

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: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

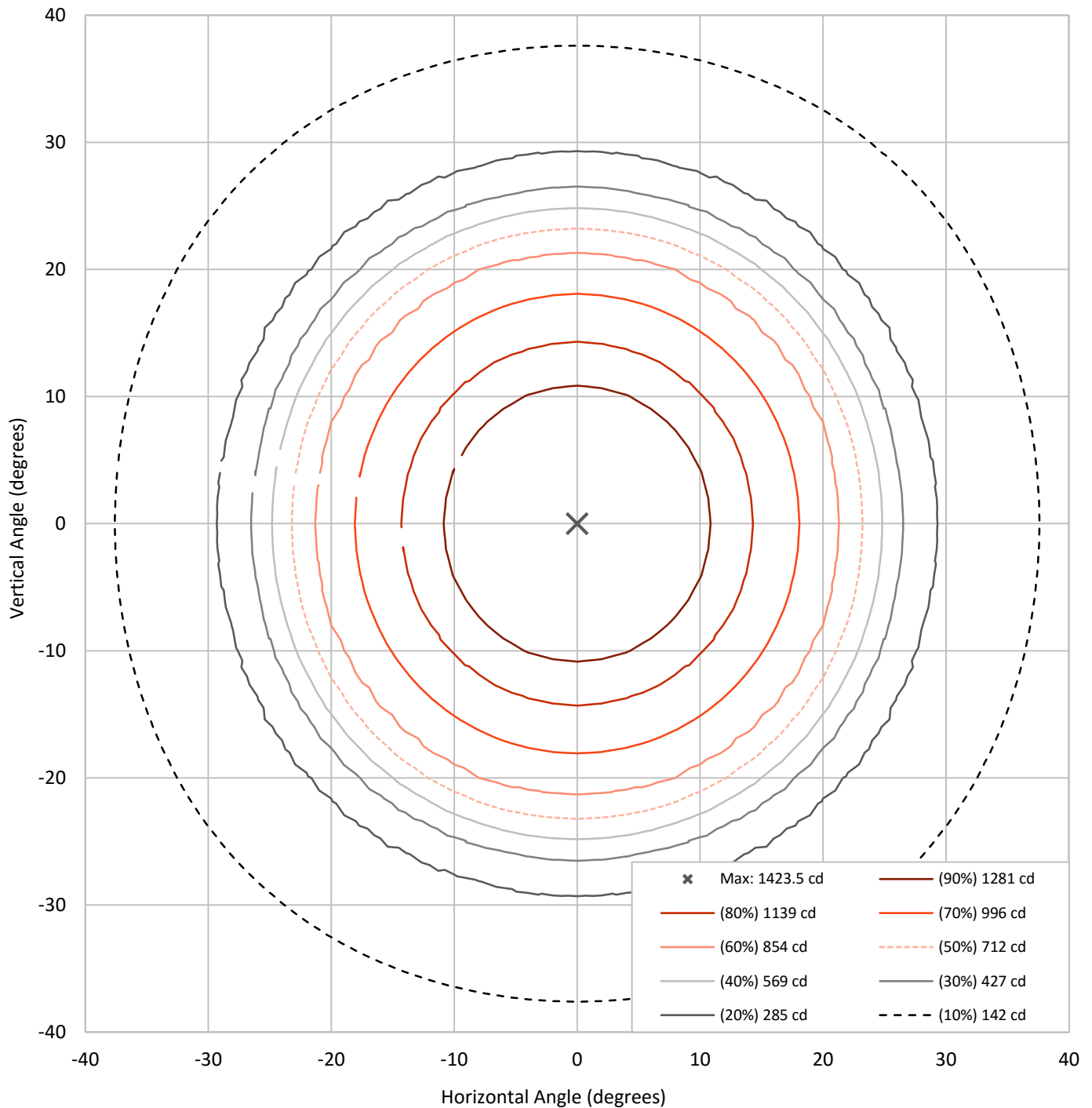
Test Method: LM-79-08  
Report Number: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29471)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	958.2 lumens	Max Intensity:	1423.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.5°H x 46.5°V	Field Angle (10%):	75.2°H x 75.2°V
Beam Lumens:	550.4 lumens	Field Lumens:	784.2 lumens
Beam Efficiency:	57.4%	Field Efficiency:	81.8%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





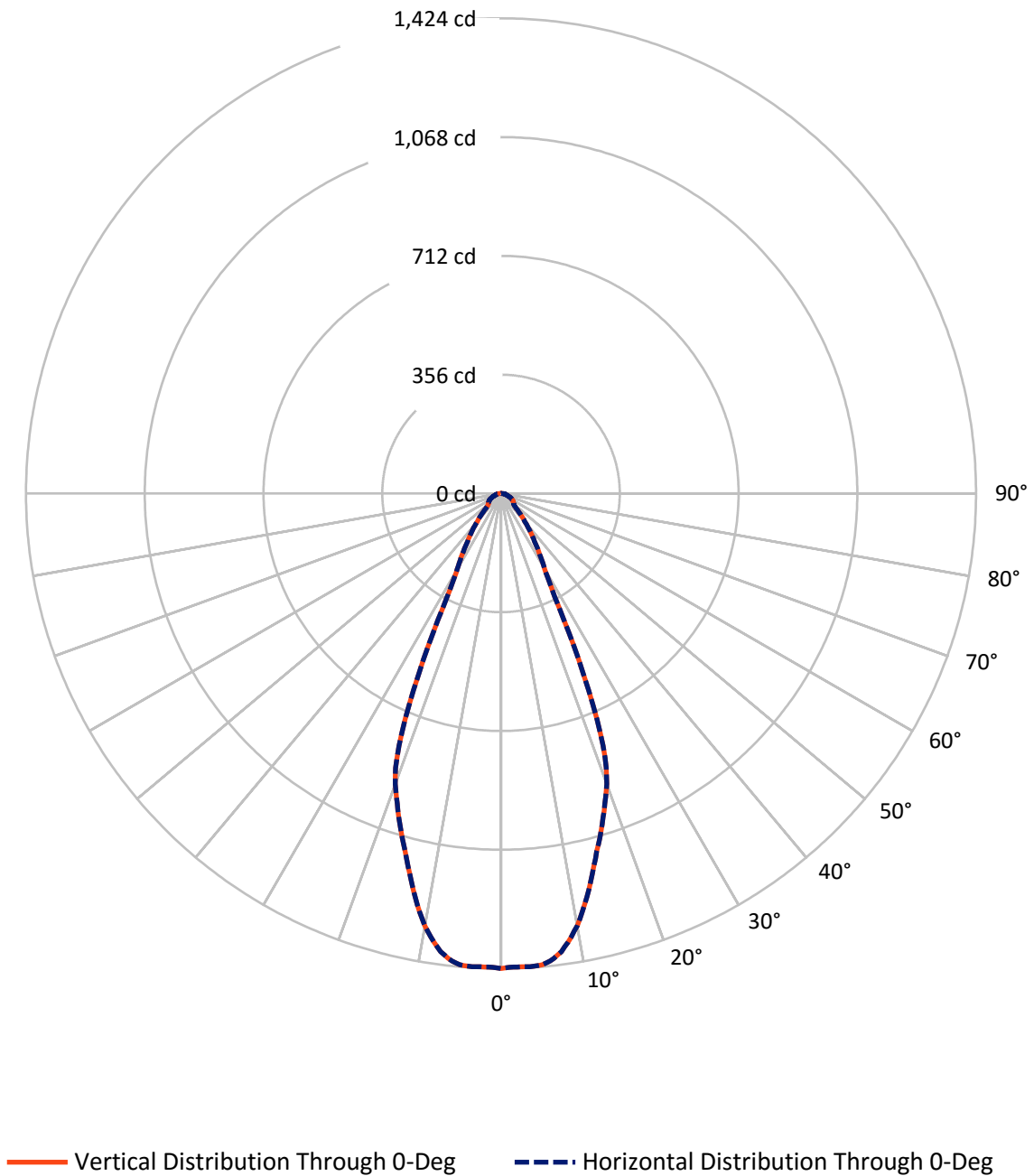
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### Lumen Table

90	0.1	0.4	0.9	1.2	1.4	1.2	0.9	0.4	0.1										
80	0.1	0.4	0.9	1.2	1.4	1.2	0.9	0.4	0.1										
70	0.2	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2	0.2			
60		0.2	0.4	0.7	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.7	0.4	0.2				
50	0.3	0.3	0.5	0.9	1.1	1.4	1.8	2.2	2.2	1.8	1.4	1.1	0.9	0.5	0.3	0.3			
40		0.3	0.6	1.0	1.4	2.6	4.2	5.3	5.3	4.2	2.6	1.4	1.0	0.6	0.3				
30	0.3	0.4	0.7	1.1	2.4	5.0	9.7	16.0	16.0	9.7	5.0	2.4	1.1	0.7	0.4	0.3			
20		0.4	0.8	1.3	3.6	9.2	24.1	32.6	32.6	24.1	9.2	3.6	1.3	0.8	0.4				
10	0.3	0.4	0.8	1.6	4.4	14.6	31.6	41.2	41.2	31.6	14.6	4.4	1.6	0.8	0.4	0.3			
0		0.4	0.8	1.6	4.4	14.6	31.6	41.2	41.2	31.6	14.6	4.4	1.6	0.8	0.4				
-10	0.3	0.4	0.8	1.6	4.4	14.6	31.6	41.2	41.2	31.6	14.6	4.4	1.6	0.8	0.4	0.3			
-20		0.4	0.8	1.3	3.6	9.2	24.1	32.6	32.6	24.1	9.2	3.6	1.3	0.8	0.4				
-30	0.3	0.4	0.7	1.1	2.4	5.0	9.7	16.0	16.0	9.7	5.0	2.4	1.1	0.7	0.4	0.3			
-40		0.3	0.6	1.0	1.4	2.6	4.2	5.3	5.3	4.2	2.6	1.4	1.0	0.6	0.3				
-50	0.2	0.2	0.4	0.7	0.9	1.1	1.3	1.4	1.4	1.3	1.1	0.9	0.7	0.4	0.2	0.2			
-60		0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2				
-70	0.1	0.4	0.9	1.2	1.4	1.2	0.9	0.4	0.1							0.1			
-80		0.4	0.9	1.2	1.4	1.2	0.9	0.4	0.1										
-90	0.1	0.4	0.9	1.2	1.4	1.2	0.9	0.4	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

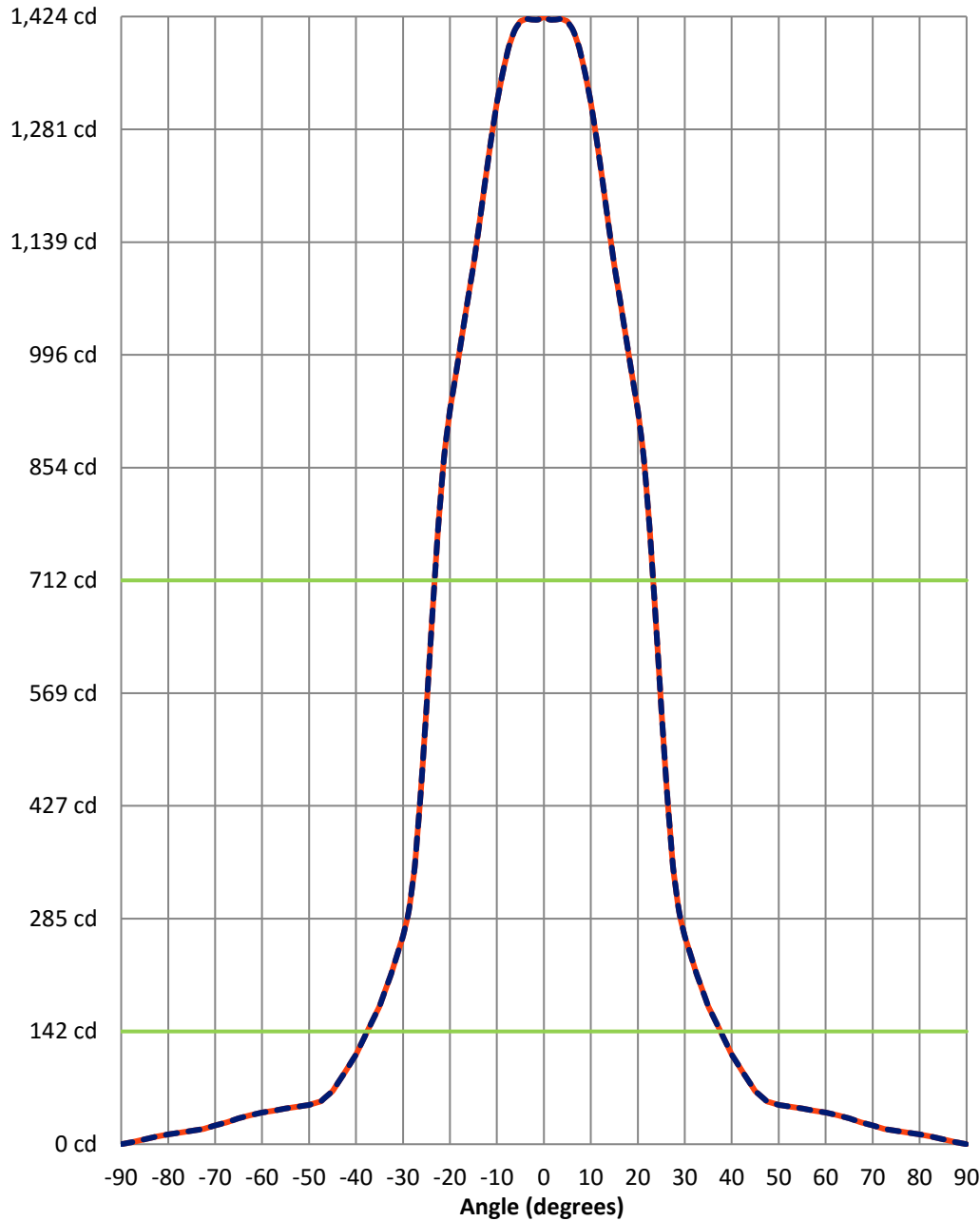
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.5°  
 V Angle: 46.5°  
 Lumens: 550.4  
 Efficiency: 57.4%

**Field:**  
 H Angle: 75.2°  
 V Angle: 75.2°  
 Lumens: 784.2  
 Efficiency: 81.8%

**Spill:**  
 Lumens: 174  
 Efficiency: 18.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
83.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8
81.25°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
78.75°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
76.25°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.6	3.0	3.4
75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.3	3.8
73.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.2	3.7	4.1
72.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.0	3.5	4.0	4.5
