

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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

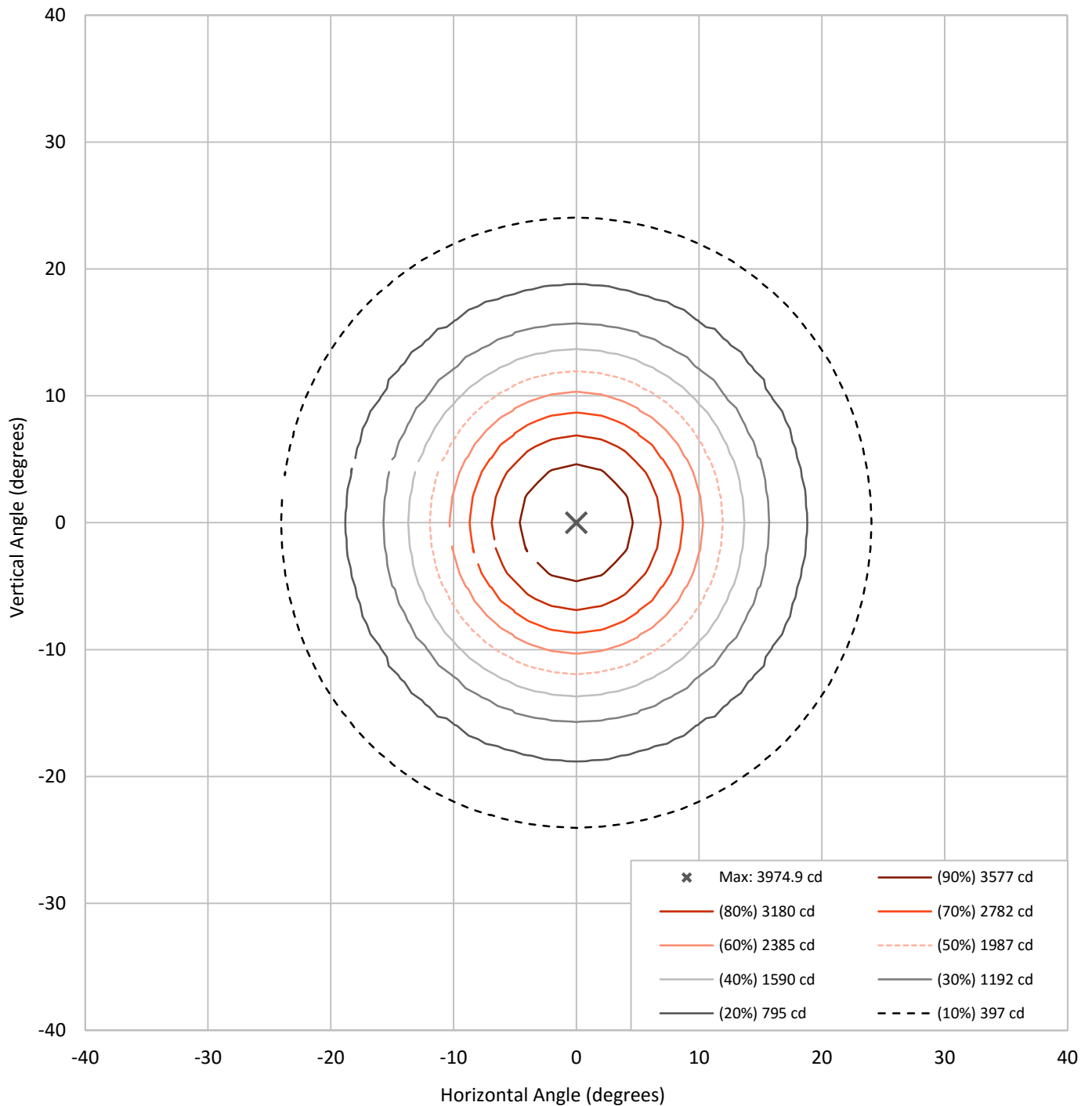
Test Method: LM-79-08
Report Number: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED 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:	4H x 4V
Luminaire Lumens:	973.5 lumens	Max Intensity:	3974.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.9°H x 23.9°V	Field Angle (10%):	48.1°H x 48.1°V
Beam Lumens:	388.3 lumens	Field Lumens:	763.6 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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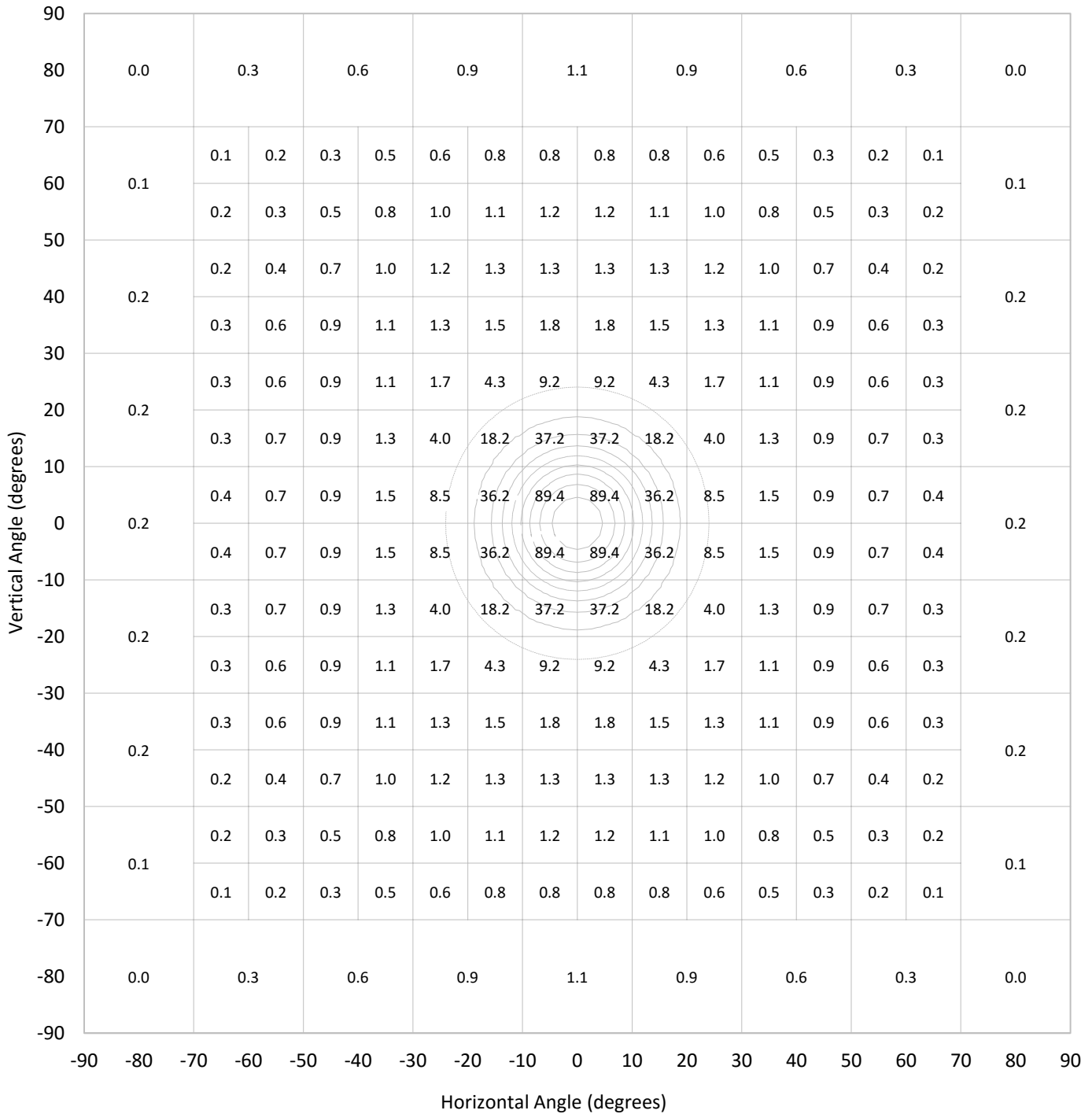
Iso-Candela Plot





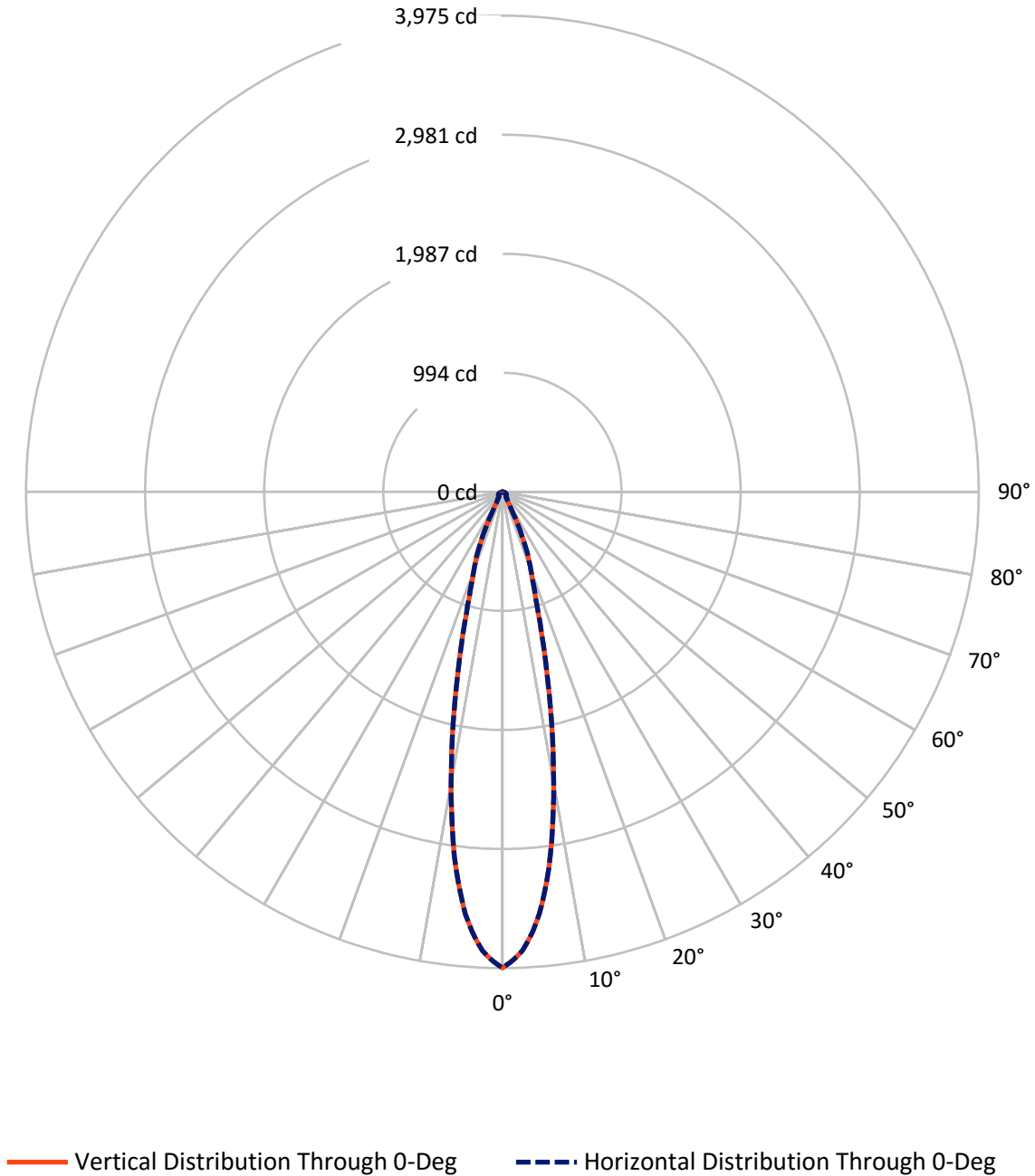
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Lumen Table



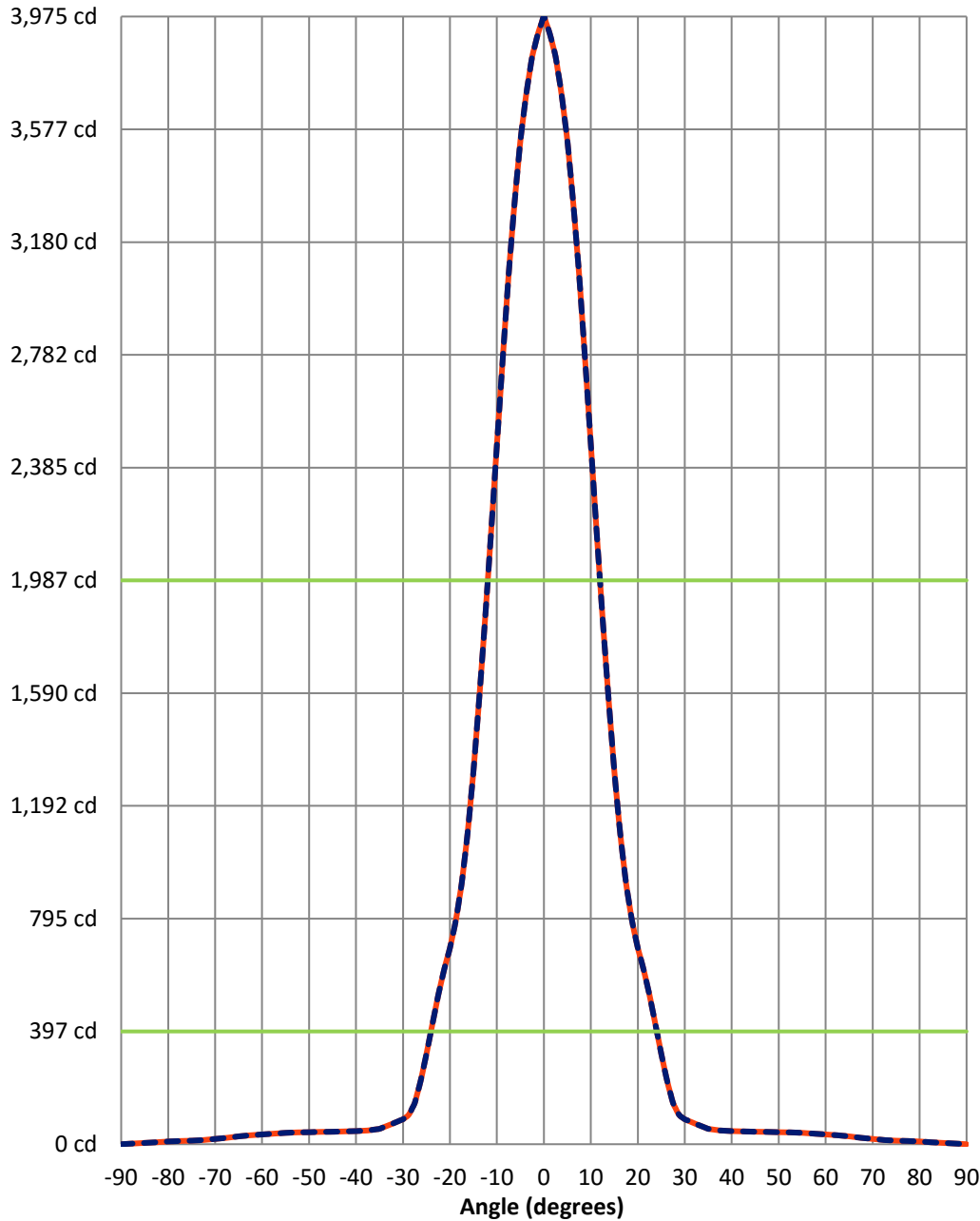
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 23.9°
 V Angle: 23.9°
 Lumens: 388.3
 Efficiency: 39.9%

Field:
 H Angle: 48.1°
 V Angle: 48.1°
 Lumens: 763.6
 Efficiency: 78.4%

Spill:
 Lumens: 209.9
 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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5
86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
83.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
82.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
81.25°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
78.75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
77.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5
76.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.6	2.9
73.75°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.2
72.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
71.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
70°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
68.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
67.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
66.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.6	4.1	4.5
65°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.3	3.8	4.3	4.7
63.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
62.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.7	5.2
61.25°	0.0	0.6	1.1	1.7	2.2	2.7	3.3	3.8	4.3	4.9	5.4
60°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.1	5.6
58.75°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.8
57.5°	0.0	0.6	1.2	1.9	2.5	3.1	3.6	4.2	4.8	5.4	6.0
56.25°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.3
55°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.5
53.75°	0.0	0.7	1.4	2.0	2.7	3.3	4.0	4.6	5.3	6.0	6.7
52.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.5	6.2	6.9
51.25°	0.0	0.7	1.4	2.2	2.9	3.5	4.2	4.9	5.6	6.4	7.1
50°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.4
48.75°	0.0	0.8	1.5	2.3	3.0	3.7	4.4	5.2	5.9	6.7	7.6
47.5°	0.0	0.8	1.6	2.3	3.1	3.8	4.6	5.3	6.1	6.9	7.8
46.25°	0.0	0.8	1.6	2.4	3.1	3.9	4.7	5.5	6.2	7.1	8.0
45°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.3	8.3
43.75°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	5.7	6.5	7.5	8.5
42.5°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.7	8.7
41.25°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.8	7.8	8.9
40°	0.0	0.9	1.8	2.6	3.5	4.3	5.2	6.1	7.0	8.0	9.1
38.75°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.2	7.1	8.2	9.3
37.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.3	8.4	9.5
36.25°	0.0	0.9	1.9	2.8	3.6	4.5	5.5	6.4	7.4	8.5	9.6
35°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.5	7.6	8.7	9.7



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.0	1.9	2.8	3.8	4.7	5.6	6.6	7.7	8.9	9.8
32.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.7	7.8	9.0	10.0
31.25°	0.0	1.0	2.0	2.9	3.9	4.8	5.8	6.8	8.0	9.2	10.1
30°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.9	8.1	9.3	10.1
28.75°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	7.0	8.2	9.4	10.2
27.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.1	8.3	9.6	10.3
26.25°	0.0	1.0	2.1	3.1	4.0	5.1	6.1	7.2	8.4	9.7	10.4
25°	0.0	1.0	2.1	3.1	4.1	5.1	6.2	7.3	8.5	9.7	10.5
23.75°	0.0	1.1	2.1	3.1	4.1	5.2	6.2	7.4	8.6	9.8	10.6
22.5°	0.0	1.1	2.1	3.1	4.2	5.2	6.3	7.4	8.7	9.9	10.6
21.25°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.5	8.8	9.9	10.7
20°	0.0	1.1	2.2	3.2	4.2	5.3	6.4	7.6	8.9	10.0	10.8
18.75°	0.0	1.1	2.2	3.2	4.3	5.3	6.4	7.7	9.0	10.0	10.8
17.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.5	7.7	9.1	10.1	10.9
16.25°	0.0	1.1	2.2	3.3	4.3	5.4	6.5	7.8	9.1	10.1	11.0
15°	0.0	1.1	2.2	3.3	4.3	5.5	6.6	7.9	9.2	10.2	11.0
13.75°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.9	9.3	10.2	11.1
12.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.3	10.3	11.1
11.25°	0.0	1.1	2.3	3.3	4.4	5.5	6.7	8.0	9.4	10.3	11.1
10°	0.0	1.1	2.3	3.3	4.4	5.6	6.7	8.0	9.4	10.3	11.2
8.75°	0.0	1.1	2.3	3.4	4.4	5.6	6.7	8.1	9.5	10.4	11.2
7.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	8.1	9.5	10.4	11.2
6.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.1	9.5	10.4	11.2
5°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
3.75°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
2.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
1.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
0°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	8.2	9.6	10.5	11.3
-1.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
-2.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
-3.75°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
-5°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.2	9.6	10.4	11.3
-6.25°	0.0	1.1	2.3	3.4	4.5	5.6	6.8	8.1	9.5	10.4	11.2
-7.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	8.1	9.5	10.4	11.2
-8.75°	0.0	1.1	2.3	3.4	4.4	5.6	6.7	8.1	9.5	10.4	11.2
-10°	0.0	1.1	2.3	3.3	4.4	5.6	6.7	8.0	9.4	10.3	11.2
-11.25°	0.0	1.1	2.3	3.3	4.4	5.5	6.7	8.0	9.4	10.3	11.1
-12.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	8.0	9.3	10.3	11.1
-13.75°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.9	9.3	10.2	11.1
-15°	0.0	1.1	2.2	3.3	4.3	5.5	6.6	7.9	9.2	10.2	11.0
-16.25°	0.0	1.1	2.2	3.3	4.3	5.4	6.5	7.8	9.1	10.1	11.0
-17.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.5	7.7	9.1	10.1	10.9
-18.75°	0.0	1.1	2.2	3.2	4.3	5.3	6.4	7.7	9.0	10.0	10.8
-20°	0.0	1.1	2.2	3.2	4.2	5.3	6.4	7.6	8.9	10.0	10.8
-21.25°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.5	8.8	9.9	10.7



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CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.1	2.1	3.1	4.2	5.2	6.3	7.4	8.7	9.9	10.6
-23.75°	0.0	1.1	2.1	3.1	4.1	5.2	6.2	7.4	8.6	9.8	10.6
-25°	0.0	1.0	2.1	3.1	4.1	5.1	6.2	7.3	8.5	9.7	10.5
-26.25°	0.0	1.0	2.1	3.1	4.0	5.1	6.1	7.2	8.4	9.7	10.4
-27.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.1	8.3	9.6	10.3
-28.75°	0.0	1.0	2.0	3.0	4.0	4.9	5.9	7.0	8.2	9.4	10.2
-30°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.9	8.1	9.3	10.1
-31.25°	0.0	1.0	2.0	2.9	3.9	4.8	5.8	6.8	8.0	9.2	10.1
-32.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	6.7	7.8	9.0	10.0
-33.75°	0.0	1.0	1.9	2.8	3.8	4.7	5.6	6.6	7.7	8.9	9.8
-35°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.5	7.6	8.7	9.7
-36.25°	0.0	0.9	1.9	2.8	3.6	4.5	5.5	6.4	7.4	8.5	9.6
-37.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.3	8.4	9.5
-38.75°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.2	7.1	8.2	9.3
-40°	0.0	0.9	1.8	2.6	3.5	4.3	5.2	6.1	7.0	8.0	9.1
-41.25°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.8	7.8	8.9
-42.5°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.7	8.7
-43.75°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	5.7	6.5	7.5	8.5
-45°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.3	8.3
-46.25°	0.0	0.8	1.6	2.4	3.1	3.9	4.7	5.5	6.2	7.1	8.0
-47.5°	0.0	0.8	1.6	2.3	3.1	3.8	4.6	5.3	6.1	6.9	7.8
-48.75°	0.0	0.8	1.5	2.3	3.0	3.7	4.4	5.2	5.9	6.7	7.6
-50°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	5.1	5.8	6.5	7.4
-51.25°	0.0	0.7	1.4	2.2	2.9	3.5	4.2	4.9	5.6	6.4	7.1
-52.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.5	6.2	6.9
-53.75°	0.0	0.7	1.4	2.0	2.7	3.3	4.0	4.6	5.3	6.0	6.7
-55°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.5
-56.25°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.3
-57.5°	0.0	0.6	1.2	1.9	2.5	3.1	3.6	4.2	4.8	5.4	6.0
-58.75°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.8
-60°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.1	5.6
-61.25°	0.0	0.6	1.1	1.7	2.2	2.7	3.3	3.8	4.3	4.9	5.4
-62.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.7	5.2
-63.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-65°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.3	3.8	4.3	4.7
-66.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.6	4.1	4.5
-67.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
-68.75°	0.0	0.4	0.8	1.2	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-70°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
-71.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
-72.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-73.75°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.6	2.9	3.2
-75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.6	2.9
-76.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-77.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.2	2.5



