

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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

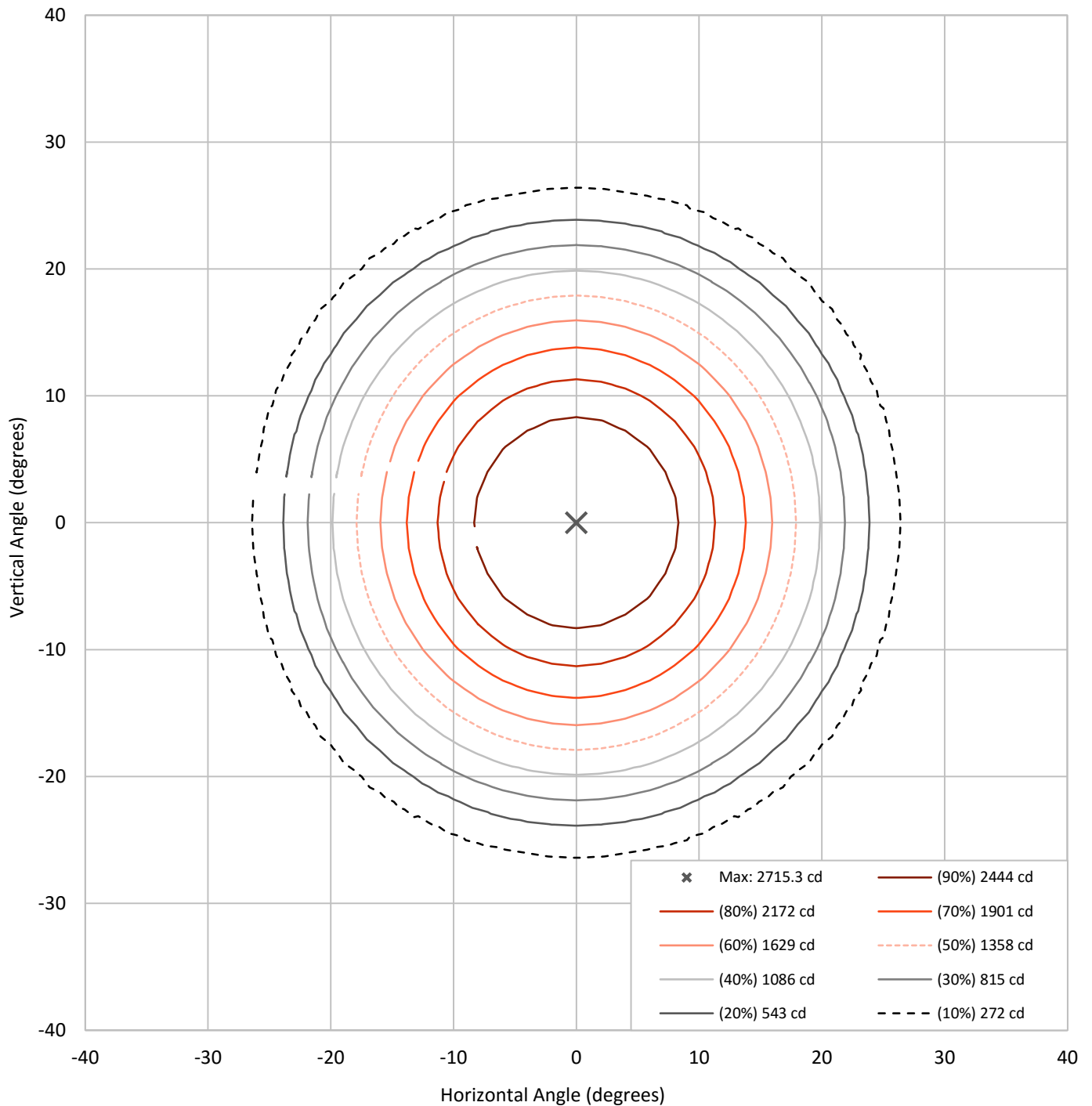
Test Method: LM-79-08
Report Number: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1057 lumens	Max Intensity:	2715.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	621.5 lumens	Field Lumens:	882.9 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





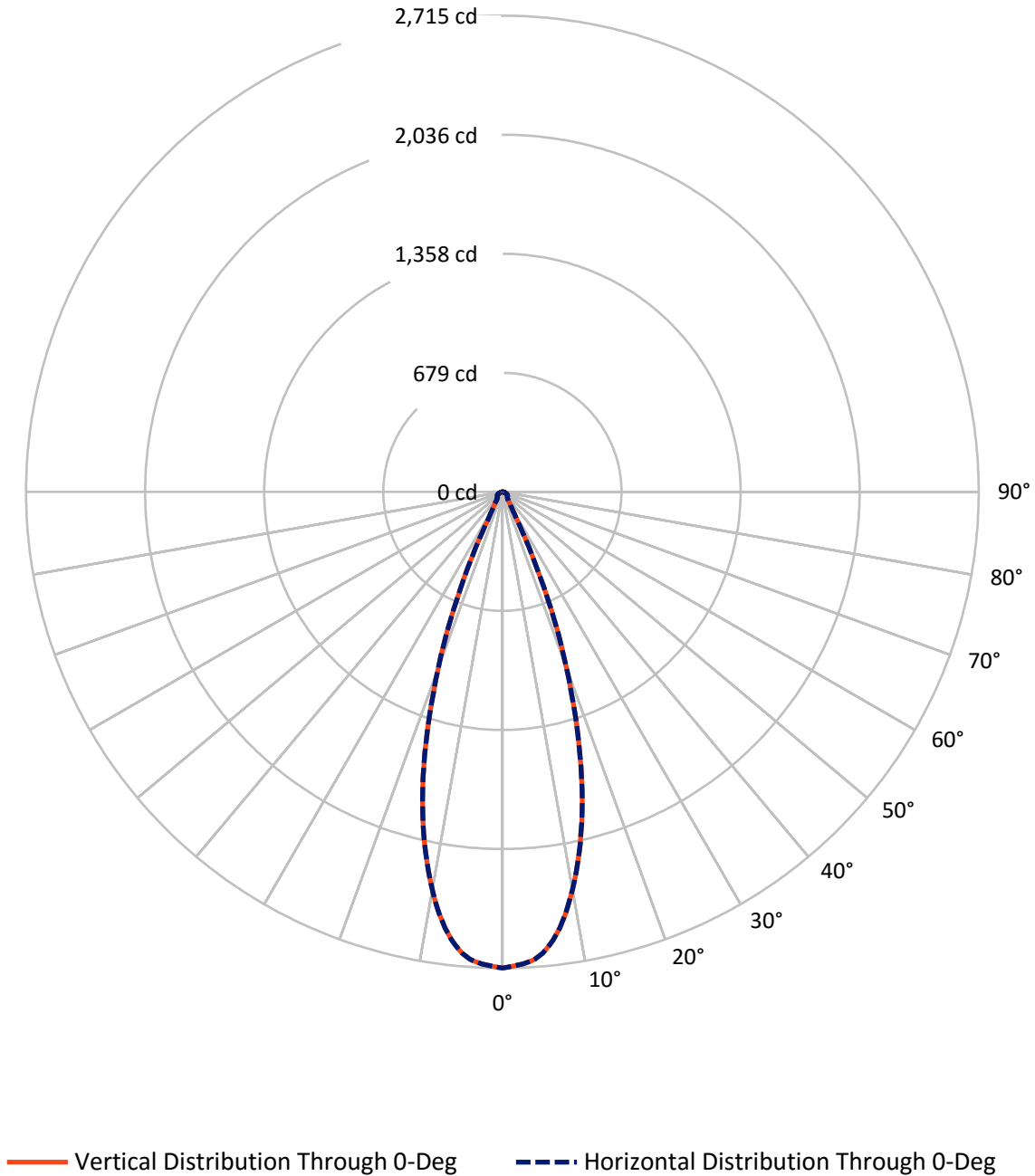
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Lumen Table

90	0.0	0.2	0.6	0.8	1.0	0.8	0.6	0.2	0.0										
80	0.0	0.2	0.6	0.8	1.0	0.8	0.6	0.2	0.0										
70	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1	0.1			
60		0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.7	0.9	1.1	1.2	1.2	1.2	1.2	1.1	0.9	0.7	0.4	0.2	0.2			
40		0.2	0.5	0.8	1.0	1.2	1.5	1.9	1.9	1.5	1.2	1.0	0.8	0.5	0.2				
30	0.2	0.3	0.6	0.8	1.1	1.8	5.3	12.4	12.4	5.3	1.8	1.1	0.8	0.6	0.3	0.2			
20		0.3	0.6	0.9	1.3	5.0	26.6	48.4	48.4	26.6	5.0	1.3	0.9	0.6	0.3				
10	0.2	0.3	0.6	0.9	1.6	11.5	47.0	74.3	74.3	47.0	11.5	1.6	0.9	0.6	0.3	0.2			
0		0.3	0.6	0.9	1.6	11.5	47.0	74.3	74.3	47.0	11.5	1.6	0.9	0.6	0.3				
-10	0.2	0.3	0.6	0.9	1.6	11.5	47.0	74.3	74.3	47.0	11.5	1.6	0.9	0.6	0.3	0.2			
-20		0.3	0.6	0.9	1.3	5.0	26.6	48.4	48.4	26.6	5.0	1.3	0.9	0.6	0.3				
-30	0.2	0.3	0.6	0.8	1.1	1.8	5.3	12.4	12.4	5.3	1.8	1.1	0.8	0.6	0.3	0.2			
-40		0.2	0.5	0.8	1.0	1.2	1.5	1.9	1.9	1.5	1.2	1.0	0.8	0.5	0.2				
-50	0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1	0.1			
-60		0.1	0.2	0.3	0.4	0.6	0.7	0.7	0.7	0.7	0.6	0.4	0.3	0.2	0.1				
-70	0.0	0.2	0.6	0.8	1.0	1.2	1.5	1.9	1.9	1.5	1.2	1.0	0.8	0.5	0.2	0.0			
-80		0.2	0.4	0.7	0.9	1.1	1.2	1.2	1.2	1.2	1.1	0.9	0.7	0.4	0.2				
-90	0.0	0.2	0.6	0.8	1.0	0.8	0.6	0.2	0.0										

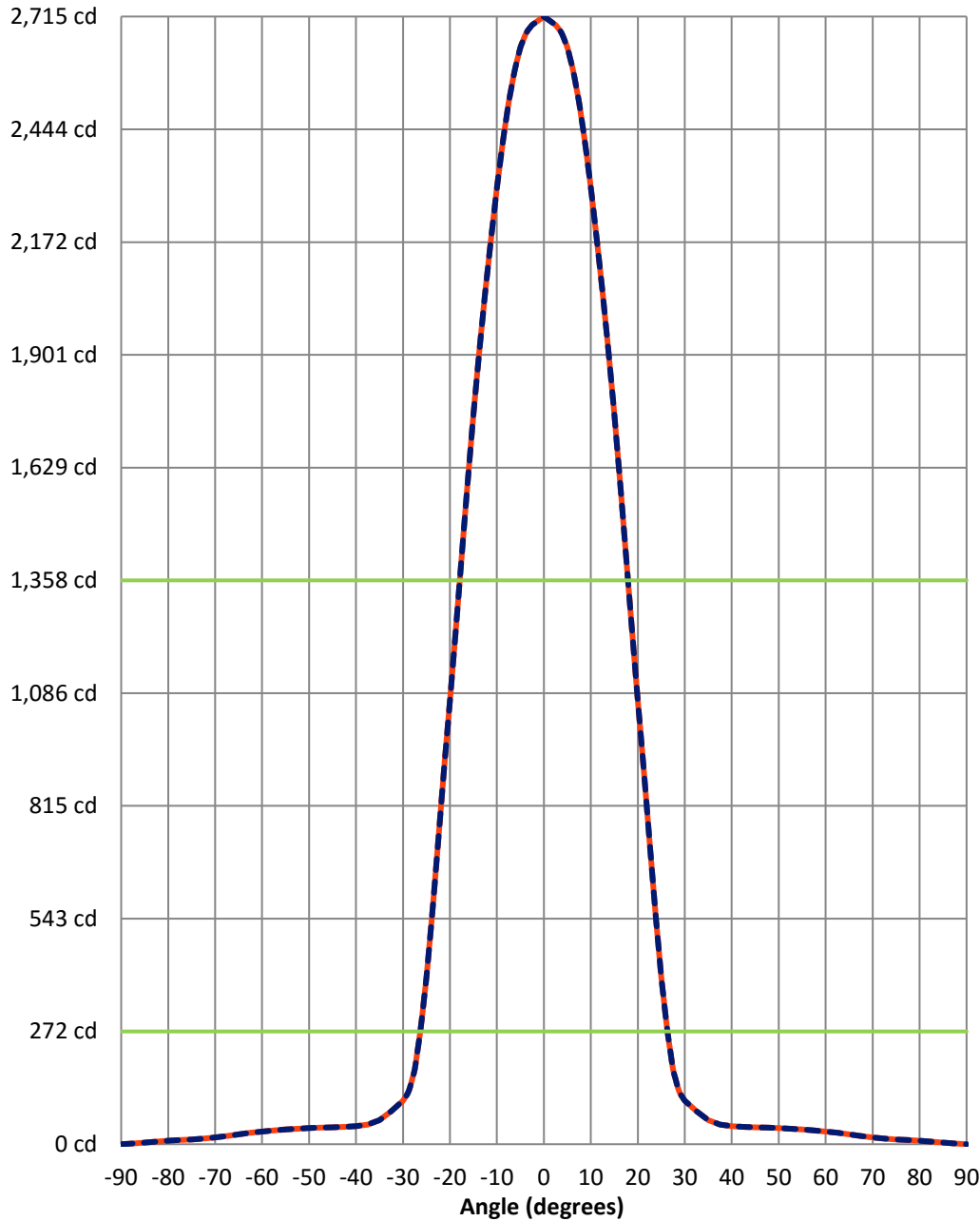
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 35.8°
 V Angle: 35.8°
 Lumens: 621.5
 Efficiency: 58.8%

Field:
 H Angle: 52.6°
 V Angle: 52.6°
 Lumens: 882.9
 Efficiency: 83.5%

Spill:
 Lumens: 174.1
 Efficiency: 16.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
85°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9
82.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
81.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
78.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
77.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.9
76.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1
75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.3
73.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	2.0	2.3	2.6
72.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.8
71.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	2.0	2.3	2.7	3.0
70°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	2.9	3.2
68.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.3	2.7	3.1	3.5
67.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.3	3.7
66.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.2	2.6	3.0	3.5	3.9
65°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	2.7	3.2	3.7	4.1
63.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	2.9	3.4	3.9	4.4
62.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.5	4.1	4.6
61.25°	0.0	0.4	0.8	1.2	1.6	2.1	2.7	3.2	3.7	4.3	4.8
60°	0.0	0.4	0.8	1.3	1.7	2.2	2.8	3.3	3.9	4.5	5.0
58.75°	0.0	0.4	0.9	1.3	1.8	2.3	2.9	3.5	4.1	4.6	5.2
57.5°	0.0	0.5	0.9	1.4	1.9	2.5	3.0	3.6	4.2	4.8	5.4
56.25°	0.0	0.5	0.9	1.4	1.9	2.6	3.2	3.8	4.4	5.0	5.7
55°	0.0	0.5	1.0	1.5	2.0	2.7	3.3	3.9	4.6	5.2	5.9
53.75°	0.0	0.5	1.0	1.5	2.1	2.7	3.4	4.0	4.7	5.4	6.1
52.5°	0.0	0.5	1.0	1.6	2.2	2.8	3.5	4.2	4.9	5.6	6.3
51.25°	0.0	0.5	1.1	1.6	2.3	2.9	3.6	4.3	5.0	5.8	6.5
50°	0.0	0.5	1.1	1.6	2.3	3.0	3.7	4.5	5.2	5.9	6.6
48.75°	0.0	0.6	1.1	1.7	2.4	3.1	3.8	4.6	5.3	6.1	6.8
47.5°	0.0	0.6	1.1	1.7	2.5	3.2	4.0	4.7	5.5	6.3	7.0
46.25°	0.0	0.6	1.2	1.8	2.5	3.3	4.1	4.9	5.6	6.4	7.2
45°	0.0	0.6	1.2	1.8	2.6	3.4	4.2	5.0	5.8	6.6	7.3
43.75°	0.0	0.6	1.2	1.9	2.7	3.5	4.3	5.1	5.9	6.7	7.5
42.5°	0.0	0.6	1.3	1.9	2.7	3.6	4.4	5.2	6.1	6.9	7.7
41.25°	0.0	0.6	1.3	2.0	2.8	3.6	4.5	5.3	6.2	7.0	7.8
40°	0.0	0.7	1.3	2.0	2.9	3.7	4.6	5.5	6.3	7.2	8.0
38.75°	0.0	0.7	1.3	2.1	2.9	3.8	4.7	5.6	6.4	7.3	8.2
37.5°	0.0	0.7	1.3	2.1	3.0	3.9	4.8	5.7	6.6	7.4	8.3
36.25°	0.0	0.7	1.4	2.2	3.0	3.9	4.9	5.8	6.7	7.6	8.4
35°	0.0	0.7	1.4	2.2	3.1	4.0	4.9	5.9	6.8	7.7	8.5



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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	0.7	1.4	2.2	3.2	4.1	5.0	6.0	6.9	7.8	8.6
32.5°	0.0	0.7	1.4	2.3	3.2	4.1	5.1	6.1	7.0	7.9	8.8
31.25°	0.0	0.7	1.5	2.3	3.3	4.2	5.2	6.2	7.1	8.0	8.9
30°	0.0	0.7	1.5	2.4	3.3	4.3	5.3	6.3	7.2	8.2	8.9
28.75°	0.0	0.7	1.5	2.4	3.4	4.3	5.3	6.3	7.3	8.3	9.0
27.5°	0.0	0.8	1.5	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.1
26.25°	0.0	0.8	1.5	2.5	3.4	4.5	5.5	6.5	7.5	8.5	9.2
25°	0.0	0.8	1.5	2.5	3.5	4.5	5.6	6.6	7.6	8.5	9.3
23.75°	0.0	0.8	1.6	2.5	3.5	4.6	5.6	6.6	7.6	8.6	9.4
22.5°	0.0	0.8	1.6	2.5	3.6	4.6	5.7	6.7	7.7	8.7	9.4
21.25°	0.0	0.8	1.6	2.6	3.6	4.7	5.7	6.8	7.8	8.7	9.5
20°	0.0	0.8	1.6	2.6	3.6	4.7	5.8	6.8	7.9	8.8	9.6
18.75°	0.0	0.8	1.6	2.6	3.7	4.7	5.8	6.9	7.9	8.8	9.6
17.5°	0.0	0.8	1.6	2.6	3.7	4.8	5.9	6.9	8.0	8.9	9.7
16.25°	0.0	0.8	1.6	2.7	3.7	4.8	5.9	7.0	8.0	8.9	9.8
15°	0.0	0.8	1.6	2.7	3.7	4.9	6.0	7.0	8.1	9.0	9.8
13.75°	0.0	0.8	1.7	2.7	3.8	4.9	6.0	7.1	8.1	9.0	9.9
12.5°	0.0	0.8	1.7	2.7	3.8	4.9	6.0	7.1	8.2	9.1	9.9
11.25°	0.0	0.8	1.7	2.7	3.8	4.9	6.1	7.2	8.2	9.1	9.9
10°	0.0	0.8	1.7	2.7	3.8	5.0	6.1	7.2	8.3	9.1	10.0
8.75°	0.0	0.8	1.7	2.8	3.8	5.0	6.1	7.2	8.3	9.2	10.0
7.5°	0.0	0.8	1.7	2.8	3.9	5.0	6.1	7.2	8.3	9.2	10.0
6.25°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.3	9.2	10.0
5°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
3.75°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
2.5°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
1.25°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
0°	0.0	0.8	1.7	2.8	3.9	5.1	6.2	7.3	8.4	9.3	10.1
-1.25°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
-2.5°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
-3.75°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
-5°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.4	9.2	10.1
-6.25°	0.0	0.8	1.7	2.8	3.9	5.0	6.2	7.3	8.3	9.2	10.0
-7.5°	0.0	0.8	1.7	2.8	3.9	5.0	6.1	7.2	8.3	9.2	10.0
-8.75°	0.0	0.8	1.7	2.8	3.8	5.0	6.1	7.2	8.3	9.2	10.0
-10°	0.0	0.8	1.7	2.7	3.8	5.0	6.1	7.2	8.3	9.1	10.0
-11.25°	0.0	0.8	1.7	2.7	3.8	4.9	6.1	7.2	8.2	9.1	9.9
-12.5°	0.0	0.8	1.7	2.7	3.8	4.9	6.0	7.1	8.2	9.1	9.9
-13.75°	0.0	0.8	1.7	2.7	3.8	4.9	6.0	7.1	8.1	9.0	9.9
-15°	0.0	0.8	1.6	2.7	3.7	4.9	6.0	7.0	8.1	9.0	9.8
-16.25°	0.0	0.8	1.6	2.7	3.7	4.8	5.9	7.0	8.0	8.9	9.8
-17.5°	0.0	0.8	1.6	2.6	3.7	4.8	5.9	6.9	8.0	8.9	9.7
-18.75°	0.0	0.8	1.6	2.6	3.7	4.7	5.8	6.9	7.9	8.8	9.6
-20°	0.0	0.8	1.6	2.6	3.6	4.7	5.8	6.8	7.9	8.8	9.6
-21.25°	0.0	0.8	1.6	2.6	3.6	4.7	5.7	6.8	7.8	8.7	9.5



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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	0.8	1.6	2.5	3.6	4.6	5.7	6.7	7.7	8.7	9.4
-23.75°	0.0	0.8	1.6	2.5	3.5	4.6	5.6	6.6	7.6	8.6	9.4
-25°	0.0	0.8	1.5	2.5	3.5	4.5	5.6	6.6	7.6	8.5	9.3
-26.25°	0.0	0.8	1.5	2.5	3.4	4.5	5.5	6.5	7.5	8.5	9.2
-27.5°	0.0	0.8	1.5	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.1
-28.75°	0.0	0.7	1.5	2.4	3.4	4.3	5.3	6.3	7.3	8.3	9.0
-30°	0.0	0.7	1.5	2.4	3.3	4.3	5.3	6.3	7.2	8.2	8.9
-31.25°	0.0	0.7	1.5	2.3	3.3	4.2	5.2	6.2	7.1	8.0	8.9
-32.5°	0.0	0.7	1.4	2.3	3.2	4.1	5.1	6.1	7.0	7.9	8.8
-33.75°	0.0	0.7	1.4	2.2	3.2	4.1	5.0	6.0	6.9	7.8	8.6
-35°	0.0	0.7	1.4	2.2	3.1	4.0	4.9	5.9	6.8	7.7	8.5
-36.25°	0.0	0.7	1.4	2.2	3.0	3.9	4.9	5.8	6.7	7.6	8.4
-37.5°	0.0	0.7	1.3	2.1	3.0	3.9	4.8	5.7	6.6	7.4	8.3
-38.75°	0.0	0.7	1.3	2.1	2.9	3.8	4.7	5.6	6.4	7.3	8.2
-40°	0.0	0.7	1.3	2.0	2.9	3.7	4.6	5.5	6.3	7.2	8.0
-41.25°	0.0	0.6	1.3	2.0	2.8	3.6	4.5	5.3	6.2	7.0	7.8
-42.5°	0.0	0.6	1.3	1.9	2.7	3.6	4.4	5.2	6.1	6.9	7.7
-43.75°	0.0	0.6	1.2	1.9	2.7	3.5	4.3	5.1	5.9	6.7	7.5
-45°	0.0	0.6	1.2	1.8	2.6	3.4	4.2	5.0	5.8	6.6	7.3
-46.25°	0.0	0.6	1.2	1.8	2.5	3.3	4.1	4.9	5.6	6.4	7.2
-47.5°	0.0	0.6	1.1	1.7	2.5	3.2	4.0	4.7	5.5	6.3	7.0
-48.75°	0.0	0.6	1.1	1.7	2.4	3.1	3.8	4.6	5.3	6.1	6.8
-50°	0.0	0.5	1.1	1.6	2.3	3.0	3.7	4.5	5.2	5.9	6.6
-51.25°	0.0	0.5	1.1	1.6	2.3	2.9	3.6	4.3	5.0	5.8	6.5
-52.5°	0.0	0.5	1.0	1.6	2.2	2.8	3.5	4.2	4.9	5.6	6.3
-53.75°	0.0	0.5	1.0	1.5	2.1	2.7	3.4	4.0	4.7	5.4	6.1
-55°	0.0	0.5	1.0	1.5	2.0	2.7	3.3	3.9	4.6	5.2	5.9
-56.25°	0.0	0.5	0.9	1.4	1.9	2.6	3.2	3.8	4.4	5.0	5.7
-57.5°	0.0	0.5	0.9	1.4	1.9	2.5	3.0	3.6	4.2	4.8	5.4
-58.75°	0.0	0.4	0.9	1.3	1.8	2.3	2.9	3.5	4.1	4.6	5.2
-60°	0.0	0.4	0.8	1.3	1.7	2.2	2.8	3.3	3.9	4.5	5.0
-61.25°	0.0	0.4	0.8	1.2	1.6	2.1	2.7	3.2	3.7	4.3	4.8
-62.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.5	4.1	4.6
-63.75°	0.0	0.4	0.8	1.1	1.5	1.9	2.4	2.9	3.4	3.9	4.4
-65°	0.0	0.4	0.7	1.1	1.4	1.8	2.3	2.7	3.2	3.7	4.1
-66.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.2	2.6	3.0	3.5	3.9
-67.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.3	3.7
-68.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.3	2.7	3.1	3.5
-70°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.5	2.9	3.2
-71.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	2.0	2.3	2.7	3.0
-72.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.8
-73.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	2.0	2.3	2.6
-75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.3
-76.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.1
-77.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.9



