

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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

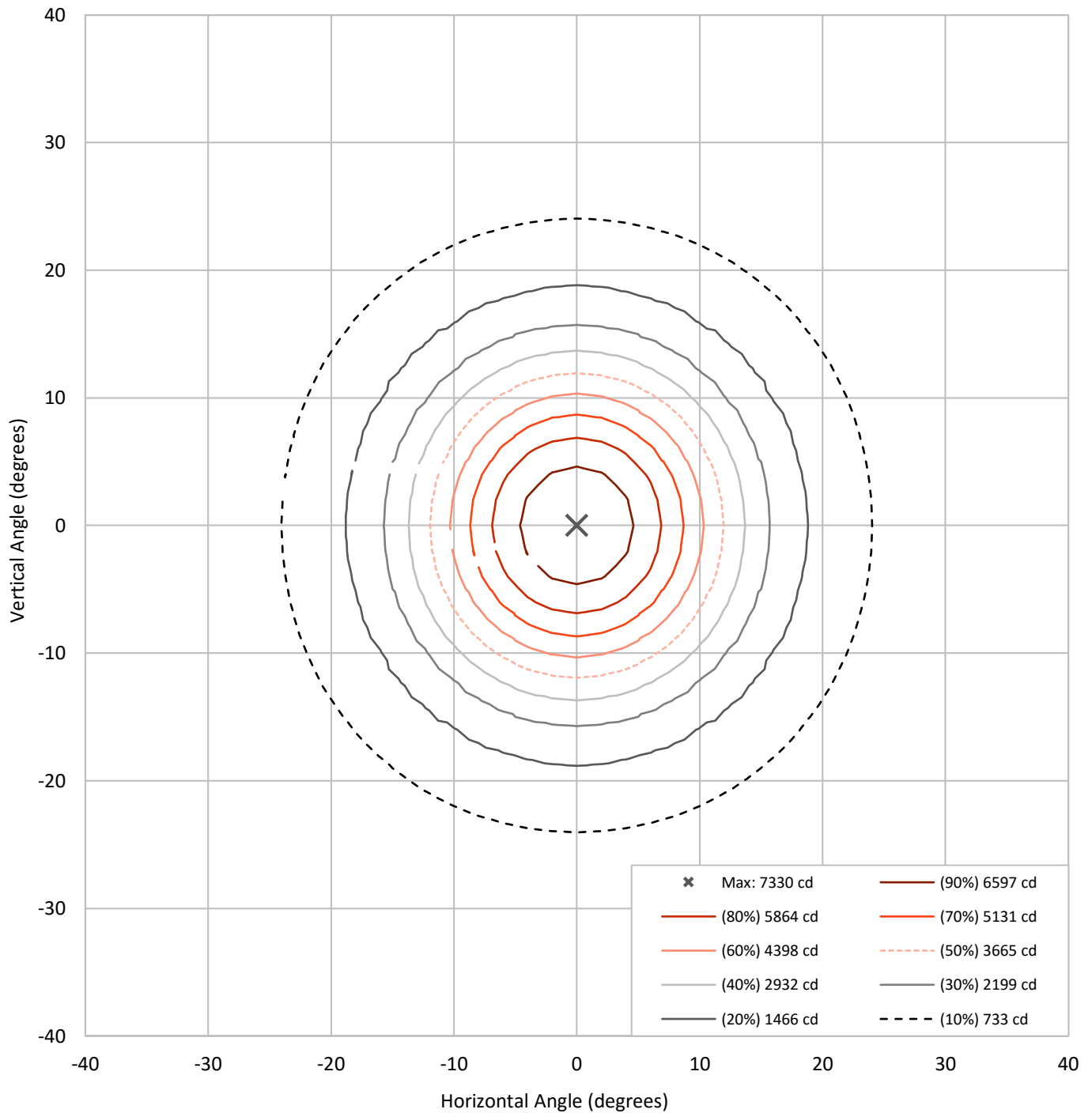
Test Method: LM-79-08
Report Number: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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:	1795.3 lumens	Max Intensity:	7330 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.3 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:	716.1 lumens	Field Lumens:	1408.2 lumens
Beam Efficiency:	39.9%	Field Efficiency:	78.4%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





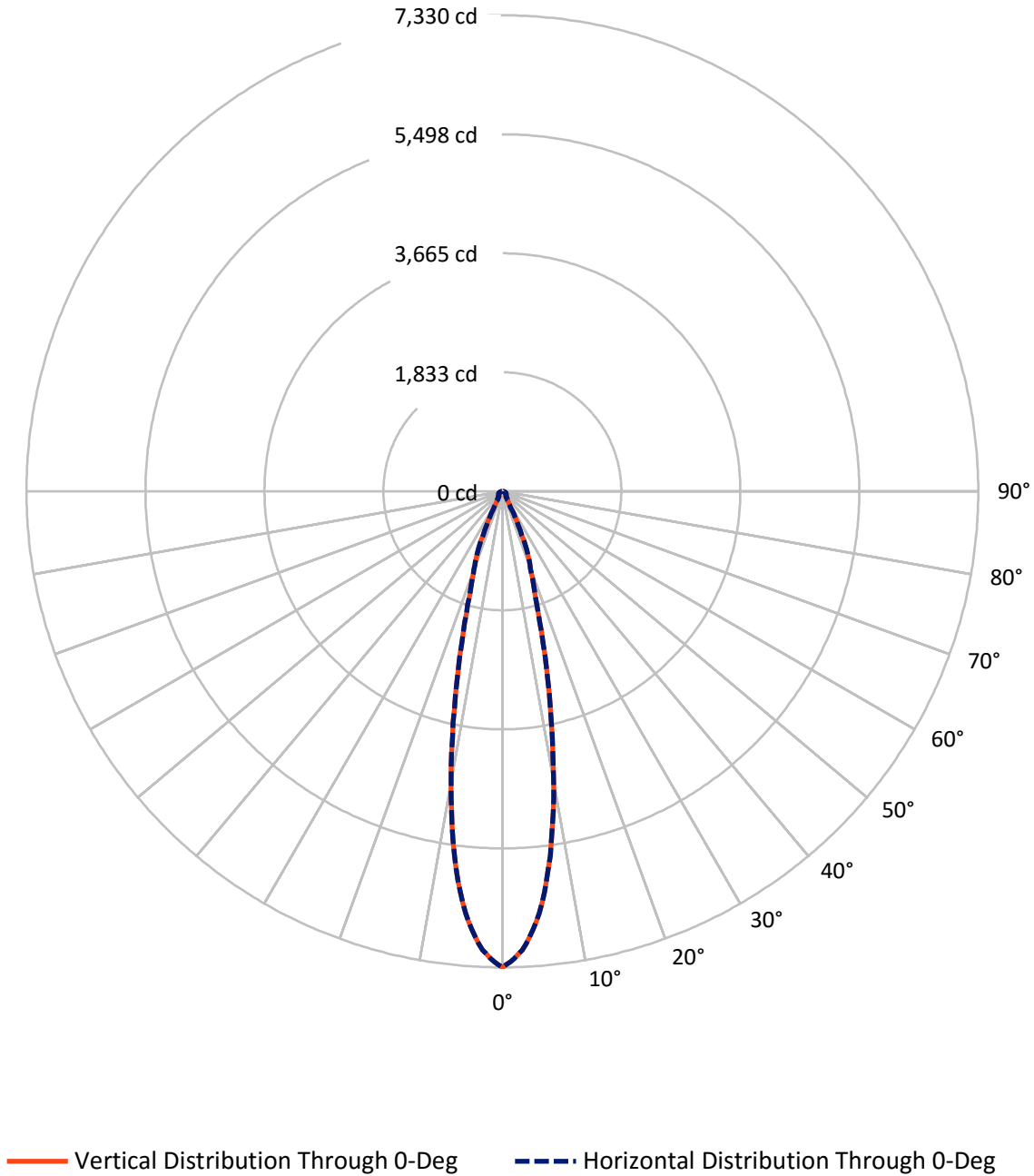
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Lumen Table

90	0.1	0.5		1.2		1.7		2.0		1.7		1.2		0.5		0.1
80	0.1	0.5		1.2		1.7		2.0		1.7		1.2		0.5		0.1
70	0.2	0.2	0.4	0.6	0.9	1.2	1.4	1.5	1.5	1.4	1.2	0.9	0.6	0.4	0.2	0.2
60		0.3	0.6	1.0	1.5	1.8	2.1	2.2	2.2	2.1	1.8	1.5	1.0	0.6	0.3	
50	0.4	0.4	0.8	1.4	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.4	0.8	0.4	0.4
40		0.5	1.0	1.6	2.0	2.3	2.8	3.3	3.3	2.8	2.3	2.0	1.6	1.0	0.5	
30	0.4	0.6	1.2	1.7	2.1	3.1	7.9	17.0	17.0	7.9	3.1	2.1	1.7	1.2	0.6	0.4
20		0.6	1.2	1.7	2.3	7.4	33.6	68.6	68.6	33.6	7.4	2.3	1.7	1.2	0.6	
10	0.5	0.6	1.3	1.7	2.7	15.7	66.8	164.9	164.9	66.8	15.7	2.7	1.7	1.3	0.6	0.5
0		0.6	1.3	1.7	2.7	15.7	66.8	164.9	164.9	66.8	15.7	2.7	1.7	1.3	0.6	
-10	0.4	0.6	1.2	1.7	2.3	7.4	33.6	68.6	68.6	33.6	7.4	2.3	1.7	1.2	0.6	0.4
-20		0.6	1.2	1.7	2.1	3.1	7.9	17.0	17.0	7.9	3.1	2.1	1.7	1.2	0.6	
-30	0.4	0.5	1.0	1.6	2.0	2.3	2.8	3.3	3.3	2.8	2.3	2.0	1.6	1.0	0.5	0.4
-40		0.4	0.8	1.4	1.8	2.1	2.4	2.5	2.5	2.4	2.1	1.8	1.4	0.8	0.4	
-50	0.2	0.3	0.6	1.0	1.5	1.8	2.1	2.2	2.2	2.1	1.8	1.5	1.0	0.6	0.3	0.2
-60		0.2	0.4	0.6	0.9	1.2	1.4	1.5	1.5	1.4	1.2	0.9	0.6	0.4	0.2	
-70	0.1	0.5		1.2		1.7		2.0		1.7		1.2		0.5		0.1
-80		0.5		1.2		1.7		2.0		1.7		1.2		0.5		
-90	0.1	0.5		1.2		1.7		2.0		1.7		1.2		0.5		0.1

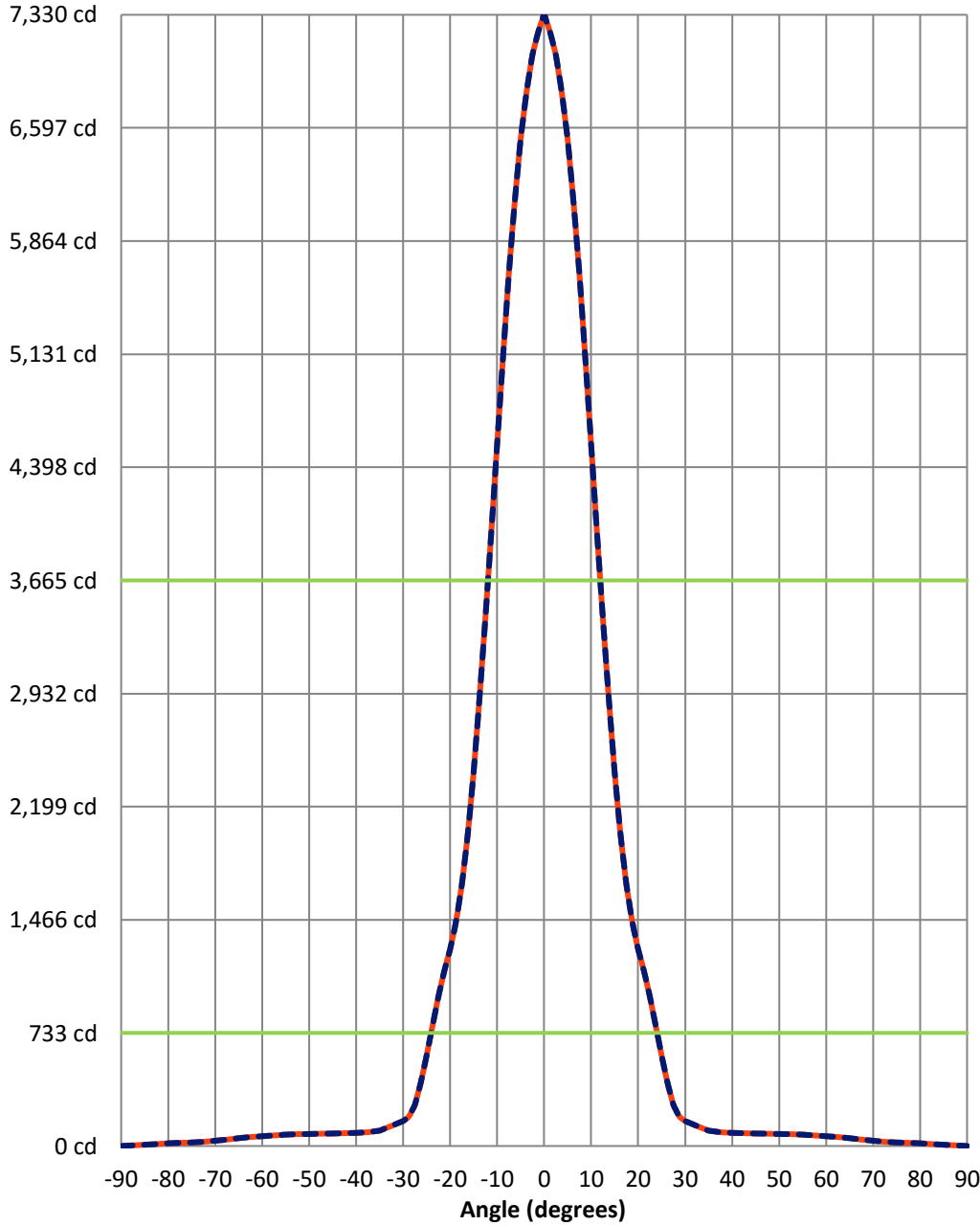
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 23.9°
V Angle: 23.9°
Lumens: 716.1
Efficiency: 39.9%

Field:
H Angle: 48.1°
V Angle: 48.1°
Lumens: 1408.2
Efficiency: 78.4%

Spill:
Lumens: 387.1
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	0.2	0.2	0.3	0.3	0.4	0.4	0.5
87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
86.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.2	1.4
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
83.75°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.7
81.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.9	3.2
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.3	3.6
78.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	2.9	3.3	3.7	4.1
77.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
76.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	4.9
75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.4
73.75°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.7	5.2	5.8
72.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
71.25°	0.0	0.7	1.3	2.0	2.7	3.4	4.0	4.7	5.3	6.0	6.6
70°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
68.75°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.3	6.0	6.7	7.5
67.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.9
66.25°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.9	6.7	7.5	8.3
65°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.9	8.7
63.75°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.1
62.5°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.6	9.5
61.25°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	8.9	9.9
60°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.3	8.3	9.3	10.3
58.75°	0.0	1.1	2.2	3.3	4.3	5.4	6.5	7.5	8.6	9.7	10.7
57.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	7.8	8.9	10.0	11.1
56.25°	0.0	1.2	2.3	3.5	4.7	5.8	6.9	8.1	9.2	10.4	11.5
55°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	10.7	11.9
53.75°	0.0	1.2	2.5	3.7	4.9	6.2	7.4	8.6	9.8	11.0	12.3
52.5°	0.0	1.3	2.6	3.8	5.1	6.3	7.6	8.8	10.1	11.4	12.6
51.25°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.4	11.7	13.1
50°	0.0	1.3	2.7	4.0	5.4	6.7	8.0	9.3	10.7	12.0	13.5
48.75°	0.0	1.4	2.8	4.2	5.5	6.9	8.2	9.6	10.9	12.3	14.0
47.5°	0.0	1.4	2.8	4.3	5.6	7.0	8.4	9.8	11.2	12.7	14.4
46.25°	0.0	1.5	2.9	4.4	5.8	7.2	8.6	10.0	11.5	13.0	14.8
45°	0.0	1.5	3.0	4.4	5.9	7.3	8.8	10.3	11.7	13.4	15.2
43.75°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.8	15.6
42.5°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.7	12.3	14.1	16.0
41.25°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.5	14.4	16.4
40°	0.0	1.6	3.2	4.8	6.4	7.9	9.5	11.1	12.8	14.8	16.8
38.75°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.3	13.1	15.1	17.1
37.5°	0.0	1.7	3.3	5.0	6.6	8.2	9.9	11.5	13.4	15.4	17.5
36.25°	0.0	1.7	3.4	5.1	6.7	8.4	10.1	11.7	13.6	15.7	17.8
35°	0.0	1.7	3.4	5.1	6.8	8.5	10.2	11.9	13.9	16.0	18.0



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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	1.7	3.5	5.2	6.9	8.6	10.4	12.1	14.2	16.3	18.2
32.5°	0.0	1.8	3.5	5.3	7.0	8.8	10.5	12.3	14.4	16.6	18.3
31.25°	0.0	1.8	3.6	5.4	7.1	8.9	10.7	12.5	14.7	16.9	18.5
30°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.9	17.1	18.7
28.75°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.8	15.1	17.4	18.9
27.5°	0.0	1.9	3.7	5.6	7.4	9.2	11.1	13.0	15.3	17.6	19.0
26.25°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.2	15.5	17.8	19.2
25°	0.0	1.9	3.8	5.7	7.5	9.4	11.3	13.4	15.7	17.9	19.3
23.75°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.5	15.9	18.1	19.5
22.5°	0.0	1.9	3.9	5.8	7.7	9.6	11.5	13.7	16.1	18.2	19.6
21.25°	0.0	2.0	3.9	5.8	7.7	9.7	11.6	13.9	16.3	18.3	19.7
20°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	14.0	16.4	18.4	19.9
18.75°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.1	16.6	18.5	20.0
17.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.9	14.3	16.7	18.6	20.1
16.25°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.4	16.9	18.7	20.2
15°	0.0	2.0	4.1	6.0	8.0	10.0	12.1	14.5	17.0	18.8	20.3
13.75°	0.0	2.0	4.1	6.1	8.1	10.1	12.1	14.6	17.1	18.8	20.3
12.5°	0.0	2.1	4.1	6.1	8.1	10.2	12.2	14.7	17.2	18.9	20.4
11.25°	0.0	2.1	4.1	6.1	8.1	10.2	12.3	14.7	17.3	19.0	20.5
10°	0.0	2.1	4.1	6.2	8.2	10.2	12.3	14.8	17.4	19.0	20.6
8.75°	0.0	2.1	4.2	6.2	8.2	10.3	12.4	14.9	17.5	19.1	20.6
7.5°	0.0	2.1	4.2	6.2	8.2	10.3	12.4	14.9	17.5	19.1	20.7
6.25°	0.0	2.1	4.2	6.2	8.3	10.3	12.4	15.0	17.6	19.2	20.7
5°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.0	17.6	19.2	20.7
3.75°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
2.5°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
1.25°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
0°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
0°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
-1.25°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
-2.5°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
-3.75°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.1	17.7	19.2	20.8
-5°	0.0	2.1	4.2	6.2	8.3	10.4	12.5	15.0	17.6	19.2	20.7
-6.25°	0.0	2.1	4.2	6.2	8.3	10.3	12.4	15.0	17.6	19.2	20.7
-7.5°	0.0	2.1	4.2	6.2	8.2	10.3	12.4	14.9	17.5	19.1	20.7
-8.75°	0.0	2.1	4.2	6.2	8.2	10.3	12.4	14.9	17.5	19.1	20.6
-10°	0.0	2.1	4.1	6.2	8.2	10.2	12.3	14.8	17.4	19.0	20.6
-11.25°	0.0	2.1	4.1	6.1	8.1	10.2	12.3	14.7	17.3	19.0	20.5
-12.5°	0.0	2.1	4.1	6.1	8.1	10.2	12.2	14.7	17.2	18.9	20.4
-13.75°	0.0	2.0	4.1	6.1	8.1	10.1	12.1	14.6	17.1	18.8	20.3
-15°	0.0	2.0	4.1	6.0	8.0	10.0	12.1	14.5	17.0	18.8	20.3
-16.25°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.4	16.9	18.7	20.2
-17.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.9	14.3	16.7	18.6	20.1
-18.75°	0.0	2.0	4.0	5.9	7.9	9.8	11.8	14.1	16.6	18.5	20.0
-20°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	14.0	16.4	18.4	19.9
-21.25°	0.0	2.0	3.9	5.8	7.7	9.7	11.6	13.9	16.3	18.3	19.7



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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	1.9	3.9	5.8	7.7	9.6	11.5	13.7	16.1	18.2	19.6
-23.75°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.5	15.9	18.1	19.5
-25°	0.0	1.9	3.8	5.7	7.5	9.4	11.3	13.4	15.7	17.9	19.3
-26.25°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.2	15.5	17.8	19.2
-27.5°	0.0	1.9	3.7	5.6	7.4	9.2	11.1	13.0	15.3	17.6	19.0
-28.75°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	12.8	15.1	17.4	18.9
-30°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.9	17.1	18.7
-31.25°	0.0	1.8	3.6	5.4	7.1	8.9	10.7	12.5	14.7	16.9	18.5
-32.5°	0.0	1.8	3.5	5.3	7.0	8.8	10.5	12.3	14.4	16.6	18.3
-33.75°	0.0	1.7	3.5	5.2	6.9	8.6	10.4	12.1	14.2	16.3	18.2
-35°	0.0	1.7	3.4	5.1	6.8	8.5	10.2	11.9	13.9	16.0	18.0
-36.25°	0.0	1.7	3.4	5.1	6.7	8.4	10.1	11.7	13.6	15.7	17.8
-37.5°	0.0	1.7	3.3	5.0	6.6	8.2	9.9	11.5	13.4	15.4	17.5
-38.75°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.3	13.1	15.1	17.1
-40°	0.0	1.6	3.2	4.8	6.4	7.9	9.5	11.1	12.8	14.8	16.8
-41.25°	0.0	1.6	3.2	4.7	6.3	7.8	9.4	10.9	12.5	14.4	16.4
-42.5°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.7	12.3	14.1	16.0
-43.75°	0.0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.8	15.6
-45°	0.0	1.5	3.0	4.4	5.9	7.3	8.8	10.3	11.7	13.4	15.2
-46.25°	0.0	1.5	2.9	4.4	5.8	7.2	8.6	10.0	11.5	13.0	14.8
-47.5°	0.0	1.4	2.8	4.3	5.6	7.0	8.4	9.8	11.2	12.7	14.4
-48.75°	0.0	1.4	2.8	4.2	5.5	6.9	8.2	9.6	10.9	12.3	14.0
-50°	0.0	1.3	2.7	4.0	5.4	6.7	8.0	9.3	10.7	12.0	13.5
-51.25°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.4	11.7	13.1
-52.5°	0.0	1.3	2.6	3.8	5.1	6.3	7.6	8.8	10.1	11.4	12.6
-53.75°	0.0	1.2	2.5	3.7	4.9	6.2	7.4	8.6	9.8	11.0	12.3
-55°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	10.7	11.9
-56.25°	0.0	1.2	2.3	3.5	4.7	5.8	6.9	8.1	9.2	10.4	11.5
-57.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	7.8	8.9	10.0	11.1
-58.75°	0.0	1.1	2.2	3.3	4.3	5.4	6.5	7.5	8.6	9.7	10.7
-60°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.3	8.3	9.3	10.3
-61.25°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	8.9	9.9
-62.5°	0.0	1.0	1.9	2.9	3.9	4.8	5.8	6.7	7.6	8.6	9.5
-63.75°	0.0	0.9	1.9	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.1
-65°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.9	8.7
-66.25°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.9	6.7	7.5	8.3
-67.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.3	7.1	7.9
-68.75°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	5.3	6.0	6.7	7.5
-70°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.1
-71.25°	0.0	0.7	1.3	2.0	2.7	3.4	4.0	4.7	5.3	6.0	6.6
-72.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.0	5.6	6.2
-73.75°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.7	5.2	5.8
-75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.4
-76.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	4.9
-77.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°
-78.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	2.9	3.3	3.7	4.1
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.3	3.6
-81.25°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.9	3.2
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.7
-83.75°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
-86.25°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.0	1.1	1.2	1.4
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-88.75°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9
87.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
86.25°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8
85°	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7
83.75°	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6
82.5°	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5
81.25°	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.4
80°	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.7	7.0	7.3
78.75°	4.5	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.9	8.2
77.5°	4.9	5.4	5.8	6.2	6.6	7.1	7.5	7.9	8.3	8.7	9.1
76.25°	5.4	5.9	6.4	6.8	7.3	7.7	8.2	8.7	9.1	9.6	10.0
75°	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	10.0	10.4	10.9
73.75°	6.4	6.9	7.5	8.0	8.6	9.1	9.7	10.2	10.8	11.3	11.8
72.5°	6.8	7.4	8.0	8.6	9.2	9.8	10.4	11.0	11.6	12.2	12.8
71.25°	7.3	7.9	8.6	9.2	9.9	10.5	11.1	11.8	12.4	13.1	13.9
70°	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.5	13.4	14.2	15.0
68.75°	8.2	8.9	9.7	10.4	11.1	11.9	12.6	13.5	14.4	15.2	16.1
67.5°	8.7	9.4	10.2	11.0	11.8	12.5	13.5	14.4	15.3	16.3	17.2
66.25°	9.1	10.0	10.8	11.6	12.4	13.4	14.4	15.3	16.3	17.3	18.0
65°	9.6	10.4	11.3	12.2	13.1	14.2	15.2	16.3	17.3	18.1	18.7
63.75°	10.0	10.9	11.8	12.8	13.9	15.0	16.1	17.2	18.0	18.7	19.3
62.5°	10.5	11.4	12.4	13.5	14.7	15.8	16.9	17.9	18.6	19.3	19.9
61.25°	10.9	11.9	13.0	14.2	15.4	16.6	17.7	18.5	19.2	19.8	20.5
60°	11.4	12.4	13.6	14.9	16.1	17.4	18.2	19.0	19.7	20.4	21.0
58.75°	11.8	12.9	14.3	15.6	16.9	18.0	18.7	19.5	20.3	20.9	21.4
57.5°	12.2	13.5	14.9	16.2	17.6	18.4	19.2	20.0	20.8	21.3	21.8
56.25°	12.7	14.1	15.5	16.9	18.1	18.9	19.7	20.5	21.2	21.7	22.2
55°	13.2	14.7	16.1	17.6	18.5	19.3	20.2	21.0	21.5	22.1	22.6
53.75°	13.7	15.2	16.7	18.0	18.9	19.8	20.6	21.3	21.9	22.5	23.2
52.5°	14.2	15.8	17.3	18.4	19.3	20.2	21.0	21.6	22.2	22.8	23.9
51.25°	14.7	16.3	17.8	18.8	19.7	20.6	21.3	21.9	22.6	23.5	24.7
50°	15.2	16.8	18.1	19.1	20.1	21.0	21.6	22.3	22.9	24.2	25.4
48.75°	15.7	17.3	18.5	19.5	20.5	21.2	21.9	22.6	23.6	24.8	26.1
47.5°	16.1	17.8	18.8	19.8	20.8	21.5	22.2	22.9	24.2	25.5	26.8
46.25°	16.6	18.1	19.1	20.2	21.1	21.8	22.5	23.5	24.8	26.2	27.9
45°	17.0	18.4	19.5	20.5	21.3	22.1	22.8	24.0	25.4	26.8	29.1
43.75°	17.5	18.7	19.8	20.8	21.6	22.3	23.2	24.6	26.0	27.8	30.3
42.5°	17.8	18.9	20.1	21.1	21.8	22.6	23.7	25.2	26.6	28.9	31.5
41.25°	18.1	19.2	20.4	21.3	22.0	22.8	24.2	25.7	27.4	30.0	32.6
40°	18.3	19.5	20.6	21.5	22.3	23.2	24.7	26.3	28.4	31.1	33.7
38.75°	18.5	19.7	20.9	21.7	22.5	23.7	25.2	26.8	29.4	32.1	34.8
37.5°	18.8	20.0	21.1	21.9	22.7	24.1	25.7	27.5	30.3	33.1	35.9
36.25°	19.0	20.2	21.3	22.1	22.9	24.6	26.2	28.4	31.2	34.1	36.9
35°	19.2	20.5	21.4	22.3	23.3	25.0	26.6	29.2	32.1	35.0	37.9



