

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: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29418)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
MEDIUM FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

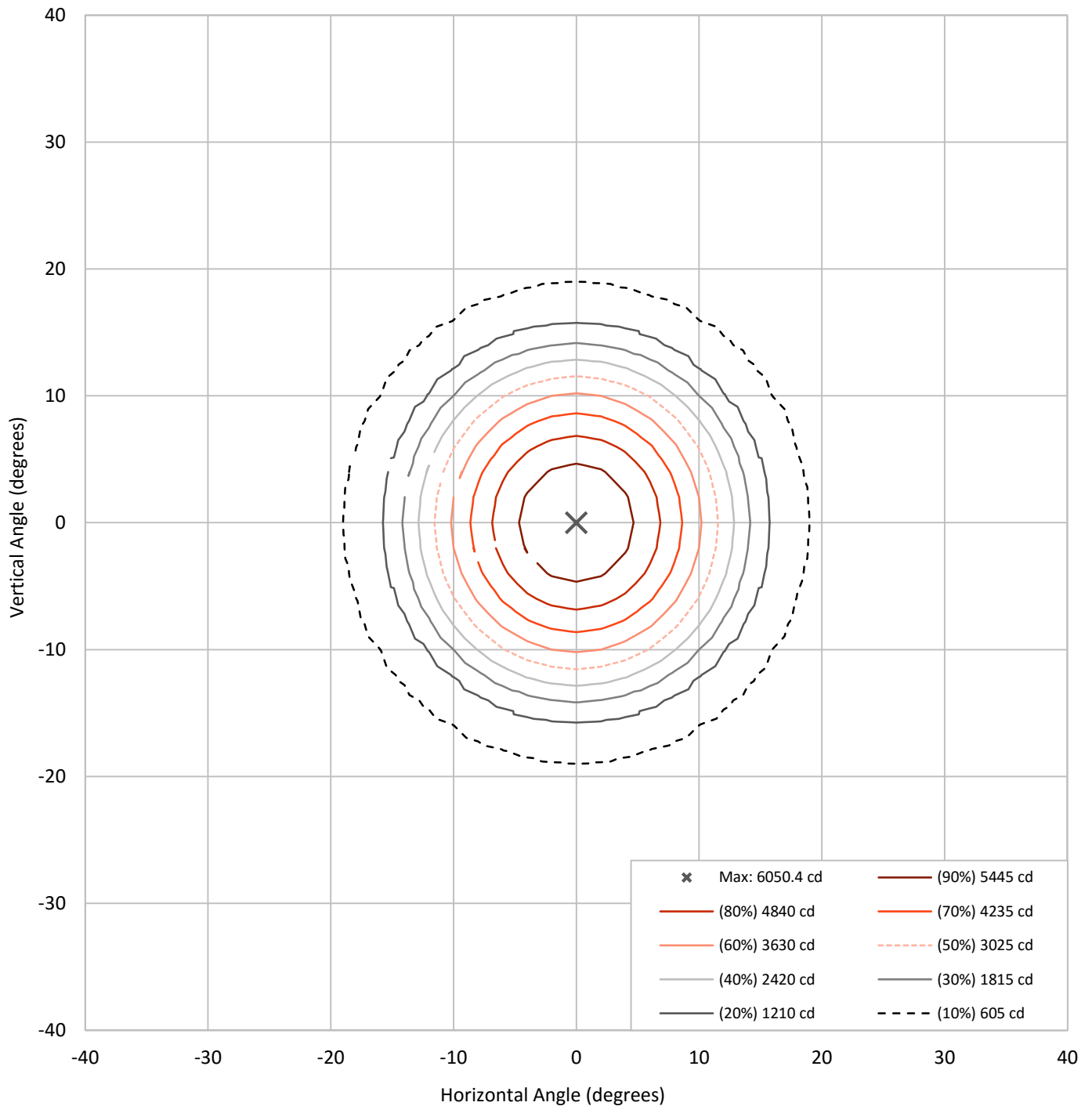
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1106.8 lumens	Max Intensity:	6050.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	564.5 lumens	Field Lumens:	868 lumens
Beam Efficiency:	51.0%	Field Efficiency:	78.4%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

Iso-Candela Plot





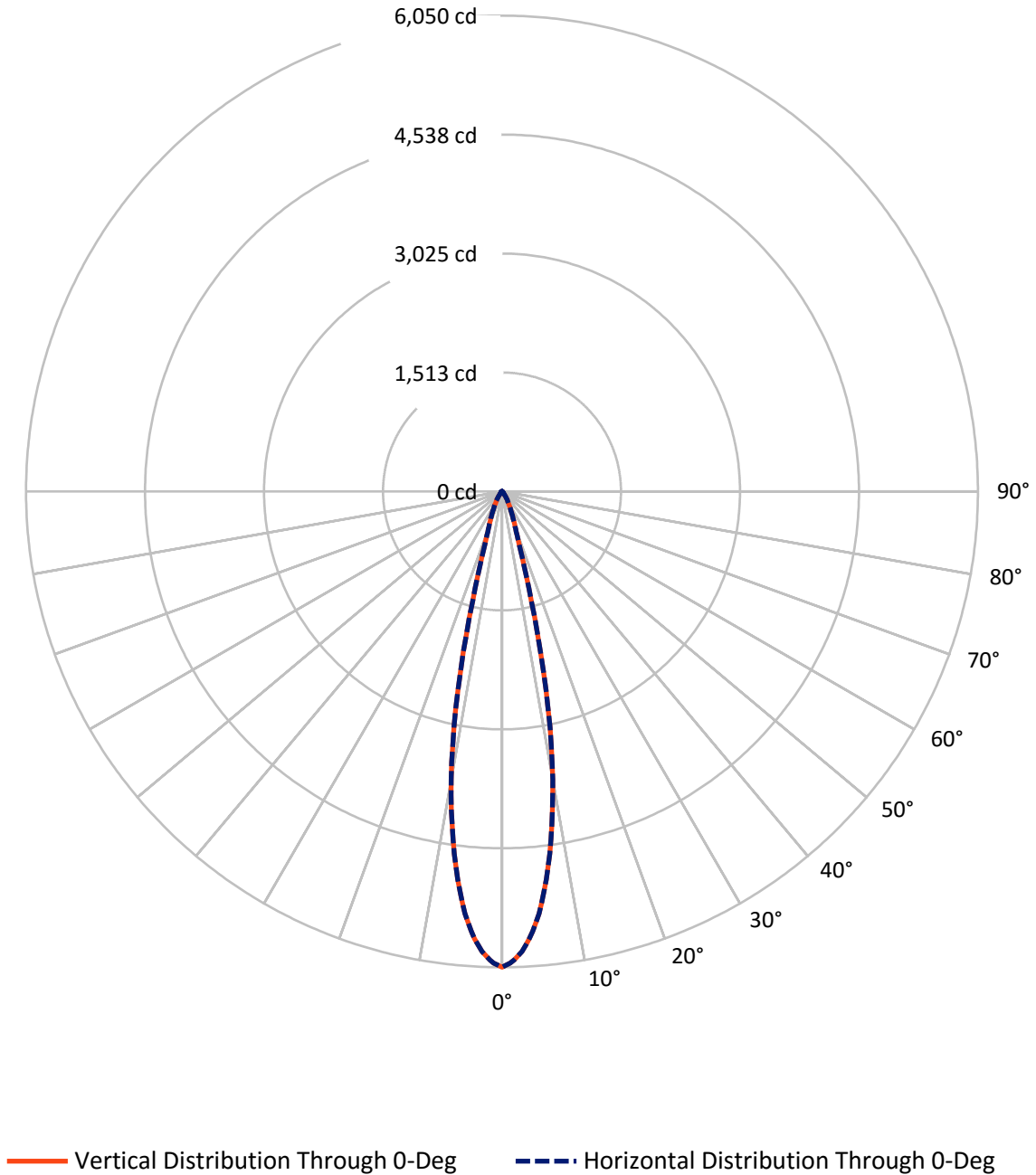
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Lumen Table

90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0											
80	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0											
70	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0					
60		0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1		0.1				
50	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1				
40		0.1	0.1	0.2	0.4	0.7	1.5	2.3	2.3	1.5	0.7	0.4	0.2	0.1	0.1					
30	0.1	0.1	0.1	0.3	0.6	2.2	5.3	8.2	8.2	5.3	2.2	0.6	0.3	0.1	0.1	0.1				
20		0.1	0.2	0.3	1.3	5.0	14.6	41.9	41.9	14.6	5.0	1.3	0.3	0.2	0.1					
10	0.1	0.1	0.2	0.4	1.9	7.5	40.9	135.1	135.1	40.9	7.5	1.9	0.4	0.2	0.1	0.1				
0		0.1	0.2	0.4	1.9	7.5	40.9	135.1	135.1	40.9	7.5	1.9	0.4	0.2	0.1					
-10	0.1	0.1	0.2	0.3	1.3	5.0	14.6	41.9	41.9	14.6	5.0	1.3	0.3	0.2	0.1	0.1				
-20		0.1	0.1	0.3	0.6	2.2	5.3	8.2	8.2	5.3	2.2	0.6	0.3	0.1	0.1					
-30	0.1	0.1	0.1	0.2	0.4	0.7	1.5	2.3	2.3	1.5	0.7	0.4	0.2	0.1	0.1	0.1				
-40		0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1					
-50	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0				
-60		0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0					
-70	0.0	0.1	0.2	0.3	0.6	2.2	5.3	8.2	8.2	5.3	2.2	0.6	0.3	0.1	0.1	0.0				
-80		0.1	0.1	0.3	0.6	2.2	5.3	8.2	8.2	5.3	2.2	0.6	0.3	0.1	0.1					
-90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0											

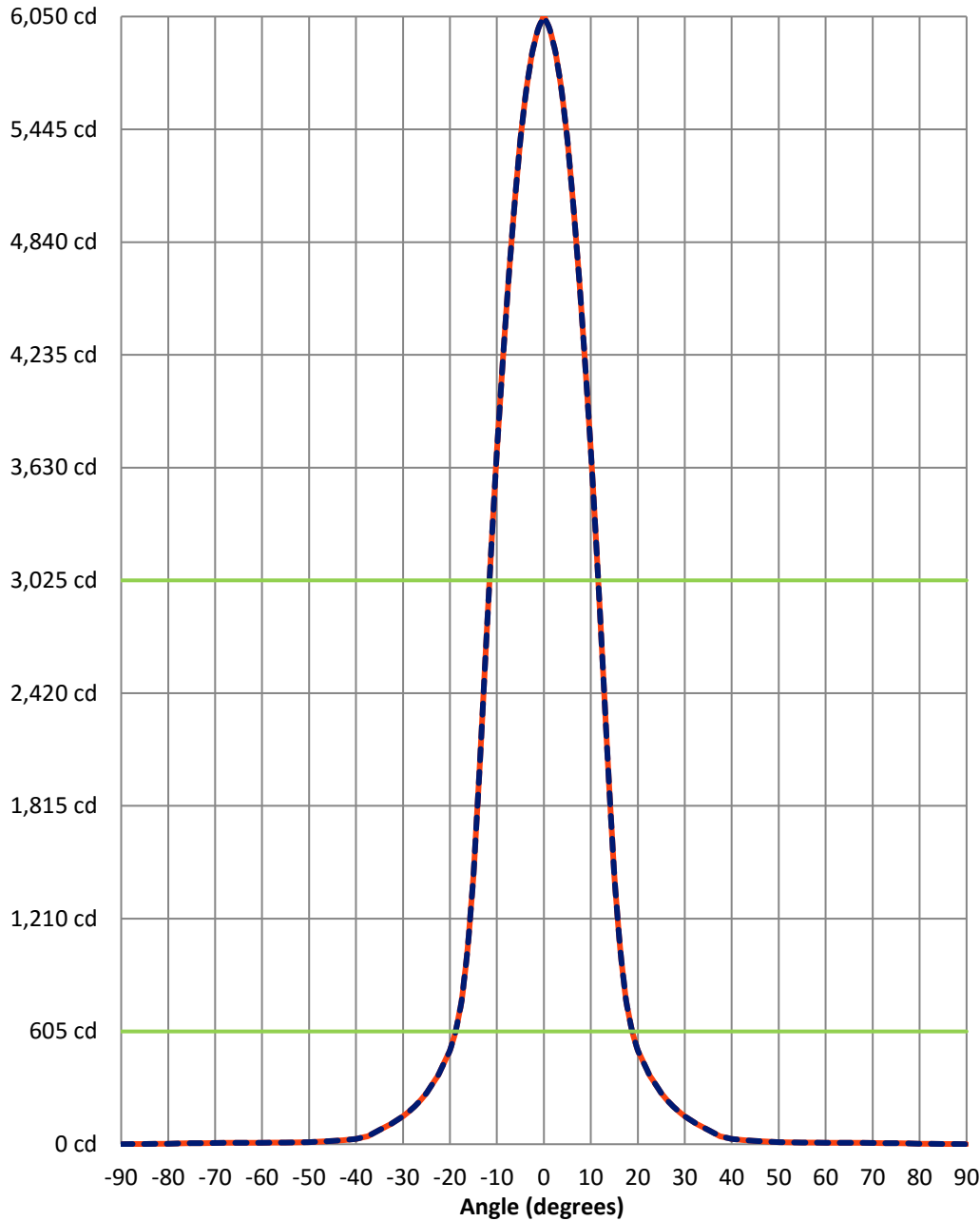
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.1°
 V Angle: 23.1°
 Lumens: 564.5
 Efficiency: 51.0%

Field:
 H Angle: 37.5°
 V Angle: 37.5°
 Lumens: 868
 Efficiency: 78.4%

Spill:
 Lumens: 238.9
 Efficiency: 21.6%

— 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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
81.25°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1
77.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.1
76.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1	1.1
75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.1	1.1	1.1
72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.1	1.1	1.1
71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1
70°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1
67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.1	1.1	1.1	1.1	1.1
66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1
65°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.2
63.75°	0.0	0.2	0.5	0.7	1.0	1.1	1.1	1.1	1.1	1.1	1.3
62.5°	0.0	0.3	0.5	0.8	1.0	1.1	1.1	1.1	1.1	1.2	1.4
61.25°	0.0	0.3	0.5	0.8	1.1	1.1	1.1	1.1	1.1	1.3	1.5
60°	0.0	0.3	0.5	0.8	1.1	1.1	1.1	1.1	1.1	1.4	1.6
58.75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.2	1.5	1.7
57.5°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.3	1.5	1.8
56.25°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.3	1.6	1.9
55°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.4	1.7	2.0
53.75°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.5	1.8	2.1
52.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.6	1.9	2.2
51.25°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.3	1.6	2.0	2.2
50°	0.0	0.4	0.7	1.1	1.1	1.1	1.1	1.4	1.7	2.1	2.2
48.75°	0.0	0.4	0.7	1.1	1.1	1.1	1.1	1.4	1.8	2.2	2.2
47.5°	0.0	0.4	0.7	1.1	1.1	1.1	1.1	1.5	1.9	2.2	2.2
46.25°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.6	1.9	2.2	2.2
45°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.6	2.0	2.2	2.2
43.75°	0.0	0.4	0.8	1.1	1.1	1.1	1.3	1.7	2.1	2.2	2.2
42.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.3	1.7	2.1	2.2	2.2
41.25°	0.0	0.4	0.8	1.1	1.1	1.1	1.4	1.8	2.2	2.2	2.2
40°	0.0	0.4	0.8	1.1	1.1	1.1	1.4	1.8	2.2	2.2	2.2
38.75°	0.0	0.4	0.9	1.1	1.1	1.1	1.5	1.9	2.2	2.2	2.2
37.5°	0.0	0.4	0.9	1.1	1.1	1.1	1.5	1.9	2.2	2.2	2.2
36.25°	0.0	0.4	0.9	1.1	1.1	1.1	1.6	2.0	2.2	2.2	2.2
35°	0.0	0.5	0.9	1.1	1.1	1.2	1.6	2.0	2.2	2.2	2.4



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°
33.75°	0.0	0.5	0.9	1.1	1.1	1.2	1.6	2.1	2.2	2.2	2.5
32.5°	0.0	0.5	0.9	1.1	1.1	1.2	1.7	2.1	2.2	2.2	2.7
31.25°	0.0	0.5	0.9	1.1	1.1	1.2	1.7	2.2	2.2	2.2	2.8
30°	0.0	0.5	1.0	1.1	1.1	1.3	1.8	2.2	2.2	2.2	2.9
28.75°	0.0	0.5	1.0	1.1	1.1	1.3	1.8	2.2	2.2	2.2	3.0
27.5°	0.0	0.5	1.0	1.1	1.1	1.3	1.8	2.2	2.2	2.2	3.1
26.25°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.3	3.3
25°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.4	3.4
23.75°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.5	3.5
22.5°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.5	3.6
21.25°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.6	3.6
20°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.7	3.7
18.75°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.8	3.8
17.5°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.8	3.9
16.25°	0.0	0.5	1.1	1.1	1.1	1.5	2.1	2.2	2.2	2.9	4.0
15°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.0	4.0
13.75°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.0	4.1
12.5°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.1	4.1
11.25°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.1	4.2
10°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.1	4.2
8.75°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.2	4.3
7.5°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.2	4.3
6.25°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.2	4.3
5°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
3.75°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
2.5°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
1.25°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
0°	0.0	0.5	1.1	1.1	1.1	1.7	2.2	2.2	2.2	3.3	4.4
-1.25°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
-2.5°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
-3.75°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
-5°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.3	4.4
-6.25°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.2	4.3
-7.5°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.2	4.3
-8.75°	0.0	0.5	1.1	1.1	1.1	1.6	2.2	2.2	2.2	3.2	4.3
-10°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.1	4.2
-11.25°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.1	4.2
-12.5°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.1	4.1
-13.75°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.0	4.1
-15°	0.0	0.5	1.1	1.1	1.1	1.6	2.1	2.2	2.2	3.0	4.0
-16.25°	0.0	0.5	1.1	1.1	1.1	1.5	2.1	2.2	2.2	2.9	4.0
-17.5°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.8	3.9
-18.75°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.8	3.8
-20°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.7	3.7
-21.25°	0.0	0.5	1.0	1.1	1.1	1.5	2.0	2.2	2.2	2.6	3.6