71.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.2	3.8	4.3	4.8
70°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.5	4.0	4.6	5.2
68.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.1	3.7	4.3	4.9	5.5
67.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.3	3.9	4.6	5.2	5.9
66.25°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.2	4.9	5.5	6.2
65°	0.0	0.6	1.2	1.8	2.4	3.0	3.7	4.4	5.1	5.8	6.5
63.75°	0.0	0.6	1.2	1.9	2.5	3.2	3.9	4.6	5.4	6.1	6.9
62.5°	0.0	0.6	1.3	1.9	2.6	3.3	4.1	4.9	5.7	6.4	7.2
61.25°	0.0	0.7	1.3	2.0	2.7	3.5	4.3	5.1	5.9	6.7	7.5
60°	0.0	0.7	1.4	2.1	2.8	3.6	4.5	5.3	6.2	7.0	7.8
58.75°	0.0	0.7	1.5	2.2	2.9	3.8	4.7	5.6	6.4	7.3	8.2
57.5°	0.0	0.8	1.5	2.3	3.1	4.0	4.9	5.8	6.7	7.6	8.5
56.25°	0.0	0.8	1.6	2.3	3.2	4.1	5.1	6.0	6.9	7.9	8.8
55°	0.0	0.8	1.6	2.4	3.3	4.3	5.2	6.2	7.2	8.1	9.1
53.75°	0.0	0.8	1.7	2.5	3.4	4.4	5.4	6.4	7.4	8.4	9.4
52.5°	0.0	0.9	1.7	2.6	3.5	4.6	5.6	6.6	7.7	8.7	9.7
51.25°	0.0	0.9	1.8	2.6	3.7	4.7	5.8	6.8	7.9	8.9	9.9
50°	0.0	0.9	1.8	2.7	3.8	4.9	5.9	7.0	8.1	9.2	10.2
48.75°	0.0	0.9	1.8	2.8	3.9	5.0	6.1	7.2	8.3	9.5	10.4
47.5°	0.0	0.9	1.9	2.8	4.0	5.1	6.3	7.4	8.6	9.7	10.6
46.25°	0.0	1.0	1.9	2.9	4.1	5.3	6.4	7.6	8.8	9.9	10.8
45°	0.0	1.0	2.0	3.0	4.2	5.4	6.6	7.8	9.0	10.1	11.1
43.75°	0.0	1.0	2.0	3.1	4.3	5.5	6.8	8.0	9.2	10.3	11.3
42.5°	0.0	1.0	2.1	3.2	4.4	5.7	6.9	8.2	9.4	10.5	11.5
41.25°	0.0	1.1	2.1	3.2	4.5	5.8	7.1	8.3	9.6	10.6	11.7
40°	0.0	1.1	2.1	3.3	4.6	5.9	7.2	8.5	9.8	10.8	11.9
38.75°	0.0	1.1	2.2	3.4	4.7	6.0	7.3	8.7	9.9	11.0	12.1
37.5°	0.0	1.1	2.2	3.4	4.8	6.1	7.5	8.8	10.1	11.2	12.3
36.25°	0.0	1.1	2.3	3.5	4.9	6.3	7.6	9.0	10.2	11.3	12.4
35°	0.0	1.1	2.3	3.6	5.0	6.4	7.7	9.1	10.4	11.5	12.6



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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	1.2	2.3	3.6	5.1	6.5	7.9	9.3	10.5	11.7	12.7
32.5°	0.0	1.2	2.4	3.7	5.1	6.6	8.0	9.4	10.6	11.8	12.9
31.25°	0.0	1.2	2.4	3.8	5.2	6.7	8.1	9.6	10.8	12.0	13.0
30°	0.0	1.2	2.4	3.8	5.3	6.8	8.2	9.7	10.9	12.1	13.1
28.75°	0.0	1.2	2.5	3.9	5.4	6.8	8.3	9.8	11.0	12.2	13.2
27.5°	0.0	1.2	2.5	3.9	5.4	6.9	8.4	9.9	11.1	12.4	13.3
26.25°	0.0	1.3	2.5	4.0	5.5	7.0	8.5	10.0	11.2	12.5	13.5
25°	0.0	1.3	2.5	4.0	5.6	7.1	8.6	10.1	11.3	12.6	13.6
23.75°	0.0	1.3	2.6	4.1	5.6	7.2	8.7	10.2	11.4	12.7	13.7
22.5°	0.0	1.3	2.6	4.1	5.7	7.3	8.8	10.2	11.5	12.7	13.8
21.25°	0.0	1.3	2.6	4.2	5.7	7.3	8.9	10.3	11.6	12.8	13.8
20°	0.0	1.3	2.6	4.2	5.8	7.4	9.0	10.4	11.7	12.9	13.9
18.75°	0.0	1.3	2.7	4.2	5.8	7.4	9.1	10.5	11.8	13.0	14.0
17.5°	0.0	1.3	2.7	4.3	5.9	7.5	9.1	10.5	11.9	13.0	14.1
16.25°	0.0	1.3	2.7	4.3	5.9	7.6	9.2	10.6	11.9	13.1	14.2
15°	0.0	1.4	2.7	4.3	6.0	7.6	9.3	10.7	12.0	13.2	14.2
13.75°	0.0	1.4	2.7	4.4	6.0	7.7	9.3	10.7	12.1	13.2	14.3
12.5°	0.0	1.4	2.7	4.4	6.0	7.7	9.4	10.8	12.1	13.3	14.3
11.25°	0.0	1.4	2.7	4.4	6.1	7.7	9.4	10.8	12.2	13.3	14.4
10°	0.0	1.4	2.8	4.4	6.1	7.8	9.4	10.8	12.2	13.3	14.4