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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	0.2	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
-81.25°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7
-82.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
-83.75°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-86.25°	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5
-88.75°	0.0	0.0	0.1	0.1	0.1	0.1	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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
87.5°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
86.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5
85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0
83.75°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.5
82.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0
81.25°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5
80°	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0
78.75°	2.4	2.6	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
77.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.1	4.3	4.5	4.7	5.0
76.25°	2.9	3.2	3.5	3.7	4.0	4.2	4.4	4.7	5.0	5.2	5.5
75°	3.2	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9
73.75°	3.5	3.8	4.1	4.3	4.6	5.0	5.3	5.6	5.9	6.1	6.4
72.5°	3.7	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.6	7.0
71.25°	4.0	4.3	4.6	5.0	5.4	5.7	6.1	6.4	6.7	7.1	7.6
70°	4.2	4.6	5.0	5.3	5.7	6.1	6.5	6.8	7.3	7.7	8.1
68.75°	4.4	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.8	8.3	8.7
67.5°	4.7	5.1	5.6	6.0	6.4	6.8	7.3	7.8	8.3	8.8	9.3
66.25°	5.0	5.4	5.9	6.3	6.7	7.3	7.8	8.3	8.9	9.4	9.8
65°	5.2	5.7	6.1	6.6	7.1	7.7	8.3	8.8	9.4	9.8	10.1
63.75°	5.5	5.9	6.4	7.0	7.6	8.1	8.7	9.3	9.8	10.1	10.5
62.5°	5.7	6.2	6.7	7.3	8.0	8.6	9.2	9.7	10.1	10.5	10.8
61.25°	5.9	6.5	7.1	7.7	8.4	9.0	9.6	10.0	10.4	10.8	11.2
60°	6.2	6.7	7.4	8.1	8.8	9.4	9.9	10.3	10.7	11.1	11.4
58.75°	6.4	7.0	7.7	8.5	9.2	9.7	10.2	10.6	11.0	11.4	11.6
57.5°	6.7	7.4	8.1	8.8	9.5	10.0	10.4	10.9	11.3	11.6	11.8
56.25°	6.9	7.7	8.4	9.2	9.8	10.2	10.7	11.1	11.5	11.8	12.1
55°	7.2	8.0	8.7	9.5	10.0	10.5	11.0	11.4	11.7	12.0	12.3
53.75°	7.4	8.3	9.1	9.8	10.3	10.7	11.2	11.6	11.9	12.2	12.5
52.5°	7.7	8.6	9.4	10.0	10.5	11.0	11.4	11.7	12.0	12.4	12.9
51.25°	8.0	8.8	9.7	10.2	10.7	11.2	11.6	11.9	12.2	12.7	13.3
50°	8.2	9.1	9.8	10.4	10.9	11.4	11.7	12.1	12.4	13.1	13.7
48.75°	8.5	9.4	10.0	10.6	11.1	11.5	11.9	12.2	12.8	13.4	14.1
47.5°	8.7	9.6	10.2	10.8	11.3	11.7	12.0	12.4	13.1	13.8	14.5
46.25°	9.0	9.8	10.4	11.0	11.5	11.8	12.2	12.7	13.4	14.2	15.1
45°	9.2	10.0	10.6	11.1	11.6	12.0	12.3	13.0	13.8	14.5	15.8
43.75°	9.5	10.1	10.7	11.3	11.7	12.1	12.6	13.3	14.1	15.0	16.4
42.5°	9.7	10.3	10.9	11.4	11.8	12.2	12.8	13.6	14.4	15.6	17.1
41.25°	9.8	10.4	11.1	11.5	12.0	12.4	13.1	13.9	14.8	16.2	17.7
40°	9.9	10.6	11.2	11.7	12.1	12.6	13.4	14.2	15.4	16.8	18.3
38.75°	10.1	10.7	11.3	11.8	12.2	12.8	13.6	14.5	15.9	17.4	18.9
37.5°	10.2	10.9	11.4	11.9	12.3	13.1	13.9	14.9	16.4	17.9	19.4
36.25°	10.3	11.0	11.5	12.0	12.4	13.3	14.2	15.4	16.9	18.5	20.0
35°	10.4	11.1	11.6	12.1	12.6	13.5	14.4	15.8	17.4	19.0	20.5



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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°
33.75°	10.6	11.3	11.7	12.2	12.8	13.7	14.7	16.3	17.9	19.5	21.1
32.5°	10.7	11.3	11.8	12.3	13.0	14.0	15.1	16.7	18.4	20.0	21.6
31.25°	10.8	11.4	11.9	12.4	13.2	14.2	15.5	17.2	18.8	20.4	22.1
30°	10.9	11.5	12.0	12.5	13.4	14.4	15.9	17.6	19.2	20.9	22.5
28.75°	11.0	11.6	12.0	12.7	13.6	14.6	16.2	18.0	19.7	21.3	23.1
27.5°	11.1	11.6	12.1	12.8	13.8	14.9	16.6	18.3	20.1	21.7	23.7
26.25°	11.2	11.7	12.2	13.0	13.9	15.2	17.0	18.7	20.4	22.1	24.3
25°	11.3	11.8	12.3	13.1	14.1	15.5	17.3	19.1	20.8	22.5	24.8
23.75°	11.3	11.8	12.3	13.3	14.3	15.8	17.6	19.4	21.1	23.0	25.3
22.5°	11.4	11.9	12.4	13.4	14.4	16.1	17.9	19.7	21.5	23.5	25.8
21.25°	11.4	11.9	12.5	13.5	14.5	16.3	18.2	20.0	21.8	23.9	26.3
20°	11.5	12.0	12.6	13.6	14.7	16.6	18.5	20.3	22.1	24.3	26.7
18.75°	11.5	12.0	12.7	13.8	15.0	16.8	18.7	20.5	22.4	24.7	27.1
17.5°	11.6	12.1	12.8	13.9	15.2	17.1	18.9	20.8	22.7	25.1	27.5
16.25°	11.6	12.1	12.9	14.0	15.4	17.3	19.2	21.0	23.0	25.4	27.8
15°	11.6	12.2	13.0	14.1	15.5	17.5	19.4	21.2	23.3	25.7	28.1
13.75°	11.7	12.2	13.1	14.1	15.7	17.6	19.6	21.4	23.6	26.0	28.3
12.5°	11.7	12.2	13.2	14.2	15.9	17.8	19.7	21.6	23.8	26.3	28.5
11.25°	11.7	12.3	13.2	14.3	16.0	18.0	19.9	21.8	24.1	26.6	28.7
10°	11.8	12.3	13.3	14.4	16.1	18.1	20.0	21.9	24.3	26.8	28.9
8.75°	11.8	12.3	13.3	14.4	16.2	18.2	20.1	22.1	24.5	27.0	29.0
7.5°	11.8	12.3	13.4	14.5	16.3	18.3	20.3	22.2	24.6	27.1	29.2
6.25°	11.8	12.4	13.4	14.5	16.4	18.4	20.3	22.3	24.7	27.3	29.3
5°	11.8	12.4	13.4	14.5	16.5	18.5	20.4	22.4	24.9	27.4	29.4
3.75°	11.8	12.4	13.5	14.6	16.5	18.5	20.5	22.4	24.9	27.5	29.5
2.5°	11.8	12.4	13.5	14.6	16.6	18.6	20.5	22.5	25.0	27.5	29.5
1.25°	11.8	12.4	13.5	14.6	16.6	18.6	20.5	22.5	25.0	27.6	29.5
0°	11.9	12.4	13.5	14.6	16.6	18.6	20.6	22.5	25.1	27.6	29.6
-1.25°	11.8	12.4	13.5	14.6	16.6	18.6	20.5	22.5	25.0	27.6	29.5
-2.5°	11.8	12.4	13.5	14.6	16.6	18.6	20.5	22.5	25.0	27.5	29.5
-3.75°	11.8	12.4	13.5	14.6	16.5	18.5	20.5	22.4	24.9	27.5	29.5
-5°	11.8	12.4	13.4	14.5	16.5	18.5	20.4	22.4	24.9	27.4	29.4
-6.25°	11.8	12.4	13.4	14.5	16.4	18.4	20.3	22.3	24.7	27.3	29.3
-7.5°	11.8	12.3	13.4	14.5	16.3	18.3	20.3	22.2	24.6	27.1	29.2
-8.75°	11.8	12.3	13.3	14.4	16.2	18.2	20.1	22.1	24.5	27.0	29.0
-10°	11.8	12.3	13.3	14.4	16.1	18.1	20.0	21.9	24.3	26.8	28.9
-11.25°	11.7	12.3	13.2	14.3	16.0	18.0	19.9	21.8	24.1	26.6	28.7
-12.5°	11.7	12.2	13.2	14.2	15.9	17.8	19.7	21.6	23.8	26.3	28.5
-13.75°	11.7	12.2	13.1	14.1	15.7	17.6	19.6	21.4	23.6	26.0	28.3
-15°	11.6	12.2	13.0	14.1	15.5	17.5	19.4	21.2	23.3	25.7	28.1
-16.25°	11.6	12.1	12.9	14.0	15.4	17.3	19.2	21.0	23.0	25.4	27.8
-17.5°	11.6	12.1	12.8	13.9	15.2	17.1	18.9	20.8	22.7	25.1	27.5
-18.75°	11.5	12.0	12.7	13.8	15.0	16.8	18.7	20.5	22.4	24.7	27.1
-20°	11.5	12.0	12.6	13.6	14.7	16.6	18.5	20.3	22.1	24.3	26.7
-21.25°	11.4	11.9	12.5	13.5	14.5	16.3	18.2	20.0	21.8	23.9	26.3



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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°
-22.5°	11.4	11.9	12.4	13.4	14.4	16.1	17.9	19.7	21.5	23.5	25.8
-23.75°	11.3	11.8	12.3	13.3	14.3	15.8	17.6	19.4	21.1	23.0	25.3
-25°	11.3	11.8	12.3	13.1	14.1	15.5	17.3	19.1	20.8	22.5	24.8
-26.25°	11.2	11.7	12.2	13.0	13.9	15.2	17.0	18.7	20.4	22.1	24.3
-27.5°	11.1	11.6	12.1	12.8	13.8	14.9	16.6	18.3	20.1	21.7	23.7
-28.75°	11.0	11.6	12.0	12.7	13.6	14.6	16.2	18.0	19.7	21.3	23.1
-30°	10.9	11.5	12.0	12.5	13.4	14.4	15.9	17.6	19.2	20.9	22.5
-31.25°	10.8	11.4	11.9	12.4	13.2	14.2	15.5	17.2	18.8	20.4	22.1
-32.5°	10.7	11.3	11.8	12.3	13.0	14.0	15.1	16.7	18.4	20.0	21.6
-33.75°	10.6	11.3	11.7	12.2	12.8	13.7	14.7	16.3	17.9	19.5	21.1
-35°	10.4	11.1	11.6	12.1	12.6	13.5	14.4	15.8	17.4	19.0	20.5
-36.25°	10.3	11.0	11.5	12.0	12.4	13.3	14.2	15.4	16.9	18.5	20.0
-37.5°	10.2	10.9	11.4	11.9	12.3	13.1	13.9	14.9	16.4	17.9	19.4
-38.75°	10.1	10.7	11.3	11.8	12.2	12.8	13.6	14.5	15.9	17.4	18.9
-40°	9.9	10.6	11.2	11.7	12.1	12.6	13.4	14.2	15.4	16.8	18.3
-41.25°	9.8	10.4	11.1	11.5	12.0	12.4	13.1	13.9	14.8	16.2	17.7
-42.5°	9.7	10.3	10.9	11.4	11.8	12.2	12.8	13.6	14.4	15.6	17.1
-43.75°	9.5	10.1	10.7	11.3	11.7	12.1	12.6	13.3	14.1	15.0	16.4
-45°	9.2	10.0	10.6	11.1	11.6	12.0	12.3	13.0	13.8	14.5	15.8
-46.25°	9.0	9.8	10.4	11.0	11.5	11.8	12.2	12.7	13.4	14.2	15.1
-47.5°	8.7	9.6	10.2	10.8	11.3	11.7	12.0	12.4	13.1	13.8	14.5
-48.75°	8.5	9.4	10.0	10.6	11.1	11.5	11.9	12.2	12.8	13.4	14.1
-50°	8.2	9.1	9.8	10.4	10.9	11.4	11.7	12.1	12.4	13.1	13.7
-51.25°	8.0	8.8	9.7	10.2	10.7	11.2	11.6	11.9	12.2	12.7	13.3
-52.5°	7.7	8.6	9.4	10.0	10.5	11.0	11.4	11.7	12.0	12.4	12.9
-53.75°	7.4	8.3	9.1	9.8	10.3	10.7	11.2	11.6	11.9	12.2	12.5
-55°	7.2	8.0	8.7	9.5	10.0	10.5	11.0	11.4	11.7	12.0	12.3
-56.25°	6.9	7.7	8.4	9.2	9.8	10.2	10.7	11.1	11.5	11.8	12.1
-57.5°	6.7	7.4	8.1	8.8	9.5	10.0	10.4	10.9	11.3	11.6	11.8
-58.75°	6.4	7.0	7.7	8.5	9.2	9.7	10.2	10.6	11.0	11.4	11.6
-60°	6.2	6.7	7.4	8.1	8.8	9.4	9.9	10.3	10.7	11.1	11.4
-61.25°	5.9	6.5	7.1	7.7	8.4	9.0	9.6	10.0	10.4	10.8	11.2
-62.5°	5.7	6.2	6.7	7.3	8.0	8.6	9.2	9.7	10.1	10.5	10.8
-63.75°	5.5	5.9	6.4	7.0	7.6	8.1	8.7	9.3	9.8	10.1	10.5
-65°	5.2	5.7	6.1	6.6	7.1	7.7	8.3	8.8	9.4	9.8	10.1
-66.25°	5.0	5.4	5.9	6.3	6.7	7.3	7.8	8.3	8.9	9.4	9.8
-67.5°	4.7	5.1	5.6	6.0	6.4	6.8	7.3	7.8	8.3	8.8	9.3
-68.75°	4.4	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.8	8.3	8.7
-70°	4.2	4.6	5.0	5.3	5.7	6.1	6.5	6.8	7.3	7.7	8.1
-71.25°	4.0	4.3	4.6	5.0	5.4	5.7	6.1	6.4	6.7	7.1	7.6
-72.5°	3.7	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.6	7.0
-73.75°	3.5	3.8	4.1	4.3	4.6	5.0	5.3	5.6	5.9	6.1	6.4
-75°	3.2	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.4	5.7	5.9
-76.25°	2.9	3.2	3.5	3.7	4.0	4.2	4.4	4.7	5.0	5.2	5.5
-77.5°	2.7	2.9	3.2	3.4	3.6	3.8	4.1	4.3	4.5	4.7	5.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°
-78.75°	2.4	2.6	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5
-80°	2.2	2.4	2.6	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0
-81.25°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5
-82.5°	1.6	1.8	1.9	2.1	2.2	2.4	2.5	2.6	2.8	2.9	3.0
-83.75°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.5
-85°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0
-86.25°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.5
-87.5°	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0
-88.75°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
87.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5
86.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.2
85°	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	2.9
83.75°	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.3	3.4	3.5	3.6
82.5°	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.3
81.25°	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9	5.1
80°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8
78.75°	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5
77.5°	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.4
76.25°	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	8.0	8.2
75°	6.2	6.5	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.8	9.1
73.75°	6.7	7.1	7.4	7.7	8.1	8.4	8.7	9.1	9.4	9.7	9.8
72.5°	7.3	7.7	8.1	8.5	8.8	9.2	9.5	9.8	10.0	10.2	10.4
71.25°	8.0	8.4	8.8	9.2	9.5	9.8	10.0	10.3	10.5	10.7	10.9
70°	8.6	9.0	9.4	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.4
68.75°	9.2	9.6	9.9	10.2	10.4	10.7	11.0	11.2	11.4	11.6	11.7
67.5°	9.7	10.0	10.3	10.6	10.9	11.1	11.4	11.6	11.7	11.9	12.1
66.25°	10.1	10.4	10.7	11.0	11.3	11.5	11.7	11.9	12.0	12.2	12.4
65°	10.5	10.8	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.7	13.1
63.75°	10.8	11.2	11.4	11.6	11.8	12.1	12.3	12.5	12.9	13.3	13.7
62.5°	11.2	11.4	11.7	11.9	12.1	12.3	12.7	13.1	13.6	14.0	14.4
61.25°	11.4	11.7	11.9	12.2	12.4	12.8	13.3	13.7	14.2	14.6	15.4
60°	11.7	11.9	12.2	12.4	12.9	13.4	13.9	14.3	15.0	15.8	16.6
58.75°	11.9	12.2	12.4	12.9	13.4	13.9	14.4	15.2	16.1	16.9	17.8
57.5°	12.1	12.4	12.9	13.4	14.0	14.5	15.3	16.2	17.1	18.0	18.9
56.25°	12.3	12.8	13.4	13.9	14.5	15.4	16.3	17.3	18.2	19.1	20.0
55°	12.7	13.3	13.9	14.4	15.3	16.3	17.3	18.3	19.3	20.2	21.2
53.75°	13.1	13.7	14.3	15.2	16.2	17.3	18.3	19.3	20.3	21.3	22.2
52.5°	13.6	14.2	15.0	16.1	17.1	18.2	19.3	20.3	21.3	22.3	23.6
51.25°	14.0	14.6	15.8	16.9	18.0	19.1	20.2	21.3	22.3	23.7	25.0
50°	14.4	15.4	16.6	17.8	18.9	20.0	21.2	22.2	23.6	25.0	26.4
48.75°	15.0	16.2	17.4	18.6	19.8	20.9	22.1	23.4	24.9	26.3	27.7
47.5°	15.7	16.9	18.2	19.4	20.6	21.8	23.1	24.6	26.1	27.6	28.8
46.25°	16.4	17.7	19.0	20.2	21.4	22.7	24.3	25.8	27.4	28.6	29.8
45°	17.1	18.4	19.7	21.0	22.2	23.8	25.4	27.0	28.4	29.6	30.8
43.75°	17.8	19.1	20.4	21.7	23.2	24.9	26.5	28.0	29.3	30.5	31.7
42.5°	18.4	19.8	21.1	22.5	24.2	25.9	27.6	28.9	30.2	31.5	32.4
41.25°	19.1	20.5	21.8	23.4	25.2	27.0	28.5	29.8	31.1	32.2	33.1
40°	19.7	21.1	22.5	24.4	26.2	27.9	29.3	30.6	31.8	32.8	33.8
38.75°	20.3	21.8	23.4	25.3	27.1	28.7	30.1	31.4	32.5	33.5	34.5
37.5°	20.9	22.4	24.3	26.2	28.0	29.4	30.8	32.1	33.1	34.1	35.1
36.25°	21.5	23.2	25.1	27.1	28.7	30.1	31.6	32.6	33.7	34.8	35.8
35°	22.1	23.9	25.9	27.8	29.3	30.8	32.1	33.2	34.3	35.3	36.4



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	22.7	24.7	26.7	28.5	30.0	31.5	32.6	33.8	34.9	35.9	37.0
32.5°	23.4	25.4	27.5	29.1	30.6	32.0	33.2	34.3	35.4	36.5	37.6
31.25°	24.0	26.1	28.1	29.7	31.3	32.5	33.7	34.8	35.9	37.0	38.1
30°	24.7	26.8	28.6	30.2	31.8	33.0	34.1	35.3	36.4	37.6	38.7
28.75°	25.3	27.5	29.2	30.8	32.2	33.4	34.6	35.8	36.9	38.1	39.2
27.5°	25.9	28.0	29.7	31.3	32.6	33.8	35.1	36.2	37.4	38.6	39.7
26.25°	26.5	28.5	30.2	31.8	33.0	34.3	35.5	36.7	37.9	39.0	40.1
25°	27.1	28.9	30.6	32.1	33.4	34.7	35.9	37.1	38.3	39.5	40.4
23.75°	27.6	29.3	31.1	32.5	33.8	35.0	36.3	37.5	38.7	39.9	40.7
22.5°	28.0	29.8	31.5	32.8	34.1	35.4	36.6	37.9	39.1	40.2	41.0
21.25°	28.4	30.1	31.8	33.1	34.5	35.7	37.0	38.3	39.5	40.5	41.2
20°	28.7	30.5	32.1	33.4	34.8	36.0	37.3	38.6	39.9	40.7	41.5
18.75°	29.0	30.9	32.4	33.7	35.1	36.4	37.6	38.9	40.1	40.9	41.7
17.5°	29.4	31.2	32.6	34.0	35.3	36.6	37.9	39.2	40.3	41.1	41.8
16.25°	29.7	31.5	32.9	34.3	35.6	36.9	38.2	39.5	40.5	41.3	41.8
15°	29.9	31.7	33.1	34.5	35.8	37.1	38.5	39.8	40.7	41.5	41.9
13.75°	30.2	31.9	33.3	34.7	36.0	37.4	38.7	40.0	40.9	41.7	42.0
12.5°	30.4	32.1	33.5	34.9	36.2	37.6	38.9	40.2	41.0	41.7	42.0
11.25°	30.6	32.3	33.7	35.1	36.4	37.8	39.1	40.3	41.1	41.8	42.1
10°	30.8	32.4	33.8	35.2	36.6	38.0	39.3	40.4	41.2	41.8	42.1
8.75°	31.0	32.5	34.0	35.3	36.7	38.1	39.5	40.5	41.4	41.9	42.2
7.5°	31.1	32.6	34.1	35.5	36.9	38.2	39.6	40.6	41.4	41.9	42.2
6.25°	31.2	32.7	34.2	35.6	37.0	38.3	39.7	40.7	41.5	41.9	42.2
5°	31.3	32.8	34.3	35.7	37.0	38.4	39.8	40.7	41.6	42.0	42.3
3.75°	31.4	32.9	34.3	35.7	37.1	38.5	39.9	40.8	41.6	42.0	42.3
2.5°	31.5	32.9	34.4	35.8	37.2	38.6	40.0	40.8	41.7	42.0	42.3
1.25°	31.5	32.9	34.4	35.8	37.2	38.6	40.0	40.8	41.7	42.0	42.3
0°	31.5	33.0	34.4	35.8	37.2	38.6	40.0	40.9	41.7	42.0	42.3
-1.25°	31.5	32.9	34.4	35.8	37.2	38.6	40.0	40.8	41.7	42.0	42.3
-2.5°	31.5	32.9	34.4	35.8	37.2	38.6	40.0	40.8	41.7	42.0	42.3
-3.75°	31.4	32.9	34.3	35.7	37.1	38.5	39.9	40.8	41.6	42.0	42.3
-5°	31.3	32.8	34.3	35.7	37.0	38.4	39.8	40.7	41.6	42.0	42.3
-6.25°	31.2	32.7	34.2	35.6	37.0	38.3	39.7	40.7	41.5	41.9	42.2
-7.5°	31.1	32.6	34.1	35.5	36.9	38.2	39.6	40.6	41.4	41.9	42.2
-8.75°	31.0	32.5	34.0	35.3	36.7	38.1	39.5	40.5	41.4	41.9	42.2
-10°	30.8	32.4	33.8	35.2	36.6	38.0	39.3	40.4	41.2	41.8	42.1
-11.25°	30.6	32.3	33.7	35.1	36.4	37.8	39.1	40.3	41.1	41.8	42.1
-12.5°	30.4	32.1	33.5	34.9	36.2	37.6	38.9	40.2	41.0	41.7	42.0
-13.75°	30.2	31.9	33.3	34.7	36.0	37.4	38.7	40.0	40.9	41.7	42.0
-15°	29.9	31.7	33.1	34.5	35.8	37.1	38.5	39.8	40.7	41.5	41.9
-16.25°	29.7	31.5	32.9	34.3	35.6	36.9	38.2	39.5	40.5	41.3	41.8
-17.5°	29.4	31.2	32.6	34.0	35.3	36.6	37.9	39.2	40.3	41.1	41.8
-18.75°	29.0	30.9	32.4	33.7	35.1	36.4	37.6	38.9	40.1	40.9	41.7
-20°	28.7	30.5	32.1	33.4	34.8	36.0	37.3	38.6	39.9	40.7	41.5
-21.25°	28.4	30.1	31.8	33.1	34.5	35.7	37.0	38.3	39.5	40.5	41.2



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	28.0	29.8	31.5	32.8	34.1	35.4	36.6	37.9	39.1	40.2	41.0
-23.75°	27.6	29.3	31.1	32.5	33.8	35.0	36.3	37.5	38.7	39.9	40.7
-25°	27.1	28.9	30.6	32.1	33.4	34.7	35.9	37.1	38.3	39.5	40.4
-26.25°	26.5	28.5	30.2	31.8	33.0	34.3	35.5	36.7	37.9	39.0	40.1
-27.5°	25.9	28.0	29.7	31.3	32.6	33.8	35.1	36.2	37.4	38.6	39.7
-28.75°	25.3	27.5	29.2	30.8	32.2	33.4	34.6	35.8	36.9	38.1	39.2
-30°	24.7	26.8	28.6	30.2	31.8	33.0	34.1	35.3	36.4	37.6	38.7
-31.25°	24.0	26.1	28.1	29.7	31.3	32.5	33.7	34.8	35.9	37.0	38.1
-32.5°	23.4	25.4	27.5	29.1	30.6	32.0	33.2	34.3	35.4	36.5	37.6
-33.75°	22.7	24.7	26.7	28.5	30.0	31.5	32.6	33.8	34.9	35.9	37.0
-35°	22.1	23.9	25.9	27.8	29.3	30.8	32.1	33.2	34.3	35.3	36.4
-36.25°	21.5	23.2	25.1	27.1	28.7	30.1	31.6	32.6	33.7	34.8	35.8
-37.5°	20.9	22.4	24.3	26.2	28.0	29.4	30.8	32.1	33.1	34.1	35.1
-38.75°	20.3	21.8	23.4	25.3	27.1	28.7	30.1	31.4	32.5	33.5	34.5
-40°	19.7	21.1	22.5	24.4	26.2	27.9	29.3	30.6	31.8	32.8	33.8
-41.25°	19.1	20.5	21.8	23.4	25.2	27.0	28.5	29.8	31.1	32.2	33.1
-42.5°	18.4	19.8	21.1	22.5	24.2	25.9	27.6	28.9	30.2	31.5	32.4
-43.75°	17.8	19.1	20.4	21.7	23.2	24.9	26.5	28.0	29.3	30.5	31.7
-45°	17.1	18.4	19.7	21.0	22.2	23.8	25.4	27.0	28.4	29.6	30.8
-46.25°	16.4	17.7	19.0	20.2	21.4	22.7	24.3	25.8	27.4	28.6	29.8
-47.5°	15.7	16.9	18.2	19.4	20.6	21.8	23.1	24.6	26.1	27.6	28.8
-48.75°	15.0	16.2	17.4	18.6	19.8	20.9	22.1	23.4	24.9	26.3	27.7
-50°	14.4	15.4	16.6	17.8	18.9	20.0	21.2	22.2	23.6	25.0	26.4
-51.25°	14.0	14.6	15.8	16.9	18.0	19.1	20.2	21.3	22.3	23.7	25.0
-52.5°	13.6	14.2	15.0	16.1	17.1	18.2	19.3	20.3	21.3	22.3	23.6
-53.75°	13.1	13.7	14.3	15.2	16.2	17.3	18.3	19.3	20.3	21.3	22.2
-55°	12.7	13.3	13.9	14.4	15.3	16.3	17.3	18.3	19.3	20.2	21.2
-56.25°	12.3	12.8	13.4	13.9	14.5	15.4	16.3	17.3	18.2	19.1	20.0
-57.5°	12.1	12.4	12.9	13.4	14.0	14.5	15.3	16.2	17.1	18.0	18.9
-58.75°	11.9	12.2	12.4	12.9	13.4	13.9	14.4	15.2	16.1	16.9	17.8
-60°	11.7	11.9	12.2	12.4	12.9	13.4	13.9	14.3	15.0	15.8	16.6
-61.25°	11.4	11.7	11.9	12.2	12.4	12.8	13.3	13.7	14.2	14.6	15.4
-62.5°	11.2	11.4	11.7	11.9	12.1	12.3	12.7	13.1	13.6	14.0	14.4
-63.75°	10.8	11.2	11.4	11.6	11.8	12.1	12.3	12.5	12.9	13.3	13.7
-65°	10.5	10.8	11.1	11.4	11.6	11.8	12.0	12.2	12.4	12.7	13.1
-66.25°	10.1	10.4	10.7	11.0	11.3	11.5	11.7	11.9	12.0	12.2	12.4
-67.5°	9.7	10.0	10.3	10.6	10.9	11.1	11.4	11.6	11.7	11.9	12.1
-68.75°	9.2	9.6	9.9	10.2	10.4	10.7	11.0	11.2	11.4	11.6	11.7
-70°	8.6	9.0	9.4	9.7	10.0	10.2	10.5	10.7	11.0	11.2	11.4
-71.25°	8.0	8.4	8.8	9.2	9.5	9.8	10.0	10.3	10.5	10.7	10.9
-72.5°	7.3	7.7	8.1	8.5	8.8	9.2	9.5	9.8	10.0	10.2	10.4
-73.75°	6.7	7.1	7.4	7.7	8.1	8.4	8.7	9.1	9.4	9.7	9.8
-75°	6.2	6.5	6.7	7.0	7.4	7.7	8.0	8.3	8.6	8.8	9.1
-76.25°	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	8.0	8.2
-77.5°	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.4