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°
-22.5°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.5	3.6
-23.75°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.5	3.5
-25°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.4	3.4
-26.25°	0.0	0.5	1.0	1.1	1.1	1.4	1.9	2.2	2.2	2.3	3.3
-27.5°	0.0	0.5	1.0	1.1	1.1	1.3	1.8	2.2	2.2	2.2	3.1
-28.75°	0.0	0.5	1.0	1.1	1.1	1.3	1.8	2.2	2.2	2.2	3.0
-30°	0.0	0.5	1.0	1.1	1.1	1.3	1.8	2.2	2.2	2.2	2.9
-31.25°	0.0	0.5	0.9	1.1	1.1	1.2	1.7	2.2	2.2	2.2	2.8
-32.5°	0.0	0.5	0.9	1.1	1.1	1.2	1.7	2.1	2.2	2.2	2.7
-33.75°	0.0	0.5	0.9	1.1	1.1	1.2	1.6	2.1	2.2	2.2	2.5
-35°	0.0	0.5	0.9	1.1	1.1	1.2	1.6	2.0	2.2	2.2	2.4
-36.25°	0.0	0.4	0.9	1.1	1.1	1.1	1.6	2.0	2.2	2.2	2.2
-37.5°	0.0	0.4	0.9	1.1	1.1	1.1	1.5	1.9	2.2	2.2	2.2
-38.75°	0.0	0.4	0.9	1.1	1.1	1.1	1.5	1.9	2.2	2.2	2.2
-40°	0.0	0.4	0.8	1.1	1.1	1.1	1.4	1.8	2.2	2.2	2.2
-41.25°	0.0	0.4	0.8	1.1	1.1	1.1	1.4	1.8	2.2	2.2	2.2
-42.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.3	1.7	2.1	2.2	2.2
-43.75°	0.0	0.4	0.8	1.1	1.1	1.1	1.3	1.7	2.1	2.2	2.2
-45°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.6	2.0	2.2	2.2
-46.25°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.6	1.9	2.2	2.2
-47.5°	0.0	0.4	0.7	1.1	1.1	1.1	1.1	1.5	1.9	2.2	2.2
-48.75°	0.0	0.4	0.7	1.1	1.1	1.1	1.1	1.4	1.8	2.2	2.2
-50°	0.0	0.4	0.7	1.1	1.1	1.1	1.1	1.4	1.7	2.1	2.2
-51.25°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.3	1.6	2.0	2.2
-52.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.6	1.9	2.2
-53.75°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.5	1.8	2.1
-55°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.4	1.7	2.0
-56.25°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.3	1.6	1.9
-57.5°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.3	1.5	1.8
-58.75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.2	1.5	1.7
-60°	0.0	0.3	0.5	0.8	1.1	1.1	1.1	1.1	1.1	1.4	1.6
-61.25°	0.0	0.3	0.5	0.8	1.1	1.1	1.1	1.1	1.1	1.3	1.5
-62.5°	0.0	0.3	0.5	0.8	1.0	1.1	1.1	1.1	1.1	1.2	1.4
-63.75°	0.0	0.2	0.5	0.7	1.0	1.1	1.1	1.1	1.1	1.1	1.3
-65°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.2
-66.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1
-67.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.1	1.1	1.1	1.1	1.1
-68.75°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.1
-70°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
-71.25°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1
-72.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.1	1.1	1.1
-73.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.1	1.1	1.1
-75°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
-76.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.1	1.1
-77.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.1



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.9
-81.25°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7
-83.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-86.25°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-88.75°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1
82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
81.25°	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
78.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3
76.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.6
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.5	1.7	1.8
73.75°	1.1	1.1	1.1	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0
72.5°	1.1	1.1	1.1	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.2
71.25°	1.1	1.1	1.2	1.3	1.5	1.7	1.8	2.0	2.2	2.2	2.2
70°	1.1	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.2	2.2	2.2
68.75°	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.2	2.2	2.2	2.2
67.5°	1.2	1.4	1.6	1.8	2.0	2.2	2.2	2.2	2.2	2.2	2.2
66.25°	1.3	1.5	1.7	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.4
65°	1.4	1.7	1.9	2.1	2.2	2.2	2.2	2.2	2.2	2.5	2.9
63.75°	1.6	1.8	2.0	2.2	2.2	2.2	2.2	2.2	2.4	2.9	3.3
62.5°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.4	2.8	3.3	3.8
61.25°	1.8	2.0	2.2	2.2	2.2	2.2	2.2	2.7	3.2	3.7	4.2
60°	1.9	2.2	2.2	2.2	2.2	2.2	2.6	3.1	3.6	4.1	4.5
58.75°	2.0	2.2	2.2	2.2	2.2	2.4	2.9	3.5	4.0	4.5	4.7
57.5°	2.1	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.4	4.7	4.9
56.25°	2.2	2.2	2.2	2.2	2.5	3.0	3.6	4.2	4.6	4.9	5.2
55°	2.2	2.2	2.2	2.2	2.7	3.4	4.0	4.5	4.8	5.1	5.4
53.75°	2.2	2.2	2.2	2.4	3.0	3.7	4.3	4.7	5.0	5.3	5.5
52.5°	2.2	2.2	2.2	2.7	3.3	4.0	4.5	4.8	5.1	5.5	5.5
51.25°	2.2	2.2	2.3	2.9	3.6	4.3	4.7	5.0	5.3	5.5	5.5
50°	2.2	2.2	2.5	3.2	3.9	4.5	4.8	5.2	5.5	5.5	5.5
48.75°	2.2	2.2	2.8	3.5	4.2	4.6	5.0	5.3	5.5	5.5	5.5
47.5°	2.2	2.3	3.0	3.7	4.4	4.8	5.1	5.5	5.5	5.5	5.5
46.25°	2.2	2.5	3.2	4.0	4.6	4.9	5.3	5.5	5.5	5.5	5.6
45°	2.2	2.7	3.4	4.2	4.7	5.1	5.4	5.5	5.5	5.5	5.8
43.75°	2.2	2.9	3.7	4.4	4.8	5.2	5.5	5.5	5.5	5.5	6.0
42.5°	2.3	3.1	3.9	4.5	4.9	5.3	5.5	5.5	5.5	5.8	6.2
41.25°	2.5	3.3	4.1	4.6	5.1	5.5	5.5	5.5	5.6	6.0	6.3
40°	2.6	3.5	4.3	4.8	5.2	5.5	5.5	5.5	5.7	6.1	6.5
38.75°	2.8	3.6	4.4	4.9	5.3	5.5	5.5	5.5	5.9	6.3	6.7
37.5°	3.0	3.8	4.5	5.0	5.4	5.5	5.5	5.6	6.0	6.4	6.8
36.25°	3.1	4.0	4.6	5.1	5.5	5.5	5.5	5.7	6.1	6.6	7.0
35°	3.3	4.2	4.7	5.2	5.5	5.5	5.5	5.8	6.3	6.7	7.1



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	3.4	4.3	4.8	5.3	5.5	5.5	5.5	6.0	6.4	6.8	7.2
32.5°	3.6	4.4	4.9	5.4	5.5	5.5	5.6	6.1	6.5	7.0	7.4
31.25°	3.7	4.5	5.0	5.5	5.5	5.5	5.7	6.2	6.7	7.1	7.5
30°	3.9	4.6	5.1	5.5	5.5	5.5	5.8	6.3	6.8	7.2	7.6
28.75°	4.0	4.7	5.1	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.6
27.5°	4.1	4.7	5.2	5.5	5.5	5.6	6.1	6.5	7.0	7.4	7.6
26.25°	4.2	4.8	5.3	5.5	5.5	5.7	6.1	6.6	7.1	7.5	7.6
25°	4.3	4.9	5.4	5.5	5.5	5.7	6.2	6.7	7.2	7.6	7.6
23.75°	4.4	4.9	5.4	5.5	5.5	5.8	6.3	6.8	7.3	7.6	7.6
22.5°	4.5	5.0	5.5	5.5	5.5	5.9	6.4	6.9	7.3	7.6	7.6
21.25°	4.5	5.0	5.5	5.5	5.5	6.0	6.5	7.0	7.4	7.6	7.6
20°	4.6	5.1	5.5	5.5	5.5	6.0	6.6	7.0	7.5	7.6	7.6
18.75°	4.6	5.1	5.5	5.5	5.6	6.1	6.6	7.1	7.6	7.6	7.6
17.5°	4.7	5.2	5.5	5.5	5.7	6.2	6.7	7.2	7.6	7.6	7.6
16.25°	4.7	5.2	5.5	5.5	5.7	6.2	6.7	7.2	7.6	7.6	7.6
15°	4.7	5.3	5.5	5.5	5.8	6.3	6.8	7.3	7.6	7.6	7.6
13.75°	4.8	5.3	5.5	5.5	5.8	6.3	6.8	7.3	7.6	7.6	7.6
12.5°	4.8	5.3	5.5	5.5	5.8	6.4	6.9	7.4	7.6	7.6	7.6
11.25°	4.8	5.4	5.5	5.5	5.9	6.4	6.9	7.4	7.6	7.6	7.6
10°	4.9	5.4	5.5	5.5	5.9	6.5	7.0	7.5	7.6	7.6	7.6
8.75°	4.9	5.4	5.5	5.5	6.0	6.5	7.0	7.5	7.6	7.6	7.6
7.5°	4.9	5.4	5.5	5.5	6.0	6.5	7.0	7.5	7.6	7.6	7.6
6.25°	4.9	5.5	5.5	5.5	6.0	6.5	7.0	7.5	7.6	7.6	7.6
5°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
3.75°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
2.5°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
1.25°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
0°	5.0	5.5	5.5	5.5	6.1	6.6	7.1	7.6	7.6	7.6	7.6
-1.25°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
-2.5°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
-3.75°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
-5°	4.9	5.5	5.5	5.5	6.0	6.6	7.1	7.6	7.6	7.6	7.6
-6.25°	4.9	5.5	5.5	5.5	6.0	6.5	7.0	7.5	7.6	7.6	7.6
-7.5°	4.9	5.4	5.5	5.5	6.0	6.5	7.0	7.5	7.6	7.6	7.6
-8.75°	4.9	5.4	5.5	5.5	6.0	6.5	7.0	7.5	7.6	7.6	7.6
-10°	4.9	5.4	5.5	5.5	5.9	6.5	7.0	7.5	7.6	7.6	7.6
-11.25°	4.8	5.4	5.5	5.5	5.9	6.4	6.9	7.4	7.6	7.6	7.6
-12.5°	4.8	5.3	5.5	5.5	5.8	6.4	6.9	7.4	7.6	7.6	7.6
-13.75°	4.8	5.3	5.5	5.5	5.8	6.3	6.8	7.3	7.6	7.6	7.6
-15°	4.7	5.3	5.5	5.5	5.8	6.3	6.8	7.3	7.6	7.6	7.6
-16.25°	4.7	5.2	5.5	5.5	5.7	6.2	6.7	7.2	7.6	7.6	7.6
-17.5°	4.7	5.2	5.5	5.5	5.7	6.2	6.7	7.2	7.6	7.6	7.6
-18.75°	4.6	5.1	5.5	5.5	5.6	6.1	6.6	7.1	7.6	7.6	7.6
-20°	4.6	5.1	5.5	5.5	5.5	6.0	6.6	7.0	7.5	7.6	7.6
-21.25°	4.5	5.0	5.5	5.5	5.5	6.0	6.5	7.0	7.4	7.6	7.6



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	4.5	5.0	5.5	5.5	5.5	5.9	6.4	6.9	7.3	7.6	7.6
-23.75°	4.4	4.9	5.4	5.5	5.5	5.8	6.3	6.8	7.3	7.6	7.6
-25°	4.3	4.9	5.4	5.5	5.5	5.7	6.2	6.7	7.2	7.6	7.6
-26.25°	4.2	4.8	5.3	5.5	5.5	5.7	6.1	6.6	7.1	7.5	7.6
-27.5°	4.1	4.7	5.2	5.5	5.5	5.6	6.1	6.5	7.0	7.4	7.6
-28.75°	4.0	4.7	5.1	5.5	5.5	5.5	6.0	6.4	6.9	7.3	7.6
-30°	3.9	4.6	5.1	5.5	5.5	5.5	5.8	6.3	6.8	7.2	7.6
-31.25°	3.7	4.5	5.0	5.5	5.5	5.5	5.7	6.2	6.7	7.1	7.5
-32.5°	3.6	4.4	4.9	5.4	5.5	5.5	5.6	6.1	6.5	7.0	7.4
-33.75°	3.4	4.3	4.8	5.3	5.5	5.5	5.5	6.0	6.4	6.8	7.2
-35°	3.3	4.2	4.7	5.2	5.5	5.5	5.5	5.8	6.3	6.7	7.1
-36.25°	3.1	4.0	4.6	5.1	5.5	5.5	5.5	5.7	6.1	6.6	7.0
-37.5°	3.0	3.8	4.5	5.0	5.4	5.5	5.5	5.6	6.0	6.4	6.8
-38.75°	2.8	3.6	4.4	4.9	5.3	5.5	5.5	5.5	5.9	6.3	6.7
-40°	2.6	3.5	4.3	4.8	5.2	5.5	5.5	5.5	5.7	6.1	6.5
-41.25°	2.5	3.3	4.1	4.6	5.1	5.5	5.5	5.5	5.6	6.0	6.3
-42.5°	2.3	3.1	3.9	4.5	4.9	5.3	5.5	5.5	5.5	5.8	6.2
-43.75°	2.2	2.9	3.7	4.4	4.8	5.2	5.5	5.5	5.5	5.6	6.0
-45°	2.2	2.7	3.4	4.2	4.7	5.1	5.4	5.5	5.5	5.5	5.8
-46.25°	2.2	2.5	3.2	4.0	4.6	4.9	5.3	5.5	5.5	5.5	5.6
-47.5°	2.2	2.3	3.0	3.7	4.4	4.8	5.1	5.5	5.5	5.5	5.5
-48.75°	2.2	2.2	2.8	3.5	4.2	4.6	5.0	5.3	5.5	5.5	5.5
-50°	2.2	2.2	2.5	3.2	3.9	4.5	4.8	5.2	5.5	5.5	5.5
-51.25°	2.2	2.2	2.3	2.9	3.6	4.3	4.7	5.0	5.3	5.5	5.5
-52.5°	2.2	2.2	2.2	2.7	3.3	4.0	4.5	4.8	5.1	5.5	5.5
-53.75°	2.2	2.2	2.2	2.4	3.0	3.7	4.3	4.7	5.0	5.3	5.5
-55°	2.2	2.2	2.2	2.2	2.7	3.4	4.0	4.5	4.8	5.1	5.4
-56.25°	2.2	2.2	2.2	2.2	2.5	3.0	3.6	4.2	4.6	4.9	5.2
-57.5°	2.1	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.4	4.7	4.9
-58.75°	2.0	2.2	2.2	2.2	2.2	2.4	2.9	3.5	4.0	4.5	4.7
-60°	1.9	2.2	2.2	2.2	2.2	2.2	2.6	3.1	3.6	4.1	4.5
-61.25°	1.8	2.0	2.2	2.2	2.2	2.2	2.2	2.7	3.2	3.7	4.2
-62.5°	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.4	2.8	3.3	3.8
-63.75°	1.6	1.8	2.0	2.2	2.2	2.2	2.2	2.2	2.4	2.9	3.3
-65°	1.4	1.7	1.9	2.1	2.2	2.2	2.2	2.2	2.2	2.5	2.9
-66.25°	1.3	1.5	1.7	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.4
-67.5°	1.2	1.4	1.6	1.8	2.0	2.2	2.2	2.2	2.2	2.2	2.2
-68.75°	1.1	1.3	1.5	1.7	1.8	2.0	2.2	2.2	2.2	2.2	2.2
-70°	1.1	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.2	2.2	2.2
-71.25°	1.1	1.1	1.2	1.3	1.5	1.7	1.8	2.0	2.2	2.2	2.2
-72.5°	1.1	1.1	1.1	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.2
-73.75°	1.1	1.1	1.1	1.1	1.2	1.3	1.5	1.6	1.7	1.9	2.0
-75°	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.5	1.7	1.8
-76.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.6
-77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3