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	19.4	20.7	21.6	22.5	23.7	25.4	27.1	30.1	33.0	36.0	38.9
32.5°	19.6	20.9	21.8	22.6	24.1	25.8	27.9	30.9	33.9	36.9	39.9
31.25°	19.8	21.0	21.9	22.8	24.5	26.2	28.6	31.7	34.7	37.7	40.8
30°	20.0	21.2	22.1	23.1	24.8	26.6	29.3	32.4	35.5	38.6	41.7
28.75°	20.2	21.3	22.2	23.4	25.1	26.9	30.0	33.1	36.3	39.4	42.8
27.5°	20.4	21.4	22.4	23.7	25.5	27.5	30.7	33.8	37.0	40.2	43.8
26.25°	20.6	21.6	22.5	24.0	25.8	28.1	31.3	34.5	37.7	40.9	44.8
25°	20.7	21.7	22.6	24.2	26.1	28.6	31.9	35.2	38.4	41.7	45.8
23.75°	20.9	21.8	22.8	24.5	26.4	29.2	32.5	35.8	39.1	42.6	46.7
22.5°	21.0	21.9	22.9	24.8	26.6	29.7	33.0	36.4	39.7	43.4	47.6
21.25°	21.1	22.0	23.1	25.0	26.9	30.2	33.5	36.9	40.3	44.2	48.5
20°	21.1	22.1	23.3	25.2	27.2	30.6	34.0	37.4	40.8	44.9	49.3
18.75°	21.2	22.2	23.5	25.4	27.6	31.1	34.5	37.9	41.4	45.7	50.0
17.5°	21.3	22.3	23.7	25.6	28.0	31.5	34.9	38.4	41.9	46.3	50.7
16.25°	21.4	22.4	23.9	25.8	28.4	31.9	35.4	38.8	42.5	46.9	51.3
15°	21.4	22.5	24.0	26.0	28.7	32.2	35.7	39.2	43.1	47.5	51.8
13.75°	21.5	22.5	24.2	26.2	29.0	32.6	36.1	39.6	43.6	48.1	52.2
12.5°	21.6	22.6	24.3	26.3	29.3	32.9	36.4	40.0	44.0	48.6	52.6
11.25°	21.6	22.7	24.4	26.4	29.6	33.1	36.7	40.3	44.5	49.0	53.0
10°	21.7	22.7	24.5	26.6	29.8	33.4	37.0	40.5	44.8	49.4	53.3
8.75°	21.7	22.7	24.6	26.7	30.0	33.6	37.2	40.8	45.2	49.7	53.6
7.5°	21.7	22.8	24.7	26.7	30.2	33.8	37.4	41.0	45.4	50.1	53.8
6.25°	21.8	22.8	24.8	26.8	30.3	33.9	37.6	41.2	45.7	50.3	54.1
5°	21.8	22.9	24.8	26.9	30.4	34.1	37.7	41.3	45.9	50.5	54.2
3.75°	21.8	22.9	24.9	26.9	30.5	34.2	37.8	41.5	46.0	50.7	54.4
2.5°	21.8	22.9	24.9	27.0	30.6	34.2	37.9	41.5	46.2	50.8	54.5
1.25°	21.8	22.9	24.9	27.0	30.6	34.3	37.9	41.6	46.2	50.9	54.5
0°	21.9	22.9	25.0	27.0	30.7	34.3	38.0	41.6	46.3	50.9	54.6
-1.25°	21.8	22.9	24.9	27.0	30.6	34.3	37.9	41.6	46.2	50.9	54.5
-2.5°	21.8	22.9	24.9	27.0	30.6	34.2	37.9	41.5	46.2	50.8	54.5
-3.75°	21.8	22.9	24.9	26.9	30.5	34.2	37.8	41.5	46.0	50.7	54.4
-5°	21.8	22.9	24.8	26.9	30.4	34.1	37.7	41.3	45.9	50.5	54.2
-6.25°	21.8	22.8	24.8	26.8	30.3	33.9	37.6	41.2	45.7	50.3	54.1
-7.5°	21.7	22.8	24.7	26.7	30.2	33.8	37.4	41.0	45.4	50.1	53.8
-8.75°	21.7	22.7	24.6	26.7	30.0	33.6	37.2	40.8	45.2	49.7	53.6
-10°	21.7	22.7	24.5	26.6	29.8	33.4	37.0	40.5	44.8	49.4	53.3
-11.25°	21.6	22.7	24.4	26.4	29.6	33.1	36.7	40.3	44.5	49.0	53.0
-12.5°	21.6	22.6	24.3	26.3	29.3	32.9	36.4	40.0	44.0	48.6	52.6
-13.75°	21.5	22.5	24.2	26.2	29.0	32.6	36.1	39.6	43.6	48.1	52.2
-15°	21.4	22.5	24.0	26.0	28.7	32.2	35.7	39.2	43.1	47.5	51.8
-16.25°	21.4	22.4	23.9	25.8	28.4	31.9	35.4	38.8	42.5	46.9	51.3
-17.5°	21.3	22.3	23.7	25.6	28.0	31.5	34.9	38.4	41.9	46.3	50.7
-18.75°	21.2	22.2	23.5	25.4	27.6	31.1	34.5	37.9	41.4	45.7	50.0
-20°	21.1	22.1	23.3	25.2	27.2	30.6	34.0	37.4	40.8	44.9	49.3
-21.25°	21.1	22.0	23.1	25.0	26.9	30.2	33.5	36.9	40.3	44.2	48.5



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	21.0	21.9	22.9	24.8	26.6	29.7	33.0	36.4	39.7	43.4	47.6
-23.75°	20.9	21.8	22.8	24.5	26.4	29.2	32.5	35.8	39.1	42.6	46.7
-25°	20.7	21.7	22.6	24.2	26.1	28.6	31.9	35.2	38.4	41.7	45.8
-26.25°	20.6	21.6	22.5	24.0	25.8	28.1	31.3	34.5	37.7	40.9	44.8
-27.5°	20.4	21.4	22.4	23.7	25.5	27.5	30.7	33.8	37.0	40.2	43.8
-28.75°	20.2	21.3	22.2	23.4	25.1	26.9	30.0	33.1	36.3	39.4	42.8
-30°	20.0	21.2	22.1	23.1	24.8	26.6	29.3	32.4	35.5	38.6	41.7
-31.25°	19.8	21.0	21.9	22.8	24.5	26.2	28.6	31.7	34.7	37.7	40.8
-32.5°	19.6	20.9	21.8	22.6	24.1	25.8	27.9	30.9	33.9	36.9	39.9
-33.75°	19.4	20.7	21.6	22.5	23.7	25.4	27.1	30.1	33.0	36.0	38.9
-35°	19.2	20.5	21.4	22.3	23.3	25.0	26.6	29.2	32.1	35.0	37.9
-36.25°	19.0	20.2	21.3	22.1	22.9	24.6	26.2	28.4	31.2	34.1	36.9
-37.5°	18.8	20.0	21.1	21.9	22.7	24.1	25.7	27.5	30.3	33.1	35.9
-38.75°	18.5	19.7	20.9	21.7	22.5	23.7	25.2	26.8	29.4	32.1	34.8
-40°	18.3	19.5	20.6	21.5	22.3	23.2	24.7	26.3	28.4	31.1	33.7
-41.25°	18.1	19.2	20.4	21.3	22.0	22.8	24.2	25.7	27.4	30.0	32.6
-42.5°	17.8	18.9	20.1	21.1	21.8	22.6	23.7	25.2	26.6	28.9	31.5
-43.75°	17.5	18.7	19.8	20.8	21.6	22.3	23.2	24.6	26.0	27.8	30.3
-45°	17.0	18.4	19.5	20.5	21.3	22.1	22.8	24.0	25.4	26.8	29.1
-46.25°	16.6	18.1	19.1	20.2	21.1	21.8	22.5	23.5	24.8	26.2	27.9
-47.5°	16.1	17.8	18.8	19.8	20.8	21.5	22.2	22.9	24.2	25.5	26.8
-48.75°	15.7	17.3	18.5	19.5	20.5	21.2	21.9	22.6	23.6	24.8	26.1
-50°	15.2	16.8	18.1	19.1	20.1	21.0	21.6	22.3	22.9	24.2	25.4
-51.25°	14.7	16.3	17.8	18.8	19.7	20.6	21.3	21.9	22.6	23.5	24.7
-52.5°	14.2	15.8	17.3	18.4	19.3	20.2	21.0	21.6	22.2	22.8	23.9
-53.75°	13.7	15.2	16.7	18.0	18.9	19.8	20.6	21.3	21.9	22.5	23.2
-55°	13.2	14.7	16.1	17.6	18.5	19.3	20.2	21.0	21.5	22.1	22.6
-56.25°	12.7	14.1	15.5	16.9	18.1	18.9	19.7	20.5	21.2	21.7	22.2
-57.5°	12.2	13.5	14.9	16.2	17.6	18.4	19.2	20.0	20.8	21.3	21.8
-58.75°	11.8	12.9	14.3	15.6	16.9	18.0	18.7	19.5	20.3	20.9	21.4
-60°	11.4	12.4	13.6	14.9	16.1	17.4	18.2	19.0	19.7	20.4	21.0
-61.25°	10.9	11.9	13.0	14.2	15.4	16.6	17.7	18.5	19.2	19.8	20.5
-62.5°	10.5	11.4	12.4	13.5	14.7	15.8	16.9	17.9	18.6	19.3	19.9
-63.75°	10.0	10.9	11.8	12.8	13.9	15.0	16.1	17.2	18.0	18.7	19.3
-65°	9.6	10.4	11.3	12.2	13.1	14.2	15.2	16.3	17.3	18.1	18.7
-66.25°	9.1	10.0	10.8	11.6	12.4	13.4	14.4	15.3	16.3	17.3	18.0
-67.5°	8.7	9.4	10.2	11.0	11.8	12.5	13.5	14.4	15.3	16.3	17.2
-68.75°	8.2	8.9	9.7	10.4	11.1	11.9	12.6	13.5	14.4	15.2	16.1
-70°	7.7	8.4	9.1	9.8	10.5	11.2	11.9	12.5	13.4	14.2	15.0
-71.25°	7.3	7.9	8.6	9.2	9.9	10.5	11.1	11.8	12.4	13.1	13.9
-72.5°	6.8	7.4	8.0	8.6	9.2	9.8	10.4	11.0	11.6	12.2	12.8
-73.75°	6.4	6.9	7.5	8.0	8.6	9.1	9.7	10.2	10.8	11.3	11.8
-75°	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	10.0	10.4	10.9
-76.25°	5.4	5.9	6.4	6.8	7.3	7.7	8.2	8.7	9.1	9.6	10.0
-77.5°	4.9	5.4	5.8	6.2	6.6	7.1	7.5	7.9	8.3	8.7	9.1



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	4.5	4.8	5.2	5.6	6.0	6.4	6.7	7.1	7.5	7.9	8.2
-80°	4.0	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.7	7.0	7.3
-81.25°	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.4
-82.5°	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.3	5.5
-83.75°	2.5	2.7	2.9	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6
-85°	2.0	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7
-86.25°	1.5	1.6	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7	2.8
-87.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
-88.75°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.8	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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3
87.5°	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7
86.25°	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
85°	3.9	4.0	4.2	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.4
83.75°	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7
82.5°	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.4	7.6	7.8	8.0
81.25°	6.7	7.0	7.3	7.5	7.8	8.1	8.3	8.6	8.8	9.1	9.3
80°	7.6	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7
78.75°	8.6	8.9	9.3	9.7	10.0	10.4	10.7	11.0	11.4	11.7	12.0
77.5°	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.6	13.1	13.5
76.25°	10.5	10.9	11.4	11.8	12.2	12.7	13.2	13.7	14.2	14.7	15.2
75°	11.4	11.9	12.4	12.9	13.5	14.1	14.7	15.2	15.8	16.3	16.8
73.75°	12.4	13.0	13.6	14.3	14.9	15.5	16.1	16.7	17.3	17.8	18.1
72.5°	13.5	14.2	14.9	15.6	16.2	16.9	17.6	18.0	18.4	18.8	19.1
71.25°	14.7	15.4	16.1	16.9	17.6	18.1	18.5	18.9	19.3	19.7	20.1
70°	15.8	16.6	17.4	18.0	18.4	18.9	19.3	19.8	20.2	20.6	21.0
68.75°	16.9	17.7	18.2	18.7	19.2	19.7	20.2	20.6	21.0	21.3	21.6
67.5°	17.9	18.5	19.0	19.5	20.0	20.5	21.0	21.3	21.6	21.9	22.3
66.25°	18.6	19.2	19.7	20.3	20.8	21.2	21.5	21.9	22.2	22.6	22.9
65°	19.3	19.8	20.4	20.9	21.3	21.7	22.1	22.5	22.8	23.5	24.2
63.75°	19.9	20.5	21.0	21.4	21.8	22.2	22.6	23.2	23.9	24.7	25.4
62.5°	20.6	21.1	21.5	21.9	22.4	22.8	23.5	24.3	25.1	25.9	26.6
61.25°	21.1	21.5	22.0	22.4	22.9	23.7	24.6	25.4	26.2	27.1	28.5
60°	21.5	22.0	22.5	23.0	23.9	24.8	25.6	26.5	27.6	29.2	30.6
58.75°	21.9	22.4	23.0	23.9	24.8	25.8	26.7	28.1	29.7	31.2	32.8
57.5°	22.4	22.9	23.9	24.8	25.8	26.8	28.3	30.0	31.6	33.3	34.9
56.25°	22.8	23.7	24.8	25.8	26.8	28.4	30.2	31.9	33.6	35.3	37.0
55°	23.5	24.6	25.6	26.7	28.3	30.2	32.0	33.8	35.6	37.3	39.1
53.75°	24.3	25.4	26.5	28.1	30.0	31.9	33.8	35.7	37.5	39.3	41.1
52.5°	25.1	26.2	27.6	29.7	31.6	33.6	35.6	37.5	39.4	41.3	43.6
51.25°	25.9	27.1	29.2	31.2	33.3	35.3	37.3	39.3	41.3	43.7	46.2
50°	26.6	28.5	30.6	32.8	34.9	37.0	39.1	41.1	43.6	46.2	48.7
48.75°	27.7	29.9	32.1	34.3	36.5	38.6	40.8	43.3	45.9	48.6	51.1
47.5°	29.0	31.3	33.5	35.8	38.0	40.3	42.7	45.5	48.2	50.9	53.1
46.25°	30.3	32.6	35.0	37.3	39.6	41.9	44.8	47.7	50.5	52.8	55.0
45°	31.5	34.0	36.4	38.7	41.1	44.0	46.9	49.8	52.4	54.6	56.8
43.75°	32.8	35.3	37.7	40.2	42.9	45.9	49.0	51.7	54.1	56.4	58.5
42.5°	34.0	36.5	39.1	41.6	44.7	47.9	50.9	53.4	55.8	58.1	59.8
41.25°	35.2	37.8	40.4	43.3	46.5	49.7	52.5	55.0	57.4	59.4	61.1
40°	36.4	39.0	41.7	45.0	48.3	51.4	54.0	56.5	58.8	60.6	62.4
38.75°	37.5	40.2	43.3	46.7	50.1	52.9	55.5	58.1	60.0	61.8	63.6
37.5°	38.6	41.4	44.8	48.3	51.6	54.3	56.9	59.2	61.1	62.9	64.8
36.25°	39.7	42.8	46.4	49.9	52.9	55.6	58.3	60.2	62.2	64.1	65.9
35°	40.8	44.2	47.8	51.3	54.1	56.9	59.3	61.3	63.2	65.2	67.1



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	41.9	45.6	49.3	52.5	55.4	58.2	60.2	62.3	64.3	66.2	68.2
32.5°	43.2	46.9	50.7	53.7	56.6	59.1	61.2	63.2	65.3	67.3	69.3
31.25°	44.4	48.2	51.8	54.8	57.7	60.0	62.1	64.2	66.2	68.3	70.3
30°	45.6	49.5	52.8	55.9	58.7	60.8	63.0	65.1	67.2	69.3	71.4
28.75°	46.7	50.7	53.8	56.9	59.5	61.6	63.8	66.0	68.1	70.2	72.3
27.5°	47.8	51.6	54.8	57.9	60.2	62.4	64.6	66.8	69.0	71.1	73.3
26.25°	48.9	52.5	55.7	58.7	60.9	63.2	65.4	67.6	69.8	72.0	74.1
25°	49.9	53.4	56.6	59.3	61.6	63.9	66.1	68.4	70.6	72.9	74.6
23.75°	50.9	54.2	57.4	60.0	62.3	64.6	66.9	69.2	71.4	73.7	75.1
22.5°	51.6	54.9	58.2	60.6	62.9	65.2	67.6	69.9	72.2	74.2	75.6
21.25°	52.3	55.7	58.8	61.1	63.5	65.9	68.2	70.6	72.9	74.7	76.0
20°	53.0	56.4	59.3	61.7	64.1	66.5	68.8	71.2	73.6	75.1	76.5
18.75°	53.6	57.0	59.8	62.2	64.6	67.0	69.4	71.8	74.0	75.5	76.9
17.5°	54.2	57.6	60.2	62.7	65.1	67.6	70.0	72.4	74.4	75.8	77.0
16.25°	54.7	58.2	60.7	63.1	65.6	68.0	70.5	72.9	74.7	76.2	77.1
15°	55.2	58.6	61.1	63.6	66.0	68.5	71.0	73.4	75.1	76.5	77.3
13.75°	55.7	58.9	61.4	63.9	66.4	68.9	71.4	73.9	75.4	76.8	77.4
12.5°	56.1	59.3	61.8	64.3	66.8	69.3	71.8	74.1	75.6	77.0	77.4
11.25°	56.5	59.5	62.1	64.6	67.1	69.7	72.2	74.4	75.9	77.0	77.5
10°	56.9	59.8	62.4	64.9	67.5	70.0	72.5	74.6	76.1	77.1	77.6
8.75°	57.2	60.0	62.6	65.2	67.7	70.3	72.8	74.7	76.3	77.2	77.7
7.5°	57.5	60.2	62.8	65.4	68.0	70.5	73.1	74.9	76.4	77.2	77.7
6.25°	57.7	60.4	63.0	65.6	68.1	70.7	73.3	75.0	76.6	77.3	77.8
5°	57.9	60.6	63.1	65.7	68.3	70.9	73.5	75.2	76.7	77.3	77.8
3.75°	58.0	60.7	63.3	65.8	68.4	71.0	73.6	75.2	76.8	77.4	77.9
2.5°	58.1	60.7	63.3	65.9	68.5	71.1	73.7	75.3	76.8	77.4	77.9
1.25°	58.2	60.8	63.4	66.0	68.6	71.2	73.8	75.3	76.9	77.4	77.9
0°	58.2	60.8	63.4	66.0	68.6	71.2	73.8	75.4	76.9	77.4	77.9
-1.25°	58.2	60.8	63.4	66.0	68.6	71.2	73.8	75.3	76.9	77.4	77.9
-2.5°	58.1	60.7	63.3	65.9	68.5	71.1	73.7	75.3	76.8	77.4	77.9
-3.75°	58.0	60.7	63.3	65.8	68.4	71.0	73.6	75.2	76.8	77.4	77.9
-5°	57.9	60.6	63.1	65.7	68.3	70.9	73.5	75.2	76.7	77.3	77.8
-6.25°	57.7	60.4	63.0	65.6	68.1	70.7	73.3	75.0	76.6	77.3	77.8
-7.5°	57.5	60.2	62.8	65.4	68.0	70.5	73.1	74.9	76.4	77.2	77.7
-8.75°	57.2	60.0	62.6	65.2	67.7	70.3	72.8	74.7	76.3	77.2	77.7
-10°	56.9	59.8	62.4	64.9	67.5	70.0	72.5	74.6	76.1	77.1	77.6
-11.25°	56.5	59.5	62.1	64.6	67.1	69.7	72.2	74.4	75.9	77.0	77.5
-12.5°	56.1	59.3	61.8	64.3	66.8	69.3	71.8	74.1	75.6	77.0	77.4
-13.75°	55.7	58.9	61.4	63.9	66.4	68.9	71.4	73.9	75.4	76.8	77.4
-15°	55.2	58.6	61.1	63.6	66.0	68.5	71.0	73.4	75.1	76.5	77.3
-16.25°	54.7	58.2	60.7	63.1	65.6	68.0	70.5	72.9	74.7	76.2	77.1
-17.5°	54.2	57.6	60.2	62.7	65.1	67.6	70.0	72.4	74.4	75.8	77.0
-18.75°	53.6	57.0	59.8	62.2	64.6	67.0	69.4	71.8	74.0	75.5	76.9
-20°	53.0	56.4	59.3	61.7	64.1	66.5	68.8	71.2	73.6	75.1	76.5
-21.25°	52.3	55.7	58.8	61.1	63.5	65.9	68.2	70.6	72.9	74.7	76.0



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	51.6	54.9	58.2	60.6	62.9	65.2	67.6	69.9	72.2	74.2	75.6
-23.75°	50.9	54.2	57.4	60.0	62.3	64.6	66.9	69.2	71.4	73.7	75.1
-25°	49.9	53.4	56.6	59.3	61.6	63.9	66.1	68.4	70.6	72.9	74.6
-26.25°	48.9	52.5	55.7	58.7	60.9	63.2	65.4	67.6	69.8	72.0	74.1
-27.5°	47.8	51.6	54.8	57.9	60.2	62.4	64.6	66.8	69.0	71.1	73.3
-28.75°	46.7	50.7	53.8	56.9	59.5	61.6	63.8	66.0	68.1	70.2	72.3
-30°	45.6	49.5	52.8	55.9	58.7	60.8	63.0	65.1	67.2	69.3	71.4
-31.25°	44.4	48.2	51.8	54.8	57.7	60.0	62.1	64.2	66.2	68.3	70.3
-32.5°	43.2	46.9	50.7	53.7	56.6	59.1	61.2	63.2	65.3	67.3	69.3
-33.75°	41.9	45.6	49.3	52.5	55.4	58.2	60.2	62.3	64.3	66.2	68.2
-35°	40.8	44.2	47.8	51.3	54.1	56.9	59.3	61.3	63.2	65.2	67.1
-36.25°	39.7	42.8	46.4	49.9	52.9	55.6	58.3	60.2	62.2	64.1	65.9
-37.5°	38.6	41.4	44.8	48.3	51.6	54.3	56.9	59.2	61.1	62.9	64.8
-38.75°	37.5	40.2	43.3	46.7	50.1	52.9	55.5	58.1	60.0	61.8	63.6
-40°	36.4	39.0	41.7	45.0	48.3	51.4	54.0	56.5	58.8	60.6	62.4
-41.25°	35.2	37.8	40.4	43.3	46.5	49.7	52.5	55.0	57.4	59.4	61.1
-42.5°	34.0	36.5	39.1	41.6	44.7	47.9	50.9	53.4	55.8	58.1	59.8
-43.75°	32.8	35.3	37.7	40.2	42.9	45.9	49.0	51.7	54.1	56.4	58.5
-45°	31.5	34.0	36.4	38.7	41.1	44.0	46.9	49.8	52.4	54.6	56.8
-46.25°	30.3	32.6	35.0	37.3	39.6	41.9	44.8	47.7	50.5	52.8	55.0
-47.5°	29.0	31.3	33.5	35.8	38.0	40.3	42.7	45.5	48.2	50.9	53.1
-48.75°	27.7	29.9	32.1	34.3	36.5	38.6	40.8	43.3	45.9	48.6	51.1
-50°	26.6	28.5	30.6	32.8	34.9	37.0	39.1	41.1	43.6	46.2	48.7
-51.25°	25.9	27.1	29.2	31.2	33.3	35.3	37.3	39.3	41.3	43.7	46.2
-52.5°	25.1	26.2	27.6	29.7	31.6	33.6	35.6	37.5	39.4	41.3	43.6
-53.75°	24.3	25.4	26.5	28.1	30.0	31.9	33.8	35.7	37.5	39.3	41.1
-55°	23.5	24.6	25.6	26.7	28.3	30.2	32.0	33.8	35.6	37.3	39.1
-56.25°	22.8	23.7	24.8	25.8	26.8	28.4	30.2	31.9	33.6	35.3	37.0
-57.5°	22.4	22.9	23.9	24.8	25.8	26.8	28.3	30.0	31.6	33.3	34.9
-58.75°	21.9	22.4	23.0	23.9	24.8	25.8	26.7	28.1	29.7	31.2	32.8
-60°	21.5	22.0	22.5	23.0	23.9	24.8	25.6	26.5	27.6	29.2	30.6
-61.25°	21.1	21.5	22.0	22.4	22.9	23.7	24.6	25.4	26.2	27.1	28.5
-62.5°	20.6	21.1	21.5	21.9	22.4	22.8	23.5	24.3	25.1	25.9	26.6
-63.75°	19.9	20.5	21.0	21.4	21.8	22.2	22.6	23.2	23.9	24.7	25.4
-65°	19.3	19.8	20.4	20.9	21.3	21.7	22.1	22.5	22.8	23.5	24.2
-66.25°	18.6	19.2	19.7	20.3	20.8	21.2	21.5	21.9	22.2	22.6	22.9
-67.5°	17.9	18.5	19.0	19.5	20.0	20.5	21.0	21.3	21.6	21.9	22.3
-68.75°	16.9	17.7	18.2	18.7	19.2	19.7	20.2	20.6	21.0	21.3	21.6
-70°	15.8	16.6	17.4	18.0	18.4	18.9	19.3	19.8	20.2	20.6	21.0
-71.25°	14.7	15.4	16.1	16.9	17.6	18.1	18.5	18.9	19.3	19.7	20.1
-72.5°	13.5	14.2	14.9	15.6	16.2	16.9	17.6	18.0	18.4	18.8	19.1
-73.75°	12.4	13.0	13.6	14.3	14.9	15.5	16.1	16.7	17.3	17.8	18.1
-75°	11.4	11.9	12.4	12.9	13.5	14.1	14.7	15.2	15.8	16.3	16.8
-76.25°	10.5	10.9	11.4	11.8	12.2	12.7	13.2	13.7	14.2	14.7	15.2
-77.5°	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.6	13.1	13.5