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
-81.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
-82.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9
-85°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
-86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9
82.5°	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4
81.25°	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9
80°	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.4
78.75°	1.8	2.0	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9
77.5°	2.1	2.3	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.4
76.25°	2.3	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.4	4.6	4.9
75°	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.5	4.8	5.1	5.3
73.75°	2.9	3.2	3.5	3.7	4.0	4.4	4.7	5.0	5.3	5.5	5.8
72.5°	3.1	3.4	3.7	4.1	4.4	4.7	5.1	5.4	5.7	6.0	6.3
71.25°	3.4	3.7	4.0	4.4	4.8	5.1	5.5	5.8	6.1	6.5	6.8
70°	3.6	4.0	4.4	4.7	5.1	5.5	5.9	6.2	6.6	6.9	7.3
68.75°	3.8	4.3	4.7	5.1	5.5	5.9	6.2	6.6	7.0	7.4	7.7
67.5°	4.1	4.5	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2
66.25°	4.4	4.8	5.3	5.7	6.1	6.6	7.0	7.4	7.8	8.2	8.6
65°	4.6	5.1	5.5	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9
63.75°	4.9	5.3	5.8	6.3	6.8	7.3	7.7	8.2	8.6	8.9	9.3
62.5°	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.5	8.9	9.3	9.6
61.25°	5.3	5.9	6.4	6.9	7.4	7.9	8.4	8.8	9.2	9.6	10.0
60°	5.6	6.1	6.7	7.2	7.7	8.3	8.7	9.1	9.5	9.9	10.2
58.75°	5.8	6.4	6.9	7.5	8.0	8.5	9.0	9.4	9.8	10.2	10.5
57.5°	6.1	6.6	7.2	7.8	8.4	8.8	9.2	9.7	10.1	10.4	10.7
56.25°	6.3	6.9	7.5	8.1	8.6	9.0	9.5	9.9	10.3	10.6	10.9
55°	6.5	7.1	7.7	8.3	8.8	9.3	9.8	10.2	10.5	10.8	11.2
53.75°	6.7	7.3	8.0	8.6	9.1	9.5	10.0	10.4	10.7	11.0	11.4
52.5°	6.9	7.6	8.2	8.8	9.3	9.8	10.2	10.6	10.9	11.3	11.8
51.25°	7.1	7.8	8.5	9.0	9.5	10.0	10.4	10.8	11.1	11.6	12.2
50°	7.3	8.0	8.6	9.2	9.7	10.2	10.6	10.9	11.3	12.0	12.6
48.75°	7.5	8.2	8.8	9.4	9.9	10.4	10.7	11.1	11.7	12.3	13.0
47.5°	7.7	8.4	9.0	9.6	10.1	10.5	10.9	11.3	12.0	12.7	13.4
46.25°	7.9	8.6	9.2	9.8	10.3	10.7	11.1	11.6	12.3	13.1	13.8
45°	8.1	8.8	9.4	9.9	10.4	10.8	11.2	11.9	12.7	13.4	14.3
43.75°	8.3	8.9	9.5	10.1	10.5	11.0	11.5	12.2	13.0	13.8	14.8
42.5°	8.5	9.1	9.7	10.2	10.7	11.1	11.7	12.5	13.3	14.2	15.2
41.25°	8.6	9.2	9.9	10.4	10.8	11.3	12.0	12.8	13.6	14.6	15.7
40°	8.7	9.4	10.0	10.5	10.9	11.5	12.3	13.1	14.0	15.1	16.1
38.75°	8.9	9.5	10.2	10.6	11.1	11.7	12.5	13.4	14.4	15.5	16.5
37.5°	9.0	9.7	10.3	10.7	11.2	12.0	12.8	13.7	14.8	15.8	17.0
36.25°	9.1	9.8	10.4	10.8	11.3	12.2	13.1	14.0	15.1	16.2	17.5
35°	9.2	9.9	10.5	10.9	11.5	12.4	13.3	14.4	15.5	16.6	18.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	9.4	10.1	10.6	11.0	11.7	12.6	13.5	14.7	15.8	17.1	18.4
32.5°	9.5	10.2	10.7	11.2	11.9	12.9	13.8	15.0	16.1	17.5	18.9
31.25°	9.6	10.2	10.7	11.3	12.1	13.1	14.1	15.3	16.5	17.9	19.3
30°	9.7	10.3	10.8	11.4	12.3	13.3	14.4	15.6	16.9	18.3	19.7
28.75°	9.8	10.4	10.9	11.6	12.5	13.5	14.7	15.9	17.2	18.7	20.2
27.5°	9.9	10.5	11.0	11.7	12.7	13.7	14.9	16.1	17.6	19.0	20.7
26.25°	10.0	10.5	11.1	11.9	12.8	13.9	15.1	16.4	17.9	19.4	21.1
25°	10.1	10.6	11.2	12.0	13.0	14.1	15.4	16.7	18.2	19.7	21.5
23.75°	10.1	10.7	11.2	12.2	13.2	14.3	15.6	17.0	18.5	20.1	21.9
22.5°	10.2	10.7	11.3	12.3	13.3	14.5	15.8	17.3	18.8	20.5	22.3
21.25°	10.2	10.8	11.4	12.4	13.4	14.7	16.0	17.5	19.1	20.8	22.7
20°	10.3	10.9	11.5	12.5	13.6	14.9	16.2	17.8	19.3	21.1	23.0
18.75°	10.3	10.9	11.6	12.7	13.7	15.1	16.4	18.0	19.6	21.4	23.3
17.5°	10.4	11.0	11.7	12.8	13.9	15.2	16.6	18.2	19.8	21.7	23.6
16.25°	10.4	11.0	11.8	12.9	14.0	15.4	16.8	18.4	20.1	22.0	23.9
15°	10.5	11.0	11.9	13.0	14.2	15.5	17.0	18.6	20.3	22.2	24.2
13.75°	10.5	11.1	12.0	13.0	14.3	15.6	17.1	18.8	20.5	22.5	24.4
12.5°	10.5	11.1	12.1	13.1	14.4	15.7	17.3	18.9	20.7	22.7	24.6
11.25°	10.6	11.2	12.1	13.2	14.5	15.9	17.4	19.1	20.9	22.9	24.8
10°	10.6	11.2	12.2	13.3	14.6	15.9	17.5	19.2	21.1	23.1	25.0
8.75°	10.6	11.2	12.2	13.3	14.6	16.0	17.6	19.3	21.2	23.2	25.1
7.5°	10.6	11.2	12.3	13.4	14.7	16.1	17.7	19.4	21.4	23.3	25.3
6.25°	10.7	11.3	12.3	13.4	14.8	16.2	17.8	19.5	21.5	23.4	25.4
5°	10.7	11.3	12.3	13.4	14.8	16.2	17.9	19.6	21.5	23.5	25.5
3.75°	10.7	11.3	12.4	13.5	14.9	16.2	17.9	19.6	21.6	23.6	25.6
2.5°	10.7	11.3	12.4	13.5	14.9	16.3	18.0	19.7	21.7	23.7	25.6
1.25°	10.7	11.3	12.4	13.5	14.9	16.3	18.0	19.7	21.7	23.7	25.6
0°	10.7	11.3	12.4	13.5	14.9	16.3	18.0	19.7	21.7	23.7	25.7
-1.25°	10.7	11.3	12.4	13.5	14.9	16.3	18.0	19.7	21.7	23.7	25.6
-2.5°	10.7	11.3	12.4	13.5	14.9	16.3	18.0	19.7	21.7	23.7	25.6
-3.75°	10.7	11.3	12.4	13.5	14.9	16.2	17.9	19.6	21.6	23.6	25.6
-5°	10.7	11.3	12.3	13.4	14.8	16.2	17.9	19.6	21.5	23.5	25.5
-6.25°	10.7	11.3	12.3	13.4	14.8	16.2	17.8	19.5	21.5	23.4	25.4
-7.5°	10.6	11.2	12.3	13.4	14.7	16.1	17.7	19.4	21.4	23.3	25.3
-8.75°	10.6	11.2	12.2	13.3	14.6	16.0	17.6	19.3	21.2	23.2	25.1
-10°	10.6	11.2	12.2	13.3	14.6	15.9	17.5	19.2	21.1	23.1	25.0
-11.25°	10.6	11.2	12.1	13.2	14.5	15.9	17.4	19.1	20.9	22.9	24.8
-12.5°	10.5	11.1	12.1	13.1	14.4	15.7	17.3	18.9	20.7	22.7	24.6
-13.75°	10.5	11.1	12.0	13.0	14.3	15.6	17.1	18.8	20.5	22.5	24.4
-15°	10.5	11.0	11.9	13.0	14.2	15.5	17.0	18.6	20.3	22.2	24.2
-16.25°	10.4	11.0	11.8	12.9	14.0	15.4	16.8	18.4	20.1	22.0	23.9
-17.5°	10.4	11.0	11.7	12.8	13.9	15.2	16.6	18.2	19.8	21.7	23.6
-18.75°	10.3	10.9	11.6	12.7	13.7	15.1	16.4	18.0	19.6	21.4	23.3
-20°	10.3	10.9	11.5	12.5	13.6	14.9	16.2	17.8	19.3	21.1	23.0
-21.25°	10.2	10.8	11.4	12.4	13.4	14.7	16.0	17.5	19.1	20.8	22.7



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	10.2	10.7	11.3	12.3	13.3	14.5	15.8	17.3	18.8	20.5	22.3
-23.75°	10.1	10.7	11.2	12.2	13.2	14.3	15.6	17.0	18.5	20.1	21.9
-25°	10.1	10.6	11.2	12.0	13.0	14.1	15.4	16.7	18.2	19.7	21.5
-26.25°	10.0	10.5	11.1	11.9	12.8	13.9	15.1	16.4	17.9	19.4	21.1
-27.5°	9.9	10.5	11.0	11.7	12.7	13.7	14.9	16.1	17.6	19.0	20.7
-28.75°	9.8	10.4	10.9	11.6	12.5	13.5	14.7	15.9	17.2	18.7	20.2
-30°	9.7	10.3	10.8	11.4	12.3	13.3	14.4	15.6	16.9	18.3	19.7
-31.25°	9.6	10.2	10.7	11.3	12.1	13.1	14.1	15.3	16.5	17.9	19.3
-32.5°	9.5	10.2	10.7	11.2	11.9	12.9	13.8	15.0	16.1	17.5	18.9
-33.75°	9.4	10.1	10.6	11.0	11.7	12.6	13.5	14.7	15.8	17.1	18.4
-35°	9.2	9.9	10.5	10.9	11.5	12.4	13.3	14.4	15.5	16.6	18.0
-36.25°	9.1	9.8	10.4	10.8	11.3	12.2	13.1	14.0	15.1	16.2	17.5
-37.5°	9.0	9.7	10.3	10.7	11.2	12.0	12.8	13.7	14.8	15.8	17.0
-38.75°	8.9	9.5	10.2	10.6	11.1	11.7	12.5	13.4	14.4	15.5	16.5
-40°	8.7	9.4	10.0	10.5	10.9	11.5	12.3	13.1	14.0	15.1	16.1
-41.25°	8.6	9.2	9.9	10.4	10.8	11.3	12.0	12.8	13.6	14.6	15.7
-42.5°	8.5	9.1	9.7	10.2	10.7	11.1	11.7	12.5	13.3	14.2	15.2
-43.75°	8.3	8.9	9.5	10.1	10.5	11.0	11.5	12.2	13.0	13.8	14.8
-45°	8.1	8.8	9.4	9.9	10.4	10.8	11.2	11.9	12.7	13.4	14.3
-46.25°	7.9	8.6	9.2	9.8	10.3	10.7	11.1	11.6	12.3	13.1	13.8
-47.5°	7.7	8.4	9.0	9.6	10.1	10.5	10.9	11.3	12.0	12.7	13.4
-48.75°	7.5	8.2	8.8	9.4	9.9	10.4	10.7	11.1	11.7	12.3	13.0
-50°	7.3	8.0	8.6	9.2	9.7	10.2	10.6	10.9	11.3	12.0	12.6
-51.25°	7.1	7.8	8.5	9.0	9.5	10.0	10.4	10.8	11.1	11.6	12.2
-52.5°	6.9	7.6	8.2	8.8	9.3	9.8	10.2	10.6	10.9	11.3	11.8
-53.75°	6.7	7.3	8.0	8.6	9.1	9.5	10.0	10.4	10.7	11.0	11.4
-55°	6.5	7.1	7.7	8.3	8.8	9.3	9.8	10.2	10.5	10.8	11.2
-56.25°	6.3	6.9	7.5	8.1	8.6	9.0	9.5	9.9	10.3	10.6	10.9
-57.5°	6.1	6.6	7.2	7.8	8.4	8.8	9.2	9.7	10.1	10.4	10.7
-58.75°	5.8	6.4	6.9	7.5	8.0	8.5	9.0	9.4	9.8	10.2	10.5
-60°	5.6	6.1	6.7	7.2	7.7	8.3	8.7	9.1	9.5	9.9	10.2
-61.25°	5.3	5.9	6.4	6.9	7.4	7.9	8.4	8.8	9.2	9.6	10.0
-62.5°	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.5	8.9	9.3	9.6
-63.75°	4.9	5.3	5.8	6.3	6.8	7.3	7.7	8.2	8.6	8.9	9.3
-65°	4.6	5.1	5.5	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9
-66.25°	4.4	4.8	5.3	5.7	6.1	6.6	7.0	7.4	7.8	8.2	8.6
-67.5°	4.1	4.5	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2
-68.75°	3.8	4.3	4.7	5.1	5.5	5.9	6.2	6.6	7.0	7.4	7.7
-70°	3.6	4.0	4.4	4.7	5.1	5.5	5.9	6.2	6.6	6.9	7.3
-71.25°	3.4	3.7	4.0	4.4	4.8	5.1	5.5	5.8	6.1	6.5	6.8
-72.5°	3.1	3.4	3.7	4.1	4.4	4.7	5.1	5.4	5.7	6.0	6.3
-73.75°	2.9	3.2	3.5	3.7	4.0	4.4	4.7	5.0	5.3	5.5	5.8
-75°	2.6	2.9	3.2	3.4	3.7	4.0	4.3	4.5	4.8	5.1	5.3
-76.25°	2.3	2.6	2.9	3.1	3.4	3.6	3.8	4.1	4.4	4.6	4.9
-77.5°	2.1	2.3	2.6	2.8	3.0	3.2	3.5	3.7	3.9	4.1	4.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	1.8	2.0	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9
-80°	1.6	1.8	2.0	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.4
-81.25°	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9
-82.5°	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4
-83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9
-85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
-86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
85°	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.3	2.3
83.75°	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.7	2.8	2.9	3.0
82.5°	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7
81.25°	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.5
80°	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.0	5.2
78.75°	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.4	5.6	5.8	5.9
77.5°	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.6
76.25°	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3
75°	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.6	7.8	8.0
73.75°	6.1	6.4	6.7	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.6
72.5°	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.8	9.0	9.2
71.25°	7.1	7.4	7.7	8.0	8.4	8.6	8.8	9.1	9.3	9.5	9.7
70°	7.6	7.9	8.3	8.5	8.8	9.0	9.3	9.5	9.8	10.0	10.2
68.75°	8.1	8.4	8.7	9.0	9.2	9.5	9.8	10.0	10.2	10.4	10.6
67.5°	8.5	8.8	9.1	9.4	9.7	9.9	10.2	10.4	10.6	10.8	10.9
66.25°	8.9	9.2	9.5	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.3
65°	9.3	9.6	9.9	10.2	10.4	10.6	10.8	11.0	11.3	11.6	12.0
63.75°	9.6	10.0	10.2	10.5	10.7	10.9	11.2	11.4	11.8	12.2	12.6
62.5°	10.0	10.3	10.5	10.8	11.0	11.2	11.6	12.0	12.5	12.9	13.3
61.25°	10.3	10.5	10.8	11.0	11.3	11.7	12.2	12.6	13.1	13.5	14.1
60°	10.5	10.8	11.0	11.3	11.8	12.3	12.8	13.2	13.7	14.3	14.9
58.75°	10.8	11.0	11.3	11.8	12.3	12.8	13.3	13.9	14.5	15.1	15.7
57.5°	11.0	11.3	11.8	12.3	12.9	13.4	14.0	14.6	15.3	15.9	16.6
56.25°	11.2	11.7	12.3	12.8	13.4	14.0	14.7	15.4	16.0	16.8	17.6
55°	11.6	12.2	12.8	13.3	14.0	14.7	15.4	16.1	16.9	17.7	18.5
53.75°	12.0	12.6	13.2	13.9	14.6	15.4	16.1	16.9	17.8	18.6	19.5
52.5°	12.5	13.1	13.7	14.5	15.3	16.0	16.9	17.8	18.7	19.6	20.6
51.25°	12.9	13.5	14.3	15.1	15.9	16.8	17.7	18.6	19.6	20.6	21.7
50°	13.3	14.1	14.9	15.7	16.6	17.6	18.5	19.5	20.6	21.7	22.7
48.75°	13.8	14.6	15.5	16.3	17.3	18.3	19.3	20.4	21.6	22.7	23.8
47.5°	14.3	15.1	16.0	17.0	18.0	19.1	20.2	21.4	22.6	23.7	24.9
46.25°	14.8	15.7	16.6	17.7	18.8	19.8	21.1	22.3	23.5	24.7	25.9
45°	15.2	16.2	17.3	18.4	19.5	20.7	22.0	23.2	24.5	25.7	26.9
43.75°	15.7	16.8	17.9	19.0	20.2	21.6	22.9	24.1	25.4	26.6	27.8
42.5°	16.2	17.3	18.5	19.7	21.0	22.4	23.7	25.0	26.3	27.6	28.5
41.25°	16.7	17.9	19.1	20.4	21.8	23.2	24.6	25.9	27.2	28.2	29.2
40°	17.3	18.5	19.7	21.2	22.6	24.0	25.4	26.7	27.9	28.9	29.8
38.75°	17.8	19.1	20.4	21.9	23.3	24.8	26.2	27.5	28.5	29.5	30.5
37.5°	18.3	19.6	21.1	22.6	24.1	25.5	26.9	28.1	29.1	30.1	31.1
36.25°	18.8	20.2	21.7	23.3	24.8	26.2	27.7	28.7	29.7	30.8	31.8
35°	19.3	20.8	22.4	23.9	25.4	26.9	28.2	29.2	30.3	31.3	32.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	19.8	21.4	23.0	24.6	26.1	27.6	28.7	29.8	30.9	31.9	33.0
32.5°	20.4	22.0	23.6	25.2	26.7	28.1	29.2	30.3	31.4	32.5	33.5
31.25°	20.9	22.5	24.2	25.8	27.4	28.6	29.7	30.8	31.9	33.0	34.0
30°	21.4	23.1	24.7	26.3	27.9	29.0	30.2	31.3	32.4	33.5	34.4
28.75°	21.9	23.6	25.3	26.9	28.3	29.4	30.6	31.8	32.9	33.9	34.9
27.5°	22.4	24.1	25.8	27.4	28.7	29.9	31.1	32.2	33.4	34.3	35.3
26.25°	22.8	24.6	26.3	27.9	29.1	30.3	31.5	32.7	33.7	34.7	35.6
25°	23.3	25.0	26.7	28.2	29.4	30.7	31.9	33.1	34.1	35.1	35.9
23.75°	23.7	25.4	27.2	28.6	29.8	31.0	32.3	33.4	34.5	35.5	36.2
22.5°	24.1	25.9	27.6	28.9	30.1	31.4	32.6	33.8	34.8	35.7	36.5
21.25°	24.5	26.2	27.9	29.2	30.5	31.7	33.0	34.1	35.1	36.0	36.7
20°	24.8	26.6	28.2	29.5	30.8	32.0	33.3	34.4	35.4	36.2	37.0
18.75°	25.1	27.0	28.5	29.8	31.1	32.4	33.6	34.6	35.6	36.4	37.2
17.5°	25.5	27.3	28.7	30.0	31.3	32.6	33.8	34.9	35.8	36.6	37.4
16.25°	25.8	27.6	28.9	30.3	31.6	32.9	34.0	35.1	36.0	36.8	37.6
15°	26.0	27.8	29.1	30.5	31.8	33.1	34.3	35.3	36.2	37.0	37.8
13.75°	26.3	28.0	29.3	30.7	32.0	33.3	34.4	35.5	36.4	37.2	38.0
12.5°	26.5	28.2	29.5	30.9	32.2	33.5	34.6	35.7	36.5	37.3	38.1
11.25°	26.7	28.3	29.7	31.1	32.4	33.7	34.8	35.8	36.6	37.5	38.3
10°	26.9	28.5	29.8	31.2	32.6	33.8	34.9	35.9	36.7	37.6	38.4
8.75°	27.1	28.6	30.0	31.3	32.7	33.9	35.1	36.0	36.9	37.7	38.5
7.5°	27.2	28.7	30.1	31.5	32.9	34.0	35.2	36.1	36.9	37.8	38.6
6.25°	27.3	28.8	30.2	31.6	33.0	34.1	35.3	36.2	37.0	37.9	38.7
5°	27.4	28.9	30.3	31.7	33.0	34.2	35.4	36.2	37.1	37.9	38.8
3.75°	27.5	28.9	30.3	31.7	33.1	34.3	35.4	36.3	37.1	38.0	38.8
2.5°	27.6	29.0	30.4	31.8	33.2	34.3	35.5	36.3	37.2	38.0	38.9
1.25°	27.6	29.0	30.4	31.8	33.2	34.3	35.5	36.3	37.2	38.0	38.9
0°	27.6	29.0	30.4	31.8	33.2	34.4	35.5	36.4	37.2	38.1	38.9
-1.25°	27.6	29.0	30.4	31.8	33.2	34.3	35.5	36.3	37.2	38.0	38.9
-2.5°	27.6	29.0	30.4	31.8	33.2	34.3	35.5	36.3	37.2	38.0	38.9
-3.75°	27.5	28.9	30.3	31.7	33.1	34.3	35.4	36.3	37.1	38.0	38.8
-5°	27.4	28.9	30.3	31.7	33.0	34.2	35.4	36.2	37.1	37.9	38.8
-6.25°	27.3	28.8	30.2	31.6	33.0	34.1	35.3	36.2	37.0	37.9	38.7
-7.5°	27.2	28.7	30.1	31.5	32.9	34.0	35.2	36.1	36.9	37.8	38.6
-8.75°	27.1	28.6	30.0	31.3	32.7	33.9	35.1	36.0	36.9	37.7	38.5
-10°	26.9	28.5	29.8	31.2	32.6	33.8	34.9	35.9	36.7	37.6	38.4
-11.25°	26.7	28.3	29.7	31.1	32.4	33.7	34.8	35.8	36.6	37.5	38.3
-12.5°	26.5	28.2	29.5	30.9	32.2	33.5	34.6	35.7	36.5	37.3	38.1
-13.75°	26.3	28.0	29.3	30.7	32.0	33.3	34.4	35.5	36.4	37.2	38.0
-15°	26.0	27.8	29.1	30.5	31.8	33.1	34.3	35.3	36.2	37.0	37.8
-16.25°	25.8	27.6	28.9	30.3	31.6	32.9	34.0	35.1	36.0	36.8	37.6
-17.5°	25.5	27.3	28.7	30.0	31.3	32.6	33.8	34.9	35.8	36.6	37.4
-18.75°	25.1	27.0	28.5	29.8	31.1	32.4	33.6	34.6	35.6	36.4	37.2
-20°	24.8	26.6	28.2	29.5	30.8	32.0	33.3	34.4	35.4	36.2	37.0
-21.25°	24.5	26.2	27.9	29.2	30.5	31.7	33.0	34.1	35.1	36.0	36.7