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CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-80°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-81.25°	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-82.5°	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-83.75°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1
-85°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
-86.25°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
-87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
-88.75°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
81.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.4
80°	1.1	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
78.75°	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1
77.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.2
76.25°	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2
75°	1.9	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
73.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.5
72.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.7	2.9	3.2
71.25°	2.2	2.2	2.2	2.2	2.2	2.5	2.7	3.0	3.3	3.6	3.9
70°	2.2	2.2	2.2	2.4	2.7	3.0	3.4	3.7	4.0	4.3	4.5
68.75°	2.2	2.2	2.6	2.9	3.3	3.6	4.0	4.3	4.5	4.7	4.8
67.5°	2.4	2.7	3.1	3.5	3.8	4.2	4.5	4.7	4.8	5.0	5.2
66.25°	2.8	3.2	3.6	4.0	4.4	4.6	4.8	5.0	5.1	5.3	5.5
65°	3.3	3.7	4.1	4.5	4.7	4.9	5.1	5.3	5.5	5.5	5.5
63.75°	3.8	4.2	4.5	4.7	4.9	5.2	5.4	5.5	5.5	5.5	5.5
62.5°	4.2	4.5	4.8	5.0	5.2	5.4	5.5	5.5	5.5	5.5	5.5
61.25°	4.5	4.8	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.7
60°	4.8	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.6	5.8	6.0
58.75°	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.7	5.9	6.1	6.4
57.5°	5.2	5.5	5.5	5.5	5.5	5.5	5.7	6.0	6.2	6.4	6.7
56.25°	5.4	5.5	5.5	5.5	5.5	5.7	6.0	6.2	6.5	6.7	7.0
55°	5.5	5.5	5.5	5.5	5.7	6.0	6.3	6.5	6.8	7.0	7.3
53.75°	5.5	5.5	5.5	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.5
52.5°	5.5	5.5	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.6
51.25°	5.5	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.6	7.6
50°	5.5	5.7	6.0	6.4	6.7	7.0	7.3	7.5	7.6	7.6	7.6
48.75°	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.6	7.6	7.6	7.6
47.5°	5.8	6.1	6.5	6.8	7.1	7.4	7.6	7.6	7.6	7.6	7.6
46.25°	6.0	6.3	6.7	7.0	7.3	7.6	7.6	7.6	7.6	7.6	7.6
45°	6.2	6.5	6.9	7.2	7.5	7.6	7.6	7.6	7.6	7.6	7.6
43.75°	6.4	6.7	7.1	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6
42.5°	6.6	6.9	7.3	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
41.25°	6.7	7.1	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
40°	6.9	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
38.75°	7.0	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
37.5°	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.9
36.25°	7.3	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	8.1
35°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.8	8.2	8.6
32.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.4	8.7
31.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.8	8.2	8.6	8.7
30°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.4	8.7	8.7
28.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.7	8.1	8.6	8.7	8.7
27.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.9	8.3	8.7	8.7	8.7
26.25°	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.5	8.7	8.7	8.8
25°	7.6	7.6	7.6	7.6	7.6	7.7	8.2	8.7	8.7	8.7	9.0
23.75°	7.6	7.6	7.6	7.6	7.6	7.8	8.3	8.7	8.7	8.7	9.2
22.5°	7.6	7.6	7.6	7.6	7.6	8.0	8.5	8.7	8.7	8.8	9.3
21.25°	7.6	7.6	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.0	9.5
20°	7.6	7.6	7.6	7.6	7.7	8.2	8.7	8.7	8.7	9.2	9.6
18.75°	7.6	7.6	7.6	7.6	7.9	8.4	8.7	8.7	8.8	9.3	9.8
17.5°	7.6	7.6	7.6	7.6	8.0	8.5	8.7	8.7	8.9	9.4	9.9
16.25°	7.6	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.0	9.6	10.1
15°	7.6	7.6	7.6	7.6	8.2	8.7	8.7	8.7	9.1	9.7	10.2
13.75°	7.6	7.6	7.6	7.7	8.2	8.7	8.7	8.7	9.3	9.8	10.3
12.5°	7.6	7.6	7.6	7.8	8.3	8.7	8.7	8.8	9.3	9.9	10.4
11.25°	7.6	7.6	7.6	7.9	8.4	8.7	8.7	8.9	9.4	10.0	10.5
10°	7.6	7.6	7.6	7.9	8.5	8.7	8.7	9.0	9.5	10.0	10.6
8.75°	7.6	7.6	7.6	8.0	8.5	8.7	8.7	9.0	9.6	10.1	10.7
7.5°	7.6	7.6	7.6	8.0	8.6	8.7	8.7	9.1	9.6	10.2	10.7
6.25°	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.1	9.7	10.2	10.8
5°	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.2	9.7	10.3	10.8
3.75°	7.6	7.6	7.6	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9
2.5°	7.6	7.6	7.6	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9
1.25°	7.6	7.6	7.6	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9
0°	7.6	7.6	7.6	8.2	8.7	8.7	8.7	9.3	9.8	10.4	10.9
-1.25°	7.6	7.6	7.6	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9
-2.5°	7.6	7.6	7.6	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9
-3.75°	7.6	7.6	7.6	8.1	8.7	8.7	8.7	9.2	9.8	10.3	10.9
-5°	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.2	9.7	10.3	10.8
-6.25°	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.1	9.7	10.2	10.8
-7.5°	7.6	7.6	7.6	8.0	8.6	8.7	8.7	9.1	9.6	10.2	10.7
-8.75°	7.6	7.6	7.6	8.0	8.5	8.7	8.7	9.0	9.6	10.1	10.7
-10°	7.6	7.6	7.6	7.9	8.5	8.7	8.7	9.0	9.5	10.0	10.6
-11.25°	7.6	7.6	7.6	7.9	8.4	8.7	8.7	8.9	9.4	10.0	10.5
-12.5°	7.6	7.6	7.6	7.8	8.3	8.7	8.7	8.8	9.3	9.9	10.4
-13.75°	7.6	7.6	7.6	7.7	8.2	8.7	8.7	8.7	9.3	9.8	10.3
-15°	7.6	7.6	7.6	7.6	8.2	8.7	8.7	8.7	9.1	9.7	10.2
-16.25°	7.6	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.0	9.6	10.1
-17.5°	7.6	7.6	7.6	7.6	8.0	8.5	8.7	8.7	8.9	9.4	9.9
-18.75°	7.6	7.6	7.6	7.6	7.9	8.4	8.7	8.7	8.8	9.3	9.8
-20°	7.6	7.6	7.6	7.6	7.7	8.2	8.7	8.7	8.7	9.2	9.6
-21.25°	7.6	7.6	7.6	7.6	7.6	8.1	8.6	8.7	8.7	9.0	9.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	7.6	7.6	7.6	7.6	7.6	8.0	8.5	8.7	8.7	8.8	9.3
-23.75°	7.6	7.6	7.6	7.6	7.6	7.8	8.3	8.7	8.7	8.7	9.2
-25°	7.6	7.6	7.6	7.6	7.6	7.7	8.2	8.7	8.7	8.7	9.0
-26.25°	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.5	8.7	8.7	8.8
-27.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.9	8.3	8.7	8.7	8.7
-28.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.7	8.1	8.6	8.7	8.7
-30°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.4	8.7	8.7
-31.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.8	8.2	8.6	8.7
-32.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.4	8.7
-33.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.8	8.2	8.6
-35°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.4
-36.25°	7.3	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	8.1
-37.5°	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.9
-38.75°	7.0	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-40°	6.9	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-41.25°	6.7	7.1	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-42.5°	6.6	6.9	7.3	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-43.75°	6.4	6.7	7.1	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-45°	6.2	6.5	6.9	7.2	7.5	7.6	7.6	7.6	7.6	7.6	7.6
-46.25°	6.0	6.3	6.7	7.0	7.3	7.6	7.6	7.6	7.6	7.6	7.6
-47.5°	5.8	6.1	6.5	6.8	7.1	7.4	7.6	7.6	7.6	7.6	7.6
-48.75°	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.6	7.6	7.6	7.6
-50°	5.5	5.7	6.0	6.4	6.7	7.0	7.3	7.5	7.6	7.6	7.6
-51.25°	5.5	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.6	7.6
-52.5°	5.5	5.5	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.6
-53.75°	5.5	5.5	5.5	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.5
-55°	5.5	5.5	5.5	5.5	5.7	6.0	6.3	6.5	6.8	7.0	7.3
-56.25°	5.4	5.5	5.5	5.5	5.5	5.7	6.0	6.2	6.5	6.7	7.0
-57.5°	5.2	5.5	5.5	5.5	5.5	5.5	5.7	6.0	6.2	6.4	6.7
-58.75°	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.7	5.9	6.1	6.4
-60°	4.8	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.6	5.8	6.0
-61.25°	4.5	4.8	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.7
-62.5°	4.2	4.5	4.8	5.0	5.2	5.4	5.5	5.5	5.5	5.5	5.5
-63.75°	3.8	4.2	4.5	4.7	4.9	5.2	5.4	5.5	5.5	5.5	5.5
-65°	3.3	3.7	4.1	4.5	4.7	4.9	5.1	5.3	5.5	5.5	5.5
-66.25°	2.8	3.2	3.6	4.0	4.4	4.6	4.8	5.0	5.1	5.3	5.5
-67.5°	2.4	2.7	3.1	3.5	3.8	4.2	4.5	4.7	4.8	5.0	5.2
-68.75°	2.2	2.2	2.6	2.9	3.3	3.6	4.0	4.3	4.5	4.7	4.8
-70°	2.2	2.2	2.2	2.4	2.7	3.0	3.4	3.7	4.0	4.3	4.5
-71.25°	2.2	2.2	2.2	2.2	2.2	2.5	2.7	3.0	3.3	3.6	3.9
-72.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.7	2.9	3.2
-73.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.5
-75°	1.9	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-76.25°	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2
-77.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-80°	1.1	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
-81.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.4
-82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-88.75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6
81.25°	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
80°	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.2
78.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
76.25°	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.6	2.8	3.0	3.1
75°	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0
73.75°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.4	4.5	4.6
72.5°	3.5	3.7	4.0	4.2	4.4	4.5	4.6	4.8	4.9	5.0	5.1
71.25°	4.2	4.4	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5
70°	4.6	4.8	4.9	5.1	5.2	5.3	5.5	5.5	5.5	5.5	5.5
68.75°	5.0	5.1	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5
67.5°	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7
66.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7	5.9	6.0	6.1
65°	5.5	5.5	5.5	5.5	5.6	5.8	6.0	6.1	6.3	6.4	6.6
63.75°	5.5	5.5	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0
62.5°	5.6	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.0	7.2	7.3
61.25°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.6
60°	6.3	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.6	7.6	7.6
58.75°	6.6	6.8	7.0	7.2	7.4	7.6	7.6	7.6	7.6	7.6	7.6
57.5°	6.9	7.1	7.3	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6
56.25°	7.2	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
55°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
53.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
52.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
51.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7
50°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.9	8.1
48.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	8.0	8.3	8.5
47.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.8	8.1	8.4	8.7	8.7
46.25°	7.6	7.6	7.6	7.6	7.6	7.9	8.2	8.5	8.7	8.7	8.7
45°	7.6	7.6	7.6	7.6	7.9	8.2	8.5	8.7	8.7	8.7	8.7
43.75°	7.6	7.6	7.6	7.9	8.2	8.6	8.7	8.7	8.7	8.7	9.0
42.5°	7.6	7.6	7.9	8.2	8.6	8.7	8.7	8.7	8.7	9.1	9.4
41.25°	7.6	7.8	8.2	8.5	8.7	8.7	8.7	8.8	9.1	9.4	9.7
40°	7.7	8.1	8.5	8.7	8.7	8.7	8.8	9.1	9.4	9.8	10.1
38.75°	8.0	8.4	8.7	8.7	8.7	8.7	9.1	9.4	9.8	10.1	10.4
37.5°	8.3	8.7	8.7	8.7	8.7	9.1	9.4	9.8	10.1	10.5	10.8
36.25°	8.5	8.7	8.7	8.7	9.0	9.4	9.7	10.1	10.4	10.8	11.7
35°	8.7	8.7	8.7	8.9	9.3	9.6	10.0	10.4	10.8	11.6	12.7



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	8.7	8.7	8.7	9.1	9.5	9.9	10.3	10.7	11.5	12.6	13.7
32.5°	8.7	8.7	9.0	9.4	9.8	10.2	10.6	11.2	12.4	13.5	14.7
31.25°	8.7	8.8	9.2	9.7	10.1	10.5	10.9	12.1	13.3	14.5	15.6
30°	8.7	9.1	9.5	9.9	10.3	10.8	11.7	13.0	14.2	15.4	16.6
28.75°	8.8	9.3	9.7	10.2	10.6	11.3	12.5	13.8	15.0	16.3	17.5
27.5°	9.0	9.5	9.9	10.4	10.8	12.0	13.3	14.6	15.9	17.1	18.7
26.25°	9.3	9.7	10.2	10.6	11.4	12.7	14.1	15.4	16.7	18.1	19.8
25°	9.4	9.9	10.4	10.8	12.1	13.4	14.8	16.1	17.5	19.2	20.9
23.75°	9.6	10.1	10.6	11.3	12.7	14.1	15.5	16.9	18.4	20.2	22.0
22.5°	9.8	10.3	10.8	11.9	13.4	14.8	16.2	17.6	19.4	21.2	23.6
21.25°	10.0	10.5	11.1	12.5	14.0	15.4	16.8	18.5	20.3	22.3	25.0
20°	10.1	10.6	11.6	13.1	14.5	16.0	17.4	19.3	21.2	23.7	26.5
18.75°	10.3	10.8	12.1	13.6	15.1	16.5	18.2	20.1	22.1	25.0	27.8
17.5°	10.4	11.1	12.6	14.1	15.6	17.1	18.9	20.8	23.3	26.2	30.0
16.25°	10.6	11.5	13.0	14.5	16.1	17.6	19.6	21.5	24.4	27.4	32.6
15°	10.7	11.9	13.4	15.0	16.5	18.2	20.2	22.4	25.4	28.5	35.0
13.75°	10.8	12.2	13.8	15.4	16.9	18.8	20.8	23.3	26.4	30.7	37.3
12.5°	11.0	12.6	14.2	15.7	17.3	19.3	21.3	24.2	27.3	32.7	39.4
11.25°	11.3	12.9	14.5	16.1	17.7	19.8	21.8	25.0	28.1	34.6	41.3
10°	11.5	13.2	14.8	16.4	18.1	20.2	22.5	25.7	29.4	36.2	43.7
8.75°	11.8	13.4	15.0	16.6	18.5	20.6	23.1	26.3	30.8	37.7	47.3
7.5°	12.0	13.6	15.2	16.9	18.8	20.9	23.6	26.9	32.1	39.0	50.5
6.25°	12.2	13.8	15.4	17.1	19.0	21.2	24.1	27.3	33.1	40.1	53.3
5°	12.3	13.9	15.6	17.2	19.3	21.4	24.4	27.7	34.0	41.0	55.5
3.75°	12.4	14.1	15.7	17.3	19.4	21.6	24.7	28.0	34.6	41.7	57.2
2.5°	12.5	14.1	15.8	17.4	19.6	21.7	24.9	28.2	35.1	42.2	58.5
1.25°	12.5	14.2	15.8	17.5	19.6	21.8	25.1	28.4	35.4	42.5	59.2
0°	12.6	14.2	15.9	17.5	19.7	21.8	25.1	28.4	35.5	42.6	59.5
-1.25°	12.5	14.2	15.8	17.5	19.6	21.8	25.1	28.4	35.4	42.5	59.2
-2.5°	12.5	14.1	15.8	17.4	19.6	21.7	24.9	28.2	35.1	42.2	58.5
-3.75°	12.4	14.1	15.7	17.3	19.4	21.6	24.7	28.0	34.6	41.7	57.2
-5°	12.3	13.9	15.6	17.2	19.3	21.4	24.4	27.7	34.0	41.0	55.5
-6.25°	12.2	13.8	15.4	17.1	19.0	21.2	24.1	27.3	33.1	40.1	53.3
-7.5°	12.0	13.6	15.2	16.9	18.8	20.9	23.6	26.9	32.1	39.0	50.5
-8.75°	11.8	13.4	15.0	16.6	18.5	20.6	23.1	26.3	30.8	37.7	47.3
-10°	11.5	13.2	14.8	16.4	18.1	20.2	22.5	25.7	29.4	36.2	43.7
-11.25°	11.3	12.9	14.5	16.1	17.7	19.8	21.8	25.0	28.1	34.6	41.3
-12.5°	11.0	12.6	14.2	15.7	17.3	19.3	21.3	24.2	27.3	32.7	39.4
-13.75°	10.8	12.2	13.8	15.4	16.9	18.8	20.8	23.3	26.4	30.7	37.3
-15°	10.7	11.9	13.4	15.0	16.5	18.2	20.2	22.4	25.4	28.5	35.0
-16.25°	10.6	11.5	13.0	14.5	16.1	17.6	19.6	21.5	24.4	27.4	32.6
-17.5°	10.4	11.1	12.6	14.1	15.6	17.1	18.9	20.8	23.3	26.2	30.0
-18.75°	10.3	10.8	12.1	13.6	15.1	16.5	18.2	20.1	22.1	25.0	27.8
-20°	10.1	10.6	11.6	13.1	14.5	16.0	17.4	19.3	21.2	23.7	26.5
-21.25°	10.0	10.5	11.1	12.5	14.0	15.4	16.8	18.5	20.3	22.3	25.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	9.8	10.3	10.8	11.9	13.4	14.8	16.2	17.6	19.4	21.2	23.6
-23.75°	9.6	10.1	10.6	11.3	12.7	14.1	15.5	16.9	18.4	20.2	22.0
-25°	9.4	9.9	10.4	10.8	12.1	13.4	14.8	16.1	17.5	19.2	20.9
-26.25°	9.3	9.7	10.2	10.6	11.4	12.7	14.1	15.4	16.7	18.1	19.8
-27.5°	9.0	9.5	9.9	10.4	10.8	12.0	13.3	14.6	15.9	17.1	18.7
-28.75°	8.8	9.3	9.7	10.2	10.6	11.3	12.5	13.8	15.0	16.3	17.5
-30°	8.7	9.1	9.5	9.9	10.3	10.8	11.7	13.0	14.2	15.4	16.6
-31.25°	8.7	8.8	9.2	9.7	10.1	10.5	10.9	12.1	13.3	14.5	15.6
-32.5°	8.7	8.7	9.0	9.4	9.8	10.2	10.6	11.2	12.4	13.5	14.7
-33.75°	8.7	8.7	8.7	9.1	9.5	9.9	10.3	10.7	11.5	12.6	13.7
-35°	8.7	8.7	8.7	8.9	9.3	9.6	10.0	10.4	10.8	11.6	12.7
-36.25°	8.5	8.7	8.7	8.7	9.0	9.4	9.7	10.1	10.4	10.8	11.7
-37.5°	8.3	8.7	8.7	8.7	8.7	9.1	9.4	9.8	10.1	10.5	10.8
-38.75°	8.0	8.4	8.7	8.7	8.7	8.7	9.1	9.4	9.8	10.1	10.4
-40°	7.7	8.1	8.5	8.7	8.7	8.7	8.8	9.1	9.4	9.8	10.1
-41.25°	7.6	7.8	8.2	8.5	8.7	8.7	8.7	8.8	9.1	9.4	9.7
-42.5°	7.6	7.6	7.9	8.2	8.6	8.7	8.7	8.7	8.7	9.1	9.4
-43.75°	7.6	7.6	7.6	7.9	8.2	8.6	8.7	8.7	8.7	8.7	9.0
-45°	7.6	7.6	7.6	7.6	7.9	8.2	8.5	8.7	8.7	8.7	8.7
-46.25°	7.6	7.6	7.6	7.6	7.6	7.9	8.2	8.5	8.7	8.7	8.7
-47.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.8	8.1	8.4	8.7	8.7
-48.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	8.0	8.3	8.5
-50°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.9	8.1
-51.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7
-52.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-53.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-55°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-56.25°	7.2	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-57.5°	6.9	7.1	7.3	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-58.75°	6.6	6.8	7.0	7.2	7.4	7.6	7.6	7.6	7.6	7.6	7.6
-60°	6.3	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.6	7.6	7.6
-61.25°	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.6
-62.5°	5.6	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.0	7.2	7.3
-63.75°	5.5	5.5	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0
-65°	5.5	5.5	5.5	5.5	5.6	5.8	6.0	6.1	6.3	6.4	6.6
-66.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7	5.9	6.0	6.1
-67.5°	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7
-68.75°	5.0	5.1	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-70°	4.6	4.8	4.9	5.1	5.2	5.3	5.5	5.5	5.5	5.5	5.5
-71.25°	4.2	4.4	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5
-72.5°	3.5	3.7	4.0	4.2	4.4	4.5	4.6	4.8	4.9	5.0	5.1
-73.75°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.4	4.5	4.6
-75°	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0
-76.25°	2.2	2.2	2.2	2.2	2.2	2.3	2.5	2.6	2.8	3.0	3.1
-77.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-80°	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.2
-81.25°	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
-82.5°	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4
82.5°	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9
81.25°	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
78.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.5
77.5°	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.6
76.25°	3.3	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5
75°	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0
73.75°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5
72.5°	5.2	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
71.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
70°	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7	5.7	5.8	5.9
68.75°	5.5	5.5	5.6	5.7	5.8	6.0	6.1	6.1	6.2	6.3	6.4
67.5°	5.8	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
66.25°	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3
65°	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.6
63.75°	7.1	7.2	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6
62.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
57.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
56.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.8	8.0
55°	7.6	7.6	7.6	7.6	7.6	7.7	7.9	8.0	8.2	8.3	8.5
53.75°	7.6	7.6	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.7	8.7
52.5°	7.6	7.8	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7
51.25°	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.8
50°	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.2	9.3
48.75°	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.3	9.4	9.6	9.8
47.5°	8.7	8.7	8.7	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.3
46.25°	8.7	8.7	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.6	10.8
45°	8.9	9.1	9.4	9.7	9.9	10.2	10.4	10.6	10.8	11.3	11.9
43.75°	9.3	9.5	9.8	10.1	10.3	10.6	10.8	11.4	12.1	12.7	13.4
42.5°	9.6	9.9	10.2	10.5	10.8	11.3	12.0	12.7	13.4	14.1	14.8
41.25°	10.0	10.3	10.6	10.9	11.7	12.5	13.3	14.1	14.8	15.5	16.2
40°	10.4	10.7	11.2	12.1	13.0	13.8	14.6	15.4	16.1	16.9	17.6
38.75°	10.8	11.5	12.4	13.3	14.2	15.0	15.9	16.7	17.5	18.4	19.4
37.5°	11.6	12.6	13.5	14.5	15.4	16.3	17.1	18.1	19.2	20.2	21.2
36.25°	12.7	13.7	14.7	15.6	16.6	17.5	18.7	19.8	20.9	22.0	23.6
35°	13.7	14.8	15.8	16.8	17.8	19.1	20.3	21.4	23.0	24.6	26.2