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5
-80°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8
-81.25°	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8	4.9	5.1
-82.5°	3.1	3.3	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.3
-83.75°	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.3	3.4	3.5	3.6
-85°	2.1	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.9	2.9
-86.25°	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.2
-87.5°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.4	1.4	1.5
-88.75°	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
87.5°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
86.25°	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8
85°	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6
83.75°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5
82.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
81.25°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.4
80°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4
78.75°	6.7	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.2	8.4	8.5
77.5°	7.6	7.8	8.0	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.6
76.25°	8.5	8.7	9.0	9.2	9.5	9.7	9.8	9.9	10.1	10.2	10.3
75°	9.4	9.6	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	11.0
73.75°	10.0	10.2	10.4	10.6	10.7	10.9	11.1	11.2	11.3	11.4	11.5
72.5°	10.6	10.8	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9	12.0
71.25°	11.1	11.3	11.5	11.6	11.7	11.8	12.0	12.1	12.2	12.3	12.4
70°	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.6	12.8	13.1	13.3
68.75°	11.9	12.0	12.2	12.3	12.6	12.8	13.1	13.4	13.6	13.9	14.2
67.5°	12.2	12.4	12.7	13.0	13.3	13.6	13.9	14.2	14.5	14.9	15.4
66.25°	12.8	13.1	13.4	13.8	14.1	14.4	14.8	15.4	15.9	16.4	16.9
65°	13.4	13.8	14.2	14.5	15.0	15.6	16.2	16.8	17.4	17.9	18.5
63.75°	14.1	14.5	15.1	15.8	16.4	17.1	17.7	18.3	18.9	19.4	20.0
62.5°	15.0	15.7	16.4	17.1	17.8	18.4	19.1	19.7	20.3	20.9	21.5
61.25°	16.2	16.9	17.7	18.4	19.1	19.8	20.5	21.1	21.8	22.4	23.2
60°	17.4	18.2	19.0	19.7	20.4	21.1	21.8	22.5	23.4	24.3	25.1
58.75°	18.6	19.4	20.2	21.0	21.7	22.5	23.4	24.4	25.3	26.2	27.1
57.5°	19.8	20.6	21.4	22.2	23.2	24.2	25.2	26.2	27.1	28.0	28.7
56.25°	20.9	21.8	22.7	23.8	24.9	25.9	27.0	27.9	28.7	29.4	30.1
55°	22.1	23.1	24.3	25.4	26.5	27.6	28.5	29.3	30.1	30.8	31.6
53.75°	23.4	24.6	25.8	27.0	28.0	28.9	29.8	30.6	31.4	32.1	32.6
52.5°	24.9	26.1	27.4	28.4	29.3	30.2	31.1	31.8	32.5	33.1	33.7
51.25°	26.3	27.6	28.6	29.6	30.5	31.5	32.2	32.8	33.5	34.1	34.8
50°	27.7	28.8	29.8	30.8	31.7	32.4	33.1	33.8	34.5	35.1	35.8
48.75°	28.8	29.9	30.9	31.8	32.6	33.3	34.1	34.8	35.5	36.1	36.8
47.5°	29.9	31.0	31.9	32.7	33.5	34.3	35.0	35.7	36.4	37.1	37.8
46.25°	30.9	31.9	32.7	33.6	34.4	35.1	35.9	36.6	37.4	38.1	38.8
45°	31.8	32.7	33.6	34.4	35.2	36.0	36.8	37.5	38.3	39.0	39.7
43.75°	32.6	33.5	34.4	35.2	36.0	36.8	37.6	38.4	39.2	40.0	40.4
42.5°	33.3	34.3	35.1	36.0	36.8	37.7	38.5	39.3	40.1	40.5	41.0
41.25°	34.1	35.0	35.9	36.8	37.6	38.5	39.4	40.1	40.6	41.1	41.6
40°	34.8	35.7	36.6	37.5	38.4	39.3	40.1	40.6	41.1	41.7	41.9
38.75°	35.5	36.4	37.4	38.3	39.2	40.1	40.6	41.1	41.7	41.9	42.1
37.5°	36.1	37.1	38.1	39.0	40.0	40.5	41.1	41.7	41.9	42.1	42.2
36.25°	36.8	37.8	38.8	39.7	40.4	41.0	41.6	41.9	42.1	42.2	42.6
35°	37.4	38.4	39.4	40.3	40.9	41.5	41.8	42.0	42.2	42.5	42.9



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	38.0	39.1	40.1	40.7	41.3	41.8	42.0	42.2	42.5	42.9	43.2
32.5°	38.6	39.7	40.5	41.1	41.7	41.9	42.1	42.4	42.8	43.2	43.5
31.25°	39.2	40.2	40.8	41.5	41.9	42.1	42.3	42.7	43.1	43.4	43.6
30°	39.8	40.5	41.2	41.8	42.0	42.2	42.6	43.0	43.4	43.6	43.8
28.75°	40.2	40.9	41.6	41.9	42.1	42.4	42.8	43.3	43.5	43.7	43.9
27.5°	40.5	41.2	41.8	42.0	42.3	42.7	43.1	43.5	43.7	43.8	44.2
26.25°	40.9	41.6	41.9	42.1	42.5	42.9	43.4	43.6	43.8	44.1	44.5
25°	41.2	41.8	42.0	42.3	42.7	43.1	43.5	43.7	43.9	44.4	44.8
23.75°	41.4	41.9	42.1	42.4	42.9	43.4	43.6	43.8	44.2	44.7	45.1
22.5°	41.7	42.0	42.2	42.6	43.1	43.5	43.7	43.9	44.4	44.9	45.4
21.25°	41.8	42.1	42.4	42.8	43.3	43.6	43.8	44.2	44.7	45.2	45.6
20°	41.9	42.2	42.5	43.0	43.4	43.7	43.9	44.4	44.9	45.4	45.9
18.75°	42.0	42.2	42.7	43.2	43.5	43.8	44.1	44.6	45.1	45.6	46.1
17.5°	42.1	42.4	42.9	43.4	43.6	43.8	44.3	44.8	45.3	45.8	46.4
16.25°	42.1	42.5	43.0	43.5	43.7	43.9	44.5	45.0	45.5	46.0	46.8
15°	42.2	42.6	43.1	43.5	43.7	44.1	44.7	45.2	45.7	46.2	47.2
13.75°	42.3	42.7	43.3	43.6	43.8	44.3	44.8	45.4	45.9	46.6	47.6
12.5°	42.3	42.9	43.4	43.6	43.9	44.4	45.0	45.5	46.0	46.9	47.9
11.25°	42.4	43.0	43.4	43.7	44.0	44.5	45.1	45.6	46.2	47.2	48.2
10°	42.5	43.1	43.5	43.7	44.1	44.6	45.2	45.7	46.4	47.4	48.6
8.75°	42.6	43.1	43.5	43.8	44.2	44.8	45.3	45.9	46.6	47.6	49.2
7.5°	42.7	43.2	43.6	43.8	44.3	44.8	45.4	45.9	46.8	47.8	49.7
6.25°	42.7	43.3	43.6	43.8	44.3	44.9	45.5	46.0	46.9	48.0	50.2
5°	42.8	43.3	43.6	43.9	44.4	45.0	45.5	46.1	47.1	48.2	50.6
3.75°	42.8	43.4	43.6	43.9	44.4	45.0	45.6	46.1	47.2	48.3	50.9
2.5°	42.8	43.4	43.6	43.9	44.5	45.1	45.6	46.2	47.2	48.3	51.1
1.25°	42.8	43.4	43.6	43.9	44.5	45.1	45.6	46.2	47.3	48.4	51.2
0°	42.9	43.4	43.7	43.9	44.5	45.1	45.7	46.2	47.3	48.4	51.3
-1.25°	42.8	43.4	43.6	43.9	44.5	45.1	45.6	46.2	47.3	48.4	51.2
-2.5°	42.8	43.4	43.6	43.9	44.5	45.1	45.6	46.2	47.2	48.3	51.1
-3.75°	42.8	43.4	43.6	43.9	44.4	45.0	45.6	46.1	47.2	48.3	50.9
-5°	42.8	43.3	43.6	43.9	44.4	45.0	45.5	46.1	47.1	48.2	50.6
-6.25°	42.7	43.3	43.6	43.8	44.3	44.9	45.5	46.0	46.9	48.0	50.2
-7.5°	42.7	43.2	43.6	43.8	44.3	44.8	45.4	45.9	46.8	47.8	49.7
-8.75°	42.6	43.1	43.5	43.8	44.2	44.8	45.3	45.9	46.6	47.6	49.2
-10°	42.5	43.1	43.5	43.7	44.1	44.6	45.2	45.7	46.4	47.4	48.6
-11.25°	42.4	43.0	43.4	43.7	44.0	44.5	45.1	45.6	46.2	47.2	48.2
-12.5°	42.3	42.9	43.4	43.6	43.9	44.4	45.0	45.5	46.0	46.9	47.9
-13.75°	42.3	42.7	43.3	43.6	43.8	44.3	44.8	45.4	45.9	46.6	47.6
-15°	42.2	42.6	43.1	43.5	43.7	44.1	44.7	45.2	45.7	46.2	47.2
-16.25°	42.1	42.5	43.0	43.5	43.7	43.9	44.5	45.0	45.5	46.0	46.8
-17.5°	42.1	42.4	42.9	43.4	43.6	43.8	44.3	44.8	45.3	45.8	46.4
-18.75°	42.0	42.2	42.7	43.2	43.5	43.8	44.1	44.6	45.1	45.6	46.1
-20°	41.9	42.2	42.5	43.0	43.4	43.7	43.9	44.4	44.9	45.4	45.9
-21.25°	41.8	42.1	42.4	42.8	43.3	43.6	43.8	44.2	44.7	45.2	45.6



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	41.7	42.0	42.2	42.6	43.1	43.5	43.7	43.9	44.4	44.9	45.4
-23.75°	41.4	41.9	42.1	42.4	42.9	43.4	43.6	43.8	44.2	44.7	45.1
-25°	41.2	41.8	42.0	42.3	42.7	43.1	43.5	43.7	43.9	44.4	44.8
-26.25°	40.9	41.6	41.9	42.1	42.5	42.9	43.4	43.6	43.8	44.1	44.5
-27.5°	40.5	41.2	41.8	42.0	42.3	42.7	43.1	43.5	43.7	43.8	44.2
-28.75°	40.2	40.9	41.6	41.9	42.1	42.4	42.8	43.3	43.5	43.7	43.9
-30°	39.8	40.5	41.2	41.8	42.0	42.2	42.6	43.0	43.4	43.6	43.8
-31.25°	39.2	40.2	40.8	41.5	41.9	42.1	42.3	42.7	43.1	43.4	43.6
-32.5°	38.6	39.7	40.5	41.1	41.7	41.9	42.1	42.4	42.8	43.2	43.5
-33.75°	38.0	39.1	40.1	40.7	41.3	41.8	42.0	42.2	42.5	42.9	43.2
-35°	37.4	38.4	39.4	40.3	40.9	41.5	41.8	42.0	42.2	42.5	42.9
-36.25°	36.8	37.8	38.8	39.7	40.4	41.0	41.6	41.9	42.1	42.2	42.6
-37.5°	36.1	37.1	38.1	39.0	40.0	40.5	41.1	41.7	41.9	42.1	42.2
-38.75°	35.5	36.4	37.4	38.3	39.2	40.1	40.6	41.1	41.7	41.9	42.1
-40°	34.8	35.7	36.6	37.5	38.4	39.3	40.1	40.6	41.1	41.7	41.9
-41.25°	34.1	35.0	35.9	36.8	37.6	38.5	39.4	40.1	40.6	41.1	41.6
-42.5°	33.3	34.3	35.1	36.0	36.8	37.7	38.5	39.3	40.1	40.5	41.0
-43.75°	32.6	33.5	34.4	35.2	36.0	36.8	37.6	38.4	39.2	40.0	40.4
-45°	31.8	32.7	33.6	34.4	35.2	36.0	36.8	37.5	38.3	39.0	39.7
-46.25°	30.9	31.9	32.7	33.6	34.4	35.1	35.9	36.6	37.4	38.1	38.8
-47.5°	29.9	31.0	31.9	32.7	33.5	34.3	35.0	35.7	36.4	37.1	37.8
-48.75°	28.8	29.9	30.9	31.8	32.6	33.3	34.1	34.8	35.5	36.1	36.8
-50°	27.7	28.8	29.8	30.8	31.7	32.4	33.1	33.8	34.5	35.1	35.8
-51.25°	26.3	27.6	28.6	29.6	30.5	31.5	32.2	32.8	33.5	34.1	34.8
-52.5°	24.9	26.1	27.4	28.4	29.3	30.2	31.1	31.8	32.5	33.1	33.7
-53.75°	23.4	24.6	25.8	27.0	28.0	28.9	29.8	30.6	31.4	32.1	32.6
-55°	22.1	23.1	24.3	25.4	26.5	27.6	28.5	29.3	30.1	30.8	31.6
-56.25°	20.9	21.8	22.7	23.8	24.9	25.9	27.0	27.9	28.7	29.4	30.1
-57.5°	19.8	20.6	21.4	22.2	23.2	24.2	25.2	26.2	27.1	28.0	28.7
-58.75°	18.6	19.4	20.2	21.0	21.7	22.5	23.4	24.4	25.3	26.2	27.1
-60°	17.4	18.2	19.0	19.7	20.4	21.1	21.8	22.5	23.4	24.3	25.1
-61.25°	16.2	16.9	17.7	18.4	19.1	19.8	20.5	21.1	21.8	22.4	23.2
-62.5°	15.0	15.7	16.4	17.1	17.8	18.4	19.1	19.7	20.3	20.9	21.5
-63.75°	14.1	14.5	15.1	15.8	16.4	17.1	17.7	18.3	18.9	19.4	20.0
-65°	13.4	13.8	14.2	14.5	15.0	15.6	16.2	16.8	17.4	17.9	18.5
-66.25°	12.8	13.1	13.4	13.8	14.1	14.4	14.8	15.4	15.9	16.4	16.9
-67.5°	12.2	12.4	12.7	13.0	13.3	13.6	13.9	14.2	14.5	14.9	15.4
-68.75°	11.9	12.0	12.2	12.3	12.6	12.8	13.1	13.4	13.6	13.9	14.2
-70°	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.6	12.8	13.1	13.3
-71.25°	11.1	11.3	11.5	11.6	11.7	11.8	12.0	12.1	12.2	12.3	12.4
-72.5°	10.6	10.8	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9	12.0
-73.75°	10.0	10.2	10.4	10.6	10.7	10.9	11.1	11.2	11.3	11.4	11.5
-75°	9.4	9.6	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	11.0
-76.25°	8.5	8.7	9.0	9.2	9.5	9.7	9.8	9.9	10.1	10.2	10.3
-77.5°	7.6	7.8	8.0	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.6



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	6.7	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.2	8.4	8.5
-80°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4
-81.25°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.4
-82.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-83.75°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.5
-85°	3.0	3.1	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6
-86.25°	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8
-87.5°	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
-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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
87.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
86.25°	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1
85°	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2
83.75°	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2
82.5°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3
81.25°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4
80°	7.6	7.7	7.8	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7
78.75°	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.7	9.7	9.8	9.9
77.5°	9.7	9.8	10.0	10.1	10.1	10.2	10.3	10.4	10.5	10.6	10.6
76.25°	10.4	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.3	11.4
75°	11.1	11.3	11.3	11.4	11.5	11.6	11.6	11.7	11.8	11.8	11.9
73.75°	11.6	11.7	11.8	11.9	12.0	12.0	12.1	12.2	12.3	12.3	12.4
72.5°	12.1	12.2	12.3	12.4	12.5	12.7	12.8	13.0	13.1	13.3	13.4
71.25°	12.6	12.8	13.0	13.2	13.4	13.6	13.8	13.9	14.1	14.3	14.4
70°	13.5	13.7	14.0	14.2	14.4	14.6	14.9	15.2	15.5	15.8	16.1
68.75°	14.4	14.7	15.1	15.5	15.9	16.2	16.6	17.0	17.3	17.6	17.9
67.5°	15.8	16.3	16.7	17.2	17.6	18.0	18.3	18.7	19.1	19.4	19.7
66.25°	17.4	17.9	18.4	18.8	19.2	19.7	20.1	20.4	20.8	21.1	21.5
65°	19.0	19.5	20.0	20.4	20.9	21.3	21.7	22.1	22.5	23.0	23.5
63.75°	20.5	21.1	21.6	22.1	22.5	23.1	23.7	24.3	24.8	25.3	25.8
62.5°	22.1	22.7	23.4	24.0	24.7	25.3	25.9	26.5	27.1	27.6	28.0
61.25°	23.9	24.7	25.4	26.1	26.8	27.5	28.0	28.5	28.9	29.3	29.8
60°	25.9	26.7	27.5	28.1	28.6	29.2	29.7	30.2	30.6	31.1	31.5
58.75°	27.8	28.5	29.1	29.7	30.2	30.8	31.3	31.8	32.1	32.5	32.8
57.5°	29.3	30.0	30.6	31.3	31.8	32.2	32.6	33.0	33.4	33.8	34.1
56.25°	30.8	31.5	32.0	32.5	33.0	33.4	33.8	34.3	34.7	35.0	35.4
55°	32.1	32.6	33.2	33.7	34.1	34.6	35.1	35.5	35.9	36.3	36.6
53.75°	33.2	33.8	34.3	34.8	35.3	35.8	36.2	36.7	37.1	37.5	37.9
52.5°	34.3	34.9	35.4	35.9	36.4	36.9	37.4	37.9	38.3	38.7	39.1
51.25°	35.3	35.9	36.5	37.0	37.6	38.1	38.6	39.0	39.5	39.9	40.2
50°	36.4	37.0	37.6	38.1	38.7	39.2	39.7	40.1	40.4	40.7	41.0
48.75°	37.4	38.0	38.6	39.2	39.8	40.2	40.5	40.9	41.2	41.4	41.7
47.5°	38.4	39.1	39.7	40.2	40.5	40.9	41.2	41.6	41.8	41.9	42.0
46.25°	39.4	40.1	40.5	40.8	41.2	41.6	41.8	41.9	42.0	42.1	42.2
45°	40.3	40.7	41.1	41.5	41.8	41.9	42.0	42.1	42.3	42.4	42.6
43.75°	40.9	41.3	41.7	41.9	42.0	42.1	42.3	42.5	42.7	42.9	43.1
42.5°	41.5	41.8	41.9	42.1	42.2	42.4	42.7	42.9	43.1	43.4	43.5
41.25°	41.8	42.0	42.1	42.3	42.6	42.8	43.1	43.4	43.5	43.6	43.7
40°	42.0	42.2	42.4	42.7	43.0	43.3	43.5	43.6	43.7	43.8	43.9
38.75°	42.2	42.5	42.8	43.1	43.4	43.5	43.7	43.8	43.9	44.2	44.4
37.5°	42.5	42.9	43.2	43.4	43.6	43.7	43.8	44.1	44.4	44.7	44.9
36.25°	42.9	43.2	43.5	43.6	43.8	43.9	44.2	44.5	44.8	45.1	45.4
35°	43.2	43.5	43.6	43.8	44.0	44.3	44.7	45.0	45.3	45.6	45.8

REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	43.5	43.6	43.8	44.0	44.4	44.8	45.1	45.4	45.7	46.0	46.4
32.5°	43.6	43.8	44.1	44.4	44.8	45.2	45.5	45.8	46.1	46.7	47.2
31.25°	43.8	44.0	44.4	44.8	45.2	45.6	45.9	46.3	46.9	47.5	48.1
30°	44.0	44.4	44.8	45.2	45.6	45.9	46.4	47.0	47.7	48.3	49.9
28.75°	44.3	44.8	45.2	45.6	45.9	46.4	47.1	47.8	48.7	50.4	52.0
27.5°	44.7	45.1	45.5	45.9	46.4	47.1	47.9	48.9	50.7	52.5	54.3
26.25°	45.0	45.4	45.8	46.3	47.0	47.8	48.9	50.8	52.7	55.3	60.3
25°	45.3	45.7	46.1	46.9	47.7	48.7	50.7	52.7	55.6	61.0	66.2
23.75°	45.6	46.0	46.7	47.5	48.3	50.4	52.5	55.3	61.0	66.5	72.1
22.5°	45.8	46.4	47.2	48.1	49.9	52.0	54.3	60.3	66.2	72.1	78.1
21.25°	46.1	46.9	47.8	49.1	51.4	53.6	59.1	65.2	71.4	77.7	84.0
20°	46.5	47.4	48.3	50.6	52.9	57.2	63.6	70.0	76.6	83.2	90.1
18.75°	47.0	47.9	49.5	51.9	54.7	61.4	68.0	74.8	81.7	88.6	97.5
17.5°	47.4	48.4	50.8	53.2	58.6	65.4	72.3	79.5	86.6	95.1	114.9
16.25°	47.8	49.5	52.0	55.1	62.2	69.2	76.6	83.9	92.1	108.2	144.8
15°	48.2	50.5	53.1	58.5	65.7	73.0	80.6	88.2	99.1	127.2	182.1
13.75°	48.9	51.5	54.1	61.5	68.9	76.6	84.4	93.3	112.7	158.0	225.9
12.5°	49.8	52.4	56.9	64.4	72.0	79.9	87.9	99.6	131.5	192.7	271.9
11.25°	50.6	53.3	59.4	67.0	74.9	83.0	92.0	110.7	156.8	228.8	316.3
10°	51.3	54.0	61.7	69.4	77.6	85.8	95.7	121.8	183.3	265.8	358.4
8.75°	52.0	55.8	63.7	71.6	80.0	88.4	102.6	141.5	211.4	300.5	396.2
7.5°	52.5	57.5	65.4	73.6	82.0	91.2	110.1	158.7	236.2	331.5	430.2
6.25°	53.0	58.9	66.9	75.3	83.8	93.6	116.6	174.7	260.7	358.7	459.5
5°	53.4	60.1	68.2	76.6	85.3	95.6	124.2	191.3	281.2	381.2	483.9
3.75°	53.7	61.1	69.1	77.7	86.4	97.5	133.3	204.4	297.4	398.8	501.7
2.5°	53.9	61.7	69.8	78.5	87.2	100.4	139.8	213.7	309.0	411.8	514.5
1.25°	54.1	62.1	70.3	79.0	87.7	102.1	143.7	219.4	316.0	419.6	522.2
0°	54.1	62.3	70.4	79.2	87.9	102.7	145.1	221.3	318.3	422.2	524.8
-1.25°	54.1	62.1	70.3	79.0	87.7	102.1	143.7	219.4	316.0	419.6	522.2
-2.5°	53.9	61.7	69.8	78.5	87.2	100.4	139.8	213.7	309.0	411.8	514.5
-3.75°	53.7	61.1	69.1	77.7	86.4	97.5	133.3	204.4	297.4	398.8	501.7
-5°	53.4	60.1	68.2	76.6	85.3	95.6	124.2	191.3	281.2	381.2	483.9
-6.25°	53.0	58.9	66.9	75.3	83.8	93.6	116.6	174.7	260.7	358.7	459.5
-7.5°	52.5	57.5	65.4	73.6	82.0	91.2	110.1	158.7	236.2	331.5	430.2
-8.75°	52.0	55.8	63.7	71.6	80.0	88.4	102.6	141.5	211.4	300.5	396.2
-10°	51.3	54.0	61.7	69.4	77.6	85.8	95.7	121.8	183.3	265.8	358.4
-11.25°	50.6	53.3	59.4	67.0	74.9	83.0	92.0	110.7	156.8	228.8	316.3
-12.5°	49.8	52.4	56.9	64.4	72.0	79.9	87.9	99.6	131.5	192.7	271.9
-13.75°	48.9	51.5	54.1	61.5	68.9	76.6	84.4	93.3	112.7	158.0	225.9
-15°	48.2	50.5	53.1	58.5	65.7	73.0	80.6	88.2	99.1	127.2	182.1
-16.25°	47.8	49.5	52.0	55.1	62.2	69.2	76.6	83.9	92.1	108.2	144.8
-17.5°	47.4	48.4	50.8	53.2	58.6	65.4	72.3	79.5	86.6	95.1	114.9
-18.75°	47.0	47.9	49.5	51.9	54.7	61.4	68.0	74.8	81.7	88.6	97.5
-20°	46.5	47.4	48.3	50.6	52.9	57.2	63.6	70.0	76.6	83.2	90.1
-21.25°	46.1	46.9	47.8	49.1	51.4	53.6	59.1	65.2	71.4	77.7	84.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	45.8	46.4	47.2	48.1	49.9	52.0	54.3	60.3	66.2	72.1	78.1
-23.75°	45.6	46.0	46.7	47.5	48.3	50.4	52.5	55.3	61.0	66.5	72.1
-25°	45.3	45.7	46.1	46.9	47.7	48.7	50.7	52.7	55.6	61.0	66.2
-26.25°	45.0	45.4	45.8	46.3	47.0	47.8	48.9	50.8	52.7	55.3	60.3
-27.5°	44.7	45.1	45.5	45.9	46.4	47.1	47.9	48.9	50.7	52.5	54.3
-28.75°	44.3	44.8	45.2	45.6	45.9	46.4	47.1	47.8	48.7	50.4	52.0
-30°	44.0	44.4	44.8	45.2	45.6	45.9	46.4	47.0	47.7	48.3	49.9
-31.25°	43.8	44.0	44.4	44.8	45.2	45.6	45.9	46.3	46.9	47.5	48.1
-32.5°	43.6	43.8	44.1	44.4	44.8	45.2	45.5	45.8	46.1	46.7	47.2
-33.75°	43.5	43.6	43.8	44.0	44.4	44.8	45.1	45.4	45.7	46.0	46.4
-35°	43.2	43.5	43.6	43.8	44.0	44.3	44.7	45.0	45.3	45.6	45.8
-36.25°	42.9	43.2	43.5	43.6	43.8	43.9	44.2	44.5	44.8	45.1	45.4
-37.5°	42.5	42.9	43.2	43.4	43.6	43.7	43.8	44.1	44.4	44.7	44.9
-38.75°	42.2	42.5	42.8	43.1	43.4	43.5	43.7	43.8	43.9	44.2	44.4
-40°	42.0	42.2	42.4	42.7	43.0	43.3	43.5	43.6	43.7	43.8	43.9
-41.25°	41.8	42.0	42.1	42.3	42.6	42.8	43.1	43.4	43.5	43.6	43.7
-42.5°	41.5	41.8	41.9	42.1	42.2	42.4	42.7	42.9	43.1	43.4	43.5
-43.75°	40.9	41.3	41.7	41.9	42.0	42.1	42.3	42.5	42.7	42.9	43.1
-45°	40.3	40.7	41.1	41.5	41.8	41.9	42.0	42.1	42.3	42.4	42.6
-46.25°	39.4	40.1	40.5	40.8	41.2	41.6	41.8	41.9	42.0	42.1	42.2
-47.5°	38.4	39.1	39.7	40.2	40.5	40.9	41.2	41.6	41.8	41.9	42.0
-48.75°	37.4	38.0	38.6	39.2	39.8	40.2	40.5	40.9	41.2	41.4	41.7
-50°	36.4	37.0	37.6	38.1	38.7	39.2	39.7	40.1	40.4	40.7	41.0
-51.25°	35.3	35.9	36.5	37.0	37.6	38.1	38.6	39.0	39.5	39.9	40.2
-52.5°	34.3	34.9	35.4	35.9	36.4	36.9	37.4	37.9	38.3	38.7	39.1
-53.75°	33.2	33.8	34.3	34.8	35.3	35.8	36.2	36.7	37.1	37.5	37.9
-55°	32.1	32.6	33.2	33.7	34.1	34.6	35.1	35.5	35.9	36.3	36.6
-56.25°	30.8	31.5	32.0	32.5	33.0	33.4	33.8	34.3	34.7	35.0	35.4
-57.5°	29.3	30.0	30.6	31.3	31.8	32.2	32.6	33.0	33.4	33.8	34.1
-58.75°	27.8	28.5	29.1	29.7	30.2	30.8	31.3	31.8	32.1	32.5	32.8
-60°	25.9	26.7	27.5	28.1	28.6	29.2	29.7	30.2	30.6	31.1	31.5
-61.25°	23.9	24.7	25.4	26.1	26.8	27.5	28.0	28.5	28.9	29.3	29.8
-62.5°	22.1	22.7	23.4	24.0	24.7	25.3	25.9	26.5	27.1	27.6	28.0
-63.75°	20.5	21.1	21.6	22.1	22.5	23.1	23.7	24.3	24.8	25.3	25.8
-65°	19.0	19.5	20.0	20.4	20.9	21.3	21.7	22.1	22.5	23.0	23.5
-66.25°	17.4	17.9	18.4	18.8	19.2	19.7	20.1	20.4	20.8	21.1	21.5
-67.5°	15.8	16.3	16.7	17.2	17.6	18.0	18.3	18.7	19.1	19.4	19.7
-68.75°	14.4	14.7	15.1	15.5	15.9	16.2	16.6	17.0	17.3	17.6	17.9
-70°	13.5	13.7	14.0	14.2	14.4	14.6	14.9	15.2	15.5	15.8	16.1
-71.25°	12.6	12.8	13.0	13.2	13.4	13.6	13.8	13.9	14.1	14.3	14.4
-72.5°	12.1	12.2	12.3	12.4	12.5	12.7	12.8	13.0	13.1	13.3	13.4
-73.75°	11.6	11.7	11.8	11.9	12.0	12.0	12.1	12.2	12.3	12.3	12.4
-75°	11.1	11.3	11.3	11.4	11.5	11.6	11.6	11.7	11.8	11.8	11.9
-76.25°	10.4	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.3	11.4
-77.5°	9.7	9.8	10.0	10.1	10.1	10.2	10.3	10.4	10.5	10.6	10.6



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.7	9.7	9.8	9.9
-80°	7.6	7.7	7.8	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7
-81.25°	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4
-82.5°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3
-83.75°	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2
-85°	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2
-86.25°	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1
-87.5°	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-88.75°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
-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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
86.25°	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4
85°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
83.75°	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.5	5.6	5.6
82.5°	6.3	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7
81.25°	7.5	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.0	8.1
80°	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.5
78.75°	9.9	10.0	10.0	10.1	10.1	10.2	10.2	10.3	10.3	10.3	10.4
77.5°	10.7	10.8	10.8	10.9	11.0	11.0	11.1	11.1	11.1	11.2	11.2
76.25°	11.4	11.5	11.5	11.6	11.6	11.6	11.7	11.7	11.7	11.8	11.8
75°	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.2	12.3	12.3	12.3
73.75°	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.3
72.5°	13.5	13.6	13.8	13.9	14.0	14.1	14.1	14.2	14.3	14.4	14.4
71.25°	14.5	14.7	15.0	15.2	15.4	15.5	15.7	15.9	16.0	16.1	16.2
70°	16.3	16.6	16.8	17.1	17.3	17.5	17.6	17.8	18.0	18.1	18.2
68.75°	18.2	18.5	18.7	18.9	19.2	19.4	19.6	19.7	19.9	20.0	20.1
67.5°	20.0	20.3	20.5	20.8	21.0	21.2	21.4	21.6	21.8	21.9	22.1
66.25°	21.8	22.1	22.4	22.7	23.0	23.3	23.6	23.8	24.1	24.3	24.5
65°	23.9	24.3	24.7	25.1	25.4	25.7	26.0	26.3	26.6	26.8	27.0
63.75°	26.3	26.7	27.1	27.5	27.8	28.1	28.3	28.5	28.7	28.9	29.0
62.5°	28.4	28.7	29.0	29.4	29.7	29.9	30.2	30.4	30.6	30.8	31.0
61.25°	30.1	30.5	30.9	31.2	31.5	31.7	31.9	32.1	32.3	32.4	32.5
60°	31.8	32.1	32.4	32.6	32.9	33.1	33.3	33.5	33.7	33.8	34.0
58.75°	33.1	33.4	33.7	34.0	34.3	34.5	34.7	34.9	35.1	35.2	35.3
57.5°	34.5	34.8	35.1	35.3	35.6	35.8	36.0	36.2	36.4	36.6	36.7
56.25°	35.7	36.0	36.4	36.6	36.9	37.1	37.4	37.6	37.8	38.0	38.1
55°	37.0	37.3	37.6	37.9	38.2	38.5	38.7	38.9	39.1	39.3	39.5
53.75°	38.3	38.6	38.9	39.2	39.5	39.8	40.0	40.2	40.3	40.4	40.5
52.5°	39.5	39.9	40.1	40.3	40.5	40.7	40.9	41.0	41.1	41.2	41.4
51.25°	40.5	40.7	40.9	41.1	41.3	41.5	41.7	41.7	41.8	41.8	41.9
50°	41.2	41.5	41.7	41.8	41.8	41.9	42.0	42.0	42.1	42.1	42.2
48.75°	41.8	41.9	42.0	42.1	42.1	42.2	42.3	42.3	42.4	42.5	42.6
47.5°	42.1	42.2	42.2	42.4	42.5	42.6	42.7	42.9	43.0	43.1	43.1
46.25°	42.4	42.5	42.7	42.9	43.0	43.1	43.3	43.4	43.4	43.5	43.5
45°	42.8	43.0	43.2	43.4	43.5	43.5	43.6	43.6	43.7	43.7	43.8
43.75°	43.3	43.4	43.5	43.6	43.7	43.7	43.8	43.9	44.0	44.1	44.2
42.5°	43.6	43.7	43.8	43.8	43.9	44.1	44.3	44.4	44.5	44.6	44.8
41.25°	43.8	43.9	44.1	44.3	44.5	44.7	44.8	45.0	45.1	45.2	45.3
40°	44.2	44.4	44.6	44.8	45.0	45.2	45.4	45.5	45.6	45.7	45.9
38.75°	44.7	44.9	45.1	45.3	45.5	45.7	45.9	46.0	46.2	46.4	46.6
37.5°	45.2	45.4	45.6	45.8	46.0	46.2	46.6	46.9	47.2	47.4	47.6
36.25°	45.6	45.9	46.1	46.4	46.8	47.2	47.6	47.9	48.2	48.6	49.2
35°	46.1	46.5	47.0	47.4	47.8	48.2	48.9	49.8	50.6	51.3	52.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°
33.75°	46.9	47.4	47.9	48.4	49.5	50.5	51.5	52.4	53.3	54.0	55.8
32.5°	47.8	48.3	49.5	50.8	52.0	53.1	54.1	56.9	59.4	61.7	63.7
31.25°	49.1	50.6	51.9	53.2	55.1	58.5	61.5	64.4	67.0	69.4	71.6
30°	51.4	52.9	54.7	58.6	62.2	65.7	68.9	72.0	74.9	77.6	80.0
28.75°	53.6	57.2	61.4	65.4	69.2	73.0	76.6	79.9	83.0	85.8	88.4
27.5°	59.1	63.6	68.0	72.3	76.6	80.6	84.4	87.9	92.0	95.7	102.6
26.25°	65.2	70.0	74.8	79.5	83.9	88.2	93.3	99.6	110.7	121.8	141.5
25°	71.4	76.6	81.7	86.6	92.1	99.1	112.7	131.5	156.8	183.3	211.4
23.75°	77.7	83.2	88.6	95.1	108.2	127.2	158.0	192.7	228.8	265.8	300.5
22.5°	84.0	90.1	97.5	114.9	144.8	182.1	225.9	271.9	316.3	358.4	396.2
21.25°	90.6	100.1	118.9	156.7	202.8	253.6	307.4	359.2	407.7	452.9	493.1
20°	100.1	120.5	162.6	215.3	273.7	333.7	392.0	447.7	498.6	542.9	580.4
18.75°	118.9	162.6	219.5	283.8	349.9	414.5	476.8	531.9	580.2	620.8	654.5
17.5°	156.7	215.3	283.8	355.3	425.9	493.8	554.4	605.4	649.5	687.2	727.0
16.25°	202.8	273.7	349.9	425.9	499.3	565.5	620.8	668.0	714.7	762.1	819.9
15°	253.6	333.7	414.5	493.8	565.5	625.9	677.4	732.0	794.0	862.4	941.7
13.75°	307.4	392.0	476.8	554.4	620.8	677.4	737.9	810.3	895.0	988.4	1092.2
12.5°	359.2	447.7	531.9	605.4	668.0	732.0	810.3	906.0	1016.6	1137.8	1274.1
11.25°	407.7	498.6	580.2	649.5	714.7	794.0	895.0	1016.6	1156.1	1312.6	1473.4
10°	452.9	542.9	620.8	687.2	762.1	862.4	988.4	1137.8	1312.6	1496.0	1682.3
8.75°	493.1	580.4	654.5	727.0	819.9	941.7	1092.2	1274.1	1473.4	1682.3	1888.9
7.5°	526.6	611.2	683.2	763.5	875.7	1020.4	1198.6	1406.5	1629.9	1859.8	2091.2
6.25°	555.4	637.1	711.1	805.7	933.7	1096.7	1299.8	1528.0	1774.1	2024.6	2280.9
5°	577.3	656.5	735.7	841.0	982.9	1168.1	1392.7	1640.1	1900.9	2174.0	2448.7
3.75°	593.7	671.8	755.1	872.1	1030.3	1231.1	1468.3	1730.3	2006.1	2297.3	2585.1
2.5°	605.5	682.9	771.4	898.1	1064.7	1277.0	1524.0	1798.5	2087.3	2389.5	2687.4
1.25°	612.7	689.6	782.8	913.8	1085.6	1304.9	1560.8	1840.4	2137.2	2446.4	2750.7
0°	615.1	691.8	786.6	919.1	1092.6	1314.3	1573.1	1854.5	2154.1	2465.7	2772.2
-1.25°	612.7	689.6	782.8	913.8	1085.6	1304.9	1560.8	1840.4	2137.2	2446.4	2750.7
-2.5°	605.5	682.9	771.4	898.1	1064.7	1277.0	1524.0	1798.5	2087.3	2389.5	2687.4
-3.75°	593.7	671.8	755.1	872.1	1030.3	1231.1	1468.3	1730.3	2006.1	2297.3	2585.1
-5°	577.3	656.5	735.7	841.0	982.9	1168.1	1392.7	1640.1	1900.9	2174.0	2448.7
-6.25°	555.4	637.1	711.1	805.7	933.7	1096.7	1299.8	1528.0	1774.1	2024.6	2280.9
-7.5°	526.6	611.2	683.2	763.5	875.7	1020.4	1198.6	1406.5	1629.9	1859.8	2091.2
-8.75°	493.1	580.4	654.5	727.0	819.9	941.7	1092.2	1274.1	1473.4	1682.3	1888.9
-10°	452.9	542.9	620.8	687.2	762.1	862.4	988.4	1137.8	1312.6	1496.0	1682.3
-11.25°	407.7	498.6	580.2	649.5	714.7	794.0	895.0	1016.6	1156.1	1312.6	1473.4
-12.5°	359.2	447.7	531.9	605.4	668.0	732.0	810.3	906.0	1016.6	1137.8	1274.1
-13.75°	307.4	392.0	476.8	554.4	620.8	677.4	737.9	810.3	895.0	988.4	1092.2
-15°	253.6	333.7	414.5	493.8	565.5	625.9	677.4	732.0	794.0	862.4	941.7
-16.25°	202.8	273.7	349.9	425.9	499.3	565.5	620.8	668.0	714.7	762.1	819.9
-17.5°	156.7	215.3	283.8	355.3	425.9	493.8	554.4	605.4	649.5	687.2	727.0
-18.75°	118.9	162.6	219.5	283.8	349.9	414.5	476.8	531.9	580.2	620.8	654.5
-20°	100.1	120.5	162.6	215.3	273.7	333.7	392.0	447.7	498.6	542.9	580.4
-21.25°	90.6	100.1	118.9	156.7	202.8	253.6	307.4	359.2	407.7	452.9	493.1



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	84.0	90.1	97.5	114.9	144.8	182.1	225.9	271.9	316.3	358.4	396.2
-23.75°	77.7	83.2	88.6	95.1	108.2	127.2	158.0	192.7	228.8	265.8	300.5
-25°	71.4	76.6	81.7	86.6	92.1	99.1	112.7	131.5	156.8	183.3	211.4
-26.25°	65.2	70.0	74.8	79.5	83.9	88.2	93.3	99.6	110.7	121.8	141.5
-27.5°	59.1	63.6	68.0	72.3	76.6	80.6	84.4	87.9	92.0	95.7	102.6
-28.75°	53.6	57.2	61.4	65.4	69.2	73.0	76.6	79.9	83.0	85.8	88.4
-30°	51.4	52.9	54.7	58.6	62.2	65.7	68.9	72.0	74.9	77.6	80.0
-31.25°	49.1	50.6	51.9	53.2	55.1	58.5	61.5	64.4	67.0	69.4	71.6
-32.5°	47.8	48.3	49.5	50.8	52.0	53.1	54.1	56.9	59.4	61.7	63.7
-33.75°	46.9	47.4	47.9	48.4	49.5	50.5	51.5	52.4	53.3	54.0	55.8
-35°	46.1	46.5	47.0	47.4	47.8	48.2	48.9	49.8	50.6	51.3	52.0
-36.25°	45.6	45.9	46.1	46.4	46.8	47.2	47.6	47.9	48.2	48.6	49.2
-37.5°	45.2	45.4	45.6	45.8	46.0	46.2	46.6	46.9	47.2	47.4	47.6
-38.75°	44.7	44.9	45.1	45.3	45.5	45.7	45.9	46.0	46.2	46.4	46.6
-40°	44.2	44.4	44.6	44.8	45.0	45.2	45.4	45.5	45.6	45.7	45.9
-41.25°	43.8	43.9	44.1	44.3	44.5	44.7	44.8	45.0	45.1	45.2	45.3
-42.5°	43.6	43.7	43.8	43.8	43.9	44.1	44.3	44.4	44.5	44.6	44.8
-43.75°	43.3	43.4	43.5	43.6	43.7	43.7	43.8	43.9	44.0	44.1	44.2
-45°	42.8	43.0	43.2	43.4	43.5	43.5	43.6	43.6	43.7	43.7	43.8
-46.25°	42.4	42.5	42.7	42.9	43.0	43.1	43.3	43.4	43.4	43.5	43.5
-47.5°	42.1	42.2	42.2	42.4	42.5	42.6	42.7	42.9	43.0	43.1	43.1
-48.75°	41.8	41.9	42.0	42.1	42.1	42.2	42.3	42.3	42.4	42.5	42.6
-50°	41.2	41.5	41.7	41.8	41.8	41.9	42.0	42.0	42.1	42.1	42.2
-51.25°	40.5	40.7	40.9	41.1	41.3	41.5	41.7	41.7	41.8	41.8	41.9
-52.5°	39.5	39.9	40.1	40.3	40.5	40.7	40.9	41.0	41.1	41.2	41.4
-53.75°	38.3	38.6	38.9	39.2	39.5	39.8	40.0	40.2	40.3	40.4	40.5
-55°	37.0	37.3	37.6	37.9	38.2	38.5	38.7	38.9	39.1	39.3	39.5
-56.25°	35.7	36.0	36.4	36.6	36.9	37.1	37.4	37.6	37.8	38.0	38.1
-57.5°	34.5	34.8	35.1	35.3	35.6	35.8	36.0	36.2	36.4	36.6	36.7
-58.75°	33.1	33.4	33.7	34.0	34.3	34.5	34.7	34.9	35.1	35.2	35.3
-60°	31.8	32.1	32.4	32.6	32.9	33.1	33.3	33.5	33.7	33.8	34.0
-61.25°	30.1	30.5	30.9	31.2	31.5	31.7	31.9	32.1	32.3	32.4	32.5
-62.5°	28.4	28.7	29.0	29.4	29.7	29.9	30.2	30.4	30.6	30.8	31.0
-63.75°	26.3	26.7	27.1	27.5	27.8	28.1	28.3	28.5	28.7	28.9	29.0
-65°	23.9	24.3	24.7	25.1	25.4	25.7	26.0	26.3	26.6	26.8	27.0
-66.25°	21.8	22.1	22.4	22.7	23.0	23.3	23.6	23.8	24.1	24.3	24.5
-67.5°	20.0	20.3	20.5	20.8	21.0	21.2	21.4	21.6	21.8	21.9	22.1
-68.75°	18.2	18.5	18.7	18.9	19.2	19.4	19.6	19.7	19.9	20.0	20.1
-70°	16.3	16.6	16.8	17.1	17.3	17.5	17.6	17.8	18.0	18.1	18.2
-71.25°	14.5	14.7	15.0	15.2	15.4	15.5	15.7	15.9	16.0	16.1	16.2
-72.5°	13.5	13.6	13.8	13.9	14.0	14.1	14.1	14.2	14.3	14.4	14.4
-73.75°	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.3
-75°	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.2	12.3	12.3	12.3
-76.25°	11.4	11.5	11.5	11.6	11.6	11.6	11.7	11.7	11.7	11.8	11.8
-77.5°	10.7	10.8	10.8	10.9	11.0	11.0	11.1	11.1	11.1	11.2	11.2



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°
-78.75°	9.9	10.0	10.0	10.1	10.1	10.2	10.2	10.3	10.3	10.3	10.4
-80°	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.5
-81.25°	7.5	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.0	8.1
-82.5°	6.3	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7
-83.75°	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.5	5.6	5.6
-85°	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
-86.25°	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.4
-87.5°	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
86.25°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
83.75°	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
81.25°	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
80°	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
78.75°	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.4
77.5°	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
76.25°	11.8	11.8	11.8	11.8	11.8	11.8	11.9	11.8	11.8	11.8	11.8
75°	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
73.75°	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
72.5°	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.5
71.25°	16.3	16.4	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.5	16.5
70°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
68.75°	20.3	20.3	20.4	20.5	20.5	20.5	20.6	20.5	20.5	20.5	20.4
67.5°	22.2	22.3	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.4	22.4
66.25°	24.6	24.7	24.9	24.9	25.0	25.0	25.1	25.0	25.0	24.9	24.9
65°	27.1	27.3	27.4	27.5	27.5	27.6	27.6	27.6	27.5	27.5	27.4
63.75°	29.2	29.3	29.4	29.5	29.5	29.5	29.6	29.5	29.5	29.5	29.4
62.5°	31.1	31.2	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.4	31.3
61.25°	32.6	32.7	32.8	32.9	32.9	32.9	33.0	32.9	32.9	32.9	32.8
60°	34.1	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.3	34.3
58.75°	35.5	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.7	35.7
57.5°	36.9	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.1	37.0
56.25°	38.2	38.3	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.5	38.4
55°	39.6	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0	39.9	39.8
53.75°	40.6	40.7	40.7	40.8	40.8	40.8	40.9	40.8	40.8	40.8	40.7
52.5°	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.6	41.6
51.25°	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
50°	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
48.75°	42.7	42.7	42.8	42.8	42.8	42.8	42.9	42.8	42.8	42.8	42.8
47.5°	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.3
46.25°	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.6	43.6	43.6	43.6
45°	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
43.75°	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.4	44.4
42.5°	44.8	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.0	45.0
41.25°	45.4	45.5	45.5	45.6	45.6	45.6	45.7	45.6	45.6	45.6	45.5
40°	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.1
38.75°	46.8	46.9	47.1	47.2	47.2	47.3	47.3	47.3	47.2	47.2	47.1
37.5°	47.8	48.0	48.2	48.3	48.3	48.4	48.4	48.4	48.3	48.3	48.2
36.25°	49.7	50.2	50.6	50.9	51.1	51.2	51.3	51.2	51.1	50.9	50.6
35°	52.5	53.0	53.4	53.7	53.9	54.1	54.1	54.1	53.9	53.7	53.4



