.7	8.7	8.6
-26.25°	12.0	11.8	11.3	10.8	10.3	9.8	9.3	8.9	8.7	8.7	8.5
-27.5°	12.0	11.6	11.2	10.7	10.2	9.7	9.3	8.8	8.7	8.7	8.4
-28.75°	12.0	11.5	11.0	10.6	10.1	9.6	9.2	8.7	8.7	8.7	8.3
-30°	11.8	11.4	10.9	10.4	10.0	9.5	9.0	8.7	8.7	8.7	8.3
-31.25°	11.7	11.2	10.8	10.3	9.9	9.4	8.9	8.7	8.7	8.7	8.2
-32.5°	11.5	11.1	10.6	10.2	9.7	9.3	8.8	8.7	8.7	8.6	8.1
-33.75°	11.4	10.9	10.5	10.1	9.6	9.2	8.7	8.7	8.7	8.5	8.0
-35°	11.2	10.8	10.3	9.9	9.5	9.0	8.7	8.7	8.7	8.4	7.9
-36.25°	11.0	10.6	10.2	9.8	9.3	8.9	8.7	8.7	8.7	8.3	7.8
-37.5°	10.9	10.5	10.0	9.6	9.2	8.8	8.7	8.7	8.6	8.2	7.7
-38.75°	10.7	10.3	9.9	9.5	9.1	8.7	8.7	8.7	8.5	8.1	7.6
-40°	10.5	10.1	9.7	9.3	8.9	8.7	8.7	8.7	8.4	8.0	7.5
-41.25°	10.3	9.9	9.5	9.2	8.8	8.7	8.7	8.7	8.3	7.8	7.3
-42.5°	10.1	9.8	9.4	9.0	8.7	8.7	8.7	8.5	8.1	7.7	7.1
-43.75°	9.9	9.6	9.2	8.8	8.7	8.7	8.7	8.4	8.0	7.6	6.9
-45°	9.7	9.4	9.0	8.7	8.7	8.7	8.6	8.3	7.9	7.4	6.7
-46.25°	9.5	9.2	8.8	8.7	8.7	8.7	8.5	8.1	7.8	7.2	6.5
-47.5°	9.3	9.0	8.7	8.7	8.7	8.7	8.3	8.0	7.6	6.9	6.3
-48.75°	9.1	8.8	8.7	8.7	8.7	8.5	8.2	7.8	7.4	6.7	6.0
-50°	8.9	8.7	8.7	8.7	8.7	8.4	8.0	7.7	7.1	6.5	5.8
-51.25°	8.7	8.7	8.7	8.7	8.5	8.2	7.9	7.5	6.8	6.2	5.6
-52.5°	8.7	8.7	8.7	8.7	8.3	8.0	7.7	7.2	6.6	6.0	5.4
-53.75°	8.7	8.7	8.7	8.5	8.2	7.9	7.5	6.9	6.3	5.7	5.3
-55°	8.7	8.7	8.6	8.3	8.0	7.7	7.2	6.6	6.0	5.5	5.2
-56.25°	8.7	8.6	8.4	8.1	7.8	7.4	6.9	6.3	5.7	5.3	5.0
-57.5°	8.7	8.4	8.1	7.9	7.6	7.1	6.5	6.0	5.5	5.2	4.9
-58.75°	8.5	8.2	7.9	7.7	7.2	6.7	6.2	5.7	5.3	5.0	4.8
-60°	8.2	8.0	7.7	7.3	6.9	6.4	5.9	5.4	5.2	4.9	4.6
-61.25°	8.0	7.7	7.4	7.0	6.5	6.0	5.5	5.3	5.0	4.8	4.5
-62.5°	7.7	7.4	7.0	6.6	6.1	5.6	5.3	5.1	4.9	4.6	4.4
-63.75°	7.4	7.0	6.6	6.1	5.7	5.4	5.2	4.9	4.7	4.5	4.2
-65°	7.0	6.6	6.1	5.7	5.4	5.2	5.0	4.8	4.5	4.3	4.1
-66.25°	6.5	6.1	5.7	5.4	5.2	5.0	4.8	4.6	4.4	4.2	3.9
-67.5°	6.0	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8
-68.75°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.9	3.7
-70°	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5
-71.25°	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.9	3.7	3.5	3.4
-72.5°	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.5	3.4	3.1
-73.75°	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.1	2.9
-75°	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.1	2.8	2.6
-76.25°	4.0	3.9	3.8	3.6	3.5	3.4	3.2	3.0	2.8	2.5	2.3
-77.5°	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.6	2.4	2.2	2.0



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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°
-78.75°	3.5	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7