8.75°	0.0	1.4	2.8	4.4	6.1	7.8	9.5	10.9	12.3	13.4	14.5
7.5°	0.0	1.4	2.8	4.5	6.1	7.8	9.5	10.9	12.3	13.4	14.5
6.25°	0.0	1.4	2.8	4.5	6.2	7.8	9.5	10.9	12.3	13.4	14.5
5°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
3.75°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
2.5°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
1.25°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
0°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
-1.25°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
-2.5°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
-3.75°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
-5°	0.0	1.4	2.8	4.5	6.2	7.9	9.6	11.0	12.4	13.5	14.6
-6.25°	0.0	1.4	2.8	4.5	6.2	7.8	9.5	10.9	12.3	13.4	14.5
-7.5°	0.0	1.4	2.8	4.5	6.1	7.8	9.5	10.9	12.3	13.4	14.5
-8.75°	0.0	1.4	2.8	4.4	6.1	7.8	9.5	10.9	12.3	13.4	14.5
-10°	0.0	1.4	2.8	4.4	6.1	7.8	9.4	10.8	12.2	13.3	14.4
-11.25°	0.0	1.4	2.7	4.4	6.1	7.7	9.4	10.8	12.2	13.3	14.4
-12.5°	0.0	1.4	2.7	4.4	6.0	7.7	9.4	10.8	12.1	13.3	14.3
-13.75°	0.0	1.4	2.7	4.4	6.0	7.7	9.3	10.7	12.1	13.2	14.3
-15°	0.0	1.4	2.7	4.3	6.0	7.6	9.3	10.7	12.0	13.2	14.2
-16.25°	0.0	1.3	2.7	4.3	5.9	7.6	9.2	10.6	11.9	13.1	14.2
-17.5°	0.0	1.3	2.7	4.3	5.9	7.5	9.1	10.5	11.9	13.0	14.1
-18.75°	0.0	1.3	2.7	4.2	5.8	7.4	9.1	10.5	11.8	13.0	14.0
-20°	0.0	1.3	2.6	4.2	5.8	7.4	9.0	10.4	11.7	12.9	13.9
-21.25°	0.0	1.3	2.6	4.2	5.7	7.3	8.9	10.3	11.6	12.8	13.8





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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	1.3	2.6	4.1	5.7	7.3	8.8	10.2	11.5	12.7	13.8
-23.75°	0.0	1.3	2.6	4.1	5.6	7.2	8.7	10.2	11.4	12.7	13.7
-25°	0.0	1.3	2.5	4.0	5.6	7.1	8.6	10.1	11.3	12.6	13.6
-26.25°	0.0	1.3	2.5	4.0	5.5	7.0	8.5	10.0	11.2	12.5	13.5
-27.5°	0.0	1.2	2.5	3.9	5.4	6.9	8.4	9.9	11.1	12.4	13.3
-28.75°	0.0	1.2	2.5	3.9	5.4	6.8	8.3	9.8	11.0	12.2	13.2
-30°	0.0	1.2	2.4	3.8	5.3	6.8	8.2	9.7	10.9	12.1	13.1
-31.25°	0.0	1.2	2.4	3.8	5.2	6.7	8.1	9.6	10.8	12.0	13.0
-32.5°	0.0	1.2	2.4	3.7	5.1	6.6	8.0	9.4	10.6	11.8	12.9
-33.75°	0.0	1.2	2.3	3.6	5.1	6.5	7.9	9.3	10.5	11.7	12.7
-35°	0.0	1.1	2.3	3.6	5.0	6.4	7.7	9.1	10.4	11.5	12.6
-36.25°	0.0	1.1	2.3	3.5	4.9	6.3	7.6	9.0	10.2	11.3	12.4
-37.5°	0.0	1.1	2.2	3.4	4.8	6.1	7.5	8.8	10.1	11.2	12.3
-38.75°	0.0	1.1	2.2	3.4	4.7	6.0	7.3	8.7	9.9	11.0	12.1
-40°	0.0	1.1	2.1	3.3	4.6	5.9	7.2	8.5	9.8	10.8	11.9
-41.25°	0.0	1.1	2.1	3.2	4.5	5.8	7.1	8.3	9.6	10.6	11.7
-42.5°	0.0	1.0	2.1	3.2	4.4	5.7	6.9	8.2	9.4	10.5	11.5
-43.75°	0.0	1.0	2.0	3.1	4.3	5.5	6.8	8.0	9.2	10.3	11.3
-45°	0.0	1.0	2.0	3.0	4.2	5.4	6.6	7.8	9.0	10.1	11.1
-46.25°	0.0	1.0	1.9	2.9	4.1	5.3	6.4	7.6	8.8	9.9	10.8
-47.5°	0.0	0.9	1.9	2.8	4.0	5.1	6.3	7.4	8.6	9.7	10.6
-48.75°	0.0	0.9	1.8	2.8	3.9	5.0	6.1	7.2	8.3	9.5	10.4
-50°	0.0	0.9	1.8	2.7	3.8	4.9	5.9	7.0	8.1	9.2	10.2
-51.25°	0.0	0.9	1.8	2.6	3.7	4.7	5.8	6.8	7.9	8.9	9.9