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	57.5	58.9	60.1	61.1	61.7	62.1	62.3	62.1	61.7	61.1	60.1
32.5°	65.4	66.9	68.2	69.1	69.8	70.3	70.4	70.3	69.8	69.1	68.2
31.25°	73.6	75.3	76.6	77.7	78.5	79.0	79.2	79.0	78.5	77.7	76.6
30°	82.0	83.8	85.3	86.4	87.2	87.7	87.9	87.7	87.2	86.4	85.3
28.75°	91.2	93.6	95.6	97.5	100.4	102.1	102.7	102.1	100.4	97.5	95.6
27.5°	110.1	116.6	124.2	133.3	139.8	143.7	145.1	143.7	139.8	133.3	124.2
26.25°	158.7	174.7	191.3	204.4	213.7	219.4	221.3	219.4	213.7	204.4	191.3
25°	236.2	260.7	281.2	297.4	309.0	316.0	318.3	316.0	309.0	297.4	281.2
23.75°	331.5	358.7	381.2	398.8	411.8	419.6	422.2	419.6	411.8	398.8	381.2
22.5°	430.2	459.5	483.9	501.7	514.5	522.2	524.8	522.2	514.5	501.7	483.9
21.25°	526.6	555.4	577.3	593.7	605.5	612.7	615.1	612.7	605.5	593.7	577.3
20°	611.2	637.1	656.5	671.8	682.9	689.6	691.8	689.6	682.9	671.8	656.5
18.75°	683.2	711.1	735.7	755.1	771.4	782.8	786.6	782.8	771.4	755.1	735.7
17.5°	763.5	805.7	841.0	872.1	898.1	913.8	919.1	913.8	898.1	872.1	841.0
16.25°	875.7	933.7	982.9	1030.3	1064.7	1085.6	1092.6	1085.6	1064.7	1030.3	982.9
15°	1020.4	1096.7	1168.1	1231.1	1277.0	1304.9	1314.3	1304.9	1277.0	1231.1	1168.1
13.75°	1198.6	1299.8	1392.7	1468.3	1524.0	1560.8	1573.1	1560.8	1524.0	1468.3	1392.7
12.5°	1406.5	1528.0	1640.1	1730.3	1798.5	1840.4	1854.5	1840.4	1798.5	1730.3	1640.1
11.25°	1629.9	1774.1	1900.9	2006.1	2087.3	2137.2	2154.1	2137.2	2087.3	2006.1	1900.9
10°	1859.8	2024.6	2174.0	2297.3	2389.5	2446.4	2465.7	2446.4	2389.5	2297.3	2174.0
8.75°	2091.2	2280.9	2448.7	2585.1	2687.4	2750.7	2772.2	2750.7	2687.4	2585.1	2448.7
7.5°	2317.8	2526.8	2709.8	2862.1	2976.2	3043.3	3066.3	3043.3	2976.2	2862.1	2709.8
6.25°	2526.8	2752.7	2955.2	3114.2	3229.0	3296.4	3319.7	3296.4	3229.0	3114.2	2955.2
5°	2709.8	2955.2	3162.9	3320.2	3437.2	3511.5	3537.7	3511.5	3437.2	3320.2	3162.9
3.75°	2862.1	3114.2	3320.2	3486.2	3605.1	3679.8	3704.2	3679.8	3605.1	3486.2	3320.2
2.5°	2976.2	3229.0	3437.2	3605.1	3730.1	3810.4	3833.2	3810.4	3730.1	3605.1	3437.2
1.25°	3043.3	3296.4	3511.5	3679.8	3810.4	3885.5	3916.1	3885.5	3810.4	3679.8	3511.5
0°	3066.3	3319.7	3537.7	3704.2	3833.2	3916.1	3974.9	3916.1	3833.2	3704.2	3537.7
-1.25°	3043.3	3296.4	3511.5	3679.8	3810.4	3885.5	3916.1	3885.5	3810.4	3679.8	3511.5
-2.5°	2976.2	3229.0	3437.2	3605.1	3730.1	3810.4	3833.2	3810.4	3730.1	3605.1	3437.2
-3.75°	2862.1	3114.2	3320.2	3486.2	3605.1	3679.8	3704.2	3679.8	3605.1	3486.2	3320.2
-5°	2709.8	2955.2	3162.9	3320.2	3437.2	3511.5	3537.7	3511.5	3437.2	3320.2	3162.9
-6.25°	2526.8	2752.7	2955.2	3114.2	3229.0	3296.4	3319.7	3296.4	3229.0	3114.2	2955.2
-7.5°	2317.8	2526.8	2709.8	2862.1	2976.2	3043.3	3066.3	3043.3	2976.2	2862.1	2709.8
-8.75°	2091.2	2280.9	2448.7	2585.1	2687.4	2750.7	2772.2	2750.7	2687.4	2585.1	2448.7
-10°	1859.8	2024.6	2174.0	2297.3	2389.5	2446.4	2465.7	2446.4	2389.5	2297.3	2174.0
-11.25°	1629.9	1774.1	1900.9	2006.1	2087.3	2137.2	2154.1	2137.2	2087.3	2006.1	1900.9
-12.5°	1406.5	1528.0	1640.1	1730.3	1798.5	1840.4	1854.5	1840.4	1798.5	1730.3	1640.1
-13.75°	1198.6	1299.8	1392.7	1468.3	1524.0	1560.8	1573.1	1560.8	1524.0	1468.3	1392.7
-15°	1020.4	1096.7	1168.1	1231.1	1277.0	1304.9	1314.3	1304.9	1277.0	1231.1	1168.1
-16.25°	875.7	933.7	982.9	1030.3	1064.7	1085.6	1092.6	1085.6	1064.7	1030.3	982.9
-17.5°	763.5	805.7	841.0	872.1	898.1	913.8	919.1	913.8	898.1	872.1	841.0
-18.75°	683.2	711.1	735.7	755.1	771.4	782.8	786.6	782.8	771.4	755.1	735.7
-20°	611.2	637.1	656.5	671.8	682.9	689.6	691.8	689.6	682.9	671.8	656.5
-21.25°	526.6	555.4	577.3	593.7	605.5	612.7	615.1	612.7	605.5	593.7	577.3



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°
-22.5°	430.2	459.5	483.9	501.7	514.5	522.2	524.8	522.2	514.5	501.7	483.9
-23.75°	331.5	358.7	381.2	398.8	411.8	419.6	422.2	419.6	411.8	398.8	381.2
-25°	236.2	260.7	281.2	297.4	309.0	316.0	318.3	316.0	309.0	297.4	281.2
-26.25°	158.7	174.7	191.3	204.4	213.7	219.4	221.3	219.4	213.7	204.4	191.3
-27.5°	110.1	116.6	124.2	133.3	139.8	143.7	145.1	143.7	139.8	133.3	124.2
-28.75°	91.2	93.6	95.6	97.5	100.4	102.1	102.7	102.1	100.4	97.5	95.6
-30°	82.0	83.8	85.3	86.4	87.2	87.7	87.9	87.7	87.2	86.4	85.3
-31.25°	73.6	75.3	76.6	77.7	78.5	79.0	79.2	79.0	78.5	77.7	76.6
-32.5°	65.4	66.9	68.2	69.1	69.8	70.3	70.4	70.3	69.8	69.1	68.2
-33.75°	57.5	58.9	60.1	61.1	61.7	62.1	62.3	62.1	61.7	61.1	60.1
-35°	52.5	53.0	53.4	53.7	53.9	54.1	54.1	54.1	53.9	53.7	53.4
-36.25°	49.7	50.2	50.6	50.9	51.1	51.2	51.3	51.2	51.1	50.9	50.6
-37.5°	47.8	48.0	48.2	48.3	48.3	48.4	48.4	48.4	48.3	48.3	48.2
-38.75°	46.8	46.9	47.1	47.2	47.2	47.3	47.3	47.3	47.2	47.2	47.1
-40°	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.1
-41.25°	45.4	45.5	45.5	45.6	45.6	45.6	45.7	45.6	45.6	45.6	45.5
-42.5°	44.8	44.9	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.0	45.0
-43.75°	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.4	44.4
-45°	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
-46.25°	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.6	43.6	43.6	43.6
-47.5°	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.3
-48.75°	42.7	42.7	42.8	42.8	42.8	42.8	42.9	42.8	42.8	42.8	42.8
-50°	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
-51.25°	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
-52.5°	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.6	41.6
-53.75°	40.6	40.7	40.7	40.8	40.8	40.8	40.9	40.8	40.8	40.8	40.7
-55°	39.6	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0	39.9	39.8
-56.25°	38.2	38.3	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.5	38.4
-57.5°	36.9	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.1	37.0
-58.75°	35.5	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.7	35.7
-60°	34.1	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.3	34.3
-61.25°	32.6	32.7	32.8	32.9	32.9	32.9	33.0	32.9	32.9	32.9	32.8
-62.5°	31.1	31.2	31.3	31.4	31.5	31.5	31.5	31.5	31.5	31.4	31.3
-63.75°	29.2	29.3	29.4	29.5	29.5	29.5	29.6	29.5	29.5	29.5	29.4
-65°	27.1	27.3	27.4	27.5	27.5	27.6	27.6	27.6	27.5	27.5	27.4
-66.25°	24.6	24.7	24.9	24.9	25.0	25.0	25.1	25.0	25.0	24.9	24.9
-67.5°	22.2	22.3	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.4	22.4
-68.75°	20.3	20.3	20.4	20.5	20.5	20.5	20.6	20.5	20.5	20.5	20.4
-70°	18.3	18.4	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.5	18.5
-71.25°	16.3	16.4	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.5	16.5
-72.5°	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.5
-73.75°	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
-75°	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
-76.25°	11.8	11.8	11.8	11.8	11.8	11.8	11.9	11.8	11.8	11.8	11.8
-77.5°	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.4	10.4	10.4	10.4
-80°	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
-81.25°	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
-82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-83.75°	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
-85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-86.25°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
87.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
86.25°	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
85°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
83.75°	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.3
82.5°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4
81.25°	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8	7.7	7.7
80°	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.0
78.75°	10.4	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0
77.5°	11.2	11.2	11.2	11.2	11.1	11.1	11.1	11.0	11.0	10.9	10.8
76.25°	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.6	11.6	11.6	11.5
75°	12.4	12.3	12.3	12.3	12.3	12.2	12.2	12.2	12.1	12.1	12.0
73.75°	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.7
72.5°	14.5	14.5	14.4	14.4	14.3	14.2	14.1	14.1	14.0	13.9	13.8
71.25°	16.4	16.3	16.2	16.1	16.0	15.9	15.7	15.5	15.4	15.2	15.0
70°	18.4	18.3	18.2	18.1	18.0	17.8	17.6	17.5	17.3	17.1	16.8
68.75°	20.3	20.3	20.1	20.0	19.9	19.7	19.6	19.4	19.2	18.9	18.7
67.5°	22.3	22.2	22.1	21.9	21.8	21.6	21.4	21.2	21.0	20.8	20.5
66.25°	24.7	24.6	24.5	24.3	24.1	23.8	23.6	23.3	23.0	22.7	22.4
65°	27.3	27.1	27.0	26.8	26.6	26.3	26.0	25.7	25.4	25.1	24.7
63.75°	29.3	29.2	29.0	28.9	28.7	28.5	28.3	28.1	27.8	27.5	27.1
62.5°	31.2	31.1	31.0	30.8	30.6	30.4	30.2	29.9	29.7	29.4	29.0
61.25°	32.7	32.6	32.5	32.4	32.3	32.1	31.9	31.7	31.5	31.2	30.9
60°	34.2	34.1	34.0	33.8	33.7	33.5	33.3	33.1	32.9	32.6	32.4
58.75°	35.6	35.5	35.3	35.2	35.1	34.9	34.7	34.5	34.3	34.0	33.7
57.5°	37.0	36.9	36.7	36.6	36.4	36.2	36.0	35.8	35.6	35.3	35.1
56.25°	38.3	38.2	38.1	38.0	37.8	37.6	37.4	37.1	36.9	36.6	36.4
55°	39.7	39.6	39.5	39.3	39.1	38.9	38.7	38.5	38.2	37.9	37.6
53.75°	40.7	40.6	40.5	40.4	40.3	40.2	40.0	39.8	39.5	39.2	38.9
52.5°	41.5	41.4	41.4	41.2	41.1	41.0	40.9	40.7	40.5	40.3	40.1
51.25°	41.9	41.9	41.9	41.8	41.8	41.7	41.7	41.5	41.3	41.1	40.9
50°	42.2	42.2	42.2	42.1	42.1	42.0	42.0	41.9	41.8	41.8	41.7
48.75°	42.7	42.7	42.6	42.5	42.4	42.3	42.3	42.2	42.1	42.1	42.0
47.5°	43.3	43.2	43.1	43.1	43.0	42.9	42.7	42.6	42.5	42.4	42.2
46.25°	43.6	43.6	43.5	43.5	43.4	43.4	43.3	43.1	43.0	42.9	42.7
45°	43.8	43.8	43.8	43.7	43.7	43.6	43.6	43.5	43.5	43.4	43.2
43.75°	44.3	44.3	44.2	44.1	44.0	43.9	43.8	43.7	43.7	43.6	43.5
42.5°	44.9	44.8	44.8	44.6	44.5	44.4	44.3	44.1	43.9	43.8	43.8
41.25°	45.5	45.4	45.3	45.2	45.1	45.0	44.8	44.7	44.5	44.3	44.1
40°	46.0	45.9	45.9	45.7	45.6	45.5	45.4	45.2	45.0	44.8	44.6
38.75°	46.9	46.8	46.6	46.4	46.2	46.0	45.9	45.7	45.5	45.3	45.1
37.5°	48.0	47.8	47.6	47.4	47.2	46.9	46.6	46.2	46.0	45.8	45.6
36.25°	50.2	49.7	49.2	48.6	48.2	47.9	47.6	47.2	46.8	46.4	46.1
35°	53.0	52.5	52.0	51.3	50.6	49.8	48.9	48.2	47.8	47.4	47.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°
33.75°	58.9	57.5	55.8	54.0	53.3	52.4	51.5	50.5	49.5	48.4	47.9
32.5°	66.9	65.4	63.7	61.7	59.4	56.9	54.1	53.1	52.0	50.8	49.5
31.25°	75.3	73.6	71.6	69.4	67.0	64.4	61.5	58.5	55.1	53.2	51.9
30°	83.8	82.0	80.0	77.6	74.9	72.0	68.9	65.7	62.2	58.6	54.7
28.75°	93.6	91.2	88.4	85.8	83.0	79.9	76.6	73.0	69.2	65.4	61.4
27.5°	116.6	110.1	102.6	95.7	92.0	87.9	84.4	80.6	76.6	72.3	68.0
26.25°	174.7	158.7	141.5	121.8	110.7	99.6	93.3	88.2	83.9	79.5	74.8
25°	260.7	236.2	211.4	183.3	156.8	131.5	112.7	99.1	92.1	86.6	81.7
23.75°	358.7	331.5	300.5	265.8	228.8	192.7	158.0	127.2	108.2	95.1	88.6
22.5°	459.5	430.2	396.2	358.4	316.3	271.9	225.9	182.1	144.8	114.9	97.5
21.25°	555.4	526.6	493.1	452.9	407.7	359.2	307.4	253.6	202.8	156.7	118.9
20°	637.1	611.2	580.4	542.9	498.6	447.7	392.0	333.7	273.7	215.3	162.6
18.75°	711.1	683.2	654.5	620.8	580.2	531.9	476.8	414.5	349.9	283.8	219.5
17.5°	805.7	763.5	727.0	687.2	649.5	605.4	554.4	493.8	425.9	355.3	283.8
16.25°	933.7	875.7	819.9	762.1	714.7	668.0	620.8	565.5	499.3	425.9	349.9
15°	1096.7	1020.4	941.7	862.4	794.0	732.0	677.4	625.9	565.5	493.8	414.5
13.75°	1299.8	1198.6	1092.2	988.4	895.0	810.3	737.9	677.4	620.8	554.4	476.8
12.5°	1528.0	1406.5	1274.1	1137.8	1016.6	906.0	810.3	732.0	668.0	605.4	531.9
11.25°	1774.1	1629.9	1473.4	1312.6	1156.1	1016.6	895.0	794.0	714.7	649.5	580.2
10°	2024.6	1859.8	1682.3	1496.0	1312.6	1137.8	988.4	862.4	762.1	687.2	620.8
8.75°	2280.9	2091.2	1888.9	1682.3	1473.4	1274.1	1092.2	941.7	819.9	727.0	654.5
7.5°	2526.8	2317.8	2091.2	1859.8	1629.9	1406.5	1198.6	1020.4	875.7	763.5	683.2
6.25°	2752.7	2526.8	2280.9	2024.6	1774.1	1528.0	1299.8	1096.7	933.7	805.7	711.1
5°	2955.2	2709.8	2448.7	2174.0	1900.9	1640.1	1392.7	1168.1	982.9	841.0	735.7
3.75°	3114.2	2862.1	2585.1	2297.3	2006.1	1730.3	1468.3	1231.1	1030.3	872.1	755.1
2.5°	3229.0	2976.2	2687.4	2389.5	2087.3	1798.5	1524.0	1277.0	1064.7	898.1	771.4
1.25°	3296.4	3043.3	2750.7	2446.4	2137.2	1840.4	1560.8	1304.9	1085.6	913.8	782.8
0°	3319.7	3066.3	2772.2	2465.7	2154.1	1854.5	1573.1	1314.3	1092.6	919.1	786.6
-1.25°	3296.4	3043.3	2750.7	2446.4	2137.2	1840.4	1560.8	1304.9	1085.6	913.8	782.8
-2.5°	3229.0	2976.2	2687.4	2389.5	2087.3	1798.5	1524.0	1277.0	1064.7	898.1	771.4
-3.75°	3114.2	2862.1	2585.1	2297.3	2006.1	1730.3	1468.3	1231.1	1030.3	872.1	755.1
-5°	2955.2	2709.8	2448.7	2174.0	1900.9	1640.1	1392.7	1168.1	982.9	841.0	735.7
-6.25°	2752.7	2526.8	2280.9	2024.6	1774.1	1528.0	1299.8	1096.7	933.7	805.7	711.1
-7.5°	2526.8	2317.8	2091.2	1859.8	1629.9	1406.5	1198.6	1020.4	875.7	763.5	683.2
-8.75°	2280.9	2091.2	1888.9	1682.3	1473.4	1274.1	1092.2	941.7	819.9	727.0	654.5
-10°	2024.6	1859.8	1682.3	1496.0	1312.6	1137.8	988.4	862.4	762.1	687.2	620.8
-11.25°	1774.1	1629.9	1473.4	1312.6	1156.1	1016.6	895.0	794.0	714.7	649.5	580.2
-12.5°	1528.0	1406.5	1274.1	1137.8	1016.6	906.0	810.3	732.0	668.0	605.4	531.9
-13.75°	1299.8	1198.6	1092.2	988.4	895.0	810.3	737.9	677.4	620.8	554.4	476.8
-15°	1096.7	1020.4	941.7	862.4	794.0	732.0	677.4	625.9	565.5	493.8	414.5
-16.25°	933.7	875.7	819.9	762.1	714.7	668.0	620.8	565.5	499.3	425.9	349.9
-17.5°	805.7	763.5	727.0	687.2	649.5	605.4	554.4	493.8	425.9	355.3	283.8
-18.75°	711.1	683.2	654.5	620.8	580.2	531.9	476.8	414.5	349.9	283.8	219.5
-20°	637.1	611.2	580.4	542.9	498.6	447.7	392.0	333.7	273.7	215.3	162.6
-21.25°	555.4	526.6	493.1	452.9	407.7	359.2	307.4	253.6	202.8	156.7	118.9



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	459.5	430.2	396.2	358.4	316.3	271.9	225.9	182.1	144.8	114.9	97.5
-23.75°	358.7	331.5	300.5	265.8	228.8	192.7	158.0	127.2	108.2	95.1	88.6
-25°	260.7	236.2	211.4	183.3	156.8	131.5	112.7	99.1	92.1	86.6	81.7
-26.25°	174.7	158.7	141.5	121.8	110.7	99.6	93.3	88.2	83.9	79.5	74.8
-27.5°	116.6	110.1	102.6	95.7	92.0	87.9	84.4	80.6	76.6	72.3	68.0
-28.75°	93.6	91.2	88.4	85.8	83.0	79.9	76.6	73.0	69.2	65.4	61.4
-30°	83.8	82.0	80.0	77.6	74.9	72.0	68.9	65.7	62.2	58.6	54.7
-31.25°	75.3	73.6	71.6	69.4	67.0	64.4	61.5	58.5	55.1	53.2	51.9
-32.5°	66.9	65.4	63.7	61.7	59.4	56.9	54.1	53.1	52.0	50.8	49.5
-33.75°	58.9	57.5	55.8	54.0	53.3	52.4	51.5	50.5	49.5	48.4	47.9
-35°	53.0	52.5	52.0	51.3	50.6	49.8	48.9	48.2	47.8	47.4	47.0
-36.25°	50.2	49.7	49.2	48.6	48.2	47.9	47.6	47.2	46.8	46.4	46.1
-37.5°	48.0	47.8	47.6	47.4	47.2	46.9	46.6	46.2	46.0	45.8	45.6
-38.75°	46.9	46.8	46.6	46.4	46.2	46.0	45.9	45.7	45.5	45.3	45.1
-40°	46.0	45.9	45.9	45.7	45.6	45.5	45.4	45.2	45.0	44.8	44.6
-41.25°	45.5	45.4	45.3	45.2	45.1	45.0	44.8	44.7	44.5	44.3	44.1
-42.5°	44.9	44.8	44.8	44.6	44.5	44.4	44.3	44.1	43.9	43.8	43.8
-43.75°	44.3	44.3	44.2	44.1	44.0	43.9	43.8	43.7	43.7	43.6	43.5
-45°	43.8	43.8	43.8	43.7	43.7	43.6	43.6	43.5	43.5	43.4	43.2
-46.25°	43.6	43.6	43.5	43.5	43.4	43.4	43.3	43.1	43.0	42.9	42.7
-47.5°	43.3	43.2	43.1	43.1	43.0	42.9	42.7	42.6	42.5	42.4	42.2
-48.75°	42.7	42.7	42.6	42.5	42.4	42.3	42.3	42.2	42.1	42.1	42.0
-50°	42.2	42.2	42.2	42.1	42.1	42.0	42.0	41.9	41.8	41.8	41.7
-51.25°	41.9	41.9	41.9	41.8	41.8	41.7	41.7	41.5	41.3	41.1	40.9
-52.5°	41.5	41.4	41.4	41.2	41.1	41.0	40.9	40.7	40.5	40.3	40.1
-53.75°	40.7	40.6	40.5	40.4	40.3	40.2	40.0	39.8	39.5	39.2	38.9
-55°	39.7	39.6	39.5	39.3	39.1	38.9	38.7	38.5	38.2	37.9	37.6
-56.25°	38.3	38.2	38.1	38.0	37.8	37.6	37.4	37.1	36.9	36.6	36.4
-57.5°	37.0	36.9	36.7	36.6	36.4	36.2	36.0	35.8	35.6	35.3	35.1
-58.75°	35.6	35.5	35.3	35.2	35.1	34.9	34.7	34.5	34.3	34.0	33.7
-60°	34.2	34.1	34.0	33.8	33.7	33.5	33.3	33.1	32.9	32.6	32.4
-61.25°	32.7	32.6	32.5	32.4	32.3	32.1	31.9	31.7	31.5	31.2	30.9
-62.5°	31.2	31.1	31.0	30.8	30.6	30.4	30.2	29.9	29.7	29.4	29.0
-63.75°	29.3	29.2	29.0	28.9	28.7	28.5	28.3	28.1	27.8	27.5	27.1
-65°	27.3	27.1	27.0	26.8	26.6	26.3	26.0	25.7	25.4	25.1	24.7
-66.25°	24.7	24.6	24.5	24.3	24.1	23.8	23.6	23.3	23.0	22.7	22.4
-67.5°	22.3	22.2	22.1	21.9	21.8	21.6	21.4	21.2	21.0	20.8	20.5
-68.75°	20.3	20.3	20.1	20.0	19.9	19.7	19.6	19.4	19.2	18.9	18.7
-70°	18.4	18.3	18.2	18.1	18.0	17.8	17.6	17.5	17.3	17.1	16.8
-71.25°	16.4	16.3	16.2	16.1	16.0	15.9	15.7	15.5	15.4	15.2	15.0
-72.5°	14.5	14.5	14.4	14.4	14.3	14.2	14.1	14.1	14.0	13.9	13.8
-73.75°	13.4	13.4	13.3	13.3	13.2	13.2	13.1	13.0	12.9	12.8	12.7
-75°	12.4	12.3	12.3	12.3	12.3	12.2	12.2	12.2	12.1	12.1	12.0
-76.25°	11.8	11.8	11.8	11.8	11.7	11.7	11.7	11.6	11.6	11.6	11.5
-77.5°	11.2	11.2	11.2	11.2	11.1	11.1	11.1	11.0	11.0	10.9	10.8