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	8.6	8.9	9.3	9.7	10.0	10.4	10.7	11.0	11.4	11.7	12.0
-80°	7.6	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7
-81.25°	6.7	7.0	7.3	7.5	7.8	8.1	8.3	8.6	8.8	9.1	9.3
-82.5°	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.4	7.6	7.8	8.0
-83.75°	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7
-85°	3.9	4.0	4.2	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.4
-86.25°	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
-87.5°	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7
-88.75°	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
87.5°	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3	3.4
86.25°	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1
85°	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7
83.75°	6.9	7.0	7.2	7.3	7.5	7.7	7.8	7.9	8.1	8.2	8.4
82.5°	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.1
81.25°	9.6	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7
80°	10.9	11.2	11.5	11.7	12.0	12.3	12.5	12.8	13.1	13.4	13.6
78.75°	12.3	12.7	13.0	13.4	13.8	14.1	14.4	14.8	15.1	15.4	15.7
77.5°	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.1	17.5	17.8
76.25°	15.7	16.1	16.6	17.0	17.5	17.8	18.1	18.3	18.5	18.8	19.0
75°	17.3	17.8	18.1	18.4	18.7	18.9	19.2	19.5	19.7	20.0	20.2
73.75°	18.5	18.8	19.1	19.5	19.8	20.1	20.4	20.6	20.9	21.1	21.3
72.5°	19.5	19.8	20.2	20.5	20.8	21.1	21.3	21.5	21.7	21.9	22.1
71.25°	20.5	20.8	21.1	21.3	21.6	21.8	22.0	22.3	22.5	22.7	22.9
70°	21.2	21.5	21.8	22.1	22.3	22.6	22.8	23.2	23.7	24.1	24.6
68.75°	21.9	22.2	22.5	22.8	23.2	23.7	24.2	24.7	25.2	25.7	26.2
67.5°	22.6	22.9	23.5	24.0	24.6	25.2	25.7	26.3	26.8	27.5	28.4
66.25°	23.6	24.2	24.8	25.4	26.0	26.6	27.4	28.4	29.4	30.3	31.2
65°	24.8	25.5	26.2	26.8	27.8	28.9	30.0	31.1	32.1	33.1	34.1
63.75°	26.1	26.8	27.9	29.1	30.3	31.5	32.6	33.7	34.8	35.9	36.9
62.5°	27.7	29.0	30.3	31.5	32.8	34.0	35.2	36.4	37.5	38.6	39.7
61.25°	29.9	31.3	32.6	34.0	35.3	36.5	37.8	39.0	40.2	41.4	42.8
60°	32.1	33.5	35.0	36.4	37.7	39.1	40.4	41.7	43.3	44.8	46.4
58.75°	34.3	35.8	37.3	38.7	40.2	41.6	43.3	45.0	46.7	48.3	49.9
57.5°	36.5	38.0	39.6	41.1	42.9	44.7	46.5	48.3	50.1	51.6	52.9
56.25°	38.6	40.3	41.9	44.0	45.9	47.9	49.7	51.4	52.9	54.3	55.6
55°	40.8	42.7	44.8	46.9	49.0	50.9	52.5	54.0	55.5	56.9	58.3
53.75°	43.3	45.5	47.7	49.8	51.7	53.4	55.0	56.5	58.1	59.2	60.2
52.5°	45.9	48.2	50.5	52.4	54.1	55.8	57.4	58.8	60.0	61.1	62.2
51.25°	48.6	50.9	52.8	54.6	56.4	58.1	59.4	60.6	61.8	62.9	64.1
50°	51.1	53.1	55.0	56.8	58.5	59.8	61.1	62.4	63.6	64.8	65.9
48.75°	53.1	55.1	57.1	58.8	60.2	61.5	62.8	64.1	65.4	66.6	67.8
47.5°	55.1	57.2	58.9	60.4	61.8	63.1	64.5	65.8	67.1	68.4	69.7
46.25°	57.1	58.9	60.4	61.9	63.3	64.8	66.2	67.5	68.9	70.2	71.5
45°	58.8	60.4	61.9	63.4	64.9	66.4	67.8	69.2	70.6	72.0	73.3
43.75°	60.2	61.8	63.3	64.9	66.4	67.9	69.4	70.9	72.3	73.7	74.6
42.5°	61.5	63.1	64.8	66.4	67.9	69.5	71.0	72.5	73.9	74.8	75.6
41.25°	62.8	64.5	66.2	67.8	69.4	71.0	72.6	74.0	74.9	75.8	76.7
40°	64.1	65.8	67.5	69.2	70.9	72.5	74.0	75.0	75.9	76.8	77.2
38.75°	65.4	67.1	68.9	70.6	72.3	73.9	74.9	75.9	76.9	77.2	77.5
37.5°	66.6	68.4	70.2	72.0	73.7	74.8	75.8	76.8	77.2	77.5	77.8
36.25°	67.8	69.7	71.5	73.3	74.6	75.6	76.7	77.2	77.5	77.8	78.4
35°	69.0	70.9	72.8	74.3	75.4	76.5	77.1	77.4	77.8	78.3	79.0



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	70.2	72.1	73.9	75.1	76.2	77.0	77.4	77.7	78.3	79.0	79.7
32.5°	71.3	73.2	74.6	75.8	76.9	77.3	77.6	78.1	78.8	79.6	80.1
31.25°	72.4	74.1	75.3	76.5	77.2	77.5	77.9	78.7	79.4	80.1	80.4
30°	73.4	74.8	76.0	77.0	77.4	77.8	78.4	79.2	80.0	80.4	80.7
28.75°	74.2	75.4	76.7	77.2	77.6	78.1	78.9	79.7	80.3	80.6	81.0
27.5°	74.8	76.1	77.0	77.4	77.8	78.6	79.4	80.1	80.5	80.9	81.6
26.25°	75.4	76.6	77.2	77.6	78.2	79.1	79.9	80.4	80.8	81.3	82.1
25°	75.9	77.0	77.4	77.8	78.7	79.5	80.2	80.6	81.0	81.8	82.6
23.75°	76.4	77.2	77.6	78.2	79.1	80.0	80.4	80.8	81.5	82.3	83.2
22.5°	76.9	77.3	77.8	78.6	79.5	80.2	80.6	81.0	81.9	82.8	83.7
21.25°	77.1	77.5	78.0	78.9	79.8	80.4	80.8	81.5	82.4	83.3	84.1
20°	77.2	77.7	78.3	79.3	80.1	80.5	81.0	81.9	82.8	83.7	84.6
18.75°	77.4	77.8	78.7	79.6	80.3	80.7	81.3	82.3	83.2	84.1	85.0
17.5°	77.5	78.0	79.0	79.9	80.4	80.9	81.7	82.6	83.6	84.5	85.7
16.25°	77.6	78.3	79.2	80.1	80.6	81.0	82.0	83.0	83.9	84.9	86.4
15°	77.7	78.5	79.5	80.2	80.7	81.3	82.3	83.3	84.3	85.2	87.1
13.75°	77.8	78.8	79.7	80.4	80.8	81.6	82.6	83.6	84.6	85.9	87.8
12.5°	78.0	79.0	80.0	80.5	80.9	81.9	82.9	83.9	84.9	86.5	88.4
11.25°	78.1	79.2	80.1	80.6	81.1	82.1	83.1	84.1	85.1	87.0	88.9
10°	78.3	79.3	80.2	80.7	81.3	82.3	83.3	84.3	85.5	87.5	89.6
8.75°	78.5	79.5	80.2	80.7	81.5	82.5	83.5	84.5	85.9	87.9	90.8
7.5°	78.6	79.6	80.3	80.8	81.6	82.7	83.7	84.7	86.3	88.3	91.7
6.25°	78.7	79.7	80.4	80.9	81.8	82.8	83.8	84.9	86.6	88.6	92.6
5°	78.8	79.8	80.4	80.9	81.9	82.9	83.9	85.0	86.8	88.8	93.3
3.75°	78.9	79.9	80.5	81.0	81.9	83.0	84.0	85.1	87.0	89.0	93.8
2.5°	78.9	80.0	80.5	81.0	82.0	83.1	84.1	85.1	87.1	89.2	94.2
1.25°	78.9	80.0	80.5	81.0	82.0	83.1	84.1	85.2	87.2	89.3	94.4
0°	79.0	80.0	80.5	81.0	82.1	83.1	84.2	85.2	87.3	89.3	94.5
-1.25°	78.9	80.0	80.5	81.0	82.0	83.1	84.1	85.2	87.2	89.3	94.4
-2.5°	78.9	80.0	80.5	81.0	82.0	83.1	84.1	85.1	87.1	89.2	94.2
-3.75°	78.9	79.9	80.5	81.0	81.9	83.0	84.0	85.1	87.0	89.0	93.8
-5°	78.8	79.8	80.4	80.9	81.9	82.9	83.9	85.0	86.8	88.8	93.3
-6.25°	78.7	79.7	80.4	80.9	81.8	82.8	83.8	84.9	86.6	88.6	92.6
-7.5°	78.6	79.6	80.3	80.8	81.6	82.7	83.7	84.7	86.3	88.3	91.7
-8.75°	78.5	79.5	80.2	80.7	81.5	82.5	83.5	84.5	85.9	87.9	90.8
-10°	78.3	79.3	80.2	80.7	81.3	82.3	83.3	84.3	85.5	87.5	89.6
-11.25°	78.1	79.2	80.1	80.6	81.1	82.1	83.1	84.1	85.1	87.0	88.9
-12.5°	78.0	79.0	80.0	80.5	80.9	81.9	82.9	83.9	84.9	86.5	88.4
-13.75°	77.8	78.8	79.7	80.4	80.8	81.6	82.6	83.6	84.6	85.9	87.8
-15°	77.7	78.5	79.5	80.2	80.7	81.3	82.3	83.3	84.3	85.2	87.1
-16.25°	77.6	78.3	79.2	80.1	80.6	81.0	82.0	83.0	83.9	84.9	86.4
-17.5°	77.5	78.0	79.0	79.9	80.4	80.9	81.7	82.6	83.6	84.5	85.7
-18.75°	77.4	77.8	78.7	79.6	80.3	80.7	81.3	82.3	83.2	84.1	85.0
-20°	77.2	77.7	78.3	79.3	80.1	80.5	81.0	81.9	82.8	83.7	84.6
-21.25°	77.1	77.5	78.0	78.9	79.8	80.4	80.8	81.5	82.4	83.3	84.1



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	76.9	77.3	77.8	78.6	79.5	80.2	80.6	81.0	81.9	82.8	83.7
-23.75°	76.4	77.2	77.6	78.2	79.1	80.0	80.4	80.8	81.5	82.3	83.2
-25°	75.9	77.0	77.4	77.8	78.7	79.5	80.2	80.6	81.0	81.8	82.6
-26.25°	75.4	76.6	77.2	77.6	78.2	79.1	79.9	80.4	80.8	81.3	82.1
-27.5°	74.8	76.1	77.0	77.4	77.8	78.6	79.4	80.1	80.5	80.9	81.6
-28.75°	74.2	75.4	76.7	77.2	77.6	78.1	78.9	79.7	80.3	80.6	81.0
-30°	73.4	74.8	76.0	77.0	77.4	77.8	78.4	79.2	80.0	80.4	80.7
-31.25°	72.4	74.1	75.3	76.5	77.2	77.5	77.9	78.7	79.4	80.1	80.4
-32.5°	71.3	73.2	74.6	75.8	76.9	77.3	77.6	78.1	78.8	79.6	80.1
-33.75°	70.2	72.1	73.9	75.1	76.2	77.0	77.4	77.7	78.3	79.0	79.7
-35°	69.0	70.9	72.8	74.3	75.4	76.5	77.1	77.4	77.8	78.3	79.0
-36.25°	67.8	69.7	71.5	73.3	74.6	75.6	76.7	77.2	77.5	77.8	78.4
-37.5°	66.6	68.4	70.2	72.0	73.7	74.8	75.8	76.8	77.2	77.5	77.8
-38.75°	65.4	67.1	68.9	70.6	72.3	73.9	74.9	75.9	76.9	77.2	77.5
-40°	64.1	65.8	67.5	69.2	70.9	72.5	74.0	75.0	75.9	76.8	77.2
-41.25°	62.8	64.5	66.2	67.8	69.4	71.0	72.6	74.0	74.9	75.8	76.7
-42.5°	61.5	63.1	64.8	66.4	67.9	69.5	71.0	72.5	73.9	74.8	75.6
-43.75°	60.2	61.8	63.3	64.9	66.4	67.9	69.4	70.9	72.3	73.7	74.6
-45°	58.8	60.4	61.9	63.4	64.9	66.4	67.8	69.2	70.6	72.0	73.3
-46.25°	57.1	58.9	60.4	61.9	63.3	64.8	66.2	67.5	68.9	70.2	71.5
-47.5°	55.1	57.2	58.9	60.4	61.8	63.1	64.5	65.8	67.1	68.4	69.7
-48.75°	53.1	55.1	57.1	58.8	60.2	61.5	62.8	64.1	65.4	66.6	67.8
-50°	51.1	53.1	55.0	56.8	58.5	59.8	61.1	62.4	63.6	64.8	65.9
-51.25°	48.6	50.9	52.8	54.6	56.4	58.1	59.4	60.6	61.8	62.9	64.1
-52.5°	45.9	48.2	50.5	52.4	54.1	55.8	57.4	58.8	60.0	61.1	62.2
-53.75°	43.3	45.5	47.7	49.8	51.7	53.4	55.0	56.5	58.1	59.2	60.2
-55°	40.8	42.7	44.8	46.9	49.0	50.9	52.5	54.0	55.5	56.9	58.3
-56.25°	38.6	40.3	41.9	44.0	45.9	47.9	49.7	51.4	52.9	54.3	55.6
-57.5°	36.5	38.0	39.6	41.1	42.9	44.7	46.5	48.3	50.1	51.6	52.9
-58.75°	34.3	35.8	37.3	38.7	40.2	41.6	43.3	45.0	46.7	48.3	49.9
-60°	32.1	33.5	35.0	36.4	37.7	39.1	40.4	41.7	43.3	44.8	46.4
-61.25°	29.9	31.3	32.6	34.0	35.3	36.5	37.8	39.0	40.2	41.4	42.8
-62.5°	27.7	29.0	30.3	31.5	32.8	34.0	35.2	36.4	37.5	38.6	39.7
-63.75°	26.1	26.8	27.9	29.1	30.3	31.5	32.6	33.7	34.8	35.9	36.9
-65°	24.8	25.5	26.2	26.8	27.8	28.9	30.0	31.1	32.1	33.1	34.1
-66.25°	23.6	24.2	24.8	25.4	26.0	26.6	27.4	28.4	29.4	30.3	31.2
-67.5°	22.6	22.9	23.5	24.0	24.6	25.2	25.7	26.3	26.8	27.5	28.4
-68.75°	21.9	22.2	22.5	22.8	23.2	23.7	24.2	24.7	25.2	25.7	26.2
-70°	21.2	21.5	21.8	22.1	22.3	22.6	22.8	23.2	23.7	24.1	24.6
-71.25°	20.5	20.8	21.1	21.3	21.6	21.8	22.0	22.3	22.5	22.7	22.9
-72.5°	19.5	19.8	20.2	20.5	20.8	21.1	21.3	21.5	21.7	21.9	22.1
-73.75°	18.5	18.8	19.1	19.5	19.8	20.1	20.4	20.6	20.9	21.1	21.3
-75°	17.3	17.8	18.1	18.4	18.7	18.9	19.2	19.5	19.7	20.0	20.2
-76.25°	15.7	16.1	16.6	17.0	17.5	17.8	18.1	18.3	18.5	18.8	19.0
-77.5°	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.1	17.5	17.8



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	12.3	12.7	13.0	13.4	13.8	14.1	14.4	14.8	15.1	15.4	15.7
-80°	10.9	11.2	11.5	11.7	12.0	12.3	12.5	12.8	13.1	13.4	13.6
-81.25°	9.6	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7
-82.5°	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.5	9.7	9.9	10.1
-83.75°	6.9	7.0	7.2	7.3	7.5	7.7	7.8	7.9	8.1	8.2	8.4
-85°	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.7
-86.25°	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1
-87.5°	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.2	3.3	3.3	3.4
-88.75°	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
87.5°	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9
86.25°	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.7	5.8
85°	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7
83.75°	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6
82.5°	10.2	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.3	11.4	11.5
81.25°	11.9	12.1	12.3	12.5	12.6	12.8	13.0	13.2	13.4	13.5	13.7
80°	13.9	14.2	14.4	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1
78.75°	16.0	16.3	16.6	16.9	17.1	17.4	17.6	17.8	17.9	18.1	18.2
77.5°	18.0	18.2	18.3	18.5	18.7	18.9	19.0	19.2	19.3	19.5	19.6
76.25°	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.7	20.9	21.0
75°	20.5	20.7	20.9	21.0	21.2	21.3	21.4	21.6	21.7	21.8	21.9
73.75°	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.5	22.6	22.8	22.9
72.5°	22.3	22.5	22.6	22.8	23.1	23.4	23.7	24.0	24.2	24.5	24.8
71.25°	23.3	23.7	24.1	24.5	24.8	25.1	25.5	25.8	26.1	26.4	26.6
70°	25.0	25.4	25.8	26.2	26.6	26.9	27.5	28.1	28.6	29.2	29.7
68.75°	26.6	27.1	27.9	28.6	29.3	30.0	30.7	31.3	31.9	32.5	33.0
67.5°	29.2	30.1	30.9	31.7	32.4	33.1	33.8	34.5	35.2	35.8	36.4
66.25°	32.1	33.0	33.9	34.7	35.5	36.3	37.0	37.7	38.4	39.1	39.7
65°	35.0	36.0	36.9	37.7	38.6	39.4	40.2	40.9	41.7	42.6	43.4
63.75°	37.9	38.9	39.9	40.8	41.7	42.8	43.8	44.8	45.8	46.7	47.6
62.5°	40.8	41.9	43.2	44.4	45.6	46.7	47.8	48.9	49.9	50.9	51.6
61.25°	44.2	45.6	46.9	48.2	49.5	50.7	51.6	52.5	53.4	54.2	54.9
60°	47.8	49.3	50.7	51.8	52.8	53.8	54.8	55.7	56.6	57.4	58.2
58.75°	51.3	52.5	53.7	54.8	55.9	56.9	57.9	58.7	59.3	60.0	60.6
57.5°	54.1	55.4	56.6	57.7	58.7	59.5	60.2	60.9	61.6	62.3	62.9
56.25°	56.9	58.2	59.1	60.0	60.8	61.6	62.4	63.2	63.9	64.6	65.2
55°	59.3	60.2	61.2	62.1	63.0	63.8	64.6	65.4	66.1	66.9	67.6
53.75°	61.3	62.3	63.2	64.2	65.1	66.0	66.8	67.6	68.4	69.2	69.9
52.5°	63.2	64.3	65.3	66.2	67.2	68.1	69.0	69.8	70.6	71.4	72.2
51.25°	65.2	66.2	67.3	68.3	69.3	70.2	71.1	72.0	72.9	73.7	74.2
50°	67.1	68.2	69.3	70.3	71.4	72.3	73.3	74.1	74.6	75.1	75.6
48.75°	69.0	70.2	71.3	72.4	73.4	74.2	74.8	75.4	75.9	76.4	76.9
47.5°	70.9	72.1	73.2	74.1	74.8	75.4	76.1	76.6	77.0	77.2	77.3
46.25°	72.8	73.9	74.6	75.3	76.0	76.7	77.0	77.2	77.4	77.6	77.8
45°	74.3	75.1	75.8	76.5	77.0	77.2	77.4	77.6	77.8	78.2	78.6
43.75°	75.4	76.2	76.9	77.2	77.4	77.6	77.8	78.2	78.7	79.1	79.5
42.5°	76.5	77.0	77.3	77.5	77.8	78.1	78.6	79.1	79.5	80.0	80.2
41.25°	77.1	77.4	77.6	77.9	78.4	78.9	79.4	79.9	80.2	80.4	80.6
40°	77.4	77.7	78.1	78.7	79.2	79.7	80.1	80.4	80.6	80.8	81.0
38.75°	77.8	78.3	78.8	79.4	80.0	80.3	80.5	80.8	81.0	81.5	81.9
37.5°	78.3	79.0	79.6	80.1	80.4	80.6	80.9	81.3	81.8	82.3	82.8
36.25°	79.0	79.7	80.1	80.4	80.7	81.0	81.6	82.1	82.6	83.2	83.7
35°	79.7	80.2	80.5	80.8	81.2	81.8	82.3	82.9	83.5	84.0	84.5



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	80.2	80.5	80.8	81.3	81.9	82.5	83.1	83.7	84.3	84.8	85.5
32.5°	80.5	80.8	81.3	82.0	82.6	83.3	83.9	84.5	85.1	86.1	87.1
31.25°	80.8	81.3	82.0	82.6	83.3	84.0	84.6	85.3	86.5	87.6	88.8
30°	81.2	81.9	82.6	83.3	84.0	84.7	85.5	86.8	88.0	89.2	92.0
28.75°	81.8	82.5	83.3	84.0	84.7	85.6	86.9	88.2	89.8	92.9	95.9
27.5°	82.3	83.1	83.9	84.6	85.5	86.9	88.3	90.2	93.5	96.7	100.1
26.25°	82.9	83.7	84.5	85.3	86.8	88.2	90.2	93.7	97.1	101.8	111.2
25°	83.5	84.3	85.1	86.5	88.0	89.8	93.5	97.1	102.4	112.4	122.1
23.75°	84.0	84.8	86.1	87.6	89.2	92.9	96.7	101.8	112.4	122.7	133.0
22.5°	84.5	85.5	87.1	88.8	92.0	95.9	100.1	111.2	122.1	133.0	144.1
21.25°	85.0	86.5	88.2	90.6	94.8	98.9	108.9	120.3	131.7	143.4	154.8
20°	85.7	87.5	89.2	93.3	97.5	105.4	117.4	129.1	141.4	153.5	166.2
18.75°	86.6	88.4	91.4	95.8	100.8	113.2	125.5	138.1	150.7	163.5	179.9
17.5°	87.5	89.2	93.7	98.1	108.0	120.7	133.4	146.6	159.7	175.4	211.8
16.25°	88.2	91.2	95.8	101.6	114.7	127.7	141.3	154.8	169.9	199.6	267.0
15°	89.0	93.2	97.8	107.8	121.1	134.7	148.7	162.6	182.8	234.6	335.9
13.75°	90.2	95.0	99.8	113.5	127.1	141.3	155.6	172.0	207.8	291.3	416.6
12.5°	91.8	96.7	104.9	118.8	132.8	147.5	162.0	183.7	242.5	355.3	501.3
11.25°	93.3	98.2	109.5	123.6	138.2	153.1	169.7	204.2	289.2	421.9	583.3
10°	94.6	99.6	113.7	128.0	143.1	158.3	176.6	224.7	338.1	490.1	660.8
8.75°	95.8	102.9	117.4	132.1	147.5	163.0	189.2	260.9	389.9	554.1	730.7
7.5°	96.8	106.0	120.7	135.7	151.3	168.2	203.1	292.7	435.5	611.3	793.4
6.25°	97.7	108.7	123.5	138.8	154.6	172.6	215.0	322.2	480.6	661.4	847.4
5°	98.4	110.9	125.8	141.4	157.3	176.3	229.1	352.8	518.5	702.9	892.3
3.75°	99.0	112.6	127.6	143.4	159.4	179.9	245.8	376.8	548.3	735.5	925.2
2.5°	99.4	113.8	128.9	144.8	160.9	185.1	257.8	394.1	569.7	759.4	948.7
1.25°	99.6	114.6	129.6	145.7	161.8	188.3	265.1	404.5	582.6	773.8	963.0
0°	99.7	114.8	129.9	146.0	162.1	189.4	267.5	408.0	586.9	778.7	967.7
-1.25°	99.6	114.6	129.6	145.7	161.8	188.3	265.1	404.5	582.6	773.8	963.0
-2.5°	99.4	113.8	128.9	144.8	160.9	185.1	257.8	394.1	569.7	759.4	948.7
-3.75°	99.0	112.6	127.6	143.4	159.4	179.9	245.8	376.8	548.3	735.5	925.2
-5°	98.4	110.9	125.8	141.4	157.3	176.3	229.1	352.8	518.5	702.9	892.3
-6.25°	97.7	108.7	123.5	138.8	154.6	172.6	215.0	322.2	480.6	661.4	847.4
-7.5°	96.8	106.0	120.7	135.7	151.3	168.2	203.1	292.7	435.5	611.3	793.4
-8.75°	95.8	102.9	117.4	132.1	147.5	163.0	189.2	260.9	389.9	554.1	730.7
-10°	94.6	99.6	113.7	128.0	143.1	158.3	176.6	224.7	338.1	490.1	660.8
-11.25°	93.3	98.2	109.5	123.6	138.2	153.1	169.7	204.2	289.2	421.9	583.3
-12.5°	91.8	96.7	104.9	118.8	132.8	147.5	162.0	183.7	242.5	355.3	501.3
-13.75°	90.2	95.0	99.8	113.5	127.1	141.3	155.6	172.0	207.8	291.3	416.6
-15°	89.0	93.2	97.8	107.8	121.1	134.7	148.7	162.6	182.8	234.6	335.9
-16.25°	88.2	91.2	95.8	101.6	114.7	127.7	141.3	154.8	169.9	199.6	267.0
-17.5°	87.5	89.2	93.7	98.1	108.0	120.7	133.4	146.6	159.7	175.4	211.8
-18.75°	86.6	88.4	91.4	95.8	100.8	113.2	125.5	138.1	150.7	163.5	179.9
-20°	85.7	87.5	89.2	93.3	97.5	105.4	117.4	129.1	141.4	153.5	166.2
-21.25°	85.0	86.5	88.2	90.6	94.8	98.9	108.9	120.3	131.7	143.4	154.8