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-22.5°	24.1	25.9	27.6	28.9	30.1	31.4	32.6	33.8	34.8	35.7	36.5
-23.75°	23.7	25.4	27.2	28.6	29.8	31.0	32.3	33.4	34.5	35.5	36.2
-25°	23.3	25.0	26.7	28.2	29.4	30.7	31.9	33.1	34.1	35.1	35.9
-26.25°	22.8	24.6	26.3	27.9	29.1	30.3	31.5	32.7	33.7	34.7	35.6
-27.5°	22.4	24.1	25.8	27.4	28.7	29.9	31.1	32.2	33.4	34.3	35.3
-28.75°	21.9	23.6	25.3	26.9	28.3	29.4	30.6	31.8	32.9	33.9	34.9
-30°	21.4	23.1	24.7	26.3	27.9	29.0	30.2	31.3	32.4	33.5	34.4
-31.25°	20.9	22.5	24.2	25.8	27.4	28.6	29.7	30.8	31.9	33.0	34.0
-32.5°	20.4	22.0	23.6	25.2	26.7	28.1	29.2	30.3	31.4	32.5	33.5
-33.75°	19.8	21.4	23.0	24.6	26.1	27.6	28.7	29.8	30.9	31.9	33.0
-35°	19.3	20.8	22.4	23.9	25.4	26.9	28.2	29.2	30.3	31.3	32.4
-36.25°	18.8	20.2	21.7	23.3	24.8	26.2	27.7	28.7	29.7	30.8	31.8
-37.5°	18.3	19.6	21.1	22.6	24.1	25.5	26.9	28.1	29.1	30.1	31.1
-38.75°	17.8	19.1	20.4	21.9	23.3	24.8	26.2	27.5	28.5	29.5	30.5
-40°	17.3	18.5	19.7	21.2	22.6	24.0	25.4	26.7	27.9	28.9	29.8
-41.25°	16.7	17.9	19.1	20.4	21.8	23.2	24.6	25.9	27.2	28.2	29.2
-42.5°	16.2	17.3	18.5	19.7	21.0	22.4	23.7	25.0	26.3	27.6	28.5
-43.75°	15.7	16.8	17.9	19.0	20.2	21.6	22.9	24.1	25.4	26.6	27.8
-45°	15.2	16.2	17.3	18.4	19.5	20.7	22.0	23.2	24.5	25.7	26.9
-46.25°	14.8	15.7	16.6	17.7	18.8	19.8	21.1	22.3	23.5	24.7	25.9
-47.5°	14.3	15.1	16.0	17.0	18.0	19.1	20.2	21.4	22.6	23.7	24.9
-48.75°	13.8	14.6	15.5	16.3	17.3	18.3	19.3	20.4	21.6	22.7	23.8
-50°	13.3	14.1	14.9	15.7	16.6	17.6	18.5	19.5	20.6	21.7	22.7
-51.25°	12.9	13.5	14.3	15.1	15.9	16.8	17.7	18.6	19.6	20.6	21.7
-52.5°	12.5	13.1	13.7	14.5	15.3	16.0	16.9	17.8	18.7	19.6	20.6
-53.75°	12.0	12.6	13.2	13.9	14.6	15.4	16.1	16.9	17.8	18.6	19.5
-55°	11.6	12.2	12.8	13.3	14.0	14.7	15.4	16.1	16.9	17.7	18.5
-56.25°	11.2	11.7	12.3	12.8	13.4	14.0	14.7	15.4	16.0	16.8	17.6
-57.5°	11.0	11.3	11.8	12.3	12.9	13.4	14.0	14.6	15.3	15.9	16.6
-58.75°	10.8	11.0	11.3	11.8	12.3	12.8	13.3	13.9	14.5	15.1	15.7
-60°	10.5	10.8	11.0	11.3	11.8	12.3	12.8	13.2	13.7	14.3	14.9
-61.25°	10.3	10.5	10.8	11.0	11.3	11.7	12.2	12.6	13.1	13.5	14.1
-62.5°	10.0	10.3	10.5	10.8	11.0	11.2	11.6	12.0	12.5	12.9	13.3
-63.75°	9.6	10.0	10.2	10.5	10.7	10.9	11.2	11.4	11.8	12.2	12.6
-65°	9.3	9.6	9.9	10.2	10.4	10.6	10.8	11.0	11.3	11.6	12.0
-66.25°	8.9	9.2	9.5	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.3
-67.5°	8.5	8.8	9.1	9.4	9.7	9.9	10.2	10.4	10.6	10.8	10.9
-68.75°	8.1	8.4	8.7	9.0	9.2	9.5	9.8	10.0	10.2	10.4	10.6
-70°	7.6	7.9	8.3	8.5	8.8	9.0	9.3	9.5	9.8	10.0	10.2
-71.25°	7.1	7.4	7.7	8.0	8.4	8.6	8.8	9.1	9.3	9.5	9.7
-72.5°	6.6	6.9	7.2	7.5	7.8	8.1	8.3	8.6	8.8	9.0	9.2
-73.75°	6.1	6.4	6.7	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.6
-75°	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.6	7.8	8.0
-76.25°	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3
-77.5°	4.6	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.6



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	4.1	4.3	4.5	4.6	4.8	5.0	5.2	5.4	5.6	5.8	5.9
-80°	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.7	4.9	5.0	5.2
-81.25°	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.2	4.3	4.5
-82.5°	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7
-83.75°	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.7	2.8	2.9	3.0
-85°	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.3	2.3
-86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
-88.75°	0.4	0.4	0.4	0.4	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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
86.25°	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2
85°	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0
83.75°	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9
82.5°	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
81.25°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8
80°	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7
78.75°	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.4	7.6
77.5°	6.8	7.0	7.2	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.4
76.25°	7.5	7.7	7.9	8.1	8.3	8.5	8.6	8.7	8.9	9.0	9.1
75°	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8
73.75°	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2	10.3	10.4
72.5°	9.4	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8
71.25°	9.9	10.1	10.3	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.3
70°	10.4	10.5	10.7	10.8	11.0	11.1	11.3	11.5	11.7	12.0	12.2
68.75°	10.7	10.9	11.1	11.2	11.5	11.7	12.0	12.3	12.5	12.8	13.1
67.5°	11.1	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14.0
66.25°	11.7	12.0	12.3	12.7	13.0	13.3	13.6	14.0	14.4	14.8	15.1
65°	12.3	12.7	13.1	13.4	13.8	14.2	14.6	15.1	15.5	15.8	16.2
63.75°	13.0	13.4	13.8	14.3	14.8	15.2	15.7	16.1	16.5	17.0	17.5
62.5°	13.8	14.3	14.8	15.2	15.7	16.2	16.7	17.3	17.8	18.3	18.8
61.25°	14.6	15.1	15.7	16.2	16.8	17.3	17.9	18.5	19.1	19.6	20.2
60°	15.5	16.0	16.6	17.3	17.9	18.5	19.1	19.7	20.4	21.1	21.7
58.75°	16.3	17.0	17.7	18.4	19.0	19.7	20.4	21.2	21.9	22.6	23.3
57.5°	17.3	18.0	18.8	19.5	20.2	21.0	21.8	22.6	23.3	24.1	24.8
56.25°	18.3	19.1	19.8	20.7	21.6	22.4	23.2	24.0	24.8	25.5	26.2
55°	19.3	20.2	21.1	22.0	22.9	23.7	24.6	25.4	26.2	26.9	27.7
53.75°	20.4	21.4	22.3	23.2	24.1	25.0	25.9	26.7	27.5	28.1	28.7
52.5°	21.6	22.6	23.5	24.5	25.4	26.3	27.2	27.9	28.5	29.1	29.7
51.25°	22.7	23.7	24.7	25.7	26.6	27.6	28.2	28.9	29.5	30.1	30.8
50°	23.8	24.9	25.9	26.9	27.8	28.5	29.2	29.8	30.5	31.1	31.8
48.75°	24.9	26.0	27.0	27.9	28.7	29.4	30.1	30.8	31.5	32.1	32.8
47.5°	26.0	27.1	28.0	28.8	29.5	30.3	31.0	31.7	32.4	33.1	33.7
46.25°	27.0	28.0	28.8	29.6	30.4	31.1	31.9	32.6	33.3	33.9	34.5
45°	27.9	28.8	29.6	30.4	31.2	32.0	32.8	33.5	34.1	34.7	35.3
43.75°	28.7	29.5	30.4	31.2	32.0	32.8	33.6	34.2	34.8	35.5	35.9
42.5°	29.4	30.3	31.1	32.0	32.8	33.6	34.3	34.9	35.6	36.0	36.5
41.25°	30.1	31.0	31.9	32.8	33.6	34.3	35.0	35.6	36.1	36.6	37.1
40°	30.8	31.7	32.6	33.5	34.2	34.9	35.6	36.1	36.6	37.2	37.6
38.75°	31.5	32.4	33.3	34.1	34.8	35.6	36.1	36.6	37.2	37.7	38.2
37.5°	32.1	33.1	33.9	34.7	35.5	36.0	36.6	37.2	37.7	38.2	38.7
36.25°	32.8	33.7	34.5	35.3	35.9	36.5	37.1	37.6	38.2	38.7	39.2
35°	33.4	34.2	35.0	35.8	36.4	37.0	37.6	38.1	38.7	39.1	39.5



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	33.9	34.7	35.6	36.2	36.8	37.4	38.0	38.6	39.1	39.5	39.8
32.5°	34.4	35.3	36.0	36.6	37.2	37.8	38.5	39.0	39.4	39.8	40.1
31.25°	34.9	35.7	36.3	37.0	37.6	38.3	38.9	39.3	39.7	40.0	40.3
30°	35.3	36.0	36.7	37.4	38.0	38.7	39.2	39.6	40.0	40.2	40.4
28.75°	35.7	36.4	37.1	37.8	38.4	39.0	39.4	39.9	40.2	40.4	40.6
27.5°	36.0	36.7	37.4	38.1	38.8	39.3	39.7	40.1	40.3	40.5	40.9
26.25°	36.4	37.1	37.8	38.5	39.1	39.5	40.0	40.2	40.5	40.8	41.2
25°	36.7	37.4	38.1	38.8	39.3	39.7	40.1	40.4	40.6	41.0	41.5
23.75°	36.9	37.7	38.4	39.0	39.5	40.0	40.2	40.5	40.8	41.3	41.8
22.5°	37.2	38.0	38.7	39.2	39.7	40.1	40.4	40.6	41.1	41.5	42.2
21.25°	37.5	38.2	39.0	39.4	39.9	40.2	40.5	40.8	41.3	41.8	42.5
20°	37.7	38.5	39.1	39.6	40.1	40.3	40.6	41.1	41.5	42.2	42.9
18.75°	38.0	38.7	39.3	39.8	40.2	40.4	40.8	41.3	41.8	42.5	43.3
17.5°	38.2	39.0	39.5	40.0	40.3	40.5	41.0	41.5	42.1	42.8	43.8
16.25°	38.4	39.1	39.6	40.1	40.3	40.6	41.1	41.6	42.4	43.1	44.5
15°	38.6	39.2	39.7	40.1	40.4	40.8	41.3	41.9	42.6	43.4	45.2
13.75°	38.8	39.3	39.9	40.2	40.5	40.9	41.4	42.1	42.9	44.0	45.8
12.5°	38.9	39.5	40.0	40.3	40.6	41.1	41.6	42.3	43.1	44.6	46.4
11.25°	39.0	39.6	40.0	40.3	40.6	41.2	41.7	42.5	43.3	45.1	46.9
10°	39.1	39.7	40.1	40.4	40.8	41.3	41.9	42.7	43.7	45.6	47.6
8.75°	39.2	39.7	40.1	40.4	40.8	41.4	42.0	42.9	44.1	46.0	48.8
7.5°	39.3	39.8	40.2	40.5	40.9	41.5	42.2	43.0	44.4	46.3	49.8
6.25°	39.3	39.9	40.2	40.5	41.0	41.5	42.3	43.1	44.7	46.6	50.7
5°	39.4	39.9	40.2	40.5	41.0	41.6	42.4	43.2	44.9	46.9	51.4
3.75°	39.4	40.0	40.3	40.6	41.1	41.6	42.5	43.3	45.1	47.1	51.9
2.5°	39.4	40.0	40.3	40.6	41.1	41.7	42.5	43.4	45.2	47.2	52.3
1.25°	39.4	40.0	40.3	40.6	41.1	41.7	42.5	43.4	45.3	47.3	52.6
0°	39.5	40.0	40.3	40.6	41.2	41.7	42.6	43.4	45.4	47.3	52.7
-1.25°	39.4	40.0	40.3	40.6	41.1	41.7	42.5	43.4	45.3	47.3	52.6
-2.5°	39.4	40.0	40.3	40.6	41.1	41.7	42.5	43.4	45.2	47.2	52.3
-3.75°	39.4	40.0	40.3	40.6	41.1	41.6	42.5	43.3	45.1	47.1	51.9
-5°	39.4	39.9	40.2	40.5	41.0	41.6	42.4	43.2	44.9	46.9	51.4
-6.25°	39.3	39.9	40.2	40.5	41.0	41.5	42.3	43.1	44.7	46.6	50.7
-7.5°	39.3	39.8	40.2	40.5	40.9	41.5	42.2	43.0	44.4	46.3	49.8
-8.75°	39.2	39.7	40.1	40.4	40.8	41.4	42.0	42.9	44.1	46.0	48.8
-10°	39.1	39.7	40.1	40.4	40.8	41.3	41.9	42.7	43.7	45.6	47.6
-11.25°	39.0	39.6	40.0	40.3	40.6	41.2	41.7	42.5	43.3	45.1	46.9
-12.5°	38.9	39.5	40.0	40.3	40.6	41.1	41.6	42.3	43.1	44.6	46.4
-13.75°	38.8	39.3	39.9	40.2	40.5	40.9	41.4	42.1	42.9	44.0	45.8
-15°	38.6	39.2	39.7	40.1	40.4	40.8	41.3	41.9	42.6	43.4	45.2
-16.25°	38.4	39.1	39.6	40.1	40.3	40.6	41.1	41.6	42.4	43.1	44.5
-17.5°	38.2	39.0	39.5	40.0	40.3	40.5	41.0	41.5	42.1	42.8	43.8
-18.75°	38.0	38.7	39.3	39.8	40.2	40.4	40.8	41.3	41.8	42.5	43.3
-20°	37.7	38.5	39.1	39.6	40.1	40.3	40.6	41.1	41.5	42.2	42.9
-21.25°	37.5	38.2	39.0	39.4	39.9	40.2	40.5	40.8	41.3	41.8	42.5



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	37.2	38.0	38.7	39.2	39.7	40.1	40.4	40.6	41.1	41.5	42.2
-23.75°	36.9	37.7	38.4	39.0	39.5	40.0	40.2	40.5	40.8	41.3	41.8
-25°	36.7	37.4	38.1	38.8	39.3	39.7	40.1	40.4	40.6	41.0	41.5
-26.25°	36.4	37.1	37.8	38.5	39.1	39.5	40.0	40.2	40.5	40.8	41.2
-27.5°	36.0	36.7	37.4	38.1	38.8	39.3	39.7	40.1	40.3	40.5	40.9
-28.75°	35.7	36.4	37.1	37.8	38.4	39.0	39.4	39.9	40.2	40.4	40.6
-30°	35.3	36.0	36.7	37.4	38.0	38.7	39.2	39.6	40.0	40.2	40.4
-31.25°	34.9	35.7	36.3	37.0	37.6	38.3	38.9	39.3	39.7	40.0	40.3
-32.5°	34.4	35.3	36.0	36.6	37.2	37.8	38.5	39.0	39.4	39.8	40.1
-33.75°	33.9	34.7	35.6	36.2	36.8	37.4	38.0	38.6	39.1	39.5	39.8
-35°	33.4	34.2	35.0	35.8	36.4	37.0	37.6	38.1	38.7	39.1	39.5
-36.25°	32.8	33.7	34.5	35.3	35.9	36.5	37.1	37.6	38.2	38.7	39.2
-37.5°	32.1	33.1	33.9	34.7	35.5	36.0	36.6	37.2	37.7	38.2	38.7
-38.75°	31.5	32.4	33.3	34.1	34.8	35.6	36.1	36.6	37.2	37.7	38.2
-40°	30.8	31.7	32.6	33.5	34.2	34.9	35.6	36.1	36.6	37.2	37.6
-41.25°	30.1	31.0	31.9	32.8	33.6	34.3	35.0	35.6	36.1	36.6	37.1
-42.5°	29.4	30.3	31.1	32.0	32.8	33.6	34.3	34.9	35.6	36.0	36.5
-43.75°	28.7	29.5	30.4	31.2	32.0	32.8	33.6	34.2	34.8	35.5	35.9
-45°	27.9	28.8	29.6	30.4	31.2	32.0	32.8	33.5	34.1	34.7	35.3
-46.25°	27.0	28.0	28.8	29.6	30.4	31.1	31.9	32.6	33.3	33.9	34.5
-47.5°	26.0	27.1	28.0	28.8	29.5	30.3	31.0	31.7	32.4	33.1	33.7
-48.75°	24.9	26.0	27.0	27.9	28.7	29.4	30.1	30.8	31.5	32.1	32.8
-50°	23.8	24.9	25.9	26.9	27.8	28.5	29.2	29.8	30.5	31.1	31.8
-51.25°	22.7	23.7	24.7	25.7	26.6	27.6	28.2	28.9	29.5	30.1	30.8
-52.5°	21.6	22.6	23.5	24.5	25.4	26.3	27.2	27.9	28.5	29.1	29.7
-53.75°	20.4	21.4	22.3	23.2	24.1	25.0	25.9	26.7	27.5	28.1	28.7
-55°	19.3	20.2	21.1	22.0	22.9	23.7	24.6	25.4	26.2	26.9	27.7
-56.25°	18.3	19.1	19.8	20.7	21.6	22.4	23.2	24.0	24.8	25.5	26.2
-57.5°	17.3	18.0	18.8	19.5	20.2	21.0	21.8	22.6	23.3	24.1	24.8
-58.75°	16.3	17.0	17.7	18.4	19.0	19.7	20.4	21.2	21.9	22.6	23.3
-60°	15.5	16.0	16.6	17.3	17.9	18.5	19.1	19.7	20.4	21.1	21.7
-61.25°	14.6	15.1	15.7	16.2	16.8	17.3	17.9	18.5	19.1	19.6	20.2
-62.5°	13.8	14.3	14.8	15.2	15.7	16.2	16.7	17.3	17.8	18.3	18.8
-63.75°	13.0	13.4	13.8	14.3	14.8	15.2	15.7	16.1	16.5	17.0	17.5
-65°	12.3	12.7	13.1	13.4	13.8	14.2	14.6	15.1	15.5	15.8	16.2
-66.25°	11.7	12.0	12.3	12.7	13.0	13.3	13.6	14.0	14.4	14.8	15.1
-67.5°	11.1	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14.0
-68.75°	10.7	10.9	11.1	11.2	11.5	11.7	12.0	12.3	12.5	12.8	13.1
-70°	10.4	10.5	10.7	10.8	11.0	11.1	11.3	11.5	11.7	12.0	12.2
-71.25°	9.9	10.1	10.3	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.3
-72.5°	9.4	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8
-73.75°	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2	10.3	10.4
-75°	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8
-76.25°	7.5	7.7	7.9	8.1	8.3	8.5	8.6	8.7	8.9	9.0	9.1
-77.5°	6.8	7.0	7.2	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.2	7.3	7.4	7.6
-80°	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7
-81.25°	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8
-82.5°	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
-83.75°	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9
-85°	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0
-86.25°	1.7	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2
-87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
86.25°	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5
85°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6
83.75°	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6
82.5°	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
81.25°	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.6	6.7
80°	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7
78.75°	7.7	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.5	8.6	8.7
77.5°	8.5	8.6	8.8	8.9	8.9	9.0	9.1	9.2	9.3	9.4	9.4
76.25°	9.2	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.1	10.2
75°	9.9	10.1	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7
73.75°	10.5	10.6	10.7	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.3
72.5°	10.9	11.0	11.2	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.3
71.25°	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.8	13.0	13.2	13.3
70°	12.4	12.6	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5
68.75°	13.3	13.5	13.8	14.1	14.4	14.7	14.9	15.1	15.4	15.6	15.8
67.5°	14.4	14.7	15.0	15.3	15.6	15.9	16.1	16.4	16.7	17.0	17.3
66.25°	15.5	15.8	16.1	16.5	16.9	17.2	17.6	17.9	18.2	18.5	18.8
65°	16.6	17.1	17.5	17.9	18.3	18.7	19.0	19.4	19.7	20.1	20.5
63.75°	18.0	18.4	18.9	19.3	19.7	20.2	20.7	21.1	21.5	21.9	22.3
62.5°	19.3	19.8	20.4	20.9	21.4	21.9	22.4	22.8	23.3	23.7	24.1
61.25°	20.8	21.4	22.0	22.5	23.1	23.6	24.1	24.6	25.0	25.4	25.9
60°	22.4	23.0	23.6	24.2	24.7	25.3	25.8	26.3	26.7	27.2	27.6
58.75°	23.9	24.6	25.2	25.8	26.3	26.9	27.4	27.9	28.2	28.6	28.9
57.5°	25.4	26.1	26.7	27.4	27.9	28.3	28.7	29.1	29.4	29.8	30.1
56.25°	26.9	27.6	28.1	28.6	29.0	29.4	29.9	30.3	30.7	31.0	31.4
55°	28.2	28.7	29.2	29.7	30.2	30.6	31.1	31.5	31.9	32.3	32.6
53.75°	29.2	29.8	30.3	30.8	31.3	31.8	32.2	32.7	33.1	33.4	33.8
52.5°	30.3	30.9	31.4	31.9	32.4	32.9	33.4	33.7	34.1	34.5	34.8
51.25°	31.3	31.9	32.5	33.0	33.5	33.9	34.3	34.7	35.1	35.5	35.7
50°	32.4	33.0	33.5	34.0	34.4	34.9	35.3	35.6	35.9	36.2	36.5
48.75°	33.4	33.9	34.4	34.9	35.3	35.7	36.0	36.4	36.7	36.9	37.2
47.5°	34.2	34.7	35.3	35.7	36.0	36.4	36.7	37.1	37.4	37.7	38.0
46.25°	35.0	35.6	36.0	36.3	36.7	37.1	37.4	37.8	38.1	38.4	38.7
45°	35.8	36.2	36.6	37.0	37.4	37.8	38.1	38.5	38.8	39.0	39.2
43.75°	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.1	39.3	39.5	39.7
42.5°	37.0	37.4	37.8	38.3	38.7	39.0	39.3	39.5	39.7	40.0	40.1
41.25°	37.6	38.0	38.5	38.9	39.2	39.4	39.7	40.0	40.1	40.2	40.4
40°	38.1	38.6	39.0	39.3	39.6	39.9	40.1	40.2	40.4	40.5	40.6
38.75°	38.7	39.1	39.4	39.7	40.0	40.2	40.3	40.5	40.6	40.8	41.1
37.5°	39.1	39.5	39.8	40.0	40.2	40.4	40.5	40.8	41.0	41.3	41.5
36.25°	39.5	39.8	40.1	40.3	40.4	40.6	40.9	41.2	41.5	41.8	42.2
35°	39.8	40.1	40.3	40.5	40.7	41.0	41.3	41.6	42.0	42.4	42.8