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	10.4	10.4	10.4	10.3	10.3	10.3	10.2	10.2	10.1	10.1	10.0
-80°	9.5	9.5	9.5	9.4	9.4	9.3	9.3	9.2	9.1	9.1	9.0
-81.25°	8.1	8.1	8.1	8.0	8.0	8.0	7.9	7.9	7.8	7.7	7.7
-82.5°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4
-83.75°	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.3
-85°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3
-86.25°	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2
-87.5°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
-88.75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
-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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
86.25°	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9
85°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8
83.75°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
82.5°	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7
81.25°	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7
80°	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.8
78.75°	10.0	9.9	9.9	9.8	9.7	9.7	9.6	9.4	9.3	9.2	9.0
77.5°	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.1	10.0
76.25°	11.5	11.4	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.8	10.7
75°	12.0	11.9	11.9	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3
73.75°	12.6	12.5	12.4	12.3	12.3	12.2	12.1	12.0	12.0	11.9	11.8
72.5°	13.6	13.5	13.4	13.3	13.1	13.0	12.8	12.7	12.5	12.4	12.3
71.25°	14.7	14.5	14.4	14.3	14.1	13.9	13.8	13.6	13.4	13.2	13.0
70°	16.6	16.3	16.1	15.8	15.5	15.2	14.9	14.6	14.4	14.2	14.0
68.75°	18.5	18.2	17.9	17.6	17.3	17.0	16.6	16.2	15.9	15.5	15.1
67.5°	20.3	20.0	19.7	19.4	19.1	18.7	18.3	18.0	17.6	17.2	16.7
66.25°	22.1	21.8	21.5	21.1	20.8	20.4	20.1	19.7	19.2	18.8	18.4
65°	24.3	23.9	23.5	23.0	22.5	22.1	21.7	21.3	20.9	20.4	20.0
63.75°	26.7	26.3	25.8	25.3	24.8	24.3	23.7	23.1	22.5	22.1	21.6
62.5°	28.7	28.4	28.0	27.6	27.1	26.5	25.9	25.3	24.7	24.0	23.4
61.25°	30.5	30.1	29.8	29.3	28.9	28.5	28.0	27.5	26.8	26.1	25.4
60°	32.1	31.8	31.5	31.1	30.6	30.2	29.7	29.2	28.6	28.1	27.5
58.75°	33.4	33.1	32.8	32.5	32.1	31.8	31.3	30.8	30.2	29.7	29.1
57.5°	34.8	34.5	34.1	33.8	33.4	33.0	32.6	32.2	31.8	31.3	30.6
56.25°	36.0	35.7	35.4	35.0	34.7	34.3	33.8	33.4	33.0	32.5	32.0
55°	37.3	37.0	36.6	36.3	35.9	35.5	35.1	34.6	34.1	33.7	33.2
53.75°	38.6	38.3	37.9	37.5	37.1	36.7	36.2	35.8	35.3	34.8	34.3
52.5°	39.9	39.5	39.1	38.7	38.3	37.9	37.4	36.9	36.4	35.9	35.4
51.25°	40.7	40.5	40.2	39.9	39.5	39.0	38.6	38.1	37.6	37.0	36.5
50°	41.5	41.2	41.0	40.7	40.4	40.1	39.7	39.2	38.7	38.1	37.6
48.75°	41.9	41.8	41.7	41.4	41.2	40.9	40.5	40.2	39.8	39.2	38.6
47.5°	42.2	42.1	42.0	41.9	41.8	41.6	41.2	40.9	40.5	40.2	39.7
46.25°	42.5	42.4	42.2	42.1	42.0	41.9	41.8	41.6	41.2	40.8	40.5
45°	43.0	42.8	42.6	42.4	42.3	42.1	42.0	41.9	41.8	41.5	41.1
43.75°	43.4	43.3	43.1	42.9	42.7	42.5	42.3	42.1	42.0	41.9	41.7
42.5°	43.7	43.6	43.5	43.4	43.1	42.9	42.7	42.4	42.2	42.1	41.9
41.25°	43.9	43.8	43.7	43.6	43.5	43.4	43.1	42.8	42.6	42.3	42.1
40°	44.4	44.2	43.9	43.8	43.7	43.6	43.5	43.3	43.0	42.7	42.4
38.75°	44.9	44.7	44.4	44.2	43.9	43.8	43.7	43.5	43.4	43.1	42.8
37.5°	45.4	45.2	44.9	44.7	44.4	44.1	43.8	43.7	43.6	43.4	43.2
36.25°	45.9	45.6	45.4	45.1	44.8	44.5	44.2	43.9	43.8	43.6	43.5
35°	46.5	46.1	45.8	45.6	45.3	45.0	44.7	44.3	44.0	43.8	43.6



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	47.4	46.9	46.4	46.0	45.7	45.4	45.1	44.8	44.4	44.0	43.8
32.5°	48.3	47.8	47.2	46.7	46.1	45.8	45.5	45.2	44.8	44.4	44.1
31.25°	50.6	49.1	48.1	47.5	46.9	46.3	45.9	45.6	45.2	44.8	44.4
30°	52.9	51.4	49.9	48.3	47.7	47.0	46.4	45.9	45.6	45.2	44.8
28.75°	57.2	53.6	52.0	50.4	48.7	47.8	47.1	46.4	45.9	45.6	45.2
27.5°	63.6	59.1	54.3	52.5	50.7	48.9	47.9	47.1	46.4	45.9	45.5
26.25°	70.0	65.2	60.3	55.3	52.7	50.8	48.9	47.8	47.0	46.3	45.8
25°	76.6	71.4	66.2	61.0	55.6	52.7	50.7	48.7	47.7	46.9	46.1
23.75°	83.2	77.7	72.1	66.5	61.0	55.3	52.5	50.4	48.3	47.5	46.7
22.5°	90.1	84.0	78.1	72.1	66.2	60.3	54.3	52.0	49.9	48.1	47.2
21.25°	100.1	90.6	84.0	77.7	71.4	65.2	59.1	53.6	51.4	49.1	47.8
20°	120.5	100.1	90.1	83.2	76.6	70.0	63.6	57.2	52.9	50.6	48.3
18.75°	162.6	118.9	97.5	88.6	81.7	74.8	68.0	61.4	54.7	51.9	49.5
17.5°	215.3	156.7	114.9	95.1	86.6	79.5	72.3	65.4	58.6	53.2	50.8
16.25°	273.7	202.8	144.8	108.2	92.1	83.9	76.6	69.2	62.2	55.1	52.0
15°	333.7	253.6	182.1	127.2	99.1	88.2	80.6	73.0	65.7	58.5	53.1
13.75°	392.0	307.4	225.9	158.0	112.7	93.3	84.4	76.6	68.9	61.5	54.1
12.5°	447.7	359.2	271.9	192.7	131.5	99.6	87.9	79.9	72.0	64.4	56.9
11.25°	498.6	407.7	316.3	228.8	156.8	110.7	92.0	83.0	74.9	67.0	59.4
10°	542.9	452.9	358.4	265.8	183.3	121.8	95.7	85.8	77.6	69.4	61.7
8.75°	580.4	493.1	396.2	300.5	211.4	141.5	102.6	88.4	80.0	71.6	63.7
7.5°	611.2	526.6	430.2	331.5	236.2	158.7	110.1	91.2	82.0	73.6	65.4
6.25°	637.1	555.4	459.5	358.7	260.7	174.7	116.6	93.6	83.8	75.3	66.9
5°	656.5	577.3	483.9	381.2	281.2	191.3	124.2	95.6	85.3	76.6	68.2
3.75°	671.8	593.7	501.7	398.8	297.4	204.4	133.3	97.5	86.4	77.7	69.1
2.5°	682.9	605.5	514.5	411.8	309.0	213.7	139.8	100.4	87.2	78.5	69.8
1.25°	689.6	612.7	522.2	419.6	316.0	219.4	143.7	102.1	87.7	79.0	70.3
0°	691.8	615.1	524.8	422.2	318.3	221.3	145.1	102.7	87.9	79.2	70.4
-1.25°	689.6	612.7	522.2	419.6	316.0	219.4	143.7	102.1	87.7	79.0	70.3
-2.5°	682.9	605.5	514.5	411.8	309.0	213.7	139.8	100.4	87.2	78.5	69.8
-3.75°	671.8	593.7	501.7	398.8	297.4	204.4	133.3	97.5	86.4	77.7	69.1
-5°	656.5	577.3	483.9	381.2	281.2	191.3	124.2	95.6	85.3	76.6	68.2
-6.25°	637.1	555.4	459.5	358.7	260.7	174.7	116.6	93.6	83.8	75.3	66.9
-7.5°	611.2	526.6	430.2	331.5	236.2	158.7	110.1	91.2	82.0	73.6	65.4
-8.75°	580.4	493.1	396.2	300.5	211.4	141.5	102.6	88.4	80.0	71.6	63.7
-10°	542.9	452.9	358.4	265.8	183.3	121.8	95.7	85.8	77.6	69.4	61.7
-11.25°	498.6	407.7	316.3	228.8	156.8	110.7	92.0	83.0	74.9	67.0	59.4
-12.5°	447.7	359.2	271.9	192.7	131.5	99.6	87.9	79.9	72.0	64.4	56.9
-13.75°	392.0	307.4	225.9	158.0	112.7	93.3	84.4	76.6	68.9	61.5	54.1
-15°	333.7	253.6	182.1	127.2	99.1	88.2	80.6	73.0	65.7	58.5	53.1
-16.25°	273.7	202.8	144.8	108.2	92.1	83.9	76.6	69.2	62.2	55.1	52.0
-17.5°	215.3	156.7	114.9	95.1	86.6	79.5	72.3	65.4	58.6	53.2	50.8
-18.75°	162.6	118.9	97.5	88.6	81.7	74.8	68.0	61.4	54.7	51.9	49.5
-20°	120.5	100.1	90.1	83.2	76.6	70.0	63.6	57.2	52.9	50.6	48.3
-21.25°	100.1	90.6	84.0	77.7	71.4	65.2	59.1	53.6	51.4	49.1	47.8



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CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	90.1	84.0	78.1	72.1	66.2	60.3	54.3	52.0	49.9	48.1	47.2
-23.75°	83.2	77.7	72.1	66.5	61.0	55.3	52.5	50.4	48.3	47.5	46.7
-25°	76.6	71.4	66.2	61.0	55.6	52.7	50.7	48.7	47.7	46.9	46.1
-26.25°	70.0	65.2	60.3	55.3	52.7	50.8	48.9	47.8	47.0	46.3	45.8
-27.5°	63.6	59.1	54.3	52.5	50.7	48.9	47.9	47.1	46.4	45.9	45.5
-28.75°	57.2	53.6	52.0	50.4	48.7	47.8	47.1	46.4	45.9	45.6	45.2
-30°	52.9	51.4	49.9	48.3	47.7	47.0	46.4	45.9	45.6	45.2	44.8
-31.25°	50.6	49.1	48.1	47.5	46.9	46.3	45.9	45.6	45.2	44.8	44.4
-32.5°	48.3	47.8	47.2	46.7	46.1	45.8	45.5	45.2	44.8	44.4	44.1
-33.75°	47.4	46.9	46.4	46.0	45.7	45.4	45.1	44.8	44.4	44.0	43.8
-35°	46.5	46.1	45.8	45.6	45.3	45.0	44.7	44.3	44.0	43.8	43.6
-36.25°	45.9	45.6	45.4	45.1	44.8	44.5	44.2	43.9	43.8	43.6	43.5
-37.5°	45.4	45.2	44.9	44.7	44.4	44.1	43.8	43.7	43.6	43.4	43.2
-38.75°	44.9	44.7	44.4	44.2	43.9	43.8	43.7	43.5	43.4	43.1	42.8
-40°	44.4	44.2	43.9	43.8	43.7	43.6	43.5	43.3	43.0	42.7	42.4
-41.25°	43.9	43.8	43.7	43.6	43.5	43.4	43.1	42.8	42.6	42.3	42.1
-42.5°	43.7	43.6	43.5	43.4	43.1	42.9	42.7	42.4	42.2	42.1	41.9
-43.75°	43.4	43.3	43.1	42.9	42.7	42.5	42.3	42.1	42.0	41.9	41.7
-45°	43.0	42.8	42.6	42.4	42.3	42.1	42.0	41.9	41.8	41.5	41.1
-46.25°	42.5	42.4	42.2	42.1	42.0	41.9	41.8	41.6	41.2	40.8	40.5
-47.5°	42.2	42.1	42.0	41.9	41.8	41.6	41.2	40.9	40.5	40.2	39.7
-48.75°	41.9	41.8	41.7	41.4	41.2	40.9	40.5	40.2	39.8	39.2	38.6
-50°	41.5	41.2	41.0	40.7	40.4	40.1	39.7	39.2	38.7	38.1	37.6
-51.25°	40.7	40.5	40.2	39.9	39.5	39.0	38.6	38.1	37.6	37.0	36.5
-52.5°	39.9	39.5	39.1	38.7	38.3	37.9	37.4	36.9	36.4	35.9	35.4
-53.75°	38.6	38.3	37.9	37.5	37.1	36.7	36.2	35.8	35.3	34.8	34.3
-55°	37.3	37.0	36.6	36.3	35.9	35.5	35.1	34.6	34.1	33.7	33.2
-56.25°	36.0	35.7	35.4	35.0	34.7	34.3	33.8	33.4	33.0	32.5	32.0
-57.5°	34.8	34.5	34.1	33.8	33.4	33.0	32.6	32.2	31.8	31.3	30.6
-58.75°	33.4	33.1	32.8	32.5	32.1	31.8	31.3	30.8	30.2	29.7	29.1
-60°	32.1	31.8	31.5	31.1	30.6	30.2	29.7	29.2	28.6	28.1	27.5
-61.25°	30.5	30.1	29.8	29.3	28.9	28.5	28.0	27.5	26.8	26.1	25.4
-62.5°	28.7	28.4	28.0	27.6	27.1	26.5	25.9	25.3	24.7	24.0	23.4
-63.75°	26.7	26.3	25.8	25.3	24.8	24.3	23.7	23.1	22.5	22.1	21.6
-65°	24.3	23.9	23.5	23.0	22.5	22.1	21.7	21.3	20.9	20.4	20.0
-66.25°	22.1	21.8	21.5	21.1	20.8	20.4	20.1	19.7	19.2	18.8	18.4
-67.5°	20.3	20.0	19.7	19.4	19.1	18.7	18.3	18.0	17.6	17.2	16.7
-68.75°	18.5	18.2	17.9	17.6	17.3	17.0	16.6	16.2	15.9	15.5	15.1
-70°	16.6	16.3	16.1	15.8	15.5	15.2	14.9	14.6	14.4	14.2	14.0
-71.25°	14.7	14.5	14.4	14.3	14.1	13.9	13.8	13.6	13.4	13.2	13.0
-72.5°	13.6	13.5	13.4	13.3	13.1	13.0	12.8	12.7	12.5	12.4	12.3
-73.75°	12.6	12.5	12.4	12.3	12.3	12.2	12.1	12.0	12.0	11.9	11.8
-75°	12.0	11.9	11.9	11.8	11.8	11.7	11.6	11.6	11.5	11.4	11.3
-76.25°	11.5	11.4	11.4	11.3	11.3	11.2	11.1	11.0	10.9	10.8	10.7
-77.5°	10.8	10.7	10.6	10.6	10.5	10.4	10.3	10.2	10.1	10.1	10.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	10.0	9.9	9.9	9.8	9.7	9.7	9.6	9.4	9.3	9.2	9.0
-80°	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.8
-81.25°	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7
-82.5°	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7
-83.75°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
-85°	4.2	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.8
-86.25°	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.9
-87.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9
-88.75°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
87.5°	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
86.25°	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4
85°	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
83.75°	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9
82.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7
81.25°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.6	5.5
80°	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7	6.5	6.4	6.2
78.75°	8.9	8.7	8.5	8.4	8.2	8.0	7.8	7.7	7.5	7.3	7.1
77.5°	9.8	9.7	9.6	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.0
76.25°	10.6	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5	9.2	9.0
75°	11.3	11.1	11.0	10.9	10.7	10.6	10.4	10.3	10.1	10.0	9.8
73.75°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.7	10.6	10.4
72.5°	12.2	12.1	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0
71.25°	12.8	12.6	12.4	12.3	12.2	12.1	12.0	11.8	11.7	11.6	11.5
70°	13.7	13.5	13.3	13.1	12.8	12.6	12.4	12.2	12.1	12.0	11.8
68.75°	14.7	14.4	14.2	13.9	13.6	13.4	13.1	12.8	12.6	12.3	12.2
67.5°	16.3	15.8	15.4	14.9	14.5	14.2	13.9	13.6	13.3	13.0	12.7
66.25°	17.9	17.4	16.9	16.4	15.9	15.4	14.8	14.4	14.1	13.8	13.4
65°	19.5	19.0	18.5	17.9	17.4	16.8	16.2	15.6	15.0	14.5	14.2
63.75°	21.1	20.5	20.0	19.4	18.9	18.3	17.7	17.1	16.4	15.8	15.1
62.5°	22.7	22.1	21.5	20.9	20.3	19.7	19.1	18.4	17.8	17.1	16.4
61.25°	24.7	23.9	23.2	22.4	21.8	21.1	20.5	19.8	19.1	18.4	17.7
60°	26.7	25.9	25.1	24.3	23.4	22.5	21.8	21.1	20.4	19.7	19.0
58.75°	28.5	27.8	27.1	26.2	25.3	24.4	23.4	22.5	21.7	21.0	20.2
57.5°	30.0	29.3	28.7	28.0	27.1	26.2	25.2	24.2	23.2	22.2	21.4
56.25°	31.5	30.8	30.1	29.4	28.7	27.9	27.0	25.9	24.9	23.8	22.7
55°	32.6	32.1	31.6	30.8	30.1	29.3	28.5	27.6	26.5	25.4	24.3
53.75°	33.8	33.2	32.6	32.1	31.4	30.6	29.8	28.9	28.0	27.0	25.8
52.5°	34.9	34.3	33.7	33.1	32.5	31.8	31.1	30.2	29.3	28.4	27.4
51.25°	35.9	35.3	34.8	34.1	33.5	32.8	32.2	31.5	30.5	29.6	28.6
50°	37.0	36.4	35.8	35.1	34.5	33.8	33.1	32.4	31.7	30.8	29.8
48.75°	38.0	37.4	36.8	36.1	35.5	34.8	34.1	33.3	32.6	31.8	30.9
47.5°	39.1	38.4	37.8	37.1	36.4	35.7	35.0	34.3	33.5	32.7	31.9
46.25°	40.1	39.4	38.8	38.1	37.4	36.6	35.9	35.1	34.4	33.6	32.7
45°	40.7	40.3	39.7	39.0	38.3	37.5	36.8	36.0	35.2	34.4	33.6
43.75°	41.3	40.9	40.4	40.0	39.2	38.4	37.6	36.8	36.0	35.2	34.4
42.5°	41.8	41.5	41.0	40.5	40.1	39.3	38.5	37.7	36.8	36.0	35.1
41.25°	42.0	41.8	41.6	41.1	40.6	40.1	39.4	38.5	37.6	36.8	35.9
40°	42.2	42.0	41.9	41.7	41.1	40.6	40.1	39.3	38.4	37.5	36.6
38.75°	42.5	42.2	42.1	41.9	41.7	41.1	40.6	40.1	39.2	38.3	37.4
37.5°	42.9	42.5	42.2	42.1	41.9	41.7	41.1	40.5	40.0	39.0	38.1
36.25°	43.2	42.9	42.6	42.2	42.1	41.9	41.6	41.0	40.4	39.7	38.8
35°	43.5	43.2	42.9	42.5	42.2	42.0	41.8	41.5	40.9	40.3	39.4



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	43.6	43.5	43.2	42.9	42.5	42.2	42.0	41.8	41.3	40.7	40.1
32.5°	43.8	43.6	43.5	43.2	42.8	42.4	42.1	41.9	41.7	41.1	40.5
31.25°	44.0	43.8	43.6	43.4	43.1	42.7	42.3	42.1	41.9	41.5	40.8
30°	44.4	44.0	43.8	43.6	43.4	43.0	42.6	42.2	42.0	41.8	41.2
28.75°	44.8	44.3	43.9	43.7	43.5	43.3	42.8	42.4	42.1	41.9	41.6
27.5°	45.1	44.7	44.2	43.8	43.7	43.5	43.1	42.7	42.3	42.0	41.8
26.25°	45.4	45.0	44.5	44.1	43.8	43.6	43.4	42.9	42.5	42.1	41.9
25°	45.7	45.3	44.8	44.4	43.9	43.7	43.5	43.1	42.7	42.3	42.0
23.75°	46.0	45.6	45.1	44.7	44.2	43.8	43.6	43.4	42.9	42.4	42.1
22.5°	46.4	45.8	45.4	44.9	44.4	43.9	43.7	43.5	43.1	42.6	42.2
21.25°	46.9	46.1	45.6	45.2	44.7	44.2	43.8	43.6	43.3	42.8	42.4
20°	47.4	46.5	45.9	45.4	44.9	44.4	43.9	43.7	43.4	43.0	42.5
18.75°	47.9	47.0	46.1	45.6	45.1	44.6	44.1	43.8	43.5	43.2	42.7
17.5°	48.4	47.4	46.4	45.8	45.3	44.8	44.3	43.8	43.6	43.4	42.9
16.25°	49.5	47.8	46.8	46.0	45.5	45.0	44.5	43.9	43.7	43.5	43.0
15°	50.5	48.2	47.2	46.2	45.7	45.2	44.7	44.1	43.7	43.5	43.1
13.75°	51.5	48.9	47.6	46.6	45.9	45.4	44.8	44.3	43.8	43.6	43.3
12.5°	52.4	49.8	47.9	46.9	46.0	45.5	45.0	44.4	43.9	43.6	43.4
11.25°	53.3	50.6	48.2	47.2	46.2	45.6	45.1	44.5	44.0	43.7	43.4
10°	54.0	51.3	48.6	47.4	46.4	45.7	45.2	44.6	44.1	43.7	43.5
8.75°	55.8	52.0	49.2	47.6	46.6	45.9	45.3	44.8	44.2	43.8	43.5
7.5°	57.5	52.5	49.7	47.8	46.8	45.9	45.4	44.8	44.3	43.8	43.6
6.25°	58.9	53.0	50.2	48.0	46.9	46.0	45.5	44.9	44.3	43.8	43.6
5°	60.1	53.4	50.6	48.2	47.1	46.1	45.5	45.0	44.4	43.9	43.6
3.75°	61.1	53.7	50.9	48.3	47.2	46.1	45.6	45.0	44.4	43.9	43.6
2.5°	61.7	53.9	51.1	48.3	47.2	46.2	45.6	45.1	44.5	43.9	43.6
1.25°	62.1	54.1	51.2	48.4	47.3	46.2	45.6	45.1	44.5	43.9	43.6
0°	62.3	54.1	51.3	48.4	47.3	46.2	45.7	45.1	44.5	43.9	43.7
-1.25°	62.1	54.1	51.2	48.4	47.3	46.2	45.6	45.1	44.5	43.9	43.6
-2.5°	61.7	53.9	51.1	48.3	47.2	46.2	45.6	45.1	44.5	43.9	43.6
-3.75°	61.1	53.7	50.9	48.3	47.2	46.1	45.6	45.0	44.4	43.9	43.6
-5°	60.1	53.4	50.6	48.2	47.1	46.1	45.5	45.0	44.4	43.9	43.6
-6.25°	58.9	53.0	50.2	48.0	46.9	46.0	45.5	44.9	44.3	43.8	43.6
-7.5°	57.5	52.5	49.7	47.8	46.8	45.9	45.4	44.8	44.3	43.8	43.6
-8.75°	55.8	52.0	49.2	47.6	46.6	45.9	45.3	44.8	44.2	43.8	43.5
-10°	54.0	51.3	48.6	47.4	46.4	45.7	45.2	44.6	44.1	43.7	43.5
-11.25°	53.3	50.6	48.2	47.2	46.2	45.6	45.1	44.5	44.0	43.7	43.4
-12.5°	52.4	49.8	47.9	46.9	46.0	45.5	45.0	44.4	43.9	43.6	43.4
-13.75°	51.5	48.9	47.6	46.6	45.9	45.4	44.8	44.3	43.8	43.6	43.3
-15°	50.5	48.2	47.2	46.2	45.7	45.2	44.7	44.1	43.7	43.5	43.1
-16.25°	49.5	47.8	46.8	46.0	45.5	45.0	44.5	43.9	43.7	43.5	43.0
-17.5°	48.4	47.4	46.4	45.8	45.3	44.8	44.3	43.8	43.6	43.4	42.9
-18.75°	47.9	47.0	46.1	45.6	45.1	44.6	44.1	43.8	43.5	43.2	42.7
-20°	47.4	46.5	45.9	45.4	44.9	44.4	43.9	43.7	43.4	43.0	42.5
-21.25°	46.9	46.1	45.6	45.2	44.7	44.2	43.8	43.6	43.3	42.8	42.4