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	84.5	85.5	87.1	88.8	92.0	95.9	100.1	111.2	122.1	133.0	144.1
-23.75°	84.0	84.8	86.1	87.6	89.2	92.9	96.7	101.8	112.4	122.7	133.0
-25°	83.5	84.3	85.1	86.5	88.0	89.8	93.5	97.1	102.4	112.4	122.1
-26.25°	82.9	83.7	84.5	85.3	86.8	88.2	90.2	93.7	97.1	101.8	111.2
-27.5°	82.3	83.1	83.9	84.6	85.5	86.9	88.3	90.2	93.5	96.7	100.1
-28.75°	81.8	82.5	83.3	84.0	84.7	85.6	86.9	88.2	89.8	92.9	95.9
-30°	81.2	81.9	82.6	83.3	84.0	84.7	85.5	86.8	88.0	89.2	92.0
-31.25°	80.8	81.3	82.0	82.6	83.3	84.0	84.6	85.3	86.5	87.6	88.8
-32.5°	80.5	80.8	81.3	82.0	82.6	83.3	83.9	84.5	85.1	86.1	87.1
-33.75°	80.2	80.5	80.8	81.3	81.9	82.5	83.1	83.7	84.3	84.8	85.5
-35°	79.7	80.2	80.5	80.8	81.2	81.8	82.3	82.9	83.5	84.0	84.5
-36.25°	79.0	79.7	80.1	80.4	80.7	81.0	81.6	82.1	82.6	83.2	83.7
-37.5°	78.3	79.0	79.6	80.1	80.4	80.6	80.9	81.3	81.8	82.3	82.8
-38.75°	77.8	78.3	78.8	79.4	80.0	80.3	80.5	80.8	81.0	81.5	81.9
-40°	77.4	77.7	78.1	78.7	79.2	79.7	80.1	80.4	80.6	80.8	81.0
-41.25°	77.1	77.4	77.6	77.9	78.4	78.9	79.4	79.9	80.2	80.4	80.6
-42.5°	76.5	77.0	77.3	77.5	77.8	78.1	78.6	79.1	79.5	80.0	80.2
-43.75°	75.4	76.2	76.9	77.2	77.4	77.6	77.8	78.2	78.7	79.1	79.5
-45°	74.3	75.1	75.8	76.5	77.0	77.2	77.4	77.6	77.8	78.2	78.6
-46.25°	72.8	73.9	74.6	75.3	76.0	76.7	77.0	77.2	77.4	77.6	77.8
-47.5°	70.9	72.1	73.2	74.1	74.8	75.4	76.1	76.6	77.0	77.2	77.3
-48.75°	69.0	70.2	71.3	72.4	73.4	74.2	74.8	75.4	75.9	76.4	76.9
-50°	67.1	68.2	69.3	70.3	71.4	72.3	73.3	74.1	74.6	75.1	75.6
-51.25°	65.2	66.2	67.3	68.3	69.3	70.2	71.1	72.0	72.9	73.7	74.2
-52.5°	63.2	64.3	65.3	66.2	67.2	68.1	69.0	69.8	70.6	71.4	72.2
-53.75°	61.3	62.3	63.2	64.2	65.1	66.0	66.8	67.6	68.4	69.2	69.9
-55°	59.3	60.2	61.2	62.1	63.0	63.8	64.6	65.4	66.1	66.9	67.6
-56.25°	56.9	58.2	59.1	60.0	60.8	61.6	62.4	63.2	63.9	64.6	65.2
-57.5°	54.1	55.4	56.6	57.7	58.7	59.5	60.2	60.9	61.6	62.3	62.9
-58.75°	51.3	52.5	53.7	54.8	55.9	56.9	57.9	58.7	59.3	60.0	60.6
-60°	47.8	49.3	50.7	51.8	52.8	53.8	54.8	55.7	56.6	57.4	58.2
-61.25°	44.2	45.6	46.9	48.2	49.5	50.7	51.6	52.5	53.4	54.2	54.9
-62.5°	40.8	41.9	43.2	44.4	45.6	46.7	47.8	48.9	49.9	50.9	51.6
-63.75°	37.9	38.9	39.9	40.8	41.7	42.8	43.8	44.8	45.8	46.7	47.6
-65°	35.0	36.0	36.9	37.7	38.6	39.4	40.2	40.9	41.7	42.6	43.4
-66.25°	32.1	33.0	33.9	34.7	35.5	36.3	37.0	37.7	38.4	39.1	39.7
-67.5°	29.2	30.1	30.9	31.7	32.4	33.1	33.8	34.5	35.2	35.8	36.4
-68.75°	26.6	27.1	27.9	28.6	29.3	30.0	30.7	31.3	31.9	32.5	33.0
-70°	25.0	25.4	25.8	26.2	26.6	26.9	27.5	28.1	28.6	29.2	29.7
-71.25°	23.3	23.7	24.1	24.5	24.8	25.1	25.5	25.8	26.1	26.4	26.6
-72.5°	22.3	22.5	22.6	22.8	23.1	23.4	23.7	24.0	24.2	24.5	24.8
-73.75°	21.4	21.6	21.8	21.9	22.1	22.2	22.4	22.5	22.6	22.8	22.9
-75°	20.5	20.7	20.9	21.0	21.2	21.3	21.4	21.6	21.7	21.8	21.9
-76.25°	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.7	20.9	21.0
-77.5°	18.0	18.2	18.3	18.5	18.7	18.9	19.0	19.2	19.3	19.5	19.6



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	16.0	16.3	16.6	16.9	17.1	17.4	17.6	17.8	17.9	18.1	18.2
-80°	13.9	14.2	14.4	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1
-81.25°	11.9	12.1	12.3	12.5	12.6	12.8	13.0	13.2	13.4	13.5	13.7
-82.5°	10.2	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.3	11.4	11.5
-83.75°	8.5	8.6	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6
-85°	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6	7.7
-86.25°	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7	5.7	5.8
-87.5°	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.9
-88.75°	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
87.5°	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
86.25°	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2	6.2
85°	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2	8.2
83.75°	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.2	10.2	10.2	10.3
82.5°	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.3	12.3	12.4
81.25°	13.9	14.0	14.1	14.3	14.4	14.5	14.6	14.7	14.7	14.8	14.9
80°	16.3	16.4	16.6	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5
78.75°	18.3	18.4	18.5	18.6	18.7	18.8	18.8	18.9	19.0	19.0	19.1
77.5°	19.7	19.9	20.0	20.1	20.2	20.3	20.3	20.4	20.5	20.6	20.6
76.25°	21.1	21.1	21.2	21.3	21.4	21.4	21.5	21.6	21.6	21.7	21.7
75°	22.0	22.1	22.2	22.3	22.4	22.5	22.5	22.6	22.7	22.7	22.7
73.75°	23.1	23.3	23.5	23.7	23.9	24.0	24.2	24.3	24.4	24.5	24.6
72.5°	25.0	25.2	25.4	25.6	25.8	26.0	26.2	26.3	26.4	26.6	26.7
71.25°	26.9	27.2	27.6	28.0	28.4	28.7	29.0	29.3	29.6	29.8	30.0
70°	30.2	30.6	31.1	31.5	31.9	32.2	32.6	32.9	33.1	33.4	33.6
68.75°	33.5	34.0	34.5	34.9	35.4	35.7	36.1	36.4	36.7	37.0	37.2
67.5°	36.9	37.4	37.9	38.4	38.8	39.2	39.6	40.0	40.3	40.5	40.8
66.25°	40.3	40.8	41.4	41.9	42.5	43.1	43.6	44.0	44.5	44.8	45.2
65°	44.2	44.9	45.7	46.3	46.9	47.5	48.1	48.6	49.0	49.4	49.7
63.75°	48.5	49.3	50.0	50.7	51.3	51.8	52.2	52.6	53.0	53.3	53.6
62.5°	52.3	53.0	53.6	54.2	54.7	55.2	55.7	56.1	56.5	56.9	57.2
61.25°	55.7	56.4	57.0	57.6	58.2	58.6	58.9	59.3	59.5	59.8	60.0
60°	58.8	59.3	59.8	60.2	60.7	61.1	61.4	61.8	62.1	62.4	62.6
58.75°	61.1	61.7	62.2	62.7	63.1	63.6	63.9	64.3	64.6	64.9	65.2
57.5°	63.5	64.1	64.6	65.1	65.6	66.0	66.4	66.8	67.1	67.5	67.7
56.25°	65.9	66.5	67.0	67.6	68.0	68.5	68.9	69.3	69.7	70.0	70.3
55°	68.2	68.8	69.4	70.0	70.5	71.0	71.4	71.8	72.2	72.5	72.8
53.75°	70.6	71.2	71.8	72.4	72.9	73.4	73.9	74.1	74.4	74.6	74.7
52.5°	72.9	73.6	74.0	74.4	74.7	75.1	75.4	75.6	75.9	76.1	76.3
51.25°	74.7	75.1	75.5	75.8	76.2	76.5	76.8	77.0	77.0	77.1	77.2
50°	76.0	76.5	76.9	77.0	77.1	77.3	77.4	77.4	77.5	77.6	77.7
48.75°	77.1	77.2	77.4	77.5	77.6	77.7	77.8	78.0	78.1	78.3	78.5
47.5°	77.5	77.7	77.8	78.0	78.3	78.5	78.8	79.0	79.2	79.3	79.5
46.25°	78.0	78.3	78.7	79.0	79.2	79.5	79.7	80.0	80.1	80.2	80.2
45°	78.9	79.3	79.6	79.9	80.1	80.2	80.4	80.5	80.6	80.7	80.7
43.75°	79.8	80.1	80.3	80.4	80.6	80.7	80.8	80.9	81.1	81.3	81.5
42.5°	80.4	80.5	80.7	80.9	81.0	81.3	81.6	81.9	82.1	82.3	82.5
41.25°	80.8	81.0	81.3	81.7	82.0	82.3	82.6	82.9	83.1	83.3	83.5
40°	81.5	81.9	82.3	82.6	83.0	83.3	83.6	83.9	84.1	84.3	84.5
38.75°	82.4	82.8	83.2	83.6	83.9	84.3	84.6	84.9	85.1	85.5	85.9
37.5°	83.3	83.7	84.1	84.5	84.9	85.2	85.9	86.5	87.0	87.5	87.9
36.25°	84.1	84.6	85.0	85.7	86.4	87.1	87.8	88.4	88.9	89.6	90.8
35°	85.0	85.7	86.6	87.5	88.2	89.0	90.2	91.8	93.3	94.6	95.8



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	86.5	87.5	88.4	89.2	91.2	93.2	95.0	96.7	98.2	99.6	102.9
32.5°	88.2	89.2	91.4	93.7	95.8	97.8	99.8	104.9	109.5	113.7	117.4
31.25°	90.6	93.3	95.8	98.1	101.6	107.8	113.5	118.8	123.6	128.0	132.1
30°	94.8	97.5	100.8	108.0	114.7	121.1	127.1	132.8	138.2	143.1	147.5
28.75°	98.9	105.4	113.2	120.7	127.7	134.7	141.3	147.5	153.1	158.3	163.0
27.5°	108.9	117.4	125.5	133.4	141.3	148.7	155.6	162.0	169.7	176.6	189.2
26.25°	120.3	129.1	138.1	146.6	154.8	162.6	172.0	183.7	204.2	224.7	260.9
25°	131.7	141.4	150.7	159.7	169.9	182.8	207.8	242.5	289.2	338.1	389.9
23.75°	143.4	153.5	163.5	175.4	199.6	234.6	291.3	355.3	421.9	490.1	554.1
22.5°	154.8	166.2	179.9	211.8	267.0	335.9	416.6	501.3	583.3	660.8	730.7
21.25°	167.1	184.7	219.2	288.9	374.0	467.6	566.8	662.3	751.9	835.3	909.4
20°	184.7	222.1	299.9	397.0	504.6	615.3	722.9	825.6	919.5	1001.1	1070.3
18.75°	219.2	299.9	404.8	523.3	645.2	764.3	879.3	980.8	1069.9	1144.9	1206.9
17.5°	288.9	397.0	523.3	655.2	785.4	910.7	1022.3	1116.4	1197.7	1267.1	1340.6
16.25°	374.0	504.6	645.2	785.4	920.8	1042.8	1144.7	1231.9	1317.9	1405.4	1511.9
15°	467.6	615.3	764.3	910.7	1042.8	1154.2	1249.1	1349.9	1464.1	1590.2	1736.6
13.75°	566.8	722.9	879.3	1022.3	1144.7	1249.1	1360.6	1494.2	1650.5	1822.8	2014.1
12.5°	662.3	825.6	980.8	1116.4	1231.9	1349.9	1494.2	1670.7	1874.8	2098.2	2349.5
11.25°	751.9	919.5	1069.9	1197.7	1317.9	1464.1	1650.5	1874.8	2132.0	2420.5	2717.0
10°	835.3	1001.1	1144.9	1267.1	1405.4	1590.2	1822.8	2098.2	2420.5	2758.8	3102.2
8.75°	909.4	1070.3	1206.9	1340.6	1511.9	1736.6	2014.1	2349.5	2717.0	3102.2	3483.3
7.5°	971.1	1127.1	1259.8	1407.8	1614.8	1881.7	2210.3	2593.6	3005.7	3429.6	3856.3
6.25°	1024.1	1174.9	1311.2	1485.6	1721.9	2022.5	2396.8	2817.8	3271.5	3733.7	4206.2
5°	1064.6	1210.7	1356.6	1550.7	1812.6	2154.1	2568.2	3024.5	3505.5	4009.0	4515.6
3.75°	1094.8	1238.9	1392.5	1608.0	1900.0	2270.3	2707.6	3190.8	3699.5	4236.4	4767.1
2.5°	1116.6	1259.3	1422.4	1656.0	1963.4	2354.9	2810.4	3316.6	3849.2	4406.5	4955.8
1.25°	1129.8	1271.6	1443.4	1685.1	2001.9	2406.3	2878.2	3393.8	3941.2	4511.5	5072.5
0°	1134.2	1275.7	1450.5	1694.9	2014.8	2423.6	2900.9	3419.9	3972.2	4547.0	5112.1
-1.25°	1129.8	1271.6	1443.4	1685.1	2001.9	2406.3	2878.2	3393.8	3941.2	4511.5	5072.5
-2.5°	1116.6	1259.3	1422.4	1656.0	1963.4	2354.9	2810.4	3316.6	3849.2	4406.5	4955.8
-3.75°	1094.8	1238.9	1392.5	1608.0	1900.0	2270.3	2707.6	3190.8	3699.5	4236.4	4767.1
-5°	1064.6	1210.7	1356.6	1550.7	1812.6	2154.1	2568.2	3024.5	3505.5	4009.0	4515.6
-6.25°	1024.1	1174.9	1311.2	1485.6	1721.9	2022.5	2396.8	2817.8	3271.5	3733.7	4206.2
-7.5°	971.1	1127.1	1259.8	1407.8	1614.8	1881.7	2210.3	2593.6	3005.7	3429.6	3856.3
-8.75°	909.4	1070.3	1206.9	1340.6	1511.9	1736.6	2014.1	2349.5	2717.0	3102.2	3483.3
-10°	835.3	1001.1	1144.9	1267.1	1405.4	1590.2	1822.8	2098.2	2420.5	2758.8	3102.2
-11.25°	751.9	919.5	1069.9	1197.7	1317.9	1464.1	1650.5	1874.8	2132.0	2420.5	2717.0
-12.5°	662.3	825.6	980.8	1116.4	1231.9	1349.9	1494.2	1670.7	1874.8	2098.2	2349.5
-13.75°	566.8	722.9	879.3	1022.3	1144.7	1249.1	1360.6	1494.2	1650.5	1822.8	2014.1
-15°	467.6	615.3	764.3	910.7	1042.8	1154.2	1249.1	1349.9	1464.1	1590.2	1736.6
-16.25°	374.0	504.6	645.2	785.4	920.8	1042.8	1144.7	1231.9	1317.9	1405.4	1511.9
-17.5°	288.9	397.0	523.3	655.2	785.4	910.7	1022.3	1116.4	1197.7	1267.1	1340.6
-18.75°	219.2	299.9	404.8	523.3	645.2	764.3	879.3	980.8	1069.9	1144.9	1206.9
-20°	184.7	222.1	299.9	397.0	504.6	615.3	722.9	825.6	919.5	1001.1	1070.3
-21.25°	167.1	184.7	219.2	288.9	374.0	467.6	566.8	662.3	751.9	835.3	909.4



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	154.8	166.2	179.9	211.8	267.0	335.9	416.6	501.3	583.3	660.8	730.7
-23.75°	143.4	153.5	163.5	175.4	199.6	234.6	291.3	355.3	421.9	490.1	554.1
-25°	131.7	141.4	150.7	159.7	169.9	182.8	207.8	242.5	289.2	338.1	389.9
-26.25°	120.3	129.1	138.1	146.6	154.8	162.6	172.0	183.7	204.2	224.7	260.9
-27.5°	108.9	117.4	125.5	133.4	141.3	148.7	155.6	162.0	169.7	176.6	189.2
-28.75°	98.9	105.4	113.2	120.7	127.7	134.7	141.3	147.5	153.1	158.3	163.0
-30°	94.8	97.5	100.8	108.0	114.7	121.1	127.1	132.8	138.2	143.1	147.5
-31.25°	90.6	93.3	95.8	98.1	101.6	107.8	113.5	118.8	123.6	128.0	132.1
-32.5°	88.2	89.2	91.4	93.7	95.8	97.8	99.8	104.9	109.5	113.7	117.4
-33.75°	86.5	87.5	88.4	89.2	91.2	93.2	95.0	96.7	98.2	99.6	102.9
-35°	85.0	85.7	86.6	87.5	88.2	89.0	90.2	91.8	93.3	94.6	95.8
-36.25°	84.1	84.6	85.0	85.7	86.4	87.1	87.8	88.4	88.9	89.6	90.8
-37.5°	83.3	83.7	84.1	84.5	84.9	85.2	85.9	86.5	87.0	87.5	87.9
-38.75°	82.4	82.8	83.2	83.6	83.9	84.3	84.6	84.9	85.1	85.5	85.9
-40°	81.5	81.9	82.3	82.6	83.0	83.3	83.6	83.9	84.1	84.3	84.5
-41.25°	80.8	81.0	81.3	81.7	82.0	82.3	82.6	82.9	83.1	83.3	83.5
-42.5°	80.4	80.5	80.7	80.9	81.0	81.3	81.6	81.9	82.1	82.3	82.5
-43.75°	79.8	80.1	80.3	80.4	80.6	80.7	80.8	80.9	81.1	81.3	81.5
-45°	78.9	79.3	79.6	79.9	80.1	80.2	80.4	80.5	80.6	80.7	80.7
-46.25°	78.0	78.3	78.7	79.0	79.2	79.5	79.7	80.0	80.1	80.2	80.2
-47.5°	77.5	77.7	77.8	78.0	78.3	78.5	78.8	79.0	79.2	79.3	79.5
-48.75°	77.1	77.2	77.4	77.5	77.6	77.7	77.8	78.0	78.1	78.3	78.5
-50°	76.0	76.5	76.9	77.0	77.1	77.3	77.4	77.4	77.5	77.6	77.7
-51.25°	74.7	75.1	75.5	75.8	76.2	76.5	76.8	77.0	77.0	77.1	77.2
-52.5°	72.9	73.6	74.0	74.4	74.7	75.1	75.4	75.6	75.9	76.1	76.3
-53.75°	70.6	71.2	71.8	72.4	72.9	73.4	73.9	74.1	74.4	74.6	74.7
-55°	68.2	68.8	69.4	70.0	70.5	71.0	71.4	71.8	72.2	72.5	72.8
-56.25°	65.9	66.5	67.0	67.6	68.0	68.5	68.9	69.3	69.7	70.0	70.3
-57.5°	63.5	64.1	64.6	65.1	65.6	66.0	66.4	66.8	67.1	67.5	67.7
-58.75°	61.1	61.7	62.2	62.7	63.1	63.6	63.9	64.3	64.6	64.9	65.2
-60°	58.8	59.3	59.8	60.2	60.7	61.1	61.4	61.8	62.1	62.4	62.6
-61.25°	55.7	56.4	57.0	57.6	58.2	58.6	58.9	59.3	59.5	59.8	60.0
-62.5°	52.3	53.0	53.6	54.2	54.7	55.2	55.7	56.1	56.5	56.9	57.2
-63.75°	48.5	49.3	50.0	50.7	51.3	51.8	52.2	52.6	53.0	53.3	53.6
-65°	44.2	44.9	45.7	46.3	46.9	47.5	48.1	48.6	49.0	49.4	49.7
-66.25°	40.3	40.8	41.4	41.9	42.5	43.1	43.6	44.0	44.5	44.8	45.2
-67.5°	36.9	37.4	37.9	38.4	38.8	39.2	39.6	40.0	40.3	40.5	40.8
-68.75°	33.5	34.0	34.5	34.9	35.4	35.7	36.1	36.4	36.7	37.0	37.2
-70°	30.2	30.6	31.1	31.5	31.9	32.2	32.6	32.9	33.1	33.4	33.6
-71.25°	26.9	27.2	27.6	28.0	28.4	28.7	29.0	29.3	29.6	29.8	30.0
-72.5°	25.0	25.2	25.4	25.6	25.8	26.0	26.2	26.3	26.4	26.6	26.7
-73.75°	23.1	23.3	23.5	23.7	23.9	24.0	24.2	24.3	24.4	24.5	24.6
-75°	22.0	22.1	22.2	22.3	22.4	22.5	22.5	22.6	22.7	22.7	22.7
-76.25°	21.1	21.1	21.2	21.3	21.4	21.4	21.5	21.6	21.6	21.7	21.7
-77.5°	19.7	19.9	20.0	20.1	20.2	20.3	20.3	20.4	20.5	20.6	20.6



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	18.3	18.4	18.5	18.6	18.7	18.8	18.8	18.9	19.0	19.0	19.1
-80°	16.3	16.4	16.6	16.7	16.9	17.0	17.1	17.2	17.3	17.4	17.5
-81.25°	13.9	14.0	14.1	14.3	14.4	14.5	14.6	14.7	14.7	14.8	14.9
-82.5°	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.2	12.3	12.3	12.4
-83.75°	9.7	9.8	9.8	9.9	10.0	10.0	10.1	10.2	10.2	10.2	10.3
-85°	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.2	8.2
-86.25°	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.2	6.2
-87.5°	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
-88.75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
86.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
85°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
83.75°	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
82.5°	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
81.25°	14.9	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.0
80°	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6
78.75°	19.1	19.2	19.2	19.2	19.2	19.2	19.3	19.2	19.2	19.2	19.2
77.5°	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7
76.25°	21.7	21.8	21.8	21.8	21.8	21.8	21.9	21.8	21.8	21.8	21.8
75°	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
73.75°	24.7	24.8	24.8	24.9	24.9	24.9	25.0	24.9	24.9	24.9	24.8
72.5°	26.7	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.9
71.25°	30.2	30.3	30.4	30.5	30.6	30.6	30.7	30.6	30.6	30.5	30.4
70°	33.8	33.9	34.1	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.1
68.75°	37.4	37.6	37.7	37.8	37.9	37.9	38.0	37.9	37.9	37.8	37.7
67.5°	41.0	41.2	41.3	41.5	41.5	41.6	41.6	41.6	41.5	41.5	41.3
66.25°	45.4	45.7	45.9	46.0	46.2	46.2	46.3	46.2	46.2	46.0	45.9
65°	50.1	50.3	50.5	50.7	50.8	50.9	50.9	50.9	50.8	50.7	50.5
63.75°	53.8	54.1	54.2	54.4	54.5	54.5	54.6	54.5	54.5	54.4	54.2
62.5°	57.5	57.7	57.9	58.0	58.1	58.2	58.2	58.2	58.1	58.0	57.9
61.25°	60.2	60.4	60.6	60.7	60.7	60.8	60.8	60.8	60.7	60.7	60.6
60°	62.8	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.3	63.3	63.1
58.75°	65.4	65.6	65.7	65.8	65.9	66.0	66.0	66.0	65.9	65.8	65.7
57.5°	68.0	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.5	68.4	68.3
56.25°	70.5	70.7	70.9	71.0	71.1	71.2	71.2	71.2	71.1	71.0	70.9
55°	73.1	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.7	73.6	73.5
53.75°	74.9	75.0	75.2	75.2	75.3	75.3	75.4	75.3	75.3	75.2	75.2
52.5°	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.8	76.8	76.7
51.25°	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.3
50°	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.8
48.75°	78.6	78.7	78.8	78.9	78.9	78.9	79.0	78.9	78.9	78.9	78.8
47.5°	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	79.9	79.8
46.25°	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.4
45°	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	80.9
43.75°	81.6	81.8	81.9	81.9	82.0	82.0	82.1	82.0	82.0	81.9	81.9
42.5°	82.7	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.0	82.9
41.25°	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.1	84.1	84.0	83.9
40°	84.7	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.1	85.1	85.0
38.75°	86.3	86.6	86.8	87.0	87.1	87.2	87.3	87.2	87.1	87.0	86.8
37.5°	88.3	88.6	88.8	89.0	89.2	89.3	89.3	89.3	89.2	89.0	88.8
36.25°	91.7	92.6	93.3	93.8	94.2	94.4	94.5	94.4	94.2	93.8	93.3
35°	96.8	97.7	98.4	99.0	99.4	99.6	99.7	99.6	99.4	99.0	98.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	106.0	108.7	110.9	112.6	113.8	114.6	114.8	114.6	113.8	112.6	110.9
32.5°	120.7	123.5	125.8	127.6	128.9	129.6	129.9	129.6	128.9	127.6	125.8
31.25°	135.7	138.8	141.4	143.4	144.8	145.7	146.0	145.7	144.8	143.4	141.4
30°	151.3	154.6	157.3	159.4	160.9	161.8	162.1	161.8	160.9	159.4	157.3
28.75°	168.2	172.6	176.3	179.9	185.1	188.3	189.4	188.3	185.1	179.9	176.3
27.5°	203.1	215.0	229.1	245.8	257.8	265.1	267.5	265.1	257.8	245.8	229.1
26.25°	292.7	322.2	352.8	376.8	394.1	404.5	408.0	404.5	394.1	376.8	352.8
25°	435.5	480.6	518.5	548.3	569.7	582.6	586.9	582.6	569.7	548.3	518.5
23.75°	611.3	661.4	702.9	735.5	759.4	773.8	778.7	773.8	759.4	735.5	702.9
22.5°	793.4	847.4	892.3	925.2	948.7	963.0	967.7	963.0	948.7	925.2	892.3
21.25°	971.1	1024.1	1064.6	1094.8	1116.6	1129.8	1134.2	1129.8	1116.6	1094.8	1064.6
20°	1127.1	1174.9	1210.7	1238.9	1259.3	1271.6	1275.7	1271.6	1259.3	1238.9	1210.7
18.75°	1259.8	1311.2	1356.6	1392.5	1422.4	1443.4	1450.5	1443.4	1422.4	1392.5	1356.6
17.5°	1407.8	1485.6	1550.7	1608.0	1656.0	1685.1	1694.9	1685.1	1656.0	1608.0	1550.7
16.25°	1614.8	1721.9	1812.6	1900.0	1963.4	2001.9	2014.8	2001.9	1963.4	1900.0	1812.6
15°	1881.7	2022.5	2154.1	2270.3	2354.9	2406.3	2423.6	2406.3	2354.9	2270.3	2154.1
13.75°	2210.3	2396.8	2568.2	2707.6	2810.4	2878.2	2900.9	2878.2	2810.4	2707.6	2568.2
12.5°	2593.6	2817.8	3024.5	3190.8	3316.6	3393.8	3419.9	3393.8	3316.6	3190.8	3024.5
11.25°	3005.7	3271.5	3505.5	3699.5	3849.2	3941.2	3972.2	3941.2	3849.2	3699.5	3505.5
10°	3429.6	3733.7	4009.0	4236.4	4406.5	4511.5	4547.0	4511.5	4406.5	4236.4	4009.0
8.75°	3856.3	4206.2	4515.6	4767.1	4955.8	5072.5	5112.1	5072.5	4955.8	4767.1	4515.6
7.5°	4274.2	4659.6	4997.2	5278.0	5488.4	5612.1	5654.4	5612.1	5488.4	5278.0	4997.2
6.25°	4659.6	5076.2	5449.6	5742.9	5954.5	6078.8	6121.9	6078.8	5954.5	5742.9	5449.6
5°	4997.2	5449.6	5832.7	6122.8	6338.6	6475.6	6523.9	6475.6	6338.6	6122.8	5832.7
3.75°	5278.0	5742.9	6122.8	6429.0	6648.1	6785.8	6830.9	6785.8	6648.1	6429.0	6122.8
2.5°	5488.4	5954.5	6338.6	6648.1	6878.7	7026.8	7068.8	7026.8	6878.7	6648.1	6338.6
1.25°	5612.1	6078.8	6475.6	6785.8	7026.8	7165.2	7221.7	7165.2	7026.8	6785.8	6475.6
0°	5654.4	6121.9	6523.9	6830.9	7068.8	7221.7	7330.0	7221.7	7068.8	6830.9	6523.9
-1.25°	5612.1	6078.8	6475.6	6785.8	7026.8	7165.2	7221.7	7165.2	7026.8	6785.8	6475.6
-2.5°	5488.4	5954.5	6338.6	6648.1	6878.7	7026.8	7068.8	7026.8	6878.7	6648.1	6338.6
-3.75°	5278.0	5742.9	6122.8	6429.0	6648.1	6785.8	6830.9	6785.8	6648.1	6429.0	6122.8
-5°	4997.2	5449.6	5832.7	6122.8	6338.6	6475.6	6523.9	6475.6	6338.6	6122.8	5832.7
-6.25°	4659.6	5076.2	5449.6	5742.9	5954.5	6078.8	6121.9	6078.8	5954.5	5742.9	5449.6
-7.5°	4274.2	4659.6	4997.2	5278.0	5488.4	5612.1	5654.4	5612.1	5488.4	5278.0	4997.2
-8.75°	3856.3	4206.2	4515.6	4767.1	4955.8	5072.5	5112.1	5072.5	4955.8	4767.1	4515.6
-10°	3429.6	3733.7	4009.0	4236.4	4406.5	4511.5	4547.0	4511.5	4406.5	4236.4	4009.0
-11.25°	3005.7	3271.5	3505.5	3699.5	3849.2	3941.2	3972.2	3941.2	3849.2	3699.5	3505.5
-12.5°	2593.6	2817.8	3024.5	3190.8	3316.6	3393.8	3419.9	3393.8	3316.6	3190.8	3024.5
-13.75°	2210.3	2396.8	2568.2	2707.6	2810.4	2878.2	2900.9	2878.2	2810.4	2707.6	2568.2
-15°	1881.7	2022.5	2154.1	2270.3	2354.9	2406.3	2423.6	2406.3	2354.9	2270.3	2154.1
-16.25°	1614.8	1721.9	1812.6	1900.0	1963.4	2001.9	2014.8	2001.9	1963.4	1900.0	1812.6
-17.5°	1407.8	1485.6	1550.7	1608.0	1656.0	1685.1	1694.9	1685.1	1656.0	1608.0	1550.7
-18.75°	1259.8	1311.2	1356.6	1392.5	1422.4	1443.4	1450.5	1443.4	1422.4	1392.5	1356.6
-20°	1127.1	1174.9	1210.7	1238.9	1259.3	1271.6	1275.7	1271.6	1259.3	1238.9	1210.7
-21.25°	971.1	1024.1	1064.6	1094.8	1116.6	1129.8	1134.2	1129.8	1116.6	1094.8	1064.6

REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	793.4	847.4	892.3	925.2	948.7	963.0	967.7	963.0	948.7	925.2	892.3
-23.75°	611.3	661.4	702.9	735.5	759.4	773.8	778.7	773.8	759.4	735.5	702.9
-25°	435.5	480.6	518.5	548.3	569.7	582.6	586.9	582.6	569.7	548.3	518.5
-26.25°	292.7	322.2	352.8	376.8	394.1	404.5	408.0	404.5	394.1	376.8	352.8
-27.5°	203.1	215.0	229.1	245.8	257.8	265.1	267.5	265.1	257.8	245.8	229.1
-28.75°	168.2	172.6	176.3	179.9	185.1	188.3	189.4	188.3	185.1	179.9	176.3
-30°	151.3	154.6	157.3	159.4	160.9	161.8	162.1	161.8	160.9	159.4	157.3
-31.25°	135.7	138.8	141.4	143.4	144.8	145.7	146.0	145.7	144.8	143.4	141.4
-32.5°	120.7	123.5	125.8	127.6	128.9	129.6	129.9	129.6	128.9	127.6	125.8
-33.75°	106.0	108.7	110.9	112.6	113.8	114.6	114.8	114.6	113.8	112.6	110.9
-35°	96.8	97.7	98.4	99.0	99.4	99.6	99.7	99.6	99.4	99.0	98.4
-36.25°	91.7	92.6	93.3	93.8	94.2	94.4	94.5	94.4	94.2	93.8	93.3
-37.5°	88.3	88.6	88.8	89.0	89.2	89.3	89.3	89.3	89.2	89.0	88.8
-38.75°	86.3	86.6	86.8	87.0	87.1	87.2	87.3	87.2	87.1	87.0	86.8
-40°	84.7	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.1	85.1	85.0
-41.25°	83.7	83.8	83.9	84.0	84.1	84.1	84.2	84.1	84.1	84.0	83.9
-42.5°	82.7	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.0	82.9
-43.75°	81.6	81.8	81.9	81.9	82.0	82.0	82.1	82.0	82.0	81.9	81.9
-45°	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	80.9
-46.25°	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.4
-47.5°	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	79.9	79.8
-48.75°	78.6	78.7	78.8	78.9	78.9	78.9	79.0	78.9	78.9	78.9	78.8
-50°	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.8
-51.25°	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.3
-52.5°	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.8	76.8	76.7
-53.75°	74.9	75.0	75.2	75.2	75.3	75.3	75.4	75.3	75.3	75.2	75.2
-55°	73.1	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.7	73.6	73.5
-56.25°	70.5	70.7	70.9	71.0	71.1	71.2	71.2	71.2	71.1	71.0	70.9
-57.5°	68.0	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.5	68.4	68.3
-58.75°	65.4	65.6	65.7	65.8	65.9	66.0	66.0	66.0	65.9	65.8	65.7
-60°	62.8	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.3	63.3	63.1
-61.25°	60.2	60.4	60.6	60.7	60.7	60.8	60.8	60.8	60.7	60.7	60.6
-62.5°	57.5	57.7	57.9	58.0	58.1	58.2	58.2	58.2	58.1	58.0	57.9
-63.75°	53.8	54.1	54.2	54.4	54.5	54.5	54.6	54.5	54.5	54.4	54.2
-65°	50.1	50.3	50.5	50.7	50.8	50.9	50.9	50.9	50.8	50.7	50.5
-66.25°	45.4	45.7	45.9	46.0	46.2	46.2	46.3	46.2	46.2	46.0	45.9
-67.5°	41.0	41.2	41.3	41.5	41.5	41.6	41.6	41.6	41.5	41.5	41.3
-68.75°	37.4	37.6	37.7	37.8	37.9	37.9	38.0	37.9	37.9	37.8	37.7
-70°	33.8	33.9	34.1	34.2	34.2	34.3	34.3	34.3	34.2	34.2	34.1
-71.25°	30.2	30.3	30.4	30.5	30.6	30.6	30.7	30.6	30.6	30.5	30.4
-72.5°	26.7	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	26.9	26.9
-73.75°	24.7	24.8	24.8	24.9	24.9	24.9	25.0	24.9	24.9	24.9	24.8
-75°	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
-76.25°	21.7	21.8	21.8	21.8	21.8	21.8	21.9	21.8	21.8	21.8	21.8
-77.5°	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.7



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	19.1	19.2	19.2	19.2	19.2	19.2	19.3	19.2	19.2	19.2	19.2
-80°	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6
-81.25°	14.9	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.0
-82.5°	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
-83.75°	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
-85°	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-86.25°	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2
-87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
-88.75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
87.5°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0
86.25°	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9
85°	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9
83.75°	10.3	10.3	10.3	10.2	10.2	10.2	10.1	10.0	10.0	9.9	9.8
82.5°	12.4	12.4	12.4	12.3	12.3	12.2	12.1	12.1	12.0	11.9	11.8
81.25°	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.5	14.4	14.3	14.1
80°	17.6	17.5	17.5	17.4	17.3	17.2	17.1	17.0	16.9	16.7	16.6
78.75°	19.2	19.1	19.1	19.0	19.0	18.9	18.8	18.8	18.7	18.6	18.5
77.5°	20.7	20.7	20.6	20.6	20.5	20.4	20.3	20.3	20.2	20.1	20.0
76.25°	21.8	21.7	21.7	21.7	21.6	21.6	21.5	21.4	21.4	21.3	21.2
75°	22.8	22.8	22.7	22.7	22.7	22.6	22.5	22.5	22.4	22.3	22.2
73.75°	24.8	24.7	24.6	24.5	24.4	24.3	24.2	24.0	23.9	23.7	23.5
72.5°	26.8	26.7	26.7	26.6	26.4	26.3	26.2	26.0	25.8	25.6	25.4
71.25°	30.3	30.2	30.0	29.8	29.6	29.3	29.0	28.7	28.4	28.0	27.6
70°	33.9	33.8	33.6	33.4	33.1	32.9	32.6	32.2	31.9	31.5	31.1
68.75°	37.6	37.4	37.2	37.0	36.7	36.4	36.1	35.7	35.4	34.9	34.5
67.5°	41.2	41.0	40.8	40.5	40.3	40.0	39.6	39.2	38.8	38.4	37.9
66.25°	45.7	45.4	45.2	44.8	44.5	44.0	43.6	43.1	42.5	41.9	41.4
65°	50.3	50.1	49.7	49.4	49.0	48.6	48.1	47.5	46.9	46.3	45.7
63.75°	54.1	53.8	53.6	53.3	53.0	52.6	52.2	51.8	51.3	50.7	50.0
62.5°	57.7	57.5	57.2	56.9	56.5	56.1	55.7	55.2	54.7	54.2	53.6
61.25°	60.4	60.2	60.0	59.8	59.5	59.3	58.9	58.6	58.2	57.6	57.0
60°	63.0	62.8	62.6	62.4	62.1	61.8	61.4	61.1	60.7	60.2	59.8
58.75°	65.6	65.4	65.2	64.9	64.6	64.3	63.9	63.6	63.1	62.7	62.2
57.5°	68.1	68.0	67.7	67.5	67.1	66.8	66.4	66.0	65.6	65.1	64.6
56.25°	70.7	70.5	70.3	70.0	69.7	69.3	68.9	68.5	68.0	67.6	67.0
55°	73.3	73.1	72.8	72.5	72.2	71.8	71.4	71.0	70.5	70.0	69.4
53.75°	75.0	74.9	74.7	74.6	74.4	74.1	73.9	73.4	72.9	72.4	71.8
52.5°	76.6	76.4	76.3	76.1	75.9	75.6	75.4	75.1	74.7	74.4	74.0
51.25°	77.3	77.2	77.2	77.1	77.0	77.0	76.8	76.5	76.2	75.8	75.5
50°	77.8	77.7	77.7	77.6	77.5	77.4	77.4	77.3	77.1	77.0	76.9
48.75°	78.7	78.6	78.5	78.3	78.1	78.0	77.8	77.7	77.6	77.5	77.4
47.5°	79.7	79.6	79.5	79.3	79.2	79.0	78.8	78.5	78.3	78.0	77.8
46.25°	80.4	80.3	80.2	80.2	80.1	80.0	79.7	79.5	79.2	79.0	78.7
45°	80.9	80.8	80.7	80.7	80.6	80.5	80.4	80.2	80.1	79.9	79.6
43.75°	81.8	81.6	81.5	81.3	81.1	80.9	80.8	80.7	80.6	80.4	80.3
42.5°	82.8	82.7	82.5	82.3	82.1	81.9	81.6	81.3	81.0	80.9	80.7
41.25°	83.8	83.7	83.5	83.3	83.1	82.9	82.6	82.3	82.0	81.7	81.3
40°	84.9	84.7	84.5	84.3	84.1	83.9	83.6	83.3	83.0	82.6	82.3
38.75°	86.6	86.3	85.9	85.5	85.1	84.9	84.6	84.3	83.9	83.6	83.2
37.5°	88.6	88.3	87.9	87.5	87.0	86.5	85.9	85.2	84.9	84.5	84.1
36.25°	92.6	91.7	90.8	89.6	88.9	88.4	87.8	87.1	86.4	85.7	85.0
35°	97.7	96.8	95.8	94.6	93.3	91.8	90.2	89.0	88.2	87.5	86.6



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	108.7	106.0	102.9	99.6	98.2	96.7	95.0	93.2	91.2	89.2	88.4
32.5°	123.5	120.7	117.4	113.7	109.5	104.9	99.8	97.8	95.8	93.7	91.4
31.25°	138.8	135.7	132.1	128.0	123.6	118.8	113.5	107.8	101.6	98.1	95.8
30°	154.6	151.3	147.5	143.1	138.2	132.8	127.1	121.1	114.7	108.0	100.8
28.75°	172.6	168.2	163.0	158.3	153.1	147.5	141.3	134.7	127.7	120.7	113.2
27.5°	215.0	203.1	189.2	176.6	169.7	162.0	155.6	148.7	141.3	133.4	125.5
26.25°	322.2	292.7	260.9	224.7	204.2	183.7	172.0	162.6	154.8	146.6	138.1
25°	480.6	435.5	389.9	338.1	289.2	242.5	207.8	182.8	169.9	159.7	150.7
23.75°	661.4	611.3	554.1	490.1	421.9	355.3	291.3	234.6	199.6	175.4	163.5
22.5°	847.4	793.4	730.7	660.8	583.3	501.3	416.6	335.9	267.0	211.8	179.9
21.25°	1024.1	971.1	909.4	835.3	751.9	662.3	566.8	467.6	374.0	288.9	219.2
20°	1174.9	1127.1	1070.3	1001.1	919.5	825.6	722.9	615.3	504.6	397.0	299.9
18.75°	1311.2	1259.8	1206.9	1144.9	1069.9	980.8	879.3	764.3	645.2	523.3	404.8
17.5°	1485.6	1407.8	1340.6	1267.1	1197.7	1116.4	1022.3	910.7	785.4	655.2	523.3
16.25°	1721.9	1614.8	1511.9	1405.4	1317.9	1231.9	1144.7	1042.8	920.8	785.4	645.2
15°	2022.5	1881.7	1736.6	1590.2	1464.1	1349.9	1249.1	1154.2	1042.8	910.7	764.3
13.75°	2396.8	2210.3	2014.1	1822.8	1650.5	1494.2	1360.6	1249.1	1144.7	1022.3	879.3
12.5°	2817.8	2593.6	2349.5	2098.2	1874.8	1670.7	1494.2	1349.9	1231.9	1116.4	980.8
11.25°	3271.5	3005.7	2717.0	2420.5	2132.0	1874.8	1650.5	1464.1	1317.9	1197.7	1069.9
10°	3733.7	3429.6	3102.2	2758.8	2420.5	2098.2	1822.8	1590.2	1405.4	1267.1	1144.9
8.75°	4206.2	3856.3	3483.3	3102.2	2717.0	2349.5	2014.1	1736.6	1511.9	1340.6	1206.9
7.5°	4659.6	4274.2	3856.3	3429.6	3005.7	2593.6	2210.3	1881.7	1614.8	1407.8	1259.8
6.25°	5076.2	4659.6	4206.2	3733.7	3271.5	2817.8	2396.8	2022.5	1721.9	1485.6	1311.2
5°	5449.6	4997.2	4515.6	4009.0	3505.5	3024.5	2568.2	2154.1	1812.6	1550.7	1356.6
3.75°	5742.9	5278.0	4767.1	4236.4	3699.5	3190.8	2707.6	2270.3	1900.0	1608.0	1392.5
2.5°	5954.5	5488.4	4955.8	4406.5	3849.2	3316.6	2810.4	2354.9	1963.4	1656.0	1422.4
1.25°	6078.8	5612.1	5072.5	4511.5	3941.2	3393.8	2878.2	2406.3	2001.9	1685.1	1443.4
0°	6121.9	5654.4	5112.1	4547.0	3972.2	3419.9	2900.9	2423.6	2014.8	1694.9	1450.5
-1.25°	6078.8	5612.1	5072.5	4511.5	3941.2	3393.8	2878.2	2406.3	2001.9	1685.1	1443.4
-2.5°	5954.5	5488.4	4955.8	4406.5	3849.2	3316.6	2810.4	2354.9	1963.4	1656.0	1422.4
-3.75°	5742.9	5278.0	4767.1	4236.4	3699.5	3190.8	2707.6	2270.3	1900.0	1608.0	1392.5
-5°	5449.6	4997.2	4515.6	4009.0	3505.5	3024.5	2568.2	2154.1	1812.6	1550.7	1356.6
-6.25°	5076.2	4659.6	4206.2	3733.7	3271.5	2817.8	2396.8	2022.5	1721.9	1485.6	1311.2
-7.5°	4659.6	4274.2	3856.3	3429.6	3005.7	2593.6	2210.3	1881.7	1614.8	1407.8	1259.8
-8.75°	4206.2	3856.3	3483.3	3102.2	2717.0	2349.5	2014.1	1736.6	1511.9	1340.6	1206.9
-10°	3733.7	3429.6	3102.2	2758.8	2420.5	2098.2	1822.8	1590.2	1405.4	1267.1	1144.9
-11.25°	3271.5	3005.7	2717.0	2420.5	2132.0	1874.8	1650.5	1464.1	1317.9	1197.7	1069.9
-12.5°	2817.8	2593.6	2349.5	2098.2	1874.8	1670.7	1494.2	1349.9	1231.9	1116.4	980.8
-13.75°	2396.8	2210.3	2014.1	1822.8	1650.5	1494.2	1360.6	1249.1	1144.7	1022.3	879.3
-15°	2022.5	1881.7	1736.6	1590.2	1464.1	1349.9	1249.1	1154.2	1042.8	910.7	764.3
-16.25°	1721.9	1614.8	1511.9	1405.4	1317.9	1231.9	1144.7	1042.8	920.8	785.4	645.2
-17.5°	1485.6	1407.8	1340.6	1267.1	1197.7	1116.4	1022.3	910.7	785.4	655.2	523.3
-18.75°	1311.2	1259.8	1206.9	1144.9	1069.9	980.8	879.3	764.3	645.2	523.3	404.8
-20°	1174.9	1127.1	1070.3	1001.1	919.5	825.6	722.9	615.3	504.6	397.0	299.9
-21.25°	1024.1	971.1	909.4	835.3	751.9	662.3	566.8	467.6	374.0	288.9	219.2



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	847.4	793.4	730.7	660.8	583.3	501.3	416.6	335.9	267.0	211.8	179.9
-23.75°	661.4	611.3	554.1	490.1	421.9	355.3	291.3	234.6	199.6	175.4	163.5
-25°	480.6	435.5	389.9	338.1	289.2	242.5	207.8	182.8	169.9	159.7	150.7
-26.25°	322.2	292.7	260.9	224.7	204.2	183.7	172.0	162.6	154.8	146.6	138.1
-27.5°	215.0	203.1	189.2	176.6	169.7	162.0	155.6	148.7	141.3	133.4	125.5
-28.75°	172.6	168.2	163.0	158.3	153.1	147.5	141.3	134.7	127.7	120.7	113.2
-30°	154.6	151.3	147.5	143.1	138.2	132.8	127.1	121.1	114.7	108.0	100.8
-31.25°	138.8	135.7	132.1	128.0	123.6	118.8	113.5	107.8	101.6	98.1	95.8
-32.5°	123.5	120.7	117.4	113.7	109.5	104.9	99.8	97.8	95.8	93.7	91.4
-33.75°	108.7	106.0	102.9	99.6	98.2	96.7	95.0	93.2	91.2	89.2	88.4
-35°	97.7	96.8	95.8	94.6	93.3	91.8	90.2	89.0	88.2	87.5	86.6
-36.25°	92.6	91.7	90.8	89.6	88.9	88.4	87.8	87.1	86.4	85.7	85.0
-37.5°	88.6	88.3	87.9	87.5	87.0	86.5	85.9	85.2	84.9	84.5	84.1
-38.75°	86.6	86.3	85.9	85.5	85.1	84.9	84.6	84.3	83.9	83.6	83.2
-40°	84.9	84.7	84.5	84.3	84.1	83.9	83.6	83.3	83.0	82.6	82.3
-41.25°	83.8	83.7	83.5	83.3	83.1	82.9	82.6	82.3	82.0	81.7	81.3
-42.5°	82.8	82.7	82.5	82.3	82.1	81.9	81.6	81.3	81.0	80.9	80.7
-43.75°	81.8	81.6	81.5	81.3	81.1	80.9	80.8	80.7	80.6	80.4	80.3
-45°	80.9	80.8	80.7	80.7	80.6	80.5	80.4	80.2	80.1	79.9	79.6
-46.25°	80.4	80.3	80.2	80.2	80.1	80.0	79.7	79.5	79.2	79.0	78.7
-47.5°	79.7	79.6	79.5	79.3	79.2	79.0	78.8	78.5	78.3	78.0	77.8
-48.75°	78.7	78.6	78.5	78.3	78.1	78.0	77.8	77.7	77.6	77.5	77.4
-50°	77.8	77.7	77.7	77.6	77.5	77.4	77.4	77.3	77.1	77.0	76.9
-51.25°	77.3	77.2	77.2	77.1	77.0	77.0	76.8	76.5	76.2	75.8	75.5
-52.5°	76.6	76.4	76.3	76.1	75.9	75.6	75.4	75.1	74.7	74.4	74.0
-53.75°	75.0	74.9	74.7	74.6	74.4	74.1	73.9	73.4	72.9	72.4	71.8
-55°	73.3	73.1	72.8	72.5	72.2	71.8	71.4	71.0	70.5	70.0	69.4
-56.25°	70.7	70.5	70.3	70.0	69.7	69.3	68.9	68.5	68.0	67.6	67.0
-57.5°	68.1	68.0	67.7	67.5	67.1	66.8	66.4	66.0	65.6	65.1	64.6
-58.75°	65.6	65.4	65.2	64.9	64.6	64.3	63.9	63.6	63.1	62.7	62.2
-60°	63.0	62.8	62.6	62.4	62.1	61.8	61.4	61.1	60.7	60.2	59.8
-61.25°	60.4	60.2	60.0	59.8	59.5	59.3	58.9	58.6	58.2	57.6	57.0
-62.5°	57.7	57.5	57.2	56.9	56.5	56.1	55.7	55.2	54.7	54.2	53.6
-63.75°	54.1	53.8	53.6	53.3	53.0	52.6	52.2	51.8	51.3	50.7	50.0
-65°	50.3	50.1	49.7	49.4	49.0	48.6	48.1	47.5	46.9	46.3	45.7
-66.25°	45.7	45.4	45.2	44.8	44.5	44.0	43.6	43.1	42.5	41.9	41.4
-67.5°	41.2	41.0	40.8	40.5	40.3	40.0	39.6	39.2	38.8	38.4	37.9
-68.75°	37.6	37.4	37.2	37.0	36.7	36.4	36.1	35.7	35.4	34.9	34.5
-70°	33.9	33.8	33.6	33.4	33.1	32.9	32.6	32.2	31.9	31.5	31.1
-71.25°	30.3	30.2	30.0	29.8	29.6	29.3	29.0	28.7	28.4	28.0	27.6
-72.5°	26.8	26.7	26.7	26.6	26.4	26.3	26.2	26.0	25.8	25.6	25.4
-73.75°	24.8	24.7	24.6	24.5	24.4	24.3	24.2	24.0	23.9	23.7	23.5
-75°	22.8	22.8	22.7	22.7	22.7	22.6	22.5	22.5	22.4	22.3	22.2
-76.25°	21.8	21.7	21.7	21.7	21.6	21.6	21.5	21.4	21.4	21.3	21.2
-77.5°	20.7	20.7	20.6	20.6	20.5	20.4	20.3	20.3	20.2	20.1	20.0