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	40.1	40.3	40.5	40.7	41.1	41.4	41.7	42.2	42.7	43.1	43.7
32.5°	40.3	40.5	40.8	41.1	41.4	41.8	42.3	42.8	43.3	44.2	45.3
31.25°	40.5	40.7	41.1	41.5	41.9	42.4	42.9	43.5	44.6	45.7	46.8
30°	40.7	41.1	41.4	41.9	42.4	43.0	43.7	44.9	46.1	47.2	50.0
28.75°	41.0	41.4	41.8	42.4	43.0	43.8	45.0	46.3	47.8	51.0	54.1
27.5°	41.3	41.7	42.3	42.9	43.7	45.0	46.3	48.2	51.6	54.9	58.3
26.25°	41.6	42.2	42.8	43.5	44.9	46.3	48.2	51.8	55.3	59.5	66.2
25°	42.0	42.7	43.3	44.6	46.1	47.8	51.6	55.3	59.9	67.0	73.9
23.75°	42.4	43.1	44.2	45.7	47.2	51.0	54.9	59.5	67.0	74.3	81.8
22.5°	42.8	43.7	45.3	46.8	50.0	54.1	58.3	66.2	73.9	81.8	90.6
21.25°	43.2	44.6	46.2	48.7	52.9	57.1	64.5	72.6	80.8	90.0	99.1
20°	43.9	45.6	47.2	51.4	55.7	62.0	70.5	78.8	88.5	98.0	108.3
18.75°	44.8	46.4	49.4	53.9	58.8	67.6	76.3	85.8	95.8	105.9	119.7
17.5°	45.5	47.2	51.8	56.4	63.9	72.9	82.2	92.6	102.9	116.1	142.9
16.25°	46.3	49.3	54.0	59.4	68.7	77.9	88.4	99.0	111.4	134.1	179.6
15°	47.0	51.3	56.1	63.7	73.2	83.2	94.2	105.3	121.8	158.5	225.4
13.75°	48.2	53.1	58.1	67.8	77.4	88.4	99.7	113.2	140.0	195.5	281.2
12.5°	49.9	54.9	61.7	71.5	81.7	93.3	104.8	122.5	163.7	238.8	341.1
11.25°	51.4	56.4	64.9	75.0	86.0	97.7	111.2	137.4	194.1	284.8	399.6
10°	52.8	57.9	67.9	78.1	89.8	101.8	117.1	152.0	226.9	333.1	460.8
8.75°	54.0	60.3	70.6	81.1	93.3	105.6	126.5	175.6	262.7	378.8	516.2
7.5°	55.0	62.5	72.9	84.0	96.3	110.0	136.6	196.4	294.2	421.5	569.9
6.25°	55.9	64.4	74.9	86.4	98.9	113.8	145.3	216.0	326.3	461.2	616.8
5°	56.7	65.9	76.5	88.5	101.0	116.9	154.9	237.1	353.4	494.1	655.7
3.75°	57.3	67.1	77.8	90.1	102.6	119.7	165.8	253.7	374.6	520.0	687.7
2.5°	57.7	68.0	78.7	91.2	103.8	123.6	173.6	265.6	389.9	540.4	710.9
1.25°	57.9	68.5	79.2	91.9	104.6	125.9	178.4	272.8	399.1	552.9	724.8
0°	58.0	68.7	79.4	92.1	104.8	126.6	180.0	275.2	402.2	557.1	729.5
-1.25°	57.9	68.5	79.2	91.9	104.6	125.9	178.4	272.8	399.1	552.9	724.8
-2.5°	57.7	68.0	78.7	91.2	103.8	123.6	173.6	265.6	389.9	540.4	710.9
-3.75°	57.3	67.1	77.8	90.1	102.6	119.7	165.8	253.7	374.6	520.0	687.7
-5°	56.7	65.9	76.5	88.5	101.0	116.9	154.9	237.1	353.4	494.1	655.7
-6.25°	55.9	64.4	74.9	86.4	98.9	113.8	145.3	216.0	326.3	461.2	616.8
-7.5°	55.0	62.5	72.9	84.0	96.3	110.0	136.6	196.4	294.2	421.5	569.9
-8.75°	54.0	60.3	70.6	81.1	93.3	105.6	126.5	175.6	262.7	378.8	516.2
-10°	52.8	57.9	67.9	78.1	89.8	101.8	117.1	152.0	226.9	333.1	460.8
-11.25°	51.4	56.4	64.9	75.0	86.0	97.7	111.2	137.4	194.1	284.8	399.6
-12.5°	49.9	54.9	61.7	71.5	81.7	93.3	104.8	122.5	163.7	238.8	341.1
-13.75°	48.2	53.1	58.1	67.8	77.4	88.4	99.7	113.2	140.0	195.5	281.2
-15°	47.0	51.3	56.1	63.7	73.2	83.2	94.2	105.3	121.8	158.5	225.4
-16.25°	46.3	49.3	54.0	59.4	68.7	77.9	88.4	99.0	111.4	134.1	179.6
-17.5°	45.5	47.2	51.8	56.4	63.9	72.9	82.2	92.6	102.9	116.1	142.9
-18.75°	44.8	46.4	49.4	53.9	58.8	67.6	76.3	85.8	95.8	105.9	119.7
-20°	43.9	45.6	47.2	51.4	55.7	62.0	70.5	78.8	88.5	98.0	108.3
-21.25°	43.2	44.6	46.2	48.7	52.9	57.1	64.5	72.6	80.8	90.0	99.1



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	42.8	43.7	45.3	46.8	50.0	54.1	58.3	66.2	73.9	81.8	90.6
-23.75°	42.4	43.1	44.2	45.7	47.2	51.0	54.9	59.5	67.0	74.3	81.8
-25°	42.0	42.7	43.3	44.6	46.1	47.8	51.6	55.3	59.9	67.0	73.9
-26.25°	41.6	42.2	42.8	43.5	44.9	46.3	48.2	51.8	55.3	59.5	66.2
-27.5°	41.3	41.7	42.3	42.9	43.7	45.0	46.3	48.2	51.6	54.9	58.3
-28.75°	41.0	41.4	41.8	42.4	43.0	43.8	45.0	46.3	47.8	51.0	54.1
-30°	40.7	41.1	41.4	41.9	42.4	43.0	43.7	44.9	46.1	47.2	50.0
-31.25°	40.5	40.7	41.1	41.5	41.9	42.4	42.9	43.5	44.6	45.7	46.8
-32.5°	40.3	40.5	40.8	41.1	41.4	41.8	42.3	42.8	43.3	44.2	45.3
-33.75°	40.1	40.3	40.5	40.7	41.1	41.4	41.7	42.2	42.7	43.1	43.7
-35°	39.8	40.1	40.3	40.5	40.7	41.0	41.3	41.6	42.0	42.4	42.8
-36.25°	39.5	39.8	40.1	40.3	40.4	40.6	40.9	41.2	41.5	41.8	42.2
-37.5°	39.1	39.5	39.8	40.0	40.2	40.4	40.5	40.8	41.0	41.3	41.5
-38.75°	38.7	39.1	39.4	39.7	40.0	40.2	40.3	40.5	40.6	40.8	41.1
-40°	38.1	38.6	39.0	39.3	39.6	39.9	40.1	40.2	40.4	40.5	40.6
-41.25°	37.6	38.0	38.5	38.9	39.2	39.4	39.7	40.0	40.1	40.2	40.4
-42.5°	37.0	37.4	37.8	38.3	38.7	39.0	39.3	39.5	39.7	40.0	40.1
-43.75°	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.1	39.3	39.5	39.7
-45°	35.8	36.2	36.6	37.0	37.4	37.8	38.1	38.5	38.8	39.0	39.2
-46.25°	35.0	35.6	36.0	36.3	36.7	37.1	37.4	37.8	38.1	38.4	38.7
-47.5°	34.2	34.7	35.3	35.7	36.0	36.4	36.7	37.1	37.4	37.7	38.0
-48.75°	33.4	33.9	34.4	34.9	35.3	35.7	36.0	36.4	36.7	36.9	37.2
-50°	32.4	33.0	33.5	34.0	34.4	34.9	35.3	35.6	35.9	36.2	36.5
-51.25°	31.3	31.9	32.5	33.0	33.5	33.9	34.3	34.7	35.1	35.5	35.7
-52.5°	30.3	30.9	31.4	31.9	32.4	32.9	33.4	33.7	34.1	34.5	34.8
-53.75°	29.2	29.8	30.3	30.8	31.3	31.8	32.2	32.7	33.1	33.4	33.8
-55°	28.2	28.7	29.2	29.7	30.2	30.6	31.1	31.5	31.9	32.3	32.6
-56.25°	26.9	27.6	28.1	28.6	29.0	29.4	29.9	30.3	30.7	31.0	31.4
-57.5°	25.4	26.1	26.7	27.4	27.9	28.3	28.7	29.1	29.4	29.8	30.1
-58.75°	23.9	24.6	25.2	25.8	26.3	26.9	27.4	27.9	28.2	28.6	28.9
-60°	22.4	23.0	23.6	24.2	24.7	25.3	25.8	26.3	26.7	27.2	27.6
-61.25°	20.8	21.4	22.0	22.5	23.1	23.6	24.1	24.6	25.0	25.4	25.9
-62.5°	19.3	19.8	20.4	20.9	21.4	21.9	22.4	22.8	23.3	23.7	24.1
-63.75°	18.0	18.4	18.9	19.3	19.7	20.2	20.7	21.1	21.5	21.9	22.3
-65°	16.6	17.1	17.5	17.9	18.3	18.7	19.0	19.4	19.7	20.1	20.5
-66.25°	15.5	15.8	16.1	16.5	16.9	17.2	17.6	17.9	18.2	18.5	18.8
-67.5°	14.4	14.7	15.0	15.3	15.6	15.9	16.1	16.4	16.7	17.0	17.3
-68.75°	13.3	13.5	13.8	14.1	14.4	14.7	14.9	15.1	15.4	15.6	15.8
-70°	12.4	12.6	12.9	13.1	13.3	13.5	13.7	13.9	14.1	14.3	14.5
-71.25°	11.5	11.7	11.9	12.1	12.3	12.5	12.7	12.8	13.0	13.2	13.3
-72.5°	10.9	11.0	11.2	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.3
-73.75°	10.5	10.6	10.7	10.7	10.8	10.9	11.0	11.1	11.2	11.2	11.3
-75°	9.9	10.1	10.2	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.7
-76.25°	9.2	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.1	10.2
-77.5°	8.5	8.6	8.8	8.9	8.9	9.0	9.1	9.2	9.3	9.4	9.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	7.7	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.5	8.6	8.7
-80°	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.7
-81.25°	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.6	6.7
-82.5°	4.9	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.7
-83.75°	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.5	4.5	4.6	4.6
-85°	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6
-86.25°	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5
-87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
86.25°	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8
85°	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
83.75°	4.7	4.7	4.7	4.8	4.8	4.9	4.9	4.9	4.9	5.0	5.0
82.5°	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
81.25°	6.8	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2
80°	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3
78.75°	8.7	8.8	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.1	9.2
77.5°	9.5	9.6	9.6	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0
76.25°	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6	10.6
75°	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.2	11.2	11.2
73.75°	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.2
72.5°	12.4	12.5	12.7	12.8	12.9	13.0	13.0	13.1	13.2	13.3	13.3
71.25°	13.4	13.6	13.7	13.9	14.0	14.2	14.3	14.4	14.5	14.6	14.6
70°	14.7	14.9	15.1	15.2	15.4	15.5	15.6	15.7	15.9	15.9	16.0
68.75°	16.0	16.2	16.4	16.6	16.8	17.0	17.1	17.3	17.4	17.5	17.6
67.5°	17.5	17.8	18.0	18.2	18.4	18.6	18.8	18.9	19.1	19.2	19.3
66.25°	19.1	19.3	19.6	19.8	20.1	20.3	20.5	20.7	20.9	21.1	21.2
65°	20.8	21.1	21.4	21.7	22.0	22.2	22.5	22.7	22.9	23.1	23.2
63.75°	22.7	23.0	23.3	23.6	23.9	24.2	24.4	24.6	24.8	25.0	25.1
62.5°	24.5	24.8	25.1	25.5	25.8	26.0	26.3	26.5	26.7	26.9	27.1
61.25°	26.2	26.6	27.0	27.3	27.6	27.8	28.0	28.2	28.3	28.5	28.6
60°	27.9	28.2	28.5	28.7	28.9	29.1	29.3	29.5	29.7	29.8	30.0
58.75°	29.2	29.5	29.8	30.0	30.3	30.5	30.7	30.9	31.1	31.2	31.3
57.5°	30.5	30.8	31.1	31.3	31.6	31.8	32.0	32.2	32.4	32.6	32.7
56.25°	31.7	32.0	32.4	32.6	32.9	33.1	33.3	33.5	33.7	33.8	33.9
55°	33.0	33.3	33.6	33.8	34.0	34.3	34.4	34.6	34.8	34.9	35.1
53.75°	34.1	34.4	34.6	34.9	35.1	35.3	35.5	35.7	35.8	35.9	36.0
52.5°	35.1	35.4	35.6	35.8	36.0	36.2	36.4	36.5	36.6	36.7	36.9
51.25°	36.0	36.2	36.4	36.6	36.8	37.0	37.2	37.3	37.5	37.6	37.7
50°	36.7	37.0	37.2	37.4	37.6	37.8	38.0	38.1	38.3	38.4	38.5
48.75°	37.5	37.7	38.0	38.2	38.4	38.6	38.8	38.9	39.0	39.1	39.2
47.5°	38.2	38.5	38.7	39.0	39.1	39.2	39.3	39.5	39.6	39.7	39.7
46.25°	39.0	39.1	39.3	39.5	39.6	39.7	39.9	40.0	40.0	40.1	40.1
45°	39.4	39.6	39.8	40.0	40.1	40.1	40.2	40.3	40.3	40.4	40.4
43.75°	39.9	40.1	40.2	40.3	40.3	40.4	40.5	40.6	40.6	40.8	40.8
42.5°	40.2	40.3	40.4	40.5	40.6	40.8	40.9	41.1	41.2	41.3	41.4
41.25°	40.5	40.6	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	42.0
40°	40.8	41.1	41.3	41.5	41.6	41.9	42.1	42.3	42.5	42.7	42.9
38.75°	41.3	41.5	41.8	42.1	42.4	42.6	42.9	43.1	43.3	43.7	44.1
37.5°	41.8	42.2	42.5	42.8	43.1	43.4	44.0	44.6	45.1	45.6	46.0
36.25°	42.5	42.9	43.3	43.8	44.5	45.2	45.8	46.4	46.9	47.6	48.8
35°	43.2	43.9	44.8	45.5	46.3	47.0	48.2	49.9	51.4	52.8	54.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	44.6	45.6	46.4	47.2	49.3	51.3	53.1	54.9	56.4	57.9	60.3
32.5°	46.2	47.2	49.4	51.8	54.0	56.1	58.1	61.7	64.9	67.9	70.6
31.25°	48.7	51.4	53.9	56.4	59.4	63.7	67.8	71.5	75.0	78.1	81.1
30°	52.9	55.7	58.8	63.9	68.7	73.2	77.4	81.7	86.0	89.8	93.3
28.75°	57.1	62.0	67.6	72.9	77.9	83.2	88.4	93.3	97.7	101.8	105.6
27.5°	64.5	70.5	76.3	82.2	88.4	94.2	99.7	104.8	111.2	117.1	126.5
26.25°	72.6	78.8	85.8	92.6	99.0	105.3	113.2	122.5	137.4	152.0	175.6
25°	80.8	88.5	95.8	102.9	111.4	121.8	140.0	163.7	194.1	226.9	262.7
23.75°	90.0	98.0	105.9	116.1	134.1	158.5	195.5	238.8	284.8	333.1	378.8
22.5°	99.1	108.3	119.7	142.9	179.6	225.4	281.2	341.1	399.6	460.8	516.2
21.25°	109.0	123.2	148.3	193.9	251.7	317.0	387.8	462.0	533.9	606.3	672.2
20°	123.2	150.3	201.1	267.7	343.5	424.7	510.0	597.9	682.1	762.3	834.0
18.75°	148.3	201.1	273.0	356.8	448.4	544.7	644.4	742.4	833.6	916.2	987.5
17.5°	193.9	267.7	356.8	456.3	563.0	673.4	783.2	884.8	976.7	1058.1	1135.4
16.25°	251.7	343.5	448.4	563.0	683.4	803.7	916.1	1016.7	1111.9	1202.5	1288.0
15°	317.0	424.7	544.7	673.4	803.7	926.5	1037.0	1145.0	1249.8	1349.3	1442.2
13.75°	387.8	510.0	644.4	783.2	916.1	1037.0	1156.1	1273.8	1387.5	1494.8	1590.8
12.5°	462.0	597.9	742.4	884.8	1016.7	1145.0	1273.8	1400.3	1520.9	1631.3	1728.8
11.25°	533.9	682.1	833.6	976.7	1111.9	1249.8	1387.5	1520.9	1644.5	1756.4	1854.2
10°	606.3	762.3	916.2	1058.1	1202.5	1349.3	1494.8	1631.3	1756.4	1867.9	1966.2
8.75°	672.2	834.0	987.5	1135.4	1288.0	1442.2	1590.8	1728.8	1854.2	1966.2	2066.9
7.5°	732.8	896.7	1049.5	1204.8	1364.9	1524.4	1674.9	1813.5	1939.1	2053.1	2155.1
6.25°	785.0	950.0	1104.9	1267.0	1432.8	1595.0	1747.2	1886.4	2012.3	2127.8	2231.3
5°	827.7	991.9	1152.0	1319.0	1489.7	1653.1	1805.2	1944.4	2072.6	2189.0	2296.3
3.75°	861.0	1025.0	1189.1	1360.6	1533.5	1698.1	1851.1	1991.1	2120.2	2237.7	2347.0
2.5°	885.1	1048.8	1216.4	1391.0	1565.4	1731.0	1884.3	2023.9	2153.5	2273.4	2384.8
1.25°	899.6	1063.3	1233.2	1409.5	1584.7	1750.9	1903.3	2043.8	2173.9	2295.4	2406.5
0°	904.5	1068.1	1238.9	1415.7	1591.2	1757.6	1909.7	2050.6	2180.8	2302.9	2413.5
-1.25°	899.6	1063.3	1233.2	1409.5	1584.7	1750.9	1903.3	2043.8	2173.9	2295.4	2406.5
-2.5°	885.1	1048.8	1216.4	1391.0	1565.4	1731.0	1884.3	2023.9	2153.5	2273.4	2384.8
-3.75°	861.0	1025.0	1189.1	1360.6	1533.5	1698.1	1851.1	1991.1	2120.2	2237.7	2347.0
-5°	827.7	991.9	1152.0	1319.0	1489.7	1653.1	1805.2	1944.4	2072.6	2189.0	2296.3
-6.25°	785.0	950.0	1104.9	1267.0	1432.8	1595.0	1747.2	1886.4	2012.3	2127.8	2231.3
-7.5°	732.8	896.7	1049.5	1204.8	1364.9	1524.4	1674.9	1813.5	1939.1	2053.1	2155.1
-8.75°	672.2	834.0	987.5	1135.4	1288.0	1442.2	1590.8	1728.8	1854.2	1966.2	2066.9
-10°	606.3	762.3	916.2	1058.1	1202.5	1349.3	1494.8	1631.3	1756.4	1867.9	1966.2
-11.25°	533.9	682.1	833.6	976.7	1111.9	1249.8	1387.5	1520.9	1644.5	1756.4	1854.2
-12.5°	462.0	597.9	742.4	884.8	1016.7	1145.0	1273.8	1400.3	1520.9	1631.3	1728.8
-13.75°	387.8	510.0	644.4	783.2	916.1	1037.0	1156.1	1273.8	1387.5	1494.8	1590.8
-15°	317.0	424.7	544.7	673.4	803.7	926.5	1037.0	1145.0	1249.8	1349.3	1442.2
-16.25°	251.7	343.5	448.4	563.0	683.4	803.7	916.1	1016.7	1111.9	1202.5	1288.0
-17.5°	193.9	267.7	356.8	456.3	563.0	673.4	783.2	884.8	976.7	1058.1	1135.4
-18.75°	148.3	201.1	273.0	356.8	448.4	544.7	644.4	742.4	833.6	916.2	987.5
-20°	123.2	150.3	201.1	267.7	343.5	424.7	510.0	597.9	682.1	762.3	834.0
-21.25°	109.0	123.2	148.3	193.9	251.7	317.0	387.8	462.0	533.9	606.3	672.2