-80°	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.4
-81.25°	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1
-82.5°	2.1	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
-83.75°	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8
-85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
-86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-88.75°	0.3	0.3	0.2	0.2	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):

	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	0.1	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
86.25°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
85°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
83.75°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
82.5°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
81.25°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
80°	1.2	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
78.75°	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
77.5°	1.7	1.5	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2
76.25°	2.0	1.7	1.5	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
75°	2.3	2.0	1.7	1.4	1.2	1.0	0.9	0.7	0.6	0.4	0.3
73.75°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
72.5°	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.8	0.7	0.5	0.3
71.25°	3.1	2.8	2.4	2.1	1.7	1.4	1.1	0.9	0.7	0.5	0.4
70°	3.3	3.0	2.6	2.3	1.9	1.5	1.2	0.9	0.8	0.6	0.4
68.75°	3.5	3.2	2.9	2.5	2.1	1.7	1.3	1.0	0.8	0.6	0.4
67.5°	3.6	3.4	3.1	2.7	2.3	1.8	1.4	1.1	0.8	0.6	0.4
66.25°	3.7	3.5	3.3	2.9	2.4	2.0	1.6	1.1	0.9	0.7	0.4
65°	3.9	3.6	3.4	3.1	2.6	2.1	1.7	1.2	0.9	0.7	0.5
63.75°	4.0	3.8	3.5	3.3	2.8	2.3	1.8	1.3	1.0	0.7	0.5
62.5°	4.1	3.9	3.6	3.4	2.9	2.4	1.9	1.4	1.0	0.8	0.5
61.25°	4.2	4.0	3.7	3.5	3.1	2.6	2.1	1.5	1.1	0.8	0.5
60°	4.4	4.1	3.8	3.6	3.3	2.7	2.2	1.6	1.1	0.8	0.5
58.75°	4.5	4.2	3.9	3.7	3.4	2.9	2.3	1.7	1.2	0.9	0.6
57.5°	4.6	4.3	4.0	3.7	3.5	3.0	2.4	1.9	1.3	0.9	0.6
56.25°	4.7	4.4	4.1	3.8	3.5	3.2	2.6	2.0	1.3	0.9	0.6
55°	4.9	4.5	4.2	3.9	3.6	3.3	2.7	2.1	1.4	0.9	0.6
53.75°	5.0	4.7	4.3	4.0	3.7	3.4	2.8	2.1	1.5	1.0	0.7
52.5°	5.1	4.8	4.4	4.1	3.8	3.4	2.9	2.2	1.6	1.0	0.7
51.25°	5.2	4.9	4.5	4.2	3.8	3.5	3.0	2.3	1.7	1.0	0.7
50°	5.3	5.0	4.6	4.3	3.9	3.6	3.1	2.4	1.7	1.1	0.7
48.75°	5.4	5.1	4.7	4.4	4.0	3.6	3.2	2.5	1.8	1.1	0.7
47.5°	5.6	5.2	4.8	4.4	4.1	3.7	3.3	2.6	1.9	1.1	0.7
46.25°	5.8	5.3	4.9	4.5	4.1	3.8	3.4	2.7	1.9	1.2	0.8
45°	6.0	5.4	5.0	4.6	4.2	3.8	3.4	2.8	2.0	1.2	0.8
43.75°	6.2	5.5	5.1	4.7	4.3	3.9	3.5	2.9	2.1	1.3	0.8
42.5°	6.3	5.6	5.1	4.7	4.3	3.9	3.5	3.0	2.1	1.3	0.8
41.25°	6.5	5.7	5.2	4.8	4.4	4.0	3.6	3.0	2.2	1.4	0.8