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	46.4	45.8	45.4	44.9	44.4	43.9	43.7	43.5	43.1	42.6	42.2
-23.75°	46.0	45.6	45.1	44.7	44.2	43.8	43.6	43.4	42.9	42.4	42.1
-25°	45.7	45.3	44.8	44.4	43.9	43.7	43.5	43.1	42.7	42.3	42.0
-26.25°	45.4	45.0	44.5	44.1	43.8	43.6	43.4	42.9	42.5	42.1	41.9
-27.5°	45.1	44.7	44.2	43.8	43.7	43.5	43.1	42.7	42.3	42.0	41.8
-28.75°	44.8	44.3	43.9	43.7	43.5	43.3	42.8	42.4	42.1	41.9	41.6
-30°	44.4	44.0	43.8	43.6	43.4	43.0	42.6	42.2	42.0	41.8	41.2
-31.25°	44.0	43.8	43.6	43.4	43.1	42.7	42.3	42.1	41.9	41.5	40.8
-32.5°	43.8	43.6	43.5	43.2	42.8	42.4	42.1	41.9	41.7	41.1	40.5
-33.75°	43.6	43.5	43.2	42.9	42.5	42.2	42.0	41.8	41.3	40.7	40.1
-35°	43.5	43.2	42.9	42.5	42.2	42.0	41.8	41.5	40.9	40.3	39.4
-36.25°	43.2	42.9	42.6	42.2	42.1	41.9	41.6	41.0	40.4	39.7	38.8
-37.5°	42.9	42.5	42.2	42.1	41.9	41.7	41.1	40.5	40.0	39.0	38.1
-38.75°	42.5	42.2	42.1	41.9	41.7	41.1	40.6	40.1	39.2	38.3	37.4
-40°	42.2	42.0	41.9	41.7	41.1	40.6	40.1	39.3	38.4	37.5	36.6
-41.25°	42.0	41.8	41.6	41.1	40.6	40.1	39.4	38.5	37.6	36.8	35.9
-42.5°	41.8	41.5	41.0	40.5	40.1	39.3	38.5	37.7	36.8	36.0	35.1
-43.75°	41.3	40.9	40.4	40.0	39.2	38.4	37.6	36.8	36.0	35.2	34.4
-45°	40.7	40.3	39.7	39.0	38.3	37.5	36.8	36.0	35.2	34.4	33.6
-46.25°	40.1	39.4	38.8	38.1	37.4	36.6	35.9	35.1	34.4	33.6	32.7
-47.5°	39.1	38.4	37.8	37.1	36.4	35.7	35.0	34.3	33.5	32.7	31.9
-48.75°	38.0	37.4	36.8	36.1	35.5	34.8	34.1	33.3	32.6	31.8	30.9
-50°	37.0	36.4	35.8	35.1	34.5	33.8	33.1	32.4	31.7	30.8	29.8
-51.25°	35.9	35.3	34.8	34.1	33.5	32.8	32.2	31.5	30.5	29.6	28.6
-52.5°	34.9	34.3	33.7	33.1	32.5	31.8	31.1	30.2	29.3	28.4	27.4
-53.75°	33.8	33.2	32.6	32.1	31.4	30.6	29.8	28.9	28.0	27.0	25.8
-55°	32.6	32.1	31.6	30.8	30.1	29.3	28.5	27.6	26.5	25.4	24.3
-56.25°	31.5	30.8	30.1	29.4	28.7	27.9	27.0	25.9	24.9	23.8	22.7
-57.5°	30.0	29.3	28.7	28.0	27.1	26.2	25.2	24.2	23.2	22.2	21.4
-58.75°	28.5	27.8	27.1	26.2	25.3	24.4	23.4	22.5	21.7	21.0	20.2
-60°	26.7	25.9	25.1	24.3	23.4	22.5	21.8	21.1	20.4	19.7	19.0
-61.25°	24.7	23.9	23.2	22.4	21.8	21.1	20.5	19.8	19.1	18.4	17.7
-62.5°	22.7	22.1	21.5	20.9	20.3	19.7	19.1	18.4	17.8	17.1	16.4
-63.75°	21.1	20.5	20.0	19.4	18.9	18.3	17.7	17.1	16.4	15.8	15.1
-65°	19.5	19.0	18.5	17.9	17.4	16.8	16.2	15.6	15.0	14.5	14.2
-66.25°	17.9	17.4	16.9	16.4	15.9	15.4	14.8	14.4	14.1	13.8	13.4
-67.5°	16.3	15.8	15.4	14.9	14.5	14.2	13.9	13.6	13.3	13.0	12.7
-68.75°	14.7	14.4	14.2	13.9	13.6	13.4	13.1	12.8	12.6	12.3	12.2
-70°	13.7	13.5	13.3	13.1	12.8	12.6	12.4	12.2	12.1	12.0	11.8
-71.25°	12.8	12.6	12.4	12.3	12.2	12.1	12.0	11.8	11.7	11.6	11.5
-72.5°	12.2	12.1	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0
-73.75°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.7	10.6	10.4
-75°	11.3	11.1	11.0	10.9	10.7	10.6	10.4	10.3	10.1	10.0	9.8
-76.25°	10.6	10.4	10.3	10.2	10.1	9.9	9.8	9.7	9.5	9.2	9.0
-77.5°	9.8	9.7	9.6	9.5	9.3	9.1	8.9	8.7	8.5	8.3	8.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	8.9	8.7	8.5	8.4	8.2	8.0	7.8	7.7	7.5	7.3	7.1
-80°	7.7	7.6	7.4	7.3	7.1	7.0	6.8	6.7	6.5	6.4	6.2
-81.25°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.6	5.5
-82.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7
-83.75°	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.0	3.9
-85°	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.3	3.3	3.2	3.1
-86.25°	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.4
-87.5°	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6
-88.75°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
87.5°	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
86.25°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7
85°	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3
83.75°	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.1	2.9	2.8
82.5°	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4
81.25°	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
80°	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
78.75°	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1
77.5°	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6
76.25°	8.7	8.5	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.4	6.2
75°	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.0	6.7
73.75°	10.2	10.0	9.8	9.7	9.4	9.1	8.7	8.4	8.1	7.7	7.4
72.5°	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.2	8.8	8.5	8.1
71.25°	11.3	11.1	10.9	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.8
70°	11.7	11.5	11.4	11.2	11.0	10.7	10.5	10.2	10.0	9.7	9.4
68.75°	12.0	11.9	11.7	11.6	11.4	11.2	11.0	10.7	10.4	10.2	9.9
67.5°	12.4	12.2	12.1	11.9	11.7	11.6	11.4	11.1	10.9	10.6	10.3
66.25°	13.1	12.8	12.4	12.2	12.0	11.9	11.7	11.5	11.3	11.0	10.7
65°	13.8	13.4	13.1	12.7	12.4	12.2	12.0	11.8	11.6	11.4	11.1
63.75°	14.5	14.1	13.7	13.3	12.9	12.5	12.3	12.1	11.8	11.6	11.4
62.5°	15.7	15.0	14.4	14.0	13.6	13.1	12.7	12.3	12.1	11.9	11.7
61.25°	16.9	16.2	15.4	14.6	14.2	13.7	13.3	12.8	12.4	12.2	11.9
60°	18.2	17.4	16.6	15.8	15.0	14.3	13.9	13.4	12.9	12.4	12.2
58.75°	19.4	18.6	17.8	16.9	16.1	15.2	14.4	13.9	13.4	12.9	12.4
57.5°	20.6	19.8	18.9	18.0	17.1	16.2	15.3	14.5	14.0	13.4	12.9
56.25°	21.8	20.9	20.0	19.1	18.2	17.3	16.3	15.4	14.5	13.9	13.4
55°	23.1	22.1	21.2	20.2	19.3	18.3	17.3	16.3	15.3	14.4	13.9
53.75°	24.6	23.4	22.2	21.3	20.3	19.3	18.3	17.3	16.2	15.2	14.3
52.5°	26.1	24.9	23.6	22.3	21.3	20.3	19.3	18.2	17.1	16.1	15.0
51.25°	27.6	26.3	25.0	23.7	22.3	21.3	20.2	19.1	18.0	16.9	15.8
50°	28.8	27.7	26.4	25.0	23.6	22.2	21.2	20.0	18.9	17.8	16.6
48.75°	29.9	28.8	27.7	26.3	24.9	23.4	22.1	20.9	19.8	18.6	17.4
47.5°	31.0	29.9	28.8	27.6	26.1	24.6	23.1	21.8	20.6	19.4	18.2
46.25°	31.9	30.9	29.8	28.6	27.4	25.8	24.3	22.7	21.4	20.2	19.0
45°	32.7	31.8	30.8	29.6	28.4	27.0	25.4	23.8	22.2	21.0	19.7
43.75°	33.5	32.6	31.7	30.5	29.3	28.0	26.5	24.9	23.2	21.7	20.4
42.5°	34.3	33.3	32.4	31.5	30.2	28.9	27.6	25.9	24.2	22.5	21.1
41.25°	35.0	34.1	33.1	32.2	31.1	29.8	28.5	27.0	25.2	23.4	21.8
40°	35.7	34.8	33.8	32.8	31.8	30.6	29.3	27.9	26.2	24.4	22.5
38.75°	36.4	35.5	34.5	33.5	32.5	31.4	30.1	28.7	27.1	25.3	23.4
37.5°	37.1	36.1	35.1	34.1	33.1	32.1	30.8	29.4	28.0	26.2	24.3
36.25°	37.8	36.8	35.8	34.8	33.7	32.6	31.6	30.1	28.7	27.1	25.1
35°	38.4	37.4	36.4	35.3	34.3	33.2	32.1	30.8	29.3	27.8	25.9



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	39.1	38.0	37.0	35.9	34.9	33.8	32.6	31.5	30.0	28.5	26.7
32.5°	39.7	38.6	37.6	36.5	35.4	34.3	33.2	32.0	30.6	29.1	27.5
31.25°	40.2	39.2	38.1	37.0	35.9	34.8	33.7	32.5	31.3	29.7	28.1
30°	40.5	39.8	38.7	37.6	36.4	35.3	34.1	33.0	31.8	30.2	28.6
28.75°	40.9	40.2	39.2	38.1	36.9	35.8	34.6	33.4	32.2	30.8	29.2
27.5°	41.2	40.5	39.7	38.6	37.4	36.2	35.1	33.8	32.6	31.3	29.7
26.25°	41.6	40.9	40.1	39.0	37.9	36.7	35.5	34.3	33.0	31.8	30.2
25°	41.8	41.2	40.4	39.5	38.3	37.1	35.9	34.7	33.4	32.1	30.6
23.75°	41.9	41.4	40.7	39.9	38.7	37.5	36.3	35.0	33.8	32.5	31.1
22.5°	42.0	41.7	41.0	40.2	39.1	37.9	36.6	35.4	34.1	32.8	31.5
21.25°	42.1	41.8	41.2	40.5	39.5	38.3	37.0	35.7	34.5	33.1	31.8
20°	42.2	41.9	41.5	40.7	39.9	38.6	37.3	36.0	34.8	33.4	32.1
18.75°	42.2	42.0	41.7	40.9	40.1	38.9	37.6	36.4	35.1	33.7	32.4
17.5°	42.4	42.1	41.8	41.1	40.3	39.2	37.9	36.6	35.3	34.0	32.6
16.25°	42.5	42.1	41.8	41.3	40.5	39.5	38.2	36.9	35.6	34.3	32.9
15°	42.6	42.2	41.9	41.5	40.7	39.8	38.5	37.1	35.8	34.5	33.1
13.75°	42.7	42.3	42.0	41.7	40.9	40.0	38.7	37.4	36.0	34.7	33.3
12.5°	42.9	42.3	42.0	41.7	41.0	40.2	38.9	37.6	36.2	34.9	33.5
11.25°	43.0	42.4	42.1	41.8	41.1	40.3	39.1	37.8	36.4	35.1	33.7
10°	43.1	42.5	42.1	41.8	41.2	40.4	39.3	38.0	36.6	35.2	33.8
8.75°	43.1	42.6	42.2	41.9	41.4	40.5	39.5	38.1	36.7	35.3	34.0
7.5°	43.2	42.7	42.2	41.9	41.4	40.6	39.6	38.2	36.9	35.5	34.1
6.25°	43.3	42.7	42.2	41.9	41.5	40.7	39.7	38.3	37.0	35.6	34.2
5°	43.3	42.8	42.3	42.0	41.6	40.7	39.8	38.4	37.0	35.7	34.3
3.75°	43.4	42.8	42.3	42.0	41.6	40.8	39.9	38.5	37.1	35.7	34.3
2.5°	43.4	42.8	42.3	42.0	41.7	40.8	40.0	38.6	37.2	35.8	34.4
1.25°	43.4	42.8	42.3	42.0	41.7	40.8	40.0	38.6	37.2	35.8	34.4
0°	43.4	42.9	42.3	42.0	41.7	40.9	40.0	38.6	37.2	35.8	34.4
-1.25°	43.4	42.8	42.3	42.0	41.7	40.8	40.0	38.6	37.2	35.8	34.4
-2.5°	43.4	42.8	42.3	42.0	41.7	40.8	40.0	38.6	37.2	35.8	34.4
-3.75°	43.4	42.8	42.3	42.0	41.6	40.8	39.9	38.5	37.1	35.7	34.3
-5°	43.3	42.8	42.3	42.0	41.6	40.7	39.8	38.4	37.0	35.7	34.3
-6.25°	43.3	42.7	42.2	41.9	41.5	40.7	39.7	38.3	37.0	35.6	34.2
-7.5°	43.2	42.7	42.2	41.9	41.4	40.6	39.6	38.2	36.9	35.5	34.1
-8.75°	43.1	42.6	42.2	41.9	41.4	40.5	39.5	38.1	36.7	35.3	34.0
-10°	43.1	42.5	42.1	41.8	41.2	40.4	39.3	38.0	36.6	35.2	33.8
-11.25°	43.0	42.4	42.1	41.8	41.1	40.3	39.1	37.8	36.4	35.1	33.7
-12.5°	42.9	42.3	42.0	41.7	41.0	40.2	38.9	37.6	36.2	34.9	33.5
-13.75°	42.7	42.3	42.0	41.7	40.9	40.0	38.7	37.4	36.0	34.7	33.3
-15°	42.6	42.2	41.9	41.5	40.7	39.8	38.5	37.1	35.8	34.5	33.1
-16.25°	42.5	42.1	41.8	41.3	40.5	39.5	38.2	36.9	35.6	34.3	32.9
-17.5°	42.4	42.1	41.8	41.1	40.3	39.2	37.9	36.6	35.3	34.0	32.6
-18.75°	42.2	42.0	41.7	40.9	40.1	38.9	37.6	36.4	35.1	33.7	32.4
-20°	42.2	41.9	41.5	40.7	39.9	38.6	37.3	36.0	34.8	33.4	32.1
-21.25°	42.1	41.8	41.2	40.5	39.5	38.3	37.0	35.7	34.5	33.1	31.8



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	42.0	41.7	41.0	40.2	39.1	37.9	36.6	35.4	34.1	32.8	31.5
-23.75°	41.9	41.4	40.7	39.9	38.7	37.5	36.3	35.0	33.8	32.5	31.1
-25°	41.8	41.2	40.4	39.5	38.3	37.1	35.9	34.7	33.4	32.1	30.6
-26.25°	41.6	40.9	40.1	39.0	37.9	36.7	35.5	34.3	33.0	31.8	30.2
-27.5°	41.2	40.5	39.7	38.6	37.4	36.2	35.1	33.8	32.6	31.3	29.7
-28.75°	40.9	40.2	39.2	38.1	36.9	35.8	34.6	33.4	32.2	30.8	29.2
-30°	40.5	39.8	38.7	37.6	36.4	35.3	34.1	33.0	31.8	30.2	28.6
-31.25°	40.2	39.2	38.1	37.0	35.9	34.8	33.7	32.5	31.3	29.7	28.1
-32.5°	39.7	38.6	37.6	36.5	35.4	34.3	33.2	32.0	30.6	29.1	27.5
-33.75°	39.1	38.0	37.0	35.9	34.9	33.8	32.6	31.5	30.0	28.5	26.7
-35°	38.4	37.4	36.4	35.3	34.3	33.2	32.1	30.8	29.3	27.8	25.9
-36.25°	37.8	36.8	35.8	34.8	33.7	32.6	31.6	30.1	28.7	27.1	25.1
-37.5°	37.1	36.1	35.1	34.1	33.1	32.1	30.8	29.4	28.0	26.2	24.3
-38.75°	36.4	35.5	34.5	33.5	32.5	31.4	30.1	28.7	27.1	25.3	23.4
-40°	35.7	34.8	33.8	32.8	31.8	30.6	29.3	27.9	26.2	24.4	22.5
-41.25°	35.0	34.1	33.1	32.2	31.1	29.8	28.5	27.0	25.2	23.4	21.8
-42.5°	34.3	33.3	32.4	31.5	30.2	28.9	27.6	25.9	24.2	22.5	21.1
-43.75°	33.5	32.6	31.7	30.5	29.3	28.0	26.5	24.9	23.2	21.7	20.4
-45°	32.7	31.8	30.8	29.6	28.4	27.0	25.4	23.8	22.2	21.0	19.7
-46.25°	31.9	30.9	29.8	28.6	27.4	25.8	24.3	22.7	21.4	20.2	19.0
-47.5°	31.0	29.9	28.8	27.6	26.1	24.6	23.1	21.8	20.6	19.4	18.2
-48.75°	29.9	28.8	27.7	26.3	24.9	23.4	22.1	20.9	19.8	18.6	17.4
-50°	28.8	27.7	26.4	25.0	23.6	22.2	21.2	20.0	18.9	17.8	16.6
-51.25°	27.6	26.3	25.0	23.7	22.3	21.3	20.2	19.1	18.0	16.9	15.8
-52.5°	26.1	24.9	23.6	22.3	21.3	20.3	19.3	18.2	17.1	16.1	15.0
-53.75°	24.6	23.4	22.2	21.3	20.3	19.3	18.3	17.3	16.2	15.2	14.3
-55°	23.1	22.1	21.2	20.2	19.3	18.3	17.3	16.3	15.3	14.4	13.9
-56.25°	21.8	20.9	20.0	19.1	18.2	17.3	16.3	15.4	14.5	13.9	13.4
-57.5°	20.6	19.8	18.9	18.0	17.1	16.2	15.3	14.5	14.0	13.4	12.9
-58.75°	19.4	18.6	17.8	16.9	16.1	15.2	14.4	13.9	13.4	12.9	12.4
-60°	18.2	17.4	16.6	15.8	15.0	14.3	13.9	13.4	12.9	12.4	12.2
-61.25°	16.9	16.2	15.4	14.6	14.2	13.7	13.3	12.8	12.4	12.2	11.9
-62.5°	15.7	15.0	14.4	14.0	13.6	13.1	12.7	12.3	12.1	11.9	11.7
-63.75°	14.5	14.1	13.7	13.3	12.9	12.5	12.3	12.1	11.8	11.6	11.4
-65°	13.8	13.4	13.1	12.7	12.4	12.2	12.0	11.8	11.6	11.4	11.1
-66.25°	13.1	12.8	12.4	12.2	12.0	11.9	11.7	11.5	11.3	11.0	10.7
-67.5°	12.4	12.2	12.1	11.9	11.7	11.6	11.4	11.1	10.9	10.6	10.3
-68.75°	12.0	11.9	11.7	11.6	11.4	11.2	11.0	10.7	10.4	10.2	9.9
-70°	11.7	11.5	11.4	11.2	11.0	10.7	10.5	10.2	10.0	9.7	9.4
-71.25°	11.3	11.1	10.9	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.8
-72.5°	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.2	8.8	8.5	8.1
-73.75°	10.2	10.0	9.8	9.7	9.4	9.1	8.7	8.4	8.1	7.7	7.4
-75°	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.0	6.7
-76.25°	8.7	8.5	8.2	8.0	7.7	7.4	7.2	6.9	6.7	6.4	6.2
-77.5°	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6



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CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1
-80°	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
-81.25°	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
-82.5°	4.6	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4
-83.75°	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.1	2.9	2.8
-85°	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.5	2.4	2.3
-86.25°	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.7
-87.5°	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.1
-88.75°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3
87.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
86.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0
85°	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3
83.75°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.8	1.7	1.6
82.5°	3.3	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9
81.25°	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.2
80°	4.3	4.1	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.6
78.75°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9
77.5°	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.2
76.25°	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.2	4.0	3.7	3.5
75°	6.5	6.2	5.9	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.8
73.75°	7.1	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.6	4.3	4.1
72.5°	7.7	7.3	7.0	6.6	6.3	6.0	5.7	5.3	5.0	4.7	4.3
71.25°	8.4	8.0	7.6	7.1	6.7	6.4	6.1	5.7	5.4	5.0	4.6
70°	9.0	8.6	8.1	7.7	7.3	6.8	6.5	6.1	5.7	5.3	5.0
68.75°	9.6	9.2	8.7	8.3	7.8	7.3	6.9	6.5	6.1	5.7	5.3
67.5°	10.0	9.7	9.3	8.8	8.3	7.8	7.3	6.8	6.4	6.0	5.6
66.25°	10.4	10.1	9.8	9.4	8.9	8.3	7.8	7.3	6.7	6.3	5.9
65°	10.8	10.5	10.1	9.8	9.4	8.8	8.3	7.7	7.1	6.6	6.1
63.75°	11.2	10.8	10.5	10.1	9.8	9.3	8.7	8.1	7.6	7.0	6.4
62.5°	11.4	11.2	10.8	10.5	10.1	9.7	9.2	8.6	8.0	7.3	6.7
61.25°	11.7	11.4	11.2	10.8	10.4	10.0	9.6	9.0	8.4	7.7	7.1
60°	11.9	11.7	11.4	11.1	10.7	10.3	9.9	9.4	8.8	8.1	7.4
58.75°	12.2	11.9	11.6	11.4	11.0	10.6	10.2	9.7	9.2	8.5	7.7
57.5°	12.4	12.1	11.8	11.6	11.3	10.9	10.4	10.0	9.5	8.8	8.1
56.25°	12.8	12.3	12.1	11.8	11.5	11.1	10.7	10.2	9.8	9.2	8.4
55°	13.3	12.7	12.3	12.0	11.7	11.4	11.0	10.5	10.0	9.5	8.7
53.75°	13.7	13.1	12.5	12.2	11.9	11.6	11.2	10.7	10.3	9.8	9.1
52.5°	14.2	13.6	12.9	12.4	12.0	11.7	11.4	11.0	10.5	10.0	9.4
51.25°	14.6	14.0	13.3	12.7	12.2	11.9	11.6	11.2	10.7	10.2	9.7
50°	15.4	14.4	13.7	13.1	12.4	12.1	11.7	11.4	10.9	10.4	9.8
48.75°	16.2	15.0	14.1	13.4	12.8	12.2	11.9	11.5	11.1	10.6	10.0
47.5°	16.9	15.7	14.5	13.8	13.1	12.4	12.0	11.7	11.3	10.8	10.2
46.25°	17.7	16.4	15.1	14.2	13.4	12.7	12.2	11.8	11.5	11.0	10.4
45°	18.4	17.1	15.8	14.5	13.8	13.0	12.3	12.0	11.6	11.1	10.6
43.75°	19.1	17.8	16.4	15.0	14.1	13.3	12.6	12.1	11.7	11.3	10.7
42.5°	19.8	18.4	17.1	15.6	14.4	13.6	12.8	12.2	11.8	11.4	10.9
41.25°	20.5	19.1	17.7	16.2	14.8	13.9	13.1	12.4	12.0	11.5	11.1
40°	21.1	19.7	18.3	16.8	15.4	14.2	13.4	12.6	12.1	11.7	11.2
38.75°	21.8	20.3	18.9	17.4	15.9	14.5	13.6	12.8	12.2	11.8	11.3
37.5°	22.4	20.9	19.4	17.9	16.4	14.9	13.9	13.1	12.3	11.9	11.4
36.25°	23.2	21.5	20.0	18.5	16.9	15.4	14.2	13.3	12.4	12.0	11.5
35°	23.9	22.1	20.5	19.0	17.4	15.8	14.4	13.5	12.6	12.1	11.6