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	99.1	108.3	119.7	142.9	179.6	225.4	281.2	341.1	399.6	460.8	516.2
-23.75°	90.0	98.0	105.9	116.1	134.1	158.5	195.5	238.8	284.8	333.1	378.8
-25°	80.8	88.5	95.8	102.9	111.4	121.8	140.0	163.7	194.1	226.9	262.7
-26.25°	72.6	78.8	85.8	92.6	99.0	105.3	113.2	122.5	137.4	152.0	175.6
-27.5°	64.5	70.5	76.3	82.2	88.4	94.2	99.7	104.8	111.2	117.1	126.5
-28.75°	57.1	62.0	67.6	72.9	77.9	83.2	88.4	93.3	97.7	101.8	105.6
-30°	52.9	55.7	58.8	63.9	68.7	73.2	77.4	81.7	86.0	89.8	93.3
-31.25°	48.7	51.4	53.9	56.4	59.4	63.7	67.8	71.5	75.0	78.1	81.1
-32.5°	46.2	47.2	49.4	51.8	54.0	56.1	58.1	61.7	64.9	67.9	70.6
-33.75°	44.6	45.6	46.4	47.2	49.3	51.3	53.1	54.9	56.4	57.9	60.3
-35°	43.2	43.9	44.8	45.5	46.3	47.0	48.2	49.9	51.4	52.8	54.0
-36.25°	42.5	42.9	43.3	43.8	44.5	45.2	45.8	46.4	46.9	47.6	48.8
-37.5°	41.8	42.2	42.5	42.8	43.1	43.4	44.0	44.6	45.1	45.6	46.0
-38.75°	41.3	41.5	41.8	42.1	42.4	42.6	42.9	43.1	43.3	43.7	44.1
-40°	40.8	41.1	41.3	41.5	41.6	41.9	42.1	42.3	42.5	42.7	42.9
-41.25°	40.5	40.6	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	42.0
-42.5°	40.2	40.3	40.4	40.5	40.6	40.8	40.9	41.1	41.2	41.3	41.4
-43.75°	39.9	40.1	40.2	40.3	40.3	40.4	40.5	40.6	40.6	40.8	40.8
-45°	39.4	39.6	39.8	40.0	40.1	40.1	40.2	40.3	40.3	40.4	40.4
-46.25°	39.0	39.1	39.3	39.5	39.6	39.7	39.9	40.0	40.0	40.1	40.1
-47.5°	38.2	38.5	38.7	39.0	39.1	39.2	39.3	39.5	39.6	39.7	39.7
-48.75°	37.5	37.7	38.0	38.2	38.4	38.6	38.8	38.9	39.0	39.1	39.2
-50°	36.7	37.0	37.2	37.4	37.6	37.8	38.0	38.1	38.3	38.4	38.5
-51.25°	36.0	36.2	36.4	36.6	36.8	37.0	37.2	37.3	37.5	37.6	37.7
-52.5°	35.1	35.4	35.6	35.8	36.0	36.2	36.4	36.5	36.6	36.7	36.9
-53.75°	34.1	34.4	34.6	34.9	35.1	35.3	35.5	35.7	35.8	35.9	36.0
-55°	33.0	33.3	33.6	33.8	34.0	34.3	34.4	34.6	34.8	34.9	35.1
-56.25°	31.7	32.0	32.4	32.6	32.9	33.1	33.3	33.5	33.7	33.8	33.9
-57.5°	30.5	30.8	31.1	31.3	31.6	31.8	32.0	32.2	32.4	32.6	32.7
-58.75°	29.2	29.5	29.8	30.0	30.3	30.5	30.7	30.9	31.1	31.2	31.3
-60°	27.9	28.2	28.5	28.7	28.9	29.1	29.3	29.5	29.7	29.8	30.0
-61.25°	26.2	26.6	27.0	27.3	27.6	27.8	28.0	28.2	28.3	28.5	28.6
-62.5°	24.5	24.8	25.1	25.5	25.8	26.0	26.3	26.5	26.7	26.9	27.1
-63.75°	22.7	23.0	23.3	23.6	23.9	24.2	24.4	24.6	24.8	25.0	25.1
-65°	20.8	21.1	21.4	21.7	22.0	22.2	22.5	22.7	22.9	23.1	23.2
-66.25°	19.1	19.3	19.6	19.8	20.1	20.3	20.5	20.7	20.9	21.1	21.2
-67.5°	17.5	17.8	18.0	18.2	18.4	18.6	18.8	18.9	19.1	19.2	19.3
-68.75°	16.0	16.2	16.4	16.6	16.8	17.0	17.1	17.3	17.4	17.5	17.6
-70°	14.7	14.9	15.1	15.2	15.4	15.5	15.6	15.7	15.9	15.9	16.0
-71.25°	13.4	13.6	13.7	13.9	14.0	14.2	14.3	14.4	14.5	14.6	14.6
-72.5°	12.4	12.5	12.7	12.8	12.9	13.0	13.0	13.1	13.2	13.3	13.3
-73.75°	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.2
-75°	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.2	11.2	11.2
-76.25°	10.2	10.3	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6	10.6
-77.5°	9.5	9.6	9.6	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	8.7	8.8	8.8	8.9	8.9	9.0	9.0	9.1	9.1	9.1	9.2
-80°	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2	8.3	8.3
-81.25°	6.8	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.2	7.2	7.2
-82.5°	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
-83.75°	4.7	4.7	4.7	4.8	4.8	4.9	4.9	4.9	4.9	5.0	5.0
-85°	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
-86.25°	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.8
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
86.25°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
83.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.0	5.0	5.0	5.0
82.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
81.25°	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
80°	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
78.75°	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
77.5°	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
76.25°	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
75°	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
73.75°	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
72.5°	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
71.25°	14.7	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8
70°	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.2	16.2
68.75°	17.7	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.9
67.5°	19.4	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.6	19.6
66.25°	21.4	21.5	21.5	21.6	21.7	21.7	21.7	21.7	21.7	21.6	21.5
65°	23.3	23.4	23.5	23.6	23.7	23.7	23.7	23.7	23.7	23.6	23.5
63.75°	25.3	25.4	25.5	25.6	25.6	25.6	25.7	25.6	25.6	25.6	25.5
62.5°	27.2	27.3	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.4
61.25°	28.7	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.9
60°	30.1	30.2	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.3	30.3
58.75°	31.5	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.7	31.7
57.5°	32.9	33.0	33.0	33.1	33.2	33.2	33.2	33.2	33.2	33.1	33.0
56.25°	34.0	34.1	34.2	34.3	34.3	34.3	34.4	34.3	34.3	34.3	34.2
55°	35.2	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.4	35.4
53.75°	36.1	36.2	36.2	36.3	36.3	36.3	36.4	36.3	36.3	36.3	36.2
52.5°	36.9	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.1	37.1
51.25°	37.8	37.9	37.9	38.0	38.0	38.0	38.1	38.0	38.0	38.0	37.9
50°	38.6	38.7	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.8	38.8
48.75°	39.3	39.3	39.4	39.4	39.4	39.4	39.5	39.4	39.4	39.4	39.4
47.5°	39.8	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.9
46.25°	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.2
45°	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.5
43.75°	40.9	41.0	41.0	41.1	41.1	41.1	41.2	41.1	41.1	41.1	41.0
42.5°	41.5	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.6	41.6
41.25°	42.2	42.3	42.4	42.5	42.5	42.5	42.6	42.5	42.5	42.5	42.4
40°	43.0	43.1	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.3	43.2
38.75°	44.4	44.7	44.9	45.1	45.2	45.3	45.4	45.3	45.2	45.1	44.9
37.5°	46.3	46.6	46.9	47.1	47.2	47.3	47.3	47.3	47.2	47.1	46.9
36.25°	49.8	50.7	51.4	51.9	52.3	52.6	52.7	52.6	52.3	51.9	51.4
35°	55.0	55.9	56.7	57.3	57.7	57.9	58.0	57.9	57.7	57.3	56.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	62.5	64.4	65.9	67.1	68.0	68.5	68.7	68.5	68.0	67.1	65.9
32.5°	72.9	74.9	76.5	77.8	78.7	79.2	79.4	79.2	78.7	77.8	76.5
31.25°	84.0	86.4	88.5	90.1	91.2	91.9	92.1	91.9	91.2	90.1	88.5
30°	96.3	98.9	101.0	102.6	103.8	104.6	104.8	104.6	103.8	102.6	101.0
28.75°	110.0	113.8	116.9	119.7	123.6	125.9	126.6	125.9	123.6	119.7	116.9
27.5°	136.6	145.3	154.9	165.8	173.6	178.4	180.0	178.4	173.6	165.8	154.9
26.25°	196.4	216.0	237.1	253.7	265.6	272.8	275.2	272.8	265.6	253.7	237.1
25°	294.2	326.3	353.4	374.6	389.9	399.1	402.2	399.1	389.9	374.6	353.4
23.75°	421.5	461.2	494.1	520.0	540.4	552.9	557.1	552.9	540.4	520.0	494.1
22.5°	569.9	616.8	655.7	687.7	710.9	724.8	729.5	724.8	710.9	687.7	655.7
21.25°	732.8	785.0	827.7	861.0	885.1	899.6	904.5	899.6	885.1	861.0	827.7
20°	896.7	950.0	991.9	1025.0	1048.8	1063.3	1068.1	1063.3	1048.8	1025.0	991.9
18.75°	1049.5	1104.9	1152.0	1189.1	1216.4	1233.2	1238.9	1233.2	1216.4	1189.1	1152.0
17.5°	1204.8	1267.0	1319.0	1360.6	1391.0	1409.5	1415.7	1409.5	1391.0	1360.6	1319.0
16.25°	1364.9	1432.8	1489.7	1533.5	1565.4	1584.7	1591.2	1584.7	1565.4	1533.5	1489.7
15°	1524.4	1595.0	1653.1	1698.1	1731.0	1750.9	1757.6	1750.9	1731.0	1698.1	1653.1
13.75°	1674.9	1747.2	1805.2	1851.1	1884.3	1903.3	1909.7	1903.3	1884.3	1851.1	1805.2
12.5°	1813.5	1886.4	1944.4	1991.1	2023.9	2043.8	2050.6	2043.8	2023.9	1991.1	1944.4
11.25°	1939.1	2012.3	2072.6	2120.2	2153.5	2173.9	2180.8	2173.9	2153.5	2120.2	2072.6
10°	2053.1	2127.8	2189.0	2237.7	2273.4	2295.4	2302.9	2295.4	2273.4	2237.7	2189.0
8.75°	2155.1	2231.3	2296.3	2347.0	2384.8	2406.5	2413.5	2406.5	2384.8	2347.0	2296.3
7.5°	2245.6	2325.5	2393.1	2442.8	2479.8	2501.0	2508.2	2501.0	2479.8	2442.8	2393.1
6.25°	2325.5	2407.1	2473.2	2523.3	2558.4	2578.1	2584.9	2578.1	2558.4	2523.3	2473.2
5°	2393.1	2473.2	2538.7	2585.0	2616.1	2634.4	2640.9	2634.4	2616.1	2585.0	2538.7
3.75°	2442.8	2523.3	2585.0	2628.2	2656.5	2673.3	2677.1	2673.3	2656.5	2628.2	2585.0
2.5°	2479.8	2558.4	2616.1	2656.5	2681.0	2692.6	2695.0	2692.6	2681.0	2656.5	2616.1
1.25°	2501.0	2578.1	2634.4	2673.3	2692.6	2700.9	2705.3	2700.9	2692.6	2673.3	2634.4
0°	2508.2	2584.9	2640.9	2677.1	2695.0	2705.3	2715.3	2705.3	2695.0	2677.1	2640.9
-1.25°	2501.0	2578.1	2634.4	2673.3	2692.6	2700.9	2705.3	2700.9	2692.6	2673.3	2634.4
-2.5°	2479.8	2558.4	2616.1	2656.5	2681.0	2692.6	2695.0	2692.6	2681.0	2656.5	2616.1
-3.75°	2442.8	2523.3	2585.0	2628.2	2656.5	2673.3	2677.1	2673.3	2656.5	2628.2	2585.0
-5°	2393.1	2473.2	2538.7	2585.0	2616.1	2634.4	2640.9	2634.4	2616.1	2585.0	2538.7
-6.25°	2325.5	2407.1	2473.2	2523.3	2558.4	2578.1	2584.9	2578.1	2558.4	2523.3	2473.2
-7.5°	2245.6	2325.5	2393.1	2442.8	2479.8	2501.0	2508.2	2501.0	2479.8	2442.8	2393.1
-8.75°	2155.1	2231.3	2296.3	2347.0	2384.8	2406.5	2413.5	2406.5	2384.8	2347.0	2296.3
-10°	2053.1	2127.8	2189.0	2237.7	2273.4	2295.4	2302.9	2295.4	2273.4	2237.7	2189.0
-11.25°	1939.1	2012.3	2072.6	2120.2	2153.5	2173.9	2180.8	2173.9	2153.5	2120.2	2072.6
-12.5°	1813.5	1886.4	1944.4	1991.1	2023.9	2043.8	2050.6	2043.8	2023.9	1991.1	1944.4
-13.75°	1674.9	1747.2	1805.2	1851.1	1884.3	1903.3	1909.7	1903.3	1884.3	1851.1	1805.2
-15°	1524.4	1595.0	1653.1	1698.1	1731.0	1750.9	1757.6	1750.9	1731.0	1698.1	1653.1
-16.25°	1364.9	1432.8	1489.7	1533.5	1565.4	1584.7	1591.2	1584.7	1565.4	1533.5	1489.7
-17.5°	1204.8	1267.0	1319.0	1360.6	1391.0	1409.5	1415.7	1409.5	1391.0	1360.6	1319.0
-18.75°	1049.5	1104.9	1152.0	1189.1	1216.4	1233.2	1238.9	1233.2	1216.4	1189.1	1152.0
-20°	896.7	950.0	991.9	1025.0	1048.8	1063.3	1068.1	1063.3	1048.8	1025.0	991.9
-21.25°	732.8	785.0	827.7	861.0	885.1	899.6	904.5	899.6	885.1	861.0	827.7



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	569.9	616.8	655.7	687.7	710.9	724.8	729.5	724.8	710.9	687.7	655.7
-23.75°	421.5	461.2	494.1	520.0	540.4	552.9	557.1	552.9	540.4	520.0	494.1
-25°	294.2	326.3	353.4	374.6	389.9	399.1	402.2	399.1	389.9	374.6	353.4
-26.25°	196.4	216.0	237.1	253.7	265.6	272.8	275.2	272.8	265.6	253.7	237.1
-27.5°	136.6	145.3	154.9	165.8	173.6	178.4	180.0	178.4	173.6	165.8	154.9
-28.75°	110.0	113.8	116.9	119.7	123.6	125.9	126.6	125.9	123.6	119.7	116.9
-30°	96.3	98.9	101.0	102.6	103.8	104.6	104.8	104.6	103.8	102.6	101.0
-31.25°	84.0	86.4	88.5	90.1	91.2	91.9	92.1	91.9	91.2	90.1	88.5
-32.5°	72.9	74.9	76.5	77.8	78.7	79.2	79.4	79.2	78.7	77.8	76.5
-33.75°	62.5	64.4	65.9	67.1	68.0	68.5	68.7	68.5	68.0	67.1	65.9
-35°	55.0	55.9	56.7	57.3	57.7	57.9	58.0	57.9	57.7	57.3	56.7
-36.25°	49.8	50.7	51.4	51.9	52.3	52.6	52.7	52.6	52.3	51.9	51.4
-37.5°	46.3	46.6	46.9	47.1	47.2	47.3	47.3	47.3	47.2	47.1	46.9
-38.75°	44.4	44.7	44.9	45.1	45.2	45.3	45.4	45.3	45.2	45.1	44.9
-40°	43.0	43.1	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.3	43.2
-41.25°	42.2	42.3	42.4	42.5	42.5	42.5	42.6	42.5	42.5	42.5	42.4
-42.5°	41.5	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.6	41.6
-43.75°	40.9	41.0	41.0	41.1	41.1	41.1	41.2	41.1	41.1	41.1	41.0
-45°	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.5
-46.25°	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.2
-47.5°	39.8	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.9
-48.75°	39.3	39.3	39.4	39.4	39.4	39.4	39.5	39.4	39.4	39.4	39.4
-50°	38.6	38.7	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.8	38.8
-51.25°	37.8	37.9	37.9	38.0	38.0	38.0	38.1	38.0	38.0	38.0	37.9
-52.5°	36.9	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.1	37.1
-53.75°	36.1	36.2	36.2	36.3	36.3	36.3	36.4	36.3	36.3	36.3	36.2
-55°	35.2	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.4	35.4
-56.25°	34.0	34.1	34.2	34.3	34.3	34.3	34.4	34.3	34.3	34.3	34.2
-57.5°	32.9	33.0	33.0	33.1	33.2	33.2	33.2	33.2	33.2	33.1	33.0
-58.75°	31.5	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.7	31.7
-60°	30.1	30.2	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.3	30.3
-61.25°	28.7	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.9
-62.5°	27.2	27.3	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.4
-63.75°	25.3	25.4	25.5	25.6	25.6	25.6	25.7	25.6	25.6	25.6	25.5
-65°	23.3	23.4	23.5	23.6	23.7	23.7	23.7	23.7	23.7	23.6	23.5
-66.25°	21.4	21.5	21.5	21.6	21.7	21.7	21.7	21.7	21.7	21.6	21.5
-67.5°	19.4	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.6	19.6
-68.75°	17.7	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	17.9	17.9
-70°	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.2	16.2
-71.25°	14.7	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.8
-72.5°	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
-73.75°	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3
-75°	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
-76.25°	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
-77.5°	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
-80°	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
-81.25°	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
-82.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-83.75°	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.0	5.0	5.0	5.0
-85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
-86.25°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6
85°	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7
83.75°	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.7
82.5°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
81.25°	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9
80°	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9
78.75°	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.8
77.5°	10.0	10.0	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.7	9.6
76.25°	10.7	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3
75°	11.3	11.2	11.2	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9
73.75°	12.3	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.6
72.5°	13.4	13.4	13.3	13.3	13.2	13.1	13.0	13.0	12.9	12.8	12.7
71.25°	14.8	14.7	14.6	14.6	14.5	14.4	14.3	14.2	14.0	13.9	13.7
70°	16.2	16.1	16.0	15.9	15.9	15.7	15.6	15.5	15.4	15.2	15.1
68.75°	17.8	17.7	17.6	17.5	17.4	17.3	17.1	17.0	16.8	16.6	16.4
67.5°	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.4	18.2	18.0
66.25°	21.5	21.4	21.2	21.1	20.9	20.7	20.5	20.3	20.1	19.8	19.6
65°	23.4	23.3	23.2	23.1	22.9	22.7	22.5	22.2	22.0	21.7	21.4
63.75°	25.4	25.3	25.1	25.0	24.8	24.6	24.4	24.2	23.9	23.6	23.3
62.5°	27.3	27.2	27.1	26.9	26.7	26.5	26.3	26.0	25.8	25.5	25.1
61.25°	28.8	28.7	28.6	28.5	28.3	28.2	28.0	27.8	27.6	27.3	27.0
60°	30.2	30.1	30.0	29.8	29.7	29.5	29.3	29.1	28.9	28.7	28.5
58.75°	31.6	31.5	31.3	31.2	31.1	30.9	30.7	30.5	30.3	30.0	29.8
57.5°	33.0	32.9	32.7	32.6	32.4	32.2	32.0	31.8	31.6	31.3	31.1
56.25°	34.1	34.0	33.9	33.8	33.7	33.5	33.3	33.1	32.9	32.6	32.4
55°	35.3	35.2	35.1	34.9	34.8	34.6	34.4	34.3	34.0	33.8	33.6
53.75°	36.2	36.1	36.0	35.9	35.8	35.7	35.5	35.3	35.1	34.9	34.6
52.5°	37.0	36.9	36.9	36.7	36.6	36.5	36.4	36.2	36.0	35.8	35.6
51.25°	37.9	37.8	37.7	37.6	37.5	37.3	37.2	37.0	36.8	36.6	36.4
50°	38.7	38.6	38.5	38.4	38.3	38.1	38.0	37.8	37.6	37.4	37.2
48.75°	39.3	39.3	39.2	39.1	39.0	38.9	38.8	38.6	38.4	38.2	38.0
47.5°	39.9	39.8	39.7	39.7	39.6	39.5	39.3	39.2	39.1	39.0	38.7
46.25°	40.2	40.2	40.1	40.1	40.0	40.0	39.9	39.7	39.6	39.5	39.3
45°	40.5	40.5	40.4	40.4	40.3	40.3	40.2	40.1	40.1	40.0	39.8
43.75°	41.0	40.9	40.8	40.8	40.6	40.6	40.5	40.4	40.3	40.3	40.2
42.5°	41.5	41.5	41.4	41.3	41.2	41.1	40.9	40.8	40.6	40.5	40.4
41.25°	42.3	42.2	42.0	41.9	41.7	41.6	41.4	41.3	41.1	41.0	40.8
40°	43.1	43.0	42.9	42.7	42.5	42.3	42.1	41.9	41.6	41.5	41.3
38.75°	44.7	44.4	44.1	43.7	43.3	43.1	42.9	42.6	42.4	42.1	41.8
37.5°	46.6	46.3	46.0	45.6	45.1	44.6	44.0	43.4	43.1	42.8	42.5
36.25°	50.7	49.8	48.8	47.6	46.9	46.4	45.8	45.2	44.5	43.8	43.3
35°	55.9	55.0	54.0	52.8	51.4	49.9	48.2	47.0	46.3	45.5	44.8



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	64.4	62.5	60.3	57.9	56.4	54.9	53.1	51.3	49.3	47.2	46.4
32.5°	74.9	72.9	70.6	67.9	64.9	61.7	58.1	56.1	54.0	51.8	49.4
31.25°	86.4	84.0	81.1	78.1	75.0	71.5	67.8	63.7	59.4	56.4	53.9
30°	98.9	96.3	93.3	89.8	86.0	81.7	77.4	73.2	68.7	63.9	58.8
28.75°	113.8	110.0	105.6	101.8	97.7	93.3	88.4	83.2	77.9	72.9	67.6
27.5°	145.3	136.6	126.5	117.1	111.2	104.8	99.7	94.2	88.4	82.2	76.3
26.25°	216.0	196.4	175.6	152.0	137.4	122.5	113.2	105.3	99.0	92.6	85.8
25°	326.3	294.2	262.7	226.9	194.1	163.7	140.0	121.8	111.4	102.9	95.8
23.75°	461.2	421.5	378.8	333.1	284.8	238.8	195.5	158.5	134.1	116.1	105.9
22.5°	616.8	569.9	516.2	460.8	399.6	341.1	281.2	225.4	179.6	142.9	119.7
21.25°	785.0	732.8	672.2	606.3	533.9	462.0	387.8	317.0	251.7	193.9	148.3
20°	950.0	896.7	834.0	762.3	682.1	597.9	510.0	424.7	343.5	267.7	201.1
18.75°	1104.9	1049.5	987.5	916.2	833.6	742.4	644.4	544.7	448.4	356.8	273.0
17.5°	1267.0	1204.8	1135.4	1058.1	976.7	884.8	783.2	673.4	563.0	456.3	356.8
16.25°	1432.8	1364.9	1288.0	1202.5	1111.9	1016.7	916.1	803.7	683.4	563.0	448.4
15°	1595.0	1524.4	1442.2	1349.3	1249.8	1145.0	1037.0	926.5	803.7	673.4	544.7
13.75°	1747.2	1674.9	1590.8	1494.8	1387.5	1273.8	1156.1	1037.0	916.1	783.2	644.4
12.5°	1886.4	1813.5	1728.8	1631.3	1520.9	1400.3	1273.8	1145.0	1016.7	884.8	742.4
11.25°	2012.3	1939.1	1854.2	1756.4	1644.5	1520.9	1387.5	1249.8	1111.9	976.7	833.6
10°	2127.8	2053.1	1966.2	1867.9	1756.4	1631.3	1494.8	1349.3	1202.5	1058.1	916.2
8.75°	2231.3	2155.1	2066.9	1966.2	1854.2	1728.8	1590.8	1442.2	1288.0	1135.4	987.5
7.5°	2325.5	2245.6	2155.1	2053.1	1939.1	1813.5	1674.9	1524.4	1364.9	1204.8	1049.5
6.25°	2407.1	2325.5	2231.3	2127.8	2012.3	1886.4	1747.2	1595.0	1432.8	1267.0	1104.9
5°	2473.2	2393.1	2296.3	2189.0	2072.6	1944.4	1805.2	1653.1	1489.7	1319.0	1152.0
3.75°	2523.3	2442.8	2347.0	2237.7	2120.2	1991.1	1851.1	1698.1	1533.5	1360.6	1189.1
2.5°	2558.4	2479.8	2384.8	2273.4	2153.5	2023.9	1884.3	1731.0	1565.4	1391.0	1216.4
1.25°	2578.1	2501.0	2406.5	2295.4	2173.9	2043.8	1903.3	1750.9	1584.7	1409.5	1233.2
0°	2584.9	2508.2	2413.5	2302.9	2180.8	2050.6	1909.7	1757.6	1591.2	1415.7	1238.9
-1.25°	2578.1	2501.0	2406.5	2295.4	2173.9	2043.8	1903.3	1750.9	1584.7	1409.5	1233.2
-2.5°	2558.4	2479.8	2384.8	2273.4	2153.5	2023.9	1884.3	1731.0	1565.4	1391.0	1216.4
-3.75°	2523.3	2442.8	2347.0	2237.7	2120.2	1991.1	1851.1	1698.1	1533.5	1360.6	1189.1
-5°	2473.2	2393.1	2296.3	2189.0	2072.6	1944.4	1805.2	1653.1	1489.7	1319.0	1152.0
-6.25°	2407.1	2325.5	2231.3	2127.8	2012.3	1886.4	1747.2	1595.0	1432.8	1267.0	1104.9
-7.5°	2325.5	2245.6	2155.1	2053.1	1939.1	1813.5	1674.9	1524.4	1364.9	1204.8	1049.5
-8.75°	2231.3	2155.1	2066.9	1966.2	1854.2	1728.8	1590.8	1442.2	1288.0	1135.4	987.5
-10°	2127.8	2053.1	1966.2	1867.9	1756.4	1631.3	1494.8	1349.3	1202.5	1058.1	916.2
-11.25°	2012.3	1939.1	1854.2	1756.4	1644.5	1520.9	1387.5	1249.8	1111.9	976.7	833.6
-12.5°	1886.4	1813.5	1728.8	1631.3	1520.9	1400.3	1273.8	1145.0	1016.7	884.8	742.4
-13.75°	1747.2	1674.9	1590.8	1494.8	1387.5	1273.8	1156.1	1037.0	916.1	783.2	644.4
-15°	1595.0	1524.4	1442.2	1349.3	1249.8	1145.0	1037.0	926.5	803.7	673.4	544.7
-16.25°	1432.8	1364.9	1288.0	1202.5	1111.9	1016.7	916.1	803.7	683.4	563.0	448.4
-17.5°	1267.0	1204.8	1135.4	1058.1	976.7	884.8	783.2	673.4	563.0	456.3	356.8
-18.75°	1104.9	1049.5	987.5	916.2	833.6	742.4	644.4	544.7	448.4	356.8	273.0
-20°	950.0	896.7	834.0	762.3	682.1	597.9	510.0	424.7	343.5	267.7	201.1
-21.25°	785.0	732.8	672.2	606.3	533.9	462.0	387.8	317.0	251.7	193.9	148.3



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	616.8	569.9	516.2	460.8	399.6	341.1	281.2	225.4	179.6	142.9	119.7
-23.75°	461.2	421.5	378.8	333.1	284.8	238.8	195.5	158.5	134.1	116.1	105.9
-25°	326.3	294.2	262.7	226.9	194.1	163.7	140.0	121.8	111.4	102.9	95.8
-26.25°	216.0	196.4	175.6	152.0	137.4	122.5	113.2	105.3	99.0	92.6	85.8
-27.5°	145.3	136.6	126.5	117.1	111.2	104.8	99.7	94.2	88.4	82.2	76.3
-28.75°	113.8	110.0	105.6	101.8	97.7	93.3	88.4	83.2	77.9	72.9	67.6
-30°	98.9	96.3	93.3	89.8	86.0	81.7	77.4	73.2	68.7	63.9	58.8
-31.25°	86.4	84.0	81.1	78.1	75.0	71.5	67.8	63.7	59.4	56.4	53.9
-32.5°	74.9	72.9	70.6	67.9	64.9	61.7	58.1	56.1	54.0	51.8	49.4
-33.75°	64.4	62.5	60.3	57.9	56.4	54.9	53.1	51.3	49.3	47.2	46.4
-35°	55.9	55.0	54.0	52.8	51.4	49.9	48.2	47.0	46.3	45.5	44.8
-36.25°	50.7	49.8	48.8	47.6	46.9	46.4	45.8	45.2	44.5	43.8	43.3
-37.5°	46.6	46.3	46.0	45.6	45.1	44.6	44.0	43.4	43.1	42.8	42.5
-38.75°	44.7	44.4	44.1	43.7	43.3	43.1	42.9	42.6	42.4	42.1	41.8
-40°	43.1	43.0	42.9	42.7	42.5	42.3	42.1	41.9	41.6	41.5	41.3
-41.25°	42.3	42.2	42.0	41.9	41.7	41.6	41.4	41.3	41.1	41.0	40.8
-42.5°	41.5	41.5	41.4	41.3	41.2	41.1	40.9	40.8	40.6	40.5	40.4
-43.75°	41.0	40.9	40.8	40.8	40.6	40.6	40.5	40.4	40.3	40.3	40.2
-45°	40.5	40.5	40.4	40.4	40.3	40.3	40.2	40.1	40.1	40.0	39.8
-46.25°	40.2	40.2	40.1	40.1	40.0	40.0	39.9	39.7	39.6	39.5	39.3
-47.5°	39.9	39.8	39.7	39.7	39.6	39.5	39.3	39.2	39.1	39.0	38.7
-48.75°	39.3	39.3	39.2	39.1	39.0	38.9	38.8	38.6	38.4	38.2	38.0
-50°	38.7	38.6	38.5	38.4	38.3	38.1	38.0	37.8	37.6	37.4	37.2
-51.25°	37.9	37.8	37.7	37.6	37.5	37.3	37.2	37.0	36.8	36.6	36.4
-52.5°	37.0	36.9	36.9	36.7	36.6	36.5	36.4	36.2	36.0	35.8	35.6
-53.75°	36.2	36.1	36.0	35.9	35.8	35.7	35.5	35.3	35.1	34.9	34.6
-55°	35.3	35.2	35.1	34.9	34.8	34.6	34.4	34.3	34.0	33.8	33.6
-56.25°	34.1	34.0	33.9	33.8	33.7	33.5	33.3	33.1	32.9	32.6	32.4
-57.5°	33.0	32.9	32.7	32.6	32.4	32.2	32.0	31.8	31.6	31.3	31.1
-58.75°	31.6	31.5	31.3	31.2	31.1	30.9	30.7	30.5	30.3	30.0	29.8
-60°	30.2	30.1	30.0	29.8	29.7	29.5	29.3	29.1	28.9	28.7	28.5
-61.25°	28.8	28.7	28.6	28.5	28.3	28.2	28.0	27.8	27.6	27.3	27.0
-62.5°	27.3	27.2	27.1	26.9	26.7	26.5	26.3	26.0	25.8	25.5	25.1
-63.75°	25.4	25.3	25.1	25.0	24.8	24.6	24.4	24.2	23.9	23.6	23.3
-65°	23.4	23.3	23.2	23.1	22.9	22.7	22.5	22.2	22.0	21.7	21.4
-66.25°	21.5	21.4	21.2	21.1	20.9	20.7	20.5	20.3	20.1	19.8	19.6
-67.5°	19.5	19.4	19.3	19.2	19.1	18.9	18.8	18.6	18.4	18.2	18.0
-68.75°	17.8	17.7	17.6	17.5	17.4	17.3	17.1	17.0	16.8	16.6	16.4
-70°	16.2	16.1	16.0	15.9	15.9	15.7	15.6	15.5	15.4	15.2	15.1
-71.25°	14.8	14.7	14.6	14.6	14.5	14.4	14.3	14.2	14.0	13.9	13.7
-72.5°	13.4	13.4	13.3	13.3	13.2	13.1	13.0	13.0	12.9	12.8	12.7
-73.75°	12.3	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.8	11.7	11.6
-75°	11.3	11.2	11.2	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9
-76.25°	10.7	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3
-77.5°	10.0	10.0	10.0	10.0	9.9	9.9	9.9	9.8	9.8	9.7	9.6