40°	6.7	5.9	5.3	4.9	4.5	4.0	3.6	3.1	2.3	1.4	0.8
38.75°	6.9	6.1	5.4	5.0	4.5	4.1	3.7	3.2	2.3	1.5	0.9
37.5°	7.1	6.2	5.5	5.0	4.6	4.1	3.7	3.3	2.4	1.5	0.9
36.25°	7.2	6.4	5.5	5.1	4.6	4.2	3.8	3.3	2.4	1.6	0.9
35°	7.4	6.5	5.7	5.1	4.7	4.2	3.8	3.4	2.5	1.6	0.9



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	7.5	6.7	5.8	5.2	4.8	4.3	3.8	3.4	2.6	1.6	0.9
32.5°	7.6	6.8	5.9	5.3	4.8	4.3	3.9	3.4	2.6	1.7	0.9
31.25°	7.7	6.9	6.1	5.3	4.9	4.4	3.9	3.4	2.7	1.7	0.9
30°	7.8	7.1	6.2	5.4	4.9	4.4	4.0	3.5	2.7	1.8	1.0
28.75°	7.9	7.2	6.3	5.4	5.0	4.5	4.0	3.5	2.8	1.8	1.0
27.5°	7.9	7.3	6.4	5.5	5.0	4.5	4.0	3.5	2.8	1.8	1.0
26.25°	8.0	7.4	6.5	5.6	5.0	4.6	4.1	3.6	2.8	1.9	1.0
25°	8.1	7.5	6.6	5.7	5.1	4.6	4.1	3.6	2.9	1.9	1.0
23.75°	8.1	7.6	6.7	5.7	5.1	4.6	4.1	3.6	2.9	1.9	1.0
22.5°	8.2	7.7	6.8	5.8	5.2	4.7	4.1	3.6	3.0	1.9	1.0
21.25°	8.2	7.7	6.9	5.9	5.2	4.7	4.2	3.7	3.0	2.0	1.0
20°	8.3	7.8	7.0	6.0	5.2	4.7	4.2	3.7	3.0	2.0	1.0
18.75°	8.3	7.8	7.0	6.0	5.3	4.7	4.2	3.7	3.1	2.0	1.0
17.5°	8.4	7.9	7.1	6.1	5.3	4.8	4.2	3.7	3.1	2.0	1.0
16.25°	8.4	7.9	7.2	6.2	5.3	4.8	4.3	3.7	3.1	2.1	1.1
15°	8.5	7.9	7.2	6.2	5.3	4.8	4.3	3.8	3.1	2.1	1.1
13.75°	8.5	8.0	7.3	6.3	5.4	4.8	4.3	3.8	3.2	2.1	1.1
12.5°	8.5	8.0	7.3	6.3	5.4	4.9	4.3	3.8	3.2	2.1	1.1
11.25°	8.6	8.0	7.4	6.4	5.4	4.9	4.3	3.8	3.2	2.1	1.1
10°	8.6	8.1	7.4	6.4	5.4	4.9	4.3	3.8	3.2	2.1	1.1
8.75°	8.6	8.1	7.5	6.4	5.4	4.9	4.4	3.8	3.2	2.2	1.1
7.5°	8.6	8.1	7.5	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
6.25°	8.7	8.1	7.5	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
5°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
3.75°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
2.5°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
1.25°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
0°	8.7	8.2	7.6	6.6	5.5	5.0	4.4	3.9	3.3	2.2	1.1
-1.25°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
-2.5°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
-3.75°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
-5°	8.7	8.1	7.6	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
-6.25°	8.7	8.1	7.5	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
-7.5°	8.6	8.1	7.5	6.5	5.5	4.9	4.4	3.8	3.3	2.2	1.1
-8.75°	8.6	8.1	7.5	6.4	5.4	4.9	4.4	3.8	3.2	2.2	1.1
-10°	8.6	8.1	7.4	6.4	5.4	4.9	4.3	3.8	3.2	2.1	1.1
-11.25°	8.6	8.0	7.4	6.4	5.4	4.9	4.3	3.8	3.2	2.1	1.1
-12.5°	8.5	8.0	7.3	6.3	5.4	4.9	4.3	3.8	3.2	2.1	1.1
-13.75°	8.5	8.0	7.3	6.3	5.4	4.8	4.3	3.8	3.2	2.1	1.1
-15°	8.5	7.9	7.2	6.2	5.3	4.8	4.3	3.8	3.1	2.1	1.1
-16.25°	8.4	7.9	7.2	6.2	5.3	4.8	4.3	3.7	3.1	2.1	1.1
-17.5°	8.4	7.9	7.1	6.1	5.3	4.8	4.2	3.7	3.1	2.0	1.0