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	14.8	15.8	16.9	18.0	19.3	20.6	21.9	23.7	25.5	27.2	29.5
32.5°	15.8	16.9	18.1	19.5	20.8	22.3	24.2	26.2	28.0	31.4	35.1
31.25°	16.8	18.0	19.5	20.9	22.5	24.6	26.6	28.8	32.9	36.9	40.7
30°	17.8	19.3	20.8	22.5	24.7	26.8	29.5	33.9	38.1	42.2	51.3
28.75°	19.1	20.6	22.3	24.6	26.8	29.7	34.3	38.9	44.2	54.3	64.2
27.5°	20.3	21.9	24.2	26.6	29.5	34.3	39.1	45.4	56.2	66.7	76.8
26.25°	21.4	23.7	26.2	28.8	33.9	38.9	45.4	56.8	67.9	78.7	88.9
25°	23.0	25.5	28.0	32.9	38.1	44.2	56.2	67.9	79.3	90.2	100.8
23.75°	24.6	27.2	31.4	36.9	42.2	54.3	66.7	78.7	90.2	101.4	113.1
22.5°	26.2	29.5	35.1	40.7	51.3	64.2	76.8	88.9	100.8	113.1	127.0
21.25°	27.8	32.9	38.7	47.0	60.4	73.7	86.4	98.8	111.4	126.1	140.5
20°	30.3	36.3	42.2	55.5	69.2	82.6	95.6	108.4	123.6	138.8	154.4
18.75°	33.3	39.4	49.4	63.6	77.6	91.1	104.4	119.4	135.3	151.2	169.8
17.5°	36.2	42.4	56.8	71.3	85.4	99.2	113.6	130.2	146.5	165.3	186.2
16.25°	38.9	48.9	63.8	78.5	92.7	106.8	123.5	140.5	158.8	180.0	203.0
15°	41.5	55.2	70.4	85.2	99.7	115.2	132.8	150.2	171.3	194.6	219.9
13.75°	45.6	61.1	76.5	91.4	106.2	123.5	141.5	161.3	184.2	209.3	237.5
12.5°	50.8	66.5	82.0	97.1	112.8	131.2	149.5	171.8	196.6	224.1	255.7
11.25°	55.5	71.5	87.0	102.4	119.6	138.3	158.5	182.3	208.7	238.6	273.2
10°	59.8	76.0	91.6	107.2	125.8	144.8	166.7	192.0	220.4	253.3	292.6
8.75°	63.7	79.9	95.7	111.9	131.2	150.7	174.6	201.4	231.6	267.0	310.2
7.5°	67.0	83.3	99.2	116.5	136.1	156.8	181.7	209.6	241.5	280.1	325.7
6.25°	69.9	86.2	102.2	120.4	140.2	162.1	187.9	216.9	251.2	292.7	339.0
5°	72.2	88.5	104.7	123.6	143.5	166.4	193.1	223.6	259.4	303.2	350.1
3.75°	74.0	90.4	106.7	126.1	146.2	169.8	197.5	228.8	265.7	311.4	358.8
2.5°	75.3	91.7	108.1	127.9	148.1	172.5	200.6	232.6	270.3	317.3	365.1
1.25°	76.1	92.5	108.9	129.0	149.2	174.1	202.5	234.8	273.1	320.9	368.8
0°	76.4	92.8	109.2	129.4	149.6	174.7	203.1	235.6	274.0	322.1	370.1
-1.25°	76.1	92.5	108.9	129.0	149.2	174.1	202.5	234.8	273.1	320.9	368.8
-2.5°	75.3	91.7	108.1	127.9	148.1	172.5	200.6	232.6	270.3	317.3	365.1
-3.75°	74.0	90.4	106.7	126.1	146.2	169.8	197.5	228.8	265.7	311.4	358.8
-5°	72.2	88.5	104.7	123.6	143.5	166.4	193.1	223.6	259.4	303.2	350.1
-6.25°	69.9	86.2	102.2	120.4	140.2	162.1	187.9	216.9	251.2	292.7	339.0
-7.5°	67.0	83.3	99.2	116.5	136.1	156.8	181.7	209.6	241.5	280.1	325.7
-8.75°	63.7	79.9	95.7	111.9	131.2	150.7	174.6	201.4	231.6	267.0	310.2
-10°	59.8	76.0	91.6	107.2	125.8	144.8	166.7	192.0	220.4	253.3	292.6
-11.25°	55.5	71.5	87.0	102.4	119.6	138.3	158.5	182.3	208.7	238.6	273.2
-12.5°	50.8	66.5	82.0	97.1	112.8	131.2	149.5	171.8	196.6	224.1	255.7
-13.75°	45.6	61.1	76.5	91.4	106.2	123.5	141.5	161.3	184.2	209.3	237.5
-15°	41.5	55.2	70.4	85.2	99.7	115.2	132.8	150.2	171.3	194.6	219.9
-16.25°	38.9	48.9	63.8	78.5	92.7	106.8	123.5	140.5	158.8	180.0	203.0
-17.5°	36.2	42.4	56.8	71.3	85.4	99.2	113.6	130.2	146.5	165.3	186.2
-18.75°	33.3	39.4	49.4	63.6	77.6	91.1	104.4	119.4	135.3	151.2	169.8
-20°	30.3	36.3	42.2	55.5	69.2	82.6	95.6	108.4	123.6	138.8	154.4
-21.25°	27.8	32.9	38.7	47.0	60.4	73.7	86.4	98.8	111.4	126.1	140.5



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	26.2	29.5	35.1	40.7	51.3	64.2	76.8	88.9	100.8	113.1	127.0
-23.75°	24.6	27.2	31.4	36.9	42.2	54.3	66.7	78.7	90.2	101.4	113.1
-25°	23.0	25.5	28.0	32.9	38.1	44.2	56.2	67.9	79.3	90.2	100.8
-26.25°	21.4	23.7	26.2	28.8	33.9	38.9	45.4	56.8	67.9	78.7	88.9
-27.5°	20.3	21.9	24.2	26.6	29.5	34.3	39.1	45.4	56.2	66.7	76.8
-28.75°	19.1	20.6	22.3	24.6	26.8	29.7	34.3	38.9	44.2	54.3	64.2
-30°	17.8	19.3	20.8	22.5	24.7	26.8	29.5	33.9	38.1	42.2	51.3
-31.25°	16.8	18.0	19.5	20.9	22.5	24.6	26.6	28.8	32.9	36.9	40.7
-32.5°	15.8	16.9	18.1	19.5	20.8	22.3	24.2	26.2	28.0	31.4	35.1
-33.75°	14.8	15.8	16.9	18.0	19.3	20.6	21.9	23.7	25.5	27.2	29.5
-35°	13.7	14.8	15.8	16.8	17.8	19.1	20.3	21.4	23.0	24.6	26.2
-36.25°	12.7	13.7	14.7	15.6	16.6	17.5	18.7	19.8	20.9	22.0	23.6
-37.5°	11.6	12.6	13.5	14.5	15.4	16.3	17.1	18.1	19.2	20.2	21.2
-38.75°	10.8	11.5	12.4	13.3	14.2	15.0	15.9	16.7	17.5	18.4	19.4
-40°	10.4	10.7	11.2	12.1	13.0	13.8	14.6	15.4	16.1	16.9	17.6
-41.25°	10.0	10.3	10.6	10.9	11.7	12.5	13.3	14.1	14.8	15.5	16.2
-42.5°	9.6	9.9	10.2	10.5	10.8	11.3	12.0	12.7	13.4	14.1	14.8
-43.75°	9.3	9.5	9.8	10.1	10.3	10.6	10.8	11.4	12.1	12.7	13.4
-45°	8.9	9.1	9.4	9.7	9.9	10.2	10.4	10.6	10.8	11.3	11.9
-46.25°	8.7	8.7	9.0	9.2	9.5	9.7	9.9	10.2	10.4	10.6	10.8
-47.5°	8.7	8.7	8.7	8.8	9.1	9.3	9.5	9.7	9.9	10.1	10.3
-48.75°	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.3	9.4	9.6	9.8
-50°	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.8	9.0	9.2	9.3
-51.25°	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.8
-52.5°	7.6	7.8	8.0	8.2	8.4	8.6	8.7	8.7	8.7	8.7	8.7
-53.75°	7.6	7.6	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.7	8.7
-55°	7.6	7.6	7.6	7.6	7.6	7.7	7.9	8.0	8.2	8.3	8.5
-56.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.8	8.0
-57.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-62.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-63.75°	7.1	7.2	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-65°	6.7	6.8	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.6	7.6
-66.25°	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3
-67.5°	5.8	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9
-68.75°	5.5	5.5	5.6	5.7	5.8	6.0	6.1	6.1	6.2	6.3	6.4
-70°	5.5	5.5	5.5	5.5	5.5	5.5	5.6	5.7	5.7	5.8	5.9
-71.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-72.5°	5.2	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-73.75°	4.7	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5
-75°	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.8	4.9	4.9	5.0
-76.25°	3.3	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5
-77.5°	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.3	3.4	3.5	3.6



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.5
-80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-81.25°	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-82.5°	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9
-83.75°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2
81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
78.75°	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.2
77.5°	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3
76.25°	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9
75°	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4
73.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
71.25°	5.5	5.5	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0
70°	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5
68.75°	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0
67.5°	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5
66.25°	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
65°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.8	7.9	7.9	8.0
57.5°	7.6	7.7	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.5
56.25°	8.1	8.2	8.4	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7
55°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
53.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	9.0	9.0
52.5°	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.3	9.4	9.5	9.6
51.25°	9.0	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.0	10.1
50°	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.4	10.5	10.6	10.7
48.75°	10.0	10.1	10.3	10.4	10.6	10.7	10.8	11.0	11.3	11.5	11.8
47.5°	10.5	10.6	10.8	11.1	11.5	11.9	12.2	12.6	12.9	13.2	13.4
46.25°	11.1	11.6	12.1	12.6	13.0	13.4	13.8	14.2	14.5	14.8	15.0
45°	12.5	13.1	13.6	14.1	14.5	15.0	15.4	15.7	16.1	16.4	16.6
43.75°	14.0	14.5	15.1	15.6	16.1	16.5	16.9	17.3	17.7	18.1	18.5
42.5°	15.4	16.0	16.5	17.1	17.6	18.2	18.8	19.3	19.8	20.2	20.6
41.25°	16.8	17.4	18.2	18.9	19.6	20.2	20.8	21.3	21.8	22.5	23.1
40°	18.5	19.3	20.1	20.8	21.5	22.4	23.3	24.2	25.0	25.7	26.3
38.75°	20.3	21.2	22.1	23.3	24.4	25.4	26.4	27.3	28.1	29.4	30.8
37.5°	22.3	23.7	25.0	26.2	27.4	28.5	30.7	32.7	34.6	36.2	37.7
36.25°	25.0	26.5	27.8	30.0	32.6	35.0	37.3	39.4	41.3	43.7	47.3
35°	27.8	30.3	33.3	36.2	38.9	41.5	45.6	50.8	55.5	59.8	63.7



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	32.9	36.3	39.4	42.4	48.9	55.2	61.1	66.5	71.5	76.0	79.9
32.5°	38.7	42.2	49.4	56.8	63.8	70.4	76.5	82.0	87.0	91.6	95.7
31.25°	47.0	55.5	63.6	71.3	78.5	85.2	91.4	97.1	102.4	107.2	111.9
30°	60.4	69.2	77.6	85.4	92.7	99.7	106.2	112.8	119.6	125.8	131.2
28.75°	73.7	82.6	91.1	99.2	106.8	115.2	123.5	131.2	138.3	144.8	150.7
27.5°	86.4	95.6	104.4	113.6	123.5	132.8	141.5	149.5	158.5	166.7	174.6
26.25°	98.8	108.4	119.4	130.2	140.5	150.2	161.3	171.8	182.3	192.0	201.4
25°	111.4	123.6	135.3	146.5	158.8	171.3	184.2	196.6	208.7	220.4	231.6
23.75°	126.1	138.8	151.2	165.3	180.0	194.6	209.3	224.1	238.6	253.3	267.0
22.5°	140.5	154.4	169.8	186.2	203.0	219.9	237.5	255.7	273.2	292.6	310.2
21.25°	155.5	172.3	190.0	208.7	228.2	248.4	269.7	293.0	315.4	336.0	354.6
20°	172.3	191.3	211.5	233.2	256.4	281.1	308.2	333.6	357.3	382.4	409.6
18.75°	190.0	211.5	234.9	260.4	288.7	318.5	346.9	374.9	409.4	441.2	470.0
17.5°	208.7	233.2	260.4	291.2	323.7	354.9	390.3	429.2	465.6	499.2	541.2
16.25°	228.2	256.4	288.7	323.7	357.6	398.0	441.2	482.1	527.9	579.0	645.2
15°	248.4	281.1	318.5	354.9	398.0	445.2	490.4	546.6	615.5	694.8	801.1
13.75°	269.7	308.2	346.9	390.3	441.2	490.4	552.9	634.2	738.6	866.3	1037.9
12.5°	293.0	333.6	374.9	429.2	482.1	546.6	634.2	753.3	912.9	1114.8	1365.9
11.25°	315.4	357.3	409.4	465.6	527.9	615.5	738.6	912.9	1148.6	1436.9	1772.3
10°	336.0	382.4	441.2	499.2	579.0	694.8	866.3	1114.8	1436.9	1819.7	2219.4
8.75°	354.6	409.6	470.0	541.2	645.2	801.1	1037.9	1365.9	1772.3	2219.4	2659.3
7.5°	371.3	433.7	495.6	580.5	712.7	919.1	1226.9	1632.6	2106.7	2597.5	3059.8
6.25°	390.9	454.5	524.0	628.9	790.4	1045.4	1413.2	1887.1	2416.0	2934.2	3406.1
5°	407.2	471.8	550.5	669.4	857.2	1170.7	1603.8	2128.6	2684.7	3216.3	3691.7
3.75°	420.0	485.5	571.4	707.7	935.5	1286.8	1761.6	2322.9	2899.1	3434.0	3910.6
2.5°	429.3	495.3	589.5	742.6	992.4	1371.4	1878.5	2467.7	3052.6	3591.0	4073.4
1.25°	434.8	501.3	602.6	763.7	1027.0	1422.8	1957.7	2556.5	3146.8	3687.9	4170.7
0°	436.7	503.3	607.0	770.8	1038.6	1440.0	1984.3	2586.4	3178.6	3720.7	4202.9
-1.25°	434.8	501.3	602.6	763.7	1027.0	1422.8	1957.7	2556.5	3146.8	3687.9	4170.7
-2.5°	429.3	495.3	589.5	742.6	992.4	1371.4	1878.5	2467.7	3052.6	3591.0	4073.4
-3.75°	420.0	485.5	571.4	707.7	935.5	1286.8	1761.6	2322.9	2899.1	3434.0	3910.6
-5°	407.2	471.8	550.5	669.4	857.2	1170.7	1603.8	2128.6	2684.7	3216.3	3691.7
-6.25°	390.9	454.5	524.0	628.9	790.4	1045.4	1413.2	1887.1	2416.0	2934.2	3406.1
-7.5°	371.3	433.7	495.6	580.5	712.7	919.1	1226.9	1632.6	2106.7	2597.5	3059.8
-8.75°	354.6	409.6	470.0	541.2	645.2	801.1	1037.9	1365.9	1772.3	2219.4	2659.3
-10°	336.0	382.4	441.2	499.2	579.0	694.8	866.3	1114.8	1436.9	1819.7	2219.4
-11.25°	315.4	357.3	409.4	465.6	527.9	615.5	738.6	912.9	1148.6	1436.9	1772.3
-12.5°	293.0	333.6	374.9	429.2	482.1	546.6	634.2	753.3	912.9	1114.8	1365.9
-13.75°	269.7	308.2	346.9	390.3	441.2	490.4	552.9	634.2	738.6	866.3	1037.9
-15°	248.4	281.1	318.5	354.9	398.0	445.2	490.4	546.6	615.5	694.8	801.1
-16.25°	228.2	256.4	288.7	323.7	357.6	398.0	441.2	482.1	527.9	579.0	645.2
-17.5°	208.7	233.2	260.4	291.2	323.7	354.9	390.3	429.2	465.6	499.2	541.2
-18.75°	190.0	211.5	234.9	260.4	288.7	318.5	346.9	374.9	409.4	441.2	470.0
-20°	172.3	191.3	211.5	233.2	256.4	281.1	308.2	333.6	357.3	382.4	409.6
-21.25°	155.5	172.3	190.0	208.7	228.2	248.4	269.7	293.0	315.4	336.0	354.6



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	140.5	154.4	169.8	186.2	203.0	219.9	237.5	255.7	273.2	292.6	310.2
-23.75°	126.1	138.8	151.2	165.3	180.0	194.6	209.3	224.1	238.6	253.3	267.0
-25°	111.4	123.6	135.3	146.5	158.8	171.3	184.2	196.6	208.7	220.4	231.6
-26.25°	98.8	108.4	119.4	130.2	140.5	150.2	161.3	171.8	182.3	192.0	201.4
-27.5°	86.4	95.6	104.4	113.6	123.5	132.8	141.5	149.5	158.5	166.7	174.6
-28.75°	73.7	82.6	91.1	99.2	106.8	115.2	123.5	131.2	138.3	144.8	150.7
-30°	60.4	69.2	77.6	85.4	92.7	99.7	106.2	112.8	119.6	125.8	131.2
-31.25°	47.0	55.5	63.6	71.3	78.5	85.2	91.4	97.1	102.4	107.2	111.9
-32.5°	38.7	42.2	49.4	56.8	63.8	70.4	76.5	82.0	87.0	91.6	95.7
-33.75°	32.9	36.3	39.4	42.4	48.9	55.2	61.1	66.5	71.5	76.0	79.9
-35°	27.8	30.3	33.3	36.2	38.9	41.5	45.6	50.8	55.5	59.8	63.7
-36.25°	25.0	26.5	27.8	30.0	32.6	35.0	37.3	39.4	41.3	43.7	47.3
-37.5°	22.3	23.7	25.0	26.2	27.4	28.5	30.7	32.7	34.6	36.2	37.7
-38.75°	20.3	21.2	22.1	23.3	24.4	25.4	26.4	27.3	28.1	29.4	30.8
-40°	18.5	19.3	20.1	20.8	21.5	22.4	23.3	24.2	25.0	25.7	26.3
-41.25°	16.8	17.4	18.2	18.9	19.6	20.2	20.8	21.3	21.8	22.5	23.1
-42.5°	15.4	16.0	16.5	17.1	17.6	18.2	18.8	19.3	19.8	20.2	20.6
-43.75°	14.0	14.5	15.1	15.6	16.1	16.5	16.9	17.3	17.7	18.1	18.5
-45°	12.5	13.1	13.6	14.1	14.5	15.0	15.4	15.7	16.1	16.4	16.6
-46.25°	11.1	11.6	12.1	12.6	13.0	13.4	13.8	14.2	14.5	14.8	15.0
-47.5°	10.5	10.6	10.8	11.1	11.5	11.9	12.2	12.6	12.9	13.2	13.4
-48.75°	10.0	10.1	10.3	10.4	10.6	10.7	10.8	11.0	11.3	11.5	11.8
-50°	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.4	10.5	10.6	10.7
-51.25°	9.0	9.2	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.0	10.1
-52.5°	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.3	9.4	9.5	9.6
-53.75°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.9	9.0	9.0
-55°	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-56.25°	8.1	8.2	8.4	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7
-57.5°	7.6	7.7	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.5
-58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.8	7.9	7.9	8.0
-60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-65°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-66.25°	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-67.5°	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5
-68.75°	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.9	6.9	7.0	7.0
-70°	6.0	6.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5
-71.25°	5.5	5.5	5.6	5.7	5.7	5.8	5.8	5.8	5.9	5.9	6.0
-72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-73.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-75°	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.3	5.4	5.4	5.4
-76.25°	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.9
-77.5°	3.6	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3



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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2.6	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.2
-80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-82.5°	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2
-83.75°	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
78.75°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
76.25°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
75°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
73.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
71.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
70°	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
68.75°	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
67.5°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
66.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
65°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
58.75°	8.0	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
57.5°	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6
56.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
55°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
53.75°	9.1	9.1	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
52.5°	9.6	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7
51.25°	10.2	10.2	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
50°	10.7	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
48.75°	12.0	12.2	12.3	12.4	12.5	12.5	12.6	12.5	12.5	12.4	12.3
47.5°	13.6	13.8	13.9	14.1	14.1	14.2	14.2	14.2	14.1	14.1	13.9
46.25°	15.2	15.4	15.6	15.7	15.8	15.8	15.9	15.8	15.8	15.7	15.6
45°	16.9	17.1	17.2	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2
43.75°	18.8	19.0	19.3	19.4	19.6	19.6	19.7	19.6	19.6	19.4	19.3
42.5°	20.9	21.2	21.4	21.6	21.7	21.8	21.8	21.8	21.7	21.6	21.4
41.25°	23.6	24.1	24.4	24.7	24.9	25.1	25.1	25.1	24.9	24.7	24.4
40°	26.9	27.3	27.7	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.7
38.75°	32.1	33.1	34.0	34.6	35.1	35.4	35.5	35.4	35.1	34.6	34.0
37.5°	39.0	40.1	41.0	41.7	42.2	42.5	42.6	42.5	42.2	41.7	41.0
36.25°	50.5	53.3	55.5	57.2	58.5	59.2	59.5	59.2	58.5	57.2	55.5
35°	67.0	69.9	72.2	74.0	75.3	76.1	76.4	76.1	75.3	74.0	72.2