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	9.2	9.2	9.2	9.1	9.1	9.1	9.0	9.0	8.9	8.9	8.8
-80°	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.1	8.0	8.0	7.9
-81.25°	7.3	7.2	7.2	7.2	7.2	7.1	7.1	7.0	7.0	6.9	6.9
-82.5°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
-83.75°	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.7
-85°	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7
-86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
86.25°	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3
85°	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2
83.75°	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.1
82.5°	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1
81.25°	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.3	6.2	6.1
80°	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0
78.75°	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.0	7.9
77.5°	9.6	9.5	9.4	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.8
76.25°	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.6	9.5
75°	10.9	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.2
73.75°	11.5	11.4	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.7
72.5°	12.5	12.4	12.3	12.2	12.0	11.9	11.7	11.6	11.4	11.3	11.2
71.25°	13.6	13.4	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.1	11.9
70°	14.9	14.7	14.5	14.3	14.1	13.9	13.7	13.5	13.3	13.1	12.9
68.75°	16.2	16.0	15.8	15.6	15.4	15.1	14.9	14.7	14.4	14.1	13.8
67.5°	17.8	17.5	17.3	17.0	16.7	16.4	16.1	15.9	15.6	15.3	15.0
66.25°	19.3	19.1	18.8	18.5	18.2	17.9	17.6	17.2	16.9	16.5	16.1
65°	21.1	20.8	20.5	20.1	19.7	19.4	19.0	18.7	18.3	17.9	17.5
63.75°	23.0	22.7	22.3	21.9	21.5	21.1	20.7	20.2	19.7	19.3	18.9
62.5°	24.8	24.5	24.1	23.7	23.3	22.8	22.4	21.9	21.4	20.9	20.4
61.25°	26.6	26.2	25.9	25.4	25.0	24.6	24.1	23.6	23.1	22.5	22.0
60°	28.2	27.9	27.6	27.2	26.7	26.3	25.8	25.3	24.7	24.2	23.6
58.75°	29.5	29.2	28.9	28.6	28.2	27.9	27.4	26.9	26.3	25.8	25.2
57.5°	30.8	30.5	30.1	29.8	29.4	29.1	28.7	28.3	27.9	27.4	26.7
56.25°	32.0	31.7	31.4	31.0	30.7	30.3	29.9	29.4	29.0	28.6	28.1
55°	33.3	33.0	32.6	32.3	31.9	31.5	31.1	30.6	30.2	29.7	29.2
53.75°	34.4	34.1	33.8	33.4	33.1	32.7	32.2	31.8	31.3	30.8	30.3
52.5°	35.4	35.1	34.8	34.5	34.1	33.7	33.4	32.9	32.4	31.9	31.4
51.25°	36.2	36.0	35.7	35.5	35.1	34.7	34.3	33.9	33.5	33.0	32.5
50°	37.0	36.7	36.5	36.2	35.9	35.6	35.3	34.9	34.4	34.0	33.5
48.75°	37.7	37.5	37.2	36.9	36.7	36.4	36.0	35.7	35.3	34.9	34.4
47.5°	38.5	38.2	38.0	37.7	37.4	37.1	36.7	36.4	36.0	35.7	35.3
46.25°	39.1	39.0	38.7	38.4	38.1	37.8	37.4	37.1	36.7	36.3	36.0
45°	39.6	39.4	39.2	39.0	38.8	38.5	38.1	37.8	37.4	37.0	36.6
43.75°	40.1	39.9	39.7	39.5	39.3	39.1	38.8	38.4	38.0	37.6	37.2
42.5°	40.3	40.2	40.1	40.0	39.7	39.5	39.3	39.0	38.7	38.3	37.8
41.25°	40.6	40.5	40.4	40.2	40.1	40.0	39.7	39.4	39.2	38.9	38.5
40°	41.1	40.8	40.6	40.5	40.4	40.2	40.1	39.9	39.6	39.3	39.0
38.75°	41.5	41.3	41.1	40.8	40.6	40.5	40.3	40.2	40.0	39.7	39.4
37.5°	42.2	41.8	41.5	41.3	41.0	40.8	40.5	40.4	40.2	40.0	39.8
36.25°	42.9	42.5	42.2	41.8	41.5	41.2	40.9	40.6	40.4	40.3	40.1
35°	43.9	43.2	42.8	42.4	42.0	41.6	41.3	41.0	40.7	40.5	40.3



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
33.75°	45.6	44.6	43.7	43.1	42.7	42.2	41.7	41.4	41.1	40.7	40.5
32.5°	47.2	46.2	45.3	44.2	43.3	42.8	42.3	41.8	41.4	41.1	40.8
31.25°	51.4	48.7	46.8	45.7	44.6	43.5	42.9	42.4	41.9	41.5	41.1
30°	55.7	52.9	50.0	47.2	46.1	44.9	43.7	43.0	42.4	41.9	41.4
28.75°	62.0	57.1	54.1	51.0	47.8	46.3	45.0	43.8	43.0	42.4	41.8
27.5°	70.5	64.5	58.3	54.9	51.6	48.2	46.3	45.0	43.7	42.9	42.3
26.25°	78.8	72.6	66.2	59.5	55.3	51.8	48.2	46.3	44.9	43.5	42.8
25°	88.5	80.8	73.9	67.0	59.9	55.3	51.6	47.8	46.1	44.6	43.3
23.75°	98.0	90.0	81.8	74.3	67.0	59.5	54.9	51.0	47.2	45.7	44.2
22.5°	108.3	99.1	90.6	81.8	73.9	66.2	58.3	54.1	50.0	46.8	45.3
21.25°	123.2	109.0	99.1	90.0	80.8	72.6	64.5	57.1	52.9	48.7	46.2
20°	150.3	123.2	108.3	98.0	88.5	78.8	70.5	62.0	55.7	51.4	47.2
18.75°	201.1	148.3	119.7	105.9	95.8	85.8	76.3	67.6	58.8	53.9	49.4
17.5°	267.7	193.9	142.9	116.1	102.9	92.6	82.2	72.9	63.9	56.4	51.8
16.25°	343.5	251.7	179.6	134.1	111.4	99.0	88.4	77.9	68.7	59.4	54.0
15°	424.7	317.0	225.4	158.5	121.8	105.3	94.2	83.2	73.2	63.7	56.1
13.75°	510.0	387.8	281.2	195.5	140.0	113.2	99.7	88.4	77.4	67.8	58.1
12.5°	597.9	462.0	341.1	238.8	163.7	122.5	104.8	93.3	81.7	71.5	61.7
11.25°	682.1	533.9	399.6	284.8	194.1	137.4	111.2	97.7	86.0	75.0	64.9
10°	762.3	606.3	460.8	333.1	226.9	152.0	117.1	101.8	89.8	78.1	67.9
8.75°	834.0	672.2	516.2	378.8	262.7	175.6	126.5	105.6	93.3	81.1	70.6
7.5°	896.7	732.8	569.9	421.5	294.2	196.4	136.6	110.0	96.3	84.0	72.9
6.25°	950.0	785.0	616.8	461.2	326.3	216.0	145.3	113.8	98.9	86.4	74.9
5°	991.9	827.7	655.7	494.1	353.4	237.1	154.9	116.9	101.0	88.5	76.5
3.75°	1025.0	861.0	687.7	520.0	374.6	253.7	165.8	119.7	102.6	90.1	77.8
2.5°	1048.8	885.1	710.9	540.4	389.9	265.6	173.6	123.6	103.8	91.2	78.7
1.25°	1063.3	899.6	724.8	552.9	399.1	272.8	178.4	125.9	104.6	91.9	79.2
0°	1068.1	904.5	729.5	557.1	402.2	275.2	180.0	126.6	104.8	92.1	79.4
-1.25°	1063.3	899.6	724.8	552.9	399.1	272.8	178.4	125.9	104.6	91.9	79.2
-2.5°	1048.8	885.1	710.9	540.4	389.9	265.6	173.6	123.6	103.8	91.2	78.7
-3.75°	1025.0	861.0	687.7	520.0	374.6	253.7	165.8	119.7	102.6	90.1	77.8
-5°	991.9	827.7	655.7	494.1	353.4	237.1	154.9	116.9	101.0	88.5	76.5
-6.25°	950.0	785.0	616.8	461.2	326.3	216.0	145.3	113.8	98.9	86.4	74.9
-7.5°	896.7	732.8	569.9	421.5	294.2	196.4	136.6	110.0	96.3	84.0	72.9
-8.75°	834.0	672.2	516.2	378.8	262.7	175.6	126.5	105.6	93.3	81.1	70.6
-10°	762.3	606.3	460.8	333.1	226.9	152.0	117.1	101.8	89.8	78.1	67.9
-11.25°	682.1	533.9	399.6	284.8	194.1	137.4	111.2	97.7	86.0	75.0	64.9
-12.5°	597.9	462.0	341.1	238.8	163.7	122.5	104.8	93.3	81.7	71.5	61.7
-13.75°	510.0	387.8	281.2	195.5	140.0	113.2	99.7	88.4	77.4	67.8	58.1
-15°	424.7	317.0	225.4	158.5	121.8	105.3	94.2	83.2	73.2	63.7	56.1
-16.25°	343.5	251.7	179.6	134.1	111.4	99.0	88.4	77.9	68.7	59.4	54.0
-17.5°	267.7	193.9	142.9	116.1	102.9	92.6	82.2	72.9	63.9	56.4	51.8
-18.75°	201.1	148.3	119.7	105.9	95.8	85.8	76.3	67.6	58.8	53.9	49.4
-20°	150.3	123.2	108.3	98.0	88.5	78.8	70.5	62.0	55.7	51.4	47.2
-21.25°	123.2	109.0	99.1	90.0	80.8	72.6	64.5	57.1	52.9	48.7	46.2



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-22.5°	108.3	99.1	90.6	81.8	73.9	66.2	58.3	54.1	50.0	46.8	45.3
-23.75°	98.0	90.0	81.8	74.3	67.0	59.5	54.9	51.0	47.2	45.7	44.2
-25°	88.5	80.8	73.9	67.0	59.9	55.3	51.6	47.8	46.1	44.6	43.3
-26.25°	78.8	72.6	66.2	59.5	55.3	51.8	48.2	46.3	44.9	43.5	42.8
-27.5°	70.5	64.5	58.3	54.9	51.6	48.2	46.3	45.0	43.7	42.9	42.3
-28.75°	62.0	57.1	54.1	51.0	47.8	46.3	45.0	43.8	43.0	42.4	41.8
-30°	55.7	52.9	50.0	47.2	46.1	44.9	43.7	43.0	42.4	41.9	41.4
-31.25°	51.4	48.7	46.8	45.7	44.6	43.5	42.9	42.4	41.9	41.5	41.1
-32.5°	47.2	46.2	45.3	44.2	43.3	42.8	42.3	41.8	41.4	41.1	40.8
-33.75°	45.6	44.6	43.7	43.1	42.7	42.2	41.7	41.4	41.1	40.7	40.5
-35°	43.9	43.2	42.8	42.4	42.0	41.6	41.3	41.0	40.7	40.5	40.3
-36.25°	42.9	42.5	42.2	41.8	41.5	41.2	40.9	40.6	40.4	40.3	40.1
-37.5°	42.2	41.8	41.5	41.3	41.0	40.8	40.5	40.4	40.2	40.0	39.8
-38.75°	41.5	41.3	41.1	40.8	40.6	40.5	40.3	40.2	40.0	39.7	39.4
-40°	41.1	40.8	40.6	40.5	40.4	40.2	40.1	39.9	39.6	39.3	39.0
-41.25°	40.6	40.5	40.4	40.2	40.1	40.0	39.7	39.4	39.2	38.9	38.5
-42.5°	40.3	40.2	40.1	40.0	39.7	39.5	39.3	39.0	38.7	38.3	37.8
-43.75°	40.1	39.9	39.7	39.5	39.3	39.1	38.8	38.4	38.0	37.6	37.2
-45°	39.6	39.4	39.2	39.0	38.8	38.5	38.1	37.8	37.4	37.0	36.6
-46.25°	39.1	39.0	38.7	38.4	38.1	37.8	37.4	37.1	36.7	36.3	36.0
-47.5°	38.5	38.2	38.0	37.7	37.4	37.1	36.7	36.4	36.0	35.7	35.3
-48.75°	37.7	37.5	37.2	36.9	36.7	36.4	36.0	35.7	35.3	34.9	34.4
-50°	37.0	36.7	36.5	36.2	35.9	35.6	35.3	34.9	34.4	34.0	33.5
-51.25°	36.2	36.0	35.7	35.5	35.1	34.7	34.3	33.9	33.5	33.0	32.5
-52.5°	35.4	35.1	34.8	34.5	34.1	33.7	33.4	32.9	32.4	31.9	31.4
-53.75°	34.4	34.1	33.8	33.4	33.1	32.7	32.2	31.8	31.3	30.8	30.3
-55°	33.3	33.0	32.6	32.3	31.9	31.5	31.1	30.6	30.2	29.7	29.2
-56.25°	32.0	31.7	31.4	31.0	30.7	30.3	29.9	29.4	29.0	28.6	28.1
-57.5°	30.8	30.5	30.1	29.8	29.4	29.1	28.7	28.3	27.9	27.4	26.7
-58.75°	29.5	29.2	28.9	28.6	28.2	27.9	27.4	26.9	26.3	25.8	25.2
-60°	28.2	27.9	27.6	27.2	26.7	26.3	25.8	25.3	24.7	24.2	23.6
-61.25°	26.6	26.2	25.9	25.4	25.0	24.6	24.1	23.6	23.1	22.5	22.0
-62.5°	24.8	24.5	24.1	23.7	23.3	22.8	22.4	21.9	21.4	20.9	20.4
-63.75°	23.0	22.7	22.3	21.9	21.5	21.1	20.7	20.2	19.7	19.3	18.9
-65°	21.1	20.8	20.5	20.1	19.7	19.4	19.0	18.7	18.3	17.9	17.5
-66.25°	19.3	19.1	18.8	18.5	18.2	17.9	17.6	17.2	16.9	16.5	16.1
-67.5°	17.8	17.5	17.3	17.0	16.7	16.4	16.1	15.9	15.6	15.3	15.0
-68.75°	16.2	16.0	15.8	15.6	15.4	15.1	14.9	14.7	14.4	14.1	13.8
-70°	14.9	14.7	14.5	14.3	14.1	13.9	13.7	13.5	13.3	13.1	12.9
-71.25°	13.6	13.4	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.1	11.9
-72.5°	12.5	12.4	12.3	12.2	12.0	11.9	11.7	11.6	11.4	11.3	11.2
-73.75°	11.5	11.4	11.3	11.2	11.2	11.1	11.0	10.9	10.8	10.7	10.7
-75°	10.9	10.8	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.2	10.2
-76.25°	10.3	10.2	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.6	9.5
-77.5°	9.6	9.5	9.4	9.4	9.3	9.2	9.1	9.0	8.9	8.9	8.8



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-78.75°	8.8	8.7	8.7	8.6	8.5	8.5	8.4	8.3	8.2	8.0	7.9
-80°	7.9	7.8	7.7	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0
-81.25°	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.3	6.2	6.1
-82.5°	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2	5.1
-83.75°	4.7	4.7	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.1
-85°	3.6	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2
-86.25°	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3
-87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
86.25°	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8
85°	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
83.75°	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3
82.5°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
81.25°	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9
80°	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9	5.8	5.6
78.75°	7.8	7.7	7.6	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.4
77.5°	8.6	8.5	8.4	8.3	8.2	8.0	7.8	7.7	7.5	7.3	7.2
76.25°	9.4	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.3	8.1	7.9
75°	10.1	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.8	8.6
73.75°	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.7	9.5	9.4	9.2
72.5°	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.2	10.1	9.9	9.8
71.25°	11.7	11.5	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4	10.3
70°	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.1	11.0	10.8	10.7
68.75°	13.5	13.3	13.1	12.8	12.5	12.3	12.0	11.7	11.5	11.2	11.1
67.5°	14.7	14.4	14.0	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.6
66.25°	15.8	15.5	15.1	14.8	14.4	14.0	13.6	13.3	13.0	12.7	12.3
65°	17.1	16.6	16.2	15.8	15.5	15.1	14.6	14.2	13.8	13.4	13.1
63.75°	18.4	18.0	17.5	17.0	16.5	16.1	15.7	15.2	14.8	14.3	13.8
62.5°	19.8	19.3	18.8	18.3	17.8	17.3	16.7	16.2	15.7	15.2	14.8
61.25°	21.4	20.8	20.2	19.6	19.1	18.5	17.9	17.3	16.8	16.2	15.7
60°	23.0	22.4	21.7	21.1	20.4	19.7	19.1	18.5	17.9	17.3	16.6
58.75°	24.6	23.9	23.3	22.6	21.9	21.2	20.4	19.7	19.0	18.4	17.7
57.5°	26.1	25.4	24.8	24.1	23.3	22.6	21.8	21.0	20.2	19.5	18.8
56.25°	27.6	26.9	26.2	25.5	24.8	24.0	23.2	22.4	21.6	20.7	19.8
55°	28.7	28.2	27.7	26.9	26.2	25.4	24.6	23.7	22.9	22.0	21.1
53.75°	29.8	29.2	28.7	28.1	27.5	26.7	25.9	25.0	24.1	23.2	22.3
52.5°	30.9	30.3	29.7	29.1	28.5	27.9	27.2	26.3	25.4	24.5	23.5
51.25°	31.9	31.3	30.8	30.1	29.5	28.9	28.2	27.6	26.6	25.7	24.7
50°	33.0	32.4	31.8	31.1	30.5	29.8	29.2	28.5	27.8	26.9	25.9
48.75°	33.9	33.4	32.8	32.1	31.5	30.8	30.1	29.4	28.7	27.9	27.0
47.5°	34.7	34.2	33.7	33.1	32.4	31.7	31.0	30.3	29.5	28.8	28.0
46.25°	35.6	35.0	34.5	33.9	33.3	32.6	31.9	31.1	30.4	29.6	28.8
45°	36.2	35.8	35.3	34.7	34.1	33.5	32.8	32.0	31.2	30.4	29.6
43.75°	36.8	36.4	35.9	35.5	34.8	34.2	33.6	32.8	32.0	31.2	30.4
42.5°	37.4	37.0	36.5	36.0	35.6	34.9	34.3	33.6	32.8	32.0	31.1
41.25°	38.0	37.6	37.1	36.6	36.1	35.6	35.0	34.3	33.6	32.8	31.9
40°	38.6	38.1	37.6	37.2	36.6	36.1	35.6	34.9	34.2	33.5	32.6
38.75°	39.1	38.7	38.2	37.7	37.2	36.6	36.1	35.6	34.8	34.1	33.3
37.5°	39.5	39.1	38.7	38.2	37.7	37.2	36.6	36.0	35.5	34.7	33.9
36.25°	39.8	39.5	39.2	38.7	38.2	37.6	37.1	36.5	35.9	35.3	34.5
35°	40.1	39.8	39.5	39.1	38.7	38.1	37.6	37.0	36.4	35.8	35.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
33.75°	40.3	40.1	39.8	39.5	39.1	38.6	38.0	37.4	36.8	36.2	35.6
32.5°	40.5	40.3	40.1	39.8	39.4	39.0	38.5	37.8	37.2	36.6	36.0
31.25°	40.7	40.5	40.3	40.0	39.7	39.3	38.9	38.3	37.6	37.0	36.3
30°	41.1	40.7	40.4	40.2	40.0	39.6	39.2	38.7	38.0	37.4	36.7
28.75°	41.4	41.0	40.6	40.4	40.2	39.9	39.4	39.0	38.4	37.8	37.1
27.5°	41.7	41.3	40.9	40.5	40.3	40.1	39.7	39.3	38.8	38.1	37.4
26.25°	42.2	41.6	41.2	40.8	40.5	40.2	40.0	39.5	39.1	38.5	37.8
25°	42.7	42.0	41.5	41.0	40.6	40.4	40.1	39.7	39.3	38.8	38.1
23.75°	43.1	42.4	41.8	41.3	40.8	40.5	40.2	40.0	39.5	39.0	38.4
22.5°	43.7	42.8	42.2	41.5	41.1	40.6	40.4	40.1	39.7	39.2	38.7
21.25°	44.6	43.2	42.5	41.8	41.3	40.8	40.5	40.2	39.9	39.4	39.0
20°	45.6	43.9	42.9	42.2	41.5	41.1	40.6	40.3	40.1	39.6	39.1
18.75°	46.4	44.8	43.3	42.5	41.8	41.3	40.8	40.4	40.2	39.8	39.3
17.5°	47.2	45.5	43.8	42.8	42.1	41.5	41.0	40.5	40.3	40.0	39.5
16.25°	49.3	46.3	44.5	43.1	42.4	41.6	41.1	40.6	40.3	40.1	39.6
15°	51.3	47.0	45.2	43.4	42.6	41.9	41.3	40.8	40.4	40.1	39.7
13.75°	53.1	48.2	45.8	44.0	42.9	42.1	41.4	40.9	40.5	40.2	39.9
12.5°	54.9	49.9	46.4	44.6	43.1	42.3	41.6	41.1	40.6	40.3	40.0
11.25°	56.4	51.4	46.9	45.1	43.3	42.5	41.7	41.2	40.6	40.3	40.0
10°	57.9	52.8	47.6	45.6	43.7	42.7	41.9	41.3	40.8	40.4	40.1
8.75°	60.3	54.0	48.8	46.0	44.1	42.9	42.0	41.4	40.8	40.4	40.1
7.5°	62.5	55.0	49.8	46.3	44.4	43.0	42.2	41.5	40.9	40.5	40.2
6.25°	64.4	55.9	50.7	46.6	44.7	43.1	42.3	41.5	41.0	40.5	40.2
5°	65.9	56.7	51.4	46.9	44.9	43.2	42.4	41.6	41.0	40.5	40.2
3.75°	67.1	57.3	51.9	47.1	45.1	43.3	42.5	41.6	41.1	40.6	40.3
2.5°	68.0	57.7	52.3	47.2	45.2	43.4	42.5	41.7	41.1	40.6	40.3
1.25°	68.5	57.9	52.6	47.3	45.3	43.4	42.5	41.7	41.1	40.6	40.3
0°	68.7	58.0	52.7	47.3	45.4	43.4	42.6	41.7	41.2	40.6	40.3
-1.25°	68.5	57.9	52.6	47.3	45.3	43.4	42.5	41.7	41.1	40.6	40.3
-2.5°	68.0	57.7	52.3	47.2	45.2	43.4	42.5	41.7	41.1	40.6	40.3
-3.75°	67.1	57.3	51.9	47.1	45.1	43.3	42.5	41.6	41.1	40.6	40.3
-5°	65.9	56.7	51.4	46.9	44.9	43.2	42.4	41.6	41.0	40.5	40.2
-6.25°	64.4	55.9	50.7	46.6	44.7	43.1	42.3	41.5	41.0	40.5	40.2
-7.5°	62.5	55.0	49.8	46.3	44.4	43.0	42.2	41.5	40.9	40.5	40.2
-8.75°	60.3	54.0	48.8	46.0	44.1	42.9	42.0	41.4	40.8	40.4	40.1
-10°	57.9	52.8	47.6	45.6	43.7	42.7	41.9	41.3	40.8	40.4	40.1
-11.25°	56.4	51.4	46.9	45.1	43.3	42.5	41.7	41.2	40.6	40.3	40.0
-12.5°	54.9	49.9	46.4	44.6	43.1	42.3	41.6	41.1	40.6	40.3	40.0
-13.75°	53.1	48.2	45.8	44.0	42.9	42.1	41.4	40.9	40.5	40.2	39.9
-15°	51.3	47.0	45.2	43.4	42.6	41.9	41.3	40.8	40.4	40.1	39.7
-16.25°	49.3	46.3	44.5	43.1	42.4	41.6	41.1	40.6	40.3	40.1	39.6
-17.5°	47.2	45.5	43.8	42.8	42.1	41.5	41.0	40.5	40.3	40.0	39.5
-18.75°	46.4	44.8	43.3	42.5	41.8	41.3	40.8	40.4	40.2	39.8	39.3
-20°	45.6	43.9	42.9	42.2	41.5	41.1	40.6	40.3	40.1	39.6	39.1
-21.25°	44.6	43.2	42.5	41.8	41.3	40.8	40.5	40.2	39.9	39.4	39.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-22.5°	43.7	42.8	42.2	41.5	41.1	40.6	40.4	40.1	39.7	39.2	38.7
-23.75°	43.1	42.4	41.8	41.3	40.8	40.5	40.2	40.0	39.5	39.0	38.4
-25°	42.7	42.0	41.5	41.0	40.6	40.4	40.1	39.7	39.3	38.8	38.1
-26.25°	42.2	41.6	41.2	40.8	40.5	40.2	40.0	39.5	39.1	38.5	37.8
-27.5°	41.7	41.3	40.9	40.5	40.3	40.1	39.7	39.3	38.8	38.1	37.4
-28.75°	41.4	41.0	40.6	40.4	40.2	39.9	39.4	39.0	38.4	37.8	37.1
-30°	41.1	40.7	40.4	40.2	40.0	39.6	39.2	38.7	38.0	37.4	36.7
-31.25°	40.7	40.5	40.3	40.0	39.7	39.3	38.9	38.3	37.6	37.0	36.3
-32.5°	40.5	40.3	40.1	39.8	39.4	39.0	38.5	37.8	37.2	36.6	36.0
-33.75°	40.3	40.1	39.8	39.5	39.1	38.6	38.0	37.4	36.8	36.2	35.6
-35°	40.1	39.8	39.5	39.1	38.7	38.1	37.6	37.0	36.4	35.8	35.0
-36.25°	39.8	39.5	39.2	38.7	38.2	37.6	37.1	36.5	35.9	35.3	34.5
-37.5°	39.5	39.1	38.7	38.2	37.7	37.2	36.6	36.0	35.5	34.7	33.9
-38.75°	39.1	38.7	38.2	37.7	37.2	36.6	36.1	35.6	34.8	34.1	33.3
-40°	38.6	38.1	37.6	37.2	36.6	36.1	35.6	34.9	34.2	33.5	32.6
-41.25°	38.0	37.6	37.1	36.6	36.1	35.6	35.0	34.3	33.6	32.8	31.9
-42.5°	37.4	37.0	36.5	36.0	35.6	34.9	34.3	33.6	32.8	32.0	31.1
-43.75°	36.8	36.4	35.9	35.5	34.8	34.2	33.6	32.8	32.0	31.2	30.4
-45°	36.2	35.8	35.3	34.7	34.1	33.5	32.8	32.0	31.2	30.4	29.6
-46.25°	35.6	35.0	34.5	33.9	33.3	32.6	31.9	31.1	30.4	29.6	28.8
-47.5°	34.7	34.2	33.7	33.1	32.4	31.7	31.0	30.3	29.5	28.8	28.0
-48.75°	33.9	33.4	32.8	32.1	31.5	30.8	30.1	29.4	28.7	27.9	27.0
-50°	33.0	32.4	31.8	31.1	30.5	29.8	29.2	28.5	27.8	26.9	25.9
-51.25°	31.9	31.3	30.8	30.1	29.5	28.9	28.2	27.6	26.6	25.7	24.7
-52.5°	30.9	30.3	29.7	29.1	28.5	27.9	27.2	26.3	25.4	24.5	23.5
-53.75°	29.8	29.2	28.7	28.1	27.5	26.7	25.9	25.0	24.1	23.2	22.3
-55°	28.7	28.2	27.7	26.9	26.2	25.4	24.6	23.7	22.9	22.0	21.1
-56.25°	27.6	26.9	26.2	25.5	24.8	24.0	23.2	22.4	21.6	20.7	19.8
-57.5°	26.1	25.4	24.8	24.1	23.3	22.6	21.8	21.0	20.2	19.5	18.8
-58.75°	24.6	23.9	23.3	22.6	21.9	21.2	20.4	19.7	19.0	18.4	17.7
-60°	23.0	22.4	21.7	21.1	20.4	19.7	19.1	18.5	17.9	17.3	16.6
-61.25°	21.4	20.8	20.2	19.6	19.1	18.5	17.9	17.3	16.8	16.2	15.7
-62.5°	19.8	19.3	18.8	18.3	17.8	17.3	16.7	16.2	15.7	15.2	14.8
-63.75°	18.4	18.0	17.5	17.0	16.5	16.1	15.7	15.2	14.8	14.3	13.8
-65°	17.1	16.6	16.2	15.8	15.5	15.1	14.6	14.2	13.8	13.4	13.1
-66.25°	15.8	15.5	15.1	14.8	14.4	14.0	13.6	13.3	13.0	12.7	12.3
-67.5°	14.7	14.4	14.0	13.7	13.4	13.1	12.8	12.5	12.2	11.9	11.6
-68.75°	13.5	13.3	13.1	12.8	12.5	12.3	12.0	11.7	11.5	11.2	11.1
-70°	12.6	12.4	12.2	12.0	11.7	11.5	11.3	11.1	11.0	10.8	10.7
-71.25°	11.7	11.5	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4	10.3
-72.5°	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.2	10.1	9.9	9.8
-73.75°	10.6	10.5	10.4	10.3	10.2	10.0	9.9	9.7	9.5	9.4	9.2
-75°	10.1	9.9	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.8	8.6
-76.25°	9.4	9.2	9.1	9.0	8.9	8.7	8.6	8.5	8.3	8.1	7.9
-77.5°	8.6	8.5	8.4	8.3	8.2	8.0	7.8	7.7	7.5	7.3	7.2