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CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	19.2	19.1	19.1	19.0	19.0	18.9	18.8	18.8	18.7	18.6	18.5
-80°	17.6	17.5	17.5	17.4	17.3	17.2	17.1	17.0	16.9	16.7	16.6
-81.25°	15.0	14.9	14.9	14.8	14.7	14.7	14.6	14.5	14.4	14.3	14.1
-82.5°	12.4	12.4	12.4	12.3	12.3	12.2	12.1	12.1	12.0	11.9	11.8
-83.75°	10.3	10.3	10.3	10.2	10.2	10.2	10.1	10.0	10.0	9.9	9.8
-85°	8.3	8.2	8.2	8.2	8.1	8.1	8.1	8.0	8.0	7.9	7.9
-86.25°	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	6.0	6.0	5.9
-87.5°	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0
-88.75°	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
87.5°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5
86.25°	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3
85°	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0
83.75°	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8
82.5°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.8	10.7	10.5
81.25°	14.0	13.9	13.7	13.5	13.4	13.2	13.0	12.8	12.6	12.5	12.3
80°	16.4	16.3	16.1	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.4
78.75°	18.4	18.3	18.2	18.1	17.9	17.8	17.6	17.4	17.1	16.9	16.6
77.5°	19.9	19.7	19.6	19.5	19.3	19.2	19.0	18.9	18.7	18.5	18.3
76.25°	21.1	21.1	21.0	20.9	20.7	20.6	20.4	20.2	20.0	19.8	19.6
75°	22.1	22.0	21.9	21.8	21.7	21.6	21.4	21.3	21.2	21.0	20.9
73.75°	23.3	23.1	22.9	22.8	22.6	22.5	22.4	22.2	22.1	21.9	21.8
72.5°	25.2	25.0	24.8	24.5	24.2	24.0	23.7	23.4	23.1	22.8	22.6
71.25°	27.2	26.9	26.6	26.4	26.1	25.8	25.5	25.1	24.8	24.5	24.1
70°	30.6	30.2	29.7	29.2	28.6	28.1	27.5	26.9	26.6	26.2	25.8
68.75°	34.0	33.5	33.0	32.5	31.9	31.3	30.7	30.0	29.3	28.6	27.9
67.5°	37.4	36.9	36.4	35.8	35.2	34.5	33.8	33.1	32.4	31.7	30.9
66.25°	40.8	40.3	39.7	39.1	38.4	37.7	37.0	36.3	35.5	34.7	33.9
65°	44.9	44.2	43.4	42.6	41.7	40.9	40.2	39.4	38.6	37.7	36.9
63.75°	49.3	48.5	47.6	46.7	45.8	44.8	43.8	42.8	41.7	40.8	39.9
62.5°	53.0	52.3	51.6	50.9	49.9	48.9	47.8	46.7	45.6	44.4	43.2
61.25°	56.4	55.7	54.9	54.2	53.4	52.5	51.6	50.7	49.5	48.2	46.9
60°	59.3	58.8	58.2	57.4	56.6	55.7	54.8	53.8	52.8	51.8	50.7
58.75°	61.7	61.1	60.6	60.0	59.3	58.7	57.9	56.9	55.9	54.8	53.7
57.5°	64.1	63.5	62.9	62.3	61.6	60.9	60.2	59.5	58.7	57.7	56.6
56.25°	66.5	65.9	65.2	64.6	63.9	63.2	62.4	61.6	60.8	60.0	59.1
55°	68.8	68.2	67.6	66.9	66.1	65.4	64.6	63.8	63.0	62.1	61.2
53.75°	71.2	70.6	69.9	69.2	68.4	67.6	66.8	66.0	65.1	64.2	63.2
52.5°	73.6	72.9	72.2	71.4	70.6	69.8	69.0	68.1	67.2	66.2	65.3
51.25°	75.1	74.7	74.2	73.7	72.9	72.0	71.1	70.2	69.3	68.3	67.3
50°	76.5	76.0	75.6	75.1	74.6	74.1	73.3	72.3	71.4	70.3	69.3
48.75°	77.2	77.1	76.9	76.4	75.9	75.4	74.8	74.2	73.4	72.4	71.3
47.5°	77.7	77.5	77.3	77.2	77.0	76.6	76.1	75.4	74.8	74.1	73.2
46.25°	78.3	78.0	77.8	77.6	77.4	77.2	77.0	76.7	76.0	75.3	74.6
45°	79.3	78.9	78.6	78.2	77.8	77.6	77.4	77.2	77.0	76.5	75.8
43.75°	80.1	79.8	79.5	79.1	78.7	78.2	77.8	77.6	77.4	77.2	76.9
42.5°	80.5	80.4	80.2	80.0	79.5	79.1	78.6	78.1	77.8	77.5	77.3
41.25°	81.0	80.8	80.6	80.4	80.2	79.9	79.4	78.9	78.4	77.9	77.6
40°	81.9	81.5	81.0	80.8	80.6	80.4	80.1	79.7	79.2	78.7	78.1
38.75°	82.8	82.4	81.9	81.5	81.0	80.8	80.5	80.3	80.0	79.4	78.8
37.5°	83.7	83.3	82.8	82.3	81.8	81.3	80.9	80.6	80.4	80.1	79.6
36.25°	84.6	84.1	83.7	83.2	82.6	82.1	81.6	81.0	80.7	80.4	80.1
35°	85.7	85.0	84.5	84.0	83.5	82.9	82.3	81.8	81.2	80.8	80.5



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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°	87.5	86.5	85.5	84.8	84.3	83.7	83.1	82.5	81.9	81.3	80.8
32.5°	89.2	88.2	87.1	86.1	85.1	84.5	83.9	83.3	82.6	82.0	81.3
31.25°	93.3	90.6	88.8	87.6	86.5	85.3	84.6	84.0	83.3	82.6	82.0
30°	97.5	94.8	92.0	89.2	88.0	86.8	85.5	84.7	84.0	83.3	82.6
28.75°	105.4	98.9	95.9	92.9	89.8	88.2	86.9	85.6	84.7	84.0	83.3
27.5°	117.4	108.9	100.1	96.7	93.5	90.2	88.3	86.9	85.5	84.6	83.9
26.25°	129.1	120.3	111.2	101.8	97.1	93.7	90.2	88.2	86.8	85.3	84.5
25°	141.4	131.7	122.1	112.4	102.4	97.1	93.5	89.8	88.0	86.5	85.1
23.75°	153.5	143.4	133.0	122.7	112.4	101.8	96.7	92.9	89.2	87.6	86.1
22.5°	166.2	154.8	144.1	133.0	122.1	111.2	100.1	95.9	92.0	88.8	87.1
21.25°	184.7	167.1	154.8	143.4	131.7	120.3	108.9	98.9	94.8	90.6	88.2
20°	222.1	184.7	166.2	153.5	141.4	129.1	117.4	105.4	97.5	93.3	89.2
18.75°	299.9	219.2	179.9	163.5	150.7	138.1	125.5	113.2	100.8	95.8	91.4
17.5°	397.0	288.9	211.8	175.4	159.7	146.6	133.4	120.7	108.0	98.1	93.7
16.25°	504.6	374.0	267.0	199.6	169.9	154.8	141.3	127.7	114.7	101.6	95.8
15°	615.3	467.6	335.9	234.6	182.8	162.6	148.7	134.7	121.1	107.8	97.8
13.75°	722.9	566.8	416.6	291.3	207.8	172.0	155.6	141.3	127.1	113.5	99.8
12.5°	825.6	662.3	501.3	355.3	242.5	183.7	162.0	147.5	132.8	118.8	104.9
11.25°	919.5	751.9	583.3	421.9	289.2	204.2	169.7	153.1	138.2	123.6	109.5
10°	1001.1	835.3	660.8	490.1	338.1	224.7	176.6	158.3	143.1	128.0	113.7
8.75°	1070.3	909.4	730.7	554.1	389.9	260.9	189.2	163.0	147.5	132.1	117.4
7.5°	1127.1	971.1	793.4	611.3	435.5	292.7	203.1	168.2	151.3	135.7	120.7
6.25°	1174.9	1024.1	847.4	661.4	480.6	322.2	215.0	172.6	154.6	138.8	123.5
5°	1210.7	1064.6	892.3	702.9	518.5	352.8	229.1	176.3	157.3	141.4	125.8
3.75°	1238.9	1094.8	925.2	735.5	548.3	376.8	245.8	179.9	159.4	143.4	127.6
2.5°	1259.3	1116.6	948.7	759.4	569.7	394.1	257.8	185.1	160.9	144.8	128.9
1.25°	1271.6	1129.8	963.0	773.8	582.6	404.5	265.1	188.3	161.8	145.7	129.6
0°	1275.7	1134.2	967.7	778.7	586.9	408.0	267.5	189.4	162.1	146.0	129.9
-1.25°	1271.6	1129.8	963.0	773.8	582.6	404.5	265.1	188.3	161.8	145.7	129.6
-2.5°	1259.3	1116.6	948.7	759.4	569.7	394.1	257.8	185.1	160.9	144.8	128.9
-3.75°	1238.9	1094.8	925.2	735.5	548.3	376.8	245.8	179.9	159.4	143.4	127.6
-5°	1210.7	1064.6	892.3	702.9	518.5	352.8	229.1	176.3	157.3	141.4	125.8
-6.25°	1174.9	1024.1	847.4	661.4	480.6	322.2	215.0	172.6	154.6	138.8	123.5
-7.5°	1127.1	971.1	793.4	611.3	435.5	292.7	203.1	168.2	151.3	135.7	120.7
-8.75°	1070.3	909.4	730.7	554.1	389.9	260.9	189.2	163.0	147.5	132.1	117.4
-10°	1001.1	835.3	660.8	490.1	338.1	224.7	176.6	158.3	143.1	128.0	113.7
-11.25°	919.5	751.9	583.3	421.9	289.2	204.2	169.7	153.1	138.2	123.6	109.5
-12.5°	825.6	662.3	501.3	355.3	242.5	183.7	162.0	147.5	132.8	118.8	104.9
-13.75°	722.9	566.8	416.6	291.3	207.8	172.0	155.6	141.3	127.1	113.5	99.8
-15°	615.3	467.6	335.9	234.6	182.8	162.6	148.7	134.7	121.1	107.8	97.8
-16.25°	504.6	374.0	267.0	199.6	169.9	154.8	141.3	127.7	114.7	101.6	95.8
-17.5°	397.0	288.9	211.8	175.4	159.7	146.6	133.4	120.7	108.0	98.1	93.7
-18.75°	299.9	219.2	179.9	163.5	150.7	138.1	125.5	113.2	100.8	95.8	91.4
-20°	222.1	184.7	166.2	153.5	141.4	129.1	117.4	105.4	97.5	93.3	89.2
-21.25°	184.7	167.1	154.8	143.4	131.7	120.3	108.9	98.9	94.8	90.6	88.2



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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°	166.2	154.8	144.1	133.0	122.1	111.2	100.1	95.9	92.0	88.8	87.1
-23.75°	153.5	143.4	133.0	122.7	112.4	101.8	96.7	92.9	89.2	87.6	86.1
-25°	141.4	131.7	122.1	112.4	102.4	97.1	93.5	89.8	88.0	86.5	85.1
-26.25°	129.1	120.3	111.2	101.8	97.1	93.7	90.2	88.2	86.8	85.3	84.5
-27.5°	117.4	108.9	100.1	96.7	93.5	90.2	88.3	86.9	85.5	84.6	83.9
-28.75°	105.4	98.9	95.9	92.9	89.8	88.2	86.9	85.6	84.7	84.0	83.3
-30°	97.5	94.8	92.0	89.2	88.0	86.8	85.5	84.7	84.0	83.3	82.6
-31.25°	93.3	90.6	88.8	87.6	86.5	85.3	84.6	84.0	83.3	82.6	82.0
-32.5°	89.2	88.2	87.1	86.1	85.1	84.5	83.9	83.3	82.6	82.0	81.3
-33.75°	87.5	86.5	85.5	84.8	84.3	83.7	83.1	82.5	81.9	81.3	80.8
-35°	85.7	85.0	84.5	84.0	83.5	82.9	82.3	81.8	81.2	80.8	80.5
-36.25°	84.6	84.1	83.7	83.2	82.6	82.1	81.6	81.0	80.7	80.4	80.1
-37.5°	83.7	83.3	82.8	82.3	81.8	81.3	80.9	80.6	80.4	80.1	79.6
-38.75°	82.8	82.4	81.9	81.5	81.0	80.8	80.5	80.3	80.0	79.4	78.8
-40°	81.9	81.5	81.0	80.8	80.6	80.4	80.1	79.7	79.2	78.7	78.1
-41.25°	81.0	80.8	80.6	80.4	80.2	79.9	79.4	78.9	78.4	77.9	77.6
-42.5°	80.5	80.4	80.2	80.0	79.5	79.1	78.6	78.1	77.8	77.5	77.3
-43.75°	80.1	79.8	79.5	79.1	78.7	78.2	77.8	77.6	77.4	77.2	76.9
-45°	79.3	78.9	78.6	78.2	77.8	77.6	77.4	77.2	77.0	76.5	75.8
-46.25°	78.3	78.0	77.8	77.6	77.4	77.2	77.0	76.7	76.0	75.3	74.6
-47.5°	77.7	77.5	77.3	77.2	77.0	76.6	76.1	75.4	74.8	74.1	73.2
-48.75°	77.2	77.1	76.9	76.4	75.9	75.4	74.8	74.2	73.4	72.4	71.3
-50°	76.5	76.0	75.6	75.1	74.6	74.1	73.3	72.3	71.4	70.3	69.3
-51.25°	75.1	74.7	74.2	73.7	72.9	72.0	71.1	70.2	69.3	68.3	67.3
-52.5°	73.6	72.9	72.2	71.4	70.6	69.8	69.0	68.1	67.2	66.2	65.3
-53.75°	71.2	70.6	69.9	69.2	68.4	67.6	66.8	66.0	65.1	64.2	63.2
-55°	68.8	68.2	67.6	66.9	66.1	65.4	64.6	63.8	63.0	62.1	61.2
-56.25°	66.5	65.9	65.2	64.6	63.9	63.2	62.4	61.6	60.8	60.0	59.1
-57.5°	64.1	63.5	62.9	62.3	61.6	60.9	60.2	59.5	58.7	57.7	56.6
-58.75°	61.7	61.1	60.6	60.0	59.3	58.7	57.9	56.9	55.9	54.8	53.7
-60°	59.3	58.8	58.2	57.4	56.6	55.7	54.8	53.8	52.8	51.8	50.7
-61.25°	56.4	55.7	54.9	54.2	53.4	52.5	51.6	50.7	49.5	48.2	46.9
-62.5°	53.0	52.3	51.6	50.9	49.9	48.9	47.8	46.7	45.6	44.4	43.2
-63.75°	49.3	48.5	47.6	46.7	45.8	44.8	43.8	42.8	41.7	40.8	39.9
-65°	44.9	44.2	43.4	42.6	41.7	40.9	40.2	39.4	38.6	37.7	36.9
-66.25°	40.8	40.3	39.7	39.1	38.4	37.7	37.0	36.3	35.5	34.7	33.9
-67.5°	37.4	36.9	36.4	35.8	35.2	34.5	33.8	33.1	32.4	31.7	30.9
-68.75°	34.0	33.5	33.0	32.5	31.9	31.3	30.7	30.0	29.3	28.6	27.9
-70°	30.6	30.2	29.7	29.2	28.6	28.1	27.5	26.9	26.6	26.2	25.8
-71.25°	27.2	26.9	26.6	26.4	26.1	25.8	25.5	25.1	24.8	24.5	24.1
-72.5°	25.2	25.0	24.8	24.5	24.2	24.0	23.7	23.4	23.1	22.8	22.6
-73.75°	23.3	23.1	22.9	22.8	22.6	22.5	22.4	22.2	22.1	21.9	21.8
-75°	22.1	22.0	21.9	21.8	21.7	21.6	21.4	21.3	21.2	21.0	20.9
-76.25°	21.1	21.1	21.0	20.9	20.7	20.6	20.4	20.2	20.0	19.8	19.6
-77.5°	19.9	19.7	19.6	19.5	19.3	19.2	19.0	18.9	18.7	18.5	18.3



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	18.4	18.3	18.2	18.1	17.9	17.8	17.6	17.4	17.1	16.9	16.6
-80°	16.4	16.3	16.1	15.9	15.7	15.5	15.3	15.1	14.9	14.7	14.4
-81.25°	14.0	13.9	13.7	13.5	13.4	13.2	13.0	12.8	12.6	12.5	12.3
-82.5°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.8	10.7	10.5
-83.75°	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8
-85°	7.8	7.7	7.7	7.6	7.5	7.5	7.4	7.3	7.2	7.1	7.0
-86.25°	5.9	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3
-87.5°	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.5
-88.75°	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
87.5°	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9
86.25°	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.4
85°	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8
83.75°	8.6	8.5	8.4	8.2	8.1	7.9	7.8	7.7	7.5	7.3	7.2
82.5°	10.4	10.2	10.1	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.6
81.25°	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.0
80°	14.2	13.9	13.6	13.4	13.1	12.8	12.5	12.3	12.0	11.7	11.5
78.75°	16.3	16.0	15.7	15.4	15.1	14.8	14.4	14.1	13.8	13.4	13.0
77.5°	18.2	18.0	17.8	17.5	17.1	16.8	16.4	16.0	15.6	15.2	14.8
76.25°	19.4	19.2	19.0	18.8	18.5	18.3	18.1	17.8	17.5	17.0	16.6
75°	20.7	20.5	20.2	20.0	19.7	19.5	19.2	18.9	18.7	18.4	18.1
73.75°	21.6	21.4	21.3	21.1	20.9	20.6	20.4	20.1	19.8	19.5	19.1
72.5°	22.5	22.3	22.1	21.9	21.7	21.5	21.3	21.1	20.8	20.5	20.2
71.25°	23.7	23.3	22.9	22.7	22.5	22.3	22.0	21.8	21.6	21.3	21.1
70°	25.4	25.0	24.6	24.1	23.7	23.2	22.8	22.6	22.3	22.1	21.8
68.75°	27.1	26.6	26.2	25.7	25.2	24.7	24.2	23.7	23.2	22.8	22.5
67.5°	30.1	29.2	28.4	27.5	26.8	26.3	25.7	25.2	24.6	24.0	23.5
66.25°	33.0	32.1	31.2	30.3	29.4	28.4	27.4	26.6	26.0	25.4	24.8
65°	36.0	35.0	34.1	33.1	32.1	31.1	30.0	28.9	27.8	26.8	26.2
63.75°	38.9	37.9	36.9	35.9	34.8	33.7	32.6	31.5	30.3	29.1	27.9
62.5°	41.9	40.8	39.7	38.6	37.5	36.4	35.2	34.0	32.8	31.5	30.3
61.25°	45.6	44.2	42.8	41.4	40.2	39.0	37.8	36.5	35.3	34.0	32.6
60°	49.3	47.8	46.4	44.8	43.3	41.7	40.4	39.1	37.7	36.4	35.0
58.75°	52.5	51.3	49.9	48.3	46.7	45.0	43.3	41.6	40.2	38.7	37.3
57.5°	55.4	54.1	52.9	51.6	50.1	48.3	46.5	44.7	42.9	41.1	39.6
56.25°	58.2	56.9	55.6	54.3	52.9	51.4	49.7	47.9	45.9	44.0	41.9
55°	60.2	59.3	58.3	56.9	55.5	54.0	52.5	50.9	49.0	46.9	44.8
53.75°	62.3	61.3	60.2	59.2	58.1	56.5	55.0	53.4	51.7	49.8	47.7
52.5°	64.3	63.2	62.2	61.1	60.0	58.8	57.4	55.8	54.1	52.4	50.5
51.25°	66.2	65.2	64.1	62.9	61.8	60.6	59.4	58.1	56.4	54.6	52.8
50°	68.2	67.1	65.9	64.8	63.6	62.4	61.1	59.8	58.5	56.8	55.0
48.75°	70.2	69.0	67.8	66.6	65.4	64.1	62.8	61.5	60.2	58.8	57.1
47.5°	72.1	70.9	69.7	68.4	67.1	65.8	64.5	63.1	61.8	60.4	58.9
46.25°	73.9	72.8	71.5	70.2	68.9	67.5	66.2	64.8	63.3	61.9	60.4
45°	75.1	74.3	73.3	72.0	70.6	69.2	67.8	66.4	64.9	63.4	61.9
43.75°	76.2	75.4	74.6	73.7	72.3	70.9	69.4	67.9	66.4	64.9	63.3
42.5°	77.0	76.5	75.6	74.8	73.9	72.5	71.0	69.5	67.9	66.4	64.8
41.25°	77.4	77.1	76.7	75.8	74.9	74.0	72.6	71.0	69.4	67.8	66.2
40°	77.7	77.4	77.2	76.8	75.9	75.0	74.0	72.5	70.9	69.2	67.5
38.75°	78.3	77.8	77.5	77.2	76.9	75.9	74.9	73.9	72.3	70.6	68.9
37.5°	79.0	78.3	77.8	77.5	77.2	76.8	75.8	74.8	73.7	72.0	70.2
36.25°	79.7	79.0	78.4	77.8	77.5	77.2	76.7	75.6	74.6	73.3	71.5
35°	80.2	79.7	79.0	78.3	77.8	77.4	77.1	76.5	75.4	74.3	72.8



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CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	80.5	80.2	79.7	79.0	78.3	77.7	77.4	77.0	76.2	75.1	73.9
32.5°	80.8	80.5	80.1	79.6	78.8	78.1	77.6	77.3	76.9	75.8	74.6
31.25°	81.3	80.8	80.4	80.1	79.4	78.7	77.9	77.5	77.2	76.5	75.3
30°	81.9	81.2	80.7	80.4	80.0	79.2	78.4	77.8	77.4	77.0	76.0
28.75°	82.5	81.8	81.0	80.6	80.3	79.7	78.9	78.1	77.6	77.2	76.7
27.5°	83.1	82.3	81.6	80.9	80.5	80.1	79.4	78.6	77.8	77.4	77.0
26.25°	83.7	82.9	82.1	81.3	80.8	80.4	79.9	79.1	78.2	77.6	77.2
25°	84.3	83.5	82.6	81.8	81.0	80.6	80.2	79.5	78.7	77.8	77.4
23.75°	84.8	84.0	83.2	82.3	81.5	80.8	80.4	80.0	79.1	78.2	77.6
22.5°	85.5	84.5	83.7	82.8	81.9	81.0	80.6	80.2	79.5	78.6	77.8
21.25°	86.5	85.0	84.1	83.3	82.4	81.5	80.8	80.4	79.8	78.9	78.0
20°	87.5	85.7	84.6	83.7	82.8	81.9	81.0	80.5	80.1	79.3	78.3
18.75°	88.4	86.6	85.0	84.1	83.2	82.3	81.3	80.7	80.3	79.6	78.7
17.5°	89.2	87.5	85.7	84.5	83.6	82.6	81.7	80.9	80.4	79.9	79.0
16.25°	91.2	88.2	86.4	84.9	83.9	83.0	82.0	81.0	80.6	80.1	79.2
15°	93.2	89.0	87.1	85.2	84.3	83.3	82.3	81.3	80.7	80.2	79.5
13.75°	95.0	90.2	87.8	85.9	84.6	83.6	82.6	81.6	80.8	80.4	79.7
12.5°	96.7	91.8	88.4	86.5	84.9	83.9	82.9	81.9	80.9	80.5	80.0
11.25°	98.2	93.3	88.9	87.0	85.1	84.1	83.1	82.1	81.1	80.6	80.1
10°	99.6	94.6	89.6	87.5	85.5	84.3	83.3	82.3	81.3	80.7	80.2
8.75°	102.9	95.8	90.8	87.9	85.9	84.5	83.5	82.5	81.5	80.7	80.2
7.5°	106.0	96.8	91.7	88.3	86.3	84.7	83.7	82.7	81.6	80.8	80.3
6.25°	108.7	97.7	92.6	88.6	86.6	84.9	83.8	82.8	81.8	80.9	80.4
5°	110.9	98.4	93.3	88.8	86.8	85.0	83.9	82.9	81.9	80.9	80.4
3.75°	112.6	99.0	93.8	89.0	87.0	85.1	84.0	83.0	81.9	81.0	80.5
2.5°	113.8	99.4	94.2	89.2	87.1	85.1	84.1	83.1	82.0	81.0	80.5
1.25°	114.6	99.6	94.4	89.3	87.2	85.2	84.1	83.1	82.0	81.0	80.5
0°	114.8	99.7	94.5	89.3	87.3	85.2	84.2	83.1	82.1	81.0	80.5
-1.25°	114.6	99.6	94.4	89.3	87.2	85.2	84.1	83.1	82.0	81.0	80.5
-2.5°	113.8	99.4	94.2	89.2	87.1	85.1	84.1	83.1	82.0	81.0	80.5
-3.75°	112.6	99.0	93.8	89.0	87.0	85.1	84.0	83.0	81.9	81.0	80.5
-5°	110.9	98.4	93.3	88.8	86.8	85.0	83.9	82.9	81.9	80.9	80.4
-6.25°	108.7	97.7	92.6	88.6	86.6	84.9	83.8	82.8	81.8	80.9	80.4
-7.5°	106.0	96.8	91.7	88.3	86.3	84.7	83.7	82.7	81.6	80.8	80.3
-8.75°	102.9	95.8	90.8	87.9	85.9	84.5	83.5	82.5	81.5	80.7	80.2
-10°	99.6	94.6	89.6	87.5	85.5	84.3	83.3	82.3	81.3	80.7	80.2
-11.25°	98.2	93.3	88.9	87.0	85.1	84.1	83.1	82.1	81.1	80.6	80.1
-12.5°	96.7	91.8	88.4	86.5	84.9	83.9	82.9	81.9	80.9	80.5	80.0
-13.75°	95.0	90.2	87.8	85.9	84.6	83.6	82.6	81.6	80.8	80.4	79.7
-15°	93.2	89.0	87.1	85.2	84.3	83.3	82.3	81.3	80.7	80.2	79.5
-16.25°	91.2	88.2	86.4	84.9	83.9	83.0	82.0	81.0	80.6	80.1	79.2
-17.5°	89.2	87.5	85.7	84.5	83.6	82.6	81.7	80.9	80.4	79.9	79.0
-18.75°	88.4	86.6	85.0	84.1	83.2	82.3	81.3	80.7	80.3	79.6	78.7
-20°	87.5	85.7	84.6	83.7	82.8	81.9	81.0	80.5	80.1	79.3	78.3
-21.25°	86.5	85.0	84.1	83.3	82.4	81.5	80.8	80.4	79.8	78.9	78.0