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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	83.3	86.2	88.5	90.4	91.7	92.5	92.8	92.5	91.7	90.4	88.5
32.5°	99.2	102.2	104.7	106.7	108.1	108.9	109.2	108.9	108.1	106.7	104.7
31.25°	116.5	120.4	123.6	126.1	127.9	129.0	129.4	129.0	127.9	126.1	123.6
30°	136.1	140.2	143.5	146.2	148.1	149.2	149.6	149.2	148.1	146.2	143.5
28.75°	156.8	162.1	166.4	169.8	172.5	174.1	174.7	174.1	172.5	169.8	166.4
27.5°	181.7	187.9	193.1	197.5	200.6	202.5	203.1	202.5	200.6	197.5	193.1
26.25°	209.6	216.9	223.6	228.8	232.6	234.8	235.6	234.8	232.6	228.8	223.6
25°	241.5	251.2	259.4	265.7	270.3	273.1	274.0	273.1	270.3	265.7	259.4
23.75°	280.1	292.7	303.2	311.4	317.3	320.9	322.1	320.9	317.3	311.4	303.2
22.5°	325.7	339.0	350.1	358.8	365.1	368.8	370.1	368.8	365.1	358.8	350.1
21.25°	371.3	390.9	407.2	420.0	429.3	434.8	436.7	434.8	429.3	420.0	407.2
20°	433.7	454.5	471.8	485.5	495.3	501.3	503.3	501.3	495.3	485.5	471.8
18.75°	495.6	524.0	550.5	571.4	589.5	602.6	607.0	602.6	589.5	571.4	550.5
17.5°	580.5	628.9	669.4	707.7	742.6	763.7	770.8	763.7	742.6	707.7	669.4
16.25°	712.7	790.4	857.2	935.5	992.4	1027.0	1038.6	1027.0	992.4	935.5	857.2
15°	919.1	1045.4	1170.7	1286.8	1371.4	1422.8	1440.0	1422.8	1371.4	1286.8	1170.7
13.75°	1226.9	1413.2	1603.8	1761.6	1878.5	1957.7	1984.3	1957.7	1878.5	1761.6	1603.8
12.5°	1632.6	1887.1	2128.6	2322.9	2467.7	2556.5	2586.4	2556.5	2467.7	2322.9	2128.6
11.25°	2106.7	2416.0	2684.7	2899.1	3052.6	3146.8	3178.6	3146.8	3052.6	2899.1	2684.7
10°	2597.5	2934.2	3216.3	3434.0	3591.0	3687.9	3720.7	3687.9	3591.0	3434.0	3216.3
8.75°	3059.8	3406.1	3691.7	3910.6	4073.4	4170.7	4202.9	4170.7	4073.4	3910.6	3691.7
7.5°	3468.9	3817.9	4109.2	4338.1	4510.2	4612.9	4648.1	4612.9	4510.2	4338.1	4109.2
6.25°	3817.9	4173.6	4478.0	4721.6	4900.5	5007.8	5045.0	5007.8	4900.5	4721.6	4478.0
5°	4109.2	4478.0	4796.2	5045.8	5231.6	5349.4	5391.0	5349.4	5231.6	5045.8	4796.2
3.75°	4338.1	4721.6	5045.8	5309.4	5503.2	5626.3	5661.5	5626.3	5503.2	5309.4	5045.8
2.5°	4510.2	4900.5	5231.6	5503.2	5698.8	5817.9	5855.6	5817.9	5698.8	5503.2	5231.6
1.25°	4612.9	5007.8	5349.4	5626.3	5817.9	5940.0	5985.8	5940.0	5817.9	5626.3	5349.4
0°	4648.1	5045.0	5391.0	5661.5	5855.6	5985.8	6050.4	5985.8	5855.6	5661.5	5391.0
-1.25°	4612.9	5007.8	5349.4	5626.3	5817.9	5940.0	5985.8	5940.0	5817.9	5626.3	5349.4
-2.5°	4510.2	4900.5	5231.6	5503.2	5698.8	5817.9	5855.6	5817.9	5698.8	5503.2	5231.6
-3.75°	4338.1	4721.6	5045.8	5309.4	5503.2	5626.3	5661.5	5626.3	5503.2	5309.4	5045.8
-5°	4109.2	4478.0	4796.2	5045.8	5231.6	5349.4	5391.0	5349.4	5231.6	5045.8	4796.2
-6.25°	3817.9	4173.6	4478.0	4721.6	4900.5	5007.8	5045.0	5007.8	4900.5	4721.6	4478.0
-7.5°	3468.9	3817.9	4109.2	4338.1	4510.2	4612.9	4648.1	4612.9	4510.2	4338.1	4109.2
-8.75°	3059.8	3406.1	3691.7	3910.6	4073.4	4170.7	4202.9	4170.7	4073.4	3910.6	3691.7
-10°	2597.5	2934.2	3216.3	3434.0	3591.0	3687.9	3720.7	3687.9	3591.0	3434.0	3216.3
-11.25°	2106.7	2416.0	2684.7	2899.1	3052.6	3146.8	3178.6	3146.8	3052.6	2899.1	2684.7
-12.5°	1632.6	1887.1	2128.6	2322.9	2467.7	2556.5	2586.4	2556.5	2467.7	2322.9	2128.6
-13.75°	1226.9	1413.2	1603.8	1761.6	1878.5	1957.7	1984.3	1957.7	1878.5	1761.6	1603.8
-15°	919.1	1045.4	1170.7	1286.8	1371.4	1422.8	1440.0	1422.8	1371.4	1286.8	1170.7
-16.25°	712.7	790.4	857.2	935.5	992.4	1027.0	1038.6	1027.0	992.4	935.5	857.2
-17.5°	580.5	628.9	669.4	707.7	742.6	763.7	770.8	763.7	742.6	707.7	669.4
-18.75°	495.6	524.0	550.5	571.4	589.5	602.6	607.0	602.6	589.5	571.4	550.5
-20°	433.7	454.5	471.8	485.5	495.3	501.3	503.3	501.3	495.3	485.5	471.8
-21.25°	371.3	390.9	407.2	420.0	429.3	434.8	436.7	434.8	429.3	420.0	407.2



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	325.7	339.0	350.1	358.8	365.1	368.8	370.1	368.8	365.1	358.8	350.1
-23.75°	280.1	292.7	303.2	311.4	317.3	320.9	322.1	320.9	317.3	311.4	303.2
-25°	241.5	251.2	259.4	265.7	270.3	273.1	274.0	273.1	270.3	265.7	259.4
-26.25°	209.6	216.9	223.6	228.8	232.6	234.8	235.6	234.8	232.6	228.8	223.6
-27.5°	181.7	187.9	193.1	197.5	200.6	202.5	203.1	202.5	200.6	197.5	193.1
-28.75°	156.8	162.1	166.4	169.8	172.5	174.1	174.7	174.1	172.5	169.8	166.4
-30°	136.1	140.2	143.5	146.2	148.1	149.2	149.6	149.2	148.1	146.2	143.5
-31.25°	116.5	120.4	123.6	126.1	127.9	129.0	129.4	129.0	127.9	126.1	123.6
-32.5°	99.2	102.2	104.7	106.7	108.1	108.9	109.2	108.9	108.1	106.7	104.7
-33.75°	83.3	86.2	88.5	90.4	91.7	92.5	92.8	92.5	91.7	90.4	88.5
-35°	67.0	69.9	72.2	74.0	75.3	76.1	76.4	76.1	75.3	74.0	72.2
-36.25°	50.5	53.3	55.5	57.2	58.5	59.2	59.5	59.2	58.5	57.2	55.5
-37.5°	39.0	40.1	41.0	41.7	42.2	42.5	42.6	42.5	42.2	41.7	41.0
-38.75°	32.1	33.1	34.0	34.6	35.1	35.4	35.5	35.4	35.1	34.6	34.0
-40°	26.9	27.3	27.7	28.0	28.2	28.4	28.4	28.4	28.2	28.0	27.7
-41.25°	23.6	24.1	24.4	24.7	24.9	25.1	25.1	25.1	24.9	24.7	24.4
-42.5°	20.9	21.2	21.4	21.6	21.7	21.8	21.8	21.8	21.7	21.6	21.4
-43.75°	18.8	19.0	19.3	19.4	19.6	19.6	19.7	19.6	19.6	19.4	19.3
-45°	16.9	17.1	17.2	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2
-46.25°	15.2	15.4	15.6	15.7	15.8	15.8	15.9	15.8	15.8	15.7	15.6
-47.5°	13.6	13.8	13.9	14.1	14.1	14.2	14.2	14.2	14.1	14.1	13.9
-48.75°	12.0	12.2	12.3	12.4	12.5	12.5	12.6	12.5	12.5	12.4	12.3
-50°	10.7	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.8
-51.25°	10.2	10.2	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	10.3
-52.5°	9.6	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7
-53.75°	9.1	9.1	9.2	9.2	9.2	9.2	9.3	9.2	9.2	9.2	9.2
-55°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-56.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-57.5°	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6
-58.75°	8.0	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1
-60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-65°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-66.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-67.5°	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-68.75°	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
-70°	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
-71.25°	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.0	6.0	6.0	6.0
-72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-73.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-75°	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-76.25°	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9	4.9	4.9	4.9
-77.5°	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
-80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-83.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
82.5°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
78.75°	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.8	2.8
77.5°	4.3	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8
76.25°	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.7	4.6
75°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1
73.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
71.25°	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6
70°	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1
68.75°	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6
67.5°	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1
66.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
65°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
58.75°	8.1	8.0	8.0	7.9	7.9	7.8	7.7	7.6	7.6	7.6	7.6
57.5°	8.6	8.6	8.5	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9
56.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4
55°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
53.75°	9.1	9.1	9.0	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.7
52.5°	9.7	9.6	9.6	9.5	9.4	9.3	9.3	9.1	9.0	8.9	8.8
51.25°	10.2	10.2	10.1	10.0	10.0	9.9	9.8	9.7	9.6	9.4	9.3
50°	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8
48.75°	12.2	12.0	11.8	11.5	11.3	11.0	10.8	10.7	10.6	10.4	10.3
47.5°	13.8	13.6	13.4	13.2	12.9	12.6	12.2	11.9	11.5	11.1	10.8
46.25°	15.4	15.2	15.0	14.8	14.5	14.2	13.8	13.4	13.0	12.6	12.1
45°	17.1	16.9	16.6	16.4	16.1	15.7	15.4	15.0	14.5	14.1	13.6
43.75°	19.0	18.8	18.5	18.1	17.7	17.3	16.9	16.5	16.1	15.6	15.1
42.5°	21.2	20.9	20.6	20.2	19.8	19.3	18.8	18.2	17.6	17.1	16.5
41.25°	24.1	23.6	23.1	22.5	21.8	21.3	20.8	20.2	19.6	18.9	18.2
40°	27.3	26.9	26.3	25.7	25.0	24.2	23.3	22.4	21.5	20.8	20.1
38.75°	33.1	32.1	30.8	29.4	28.1	27.3	26.4	25.4	24.4	23.3	22.1
37.5°	40.1	39.0	37.7	36.2	34.6	32.7	30.7	28.5	27.4	26.2	25.0
36.25°	53.3	50.5	47.3	43.7	41.3	39.4	37.3	35.0	32.6	30.0	27.8
35°	69.9	67.0	63.7	59.8	55.5	50.8	45.6	41.5	38.9	36.2	33.3



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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°	86.2	83.3	79.9	76.0	71.5	66.5	61.1	55.2	48.9	42.4	39.4
32.5°	102.2	99.2	95.7	91.6	87.0	82.0	76.5	70.4	63.8	56.8	49.4
31.25°	120.4	116.5	111.9	107.2	102.4	97.1	91.4	85.2	78.5	71.3	63.6
30°	140.2	136.1	131.2	125.8	119.6	112.8	106.2	99.7	92.7	85.4	77.6
28.75°	162.1	156.8	150.7	144.8	138.3	131.2	123.5	115.2	106.8	99.2	91.1
27.5°	187.9	181.7	174.6	166.7	158.5	149.5	141.5	132.8	123.5	113.6	104.4
26.25°	216.9	209.6	201.4	192.0	182.3	171.8	161.3	150.2	140.5	130.2	119.4
25°	251.2	241.5	231.6	220.4	208.7	196.6	184.2	171.3	158.8	146.5	135.3
23.75°	292.7	280.1	267.0	253.3	238.6	224.1	209.3	194.6	180.0	165.3	151.2
22.5°	339.0	325.7	310.2	292.6	273.2	255.7	237.5	219.9	203.0	186.2	169.8
21.25°	390.9	371.3	354.6	336.0	315.4	293.0	269.7	248.4	228.2	208.7	190.0
20°	454.5	433.7	409.6	382.4	357.3	333.6	308.2	281.1	256.4	233.2	211.5
18.75°	524.0	495.6	470.0	441.2	409.4	374.9	346.9	318.5	288.7	260.4	234.9
17.5°	628.9	580.5	541.2	499.2	465.6	429.2	390.3	354.9	323.7	291.2	260.4
16.25°	790.4	712.7	645.2	579.0	527.9	482.1	441.2	398.0	357.6	323.7	288.7
15°	1045.4	919.1	801.1	694.8	615.5	546.6	490.4	445.2	398.0	354.9	318.5
13.75°	1413.2	1226.9	1037.9	866.3	738.6	634.2	552.9	490.4	441.2	390.3	346.9
12.5°	1887.1	1632.6	1365.9	1114.8	912.9	753.3	634.2	546.6	482.1	429.2	374.9
11.25°	2416.0	2106.7	1772.3	1436.9	1148.6	912.9	738.6	615.5	527.9	465.6	409.4
10°	2934.2	2597.5	2219.4	1819.7	1436.9	1114.8	866.3	694.8	579.0	499.2	441.2
8.75°	3406.1	3059.8	2659.3	2219.4	1772.3	1365.9	1037.9	801.1	645.2	541.2	470.0
7.5°	3817.9	3468.9	3059.8	2597.5	2106.7	1632.6	1226.9	919.1	712.7	580.5	495.6
6.25°	4173.6	3817.9	3406.1	2934.2	2416.0	1887.1	1413.2	1045.4	790.4	628.9	524.0
5°	4478.0	4109.2	3691.7	3216.3	2684.7	2128.6	1603.8	1170.7	857.2	669.4	550.5
3.75°	4721.6	4338.1	3910.6	3434.0	2899.1	2322.9	1761.6	1286.8	935.5	707.7	571.4
2.5°	4900.5	4510.2	4073.4	3591.0	3052.6	2467.7	1878.5	1371.4	992.4	742.6	589.5
1.25°	5007.8	4612.9	4170.7	3687.9	3146.8	2556.5	1957.7	1422.8	1027.0	763.7	602.6
0°	5045.0	4648.1	4202.9	3720.7	3178.6	2586.4	1984.3	1440.0	1038.6	770.8	607.0
-1.25°	5007.8	4612.9	4170.7	3687.9	3146.8	2556.5	1957.7	1422.8	1027.0	763.7	602.6
-2.5°	4900.5	4510.2	4073.4	3591.0	3052.6	2467.7	1878.5	1371.4	992.4	742.6	589.5
-3.75°	4721.6	4338.1	3910.6	3434.0	2899.1	2322.9	1761.6	1286.8	935.5	707.7	571.4
-5°	4478.0	4109.2	3691.7	3216.3	2684.7	2128.6	1603.8	1170.7	857.2	669.4	550.5
-6.25°	4173.6	3817.9	3406.1	2934.2	2416.0	1887.1	1413.2	1045.4	790.4	628.9	524.0
-7.5°	3817.9	3468.9	3059.8	2597.5	2106.7	1632.6	1226.9	919.1	712.7	580.5	495.6
-8.75°	3406.1	3059.8	2659.3	2219.4	1772.3	1365.9	1037.9	801.1	645.2	541.2	470.0
-10°	2934.2	2597.5	2219.4	1819.7	1436.9	1114.8	866.3	694.8	579.0	499.2	441.2
-11.25°	2416.0	2106.7	1772.3	1436.9	1148.6	912.9	738.6	615.5	527.9	465.6	409.4
-12.5°	1887.1	1632.6	1365.9	1114.8	912.9	753.3	634.2	546.6	482.1	429.2	374.9
-13.75°	1413.2	1226.9	1037.9	866.3	738.6	634.2	552.9	490.4	441.2	390.3	346.9
-15°	1045.4	919.1	801.1	694.8	615.5	546.6	490.4	445.2	398.0	354.9	318.5
-16.25°	790.4	712.7	645.2	579.0	527.9	482.1	441.2	398.0	357.6	323.7	288.7
-17.5°	628.9	580.5	541.2	499.2	465.6	429.2	390.3	354.9	323.7	291.2	260.4
-18.75°	524.0	495.6	470.0	441.2	409.4	374.9	346.9	318.5	288.7	260.4	234.9
-20°	454.5	433.7	409.6	382.4	357.3	333.6	308.2	281.1	256.4	233.2	211.5
-21.25°	390.9	371.3	354.6	336.0	315.4	293.0	269.7	248.4	228.2	208.7	190.0



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	339.0	325.7	310.2	292.6	273.2	255.7	237.5	219.9	203.0	186.2	169.8
-23.75°	292.7	280.1	267.0	253.3	238.6	224.1	209.3	194.6	180.0	165.3	151.2
-25°	251.2	241.5	231.6	220.4	208.7	196.6	184.2	171.3	158.8	146.5	135.3
-26.25°	216.9	209.6	201.4	192.0	182.3	171.8	161.3	150.2	140.5	130.2	119.4
-27.5°	187.9	181.7	174.6	166.7	158.5	149.5	141.5	132.8	123.5	113.6	104.4
-28.75°	162.1	156.8	150.7	144.8	138.3	131.2	123.5	115.2	106.8	99.2	91.1
-30°	140.2	136.1	131.2	125.8	119.6	112.8	106.2	99.7	92.7	85.4	77.6
-31.25°	120.4	116.5	111.9	107.2	102.4	97.1	91.4	85.2	78.5	71.3	63.6
-32.5°	102.2	99.2	95.7	91.6	87.0	82.0	76.5	70.4	63.8	56.8	49.4
-33.75°	86.2	83.3	79.9	76.0	71.5	66.5	61.1	55.2	48.9	42.4	39.4
-35°	69.9	67.0	63.7	59.8	55.5	50.8	45.6	41.5	38.9	36.2	33.3
-36.25°	53.3	50.5	47.3	43.7	41.3	39.4	37.3	35.0	32.6	30.0	27.8
-37.5°	40.1	39.0	37.7	36.2	34.6	32.7	30.7	28.5	27.4	26.2	25.0
-38.75°	33.1	32.1	30.8	29.4	28.1	27.3	26.4	25.4	24.4	23.3	22.1
-40°	27.3	26.9	26.3	25.7	25.0	24.2	23.3	22.4	21.5	20.8	20.1
-41.25°	24.1	23.6	23.1	22.5	21.8	21.3	20.8	20.2	19.6	18.9	18.2
-42.5°	21.2	20.9	20.6	20.2	19.8	19.3	18.8	18.2	17.6	17.1	16.5
-43.75°	19.0	18.8	18.5	18.1	17.7	17.3	16.9	16.5	16.1	15.6	15.1
-45°	17.1	16.9	16.6	16.4	16.1	15.7	15.4	15.0	14.5	14.1	13.6
-46.25°	15.4	15.2	15.0	14.8	14.5	14.2	13.8	13.4	13.0	12.6	12.1
-47.5°	13.8	13.6	13.4	13.2	12.9	12.6	12.2	11.9	11.5	11.1	10.8
-48.75°	12.2	12.0	11.8	11.5	11.3	11.0	10.8	10.7	10.6	10.4	10.3
-50°	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8
-51.25°	10.2	10.2	10.1	10.0	10.0	9.9	9.8	9.7	9.6	9.4	9.3
-52.5°	9.7	9.6	9.6	9.5	9.4	9.3	9.3	9.1	9.0	8.9	8.8
-53.75°	9.1	9.1	9.0	9.0	8.9	8.8	8.7	8.7	8.7	8.7	8.7
-55°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
-56.25°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.4
-57.5°	8.6	8.6	8.5	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9
-58.75°	8.1	8.0	8.0	7.9	7.9	7.8	7.7	7.6	7.6	7.6	7.6
-60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-65°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-66.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-67.5°	7.5	7.5	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1
-68.75°	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.6
-70°	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2	6.2	6.1
-71.25°	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6
-72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-73.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-75°	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.1
-76.25°	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7	4.7	4.6
-77.5°	4.3	4.3	4.3	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.8