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-78.75°	7.8	7.7	7.6	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.4
-80°	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	5.9	5.8	5.6
-81.25°	6.0	5.9	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.9
-82.5°	5.0	4.9	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-83.75°	4.1	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3
-85°	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.6	2.5
-86.25°	2.2	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	2.5	2.4	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7
83.75°	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.3	2.2
82.5°	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8
81.25°	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.3
80°	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.2	4.1	3.9
78.75°	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5
77.5°	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.4	5.2	5.0
76.25°	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6
75°	8.4	8.2	8.0	7.8	7.6	7.3	7.1	6.9	6.6	6.4	6.1
73.75°	9.0	8.8	8.6	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.7
72.5°	9.6	9.4	9.2	9.0	8.8	8.6	8.3	8.1	7.8	7.5	7.2
71.25°	10.1	9.9	9.7	9.5	9.3	9.1	8.8	8.6	8.4	8.0	7.7
70°	10.5	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.8	8.5	8.3
68.75°	10.9	10.7	10.6	10.4	10.2	10.0	9.8	9.5	9.2	9.0	8.7
67.5°	11.3	11.1	10.9	10.8	10.6	10.4	10.2	9.9	9.7	9.4	9.1
66.25°	12.0	11.7	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.8	9.5
65°	12.7	12.3	12.0	11.6	11.3	11.0	10.8	10.6	10.4	10.2	9.9
63.75°	13.4	13.0	12.6	12.2	11.8	11.4	11.2	10.9	10.7	10.5	10.2
62.5°	14.3	13.8	13.3	12.9	12.5	12.0	11.6	11.2	11.0	10.8	10.5
61.25°	15.1	14.6	14.1	13.5	13.1	12.6	12.2	11.7	11.3	11.0	10.8
60°	16.0	15.5	14.9	14.3	13.7	13.2	12.8	12.3	11.8	11.3	11.0
58.75°	17.0	16.3	15.7	15.1	14.5	13.9	13.3	12.8	12.3	11.8	11.3
57.5°	18.0	17.3	16.6	15.9	15.3	14.6	14.0	13.4	12.9	12.3	11.8
56.25°	19.1	18.3	17.6	16.8	16.0	15.4	14.7	14.0	13.4	12.8	12.3
55°	20.2	19.3	18.5	17.7	16.9	16.1	15.4	14.7	14.0	13.3	12.8
53.75°	21.4	20.4	19.5	18.6	17.8	16.9	16.1	15.4	14.6	13.9	13.2
52.5°	22.6	21.6	20.6	19.6	18.7	17.8	16.9	16.0	15.3	14.5	13.7
51.25°	23.7	22.7	21.7	20.6	19.6	18.6	17.7	16.8	15.9	15.1	14.3
50°	24.9	23.8	22.7	21.7	20.6	19.5	18.5	17.6	16.6	15.7	14.9
48.75°	26.0	24.9	23.8	22.7	21.6	20.4	19.3	18.3	17.3	16.3	15.5
47.5°	27.1	26.0	24.9	23.7	22.6	21.4	20.2	19.1	18.0	17.0	16.0
46.25°	28.0	27.0	25.9	24.7	23.5	22.3	21.1	19.8	18.8	17.7	16.6
45°	28.8	27.9	26.9	25.7	24.5	23.2	22.0	20.7	19.5	18.4	17.3
43.75°	29.5	28.7	27.8	26.6	25.4	24.1	22.9	21.6	20.2	19.0	17.9
42.5°	30.3	29.4	28.5	27.6	26.3	25.0	23.7	22.4	21.0	19.7	18.5
41.25°	31.0	30.1	29.2	28.2	27.2	25.9	24.6	23.2	21.8	20.4	19.1
40°	31.7	30.8	29.8	28.9	27.9	26.7	25.4	24.0	22.6	21.2	19.7
38.75°	32.4	31.5	30.5	29.5	28.5	27.5	26.2	24.8	23.3	21.9	20.4
37.5°	33.1	32.1	31.1	30.1	29.1	28.1	26.9	25.5	24.1	22.6	21.1
36.25°	33.7	32.8	31.8	30.8	29.7	28.7	27.7	26.2	24.8	23.3	21.7
35°	34.2	33.4	32.4	31.3	30.3	29.2	28.2	26.9	25.4	23.9	22.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	34.7	33.9	33.0	31.9	30.9	29.8	28.7	27.6	26.1	24.6	23.0
32.5°	35.3	34.4	33.5	32.5	31.4	30.3	29.2	28.1	26.7	25.2	23.6
31.25°	35.7	34.9	34.0	33.0	31.9	30.8	29.7	28.6	27.4	25.8	24.2
30°	36.0	35.3	34.4	33.5	32.4	31.3	30.2	29.0	27.9	26.3	24.7
28.75°	36.4	35.7	34.9	33.9	32.9	31.8	30.6	29.4	28.3	26.9	25.3
27.5°	36.7	36.0	35.3	34.3	33.4	32.2	31.1	29.9	28.7	27.4	25.8
26.25°	37.1	36.4	35.6	34.7	33.7	32.7	31.5	30.3	29.1	27.9	26.3
25°	37.4	36.7	35.9	35.1	34.1	33.1	31.9	30.7	29.4	28.2	26.7
23.75°	37.7	36.9	36.2	35.5	34.5	33.4	32.3	31.0	29.8	28.6	27.2
22.5°	38.0	37.2	36.5	35.7	34.8	33.8	32.6	31.4	30.1	28.9	27.6
21.25°	38.2	37.5	36.7	36.0	35.1	34.1	33.0	31.7	30.5	29.2	27.9
20°	38.5	37.7	37.0	36.2	35.4	34.4	33.3	32.0	30.8	29.5	28.2
18.75°	38.7	38.0	37.2	36.4	35.6	34.6	33.6	32.4	31.1	29.8	28.5
17.5°	39.0	38.2	37.4	36.6	35.8	34.9	33.8	32.6	31.3	30.0	28.7
16.25°	39.1	38.4	37.6	36.8	36.0	35.1	34.0	32.9	31.6	30.3	28.9
15°	39.2	38.6	37.8	37.0	36.2	35.3	34.3	33.1	31.8	30.5	29.1
13.75°	39.3	38.8	38.0	37.2	36.4	35.5	34.4	33.3	32.0	30.7	29.3
12.5°	39.5	38.9	38.1	37.3	36.5	35.7	34.6	33.5	32.2	30.9	29.5
11.25°	39.6	39.0	38.3	37.5	36.6	35.8	34.8	33.7	32.4	31.1	29.7
10°	39.7	39.1	38.4	37.6	36.7	35.9	34.9	33.8	32.6	31.2	29.8
8.75°	39.7	39.2	38.5	37.7	36.9	36.0	35.1	33.9	32.7	31.3	30.0
7.5°	39.8	39.3	38.6	37.8	36.9	36.1	35.2	34.0	32.9	31.5	30.1
6.25°	39.9	39.3	38.7	37.9	37.0	36.2	35.3	34.1	33.0	31.6	30.2
5°	39.9	39.4	38.8	37.9	37.1	36.2	35.4	34.2	33.0	31.7	30.3
3.75°	40.0	39.4	38.8	38.0	37.1	36.3	35.4	34.3	33.1	31.7	30.3
2.5°	40.0	39.4	38.9	38.0	37.2	36.3	35.5	34.3	33.2	31.8	30.4
1.25°	40.0	39.4	38.9	38.0	37.2	36.3	35.5	34.3	33.2	31.8	30.4
0°	40.0	39.5	38.9	38.1	37.2	36.4	35.5	34.4	33.2	31.8	30.4
-1.25°	40.0	39.4	38.9	38.0	37.2	36.3	35.5	34.3	33.2	31.8	30.4
-2.5°	40.0	39.4	38.9	38.0	37.2	36.3	35.5	34.3	33.2	31.8	30.4
-3.75°	40.0	39.4	38.8	38.0	37.1	36.3	35.4	34.3	33.1	31.7	30.3
-5°	39.9	39.4	38.8	37.9	37.1	36.2	35.4	34.2	33.0	31.7	30.3
-6.25°	39.9	39.3	38.7	37.9	37.0	36.2	35.3	34.1	33.0	31.6	30.2
-7.5°	39.8	39.3	38.6	37.8	36.9	36.1	35.2	34.0	32.9	31.5	30.1
-8.75°	39.7	39.2	38.5	37.7	36.9	36.0	35.1	33.9	32.7	31.3	30.0
-10°	39.7	39.1	38.4	37.6	36.7	35.9	34.9	33.8	32.6	31.2	29.8
-11.25°	39.6	39.0	38.3	37.5	36.6	35.8	34.8	33.7	32.4	31.1	29.7
-12.5°	39.5	38.9	38.1	37.3	36.5	35.7	34.6	33.5	32.2	30.9	29.5
-13.75°	39.3	38.8	38.0	37.2	36.4	35.5	34.4	33.3	32.0	30.7	29.3
-15°	39.2	38.6	37.8	37.0	36.2	35.3	34.3	33.1	31.8	30.5	29.1
-16.25°	39.1	38.4	37.6	36.8	36.0	35.1	34.0	32.9	31.6	30.3	28.9
-17.5°	39.0	38.2	37.4	36.6	35.8	34.9	33.8	32.6	31.3	30.0	28.7
-18.75°	38.7	38.0	37.2	36.4	35.6	34.6	33.6	32.4	31.1	29.8	28.5
-20°	38.5	37.7	37.0	36.2	35.4	34.4	33.3	32.0	30.8	29.5	28.2
-21.25°	38.2	37.5	36.7	36.0	35.1	34.1	33.0	31.7	30.5	29.2	27.9



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	38.0	37.2	36.5	35.7	34.8	33.8	32.6	31.4	30.1	28.9	27.6
-23.75°	37.7	36.9	36.2	35.5	34.5	33.4	32.3	31.0	29.8	28.6	27.2
-25°	37.4	36.7	35.9	35.1	34.1	33.1	31.9	30.7	29.4	28.2	26.7
-26.25°	37.1	36.4	35.6	34.7	33.7	32.7	31.5	30.3	29.1	27.9	26.3
-27.5°	36.7	36.0	35.3	34.3	33.4	32.2	31.1	29.9	28.7	27.4	25.8
-28.75°	36.4	35.7	34.9	33.9	32.9	31.8	30.6	29.4	28.3	26.9	25.3
-30°	36.0	35.3	34.4	33.5	32.4	31.3	30.2	29.0	27.9	26.3	24.7
-31.25°	35.7	34.9	34.0	33.0	31.9	30.8	29.7	28.6	27.4	25.8	24.2
-32.5°	35.3	34.4	33.5	32.5	31.4	30.3	29.2	28.1	26.7	25.2	23.6
-33.75°	34.7	33.9	33.0	31.9	30.9	29.8	28.7	27.6	26.1	24.6	23.0
-35°	34.2	33.4	32.4	31.3	30.3	29.2	28.2	26.9	25.4	23.9	22.4
-36.25°	33.7	32.8	31.8	30.8	29.7	28.7	27.7	26.2	24.8	23.3	21.7
-37.5°	33.1	32.1	31.1	30.1	29.1	28.1	26.9	25.5	24.1	22.6	21.1
-38.75°	32.4	31.5	30.5	29.5	28.5	27.5	26.2	24.8	23.3	21.9	20.4
-40°	31.7	30.8	29.8	28.9	27.9	26.7	25.4	24.0	22.6	21.2	19.7
-41.25°	31.0	30.1	29.2	28.2	27.2	25.9	24.6	23.2	21.8	20.4	19.1
-42.5°	30.3	29.4	28.5	27.6	26.3	25.0	23.7	22.4	21.0	19.7	18.5
-43.75°	29.5	28.7	27.8	26.6	25.4	24.1	22.9	21.6	20.2	19.0	17.9
-45°	28.8	27.9	26.9	25.7	24.5	23.2	22.0	20.7	19.5	18.4	17.3
-46.25°	28.0	27.0	25.9	24.7	23.5	22.3	21.1	19.8	18.8	17.7	16.6
-47.5°	27.1	26.0	24.9	23.7	22.6	21.4	20.2	19.1	18.0	17.0	16.0
-48.75°	26.0	24.9	23.8	22.7	21.6	20.4	19.3	18.3	17.3	16.3	15.5
-50°	24.9	23.8	22.7	21.7	20.6	19.5	18.5	17.6	16.6	15.7	14.9
-51.25°	23.7	22.7	21.7	20.6	19.6	18.6	17.7	16.8	15.9	15.1	14.3
-52.5°	22.6	21.6	20.6	19.6	18.7	17.8	16.9	16.0	15.3	14.5	13.7
-53.75°	21.4	20.4	19.5	18.6	17.8	16.9	16.1	15.4	14.6	13.9	13.2
-55°	20.2	19.3	18.5	17.7	16.9	16.1	15.4	14.7	14.0	13.3	12.8
-56.25°	19.1	18.3	17.6	16.8	16.0	15.4	14.7	14.0	13.4	12.8	12.3
-57.5°	18.0	17.3	16.6	15.9	15.3	14.6	14.0	13.4	12.9	12.3	11.8
-58.75°	17.0	16.3	15.7	15.1	14.5	13.9	13.3	12.8	12.3	11.8	11.3
-60°	16.0	15.5	14.9	14.3	13.7	13.2	12.8	12.3	11.8	11.3	11.0
-61.25°	15.1	14.6	14.1	13.5	13.1	12.6	12.2	11.7	11.3	11.0	10.8
-62.5°	14.3	13.8	13.3	12.9	12.5	12.0	11.6	11.2	11.0	10.8	10.5
-63.75°	13.4	13.0	12.6	12.2	11.8	11.4	11.2	10.9	10.7	10.5	10.2
-65°	12.7	12.3	12.0	11.6	11.3	11.0	10.8	10.6	10.4	10.2	9.9
-66.25°	12.0	11.7	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.8	9.5
-67.5°	11.3	11.1	10.9	10.8	10.6	10.4	10.2	9.9	9.7	9.4	9.1
-68.75°	10.9	10.7	10.6	10.4	10.2	10.0	9.8	9.5	9.2	9.0	8.7
-70°	10.5	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.8	8.5	8.3
-71.25°	10.1	9.9	9.7	9.5	9.3	9.1	8.8	8.6	8.4	8.0	7.7
-72.5°	9.6	9.4	9.2	9.0	8.8	8.6	8.3	8.1	7.8	7.5	7.2
-73.75°	9.0	8.8	8.6	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.7
-75°	8.4	8.2	8.0	7.8	7.6	7.3	7.1	6.9	6.6	6.4	6.1
-76.25°	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6
-77.5°	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.4	5.2	5.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5
-80°	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.4	4.2	4.1	3.9
-81.25°	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.3
-82.5°	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8
-83.75°	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.3	2.2
-85°	2.5	2.4	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7
-86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
-88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
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	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
83.75°	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2
82.5°	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.4
81.25°	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7
80°	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	2.0
78.75°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3
77.5°	4.8	4.6	4.4	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6
76.25°	5.3	5.1	4.9	4.6	4.4	4.1	3.8	3.6	3.4	3.1	2.9
75°	5.9	5.6	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.4	3.2
73.75°	6.4	6.1	5.8	5.5	5.3	5.0	4.7	4.4	4.0	3.7	3.5
72.5°	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.7
71.25°	7.4	7.1	6.8	6.5	6.1	5.8	5.5	5.1	4.8	4.4	4.0
70°	7.9	7.6	7.3	6.9	6.6	6.2	5.9	5.5	5.1	4.7	4.4
68.75°	8.4	8.1	7.7	7.4	7.0	6.6	6.2	5.9	5.5	5.1	4.7
67.5°	8.8	8.5	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4	5.0
66.25°	9.2	8.9	8.6	8.2	7.8	7.4	7.0	6.6	6.1	5.7	5.3
65°	9.6	9.3	8.9	8.6	8.2	7.8	7.4	6.9	6.5	6.0	5.5
63.75°	10.0	9.6	9.3	8.9	8.6	8.2	7.7	7.3	6.8	6.3	5.8
62.5°	10.3	10.0	9.6	9.3	8.9	8.5	8.1	7.6	7.1	6.6	6.1
61.25°	10.5	10.3	10.0	9.6	9.2	8.8	8.4	7.9	7.4	6.9	6.4
60°	10.8	10.5	10.2	9.9	9.5	9.1	8.7	8.3	7.7	7.2	6.7
58.75°	11.0	10.8	10.5	10.2	9.8	9.4	9.0	8.5	8.0	7.5	6.9
57.5°	11.3	11.0	10.7	10.4	10.1	9.7	9.2	8.8	8.4	7.8	7.2
56.25°	11.7	11.2	10.9	10.6	10.3	9.9	9.5	9.0	8.6	8.1	7.5
55°	12.2	11.6	11.2	10.8	10.5	10.2	9.8	9.3	8.8	8.3	7.7
53.75°	12.6	12.0	11.4	11.0	10.7	10.4	10.0	9.5	9.1	8.6	8.0
52.5°	13.1	12.5	11.8	11.3	10.9	10.6	10.2	9.8	9.3	8.8	8.2
51.25°	13.5	12.9	12.2	11.6	11.1	10.8	10.4	10.0	9.5	9.0	8.5
50°	14.1	13.3	12.6	12.0	11.3	10.9	10.6	10.2	9.7	9.2	8.6
48.75°	14.6	13.8	13.0	12.3	11.7	11.1	10.7	10.4	9.9	9.4	8.8
47.5°	15.1	14.3	13.4	12.7	12.0	11.3	10.9	10.5	10.1	9.6	9.0
46.25°	15.7	14.8	13.8	13.1	12.3	11.6	11.1	10.7	10.3	9.8	9.2
45°	16.2	15.2	14.3	13.4	12.7	11.9	11.2	10.8	10.4	9.9	9.4
43.75°	16.8	15.7	14.8	13.8	13.0	12.2	11.5	11.0	10.5	10.1	9.5
42.5°	17.3	16.2	15.2	14.2	13.3	12.5	11.7	11.1	10.7	10.2	9.7
41.25°	17.9	16.7	15.7	14.6	13.6	12.8	12.0	11.3	10.8	10.4	9.9
40°	18.5	17.3	16.1	15.1	14.0	13.1	12.3	11.5	10.9	10.5	10.0
38.75°	19.1	17.8	16.5	15.5	14.4	13.4	12.5	11.7	11.1	10.6	10.2
37.5°	19.6	18.3	17.0	15.8	14.8	13.7	12.8	12.0	11.2	10.7	10.3
36.25°	20.2	18.8	17.5	16.2	15.1	14.0	13.1	12.2	11.3	10.8	10.4
35°	20.8	19.3	18.0	16.6	15.5	14.4	13.3	12.4	11.5	10.9	10.5