-52.5°	0.0	0.9	1.7	2.6	3.5	4.6	5.6	6.6	7.7	8.7	9.7
-53.75°	0.0	0.8	1.7	2.5	3.4	4.4	5.4	6.4	7.4	8.4	9.4
-55°	0.0	0.8	1.6	2.4	3.3	4.3	5.2	6.2	7.2	8.1	9.1
-56.25°	0.0	0.8	1.6	2.3	3.2	4.1	5.1	6.0	6.9	7.9	8.8
-57.5°	0.0	0.8	1.5	2.3	3.1	4.0	4.9	5.8	6.7	7.6	8.5
-58.75°	0.0	0.7	1.5	2.2	2.9	3.8	4.7	5.6	6.4	7.3	8.2
-60°	0.0	0.7	1.4	2.1	2.8	3.6	4.5	5.3	6.2	7.0	7.8
-61.25°	0.0	0.7	1.3	2.0	2.7	3.5	4.3	5.1	5.9	6.7	7.5
-62.5°	0.0	0.6	1.3	1.9	2.6	3.3	4.1	4.9	5.7	6.4	7.2
-63.75°	0.0	0.6	1.2	1.9	2.5	3.2	3.9	4.6	5.4	6.1	6.9
-65°	0.0	0.6	1.2	1.8	2.4	3.0	3.7	4.4	5.1	5.8	6.5
-66.25°	0.0	0.6	1.1	1.7	2.3	2.8	3.5	4.2	4.9	5.5	6.2
-67.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.3	3.9	4.6	5.2	5.9
-68.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.1	3.7	4.3	4.9	5.5
-70°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.5	4.0	4.6	5.2
-71.25°	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.2	3.8	4.3	4.8
-72.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.0	3.5	4.0	4.5
-73.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.2	3.7	4.1
-75°	0.0	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.3	3.8
-76.25°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.6	3.0	3.4
-77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1



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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	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.2	2.4
-81.25°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-82.5°	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	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.2
-86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
87.5°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
86.25°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
85°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5
83.75°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.2
82.5°	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9
81.25°	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6
80°	2.6	2.9	3.2	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.4
78.75°	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1
77.5°	3.4	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.9
76.25°	3.8	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.9	7.2	7.6
75°	4.2	4.6	5.0	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3
73.75°	4.6	5.0	5.5	6.0	6.4	6.9	7.3	7.8	8.2	8.6	9.1
72.5°	5.0	5.5	6.0	6.5	6.9	7.4	7.9	8.4	8.9	9.3	9.8
71.25°	5.4	5.9	6.4	6.9	7.5	8.0	8.5	9.0	9.5	9.9	10.4
70°	5.7	6.3	6.9	7.4	8.0	8.5	9.1	9.6	10.1	10.5	10.9
68.75°	6.1	6.7	7.3	7.9	8.5	9.1	9.7	10.1	10.6	11.1	11.5
67.5°	6.5	7.1	7.8	8.4	9.0	9.6	10.1	10.6	11.1	11.6	12.1
66.25°	6.9	7.5	8.2	8.9	9.5	10.1	10.6	11.1	11.7	12.2	12.6
65°	7.2	7.9	8.6	9.3	9.9	10.5	11.1	11.6	12.2	12.7	13.1