-18.75°	8.3	7.8	7.0	6.0	5.3	4.7	4.2	3.7	3.1	2.0	1.0
-20°	8.3	7.8	7.0	6.0	5.2	4.7	4.2	3.7	3.0	2.0	1.0
-21.25°	8.2	7.7	6.9	5.9	5.2	4.7	4.2	3.7	3.0	2.0	1.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	8.2	7.7	6.8	5.8	5.2	4.7	4.1	3.6	3.0	1.9	1.0
-23.75°	8.1	7.6	6.7	5.7	5.1	4.6	4.1	3.6	2.9	1.9	1.0
-25°	8.1	7.5	6.6	5.7	5.1	4.6	4.1	3.6	2.9	1.9	1.0
-26.25°	8.0	7.4	6.5	5.6	5.0	4.6	4.1	3.6	2.8	1.9	1.0
-27.5°	7.9	7.3	6.4	5.5	5.0	4.5	4.0	3.5	2.8	1.8	1.0
-28.75°	7.9	7.2	6.3	5.4	5.0	4.5	4.0	3.5	2.8	1.8	1.0
-30°	7.8	7.1	6.2	5.4	4.9	4.4	4.0	3.5	2.7	1.8	1.0
-31.25°	7.7	6.9	6.1	5.3	4.9	4.4	3.9	3.4	2.7	1.7	0.9
-32.5°	7.6	6.8	5.9	5.3	4.8	4.3	3.9	3.4	2.6	1.7	0.9
-33.75°	7.5	6.7	5.8	5.2	4.8	4.3	3.8	3.4	2.6	1.6	0.9
-35°	7.4	6.5	5.7	5.1	4.7	4.2	3.8	3.4	2.5	1.6	0.9
-36.25°	7.2	6.4	5.5	5.1	4.6	4.2	3.8	3.3	2.4	1.6	0.9
-37.5°	7.1	6.2	5.5	5.0	4.6	4.1	3.7	3.3	2.4	1.5	0.9
-38.75°	6.9	6.1	5.4	5.0	4.5	4.1	3.7	3.2	2.3	1.5	0.9
-40°	6.7	5.9	5.3	4.9	4.5	4.0	3.6	3.1	2.3	1.4	0.8
-41.25°	6.5	5.7	5.2	4.8	4.4	4.0	3.6	3.0	2.2	1.4	0.8
-42.5°	6.3	5.6	5.1	4.7	4.3	3.9	3.5	3.0	2.1	1.3	0.8
-43.75°	6.2	5.5	5.1	4.7	4.3	3.9	3.5	2.9	2.1	1.3	0.8
-45°	6.0	5.4	5.0	4.6	4.2	3.8	3.4	2.8	2.0	1.2	0.8
-46.25°	5.8	5.3	4.9	4.5	4.1	3.8	3.4	2.7	1.9	1.2	0.8
-47.5°	5.6	5.2	4.8	4.4	4.1	3.7	3.3	2.6	1.9	1.1	0.7
-48.75°	5.4	5.1	4.7	4.4	4.0	3.6	3.2	2.5	1.8	1.1	0.7
-50°	5.3	5.0	4.6	4.3	3.9	3.6	3.1	2.4	1.7	1.1	0.7
-51.25°	5.2	4.9	4.5	4.2	3.8	3.5	3.0	2.3	1.7	1.0	0.7
-52.5°	5.1	4.8	4.4	4.1	3.8	3.4	2.9	2.2	1.6	1.0	0.7
-53.75°	5.0	4.7	4.3	4.0	3.7	3.4	2.8	2.1	1.5	1.0	0.7
-55°	4.9	4.5	4.2	3.9	3.6	3.3	2.7	2.1	1.4	0.9	0.6
-56.25°	4.7	4.4	4.1	3.8	3.5	3.2	2.6	2.0	1.3	0.9	0.6
-57.5°	4.6	4.3	4.0	3.7	3.5	3.0	2.4	1.9	1.3	0.9	0.6
-58.75°	4.5	4.2	3.9	3.7	3.4	2.9	2.3	1.7	1.2	0.9	0.6
-60°	4.4	4.1	3.8	3.6	3.3	2.7	2.2	1.6	1.1	0.8	0.5
-61.25°	4.2	4.0	3.7	3.5	3.1	2.6	2.1	1.5	1.1	0.8	0.5
-62.5°	4.1	3.9	3.6	3.4	2.9	2.4	1.9	1.4	1.0	0.8	0.5
-63.75°	4.0	3.8	3.5	3.3	2.8	2.3	1.8	1.3	1.0	0.7	0.5
-65°	3.9	3.6	3.4	3.1	2.6	2.1	1.7	1.2	0.9	0.7	0.5
-66.25°	3.7	3.5	3.3	2.9	2.4	2.0	1.6	1.1	0.9	0.7	0.4
-67.5°	3.6	3.4	3.1	2.7	2.3	1.8	1.4	1.1	0.8	0.6	0.4
-68.75°	3.5	3.2	2.9	2.5	2.1	1.7	1.3	1.0	0.8	0.6	0.4
-70°	3.3	3.0	2.6	2.3	1.9	1.5	1.2	0.9	0.8	0.6	0.4
-71.25°	3.1	2.8	2.4	2.1	1.7	1.4	1.1	0.9	0.7	0.5	0.4
-72.5°	2.8	2.5	2.2	1.9	1.5	1.2	1.0	0.8	0.7	0.5	0.3
-73.75°	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.8	0.6	0.5	0.3
-75°	2.3	2.0	1.7	1.4	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-76.25°	2.0	1.7	1.5	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-77.5°	1.7	1.5	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2