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.8	2.8
-80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-82.5°	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
-83.75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
82.5°	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
78.75°	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.2
77.5°	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7
76.25°	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6
75°	5.1	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4
73.75°	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0	4.9
72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4
71.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
70°	6.0	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.5	5.5
68.75°	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	5.8	5.7	5.6
67.5°	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1
66.25°	7.5	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.5
65°	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0
63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4
62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
57.5°	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
56.25°	8.2	8.1	8.0	7.8	7.7	7.6	7.6	7.6	7.6	7.6	7.6
55°	8.7	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.6	7.6	7.6
53.75°	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1	8.0	7.8	7.6
52.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4	8.2	8.0
51.25°	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4
50°	9.6	9.5	9.3	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7
48.75°	10.1	10.0	9.8	9.6	9.4	9.3	9.0	8.8	8.7	8.7	8.7
47.5°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.8	8.7
46.25°	11.6	11.1	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.2	9.0
45°	13.1	12.5	11.9	11.3	10.8	10.6	10.4	10.2	9.9	9.7	9.4
43.75°	14.5	14.0	13.4	12.7	12.1	11.4	10.8	10.6	10.3	10.1	9.8
42.5°	16.0	15.4	14.8	14.1	13.4	12.7	12.0	11.3	10.8	10.5	10.2
41.25°	17.4	16.8	16.2	15.5	14.8	14.1	13.3	12.5	11.7	10.9	10.6
40°	19.3	18.5	17.6	16.9	16.1	15.4	14.6	13.8	13.0	12.1	11.2
38.75°	21.2	20.3	19.4	18.4	17.5	16.7	15.9	15.0	14.2	13.3	12.4
37.5°	23.7	22.3	21.2	20.2	19.2	18.1	17.1	16.3	15.4	14.5	13.5
36.25°	26.5	25.0	23.6	22.0	20.9	19.8	18.7	17.5	16.6	15.6	14.7
35°	30.3	27.8	26.2	24.6	23.0	21.4	20.3	19.1	17.8	16.8	15.8



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	36.3	32.9	29.5	27.2	25.5	23.7	21.9	20.6	19.3	18.0	16.9
32.5°	42.2	38.7	35.1	31.4	28.0	26.2	24.2	22.3	20.8	19.5	18.1
31.25°	55.5	47.0	40.7	36.9	32.9	28.8	26.6	24.6	22.5	20.9	19.5
30°	69.2	60.4	51.3	42.2	38.1	33.9	29.5	26.8	24.7	22.5	20.8
28.75°	82.6	73.7	64.2	54.3	44.2	38.9	34.3	29.7	26.8	24.6	22.3
27.5°	95.6	86.4	76.8	66.7	56.2	45.4	39.1	34.3	29.5	26.6	24.2
26.25°	108.4	98.8	88.9	78.7	67.9	56.8	45.4	38.9	33.9	28.8	26.2
25°	123.6	111.4	100.8	90.2	79.3	67.9	56.2	44.2	38.1	32.9	28.0
23.75°	138.8	126.1	113.1	101.4	90.2	78.7	66.7	54.3	42.2	36.9	31.4
22.5°	154.4	140.5	127.0	113.1	100.8	88.9	76.8	64.2	51.3	40.7	35.1
21.25°	172.3	155.5	140.5	126.1	111.4	98.8	86.4	73.7	60.4	47.0	38.7
20°	191.3	172.3	154.4	138.8	123.6	108.4	95.6	82.6	69.2	55.5	42.2
18.75°	211.5	190.0	169.8	151.2	135.3	119.4	104.4	91.1	77.6	63.6	49.4
17.5°	233.2	208.7	186.2	165.3	146.5	130.2	113.6	99.2	85.4	71.3	56.8
16.25°	256.4	228.2	203.0	180.0	158.8	140.5	123.5	106.8	92.7	78.5	63.8
15°	281.1	248.4	219.9	194.6	171.3	150.2	132.8	115.2	99.7	85.2	70.4
13.75°	308.2	269.7	237.5	209.3	184.2	161.3	141.5	123.5	106.2	91.4	76.5
12.5°	333.6	293.0	255.7	224.1	196.6	171.8	149.5	131.2	112.8	97.1	82.0
11.25°	357.3	315.4	273.2	238.6	208.7	182.3	158.5	138.3	119.6	102.4	87.0
10°	382.4	336.0	292.6	253.3	220.4	192.0	166.7	144.8	125.8	107.2	91.6
8.75°	409.6	354.6	310.2	267.0	231.6	201.4	174.6	150.7	131.2	111.9	95.7
7.5°	433.7	371.3	325.7	280.1	241.5	209.6	181.7	156.8	136.1	116.5	99.2
6.25°	454.5	390.9	339.0	292.7	251.2	216.9	187.9	162.1	140.2	120.4	102.2
5°	471.8	407.2	350.1	303.2	259.4	223.6	193.1	166.4	143.5	123.6	104.7
3.75°	485.5	420.0	358.8	311.4	265.7	228.8	197.5	169.8	146.2	126.1	106.7
2.5°	495.3	429.3	365.1	317.3	270.3	232.6	200.6	172.5	148.1	127.9	108.1
1.25°	501.3	434.8	368.8	320.9	273.1	234.8	202.5	174.1	149.2	129.0	108.9
0°	503.3	436.7	370.1	322.1	274.0	235.6	203.1	174.7	149.6	129.4	109.2
-1.25°	501.3	434.8	368.8	320.9	273.1	234.8	202.5	174.1	149.2	129.0	108.9
-2.5°	495.3	429.3	365.1	317.3	270.3	232.6	200.6	172.5	148.1	127.9	108.1
-3.75°	485.5	420.0	358.8	311.4	265.7	228.8	197.5	169.8	146.2	126.1	106.7
-5°	471.8	407.2	350.1	303.2	259.4	223.6	193.1	166.4	143.5	123.6	104.7
-6.25°	454.5	390.9	339.0	292.7	251.2	216.9	187.9	162.1	140.2	120.4	102.2
-7.5°	433.7	371.3	325.7	280.1	241.5	209.6	181.7	156.8	136.1	116.5	99.2
-8.75°	409.6	354.6	310.2	267.0	231.6	201.4	174.6	150.7	131.2	111.9	95.7
-10°	382.4	336.0	292.6	253.3	220.4	192.0	166.7	144.8	125.8	107.2	91.6
-11.25°	357.3	315.4	273.2	238.6	208.7	182.3	158.5	138.3	119.6	102.4	87.0
-12.5°	333.6	293.0	255.7	224.1	196.6	171.8	149.5	131.2	112.8	97.1	82.0
-13.75°	308.2	269.7	237.5	209.3	184.2	161.3	141.5	123.5	106.2	91.4	76.5
-15°	281.1	248.4	219.9	194.6	171.3	150.2	132.8	115.2	99.7	85.2	70.4
-16.25°	256.4	228.2	203.0	180.0	158.8	140.5	123.5	106.8	92.7	78.5	63.8
-17.5°	233.2	208.7	186.2	165.3	146.5	130.2	113.6	99.2	85.4	71.3	56.8
-18.75°	211.5	190.0	169.8	151.2	135.3	119.4	104.4	91.1	77.6	63.6	49.4
-20°	191.3	172.3	154.4	138.8	123.6	108.4	95.6	82.6	69.2	55.5	42.2
-21.25°	172.3	155.5	140.5	126.1	111.4	98.8	86.4	73.7	60.4	47.0	38.7



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	154.4	140.5	127.0	113.1	100.8	88.9	76.8	64.2	51.3	40.7	35.1
-23.75°	138.8	126.1	113.1	101.4	90.2	78.7	66.7	54.3	42.2	36.9	31.4
-25°	123.6	111.4	100.8	90.2	79.3	67.9	56.2	44.2	38.1	32.9	28.0
-26.25°	108.4	98.8	88.9	78.7	67.9	56.8	45.4	38.9	33.9	28.8	26.2
-27.5°	95.6	86.4	76.8	66.7	56.2	45.4	39.1	34.3	29.5	26.6	24.2
-28.75°	82.6	73.7	64.2	54.3	44.2	38.9	34.3	29.7	26.8	24.6	22.3
-30°	69.2	60.4	51.3	42.2	38.1	33.9	29.5	26.8	24.7	22.5	20.8
-31.25°	55.5	47.0	40.7	36.9	32.9	28.8	26.6	24.6	22.5	20.9	19.5
-32.5°	42.2	38.7	35.1	31.4	28.0	26.2	24.2	22.3	20.8	19.5	18.1
-33.75°	36.3	32.9	29.5	27.2	25.5	23.7	21.9	20.6	19.3	18.0	16.9
-35°	30.3	27.8	26.2	24.6	23.0	21.4	20.3	19.1	17.8	16.8	15.8
-36.25°	26.5	25.0	23.6	22.0	20.9	19.8	18.7	17.5	16.6	15.6	14.7
-37.5°	23.7	22.3	21.2	20.2	19.2	18.1	17.1	16.3	15.4	14.5	13.5
-38.75°	21.2	20.3	19.4	18.4	17.5	16.7	15.9	15.0	14.2	13.3	12.4
-40°	19.3	18.5	17.6	16.9	16.1	15.4	14.6	13.8	13.0	12.1	11.2
-41.25°	17.4	16.8	16.2	15.5	14.8	14.1	13.3	12.5	11.7	10.9	10.6
-42.5°	16.0	15.4	14.8	14.1	13.4	12.7	12.0	11.3	10.8	10.5	10.2
-43.75°	14.5	14.0	13.4	12.7	12.1	11.4	10.8	10.6	10.3	10.1	9.8
-45°	13.1	12.5	11.9	11.3	10.8	10.6	10.4	10.2	9.9	9.7	9.4
-46.25°	11.6	11.1	10.8	10.6	10.4	10.2	9.9	9.7	9.5	9.2	9.0
-47.5°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.8	8.7
-48.75°	10.1	10.0	9.8	9.6	9.4	9.3	9.0	8.8	8.7	8.7	8.7
-50°	9.6	9.5	9.3	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7
-51.25°	9.2	9.0	8.8	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4
-52.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.4	8.2	8.0
-53.75°	8.7	8.7	8.7	8.7	8.7	8.5	8.3	8.1	8.0	7.8	7.6
-55°	8.7	8.6	8.5	8.3	8.2	8.0	7.9	7.7	7.6	7.6	7.6
-56.25°	8.2	8.1	8.0	7.8	7.7	7.6	7.6	7.6	7.6	7.6	7.6
-57.5°	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-60°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-61.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-62.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-63.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.4
-65°	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.3	7.2	7.1	7.0
-66.25°	7.5	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.5
-67.5°	7.0	7.0	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1
-68.75°	6.6	6.5	6.4	6.3	6.2	6.1	6.1	6.0	5.8	5.7	5.6
-70°	6.0	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.5	5.5
-71.25°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-72.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4
-73.75°	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.1	5.1	5.0	4.9
-75°	5.1	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5	4.4
-76.25°	4.6	4.5	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6
-77.5°	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.8	2.7



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.2
-80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-81.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1
-82.5°	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7
-83.75°	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
81.25°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6
80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
78.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
77.5°	2.5	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
76.25°	3.4	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.2	2.2
75°	4.3	4.2	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.5
73.75°	4.8	4.7	4.6	4.5	4.4	4.3	4.1	3.9	3.7	3.4	3.2
72.5°	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.0
71.25°	5.5	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6
70°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.2	5.1	4.9
68.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3
67.5°	6.0	5.8	5.7	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5
66.25°	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.5	5.5	5.5	5.5
65°	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.5	5.5
63.75°	7.2	7.1	7.0	6.8	6.7	6.5	6.3	6.2	6.0	5.8	5.6
62.5°	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.6	6.4	6.2	6.0
61.25°	7.6	7.6	7.6	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3
60°	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.3	7.1	6.9	6.7
58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.2	7.0
57.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3
56.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
55°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
53.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
52.5°	7.8	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
51.25°	8.2	8.0	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
50°	8.6	8.4	8.1	7.9	7.6	7.6	7.6	7.6	7.6	7.6	7.6
48.75°	8.7	8.7	8.5	8.3	8.0	7.7	7.6	7.6	7.6	7.6	7.6
47.5°	8.7	8.7	8.7	8.7	8.4	8.1	7.8	7.6	7.6	7.6	7.6
46.25°	8.7	8.7	8.7	8.7	8.7	8.5	8.2	7.9	7.6	7.6	7.6
45°	9.1	8.9	8.7	8.7	8.7	8.7	8.5	8.2	7.9	7.6	7.6
43.75°	9.5	9.3	9.0	8.7	8.7	8.7	8.7	8.6	8.2	7.9	7.6
42.5°	9.9	9.6	9.4	9.1	8.7	8.7	8.7	8.7	8.6	8.2	7.9
41.25°	10.3	10.0	9.7	9.4	9.1	8.8	8.7	8.7	8.7	8.5	8.2
40°	10.7	10.4	10.1	9.8	9.4	9.1	8.8	8.7	8.7	8.7	8.5
38.75°	11.5	10.8	10.4	10.1	9.8	9.4	9.1	8.7	8.7	8.7	8.7
37.5°	12.6	11.6	10.8	10.5	10.1	9.8	9.4	9.1	8.7	8.7	8.7
36.25°	13.7	12.7	11.7	10.8	10.4	10.1	9.7	9.4	9.0	8.7	8.7
35°	14.8	13.7	12.7	11.6	10.8	10.4	10.0	9.6	9.3	8.9	8.7



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	15.8	14.8	13.7	12.6	11.5	10.7	10.3	9.9	9.5	9.1	8.7
32.5°	16.9	15.8	14.7	13.5	12.4	11.2	10.6	10.2	9.8	9.4	9.0
31.25°	18.0	16.8	15.6	14.5	13.3	12.1	10.9	10.5	10.1	9.7	9.2
30°	19.3	17.8	16.6	15.4	14.2	13.0	11.7	10.8	10.3	9.9	9.5
28.75°	20.6	19.1	17.5	16.3	15.0	13.8	12.5	11.3	10.6	10.2	9.7
27.5°	21.9	20.3	18.7	17.1	15.9	14.6	13.3	12.0	10.8	10.4	9.9
26.25°	23.7	21.4	19.8	18.1	16.7	15.4	14.1	12.7	11.4	10.6	10.2
25°	25.5	23.0	20.9	19.2	17.5	16.1	14.8	13.4	12.1	10.8	10.4
23.75°	27.2	24.6	22.0	20.2	18.4	16.9	15.5	14.1	12.7	11.3	10.6
22.5°	29.5	26.2	23.6	21.2	19.4	17.6	16.2	14.8	13.4	11.9	10.8
21.25°	32.9	27.8	25.0	22.3	20.3	18.5	16.8	15.4	14.0	12.5	11.1
20°	36.3	30.3	26.5	23.7	21.2	19.3	17.4	16.0	14.5	13.1	11.6
18.75°	39.4	33.3	27.8	25.0	22.1	20.1	18.2	16.5	15.1	13.6	12.1
17.5°	42.4	36.2	30.0	26.2	23.3	20.8	18.9	17.1	15.6	14.1	12.6
16.25°	48.9	38.9	32.6	27.4	24.4	21.5	19.6	17.6	16.1	14.5	13.0
15°	55.2	41.5	35.0	28.5	25.4	22.4	20.2	18.2	16.5	15.0	13.4
13.75°	61.1	45.6	37.3	30.7	26.4	23.3	20.8	18.8	16.9	15.4	13.8
12.5°	66.5	50.8	39.4	32.7	27.3	24.2	21.3	19.3	17.3	15.7	14.2
11.25°	71.5	55.5	41.3	34.6	28.1	25.0	21.8	19.8	17.7	16.1	14.5
10°	76.0	59.8	43.7	36.2	29.4	25.7	22.5	20.2	18.1	16.4	14.8
8.75°	79.9	63.7	47.3	37.7	30.8	26.3	23.1	20.6	18.5	16.6	15.0
7.5°	83.3	67.0	50.5	39.0	32.1	26.9	23.6	20.9	18.8	16.9	15.2
6.25°	86.2	69.9	53.3	40.1	33.1	27.3	24.1	21.2	19.0	17.1	15.4
5°	88.5	72.2	55.5	41.0	34.0	27.7	24.4	21.4	19.3	17.2	15.6
3.75°	90.4	74.0	57.2	41.7	34.6	28.0	24.7	21.6	19.4	17.3	15.7
2.5°	91.7	75.3	58.5	42.2	35.1	28.2	24.9	21.7	19.6	17.4	15.8
1.25°	92.5	76.1	59.2	42.5	35.4	28.4	25.1	21.8	19.6	17.5	15.8
0°	92.8	76.4	59.5	42.6	35.5	28.4	25.1	21.8	19.7	17.5	15.9
-1.25°	92.5	76.1	59.2	42.5	35.4	28.4	25.1	21.8	19.6	17.5	15.8
-2.5°	91.7	75.3	58.5	42.2	35.1	28.2	24.9	21.7	19.6	17.4	15.8
-3.75°	90.4	74.0	57.2	41.7	34.6	28.0	24.7	21.6	19.4	17.3	15.7
-5°	88.5	72.2	55.5	41.0	34.0	27.7	24.4	21.4	19.3	17.2	15.6
-6.25°	86.2	69.9	53.3	40.1	33.1	27.3	24.1	21.2	19.0	17.1	15.4
-7.5°	83.3	67.0	50.5	39.0	32.1	26.9	23.6	20.9	18.8	16.9	15.2
-8.75°	79.9	63.7	47.3	37.7	30.8	26.3	23.1	20.6	18.5	16.6	15.0
-10°	76.0	59.8	43.7	36.2	29.4	25.7	22.5	20.2	18.1	16.4	14.8
-11.25°	71.5	55.5	41.3	34.6	28.1	25.0	21.8	19.8	17.7	16.1	14.5
-12.5°	66.5	50.8	39.4	32.7	27.3	24.2	21.3	19.3	17.3	15.7	14.2
-13.75°	61.1	45.6	37.3	30.7	26.4	23.3	20.8	18.8	16.9	15.4	13.8
-15°	55.2	41.5	35.0	28.5	25.4	22.4	20.2	18.2	16.5	15.0	13.4
-16.25°	48.9	38.9	32.6	27.4	24.4	21.5	19.6	17.6	16.1	14.5	13.0
-17.5°	42.4	36.2	30.0	26.2	23.3	20.8	18.9	17.1	15.6	14.1	12.6
-18.75°	39.4	33.3	27.8	25.0	22.1	20.1	18.2	16.5	15.1	13.6	12.1
-20°	36.3	30.3	26.5	23.7	21.2	19.3	17.4	16.0	14.5	13.1	11.6
-21.25°	32.9	27.8	25.0	22.3	20.3	18.5	16.8	15.4	14.0	12.5	11.1