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	21.4	19.8	18.4	17.1	15.8	14.7	13.5	12.6	11.7	11.0	10.6
32.5°	22.0	20.4	18.9	17.5	16.1	15.0	13.8	12.9	11.9	11.2	10.7
31.25°	22.5	20.9	19.3	17.9	16.5	15.3	14.1	13.1	12.1	11.3	10.7
30°	23.1	21.4	19.7	18.3	16.9	15.6	14.4	13.3	12.3	11.4	10.8
28.75°	23.6	21.9	20.2	18.7	17.2	15.9	14.7	13.5	12.5	11.6	10.9
27.5°	24.1	22.4	20.7	19.0	17.6	16.1	14.9	13.7	12.7	11.7	11.0
26.25°	24.6	22.8	21.1	19.4	17.9	16.4	15.1	13.9	12.8	11.9	11.1
25°	25.0	23.3	21.5	19.7	18.2	16.7	15.4	14.1	13.0	12.0	11.2
23.75°	25.4	23.7	21.9	20.1	18.5	17.0	15.6	14.3	13.2	12.2	11.2
22.5°	25.9	24.1	22.3	20.5	18.8	17.3	15.8	14.5	13.3	12.3	11.3
21.25°	26.2	24.5	22.7	20.8	19.1	17.5	16.0	14.7	13.4	12.4	11.4
20°	26.6	24.8	23.0	21.1	19.3	17.8	16.2	14.9	13.6	12.5	11.5
18.75°	27.0	25.1	23.3	21.4	19.6	18.0	16.4	15.1	13.7	12.7	11.6
17.5°	27.3	25.5	23.6	21.7	19.8	18.2	16.6	15.2	13.9	12.8	11.7
16.25°	27.6	25.8	23.9	22.0	20.1	18.4	16.8	15.4	14.0	12.9	11.8
15°	27.8	26.0	24.2	22.2	20.3	18.6	17.0	15.5	14.2	13.0	11.9
13.75°	28.0	26.3	24.4	22.5	20.5	18.8	17.1	15.6	14.3	13.0	12.0
12.5°	28.2	26.5	24.6	22.7	20.7	18.9	17.3	15.7	14.4	13.1	12.1
11.25°	28.3	26.7	24.8	22.9	20.9	19.1	17.4	15.9	14.5	13.2	12.1
10°	28.5	26.9	25.0	23.1	21.1	19.2	17.5	15.9	14.6	13.3	12.2
8.75°	28.6	27.1	25.1	23.2	21.2	19.3	17.6	16.0	14.6	13.3	12.2
7.5°	28.7	27.2	25.3	23.3	21.4	19.4	17.7	16.1	14.7	13.4	12.3
6.25°	28.8	27.3	25.4	23.4	21.5	19.5	17.8	16.2	14.8	13.4	12.3
5°	28.9	27.4	25.5	23.5	21.5	19.6	17.9	16.2	14.8	13.4	12.3
3.75°	28.9	27.5	25.6	23.6	21.6	19.6	17.9	16.2	14.9	13.5	12.4
2.5°	29.0	27.6	25.6	23.7	21.7	19.7	18.0	16.3	14.9	13.5	12.4
1.25°	29.0	27.6	25.6	23.7	21.7	19.7	18.0	16.3	14.9	13.5	12.4
0°	29.0	27.6	25.7	23.7	21.7	19.7	18.0	16.3	14.9	13.5	12.4
-1.25°	29.0	27.6	25.6	23.7	21.7	19.7	18.0	16.3	14.9	13.5	12.4
-2.5°	29.0	27.6	25.6	23.7	21.7	19.7	18.0	16.3	14.9	13.5	12.4
-3.75°	28.9	27.5	25.6	23.6	21.6	19.6	17.9	16.2	14.9	13.5	12.4
-5°	28.9	27.4	25.5	23.5	21.5	19.6	17.9	16.2	14.8	13.4	12.3
-6.25°	28.8	27.3	25.4	23.4	21.5	19.5	17.8	16.2	14.8	13.4	12.3
-7.5°	28.7	27.2	25.3	23.3	21.4	19.4	17.7	16.1	14.7	13.4	12.3
-8.75°	28.6	27.1	25.1	23.2	21.2	19.3	17.6	16.0	14.6	13.3	12.2
-10°	28.5	26.9	25.0	23.1	21.1	19.2	17.5	15.9	14.6	13.3	12.2
-11.25°	28.3	26.7	24.8	22.9	20.9	19.1	17.4	15.9	14.5	13.2	12.1
-12.5°	28.2	26.5	24.6	22.7	20.7	18.9	17.3	15.7	14.4	13.1	12.1
-13.75°	28.0	26.3	24.4	22.5	20.5	18.8	17.1	15.6	14.3	13.0	12.0
-15°	27.8	26.0	24.2	22.2	20.3	18.6	17.0	15.5	14.2	13.0	11.9
-16.25°	27.6	25.8	23.9	22.0	20.1	18.4	16.8	15.4	14.0	12.9	11.8
-17.5°	27.3	25.5	23.6	21.7	19.8	18.2	16.6	15.2	13.9	12.8	11.7
-18.75°	27.0	25.1	23.3	21.4	19.6	18.0	16.4	15.1	13.7	12.7	11.6
-20°	26.6	24.8	23.0	21.1	19.3	17.8	16.2	14.9	13.6	12.5	11.5
-21.25°	26.2	24.5	22.7	20.8	19.1	17.5	16.0	14.7	13.4	12.4	11.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-22.5°	25.9	24.1	22.3	20.5	18.8	17.3	15.8	14.5	13.3	12.3	11.3
-23.75°	25.4	23.7	21.9	20.1	18.5	17.0	15.6	14.3	13.2	12.2	11.2
-25°	25.0	23.3	21.5	19.7	18.2	16.7	15.4	14.1	13.0	12.0	11.2
-26.25°	24.6	22.8	21.1	19.4	17.9	16.4	15.1	13.9	12.8	11.9	11.1
-27.5°	24.1	22.4	20.7	19.0	17.6	16.1	14.9	13.7	12.7	11.7	11.0
-28.75°	23.6	21.9	20.2	18.7	17.2	15.9	14.7	13.5	12.5	11.6	10.9
-30°	23.1	21.4	19.7	18.3	16.9	15.6	14.4	13.3	12.3	11.4	10.8
-31.25°	22.5	20.9	19.3	17.9	16.5	15.3	14.1	13.1	12.1	11.3	10.7
-32.5°	22.0	20.4	18.9	17.5	16.1	15.0	13.8	12.9	11.9	11.2	10.7
-33.75°	21.4	19.8	18.4	17.1	15.8	14.7	13.5	12.6	11.7	11.0	10.6
-35°	20.8	19.3	18.0	16.6	15.5	14.4	13.3	12.4	11.5	10.9	10.5
-36.25°	20.2	18.8	17.5	16.2	15.1	14.0	13.1	12.2	11.3	10.8	10.4
-37.5°	19.6	18.3	17.0	15.8	14.8	13.7	12.8	12.0	11.2	10.7	10.3
-38.75°	19.1	17.8	16.5	15.5	14.4	13.4	12.5	11.7	11.1	10.6	10.2
-40°	18.5	17.3	16.1	15.1	14.0	13.1	12.3	11.5	10.9	10.5	10.0
-41.25°	17.9	16.7	15.7	14.6	13.6	12.8	12.0	11.3	10.8	10.4	9.9
-42.5°	17.3	16.2	15.2	14.2	13.3	12.5	11.7	11.1	10.7	10.2	9.7
-43.75°	16.8	15.7	14.8	13.8	13.0	12.2	11.5	11.0	10.5	10.1	9.5
-45°	16.2	15.2	14.3	13.4	12.7	11.9	11.2	10.8	10.4	9.9	9.4
-46.25°	15.7	14.8	13.8	13.1	12.3	11.6	11.1	10.7	10.3	9.8	9.2
-47.5°	15.1	14.3	13.4	12.7	12.0	11.3	10.9	10.5	10.1	9.6	9.0
-48.75°	14.6	13.8	13.0	12.3	11.7	11.1	10.7	10.4	9.9	9.4	8.8
-50°	14.1	13.3	12.6	12.0	11.3	10.9	10.6	10.2	9.7	9.2	8.6
-51.25°	13.5	12.9	12.2	11.6	11.1	10.8	10.4	10.0	9.5	9.0	8.5
-52.5°	13.1	12.5	11.8	11.3	10.9	10.6	10.2	9.8	9.3	8.8	8.2
-53.75°	12.6	12.0	11.4	11.0	10.7	10.4	10.0	9.5	9.1	8.6	8.0
-55°	12.2	11.6	11.2	10.8	10.5	10.2	9.8	9.3	8.8	8.3	7.7
-56.25°	11.7	11.2	10.9	10.6	10.3	9.9	9.5	9.0	8.6	8.1	7.5
-57.5°	11.3	11.0	10.7	10.4	10.1	9.7	9.2	8.8	8.4	7.8	7.2
-58.75°	11.0	10.8	10.5	10.2	9.8	9.4	9.0	8.5	8.0	7.5	6.9
-60°	10.8	10.5	10.2	9.9	9.5	9.1	8.7	8.3	7.7	7.2	6.7
-61.25°	10.5	10.3	10.0	9.6	9.2	8.8	8.4	7.9	7.4	6.9	6.4
-62.5°	10.3	10.0	9.6	9.3	8.9	8.5	8.1	7.6	7.1	6.6	6.1
-63.75°	10.0	9.6	9.3	8.9	8.6	8.2	7.7	7.3	6.8	6.3	5.8
-65°	9.6	9.3	8.9	8.6	8.2	7.8	7.4	6.9	6.5	6.0	5.5
-66.25°	9.2	8.9	8.6	8.2	7.8	7.4	7.0	6.6	6.1	5.7	5.3
-67.5°	8.8	8.5	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4	5.0
-68.75°	8.4	8.1	7.7	7.4	7.0	6.6	6.2	5.9	5.5	5.1	4.7
-70°	7.9	7.6	7.3	6.9	6.6	6.2	5.9	5.5	5.1	4.7	4.4
-71.25°	7.4	7.1	6.8	6.5	6.1	5.8	5.5	5.1	4.8	4.4	4.0
-72.5°	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.7
-73.75°	6.4	6.1	5.8	5.5	5.3	5.0	4.7	4.4	4.0	3.7	3.5
-75°	5.9	5.6	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.4	3.2
-76.25°	5.3	5.1	4.9	4.6	4.4	4.1	3.8	3.6	3.4	3.1	2.9
-77.5°	4.8	4.6	4.4	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
-78.75°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3
-80°	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	2.0
-81.25°	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7
-82.5°	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.4
-83.75°	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2
-85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
-88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
86.25°	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
85°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
83.75°	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2
82.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
81.25°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
80°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
78.75°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
77.5°	2.3	2.1	1.9	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4
76.25°	2.6	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
75°	2.9	2.6	2.3	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
73.75°	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.2	1.0	0.7	0.5
72.5°	3.4	3.1	2.8	2.5	2.1	1.8	1.5	1.3	1.0	0.8	0.5
71.25°	3.7	3.4	3.0	2.7	2.3	2.0	1.6	1.4	1.1	0.8	0.5
70°	4.0	3.6	3.2	2.9	2.5	2.1	1.8	1.5	1.2	0.9	0.6
68.75°	4.3	3.8	3.5	3.1	2.7	2.3	1.9	1.5	1.2	0.9	0.6
67.5°	4.5	4.1	3.7	3.3	2.9	2.4	2.0	1.6	1.3	1.0	0.7
66.25°	4.8	4.4	3.9	3.5	3.0	2.6	2.2	1.7	1.4	1.0	0.7
65°	5.1	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	1.1	0.7
63.75°	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.1	0.8
62.5°	5.6	5.1	4.6	4.1	3.5	3.0	2.5	2.0	1.6	1.2	0.8
61.25°	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.2	0.8
60°	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.2	1.7	1.3	0.8
58.75°	6.4	5.8	5.2	4.6	4.1	3.5	2.9	2.3	1.8	1.3	0.9
57.5°	6.6	6.1	5.4	4.8	4.2	3.6	3.0	2.5	1.9	1.4	0.9
56.25°	6.9	6.3	5.7	5.0	4.4	3.8	3.2	2.6	1.9	1.4	0.9
55°	7.1	6.5	5.9	5.2	4.6	3.9	3.3	2.7	2.0	1.5	1.0
53.75°	7.3	6.7	6.1	5.4	4.7	4.0	3.4	2.7	2.1	1.5	1.0
52.5°	7.6	6.9	6.3	5.6	4.9	4.2	3.5	2.8	2.2	1.6	1.0
51.25°	7.8	7.1	6.5	5.8	5.0	4.3	3.6	2.9	2.3	1.6	1.1
50°	8.0	7.3	6.6	5.9	5.2	4.5	3.7	3.0	2.3	1.6	1.1
48.75°	8.2	7.5	6.8	6.1	5.3	4.6	3.8	3.1	2.4	1.7	1.1
47.5°	8.4	7.7	7.0	6.3	5.5	4.7	4.0	3.2	2.5	1.7	1.1
46.25°	8.6	7.9	7.2	6.4	5.6	4.9	4.1	3.3	2.5	1.8	1.2
45°	8.8	8.1	7.3	6.6	5.8	5.0	4.2	3.4	2.6	1.8	1.2
43.75°	8.9	8.3	7.5	6.7	5.9	5.1	4.3	3.5	2.7	1.9	1.2
42.5°	9.1	8.5	7.7	6.9	6.1	5.2	4.4	3.6	2.7	1.9	1.3
41.25°	9.2	8.6	7.8	7.0	6.2	5.3	4.5	3.6	2.8	2.0	1.3
40°	9.4	8.7	8.0	7.2	6.3	5.5	4.6	3.7	2.9	2.0	1.3
38.75°	9.5	8.9	8.2	7.3	6.4	5.6	4.7	3.8	2.9	2.1	1.3
37.5°	9.7	9.0	8.3	7.4	6.6	5.7	4.8	3.9	3.0	2.1	1.3
36.25°	9.8	9.1	8.4	7.6	6.7	5.8	4.9	3.9	3.0	2.2	1.4
35°	9.9	9.2	8.5	7.7	6.8	5.9	4.9	4.0	3.1	2.2	1.4



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	10.1	9.4	8.6	7.8	6.9	6.0	5.0	4.1	3.2	2.2	1.4
32.5°	10.2	9.5	8.8	7.9	7.0	6.1	5.1	4.1	3.2	2.3	1.4
31.25°	10.2	9.6	8.9	8.0	7.1	6.2	5.2	4.2	3.3	2.3	1.5
30°	10.3	9.7	8.9	8.2	7.2	6.3	5.3	4.3	3.3	2.4	1.5
28.75°	10.4	9.8	9.0	8.3	7.3	6.3	5.3	4.3	3.4	2.4	1.5
27.5°	10.5	9.9	9.1	8.4	7.4	6.4	5.4	4.4	3.4	2.4	1.5
26.25°	10.5	10.0	9.2	8.5	7.5	6.5	5.5	4.5	3.4	2.5	1.5
25°	10.6	10.1	9.3	8.5	7.6	6.6	5.6	4.5	3.5	2.5	1.5
23.75°	10.7	10.1	9.4	8.6	7.6	6.6	5.6	4.6	3.5	2.5	1.6
22.5°	10.7	10.2	9.4	8.7	7.7	6.7	5.7	4.6	3.6	2.5	1.6
21.25°	10.8	10.2	9.5	8.7	7.8	6.8	5.7	4.7	3.6	2.6	1.6
20°	10.9	10.3	9.6	8.8	7.9	6.8	5.8	4.7	3.6	2.6	1.6
18.75°	10.9	10.3	9.6	8.8	7.9	6.9	5.8	4.7	3.7	2.6	1.6
17.5°	11.0	10.4	9.7	8.9	8.0	6.9	5.9	4.8	3.7	2.6	1.6
16.25°	11.0	10.4	9.8	8.9	8.0	7.0	5.9	4.8	3.7	2.7	1.6
15°	11.0	10.5	9.8	9.0	8.1	7.0	6.0	4.9	3.7	2.7	1.6
13.75°	11.1	10.5	9.9	9.0	8.1	7.1	6.0	4.9	3.8	2.7	1.7
12.5°	11.1	10.5	9.9	9.1	8.2	7.1	6.0	4.9	3.8	2.7	1.7
11.25°	11.2	10.6	9.9	9.1	8.2	7.2	6.1	4.9	3.8	2.7	1.7
10°	11.2	10.6	10.0	9.1	8.3	7.2	6.1	5.0	3.8	2.7	1.7
8.75°	11.2	10.6	10.0	9.2	8.3	7.2	6.1	5.0	3.8	2.8	1.7
7.5°	11.2	10.6	10.0	9.2	8.3	7.2	6.1	5.0	3.9	2.8	1.7
6.25°	11.3	10.7	10.0	9.2	8.3	7.3	6.2	5.0	3.9	2.8	1.7
5°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
3.75°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
2.5°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
1.25°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
0°	11.3	10.7	10.1	9.3	8.4	7.3	6.2	5.1	3.9	2.8	1.7
-1.25°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
-2.5°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
-3.75°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
-5°	11.3	10.7	10.1	9.2	8.4	7.3	6.2	5.0	3.9	2.8	1.7
-6.25°	11.3	10.7	10.0	9.2	8.3	7.3	6.2	5.0	3.9	2.8	1.7
-7.5°	11.2	10.6	10.0	9.2	8.3	7.2	6.1	5.0	3.9	2.8	1.7
-8.75°	11.2	10.6	10.0	9.2	8.3	7.2	6.1	5.0	3.8	2.8	1.7
-10°	11.2	10.6	10.0	9.1	8.3	7.2	6.1	5.0	3.8	2.7	1.7
-11.25°	11.2	10.6	9.9	9.1	8.2	7.2	6.1	4.9	3.8	2.7	1.7
-12.5°	11.1	10.5	9.9	9.1	8.2	7.1	6.0	4.9	3.8	2.7	1.7
-13.75°	11.1	10.5	9.9	9.0	8.1	7.1	6.0	4.9	3.8	2.7	1.7
-15°	11.0	10.5	9.8	9.0	8.1	7.0	6.0	4.9	3.7	2.7	1.6
-16.25°	11.0	10.4	9.8	8.9	8.0	7.0	5.9	4.8	3.7	2.7	1.6
-17.5°	11.0	10.4	9.7	8.9	8.0	6.9	5.9	4.8	3.7	2.6	1.6
-18.75°	10.9	10.3	9.6	8.8	7.9	6.9	5.8	4.7	3.7	2.6	1.6
-20°	10.9	10.3	9.6	8.8	7.9	6.8	5.8	4.7	3.6	2.6	1.6
-21.25°	10.8	10.2	9.5	8.7	7.8	6.8	5.7	4.7	3.6	2.6	1.6



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	10.7	10.2	9.4	8.7	7.7	6.7	5.7	4.6	3.6	2.5	1.6
-23.75°	10.7	10.1	9.4	8.6	7.6	6.6	5.6	4.6	3.5	2.5	1.6
-25°	10.6	10.1	9.3	8.5	7.6	6.6	5.6	4.5	3.5	2.5	1.5
-26.25°	10.5	10.0	9.2	8.5	7.5	6.5	5.5	4.5	3.4	2.5	1.5
-27.5°	10.5	9.9	9.1	8.4	7.4	6.4	5.4	4.4	3.4	2.4	1.5
-28.75°	10.4	9.8	9.0	8.3	7.3	6.3	5.3	4.3	3.4	2.4	1.5
-30°	10.3	9.7	8.9	8.2	7.2	6.3	5.3	4.3	3.3	2.4	1.5
-31.25°	10.2	9.6	8.9	8.0	7.1	6.2	5.2	4.2	3.3	2.3	1.5
-32.5°	10.2	9.5	8.8	7.9	7.0	6.1	5.1	4.1	3.2	2.3	1.4
-33.75°	10.1	9.4	8.6	7.8	6.9	6.0	5.0	4.1	3.2	2.2	1.4
-35°	9.9	9.2	8.5	7.7	6.8	5.9	4.9	4.0	3.1	2.2	1.4
-36.25°	9.8	9.1	8.4	7.6	6.7	5.8	4.9	3.9	3.0	2.2	1.4
-37.5°	9.7	9.0	8.3	7.4	6.6	5.7	4.8	3.9	3.0	2.1	1.3
-38.75°	9.5	8.9	8.2	7.3	6.4	5.6	4.7	3.8	2.9	2.1	1.3
-40°	9.4	8.7	8.0	7.2	6.3	5.5	4.6	3.7	2.9	2.0	1.3
-41.25°	9.2	8.6	7.8	7.0	6.2	5.3	4.5	3.6	2.8	2.0	1.3
-42.5°	9.1	8.5	7.7	6.9	6.1	5.2	4.4	3.6	2.7	1.9	1.3
-43.75°	8.9	8.3	7.5	6.7	5.9	5.1	4.3	3.5	2.7	1.9	1.2
-45°	8.8	8.1	7.3	6.6	5.8	5.0	4.2	3.4	2.6	1.8	1.2
-46.25°	8.6	7.9	7.2	6.4	5.6	4.9	4.1	3.3	2.5	1.8	1.2
-47.5°	8.4	7.7	7.0	6.3	5.5	4.7	4.0	3.2	2.5	1.7	1.1
-48.75°	8.2	7.5	6.8	6.1	5.3	4.6	3.8	3.1	2.4	1.7	1.1
-50°	8.0	7.3	6.6	5.9	5.2	4.5	3.7	3.0	2.3	1.6	1.1
-51.25°	7.8	7.1	6.5	5.8	5.0	4.3	3.6	2.9	2.3	1.6	1.1
-52.5°	7.6	6.9	6.3	5.6	4.9	4.2	3.5	2.8	2.2	1.6	1.0
-53.75°	7.3	6.7	6.1	5.4	4.7	4.0	3.4	2.7	2.1	1.5	1.0
-55°	7.1	6.5	5.9	5.2	4.6	3.9	3.3	2.7	2.0	1.5	1.0
-56.25°	6.9	6.3	5.7	5.0	4.4	3.8	3.2	2.6	1.9	1.4	0.9
-57.5°	6.6	6.1	5.4	4.8	4.2	3.6	3.0	2.5	1.9	1.4	0.9
-58.75°	6.4	5.8	5.2	4.6	4.1	3.5	2.9	2.3	1.8	1.3	0.9
-60°	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.2	1.7	1.3	0.8
-61.25°	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.2	0.8
-62.5°	5.6	5.1	4.6	4.1	3.5	3.0	2.5	2.0	1.6	1.2	0.8
-63.75°	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.1	0.8
-65°	5.1	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	1.1	0.7
-66.25°	4.8	4.4	3.9	3.5	3.0	2.6	2.2	1.7	1.4	1.0	0.7
-67.5°	4.5	4.1	3.7	3.3	2.9	2.4	2.0	1.6	1.3	1.0	0.7
-68.75°	4.3	3.8	3.5	3.1	2.7	2.3	1.9	1.5	1.2	0.9	0.6
-70°	4.0	3.6	3.2	2.9	2.5	2.1	1.8	1.5	1.2	0.9	0.6
-71.25°	3.7	3.4	3.0	2.7	2.3	2.0	1.6	1.4	1.1	0.8	0.5
-72.5°	3.4	3.1	2.8	2.5	2.1	1.8	1.5	1.3	1.0	0.8	0.5
-73.75°	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.2	1.0	0.7	0.5
-75°	2.9	2.6	2.3	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4
-76.25°	2.6	2.3	2.1	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-77.5°	2.3	2.1	1.9	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4



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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°	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
-80°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-81.25°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
-82.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
-83.75°	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2
-85°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-86.25°	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
-87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
-88.75°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	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: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	0.1	0.0
85°	0.1	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°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.2	0.0
75°	0.2	0.0
73.75°	0.2	0.0
72.5°	0.3	0.0
71.25°	0.3	0.0
70°	0.3	0.0
68.75°	0.3	0.0
67.5°	0.3	0.0
66.25°	0.3	0.0
65°	0.4	0.0
63.75°	0.4	0.0
62.5°	0.4	0.0
61.25°	0.4	0.0
60°	0.4	0.0
58.75°	0.4	0.0
57.5°	0.5	0.0
56.25°	0.5	0.0
55°	0.5	0.0
53.75°	0.5	0.0
52.5°	0.5	0.0
51.25°	0.5	0.0
50°	0.5	0.0
48.75°	0.6	0.0
47.5°	0.6	0.0
46.25°	0.6	0.0
45°	0.6	0.0
43.75°	0.6	0.0
42.5°	0.6	0.0
41.25°	0.6	0.0
40°	0.7	0.0
38.75°	0.7	0.0
37.5°	0.7	0.0
36.25°	0.7	0.0
35°	0.7	0.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0.7	0.0
32.5°	0.7	0.0
31.25°	0.7	0.0
30°	0.7	0.0
28.75°	0.7	0.0
27.5°	0.8	0.0
26.25°	0.8	0.0
25°	0.8	0.0
23.75°	0.8	0.0
22.5°	0.8	0.0
21.25°	0.8	0.0
20°	0.8	0.0
18.75°	0.8	0.0
17.5°	0.8	0.0
16.25°	0.8	0.0
15°	0.8	0.0
13.75°	0.8	0.0
12.5°	0.8	0.0
11.25°	0.8	0.0
10°	0.8	0.0
8.75°	0.8	0.0
7.5°	0.8	0.0
6.25°	0.8	0.0
5°	0.8	0.0
3.75°	0.8	0.0
2.5°	0.8	0.0
1.25°	0.8	0.0
0°	0.8	0.0
-1.25°	0.8	0.0
-2.5°	0.8	0.0
-3.75°	0.8	0.0
-5°	0.8	0.0
-6.25°	0.8	0.0
-7.5°	0.8	0.0
-8.75°	0.8	0.0
-10°	0.8	0.0
-11.25°	0.8	0.0
-12.5°	0.8	0.0
-13.75°	0.8	0.0
-15°	0.8	0.0
-16.25°	0.8	0.0
-17.5°	0.8	0.0
-18.75°	0.8	0.0
-20°	0.8	0.0
-21.25°	0.8	0.0



REPORT NUMBER: P220471 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.2	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°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.0	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)