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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°
-78.75°	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.2	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-81.25°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-82.5°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-83.75°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-85°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.3	0.2	0.2	0.2	0.2	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	0.1	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: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.1	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°	0.2	0.0
72.5°	0.2	0.0
71.25°	0.2	0.0
70°	0.2	0.0
68.75°	0.2	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°	0.3	0.0
61.25°	0.3	0.0
60°	0.3	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.3	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.4	0.0
48.75°	0.4	0.0
47.5°	0.4	0.0
46.25°	0.4	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.5	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.5	0.0
32.5°	0.5	0.0
31.25°	0.5	0.0
30°	0.5	0.0
28.75°	0.5	0.0
27.5°	0.5	0.0
26.25°	0.5	0.0
25°	0.5	0.0
23.75°	0.5	0.0
22.5°	0.5	0.0
21.25°	0.5	0.0
20°	0.5	0.0
18.75°	0.5	0.0
17.5°	0.5	0.0
16.25°	0.5	0.0
15°	0.5	0.0
13.75°	0.5	0.0
12.5°	0.5	0.0
11.25°	0.5	0.0
10°	0.5	0.0
8.75°	0.5	0.0
7.5°	0.5	0.0
6.25°	0.5	0.0
5°	0.5	0.0
3.75°	0.5	0.0
2.5°	0.5	0.0
1.25°	0.5	0.0
0°	0.5	0.0
-1.25°	0.5	0.0
-2.5°	0.5	0.0
-3.75°	0.5	0.0
-5°	0.5	0.0
-6.25°	0.5	0.0
-7.5°	0.5	0.0
-8.75°	0.5	0.0
-10°	0.5	0.0
-11.25°	0.5	0.0
-12.5°	0.5	0.0
-13.75°	0.5	0.0
-15°	0.5	0.0
-16.25°	0.5	0.0
-17.5°	0.5	0.0
-18.75°	0.5	0.0
-20°	0.5	0.0
-21.25°	0.5	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.5	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.5	0.0
-27.5°	0.5	0.0
-28.75°	0.5	0.0
-30°	0.5	0.0
-31.25°	0.5	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.4	0.0
-41.25°	0.4	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.3	0.0
-52.5°	0.3	0.0
-53.75°	0.3	0.0
-55°	0.3	0.0
-56.25°	0.3	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	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°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.2	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P220332 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED5080-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°	0.1	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)