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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°	24.7	22.7	21.1	19.5	17.9	16.3	14.7	13.7	12.8	12.2	11.7
32.5°	25.4	23.4	21.6	20.0	18.4	16.7	15.1	14.0	13.0	12.3	11.8
31.25°	26.1	24.0	22.1	20.4	18.8	17.2	15.5	14.2	13.2	12.4	11.9
30°	26.8	24.7	22.5	20.9	19.2	17.6	15.9	14.4	13.4	12.5	12.0
28.75°	27.5	25.3	23.1	21.3	19.7	18.0	16.2	14.6	13.6	12.7	12.0
27.5°	28.0	25.9	23.7	21.7	20.1	18.3	16.6	14.9	13.8	12.8	12.1
26.25°	28.5	26.5	24.3	22.1	20.4	18.7	17.0	15.2	13.9	13.0	12.2
25°	28.9	27.1	24.8	22.5	20.8	19.1	17.3	15.5	14.1	13.1	12.3
23.75°	29.3	27.6	25.3	23.0	21.1	19.4	17.6	15.8	14.3	13.3	12.3
22.5°	29.8	28.0	25.8	23.5	21.5	19.7	17.9	16.1	14.4	13.4	12.4
21.25°	30.1	28.4	26.3	23.9	21.8	20.0	18.2	16.3	14.5	13.5	12.5
20°	30.5	28.7	26.7	24.3	22.1	20.3	18.5	16.6	14.7	13.6	12.6
18.75°	30.9	29.0	27.1	24.7	22.4	20.5	18.7	16.8	15.0	13.8	12.7
17.5°	31.2	29.4	27.5	25.1	22.7	20.8	18.9	17.1	15.2	13.9	12.8
16.25°	31.5	29.7	27.8	25.4	23.0	21.0	19.2	17.3	15.4	14.0	12.9
15°	31.7	29.9	28.1	25.7	23.3	21.2	19.4	17.5	15.5	14.1	13.0
13.75°	31.9	30.2	28.3	26.0	23.6	21.4	19.6	17.6	15.7	14.1	13.1
12.5°	32.1	30.4	28.5	26.3	23.8	21.6	19.7	17.8	15.9	14.2	13.2
11.25°	32.3	30.6	28.7	26.6	24.1	21.8	19.9	18.0	16.0	14.3	13.2
10°	32.4	30.8	28.9	26.8	24.3	21.9	20.0	18.1	16.1	14.4	13.3
8.75°	32.5	31.0	29.0	27.0	24.5	22.1	20.1	18.2	16.2	14.4	13.3
7.5°	32.6	31.1	29.2	27.1	24.6	22.2	20.3	18.3	16.3	14.5	13.4
6.25°	32.7	31.2	29.3	27.3	24.7	22.3	20.3	18.4	16.4	14.5	13.4
5°	32.8	31.3	29.4	27.4	24.9	22.4	20.4	18.5	16.5	14.5	13.4
3.75°	32.9	31.4	29.5	27.5	24.9	22.4	20.5	18.5	16.5	14.6	13.5
2.5°	32.9	31.5	29.5	27.5	25.0	22.5	20.5	18.6	16.6	14.6	13.5
1.25°	32.9	31.5	29.5	27.6	25.0	22.5	20.5	18.6	16.6	14.6	13.5
0°	33.0	31.5	29.6	27.6	25.1	22.5	20.6	18.6	16.6	14.6	13.5
-1.25°	32.9	31.5	29.5	27.6	25.0	22.5	20.5	18.6	16.6	14.6	13.5
-2.5°	32.9	31.5	29.5	27.5	25.0	22.5	20.5	18.6	16.6	14.6	13.5
-3.75°	32.9	31.4	29.5	27.5	24.9	22.4	20.5	18.5	16.5	14.6	13.5
-5°	32.8	31.3	29.4	27.4	24.9	22.4	20.4	18.5	16.5	14.5	13.4
-6.25°	32.7	31.2	29.3	27.3	24.7	22.3	20.3	18.4	16.4	14.5	13.4
-7.5°	32.6	31.1	29.2	27.1	24.6	22.2	20.3	18.3	16.3	14.5	13.4
-8.75°	32.5	31.0	29.0	27.0	24.5	22.1	20.1	18.2	16.2	14.4	13.3
-10°	32.4	30.8	28.9	26.8	24.3	21.9	20.0	18.1	16.1	14.4	13.3
-11.25°	32.3	30.6	28.7	26.6	24.1	21.8	19.9	18.0	16.0	14.3	13.2
-12.5°	32.1	30.4	28.5	26.3	23.8	21.6	19.7	17.8	15.9	14.2	13.2
-13.75°	31.9	30.2	28.3	26.0	23.6	21.4	19.6	17.6	15.7	14.1	13.1
-15°	31.7	29.9	28.1	25.7	23.3	21.2	19.4	17.5	15.5	14.1	13.0
-16.25°	31.5	29.7	27.8	25.4	23.0	21.0	19.2	17.3	15.4	14.0	12.9
-17.5°	31.2	29.4	27.5	25.1	22.7	20.8	18.9	17.1	15.2	13.9	12.8
-18.75°	30.9	29.0	27.1	24.7	22.4	20.5	18.7	16.8	15.0	13.8	12.7
-20°	30.5	28.7	26.7	24.3	22.1	20.3	18.5	16.6	14.7	13.6	12.6
-21.25°	30.1	28.4	26.3	23.9	21.8	20.0	18.2	16.3	14.5	13.5	12.5



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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°	29.8	28.0	25.8	23.5	21.5	19.7	17.9	16.1	14.4	13.4	12.4
-23.75°	29.3	27.6	25.3	23.0	21.1	19.4	17.6	15.8	14.3	13.3	12.3
-25°	28.9	27.1	24.8	22.5	20.8	19.1	17.3	15.5	14.1	13.1	12.3
-26.25°	28.5	26.5	24.3	22.1	20.4	18.7	17.0	15.2	13.9	13.0	12.2
-27.5°	28.0	25.9	23.7	21.7	20.1	18.3	16.6	14.9	13.8	12.8	12.1
-28.75°	27.5	25.3	23.1	21.3	19.7	18.0	16.2	14.6	13.6	12.7	12.0
-30°	26.8	24.7	22.5	20.9	19.2	17.6	15.9	14.4	13.4	12.5	12.0
-31.25°	26.1	24.0	22.1	20.4	18.8	17.2	15.5	14.2	13.2	12.4	11.9
-32.5°	25.4	23.4	21.6	20.0	18.4	16.7	15.1	14.0	13.0	12.3	11.8
-33.75°	24.7	22.7	21.1	19.5	17.9	16.3	14.7	13.7	12.8	12.2	11.7
-35°	23.9	22.1	20.5	19.0	17.4	15.8	14.4	13.5	12.6	12.1	11.6
-36.25°	23.2	21.5	20.0	18.5	16.9	15.4	14.2	13.3	12.4	12.0	11.5
-37.5°	22.4	20.9	19.4	17.9	16.4	14.9	13.9	13.1	12.3	11.9	11.4
-38.75°	21.8	20.3	18.9	17.4	15.9	14.5	13.6	12.8	12.2	11.8	11.3
-40°	21.1	19.7	18.3	16.8	15.4	14.2	13.4	12.6	12.1	11.7	11.2
-41.25°	20.5	19.1	17.7	16.2	14.8	13.9	13.1	12.4	12.0	11.5	11.1
-42.5°	19.8	18.4	17.1	15.6	14.4	13.6	12.8	12.2	11.8	11.4	10.9
-43.75°	19.1	17.8	16.4	15.0	14.1	13.3	12.6	12.1	11.7	11.3	10.7
-45°	18.4	17.1	15.8	14.5	13.8	13.0	12.3	12.0	11.6	11.1	10.6
-46.25°	17.7	16.4	15.1	14.2	13.4	12.7	12.2	11.8	11.5	11.0	10.4
-47.5°	16.9	15.7	14.5	13.8	13.1	12.4	12.0	11.7	11.3	10.8	10.2
-48.75°	16.2	15.0	14.1	13.4	12.8	12.2	11.9	11.5	11.1	10.6	10.0
-50°	15.4	14.4	13.7	13.1	12.4	12.1	11.7	11.4	10.9	10.4	9.8
-51.25°	14.6	14.0	13.3	12.7	12.2	11.9	11.6	11.2	10.7	10.2	9.7
-52.5°	14.2	13.6	12.9	12.4	12.0	11.7	11.4	11.0	10.5	10.0	9.4
-53.75°	13.7	13.1	12.5	12.2	11.9	11.6	11.2	10.7	10.3	9.8	9.1
-55°	13.3	12.7	12.3	12.0	11.7	11.4	11.0	10.5	10.0	9.5	8.7
-56.25°	12.8	12.3	12.1	11.8	11.5	11.1	10.7	10.2	9.8	9.2	8.4
-57.5°	12.4	12.1	11.8	11.6	11.3	10.9	10.4	10.0	9.5	8.8	8.1
-58.75°	12.2	11.9	11.6	11.4	11.0	10.6	10.2	9.7	9.2	8.5	7.7
-60°	11.9	11.7	11.4	11.1	10.7	10.3	9.9	9.4	8.8	8.1	7.4
-61.25°	11.7	11.4	11.2	10.8	10.4	10.0	9.6	9.0	8.4	7.7	7.1
-62.5°	11.4	11.2	10.8	10.5	10.1	9.7	9.2	8.6	8.0	7.3	6.7
-63.75°	11.2	10.8	10.5	10.1	9.8	9.3	8.7	8.1	7.6	7.0	6.4
-65°	10.8	10.5	10.1	9.8	9.4	8.8	8.3	7.7	7.1	6.6	6.1
-66.25°	10.4	10.1	9.8	9.4	8.9	8.3	7.8	7.3	6.7	6.3	5.9
-67.5°	10.0	9.7	9.3	8.8	8.3	7.8	7.3	6.8	6.4	6.0	5.6
-68.75°	9.6	9.2	8.7	8.3	7.8	7.3	6.9	6.5	6.1	5.7	5.3
-70°	9.0	8.6	8.1	7.7	7.3	6.8	6.5	6.1	5.7	5.3	5.0
-71.25°	8.4	8.0	7.6	7.1	6.7	6.4	6.1	5.7	5.4	5.0	4.6
-72.5°	7.7	7.3	7.0	6.6	6.3	6.0	5.7	5.3	5.0	4.7	4.3
-73.75°	7.1	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.6	4.3	4.1
-75°	6.5	6.2	5.9	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.8
-76.25°	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.2	4.0	3.7	3.5
-77.5°	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.2



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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°	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9
-80°	4.3	4.1	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.6
-81.25°	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.4	2.2
-82.5°	3.3	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9
-83.75°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.8	1.7	1.6
-85°	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-86.25°	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-87.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6
-88.75°	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
87.5°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1
86.25°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2
85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
83.75°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3
82.5°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
81.25°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
80°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
78.75°	2.6	2.4	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4
77.5°	2.9	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
76.25°	3.2	2.9	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
75°	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
73.75°	3.8	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6
72.5°	4.0	3.7	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.7
71.25°	4.3	4.0	3.6	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.7
70°	4.6	4.2	3.8	3.5	3.1	2.7	2.4	2.0	1.6	1.2	0.8
68.75°	4.9	4.4	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
67.5°	5.1	4.7	4.3	3.9	3.5	3.0	2.6	2.2	1.8	1.3	0.9
66.25°	5.4	5.0	4.5	4.1	3.6	3.2	2.8	2.3	1.9	1.4	0.9
65°	5.7	5.2	4.7	4.3	3.8	3.3	2.9	2.4	1.9	1.5	1.0
63.75°	5.9	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
62.5°	6.2	5.7	5.2	4.7	4.1	3.6	3.1	2.6	2.1	1.6	1.1
61.25°	6.5	5.9	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.7	1.1
60°	6.7	6.2	5.6	5.1	4.5	3.9	3.4	2.8	2.3	1.7	1.1
58.75°	7.0	6.4	5.8	5.2	4.7	4.1	3.5	2.9	2.4	1.8	1.2
57.5°	7.4	6.7	6.0	5.4	4.8	4.2	3.6	3.1	2.5	1.9	1.2
56.25°	7.7	6.9	6.3	5.6	5.0	4.4	3.8	3.2	2.5	1.9	1.3
55°	8.0	7.2	6.5	5.8	5.2	4.5	3.9	3.3	2.6	2.0	1.3
53.75°	8.3	7.4	6.7	6.0	5.3	4.6	4.0	3.3	2.7	2.0	1.4
52.5°	8.6	7.7	6.9	6.2	5.5	4.8	4.1	3.4	2.8	2.1	1.4
51.25°	8.8	8.0	7.1	6.4	5.6	4.9	4.2	3.5	2.9	2.2	1.4
50°	9.1	8.2	7.4	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.5
48.75°	9.4	8.5	7.6	6.7	5.9	5.2	4.4	3.7	3.0	2.3	1.5
47.5°	9.6	8.7	7.8	6.9	6.1	5.3	4.6	3.8	3.1	2.3	1.6
46.25°	9.8	9.0	8.0	7.1	6.2	5.5	4.7	3.9	3.1	2.4	1.6
45°	10.0	9.2	8.3	7.3	6.4	5.6	4.8	4.0	3.2	2.4	1.6
43.75°	10.1	9.5	8.5	7.5	6.5	5.7	4.9	4.1	3.3	2.5	1.7
42.5°	10.3	9.7	8.7	7.7	6.7	5.8	5.0	4.2	3.3	2.5	1.7
41.25°	10.4	9.8	8.9	7.8	6.8	5.9	5.1	4.2	3.4	2.6	1.7
40°	10.6	9.9	9.1	8.0	7.0	6.1	5.2	4.3	3.5	2.6	1.8
38.75°	10.7	10.1	9.3	8.2	7.1	6.2	5.3	4.4	3.5	2.7	1.8
37.5°	10.9	10.2	9.5	8.4	7.3	6.3	5.4	4.5	3.6	2.7	1.8
36.25°	11.0	10.3	9.6	8.5	7.4	6.4	5.5	4.5	3.6	2.8	1.9
35°	11.1	10.4	9.7	8.7	7.6	6.5	5.5	4.6	3.7	2.8	1.9



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-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°	11.3	10.6	9.8	8.9	7.7	6.6	5.6	4.7	3.8	2.8	1.9
32.5°	11.3	10.7	10.0	9.0	7.8	6.7	5.7	4.7	3.8	2.9	1.9
31.25°	11.4	10.8	10.1	9.2	8.0	6.8	5.8	4.8	3.9	2.9	2.0
30°	11.5	10.9	10.1	9.3	8.1	6.9	5.9	4.9	3.9	3.0	2.0
28.75°	11.6	11.0	10.2	9.4	8.2	7.0	5.9	4.9	4.0	3.0	2.0
27.5°	11.6	11.1	10.3	9.6	8.3	7.1	6.0	5.0	4.0	3.0	2.0
26.25°	11.7	11.2	10.4	9.7	8.4	7.2	6.1	5.1	4.0	3.1	2.1
25°	11.8	11.3	10.5	9.7	8.5	7.3	6.2	5.1	4.1	3.1	2.1
23.75°	11.8	11.3	10.6	9.8	8.6	7.4	6.2	5.2	4.1	3.1	2.1
22.5°	11.9	11.4	10.6	9.9	8.7	7.4	6.3	5.2	4.2	3.1	2.1
21.25°	11.9	11.4	10.7	9.9	8.8	7.5	6.3	5.3	4.2	3.2	2.1
20°	12.0	11.5	10.8	10.0	8.9	7.6	6.4	5.3	4.2	3.2	2.2
18.75°	12.0	11.5	10.8	10.0	9.0	7.7	6.4	5.3	4.3	3.2	2.2
17.5°	12.1	11.6	10.9	10.1	9.1	7.7	6.5	5.4	4.3	3.2	2.2
16.25°	12.1	11.6	11.0	10.1	9.1	7.8	6.5	5.4	4.3	3.3	2.2
15°	12.2	11.6	11.0	10.2	9.2	7.9	6.6	5.5	4.3	3.3	2.2
13.75°	12.2	11.7	11.1	10.2	9.3	7.9	6.6	5.5	4.4	3.3	2.2
12.5°	12.2	11.7	11.1	10.3	9.3	8.0	6.6	5.5	4.4	3.3	2.2
11.25°	12.3	11.7	11.1	10.3	9.4	8.0	6.7	5.5	4.4	3.3	2.3
10°	12.3	11.8	11.2	10.3	9.4	8.0	6.7	5.6	4.4	3.3	2.3
8.75°	12.3	11.8	11.2	10.4	9.5	8.1	6.7	5.6	4.4	3.4	2.3
7.5°	12.3	11.8	11.2	10.4	9.5	8.1	6.7	5.6	4.5	3.4	2.3
6.25°	12.4	11.8	11.2	10.4	9.5	8.1	6.8	5.6	4.5	3.4	2.3
5°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
3.75°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
2.5°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
1.25°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
0°	12.4	11.9	11.3	10.5	9.6	8.2	6.8	5.7	4.5	3.4	2.3
-1.25°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
-2.5°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
-3.75°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
-5°	12.4	11.8	11.3	10.4	9.6	8.2	6.8	5.6	4.5	3.4	2.3
-6.25°	12.4	11.8	11.2	10.4	9.5	8.1	6.8	5.6	4.5	3.4	2.3
-7.5°	12.3	11.8	11.2	10.4	9.5	8.1	6.7	5.6	4.5	3.4	2.3
-8.75°	12.3	11.8	11.2	10.4	9.5	8.1	6.7	5.6	4.4	3.4	2.3
-10°	12.3	11.8	11.2	10.3	9.4	8.0	6.7	5.6	4.4	3.3	2.3
-11.25°	12.3	11.7	11.1	10.3	9.4	8.0	6.7	5.5	4.4	3.3	2.3
-12.5°	12.2	11.7	11.1	10.3	9.3	8.0	6.6	5.5	4.4	3.3	2.2
-13.75°	12.2	11.7	11.1	10.2	9.3	7.9	6.6	5.5	4.4	3.3	2.2
-15°	12.2	11.6	11.0	10.2	9.2	7.9	6.6	5.5	4.3	3.3	2.2
-16.25°	12.1	11.6	11.0	10.1	9.1	7.8	6.5	5.4	4.3	3.3	2.2
-17.5°	12.1	11.6	10.9	10.1	9.1	7.7	6.5	5.4	4.3	3.2	2.2
-18.75°	12.0	11.5	10.8	10.0	9.0	7.7	6.4	5.3	4.3	3.2	2.2
-20°	12.0	11.5	10.8	10.0	8.9	7.6	6.4	5.3	4.2	3.2	2.2
-21.25°	11.9	11.4	10.7	9.9	8.8	7.5	6.3	5.3	4.2	3.2	2.1



REPORT NUMBER: P220454 (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°
-22.5°	11.9	11.4	10.6	9.9	8.7	7.4	6.3	5.2	4.2	3.1	2.1
-23.75°	11.8	11.3	10.6	9.8	8.6	7.4	6.2	5.2	4.1	3.1	2.1
-25°	11.8	11.3	10.5	9.7	8.5	7.3	6.2	5.1	4.1	3.1	2.1
-26.25°	11.7	11.2	10.4	9.7	8.4	7.2	6.1	5.1	4.0	3.1	2.1
-27.5°	11.6	11.1	10.3	9.6	8.3	7.1	6.0	5.0	4.0	3.0	2.0
-28.75°	11.6	11.0	10.2	9.4	8.2	7.0	5.9	4.9	4.0	3.0	2.0
-30°	11.5	10.9	10.1	9.3	8.1	6.9	5.9	4.9	3.9	3.0	2.0
-31.25°	11.4	10.8	10.1	9.2	8.0	6.8	5.8	4.8	3.9	2.9	2.0
-32.5°	11.3	10.7	10.0	9.0	7.8	6.7	5.7	4.7	3.8	2.9	1.9
-33.75°	11.3	10.6	9.8	8.9	7.7	6.6	5.6	4.7	3.8	2.8	1.9
-35°	11.1	10.4	9.7	8.7	7.6	6.5	5.5	4.6	3.7	2.8	1.9
-36.25°	11.0	10.3	9.6	8.5	7.4	6.4	5.5	4.5	3.6	2.8	1.9
-37.5°	10.9	10.2	9.5	8.4	7.3	6.3	5.4	4.5	3.6	2.7	1.8
-38.75°	10.7	10.1	9.3	8.2	7.1	6.2	5.3	4.4	3.5	2.7	1.8
-40°	10.6	9.9	9.1	8.0	7.0	6.1	5.2	4.3	3.5	2.6	1.8
-41.25°	10.4	9.8	8.9	7.8	6.8	5.9	5.1	4.2	3.4	2.6	1.7
-42.5°	10.3	9.7	8.7	7.7	6.7	5.8	5.0	4.2	3.3	2.5	1.7
-43.75°	10.1	9.5	8.5	7.5	6.5	5.7	4.9	4.1	3.3	2.5	1.7
-45°	10.0	9.2	8.3	7.3	6.4	5.6	4.8	4.0	3.2	2.4	1.6
-46.25°	9.8	9.0	8.0	7.1	6.2	5.5	4.7	3.9	3.1	2.4	1.6
-47.5°	9.6	8.7	7.8	6.9	6.1	5.3	4.6	3.8	3.1	2.3	1.6
-48.75°	9.4	8.5	7.6	6.7	5.9	5.2	4.4	3.7	3.0	2.3	1.5
-50°	9.1	8.2	7.4	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.5
-51.25°	8.8	8.0	7.1	6.4	5.6	4.9	4.2	3.5	2.9	2.2	1.4
-52.5°	8.6	7.7	6.9	6.2	5.5	4.8	4.1	3.4	2.8	2.1	1.4
-53.75°	8.3	7.4	6.7	6.0	5.3	4.6	4.0	3.3	2.7	2.0	1.4
-55°	8.0	7.2	6.5	5.8	5.2	4.5	3.9	3.3	2.6	2.0	1.3
-56.25°	7.7	6.9	6.3	5.6	5.0	4.4	3.8	3.2	2.5	1.9	1.3
-57.5°	7.4	6.7	6.0	5.4	4.8	4.2	3.6	3.1	2.5	1.9	1.2
-58.75°	7.0	6.4	5.8	5.2	4.7	4.1	3.5	2.9	2.4	1.8	1.2
-60°	6.7	6.2	5.6	5.1	4.5	3.9	3.4	2.8	2.3	1.7	1.1
-61.25°	6.5	5.9	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.7	1.1
-62.5°	6.2	5.7	5.2	4.7	4.1	3.6	3.1	2.6	2.1	1.6	1.1
-63.75°	5.9	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-65°	5.7	5.2	4.7	4.3	3.8	3.3	2.9	2.4	1.9	1.5	1.0
-66.25°	5.4	5.0	4.5	4.1	3.6	3.2	2.8	2.3	1.9	1.4	0.9
-67.5°	5.1	4.7	4.3	3.9	3.5	3.0	2.6	2.2	1.8	1.3	0.9
-68.75°	4.9	4.4	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.8
-70°	4.6	4.2	3.8	3.5	3.1	2.7	2.4	2.0	1.6	1.2	0.8
-71.25°	4.3	4.0	3.6	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.7
-72.5°	4.0	3.7	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.7
-73.75°	3.8	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.6
-75°	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-76.25°	3.2	2.9	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-77.5°	2.9	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5



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CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	2.6	2.4	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4
-80°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-81.25°	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.3
-82.5°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
-83.75°	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3
-85°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-86.25°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2
-87.5°	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1
-88.75°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.1	0.0
83.75°	0.1	0.0
82.5°	0.2	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.2	0.0
77.5°	0.2	0.0
76.25°	0.3	0.0
75°	0.3	0.0
73.75°	0.3	0.0
72.5°	0.3	0.0
71.25°	0.4	0.0
70°	0.4	0.0
68.75°	0.4	0.0
67.5°	0.4	0.0
66.25°	0.5	0.0
65°	0.5	0.0
63.75°	0.5	0.0
62.5°	0.5	0.0
61.25°	0.6	0.0
60°	0.6	0.0
58.75°	0.6	0.0
57.5°	0.6	0.0
56.25°	0.6	0.0
55°	0.7	0.0
53.75°	0.7	0.0
52.5°	0.7	0.0
51.25°	0.7	0.0
50°	0.7	0.0
48.75°	0.8	0.0
47.5°	0.8	0.0
46.25°	0.8	0.0
45°	0.8	0.0
43.75°	0.8	0.0
42.5°	0.8	0.0
41.25°	0.9	0.0
40°	0.9	0.0
38.75°	0.9	0.0
37.5°	0.9	0.0
36.25°	0.9	0.0
35°	0.9	0.0



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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.0	0.0
32.5°	1.0	0.0
31.25°	1.0	0.0
30°	1.0	0.0
28.75°	1.0	0.0
27.5°	1.0	0.0
26.25°	1.0	0.0
25°	1.0	0.0
23.75°	1.1	0.0
22.5°	1.1	0.0
21.25°	1.1	0.0
20°	1.1	0.0
18.75°	1.1	0.0
17.5°	1.1	0.0
16.25°	1.1	0.0
15°	1.1	0.0
13.75°	1.1	0.0
12.5°	1.1	0.0
11.25°	1.1	0.0
10°	1.1	0.0
8.75°	1.1	0.0
7.5°	1.1	0.0
6.25°	1.1	0.0
5°	1.1	0.0
3.75°	1.1	0.0
2.5°	1.1	0.0
1.25°	1.1	0.0
0°	1.1	0.0
-1.25°	1.1	0.0
-2.5°	1.1	0.0
-3.75°	1.1	0.0
-5°	1.1	0.0
-6.25°	1.1	0.0
-7.5°	1.1	0.0
-8.75°	1.1	0.0
-10°	1.1	0.0
-11.25°	1.1	0.0
-12.5°	1.1	0.0
-13.75°	1.1	0.0
-15°	1.1	0.0
-16.25°	1.1	0.0
-17.5°	1.1	0.0
-18.75°	1.1	0.0
-20°	1.1	0.0
-21.25°	1.1	0.0



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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.1	0.0
-23.75°	1.1	0.0
-25°	1.0	0.0
-26.25°	1.0	0.0
-27.5°	1.0	0.0
-28.75°	1.0	0.0
-30°	1.0	0.0
-31.25°	1.0	0.0
-32.5°	1.0	0.0
-33.75°	1.0	0.0
-35°	0.9	0.0
-36.25°	0.9	0.0
-37.5°	0.9	0.0
-38.75°	0.9	0.0
-40°	0.9	0.0
-41.25°	0.9	0.0
-42.5°	0.8	0.0
-43.75°	0.8	0.0
-45°	0.8	0.0
-46.25°	0.8	0.0
-47.5°	0.8	0.0
-48.75°	0.8	0.0
-50°	0.7	0.0
-51.25°	0.7	0.0
-52.5°	0.7	0.0
-53.75°	0.7	0.0
-55°	0.7	0.0
-56.25°	0.6	0.0
-57.5°	0.6	0.0
-58.75°	0.6	0.0
-60°	0.6	0.0
-61.25°	0.6	0.0
-62.5°	0.5	0.0
-63.75°	0.5	0.0
-65°	0.5	0.0
-66.25°	0.5	0.0
-67.5°	0.4	0.0
-68.75°	0.4	0.0
-70°	0.4	0.0
-71.25°	0.4	0.0
-72.5°	0.3	0.0
-73.75°	0.3	0.0
-75°	0.3	0.0
-76.25°	0.3	0.0
-77.5°	0.2	0.0



REPORT NUMBER: P220454 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.2	0.0
-80°	0.2	0.0
-81.25°	0.2	0.0
-82.5°	0.2	0.0
-83.75°	0.1	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)