63.75°	7.6	8.3	9.1	9.8	10.4	10.9	11.5	12.1	12.6	13.1	13.5
62.5°	8.0	8.7	9.5	10.1	10.8	11.4	12.0	12.6	13.0	13.5	14.0
61.25°	8.3	9.1	9.9	10.5	11.2	11.8	12.4	12.9	13.4	13.9	14.4
60°	8.7	9.5	10.2	10.9	11.6	12.2	12.8	13.3	13.8	14.3	14.9
58.75°	9.0	9.8	10.5	11.3	12.0	12.6	13.1	13.7	14.2	14.8	15.3
57.5°	9.4	10.2	10.9	11.6	12.3	12.9	13.5	14.0	14.6	15.2	15.7
56.25°	9.7	10.5	11.2	12.0	12.7	13.2	13.8	14.4	15.0	15.6	16.2
55°	10.0	10.8	11.5	12.3	12.9	13.6	14.2	14.8	15.4	16.0	16.6
53.75°	10.2	11.1	11.9	12.6	13.2	13.9	14.5	15.1	15.8	16.4	17.0
52.5°	10.5	11.4	12.2	12.9	13.5	14.2	14.8	15.5	16.2	16.8	17.5
51.25°	10.8	11.6	12.5	13.1	13.8	14.5	15.2	15.9	16.5	17.2	17.9
50°	11.0	11.9	12.7	13.4	14.1	14.8	15.5	16.2	16.9	17.6	18.3
48.75°	11.3	12.2	13.0	13.7	14.4	15.1	15.8	16.5	17.3	18.0	18.7
47.5°	11.5	12.5	13.2	13.9	14.6	15.4	16.1	16.9	17.6	18.4	19.1
46.25°	11.8	12.7	13.4	14.2	14.9	15.7	16.5	17.2	18.0	18.7	19.8
45°	12.0	12.9	13.6	14.4	15.2	16.0	16.8	17.5	18.3	19.1	20.5
43.75°	12.3	13.1	13.9	14.6	15.5	16.3	17.1	17.9	18.7	19.7	21.2
42.5°	12.5	13.3	14.1	14.9	15.7	16.5	17.4	18.2	19.0	20.4	22.0
41.25°	12.7	13.5	14.3	15.1	16.0	16.8	17.6	18.5	19.4	21.0	22.7
40°	12.8	13.7	14.5	15.4	16.2	17.1	17.9	18.8	20.0	21.7	23.3
38.75°	13.0	13.8	14.7	15.6	16.5	17.3	18.2	19.1	20.7	22.3	24.0
37.5°	13.2	14.0	14.9	15.8	16.7	17.6	18.5	19.5	21.2	23.0	24.5
36.25°	13.3	14.2	15.1	16.0	16.9	17.8	18.7	20.1	21.8	23.6	25.1
35°	13.5	14.4	15.3	16.2	17.1	18.1	19.0	20.6	22.4	24.1	25.6



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	13.6	14.5	15.5	16.4	17.4	18.3	19.3	21.1	22.9	24.6	26.2
32.5°	13.8	14.7	15.7	16.6	17.6	18.5	19.7	21.6	23.4	25.1	26.7
31.25°	13.9	14.9	15.8	16.8	17.8	18.7	20.2	22.1	23.9	25.5	27.2
30°	14.1	15.0	16.0	17.0	18.0	19.0	20.6	22.5	24.3	26.0	27.6
28.75°	14.2	15.2	16.2	17.2	18.2	19.2	21.0	23.0	24.8	26.4	28.2
27.5°	14.3	15.3	16.3	17.3	18.3	19.5	21.5	23.4	25.2	26.8	28.8
26.25°	14.4	15.4	16.5	17.5	18.5	19.9	21.8	23.8	25.5	27.2	29.4
25°	14.5	15.6	16.6	17.6	18.7	20.2	22.2	24.2	25.9	27.6	29.9
23.75°	14.7	15.7	16.8	17.8	18.8	20.5	22.6	24.5	26.2	28.1	30.4
22.5°	14.8	15.8	16.9	17.9	19.0	20.9	22.9	24.8	26.6	28.6	30.9
21.25°	14.9	15.9	17.0	18.1	19.1	21.2	23.2	25.1	26.9	29.0	31.4
20°	15.0	16.1	17.1	18.2	19.3	21.4	23.5	25.4	27.2	29.4	31.8
18.75°	15.1	16.2	17.2	18.3	19.6	21.7	23.8	25.6	27.5	29.8	32.2
17.5°	15.2	16.2	17.3	18.4	19.8	22.0	24.0	25.9	27.8	30.2	32.6
16.25°	15.2	16.3	17.4	18.5	20.1	22.2	24.3	26.1	28.1	30.5	32.9
15°	15.3	16.4	17.5	18.6	20.3	22.4	24.5	26.3	28.4	30.8	33.2
13.75°	15.4	16.5	17.6	18.7	20.4	22.6	24.7	26.5	28.7	31.1	33.4
12.5°	15.4	16.6	17.7	18.8	20.6	22.8	24.8	26.7	28.9	31.4	33.6
11.25°	15.5	16.6	17.8	18.9	20.8	23.0	25.0	26.9	29.2	31.7	33.8
10°	15.6	16.7	17.8	18.9	20.9	23.1	25.1	27.0	29.4	31.9	34.0
8.75°	15.6	16.7	17.9	19.0	21.0	23.3	25.2	27.2	29.6	32.1	34.1