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	29.5	26.2	23.6	21.2	19.4	17.6	16.2	14.8	13.4	11.9	10.8
-23.75°	27.2	24.6	22.0	20.2	18.4	16.9	15.5	14.1	12.7	11.3	10.6
-25°	25.5	23.0	20.9	19.2	17.5	16.1	14.8	13.4	12.1	10.8	10.4
-26.25°	23.7	21.4	19.8	18.1	16.7	15.4	14.1	12.7	11.4	10.6	10.2
-27.5°	21.9	20.3	18.7	17.1	15.9	14.6	13.3	12.0	10.8	10.4	9.9
-28.75°	20.6	19.1	17.5	16.3	15.0	13.8	12.5	11.3	10.6	10.2	9.7
-30°	19.3	17.8	16.6	15.4	14.2	13.0	11.7	10.8	10.3	9.9	9.5
-31.25°	18.0	16.8	15.6	14.5	13.3	12.1	10.9	10.5	10.1	9.7	9.2
-32.5°	16.9	15.8	14.7	13.5	12.4	11.2	10.6	10.2	9.8	9.4	9.0
-33.75°	15.8	14.8	13.7	12.6	11.5	10.7	10.3	9.9	9.5	9.1	8.7
-35°	14.8	13.7	12.7	11.6	10.8	10.4	10.0	9.6	9.3	8.9	8.7
-36.25°	13.7	12.7	11.7	10.8	10.4	10.1	9.7	9.4	9.0	8.7	8.7
-37.5°	12.6	11.6	10.8	10.5	10.1	9.8	9.4	9.1	8.7	8.7	8.7
-38.75°	11.5	10.8	10.4	10.1	9.8	9.4	9.1	8.7	8.7	8.7	8.7
-40°	10.7	10.4	10.1	9.8	9.4	9.1	8.8	8.7	8.7	8.7	8.5
-41.25°	10.3	10.0	9.7	9.4	9.1	8.8	8.7	8.7	8.7	8.5	8.2
-42.5°	9.9	9.6	9.4	9.1	8.7	8.7	8.7	8.7	8.6	8.2	7.9
-43.75°	9.5	9.3	9.0	8.7	8.7	8.7	8.7	8.6	8.2	7.9	7.6
-45°	9.1	8.9	8.7	8.7	8.7	8.7	8.5	8.2	7.9	7.6	7.6
-46.25°	8.7	8.7	8.7	8.7	8.7	8.5	8.2	7.9	7.6	7.6	7.6
-47.5°	8.7	8.7	8.7	8.7	8.4	8.1	7.8	7.6	7.6	7.6	7.6
-48.75°	8.7	8.7	8.5	8.3	8.0	7.7	7.6	7.6	7.6	7.6	7.6
-50°	8.6	8.4	8.1	7.9	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-51.25°	8.2	8.0	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-52.5°	7.8	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-53.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-55°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-56.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-57.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.3
-58.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.2	7.0
-60°	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.3	7.1	6.9	6.7
-61.25°	7.6	7.6	7.6	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3
-62.5°	7.6	7.5	7.3	7.2	7.0	6.9	6.7	6.6	6.4	6.2	6.0
-63.75°	7.2	7.1	7.0	6.8	6.7	6.5	6.3	6.2	6.0	5.8	5.6
-65°	6.8	6.7	6.6	6.4	6.3	6.1	6.0	5.8	5.6	5.5	5.5
-66.25°	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.5	5.5	5.5	5.5
-67.5°	6.0	5.8	5.7	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5
-68.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.3
-70°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.2	5.1	4.9
-71.25°	5.5	5.5	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.6
-72.5°	5.3	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.0
-73.75°	4.8	4.7	4.6	4.5	4.4	4.3	4.1	3.9	3.7	3.4	3.2
-75°	4.3	4.2	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.5
-76.25°	3.4	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.2	2.2
-77.5°	2.5	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-80°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
-81.25°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6
-82.5°	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2
-83.75°	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-88.75°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
81.25°	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1
80°	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.1
78.75°	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4
77.5°	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.6
76.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9
75°	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
73.75°	3.0	2.8	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.2	2.2	2.2	2.2
71.25°	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.2	2.2	2.2
70°	4.8	4.6	4.5	4.3	4.0	3.7	3.4	3.0	2.7	2.4	2.2
68.75°	5.1	5.0	4.8	4.7	4.5	4.3	4.0	3.6	3.3	2.9	2.6
67.5°	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.2	3.8	3.5	3.1
66.25°	5.5	5.5	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.0	3.6
65°	5.5	5.5	5.5	5.5	5.5	5.3	5.1	4.9	4.7	4.5	4.1
63.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.2	4.9	4.7	4.5
62.5°	5.8	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.2	5.0	4.8
61.25°	6.1	5.9	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.0
60°	6.5	6.3	6.0	5.8	5.6	5.5	5.5	5.5	5.5	5.5	5.3
58.75°	6.8	6.6	6.4	6.1	5.9	5.7	5.5	5.5	5.5	5.5	5.5
57.5°	7.1	6.9	6.7	6.4	6.2	6.0	5.7	5.5	5.5	5.5	5.5
56.25°	7.4	7.2	7.0	6.7	6.5	6.2	6.0	5.7	5.5	5.5	5.5
55°	7.6	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.7	5.5	5.5
53.75°	7.6	7.6	7.5	7.3	7.0	6.8	6.5	6.2	6.0	5.7	5.5
52.5°	7.6	7.6	7.6	7.6	7.3	7.0	6.8	6.5	6.2	5.9	5.6
51.25°	7.6	7.6	7.6	7.6	7.6	7.3	7.0	6.7	6.4	6.1	5.8
50°	7.6	7.6	7.6	7.6	7.6	7.5	7.3	7.0	6.7	6.4	6.0
48.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	6.9	6.6	6.3
47.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.1	6.8	6.5
46.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3	7.0	6.7
45°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	6.9
43.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.1
42.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3
41.25°	7.8	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4
40°	8.1	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
38.75°	8.4	8.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
37.5°	8.7	8.3	7.9	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
36.25°	8.7	8.5	8.1	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6
35°	8.7	8.7	8.4	8.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	8.7	8.7	8.6	8.2	7.8	7.6	7.6	7.6	7.6	7.6	7.6
32.5°	8.7	8.7	8.7	8.4	8.0	7.6	7.6	7.6	7.6	7.6	7.6
31.25°	8.8	8.7	8.7	8.6	8.2	7.8	7.6	7.6	7.6	7.6	7.6
30°	9.1	8.7	8.7	8.7	8.4	8.0	7.6	7.6	7.6	7.6	7.6
28.75°	9.3	8.8	8.7	8.7	8.6	8.1	7.7	7.6	7.6	7.6	7.6
27.5°	9.5	9.0	8.7	8.7	8.7	8.3	7.9	7.6	7.6	7.6	7.6
26.25°	9.7	9.3	8.8	8.7	8.7	8.5	8.0	7.6	7.6	7.6	7.6
25°	9.9	9.4	9.0	8.7	8.7	8.7	8.2	7.7	7.6	7.6	7.6
23.75°	10.1	9.6	9.2	8.7	8.7	8.7	8.3	7.8	7.6	7.6	7.6
22.5°	10.3	9.8	9.3	8.8	8.7	8.7	8.5	8.0	7.6	7.6	7.6
21.25°	10.5	10.0	9.5	9.0	8.7	8.7	8.6	8.1	7.6	7.6	7.6
20°	10.6	10.1	9.6	9.2	8.7	8.7	8.7	8.2	7.7	7.6	7.6
18.75°	10.8	10.3	9.8	9.3	8.8	8.7	8.7	8.4	7.9	7.6	7.6
17.5°	11.1	10.4	9.9	9.4	8.9	8.7	8.7	8.5	8.0	7.6	7.6
16.25°	11.5	10.6	10.1	9.6	9.0	8.7	8.7	8.6	8.1	7.6	7.6
15°	11.9	10.7	10.2	9.7	9.1	8.7	8.7	8.7	8.2	7.6	7.6
13.75°	12.2	10.8	10.3	9.8	9.3	8.7	8.7	8.7	8.2	7.7	7.6
12.5°	12.6	11.0	10.4	9.9	9.3	8.8	8.7	8.7	8.3	7.8	7.6
11.25°	12.9	11.3	10.5	10.0	9.4	8.9	8.7	8.7	8.4	7.9	7.6
10°	13.2	11.5	10.6	10.0	9.5	9.0	8.7	8.7	8.5	7.9	7.6
8.75°	13.4	11.8	10.7	10.1	9.6	9.0	8.7	8.7	8.5	8.0	7.6
7.5°	13.6	12.0	10.7	10.2	9.6	9.1	8.7	8.7	8.6	8.0	7.6
6.25°	13.8	12.2	10.8	10.2	9.7	9.1	8.7	8.7	8.6	8.1	7.6
5°	13.9	12.3	10.8	10.3	9.7	9.2	8.7	8.7	8.6	8.1	7.6
3.75°	14.1	12.4	10.9	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6
2.5°	14.1	12.5	10.9	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6
1.25°	14.2	12.5	10.9	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6
0°	14.2	12.6	10.9	10.4	9.8	9.3	8.7	8.7	8.7	8.2	7.6
-1.25°	14.2	12.5	10.9	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6
-2.5°	14.1	12.5	10.9	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6
-3.75°	14.1	12.4	10.9	10.3	9.8	9.2	8.7	8.7	8.7	8.1	7.6
-5°	13.9	12.3	10.8	10.3	9.7	9.2	8.7	8.7	8.6	8.1	7.6
-6.25°	13.8	12.2	10.8	10.2	9.7	9.1	8.7	8.7	8.6	8.1	7.6
-7.5°	13.6	12.0	10.7	10.2	9.6	9.1	8.7	8.7	8.6	8.0	7.6
-8.75°	13.4	11.8	10.7	10.1	9.6	9.0	8.7	8.7	8.5	8.0	7.6
-10°	13.2	11.5	10.6	10.0	9.5	9.0	8.7	8.7	8.5	7.9	7.6
-11.25°	12.9	11.3	10.5	10.0	9.4	8.9	8.7	8.7	8.4	7.9	7.6
-12.5°	12.6	11.0	10.4	9.9	9.3	8.8	8.7	8.7	8.3	7.8	7.6
-13.75°	12.2	10.8	10.3	9.8	9.3	8.7	8.7	8.7	8.2	7.7	7.6
-15°	11.9	10.7	10.2	9.7	9.1	8.7	8.7	8.7	8.2	7.6	7.6
-16.25°	11.5	10.6	10.1	9.6	9.0	8.7	8.7	8.6	8.1	7.6	7.6
-17.5°	11.1	10.4	9.9	9.4	8.9	8.7	8.7	8.5	8.0	7.6	7.6
-18.75°	10.8	10.3	9.8	9.3	8.8	8.7	8.7	8.4	7.9	7.6	7.6
-20°	10.6	10.1	9.6	9.2	8.7	8.7	8.7	8.2	7.7	7.6	7.6
-21.25°	10.5	10.0	9.5	9.0	8.7	8.7	8.6	8.1	7.6	7.6	7.6



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	10.3	9.8	9.3	8.8	8.7	8.7	8.5	8.0	7.6	7.6	7.6
-23.75°	10.1	9.6	9.2	8.7	8.7	8.7	8.3	7.8	7.6	7.6	7.6
-25°	9.9	9.4	9.0	8.7	8.7	8.7	8.2	7.7	7.6	7.6	7.6
-26.25°	9.7	9.3	8.8	8.7	8.7	8.5	8.0	7.6	7.6	7.6	7.6
-27.5°	9.5	9.0	8.7	8.7	8.7	8.3	7.9	7.6	7.6	7.6	7.6
-28.75°	9.3	8.8	8.7	8.7	8.6	8.1	7.7	7.6	7.6	7.6	7.6
-30°	9.1	8.7	8.7	8.7	8.4	8.0	7.6	7.6	7.6	7.6	7.6
-31.25°	8.8	8.7	8.7	8.6	8.2	7.8	7.6	7.6	7.6	7.6	7.6
-32.5°	8.7	8.7	8.7	8.4	8.0	7.6	7.6	7.6	7.6	7.6	7.6
-33.75°	8.7	8.7	8.6	8.2	7.8	7.6	7.6	7.6	7.6	7.6	7.6
-35°	8.7	8.7	8.4	8.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-36.25°	8.7	8.5	8.1	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-37.5°	8.7	8.3	7.9	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-38.75°	8.4	8.0	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-40°	8.1	7.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
-41.25°	7.8	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4
-42.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3
-43.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.1
-45°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	6.9
-46.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.3	7.0	6.7
-47.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.1	6.8	6.5
-48.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.2	6.9	6.6	6.3
-50°	7.6	7.6	7.6	7.6	7.6	7.5	7.3	7.0	6.7	6.4	6.0
-51.25°	7.6	7.6	7.6	7.6	7.6	7.3	7.0	6.7	6.4	6.1	5.8
-52.5°	7.6	7.6	7.6	7.6	7.3	7.0	6.8	6.5	6.2	5.9	5.6
-53.75°	7.6	7.6	7.5	7.3	7.0	6.8	6.5	6.2	6.0	5.7	5.5
-55°	7.6	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.7	5.5	5.5
-56.25°	7.4	7.2	7.0	6.7	6.5	6.2	6.0	5.7	5.5	5.5	5.5
-57.5°	7.1	6.9	6.7	6.4	6.2	6.0	5.7	5.5	5.5	5.5	5.5
-58.75°	6.8	6.6	6.4	6.1	5.9	5.7	5.5	5.5	5.5	5.5	5.5
-60°	6.5	6.3	6.0	5.8	5.6	5.5	5.5	5.5	5.5	5.5	5.3
-61.25°	6.1	5.9	5.7	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.0
-62.5°	5.8	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.2	5.0	4.8
-63.75°	5.5	5.5	5.5	5.5	5.5	5.5	5.4	5.2	4.9	4.7	4.5
-65°	5.5	5.5	5.5	5.5	5.5	5.3	5.1	4.9	4.7	4.5	4.1
-66.25°	5.5	5.5	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.0	3.6
-67.5°	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.2	3.8	3.5	3.1
-68.75°	5.1	5.0	4.8	4.7	4.5	4.3	4.0	3.6	3.3	2.9	2.6
-70°	4.8	4.6	4.5	4.3	4.0	3.7	3.4	3.0	2.7	2.4	2.2
-71.25°	4.4	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.2	2.2	2.2
-72.5°	3.7	3.5	3.2	2.9	2.7	2.4	2.2	2.2	2.2	2.2	2.2
-73.75°	3.0	2.8	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-75°	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-76.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9
-77.5°	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.6



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.5	1.4
-80°	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.2	1.1
-81.25°	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1
-82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-86.25°	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5
-88.75°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.8
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9
81.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
78.75°	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
76.25°	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1
75°	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.1	1.1	1.1
73.75°	2.2	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	1.1
72.5°	2.2	2.2	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.2	1.1
71.25°	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.7	1.5	1.3	1.2
70°	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.3
68.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.7	1.5
67.5°	2.7	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.6
66.25°	3.2	2.8	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.7
65°	3.7	3.3	2.9	2.5	2.2	2.2	2.2	2.2	2.2	2.1	1.9
63.75°	4.2	3.8	3.3	2.9	2.4	2.2	2.2	2.2	2.2	2.2	2.0
62.5°	4.5	4.2	3.8	3.3	2.8	2.4	2.2	2.2	2.2	2.2	2.2
61.25°	4.8	4.5	4.2	3.7	3.2	2.7	2.2	2.2	2.2	2.2	2.2
60°	5.0	4.8	4.5	4.1	3.6	3.1	2.6	2.2	2.2	2.2	2.2
58.75°	5.3	5.0	4.7	4.5	4.0	3.5	2.9	2.4	2.2	2.2	2.2
57.5°	5.5	5.2	4.9	4.7	4.4	3.8	3.3	2.7	2.2	2.2	2.2
56.25°	5.5	5.4	5.2	4.9	4.6	4.2	3.6	3.0	2.5	2.2	2.2
55°	5.5	5.5	5.4	5.1	4.8	4.5	4.0	3.4	2.7	2.2	2.2
53.75°	5.5	5.5	5.5	5.3	5.0	4.7	4.3	3.7	3.0	2.4	2.2
52.5°	5.5	5.5	5.5	5.5	5.1	4.8	4.5	4.0	3.3	2.7	2.2
51.25°	5.5	5.5	5.5	5.5	5.3	5.0	4.7	4.3	3.6	2.9	2.3
50°	5.7	5.5	5.5	5.5	5.5	5.2	4.8	4.5	3.9	3.2	2.5
48.75°	5.9	5.6	5.5	5.5	5.5	5.3	5.0	4.6	4.2	3.5	2.8
47.5°	6.1	5.8	5.5	5.5	5.5	5.5	5.1	4.8	4.4	3.7	3.0
46.25°	6.3	6.0	5.6	5.5	5.5	5.5	5.3	4.9	4.6	4.0	3.2
45°	6.5	6.2	5.8	5.5	5.5	5.5	5.4	5.1	4.7	4.2	3.4
43.75°	6.7	6.4	6.0	5.6	5.5	5.5	5.5	5.2	4.8	4.4	3.7
42.5°	6.9	6.6	6.2	5.8	5.5	5.5	5.5	5.3	4.9	4.5	3.9
41.25°	7.1	6.7	6.3	6.0	5.6	5.5	5.5	5.5	5.1	4.6	4.1
40°	7.2	6.9	6.5	6.1	5.7	5.5	5.5	5.5	5.2	4.8	4.3
38.75°	7.4	7.0	6.7	6.3	5.9	5.5	5.5	5.5	5.3	4.9	4.4
37.5°	7.6	7.2	6.8	6.4	6.0	5.6	5.5	5.5	5.4	5.0	4.5
36.25°	7.6	7.3	7.0	6.6	6.1	5.7	5.5	5.5	5.5	5.1	4.6
35°	7.6	7.5	7.1	6.7	6.3	5.8	5.5	5.5	5.5	5.2	4.7