REPORT NUMBER: P220462 (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°	85.5	84.5	83.7	82.8	81.9	81.0	80.6	80.2	79.5	78.6	77.8
-23.75°	84.8	84.0	83.2	82.3	81.5	80.8	80.4	80.0	79.1	78.2	77.6
-25°	84.3	83.5	82.6	81.8	81.0	80.6	80.2	79.5	78.7	77.8	77.4
-26.25°	83.7	82.9	82.1	81.3	80.8	80.4	79.9	79.1	78.2	77.6	77.2
-27.5°	83.1	82.3	81.6	80.9	80.5	80.1	79.4	78.6	77.8	77.4	77.0
-28.75°	82.5	81.8	81.0	80.6	80.3	79.7	78.9	78.1	77.6	77.2	76.7
-30°	81.9	81.2	80.7	80.4	80.0	79.2	78.4	77.8	77.4	77.0	76.0
-31.25°	81.3	80.8	80.4	80.1	79.4	78.7	77.9	77.5	77.2	76.5	75.3
-32.5°	80.8	80.5	80.1	79.6	78.8	78.1	77.6	77.3	76.9	75.8	74.6
-33.75°	80.5	80.2	79.7	79.0	78.3	77.7	77.4	77.0	76.2	75.1	73.9
-35°	80.2	79.7	79.0	78.3	77.8	77.4	77.1	76.5	75.4	74.3	72.8
-36.25°	79.7	79.0	78.4	77.8	77.5	77.2	76.7	75.6	74.6	73.3	71.5
-37.5°	79.0	78.3	77.8	77.5	77.2	76.8	75.8	74.8	73.7	72.0	70.2
-38.75°	78.3	77.8	77.5	77.2	76.9	75.9	74.9	73.9	72.3	70.6	68.9
-40°	77.7	77.4	77.2	76.8	75.9	75.0	74.0	72.5	70.9	69.2	67.5
-41.25°	77.4	77.1	76.7	75.8	74.9	74.0	72.6	71.0	69.4	67.8	66.2
-42.5°	77.0	76.5	75.6	74.8	73.9	72.5	71.0	69.5	67.9	66.4	64.8
-43.75°	76.2	75.4	74.6	73.7	72.3	70.9	69.4	67.9	66.4	64.9	63.3
-45°	75.1	74.3	73.3	72.0	70.6	69.2	67.8	66.4	64.9	63.4	61.9
-46.25°	73.9	72.8	71.5	70.2	68.9	67.5	66.2	64.8	63.3	61.9	60.4
-47.5°	72.1	70.9	69.7	68.4	67.1	65.8	64.5	63.1	61.8	60.4	58.9
-48.75°	70.2	69.0	67.8	66.6	65.4	64.1	62.8	61.5	60.2	58.8	57.1
-50°	68.2	67.1	65.9	64.8	63.6	62.4	61.1	59.8	58.5	56.8	55.0
-51.25°	66.2	65.2	64.1	62.9	61.8	60.6	59.4	58.1	56.4	54.6	52.8
-52.5°	64.3	63.2	62.2	61.1	60.0	58.8	57.4	55.8	54.1	52.4	50.5
-53.75°	62.3	61.3	60.2	59.2	58.1	56.5	55.0	53.4	51.7	49.8	47.7
-55°	60.2	59.3	58.3	56.9	55.5	54.0	52.5	50.9	49.0	46.9	44.8
-56.25°	58.2	56.9	55.6	54.3	52.9	51.4	49.7	47.9	45.9	44.0	41.9
-57.5°	55.4	54.1	52.9	51.6	50.1	48.3	46.5	44.7	42.9	41.1	39.6
-58.75°	52.5	51.3	49.9	48.3	46.7	45.0	43.3	41.6	40.2	38.7	37.3
-60°	49.3	47.8	46.4	44.8	43.3	41.7	40.4	39.1	37.7	36.4	35.0
-61.25°	45.6	44.2	42.8	41.4	40.2	39.0	37.8	36.5	35.3	34.0	32.6
-62.5°	41.9	40.8	39.7	38.6	37.5	36.4	35.2	34.0	32.8	31.5	30.3
-63.75°	38.9	37.9	36.9	35.9	34.8	33.7	32.6	31.5	30.3	29.1	27.9
-65°	36.0	35.0	34.1	33.1	32.1	31.1	30.0	28.9	27.8	26.8	26.2
-66.25°	33.0	32.1	31.2	30.3	29.4	28.4	27.4	26.6	26.0	25.4	24.8
-67.5°	30.1	29.2	28.4	27.5	26.8	26.3	25.7	25.2	24.6	24.0	23.5
-68.75°	27.1	26.6	26.2	25.7	25.2	24.7	24.2	23.7	23.2	22.8	22.5
-70°	25.4	25.0	24.6	24.1	23.7	23.2	22.8	22.6	22.3	22.1	21.8
-71.25°	23.7	23.3	22.9	22.7	22.5	22.3	22.0	21.8	21.6	21.3	21.1
-72.5°	22.5	22.3	22.1	21.9	21.7	21.5	21.3	21.1	20.8	20.5	20.2
-73.75°	21.6	21.4	21.3	21.1	20.9	20.6	20.4	20.1	19.8	19.5	19.1
-75°	20.7	20.5	20.2	20.0	19.7	19.5	19.2	18.9	18.7	18.4	18.1
-76.25°	19.4	19.2	19.0	18.8	18.5	18.3	18.1	17.8	17.5	17.0	16.6
-77.5°	18.2	18.0	17.8	17.5	17.1	16.8	16.4	16.0	15.6	15.2	14.8



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	16.3	16.0	15.7	15.4	15.1	14.8	14.4	14.1	13.8	13.4	13.0
-80°	14.2	13.9	13.6	13.4	13.1	12.8	12.5	12.3	12.0	11.7	11.5
-81.25°	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.0
-82.5°	10.4	10.2	10.1	9.9	9.7	9.5	9.4	9.2	9.0	8.8	8.6
-83.75°	8.6	8.5	8.4	8.2	8.1	7.9	7.8	7.7	7.5	7.3	7.2
-85°	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.8
-86.25°	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.4
-87.5°	3.5	3.4	3.4	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9
-88.75°	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5
-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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0
87.5°	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1
86.25°	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1
85°	5.6	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.2
83.75°	7.0	6.9	6.7	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.2
82.5°	8.4	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.2
81.25°	9.8	9.6	9.3	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.3
80°	11.2	10.9	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3
78.75°	12.7	12.3	12.0	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3
77.5°	14.4	14.0	13.5	13.1	12.6	12.3	11.9	11.5	11.1	10.7	10.3
76.25°	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.7	12.2	11.8	11.4
75°	17.8	17.3	16.8	16.3	15.8	15.2	14.7	14.1	13.5	12.9	12.4
73.75°	18.8	18.5	18.1	17.8	17.3	16.7	16.1	15.5	14.9	14.3	13.6
72.5°	19.8	19.5	19.1	18.8	18.4	18.0	17.6	16.9	16.2	15.6	14.9
71.25°	20.8	20.5	20.1	19.7	19.3	18.9	18.5	18.1	17.6	16.9	16.1
70°	21.5	21.2	21.0	20.6	20.2	19.8	19.3	18.9	18.4	18.0	17.4
68.75°	22.2	21.9	21.6	21.3	21.0	20.6	20.2	19.7	19.2	18.7	18.2
67.5°	22.9	22.6	22.3	21.9	21.6	21.3	21.0	20.5	20.0	19.5	19.0
66.25°	24.2	23.6	22.9	22.6	22.2	21.9	21.5	21.2	20.8	20.3	19.7
65°	25.5	24.8	24.2	23.5	22.8	22.5	22.1	21.7	21.3	20.9	20.4
63.75°	26.8	26.1	25.4	24.7	23.9	23.2	22.6	22.2	21.8	21.4	21.0
62.5°	29.0	27.7	26.6	25.9	25.1	24.3	23.5	22.8	22.4	21.9	21.5
61.25°	31.3	29.9	28.5	27.1	26.2	25.4	24.6	23.7	22.9	22.4	22.0
60°	33.5	32.1	30.6	29.2	27.6	26.5	25.6	24.8	23.9	23.0	22.5
58.75°	35.8	34.3	32.8	31.2	29.7	28.1	26.7	25.8	24.8	23.9	23.0
57.5°	38.0	36.5	34.9	33.3	31.6	30.0	28.3	26.8	25.8	24.8	23.9
56.25°	40.3	38.6	37.0	35.3	33.6	31.9	30.2	28.4	26.8	25.8	24.8
55°	42.7	40.8	39.1	37.3	35.6	33.8	32.0	30.2	28.3	26.7	25.6
53.75°	45.5	43.3	41.1	39.3	37.5	35.7	33.8	31.9	30.0	28.1	26.5
52.5°	48.2	45.9	43.6	41.3	39.4	37.5	35.6	33.6	31.6	29.7	27.6
51.25°	50.9	48.6	46.2	43.7	41.3	39.3	37.3	35.3	33.3	31.2	29.2
50°	53.1	51.1	48.7	46.2	43.6	41.1	39.1	37.0	34.9	32.8	30.6
48.75°	55.1	53.1	51.1	48.6	45.9	43.3	40.8	38.6	36.5	34.3	32.1
47.5°	57.2	55.1	53.1	50.9	48.2	45.5	42.7	40.3	38.0	35.8	33.5
46.25°	58.9	57.1	55.0	52.8	50.5	47.7	44.8	41.9	39.6	37.3	35.0
45°	60.4	58.8	56.8	54.6	52.4	49.8	46.9	44.0	41.1	38.7	36.4
43.75°	61.8	60.2	58.5	56.4	54.1	51.7	49.0	45.9	42.9	40.2	37.7
42.5°	63.1	61.5	59.8	58.1	55.8	53.4	50.9	47.9	44.7	41.6	39.1
41.25°	64.5	62.8	61.1	59.4	57.4	55.0	52.5	49.7	46.5	43.3	40.4
40°	65.8	64.1	62.4	60.6	58.8	56.5	54.0	51.4	48.3	45.0	41.7
38.75°	67.1	65.4	63.6	61.8	60.0	58.1	55.5	52.9	50.1	46.7	43.3
37.5°	68.4	66.6	64.8	62.9	61.1	59.2	56.9	54.3	51.6	48.3	44.8
36.25°	69.7	67.8	65.9	64.1	62.2	60.2	58.3	55.6	52.9	49.9	46.4
35°	70.9	69.0	67.1	65.2	63.2	61.3	59.3	56.9	54.1	51.3	47.8



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	72.1	70.2	68.2	66.2	64.3	62.3	60.2	58.2	55.4	52.5	49.3
32.5°	73.2	71.3	69.3	67.3	65.3	63.2	61.2	59.1	56.6	53.7	50.7
31.25°	74.1	72.4	70.3	68.3	66.2	64.2	62.1	60.0	57.7	54.8	51.8
30°	74.8	73.4	71.4	69.3	67.2	65.1	63.0	60.8	58.7	55.9	52.8
28.75°	75.4	74.2	72.3	70.2	68.1	66.0	63.8	61.6	59.5	56.9	53.8
27.5°	76.1	74.8	73.3	71.1	69.0	66.8	64.6	62.4	60.2	57.9	54.8
26.25°	76.6	75.4	74.1	72.0	69.8	67.6	65.4	63.2	60.9	58.7	55.7
25°	77.0	75.9	74.6	72.9	70.6	68.4	66.1	63.9	61.6	59.3	56.6
23.75°	77.2	76.4	75.1	73.7	71.4	69.2	66.9	64.6	62.3	60.0	57.4
22.5°	77.3	76.9	75.6	74.2	72.2	69.9	67.6	65.2	62.9	60.6	58.2
21.25°	77.5	77.1	76.0	74.7	72.9	70.6	68.2	65.9	63.5	61.1	58.8
20°	77.7	77.2	76.5	75.1	73.6	71.2	68.8	66.5	64.1	61.7	59.3
18.75°	77.8	77.4	76.9	75.5	74.0	71.8	69.4	67.0	64.6	62.2	59.8
17.5°	78.0	77.5	77.0	75.8	74.4	72.4	70.0	67.6	65.1	62.7	60.2
16.25°	78.3	77.6	77.1	76.2	74.7	72.9	70.5	68.0	65.6	63.1	60.7
15°	78.5	77.7	77.3	76.5	75.1	73.4	71.0	68.5	66.0	63.6	61.1
13.75°	78.8	77.8	77.4	76.8	75.4	73.9	71.4	68.9	66.4	63.9	61.4
12.5°	79.0	78.0	77.4	77.0	75.6	74.1	71.8	69.3	66.8	64.3	61.8
11.25°	79.2	78.1	77.5	77.0	75.9	74.4	72.2	69.7	67.1	64.6	62.1
10°	79.3	78.3	77.6	77.1	76.1	74.6	72.5	70.0	67.5	64.9	62.4
8.75°	79.5	78.5	77.7	77.2	76.3	74.7	72.8	70.3	67.7	65.2	62.6
7.5°	79.6	78.6	77.7	77.2	76.4	74.9	73.1	70.5	68.0	65.4	62.8
6.25°	79.7	78.7	77.8	77.3	76.6	75.0	73.3	70.7	68.1	65.6	63.0
5°	79.8	78.8	77.8	77.3	76.7	75.2	73.5	70.9	68.3	65.7	63.1
3.75°	79.9	78.9	77.9	77.4	76.8	75.2	73.6	71.0	68.4	65.8	63.3
2.5°	80.0	78.9	77.9	77.4	76.8	75.3	73.7	71.1	68.5	65.9	63.3
1.25°	80.0	78.9	77.9	77.4	76.9	75.3	73.8	71.2	68.6	66.0	63.4
0°	80.0	79.0	77.9	77.4	76.9	75.4	73.8	71.2	68.6	66.0	63.4
-1.25°	80.0	78.9	77.9	77.4	76.9	75.3	73.8	71.2	68.6	66.0	63.4
-2.5°	80.0	78.9	77.9	77.4	76.8	75.3	73.7	71.1	68.5	65.9	63.3
-3.75°	79.9	78.9	77.9	77.4	76.8	75.2	73.6	71.0	68.4	65.8	63.3
-5°	79.8	78.8	77.8	77.3	76.7	75.2	73.5	70.9	68.3	65.7	63.1
-6.25°	79.7	78.7	77.8	77.3	76.6	75.0	73.3	70.7	68.1	65.6	63.0
-7.5°	79.6	78.6	77.7	77.2	76.4	74.9	73.1	70.5	68.0	65.4	62.8
-8.75°	79.5	78.5	77.7	77.2	76.3	74.7	72.8	70.3	67.7	65.2	62.6
-10°	79.3	78.3	77.6	77.1	76.1	74.6	72.5	70.0	67.5	64.9	62.4
-11.25°	79.2	78.1	77.5	77.0	75.9	74.4	72.2	69.7	67.1	64.6	62.1
-12.5°	79.0	78.0	77.4	77.0	75.6	74.1	71.8	69.3	66.8	64.3	61.8
-13.75°	78.8	77.8	77.4	76.8	75.4	73.9	71.4	68.9	66.4	63.9	61.4
-15°	78.5	77.7	77.3	76.5	75.1	73.4	71.0	68.5	66.0	63.6	61.1
-16.25°	78.3	77.6	77.1	76.2	74.7	72.9	70.5	68.0	65.6	63.1	60.7
-17.5°	78.0	77.5	77.0	75.8	74.4	72.4	70.0	67.6	65.1	62.7	60.2
-18.75°	77.8	77.4	76.9	75.5	74.0	71.8	69.4	67.0	64.6	62.2	59.8
-20°	77.7	77.2	76.5	75.1	73.6	71.2	68.8	66.5	64.1	61.7	59.3
-21.25°	77.5	77.1	76.0	74.7	72.9	70.6	68.2	65.9	63.5	61.1	58.8



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	77.3	76.9	75.6	74.2	72.2	69.9	67.6	65.2	62.9	60.6	58.2
-23.75°	77.2	76.4	75.1	73.7	71.4	69.2	66.9	64.6	62.3	60.0	57.4
-25°	77.0	75.9	74.6	72.9	70.6	68.4	66.1	63.9	61.6	59.3	56.6
-26.25°	76.6	75.4	74.1	72.0	69.8	67.6	65.4	63.2	60.9	58.7	55.7
-27.5°	76.1	74.8	73.3	71.1	69.0	66.8	64.6	62.4	60.2	57.9	54.8
-28.75°	75.4	74.2	72.3	70.2	68.1	66.0	63.8	61.6	59.5	56.9	53.8
-30°	74.8	73.4	71.4	69.3	67.2	65.1	63.0	60.8	58.7	55.9	52.8
-31.25°	74.1	72.4	70.3	68.3	66.2	64.2	62.1	60.0	57.7	54.8	51.8
-32.5°	73.2	71.3	69.3	67.3	65.3	63.2	61.2	59.1	56.6	53.7	50.7
-33.75°	72.1	70.2	68.2	66.2	64.3	62.3	60.2	58.2	55.4	52.5	49.3
-35°	70.9	69.0	67.1	65.2	63.2	61.3	59.3	56.9	54.1	51.3	47.8
-36.25°	69.7	67.8	65.9	64.1	62.2	60.2	58.3	55.6	52.9	49.9	46.4
-37.5°	68.4	66.6	64.8	62.9	61.1	59.2	56.9	54.3	51.6	48.3	44.8
-38.75°	67.1	65.4	63.6	61.8	60.0	58.1	55.5	52.9	50.1	46.7	43.3
-40°	65.8	64.1	62.4	60.6	58.8	56.5	54.0	51.4	48.3	45.0	41.7
-41.25°	64.5	62.8	61.1	59.4	57.4	55.0	52.5	49.7	46.5	43.3	40.4
-42.5°	63.1	61.5	59.8	58.1	55.8	53.4	50.9	47.9	44.7	41.6	39.1
-43.75°	61.8	60.2	58.5	56.4	54.1	51.7	49.0	45.9	42.9	40.2	37.7
-45°	60.4	58.8	56.8	54.6	52.4	49.8	46.9	44.0	41.1	38.7	36.4
-46.25°	58.9	57.1	55.0	52.8	50.5	47.7	44.8	41.9	39.6	37.3	35.0
-47.5°	57.2	55.1	53.1	50.9	48.2	45.5	42.7	40.3	38.0	35.8	33.5
-48.75°	55.1	53.1	51.1	48.6	45.9	43.3	40.8	38.6	36.5	34.3	32.1
-50°	53.1	51.1	48.7	46.2	43.6	41.1	39.1	37.0	34.9	32.8	30.6
-51.25°	50.9	48.6	46.2	43.7	41.3	39.3	37.3	35.3	33.3	31.2	29.2
-52.5°	48.2	45.9	43.6	41.3	39.4	37.5	35.6	33.6	31.6	29.7	27.6
-53.75°	45.5	43.3	41.1	39.3	37.5	35.7	33.8	31.9	30.0	28.1	26.5
-55°	42.7	40.8	39.1	37.3	35.6	33.8	32.0	30.2	28.3	26.7	25.6
-56.25°	40.3	38.6	37.0	35.3	33.6	31.9	30.2	28.4	26.8	25.8	24.8
-57.5°	38.0	36.5	34.9	33.3	31.6	30.0	28.3	26.8	25.8	24.8	23.9
-58.75°	35.8	34.3	32.8	31.2	29.7	28.1	26.7	25.8	24.8	23.9	23.0
-60°	33.5	32.1	30.6	29.2	27.6	26.5	25.6	24.8	23.9	23.0	22.5
-61.25°	31.3	29.9	28.5	27.1	26.2	25.4	24.6	23.7	22.9	22.4	22.0
-62.5°	29.0	27.7	26.6	25.9	25.1	24.3	23.5	22.8	22.4	21.9	21.5
-63.75°	26.8	26.1	25.4	24.7	23.9	23.2	22.6	22.2	21.8	21.4	21.0
-65°	25.5	24.8	24.2	23.5	22.8	22.5	22.1	21.7	21.3	20.9	20.4
-66.25°	24.2	23.6	22.9	22.6	22.2	21.9	21.5	21.2	20.8	20.3	19.7
-67.5°	22.9	22.6	22.3	21.9	21.6	21.3	21.0	20.5	20.0	19.5	19.0
-68.75°	22.2	21.9	21.6	21.3	21.0	20.6	20.2	19.7	19.2	18.7	18.2
-70°	21.5	21.2	21.0	20.6	20.2	19.8	19.3	18.9	18.4	18.0	17.4
-71.25°	20.8	20.5	20.1	19.7	19.3	18.9	18.5	18.1	17.6	16.9	16.1
-72.5°	19.8	19.5	19.1	18.8	18.4	18.0	17.6	16.9	16.2	15.6	14.9
-73.75°	18.8	18.5	18.1	17.8	17.3	16.7	16.1	15.5	14.9	14.3	13.6
-75°	17.8	17.3	16.8	16.3	15.8	15.2	14.7	14.1	13.5	12.9	12.4
-76.25°	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.7	12.2	11.8	11.4
-77.5°	14.4	14.0	13.5	13.1	12.6	12.3	11.9	11.5	11.1	10.7	10.3



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	12.7	12.3	12.0	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3
-80°	11.2	10.9	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3
-81.25°	9.8	9.6	9.3	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.3
-82.5°	8.4	8.2	8.0	7.8	7.6	7.4	7.1	6.9	6.7	6.5	6.2
-83.75°	7.0	6.9	6.7	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.2
-85°	5.6	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.2
-86.25°	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1
-87.5°	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1
-88.75°	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6
87.5°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
86.25°	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8
85°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3
83.75°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9
82.5°	6.0	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.5
81.25°	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.7	4.4	4.1
80°	8.0	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.7
78.75°	8.9	8.6	8.2	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.2
77.5°	9.9	9.5	9.1	8.7	8.3	7.9	7.5	7.1	6.6	6.2	5.8
76.25°	10.9	10.5	10.0	9.6	9.1	8.7	8.2	7.7	7.3	6.8	6.4
75°	11.9	11.4	10.9	10.4	10.0	9.4	8.9	8.4	7.9	7.4	6.9
73.75°	13.0	12.4	11.8	11.3	10.8	10.2	9.7	9.1	8.6	8.0	7.5
72.5°	14.2	13.5	12.8	12.2	11.6	11.0	10.4	9.8	9.2	8.6	8.0
71.25°	15.4	14.7	13.9	13.1	12.4	11.8	11.1	10.5	9.9	9.2	8.6
70°	16.6	15.8	15.0	14.2	13.4	12.5	11.9	11.2	10.5	9.8	9.1
68.75°	17.7	16.9	16.1	15.2	14.4	13.5	12.6	11.9	11.1	10.4	9.7
67.5°	18.5	17.9	17.2	16.3	15.3	14.4	13.5	12.5	11.8	11.0	10.2
66.25°	19.2	18.6	18.0	17.3	16.3	15.3	14.4	13.4	12.4	11.6	10.8
65°	19.8	19.3	18.7	18.1	17.3	16.3	15.2	14.2	13.1	12.2	11.3
63.75°	20.5	19.9	19.3	18.7	18.0	17.2	16.1	15.0	13.9	12.8	11.8
62.5°	21.1	20.6	19.9	19.3	18.6	17.9	16.9	15.8	14.7	13.5	12.4
61.25°	21.5	21.1	20.5	19.8	19.2	18.5	17.7	16.6	15.4	14.2	13.0
60°	22.0	21.5	21.0	20.4	19.7	19.0	18.2	17.4	16.1	14.9	13.6
58.75°	22.4	21.9	21.4	20.9	20.3	19.5	18.7	18.0	16.9	15.6	14.3
57.5°	22.9	22.4	21.8	21.3	20.8	20.0	19.2	18.4	17.6	16.2	14.9
56.25°	23.7	22.8	22.2	21.7	21.2	20.5	19.7	18.9	18.1	16.9	15.5
55°	24.6	23.5	22.6	22.1	21.5	21.0	20.2	19.3	18.5	17.6	16.1
53.75°	25.4	24.3	23.2	22.5	21.9	21.3	20.6	19.8	18.9	18.0	16.7
52.5°	26.2	25.1	23.9	22.8	22.2	21.6	21.0	20.2	19.3	18.4	17.3
51.25°	27.1	25.9	24.7	23.5	22.6	21.9	21.3	20.6	19.7	18.8	17.8
50°	28.5	26.6	25.4	24.2	22.9	22.3	21.6	21.0	20.1	19.1	18.1
48.75°	29.9	27.7	26.1	24.8	23.6	22.6	21.9	21.2	20.5	19.5	18.5
47.5°	31.3	29.0	26.8	25.5	24.2	22.9	22.2	21.5	20.8	19.8	18.8
46.25°	32.6	30.3	27.9	26.2	24.8	23.5	22.5	21.8	21.1	20.2	19.1
45°	34.0	31.5	29.1	26.8	25.4	24.0	22.8	22.1	21.3	20.5	19.5
43.75°	35.3	32.8	30.3	27.8	26.0	24.6	23.2	22.3	21.6	20.8	19.8
42.5°	36.5	34.0	31.5	28.9	26.6	25.2	23.7	22.6	21.8	21.1	20.1
41.25°	37.8	35.2	32.6	30.0	27.4	25.7	24.2	22.8	22.0	21.3	20.4
40°	39.0	36.4	33.7	31.1	28.4	26.3	24.7	23.2	22.3	21.5	20.6
38.75°	40.2	37.5	34.8	32.1	29.4	26.8	25.2	23.7	22.5	21.7	20.9
37.5°	41.4	38.6	35.9	33.1	30.3	27.5	25.7	24.1	22.7	21.9	21.1
36.25°	42.8	39.7	36.9	34.1	31.2	28.4	26.2	24.6	22.9	22.1	21.3
35°	44.2	40.8	37.9	35.0	32.1	29.2	26.6	25.0	23.3	22.3	21.4



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	45.6	41.9	38.9	36.0	33.0	30.1	27.1	25.4	23.7	22.5	21.6
32.5°	46.9	43.2	39.9	36.9	33.9	30.9	27.9	25.8	24.1	22.6	21.8
31.25°	48.2	44.4	40.8	37.7	34.7	31.7	28.6	26.2	24.5	22.8	21.9
30°	49.5	45.6	41.7	38.6	35.5	32.4	29.3	26.6	24.8	23.1	22.1
28.75°	50.7	46.7	42.8	39.4	36.3	33.1	30.0	26.9	25.1	23.4	22.2
27.5°	51.6	47.8	43.8	40.2	37.0	33.8	30.7	27.5	25.5	23.7	22.4
26.25°	52.5	48.9	44.8	40.9	37.7	34.5	31.3	28.1	25.8	24.0	22.5
25°	53.4	49.9	45.8	41.7	38.4	35.2	31.9	28.6	26.1	24.2	22.6
23.75°	54.2	50.9	46.7	42.6	39.1	35.8	32.5	29.2	26.4	24.5	22.8
22.5°	54.9	51.6	47.6	43.4	39.7	36.4	33.0	29.7	26.6	24.8	22.9
21.25°	55.7	52.3	48.5	44.2	40.3	36.9	33.5	30.2	26.9	25.0	23.1
20°	56.4	53.0	49.3	44.9	40.8	37.4	34.0	30.6	27.2	25.2	23.3
18.75°	57.0	53.6	50.0	45.7	41.4	37.9	34.5	31.1	27.6	25.4	23.5
17.5°	57.6	54.2	50.7	46.3	41.9	38.4	34.9	31.5	28.0	25.6	23.7
16.25°	58.2	54.7	51.3	46.9	42.5	38.8	35.4	31.9	28.4	25.8	23.9
15°	58.6	55.2	51.8	47.5	43.1	39.2	35.7	32.2	28.7	26.0	24.0
13.75°	58.9	55.7	52.2	48.1	43.6	39.6	36.1	32.6	29.0	26.2	24.2
12.5°	59.3	56.1	52.6	48.6	44.0	40.0	36.4	32.9	29.3	26.3	24.3
11.25°	59.5	56.5	53.0	49.0	44.5	40.3	36.7	33.1	29.6	26.4	24.4
10°	59.8	56.9	53.3	49.4	44.8	40.5	37.0	33.4	29.8	26.6	24.5
8.75°	60.0	57.2	53.6	49.7	45.2	40.8	37.2	33.6	30.0	26.7	24.6
7.5°	60.2	57.5	53.8	50.1	45.4	41.0	37.4	33.8	30.2	26.7	24.7
6.25°	60.4	57.7	54.1	50.3	45.7	41.2	37.6	33.9	30.3	26.8	24.8
5°	60.6	57.9	54.2	50.5	45.9	41.3	37.7	34.1	30.4	26.9	24.8
3.75°	60.7	58.0	54.4	50.7	46.0	41.5	37.8	34.2	30.5	26.9	24.9
2.5°	60.7	58.1	54.5	50.8	46.2	41.5	37.9	34.2	30.6	27.0	24.9
1.25°	60.8	58.2	54.5	50.9	46.2	41.6	37.9	34.3	30.6	27.0	24.9
0°	60.8	58.2	54.6	50.9	46.3	41.6	38.0	34.3	30.7	27.0	25.0
-1.25°	60.8	58.2	54.5	50.9	46.2	41.6	37.9	34.3	30.6	27.0	24.9
-2.5°	60.7	58.1	54.5	50.8	46.2	41.5	37.9	34.2	30.6	27.0	24.9
-3.75°	60.7	58.0	54.4	50.7	46.0	41.5	37.8	34.2	30.5	26.9	24.9
-5°	60.6	57.9	54.2	50.5	45.9	41.3	37.7	34.1	30.4	26.9	24.8
-6.25°	60.4	57.7	54.1	50.3	45.7	41.2	37.6	33.9	30.3	26.8	24.8
-7.5°	60.2	57.5	53.8	50.1	45.4	41.0	37.4	33.8	30.2	26.7	24.7
-8.75°	60.0	57.2	53.6	49.7	45.2	40.8	37.2	33.6	30.0	26.7	24.6
-10°	59.8	56.9	53.3	49.4	44.8	40.5	37.0	33.4	29.8	26.6	24.5
-11.25°	59.5	56.5	53.0	49.0	44.5	40.3	36.7	33.1	29.6	26.4	24.4
-12.5°	59.3	56.1	52.6	48.6	44.0	40.0	36.4	32.9	29.3	26.3	24.3
-13.75°	58.9	55.7	52.2	48.1	43.6	39.6	36.1	32.6	29.0	26.2	24.2
-15°	58.6	55.2	51.8	47.5	43.1	39.2	35.7	32.2	28.7	26.0	24.0
-16.25°	58.2	54.7	51.3	46.9	42.5	38.8	35.4	31.9	28.4	25.8	23.9
-17.5°	57.6	54.2	50.7	46.3	41.9	38.4	34.9	31.5	28.0	25.6	23.7
-18.75°	57.0	53.6	50.0	45.7	41.4	37.9	34.5	31.1	27.6	25.4	23.5
-20°	56.4	53.0	49.3	44.9	40.8	37.4	34.0	30.6	27.2	25.2	23.3
-21.25°	55.7	52.3	48.5	44.2	40.3	36.9	33.5	30.2	26.9	25.0	23.1

REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	54.9	51.6	47.6	43.4	39.7	36.4	33.0	29.7	26.6	24.8	22.9
-23.75°	54.2	50.9	46.7	42.6	39.1	35.8	32.5	29.2	26.4	24.5	22.8
-25°	53.4	49.9	45.8	41.7	38.4	35.2	31.9	28.6	26.1	24.2	22.6
-26.25°	52.5	48.9	44.8	40.9	37.7	34.5	31.3	28.1	25.8	24.0	22.5
-27.5°	51.6	47.8	43.8	40.2	37.0	33.8	30.7	27.5	25.5	23.7	22.4
-28.75°	50.7	46.7	42.8	39.4	36.3	33.1	30.0	26.9	25.1	23.4	22.2
-30°	49.5	45.6	41.7	38.6	35.5	32.4	29.3	26.6	24.8	23.1	22.1
-31.25°	48.2	44.4	40.8	37.7	34.7	31.7	28.6	26.2	24.5	22.8	21.9
-32.5°	46.9	43.2	39.9	36.9	33.9	30.9	27.9	25.8	24.1	22.6	21.8
-33.75°	45.6	41.9	38.9	36.0	33.0	30.1	27.1	25.4	23.7	22.5	21.6
-35°	44.2	40.8	37.9	35.0	32.1	29.2	26.6	25.0	23.3	22.3	21.4
-36.25°	42.8	39.7	36.9	34.1	31.2	28.4	26.2	24.6	22.9	22.1	21.3
-37.5°	41.4	38.6	35.9	33.1	30.3	27.5	25.7	24.1	22.7	21.9	21.1
-38.75°	40.2	37.5	34.8	32.1	29.4	26.8	25.2	23.7	22.5	21.7	20.9
-40°	39.0	36.4	33.7	31.1	28.4	26.3	24.7	23.2	22.3	21.5	20.6
-41.25°	37.8	35.2	32.6	30.0	27.4	25.7	24.2	22.8	22.0	21.3	20.4
-42.5°	36.5	34.0	31.5	28.9	26.6	25.2	23.7	22.6	21.8	21.1	20.1
-43.75°	35.3	32.8	30.3	27.8	26.0	24.6	23.2	22.3	21.6	20.8	19.8
-45°	34.0	31.5	29.1	26.8	25.4	24.0	22.8	22.1	21.3	20.5	19.5
-46.25°	32.6	30.3	27.9	26.2	24.8	23.5	22.5	21.8	21.1	20.2	19.1
-47.5°	31.3	29.0	26.8	25.5	24.2	22.9	22.2	21.5	20.8	19.8	18.8
-48.75°	29.9	27.7	26.1	24.8	23.6	22.6	21.9	21.2	20.5	19.5	18.5
-50°	28.5	26.6	25.4	24.2	22.9	22.3	21.6	21.0	20.1	19.1	18.1
-51.25°	27.1	25.9	24.7	23.5	22.6	21.9	21.3	20.6	19.7	18.8	17.8
-52.5°	26.2	25.1	23.9	22.8	22.2	21.6	21.0	20.2	19.3	18.4	17.3
-53.75°	25.4	24.3	23.2	22.5	21.9	21.3	20.6	19.8	18.9	18.0	16.7
-55°	24.6	23.5	22.6	22.1	21.5	21.0	20.2	19.3	18.5	17.6	16.1
-56.25°	23.7	22.8	22.2	21.7	21.2	20.5	19.7	18.9	18.1	16.9	15.5
-57.5°	22.9	22.4	21.8	21.3	20.8	20.0	19.2	18.4	17.6	16.2	14.9
-58.75°	22.4	21.9	21.4	20.9	20.3	19.5	18.7	18.0	16.9	15.6	14.3
-60°	22.0	21.5	21.0	20.4	19.7	19.0	18.2	17.4	16.1	14.9	13.6
-61.25°	21.5	21.1	20.5	19.8	19.2	18.5	17.7	16.6	15.4	14.2	13.0
-62.5°	21.1	20.6	19.9	19.3	18.6	17.9	16.9	15.8	14.7	13.5	12.4
-63.75°	20.5	19.9	19.3	18.7	18.0	17.2	16.1	15.0	13.9	12.8	11.8
-65°	19.8	19.3	18.7	18.1	17.3	16.3	15.2	14.2	13.1	12.2	11.3
-66.25°	19.2	18.6	18.0	17.3	16.3	15.3	14.4	13.4	12.4	11.6	10.8
-67.5°	18.5	17.9	17.2	16.3	15.3	14.4	13.5	12.5	11.8	11.0	10.2
-68.75°	17.7	16.9	16.1	15.2	14.4	13.5	12.6	11.9	11.1	10.4	9.7
-70°	16.6	15.8	15.0	14.2	13.4	12.5	11.9	11.2	10.5	9.8	9.1
-71.25°	15.4	14.7	13.9	13.1	12.4	11.8	11.1	10.5	9.9	9.2	8.6
-72.5°	14.2	13.5	12.8	12.2	11.6	11.0	10.4	9.8	9.2	8.6	8.0
-73.75°	13.0	12.4	11.8	11.3	10.8	10.2	9.7	9.1	8.6	8.0	7.5
-75°	11.9	11.4	10.9	10.4	10.0	9.4	8.9	8.4	7.9	7.4	6.9
-76.25°	10.9	10.5	10.0	9.6	9.1	8.7	8.2	7.7	7.3	6.8	6.4
-77.5°	9.9	9.5	9.1	8.7	8.3	7.9	7.5	7.1	6.6	6.2	5.8



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	8.9	8.6	8.2	7.9	7.5	7.1	6.7	6.4	6.0	5.6	5.2
-80°	8.0	7.6	7.3	7.0	6.7	6.3	6.0	5.7	5.3	5.0	4.7
-81.25°	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.7	4.4	4.1
-82.5°	6.0	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.5
-83.75°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	2.9
-85°	4.0	3.9	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3
-86.25°	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8
-87.5°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
-88.75°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	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: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
87.5°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
86.25°	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
85°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
83.75°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
82.5°	3.3	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
81.25°	3.8	3.5	3.2	2.9	2.5	2.2	1.9	1.6	1.3	1.0	0.6
80°	4.3	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.5	1.1	0.7
78.75°	4.8	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.8
77.5°	5.4	4.9	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	0.9
76.25°	5.9	5.4	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
75°	6.4	5.9	5.4	4.8	4.3	3.8	3.3	2.7	2.2	1.6	1.1
73.75°	6.9	6.4	5.8	5.2	4.7	4.1	3.5	2.9	2.3	1.8	1.2
72.5°	7.4	6.8	6.2	5.6	5.0	4.4	3.8	3.2	2.5	1.9	1.3
71.25°	7.9	7.3	6.6	6.0	5.3	4.7	4.0	3.4	2.7	2.0	1.3
70°	8.4	7.7	7.1	6.4	5.7	5.0	4.3	3.6	2.9	2.2	1.4
68.75°	8.9	8.2	7.5	6.7	6.0	5.3	4.5	3.8	3.0	2.3	1.5
67.5°	9.4	8.7	7.9	7.1	6.3	5.6	4.8	4.0	3.2	2.4	1.6
66.25°	10.0	9.1	8.3	7.5	6.7	5.9	5.0	4.2	3.4	2.5	1.7
65°	10.4	9.6	8.7	7.9	7.0	6.1	5.3	4.4	3.5	2.7	1.8
63.75°	10.9	10.0	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.8	1.9
62.5°	11.4	10.5	9.5	8.6	7.6	6.7	5.8	4.8	3.9	2.9	1.9
61.25°	11.9	10.9	9.9	8.9	8.0	7.0	6.0	5.0	4.0	3.0	2.0
60°	12.4	11.4	10.3	9.3	8.3	7.3	6.2	5.2	4.2	3.1	2.1
58.75°	12.9	11.8	10.7	9.7	8.6	7.5	6.5	5.4	4.3	3.3	2.2
57.5°	13.5	12.2	11.1	10.0	8.9	7.8	6.7	5.6	4.5	3.4	2.3
56.25°	14.1	12.7	11.5	10.4	9.2	8.1	6.9	5.8	4.7	3.5	2.3
55°	14.7	13.2	11.9	10.7	9.5	8.3	7.1	6.0	4.8	3.6	2.4
53.75°	15.2	13.7	12.3	11.0	9.8	8.6	7.4	6.2	4.9	3.7	2.5
52.5°	15.8	14.2	12.6	11.4	10.1	8.8	7.6	6.3	5.1	3.8	2.6
51.25°	16.3	14.7	13.1	11.7	10.4	9.1	7.8	6.5	5.2	3.9	2.6
50°	16.8	15.2	13.5	12.0	10.7	9.3	8.0	6.7	5.4	4.0	2.7
48.75°	17.3	15.7	14.0	12.3	10.9	9.6	8.2	6.9	5.5	4.2	2.8
47.5°	17.8	16.1	14.4	12.7	11.2	9.8	8.4	7.0	5.6	4.3	2.8
46.25°	18.1	16.6	14.8	13.0	11.5	10.0	8.6	7.2	5.8	4.4	2.9
45°	18.4	17.0	15.2	13.4	11.7	10.3	8.8	7.3	5.9	4.4	3.0
43.75°	18.7	17.5	15.6	13.8	12.0	10.5	9.0	7.5	6.0	4.5	3.0
42.5°	18.9	17.8	16.0	14.1	12.3	10.7	9.2	7.7	6.1	4.6	3.1
41.25°	19.2	18.1	16.4	14.4	12.5	10.9	9.4	7.8	6.3	4.7	3.2
40°	19.5	18.3	16.8	14.8	12.8	11.1	9.5	7.9	6.4	4.8	3.2
38.75°	19.7	18.5	17.1	15.1	13.1	11.3	9.7	8.1	6.5	4.9	3.3
37.5°	20.0	18.8	17.5	15.4	13.4	11.5	9.9	8.2	6.6	5.0	3.3
36.25°	20.2	19.0	17.8	15.7	13.6	11.7	10.1	8.4	6.7	5.1	3.4
35°	20.5	19.2	18.0	16.0	13.9	11.9	10.2	8.5	6.8	5.1	3.4



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	20.7	19.4	18.2	16.3	14.2	12.1	10.4	8.6	6.9	5.2	3.5
32.5°	20.9	19.6	18.3	16.6	14.4	12.3	10.5	8.8	7.0	5.3	3.5
31.25°	21.0	19.8	18.5	16.9	14.7	12.5	10.7	8.9	7.1	5.4	3.6
30°	21.2	20.0	18.7	17.1	14.9	12.6	10.8	9.0	7.2	5.4	3.6
28.75°	21.3	20.2	18.9	17.4	15.1	12.8	10.9	9.1	7.3	5.5	3.7
27.5°	21.4	20.4	19.0	17.6	15.3	13.0	11.1	9.2	7.4	5.6	3.7
26.25°	21.6	20.6	19.2	17.8	15.5	13.2	11.2	9.3	7.5	5.6	3.8
25°	21.7	20.7	19.3	17.9	15.7	13.4	11.3	9.4	7.5	5.7	3.8
23.75°	21.8	20.9	19.5	18.1	15.9	13.5	11.4	9.5	7.6	5.7	3.8
22.5°	21.9	21.0	19.6	18.2	16.1	13.7	11.5	9.6	7.7	5.8	3.9
21.25°	22.0	21.1	19.7	18.3	16.3	13.9	11.6	9.7	7.7	5.8	3.9
20°	22.1	21.1	19.9	18.4	16.4	14.0	11.7	9.8	7.8	5.9	3.9
18.75°	22.2	21.2	20.0	18.5	16.6	14.1	11.8	9.8	7.9	5.9	4.0
17.5°	22.3	21.3	20.1	18.6	16.7	14.3	11.9	9.9	7.9	6.0	4.0
16.25°	22.4	21.4	20.2	18.7	16.9	14.4	12.0	10.0	8.0	6.0	4.0
15°	22.5	21.4	20.3	18.8	17.0	14.5	12.1	10.0	8.0	6.0	4.1
13.75°	22.5	21.5	20.3	18.8	17.1	14.6	12.1	10.1	8.1	6.1	4.1
12.5°	22.6	21.6	20.4	18.9	17.2	14.7	12.2	10.2	8.1	6.1	4.1
11.25°	22.7	21.6	20.5	19.0	17.3	14.7	12.3	10.2	8.1	6.1	4.1
10°	22.7	21.7	20.6	19.0	17.4	14.8	12.3	10.2	8.2	6.2	4.1
8.75°	22.7	21.7	20.6	19.1	17.5	14.9	12.4	10.3	8.2	6.2	4.2
7.5°	22.8	21.7	20.7	19.1	17.5	14.9	12.4	10.3	8.2	6.2	4.2
6.25°	22.8	21.8	20.7	19.2	17.6	15.0	12.4	10.3	8.3	6.2	4.2
5°	22.9	21.8	20.7	19.2	17.6	15.0	12.5	10.4	8.3	6.2	4.2
3.75°	22.9	21.8	20.8	19.2	17.7	15.1	12.5	10.4	8.3	6.2	4.2
2.5°	22.9	21.8	20.8	19.2	17.7	15.1	12.5	10.4	8.3	6.2	4.2
1.25°	22.9	21.8	20.8	19.2	17.7	15.1	12.5	10.4	8.3	6.2	4.2
0°	22.9	21.9	20.8	19.3	17.7	15.1	12.5	10.4	8.3	6.3	4.2
-1.25°	22.9	21.8	20.8	19.2	17.7	15.1	12.5	10.4	8.3	6.2	4.2
-2.5°	22.9	21.8	20.8	19.2	17.7	15.1	12.5	10.4	8.3	6.2	4.2
-3.75°	22.9	21.8	20.8	19.2	17.7	15.1	12.5	10.4	8.3	6.2	4.2
-5°	22.9	21.8	20.7	19.2	17.6	15.0	12.5	10.4	8.3	6.2	4.2
-6.25°	22.8	21.8	20.7	19.2	17.6	15.0	12.4	10.3	8.3	6.2	4.2
-7.5°	22.8	21.7	20.7	19.1	17.5	14.9	12.4	10.3	8.2	6.2	4.2
-8.75°	22.7	21.7	20.6	19.1	17.5	14.9	12.4	10.3	8.2	6.2	4.2
-10°	22.7	21.7	20.6	19.0	17.4	14.8	12.3	10.2	8.2	6.2	4.1
-11.25°	22.7	21.6	20.5	19.0	17.3	14.7	12.3	10.2	8.1	6.1	4.1
-12.5°	22.6	21.6	20.4	18.9	17.2	14.7	12.2	10.2	8.1	6.1	4.1
-13.75°	22.5	21.5	20.3	18.8	17.1	14.6	12.1	10.1	8.1	6.1	4.1
-15°	22.5	21.4	20.3	18.8	17.0	14.5	12.1	10.0	8.0	6.0	4.1
-16.25°	22.4	21.4	20.2	18.7	16.9	14.4	12.0	10.0	8.0	6.0	4.0
-17.5°	22.3	21.3	20.1	18.6	16.7	14.3	11.9	9.9	7.9	6.0	4.0
-18.75°	22.2	21.2	20.0	18.5	16.6	14.1	11.8	9.8	7.9	5.9	4.0
-20°	22.1	21.1	19.9	18.4	16.4	14.0	11.7	9.8	7.8	5.9	3.9
-21.25°	22.0	21.1	19.7	18.3	16.3	13.9	11.6	9.7	7.7	5.8	3.9



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	21.9	21.0	19.6	18.2	16.1	13.7	11.5	9.6	7.7	5.8	3.9
-23.75°	21.8	20.9	19.5	18.1	15.9	13.5	11.4	9.5	7.6	5.7	3.8
-25°	21.7	20.7	19.3	17.9	15.7	13.4	11.3	9.4	7.5	5.7	3.8
-26.25°	21.6	20.6	19.2	17.8	15.5	13.2	11.2	9.3	7.5	5.6	3.8
-27.5°	21.4	20.4	19.0	17.6	15.3	13.0	11.1	9.2	7.4	5.6	3.7
-28.75°	21.3	20.2	18.9	17.4	15.1	12.8	10.9	9.1	7.3	5.5	3.7
-30°	21.2	20.0	18.7	17.1	14.9	12.6	10.8	9.0	7.2	5.4	3.6
-31.25°	21.0	19.8	18.5	16.9	14.7	12.5	10.7	8.9	7.1	5.4	3.6
-32.5°	20.9	19.6	18.3	16.6	14.4	12.3	10.5	8.8	7.0	5.3	3.5
-33.75°	20.7	19.4	18.2	16.3	14.2	12.1	10.4	8.6	6.9	5.2	3.5
-35°	20.5	19.2	18.0	16.0	13.9	11.9	10.2	8.5	6.8	5.1	3.4
-36.25°	20.2	19.0	17.8	15.7	13.6	11.7	10.1	8.4	6.7	5.1	3.4
-37.5°	20.0	18.8	17.5	15.4	13.4	11.5	9.9	8.2	6.6	5.0	3.3
-38.75°	19.7	18.5	17.1	15.1	13.1	11.3	9.7	8.1	6.5	4.9	3.3
-40°	19.5	18.3	16.8	14.8	12.8	11.1	9.5	7.9	6.4	4.8	3.2
-41.25°	19.2	18.1	16.4	14.4	12.5	10.9	9.4	7.8	6.3	4.7	3.2
-42.5°	18.9	17.8	16.0	14.1	12.3	10.7	9.2	7.7	6.1	4.6	3.1
-43.75°	18.7	17.5	15.6	13.8	12.0	10.5	9.0	7.5	6.0	4.5	3.0
-45°	18.4	17.0	15.2	13.4	11.7	10.3	8.8	7.3	5.9	4.4	3.0
-46.25°	18.1	16.6	14.8	13.0	11.5	10.0	8.6	7.2	5.8	4.4	2.9
-47.5°	17.8	16.1	14.4	12.7	11.2	9.8	8.4	7.0	5.6	4.3	2.8
-48.75°	17.3	15.7	14.0	12.3	10.9	9.6	8.2	6.9	5.5	4.2	2.8
-50°	16.8	15.2	13.5	12.0	10.7	9.3	8.0	6.7	5.4	4.0	2.7
-51.25°	16.3	14.7	13.1	11.7	10.4	9.1	7.8	6.5	5.2	3.9	2.6
-52.5°	15.8	14.2	12.6	11.4	10.1	8.8	7.6	6.3	5.1	3.8	2.6
-53.75°	15.2	13.7	12.3	11.0	9.8	8.6	7.4	6.2	4.9	3.7	2.5
-55°	14.7	13.2	11.9	10.7	9.5	8.3	7.1	6.0	4.8	3.6	2.4
-56.25°	14.1	12.7	11.5	10.4	9.2	8.1	6.9	5.8	4.7	3.5	2.3
-57.5°	13.5	12.2	11.1	10.0	8.9	7.8	6.7	5.6	4.5	3.4	2.3
-58.75°	12.9	11.8	10.7	9.7	8.6	7.5	6.5	5.4	4.3	3.3	2.2
-60°	12.4	11.4	10.3	9.3	8.3	7.3	6.2	5.2	4.2	3.1	2.1
-61.25°	11.9	10.9	9.9	8.9	8.0	7.0	6.0	5.0	4.0	3.0	2.0
-62.5°	11.4	10.5	9.5	8.6	7.6	6.7	5.8	4.8	3.9	2.9	1.9
-63.75°	10.9	10.0	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.8	1.9
-65°	10.4	9.6	8.7	7.9	7.0	6.1	5.3	4.4	3.5	2.7	1.8
-66.25°	10.0	9.1	8.3	7.5	6.7	5.9	5.0	4.2	3.4	2.5	1.7
-67.5°	9.4	8.7	7.9	7.1	6.3	5.6	4.8	4.0	3.2	2.4	1.6
-68.75°	8.9	8.2	7.5	6.7	6.0	5.3	4.5	3.8	3.0	2.3	1.5
-70°	8.4	7.7	7.1	6.4	5.7	5.0	4.3	3.6	2.9	2.2	1.4
-71.25°	7.9	7.3	6.6	6.0	5.3	4.7	4.0	3.4	2.7	2.0	1.3
-72.5°	7.4	6.8	6.2	5.6	5.0	4.4	3.8	3.2	2.5	1.9	1.3
-73.75°	6.9	6.4	5.8	5.2	4.7	4.1	3.5	2.9	2.3	1.8	1.2
-75°	6.4	5.9	5.4	4.8	4.3	3.8	3.3	2.7	2.2	1.6	1.1
-76.25°	5.9	5.4	4.9	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-77.5°	5.4	4.9	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	0.9



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	4.8	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.8
-80°	4.3	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.5	1.1	0.7
-81.25°	3.8	3.5	3.2	2.9	2.5	2.2	1.9	1.6	1.3	1.0	0.6
-82.5°	3.3	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-83.75°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-85°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-86.25°	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
-87.5°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
-88.75°	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220462 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-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°	0.2	0.0
83.75°	0.2	0.0
82.5°	0.3	0.0
81.25°	0.3	0.0
80°	0.4	0.0
78.75°	0.4	0.0
77.5°	0.5	0.0
76.25°	0.5	0.0
75°	0.5	0.0
73.75°	0.6	0.0
72.5°	0.6	0.0
71.25°	0.7	0.0
70°	0.7	0.0
68.75°	0.8	0.0
67.5°	0.8	0.0
66.25°	0.8	0.0
65°	0.9	0.0
63.75°	0.9	0.0
62.5°	1.0	0.0
61.25°	1.0	0.0
60°	1.0	0.0
58.75°	1.1	0.0
57.5°	1.1	0.0
56.25°	1.2	0.0
55°	1.2	0.0
53.75°	1.2	0.0
52.5°	1.3	0.0
51.25°	1.3	0.0
50°	1.3	0.0
48.75°	1.4	0.0
47.5°	1.4	0.0
46.25°	1.5	0.0
45°	1.5	0.0
43.75°	1.5	0.0
42.5°	1.5	0.0
41.25°	1.6	0.0
40°	1.6	0.0
38.75°	1.6	0.0
37.5°	1.7	0.0
36.25°	1.7	0.0
35°	1.7	0.0



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CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	1.7	0.0
32.5°	1.8	0.0
31.25°	1.8	0.0
30°	1.8	0.0
28.75°	1.8	0.0
27.5°	1.9	0.0
26.25°	1.9	0.0
25°	1.9	0.0
23.75°	1.9	0.0
22.5°	1.9	0.0
21.25°	2.0	0.0
20°	2.0	0.0
18.75°	2.0	0.0
17.5°	2.0	0.0
16.25°	2.0	0.0
15°	2.0	0.0
13.75°	2.0	0.0
12.5°	2.1	0.0
11.25°	2.1	0.0
10°	2.1	0.0
8.75°	2.1	0.0
7.5°	2.1	0.0
6.25°	2.1	0.0
5°	2.1	0.0
3.75°	2.1	0.0
2.5°	2.1	0.0
1.25°	2.1	0.0
0°	2.1	0.0
-1.25°	2.1	0.0
-2.5°	2.1	0.0
-3.75°	2.1	0.0
-5°	2.1	0.0
-6.25°	2.1	0.0
-7.5°	2.1	0.0
-8.75°	2.1	0.0
-10°	2.1	0.0
-11.25°	2.1	0.0
-12.5°	2.1	0.0
-13.75°	2.0	0.0
-15°	2.0	0.0
-16.25°	2.0	0.0
-17.5°	2.0	0.0
-18.75°	2.0	0.0
-20°	2.0	0.0
-21.25°	2.0	0.0



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	1.9	0.0
-23.75°	1.9	0.0
-25°	1.9	0.0
-26.25°	1.9	0.0
-27.5°	1.9	0.0
-28.75°	1.8	0.0
-30°	1.8	0.0
-31.25°	1.8	0.0
-32.5°	1.8	0.0
-33.75°	1.7	0.0
-35°	1.7	0.0
-36.25°	1.7	0.0
-37.5°	1.7	0.0
-38.75°	1.6	0.0
-40°	1.6	0.0
-41.25°	1.6	0.0
-42.5°	1.5	0.0
-43.75°	1.5	0.0
-45°	1.5	0.0
-46.25°	1.5	0.0
-47.5°	1.4	0.0
-48.75°	1.4	0.0
-50°	1.3	0.0
-51.25°	1.3	0.0
-52.5°	1.3	0.0
-53.75°	1.2	0.0
-55°	1.2	0.0
-56.25°	1.2	0.0
-57.5°	1.1	0.0
-58.75°	1.1	0.0
-60°	1.0	0.0
-61.25°	1.0	0.0
-62.5°	1.0	0.0
-63.75°	0.9	0.0
-65°	0.9	0.0
-66.25°	0.8	0.0
-67.5°	0.8	0.0
-68.75°	0.8	0.0
-70°	0.7	0.0
-71.25°	0.7	0.0
-72.5°	0.6	0.0
-73.75°	0.6	0.0
-75°	0.5	0.0
-76.25°	0.5	0.0
-77.5°	0.5	0.0



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0.4	0.0
-80°	0.4	0.0
-81.25°	0.3	0.0
-82.5°	0.3	0.0
-83.75°	0.2	0.0
-85°	0.2	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)