7.5°	15.6	16.8	17.9	19.1	21.2	23.4	25.4	27.3	29.7	32.2	34.3
6.25°	15.7	16.8	18.0	19.1	21.2	23.5	25.4	27.4	29.8	32.4	34.4
5°	15.7	16.8	18.0	19.1	21.3	23.6	25.5	27.5	30.0	32.5	34.5
3.75°	15.7	16.9	18.0	19.2	21.4	23.6	25.6	27.5	30.0	32.6	34.6
2.5°	15.7	16.9	18.0	19.2	21.4	23.7	25.6	27.6	30.1	32.6	34.6
1.25°	15.7	16.9	18.0	19.2	21.4	23.7	25.6	27.6	30.1	32.7	34.6
0°	15.8	16.9	18.1	19.2	21.5	23.7	25.7	27.6	30.2	32.7	34.7
-1.25°	15.7	16.9	18.0	19.2	21.4	23.7	25.6	27.6	30.1	32.7	34.6
-2.5°	15.7	16.9	18.0	19.2	21.4	23.7	25.6	27.6	30.1	32.6	34.6
-3.75°	15.7	16.9	18.0	19.2	21.4	23.6	25.6	27.5	30.0	32.6	34.6
-5°	15.7	16.8	18.0	19.1	21.3	23.6	25.5	27.5	30.0	32.5	34.5
-6.25°	15.7	16.8	18.0	19.1	21.2	23.5	25.4	27.4	29.8	32.4	34.4
-7.5°	15.6	16.8	17.9	19.1	21.2	23.4	25.4	27.3	29.7	32.2	34.3
-8.75°	15.6	16.7	17.9	19.0	21.0	23.3	25.2	27.2	29.6	32.1	34.1
-10°	15.6	16.7	17.8	18.9	20.9	23.1	25.1	27.0	29.4	31.9	34.0
-11.25°	15.5	16.6	17.8	18.9	20.8	23.0	25.0	26.9	29.2	31.7	33.8
-12.5°	15.4	16.6	17.7	18.8	20.6	22.8	24.8	26.7	28.9	31.4	33.6
-13.75°	15.4	16.5	17.6	18.7	20.4	22.6	24.7	26.5	28.7	31.1	33.4
-15°	15.3	16.4	17.5	18.6	20.3	22.4	24.5	26.3	28.4	30.8	33.2
-16.25°	15.2	16.3	17.4	18.5	20.1	22.2	24.3	26.1	28.1	30.5	32.9
-17.5°	15.2	16.2	17.3	18.4	19.8	22.0	24.0	25.9	27.8	30.2	32.6
-18.75°	15.1	16.2	17.2	18.3	19.6	21.7	23.8	25.6	27.5	29.8	32.2
-20°	15.0	16.1	17.1	18.2	19.3	21.4	23.5	25.4	27.2	29.4	31.8
-21.25°	14.9	15.9	17.0	18.1	19.1	21.2	23.2	25.1	26.9	29.0	31.4



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	14.8	15.8	16.9	17.9	19.0	20.9	22.9	24.8	26.6	28.6	30.9
-23.75°	14.7	15.7	16.8	17.8	18.8	20.5	22.6	24.5	26.2	28.1	30.4
-25°	14.5	15.6	16.6	17.6	18.7	20.2	22.2	24.2	25.9	27.6	29.9
-26.25°	14.4	15.4	16.5	17.5	18.5	19.9	21.8	23.8	25.5	27.2	29.4
-27.5°	14.3	15.3	16.3	17.3	18.3	19.5	21.5	23.4	25.2	26.8	28.8
-28.75°	14.2	15.2	16.2	17.2	18.2	19.2	21.0	23.0	24.8	26.4	28.2
-30°	14.1	15.0	16.0	17.0	18.0	19.0	20.6	22.5	24.3	26.0	27.6
-31.25°	13.9	14.9	15.8	16.8	17.8	18.7	20.2	22.1	23.9	25.5	27.2
-32.5°	13.8	14.7	15.7	16.6	17.6	18.5	19.7	21.6	23.4	25.1	26.7
-33.75°	13.6	14.5	15.5	16.4	17.4	18.3	19.3	21.1	22.9	24.6	26.2
-35°	13.5	14.4	15.3	16.2	17.1	18.1	19.0	20.6	22.4	24.1	25.6
-36.25°	13.3	14.2	15.1	16.0	16.9	17.8	18.7	20.1	21.8	23.6	25.1
-37.5°	13.2	14.0	14.9	15.8	16.7	17.6	18.5	19.5	21.2	23.0	24.5
-38.75°	13.0	13.8	14.7	15.6	16.5	17.3	18.2	19.1	20.7	22.3	24.0
-40°	12.8	13.7	14.5	15.4	16.2	17.1	17.9	18.8	20.0	21.7	23.3
-41.25°	12.7	13.5	14.3	15.1	16.0	16.8	17.6	18.5	19.4	21.0	22.7
-42.5°	12.5	13.3	14.1	14.9	15.7	16.5	17.4	18.2	19.0	20.4	22.0
-43.75°	12.3	13.1	13.9	14.6	15.5	16.3	17.1	17.9	18.7	19.7	21.2
-45°	12.0	12.9	13.6	14.4	15.2	16.0	16.8	17.5	18.3	19.1	20.5
-46.25°	11.8	12.7	13.4	14.2	14.9	15.7	16.5	17.2	18.0	18.7	19.8
-47.5°	11.5	12.5	13.2	13.9	14.6	15.4	16.1	16.9	17.6	18.4	19.1