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	7.6	7.6	7.2	6.8	6.4	6.0	5.5	5.5	5.5	5.3	4.8
32.5°	7.6	7.6	7.4	7.0	6.5	6.1	5.6	5.5	5.5	5.4	4.9
31.25°	7.6	7.6	7.5	7.1	6.7	6.2	5.7	5.5	5.5	5.5	5.0
30°	7.6	7.6	7.6	7.2	6.8	6.3	5.8	5.5	5.5	5.5	5.1
28.75°	7.6	7.6	7.6	7.3	6.9	6.4	6.0	5.5	5.5	5.5	5.1
27.5°	7.6	7.6	7.6	7.4	7.0	6.5	6.1	5.6	5.5	5.5	5.2
26.25°	7.6	7.6	7.6	7.5	7.1	6.6	6.1	5.7	5.5	5.5	5.3
25°	7.6	7.6	7.6	7.6	7.2	6.7	6.2	5.7	5.5	5.5	5.4
23.75°	7.6	7.6	7.6	7.6	7.3	6.8	6.3	5.8	5.5	5.5	5.4
22.5°	7.6	7.6	7.6	7.6	7.3	6.9	6.4	5.9	5.5	5.5	5.5
21.25°	7.6	7.6	7.6	7.6	7.4	7.0	6.5	6.0	5.5	5.5	5.5
20°	7.6	7.6	7.6	7.6	7.5	7.0	6.6	6.0	5.5	5.5	5.5
18.75°	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.1	5.6	5.5	5.5
17.5°	7.6	7.6	7.6	7.6	7.6	7.2	6.7	6.2	5.7	5.5	5.5
16.25°	7.6	7.6	7.6	7.6	7.6	7.2	6.7	6.2	5.7	5.5	5.5
15°	7.6	7.6	7.6	7.6	7.6	7.3	6.8	6.3	5.8	5.5	5.5
13.75°	7.6	7.6	7.6	7.6	7.6	7.3	6.8	6.3	5.8	5.5	5.5
12.5°	7.6	7.6	7.6	7.6	7.6	7.4	6.9	6.4	5.8	5.5	5.5
11.25°	7.6	7.6	7.6	7.6	7.6	7.4	6.9	6.4	5.9	5.5	5.5
10°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	5.9	5.5	5.5
8.75°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	6.0	5.5	5.5
7.5°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	6.0	5.5	5.5
6.25°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	6.0	5.5	5.5
5°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
3.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
2.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
1.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
0°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.1	5.5	5.5
-1.25°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
-2.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
-3.75°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
-5°	7.6	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.0	5.5	5.5
-6.25°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	6.0	5.5	5.5
-7.5°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	6.0	5.5	5.5
-8.75°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	6.0	5.5	5.5
-10°	7.6	7.6	7.6	7.6	7.6	7.5	7.0	6.5	5.9	5.5	5.5
-11.25°	7.6	7.6	7.6	7.6	7.6	7.4	6.9	6.4	5.9	5.5	5.5
-12.5°	7.6	7.6	7.6	7.6	7.6	7.4	6.9	6.4	5.8	5.5	5.5
-13.75°	7.6	7.6	7.6	7.6	7.6	7.3	6.8	6.3	5.8	5.5	5.5
-15°	7.6	7.6	7.6	7.6	7.6	7.3	6.8	6.3	5.8	5.5	5.5
-16.25°	7.6	7.6	7.6	7.6	7.6	7.2	6.7	6.2	5.7	5.5	5.5
-17.5°	7.6	7.6	7.6	7.6	7.6	7.2	6.7	6.2	5.7	5.5	5.5
-18.75°	7.6	7.6	7.6	7.6	7.6	7.1	6.6	6.1	5.6	5.5	5.5
-20°	7.6	7.6	7.6	7.6	7.5	7.0	6.6	6.0	5.5	5.5	5.5
-21.25°	7.6	7.6	7.6	7.6	7.4	7.0	6.5	6.0	5.5	5.5	5.5



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	7.6	7.6	7.6	7.6	7.3	6.9	6.4	5.9	5.5	5.5	5.5
-23.75°	7.6	7.6	7.6	7.6	7.3	6.8	6.3	5.8	5.5	5.5	5.4
-25°	7.6	7.6	7.6	7.6	7.2	6.7	6.2	5.7	5.5	5.5	5.4
-26.25°	7.6	7.6	7.6	7.5	7.1	6.6	6.1	5.7	5.5	5.5	5.3
-27.5°	7.6	7.6	7.6	7.4	7.0	6.5	6.1	5.6	5.5	5.5	5.2
-28.75°	7.6	7.6	7.6	7.3	6.9	6.4	6.0	5.5	5.5	5.5	5.1
-30°	7.6	7.6	7.6	7.2	6.8	6.3	5.8	5.5	5.5	5.5	5.1
-31.25°	7.6	7.6	7.5	7.1	6.7	6.2	5.7	5.5	5.5	5.5	5.0
-32.5°	7.6	7.6	7.4	7.0	6.5	6.1	5.6	5.5	5.5	5.4	4.9
-33.75°	7.6	7.6	7.2	6.8	6.4	6.0	5.5	5.5	5.5	5.3	4.8
-35°	7.6	7.5	7.1	6.7	6.3	5.8	5.5	5.5	5.5	5.2	4.7
-36.25°	7.6	7.3	7.0	6.6	6.1	5.7	5.5	5.5	5.5	5.1	4.6
-37.5°	7.6	7.2	6.8	6.4	6.0	5.6	5.5	5.5	5.4	5.0	4.5
-38.75°	7.4	7.0	6.7	6.3	5.9	5.5	5.5	5.5	5.3	4.9	4.4
-40°	7.2	6.9	6.5	6.1	5.7	5.5	5.5	5.5	5.2	4.8	4.3
-41.25°	7.1	6.7	6.3	6.0	5.6	5.5	5.5	5.5	5.1	4.6	4.1
-42.5°	6.9	6.6	6.2	5.8	5.5	5.5	5.5	5.3	4.9	4.5	3.9
-43.75°	6.7	6.4	6.0	5.6	5.5	5.5	5.5	5.2	4.8	4.4	3.7
-45°	6.5	6.2	5.8	5.5	5.5	5.5	5.4	5.1	4.7	4.2	3.4
-46.25°	6.3	6.0	5.6	5.5	5.5	5.5	5.3	4.9	4.6	4.0	3.2
-47.5°	6.1	5.8	5.5	5.5	5.5	5.5	5.1	4.8	4.4	3.7	3.0
-48.75°	5.9	5.6	5.5	5.5	5.5	5.3	5.0	4.6	4.2	3.5	2.8
-50°	5.7	5.5	5.5	5.5	5.5	5.2	4.8	4.5	3.9	3.2	2.5
-51.25°	5.5	5.5	5.5	5.5	5.3	5.0	4.7	4.3	3.6	2.9	2.3
-52.5°	5.5	5.5	5.5	5.5	5.1	4.8	4.5	4.0	3.3	2.7	2.2
-53.75°	5.5	5.5	5.5	5.3	5.0	4.7	4.3	3.7	3.0	2.4	2.2
-55°	5.5	5.5	5.4	5.1	4.8	4.5	4.0	3.4	2.7	2.2	2.2
-56.25°	5.5	5.4	5.2	4.9	4.6	4.2	3.6	3.0	2.5	2.2	2.2
-57.5°	5.5	5.2	4.9	4.7	4.4	3.8	3.3	2.7	2.2	2.2	2.2
-58.75°	5.3	5.0	4.7	4.5	4.0	3.5	2.9	2.4	2.2	2.2	2.2
-60°	5.0	4.8	4.5	4.1	3.6	3.1	2.6	2.2	2.2	2.2	2.2
-61.25°	4.8	4.5	4.2	3.7	3.2	2.7	2.2	2.2	2.2	2.2	2.2
-62.5°	4.5	4.2	3.8	3.3	2.8	2.4	2.2	2.2	2.2	2.2	2.2
-63.75°	4.2	3.8	3.3	2.9	2.4	2.2	2.2	2.2	2.2	2.2	2.0
-65°	3.7	3.3	2.9	2.5	2.2	2.2	2.2	2.2	2.2	2.1	1.9
-66.25°	3.2	2.8	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.7
-67.5°	2.7	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.6
-68.75°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.7	1.5
-70°	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7	1.5	1.3
-71.25°	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.7	1.5	1.3	1.2
-72.5°	2.2	2.2	2.2	2.1	2.0	1.8	1.7	1.5	1.3	1.2	1.1
-73.75°	2.2	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	1.1
-75°	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.1	1.1	1.1
-76.25°	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1
-77.5°	1.5	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-81.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9
-83.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.9	0.8	0.8
-85°	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
-86.25°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-88.75°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-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°	4.3	3.4	2.5	2.2	2.2	2.1	1.6	1.2	1.1	1.1	0.9
32.5°	4.4	3.6	2.7	2.2	2.2	2.1	1.7	1.2	1.1	1.1	0.9
31.25°	4.5	3.7	2.8	2.2	2.2	2.2	1.7	1.2	1.1	1.1	0.9
30°	4.6	3.9	2.9	2.2	2.2	2.2	1.8	1.3	1.1	1.1	1.0
28.75°	4.7	4.0	3.0	2.2	2.2	2.2	1.8	1.3	1.1	1.1	1.0
27.5°	4.7	4.1	3.1	2.2	2.2	2.2	1.8	1.3	1.1	1.1	1.0
26.25°	4.8	4.2	3.3	2.3	2.2	2.2	1.9	1.4	1.1	1.1	1.0
25°	4.9	4.3	3.4	2.4	2.2	2.2	1.9	1.4	1.1	1.1	1.0
23.75°	4.9	4.4	3.5	2.5	2.2	2.2	1.9	1.4	1.1	1.1	1.0
22.5°	5.0	4.5	3.6	2.5	2.2	2.2	1.9	1.4	1.1	1.1	1.0
21.25°	5.0	4.5	3.6	2.6	2.2	2.2	2.0	1.5	1.1	1.1	1.0
20°	5.1	4.6	3.7	2.7	2.2	2.2	2.0	1.5	1.1	1.1	1.0
18.75°	5.1	4.6	3.8	2.8	2.2	2.2	2.0	1.5	1.1	1.1	1.0
17.5°	5.2	4.7	3.9	2.8	2.2	2.2	2.0	1.5	1.1	1.1	1.0
16.25°	5.2	4.7	4.0	2.9	2.2	2.2	2.1	1.5	1.1	1.1	1.1
15°	5.3	4.7	4.0	3.0	2.2	2.2	2.1	1.6	1.1	1.1	1.1
13.75°	5.3	4.8	4.1	3.0	2.2	2.2	2.1	1.6	1.1	1.1	1.1
12.5°	5.3	4.8	4.1	3.1	2.2	2.2	2.1	1.6	1.1	1.1	1.1
11.25°	5.4	4.8	4.2	3.1	2.2	2.2	2.1	1.6	1.1	1.1	1.1
10°	5.4	4.9	4.2	3.1	2.2	2.2	2.1	1.6	1.1	1.1	1.1
8.75°	5.4	4.9	4.3	3.2	2.2	2.2	2.2	1.6	1.1	1.1	1.1
7.5°	5.4	4.9	4.3	3.2	2.2	2.2	2.2	1.6	1.1	1.1	1.1
6.25°	5.5	4.9	4.3	3.2	2.2	2.2	2.2	1.6	1.1	1.1	1.1
5°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
3.75°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
2.5°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
1.25°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
0°	5.5	5.0	4.4	3.3	2.2	2.2	2.2	1.7	1.1	1.1	1.1
-1.25°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-2.5°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-3.75°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-5°	5.5	4.9	4.4	3.3	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-6.25°	5.5	4.9	4.3	3.2	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-7.5°	5.4	4.9	4.3	3.2	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-8.75°	5.4	4.9	4.3	3.2	2.2	2.2	2.2	1.6	1.1	1.1	1.1
-10°	5.4	4.9	4.2	3.1	2.2	2.2	2.1	1.6	1.1	1.1	1.1
-11.25°	5.4	4.8	4.2	3.1	2.2	2.2	2.1	1.6	1.1	1.1	1.1
-12.5°	5.3	4.8	4.1	3.1	2.2	2.2	2.1	1.6	1.1	1.1	1.1
-13.75°	5.3	4.8	4.1	3.0	2.2	2.2	2.1	1.6	1.1	1.1	1.1
-15°	5.3	4.7	4.0	3.0	2.2	2.2	2.1	1.6	1.1	1.1	1.1
-16.25°	5.2	4.7	4.0	2.9	2.2	2.2	2.1	1.5	1.1	1.1	1.1
-17.5°	5.2	4.7	3.9	2.8	2.2	2.2	2.0	1.5	1.1	1.1	1.0
-18.75°	5.1	4.6	3.8	2.8	2.2	2.2	2.0	1.5	1.1	1.1	1.0
-20°	5.1	4.6	3.7	2.7	2.2	2.2	2.0	1.5	1.1	1.1	1.0
-21.25°	5.0	4.5	3.6	2.6	2.2	2.2	2.0	1.5	1.1	1.1	1.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	5.0	4.5	3.6	2.5	2.2	2.2	1.9	1.4	1.1	1.1	1.0
-23.75°	4.9	4.4	3.5	2.5	2.2	2.2	1.9	1.4	1.1	1.1	1.0
-25°	4.9	4.3	3.4	2.4	2.2	2.2	1.9	1.4	1.1	1.1	1.0
-26.25°	4.8	4.2	3.3	2.3	2.2	2.2	1.9	1.4	1.1	1.1	1.0
-27.5°	4.7	4.1	3.1	2.2	2.2	2.2	1.8	1.3	1.1	1.1	1.0
-28.75°	4.7	4.0	3.0	2.2	2.2	2.2	1.8	1.3	1.1	1.1	1.0
-30°	4.6	3.9	2.9	2.2	2.2	2.2	1.8	1.3	1.1	1.1	1.0
-31.25°	4.5	3.7	2.8	2.2	2.2	2.2	1.7	1.2	1.1	1.1	0.9
-32.5°	4.4	3.6	2.7	2.2	2.2	2.1	1.7	1.2	1.1	1.1	0.9
-33.75°	4.3	3.4	2.5	2.2	2.2	2.1	1.6	1.2	1.1	1.1	0.9
-35°	4.2	3.3	2.4	2.2	2.2	2.0	1.6	1.2	1.1	1.1	0.9
-36.25°	4.0	3.1	2.2	2.2	2.2	2.0	1.6	1.1	1.1	1.1	0.9
-37.5°	3.8	3.0	2.2	2.2	2.2	1.9	1.5	1.1	1.1	1.1	0.9
-38.75°	3.6	2.8	2.2	2.2	2.2	1.9	1.5	1.1	1.1	1.1	0.9
-40°	3.5	2.6	2.2	2.2	2.2	1.8	1.4	1.1	1.1	1.1	0.8
-41.25°	3.3	2.5	2.2	2.2	2.2	1.8	1.4	1.1	1.1	1.1	0.8
-42.5°	3.1	2.3	2.2	2.2	2.1	1.7	1.3	1.1	1.1	1.1	0.8
-43.75°	2.9	2.2	2.2	2.2	2.1	1.7	1.3	1.1	1.1	1.1	0.8
-45°	2.7	2.2	2.2	2.2	2.0	1.6	1.2	1.1	1.1	1.1	0.8
-46.25°	2.5	2.2	2.2	2.2	1.9	1.6	1.2	1.1	1.1	1.1	0.8
-47.5°	2.3	2.2	2.2	2.2	1.9	1.5	1.1	1.1	1.1	1.1	0.7
-48.75°	2.2	2.2	2.2	2.2	1.8	1.4	1.1	1.1	1.1	1.1	0.7
-50°	2.2	2.2	2.2	2.1	1.7	1.4	1.1	1.1	1.1	1.1	0.7
-51.25°	2.2	2.2	2.2	2.0	1.6	1.3	1.1	1.1	1.1	1.0	0.7
-52.5°	2.2	2.2	2.2	1.9	1.6	1.2	1.1	1.1	1.1	1.0	0.7
-53.75°	2.2	2.2	2.1	1.8	1.5	1.2	1.1	1.1	1.1	1.0	0.7
-55°	2.2	2.2	2.0	1.7	1.4	1.1	1.1	1.1	1.1	0.9	0.6
-56.25°	2.2	2.2	1.9	1.6	1.3	1.1	1.1	1.1	1.1	0.9	0.6
-57.5°	2.2	2.1	1.8	1.5	1.3	1.1	1.1	1.1	1.1	0.9	0.6
-58.75°	2.2	2.0	1.7	1.5	1.2	1.1	1.1	1.1	1.1	0.9	0.6
-60°	2.2	1.9	1.6	1.4	1.1	1.1	1.1	1.1	1.1	0.8	0.5
-61.25°	2.0	1.8	1.5	1.3	1.1	1.1	1.1	1.1	1.1	0.8	0.5
-62.5°	1.9	1.7	1.4	1.2	1.1	1.1	1.1	1.1	1.0	0.8	0.5
-63.75°	1.8	1.6	1.3	1.1	1.1	1.1	1.1	1.1	1.0	0.7	0.5
-65°	1.7	1.4	1.2	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.5
-66.25°	1.5	1.3	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.4
-67.5°	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	0.8	0.6	0.4
-68.75°	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8	0.6	0.4
-70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.8	0.6	0.4
-71.25°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.5	0.4
-72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8	0.7	0.5	0.3
-73.75°	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.8	0.6	0.5	0.3
-75°	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.7	0.6	0.4	0.3
-76.25°	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-77.5°	1.1	1.1	1.1	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.2



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	1.1	1.1	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3	0.2
-80°	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-81.25°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.2
-82.5°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2	0.1
-83.75°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-85°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
-87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.0	0.0
86.25°	0.0	0.0
85°	0.0	0.0
83.75°	0.1	0.0
82.5°	0.1	0.0
81.25°	0.1	0.0
80°	0.1	0.0
78.75°	0.1	0.0
77.5°	0.1	0.0
76.25°	0.1	0.0
75°	0.1	0.0
73.75°	0.2	0.0
72.5°	0.2	0.0
71.25°	0.2	0.0
70°	0.2	0.0
68.75°	0.2	0.0
67.5°	0.2	0.0
66.25°	0.2	0.0
65°	0.2	0.0
63.75°	0.2	0.0
62.5°	0.3	0.0
61.25°	0.3	0.0
60°	0.3	0.0
58.75°	0.3	0.0
57.5°	0.3	0.0
56.25°	0.3	0.0
55°	0.3	0.0
53.75°	0.3	0.0
52.5°	0.3	0.0
51.25°	0.3	0.0
50°	0.4	0.0
48.75°	0.4	0.0
47.5°	0.4	0.0
46.25°	0.4	0.0
45°	0.4	0.0
43.75°	0.4	0.0
42.5°	0.4	0.0
41.25°	0.4	0.0
40°	0.4	0.0
38.75°	0.4	0.0
37.5°	0.4	0.0
36.25°	0.4	0.0
35°	0.5	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0.5	0.0
-23.75°	0.5	0.0
-25°	0.5	0.0
-26.25°	0.5	0.0
-27.5°	0.5	0.0
-28.75°	0.5	0.0
-30°	0.5	0.0
-31.25°	0.5	0.0
-32.5°	0.5	0.0
-33.75°	0.5	0.0
-35°	0.5	0.0
-36.25°	0.4	0.0
-37.5°	0.4	0.0
-38.75°	0.4	0.0
-40°	0.4	0.0
-41.25°	0.4	0.0
-42.5°	0.4	0.0
-43.75°	0.4	0.0
-45°	0.4	0.0
-46.25°	0.4	0.0
-47.5°	0.4	0.0
-48.75°	0.4	0.0
-50°	0.4	0.0
-51.25°	0.3	0.0
-52.5°	0.3	0.0
-53.75°	0.3	0.0
-55°	0.3	0.0
-56.25°	0.3	0.0
-57.5°	0.3	0.0
-58.75°	0.3	0.0
-60°	0.3	0.0
-61.25°	0.3	0.0
-62.5°	0.3	0.0
-63.75°	0.2	0.0
-65°	0.2	0.0
-66.25°	0.2	0.0
-67.5°	0.2	0.0
-68.75°	0.2	0.0
-70°	0.2	0.0
-71.25°	0.2	0.0
-72.5°	0.2	0.0
-73.75°	0.2	0.0
-75°	0.1	0.0
-76.25°	0.1	0.0
-77.5°	0.1	0.0



REPORT NUMBER: P220380 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)