-48.75°	11.3	12.2	13.0	13.7	14.4	15.1	15.8	16.5	17.3	18.0	18.7
-50°	11.0	11.9	12.7	13.4	14.1	14.8	15.5	16.2	16.9	17.6	18.3
-51.25°	10.8	11.6	12.5	13.1	13.8	14.5	15.2	15.9	16.5	17.2	17.9
-52.5°	10.5	11.4	12.2	12.9	13.5	14.2	14.8	15.5	16.2	16.8	17.5
-53.75°	10.2	11.1	11.9	12.6	13.2	13.9	14.5	15.1	15.8	16.4	17.0
-55°	10.0	10.8	11.5	12.3	12.9	13.6	14.2	14.8	15.4	16.0	16.6
-56.25°	9.7	10.5	11.2	12.0	12.7	13.2	13.8	14.4	15.0	15.6	16.2
-57.5°	9.4	10.2	10.9	11.6	12.3	12.9	13.5	14.0	14.6	15.2	15.7
-58.75°	9.0	9.8	10.5	11.3	12.0	12.6	13.1	13.7	14.2	14.8	15.3
-60°	8.7	9.5	10.2	10.9	11.6	12.2	12.8	13.3	13.8	14.3	14.9
-61.25°	8.3	9.1	9.9	10.5	11.2	11.8	12.4	12.9	13.4	13.9	14.4
-62.5°	8.0	8.7	9.5	10.1	10.8	11.4	12.0	12.6	13.0	13.5	14.0
-63.75°	7.6	8.3	9.1	9.8	10.4	10.9	11.5	12.1	12.6	13.1	13.5
-65°	7.2	7.9	8.6	9.3	9.9	10.5	11.1	11.6	12.2	12.7	13.1
-66.25°	6.9	7.5	8.2	8.9	9.5	10.1	10.6	11.1	11.7	12.2	12.6
-67.5°	6.5	7.1	7.8	8.4	9.0	9.6	10.1	10.6	11.1	11.6	12.1
-68.75°	6.1	6.7	7.3	7.9	8.5	9.1	9.7	10.1	10.6	11.1	11.5
-70°	5.7	6.3	6.9	7.4	8.0	8.5	9.1	9.6	10.1	10.5	10.9
-71.25°	5.4	5.9	6.4	6.9	7.5	8.0	8.5	9.0	9.5	9.9	10.4
-72.5°	5.0	5.5	6.0	6.5	6.9	7.4	7.9	8.4	8.9	9.3	9.8
-73.75°	4.6	5.0	5.5	6.0	6.4	6.9	7.3	7.8	8.2	8.6	9.1
-75°	4.2	4.6	5.0	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3
-76.25°	3.8	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.9	7.2	7.6
-77.5°	3.4	3.8	4.1	4.5	4.8	5.2	5.5	5.9	6.2	6.5	6.9



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1
-80°	2.6	2.9	3.2	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.4
-81.25°	2.3	2.5	2.7	3.0	3.2	3.5	3.7	3.9	4.2	4.4	4.6
-82.5°	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9
-83.75°	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.7	2.8	3.0	3.2
-85°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.3	2.4	2.5
-86.25°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.9
-87.5°	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.2
-88.75°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
87.5°	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
86.25°	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7
85°	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.7	3.8
83.75°	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9
82.5°	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	5.9
81.25°	4.9	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
80°	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	7.9	8.1
78.75°	6.4	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.7	8.9	9.2
77.5°	7.2	7.5	7.8	8.2	8.5	8.8	9.1	9.4	9.7	9.9	10.2
76.25°	8.0	8.3	8.7	9.0	9.4	9.7	10.0	10.2	10.5	10.8	11.0
75°	8.7	9.1	9.5	9.8	10.2	10.5	10.8	11.1	11.4	11.6	11.9
73.75°	9.5	9.9	10.2	10.5	10.9	11.2	11.5	11.9	12.2	12.5	12.7
72.5°	10.1	10.5	10.9	11.3	11.6	12.0	12.3	12.6	12.9	13.1	13.4
71.25°	10.8	11.2	11.6	12.0	12.3	12.7	12.9	13.2	13.5	13.8	14.1
70°	11.4	11.8	12.2	12.6	12.9	13.2	13.6	13.9	14.2	14.5	14.8
68.75°	12.0	12.4	12.8	13.1	13.5	13.8	14.2	14.5	14.8	15.2	15.5
67.5°	12.6	12.9	13.3	13.7	14.0	14.4	14.8	15.1	15.5	15.9	16.2
66.25°	13.0	13.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.5	16.9
65°	13.5	13.9	14.3	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6
63.75°	14.0	14.4	14.9	15.3	15.7	16.2	16.6	17.0	17.5	17.9	18.3
62.5°	14.4	14.9	15.4	15.9	16.3	16.8	17.2	17.7	18.1	18.6	19.0
61.25°	14.9	15.4	15.9	16.4	16.9	17.4	17.8	18.3	18.8	19.2	20.1
60°	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.6	20.5	21.4
58.75°	15.9	16.4	16.9	17.5	18.0	18.5	19.0	19.9	20.8	21.8	22.8
57.5°	16.3	16.9	17.4	18.0	18.5	19.1	20.0	21.0	22.1	23.1	24.0
56.25°	16.8	17.4	17.9	18.5	19.1	20.1	21.1	22.2	23.3	24.2	25.1
55°	17.2	17.8	18.4	19.0	20.0	21.1	22.3	23.4	24.4	25.3	26.3
53.75°	17.7	18.3	18.9	19.9	21.0	22.2	23.4	24.4	25.4	26.4	27.3
52.5°	18.1	18.8	19.6	20.8	22.1	23.3	24.4	25.4	26.4	27.4	28.7
51.25°	18.6	19.2	20.5	21.8	23.1	24.2	25.3	26.4	27.4	28.8	30.1
50°	19.0	20.1	21.4	22.8	24.0	25.1	26.3	27.3	28.7	30.1	31.5
48.75°	19.6	21.0	22.3	23.7	24.9	26.0	27.2	28.5	30.0	31.4	32.8
47.5°	20.4	21.8	23.2	24.5	25.7	26.9	28.2	29.7	31.2	32.7	33.9
46.25°	21.2	22.7	24.1	25.3	26.5	27.8	29.4	30.9	32.5	33.7	34.9
45°	22.0	23.5	24.8	26.1	27.3	28.9	30.5	32.1	33.5	34.7	35.9
43.75°	22.8	24.2	25.5	26.8	28.3	30.0	31.6	33.1	34.4	35.6	36.8
42.5°	23.5	24.9	26.2	27.6	29.3	31.0	32.7	34.0	35.3	36.6	37.7
41.25°	24.2	25.6	26.9	28.5	30.3	32.1	33.6	34.9	36.2	37.4	38.5
40°	24.8	26.2	27.6	29.5	31.3	33.0	34.4	35.7	37.0	38.2	39.3
38.75°	25.4	26.9	28.5	30.4	32.2	33.8	35.2	36.5	37.7	38.9	40.1
37.5°	26.0	27.5	29.4	31.3	33.1	34.5	35.9	37.2	38.5	39.7	40.6
36.25°	26.6	28.3	30.2	32.2	33.8	35.2	36.7	37.9	39.2	40.3	41.1
35°	27.2	29.0	31.0	32.9	34.4	35.9	37.3	38.6	39.9	40.8	41.6



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	27.8	29.8	31.8	33.6	35.1	36.6	37.9	39.3	40.4	41.3	42.1
32.5°	28.5	30.5	32.6	34.2	35.7	37.2	38.5	39.9	40.8	41.7	42.7
31.25°	29.1	31.2	33.2	34.8	36.4	37.8	39.1	40.3	41.3	42.2	43.2
30°	29.8	31.9	33.7	35.3	36.9	38.3	39.7	40.7	41.7	42.7	43.8
28.75°	30.4	32.6	34.3	35.9	37.4	38.8	40.2	41.1	42.1	43.2	44.3
27.5°	31.0	33.1	34.8	36.4	37.9	39.4	40.5	41.5	42.5	43.7	44.8
26.25°	31.6	33.6	35.3	36.9	38.4	39.8	40.9	41.9	43.0	44.1	45.3
25°	32.2	34.0	35.7	37.3	38.8	40.2	41.2	42.2	43.4	44.6	45.7
23.75°	32.7	34.4	36.2	37.8	39.3	40.5	41.5	42.6	43.8	45.0	46.0
22.5°	33.1	34.9	36.6	38.1	39.7	40.8	41.8	43.0	44.2	45.4	46.4
21.25°	33.5	35.2	37.0	38.5	40.0	41.1	42.1	43.4	44.6	45.7	46.7
20°	33.8	35.6	37.3	38.9	40.3	41.4	42.4	43.7	45.0	46.0	47.0
18.75°	34.1	36.0	37.6	39.2	40.5	41.6	42.7	44.0	45.3	46.3	47.3
17.5°	34.5	36.3	37.9	39.5	40.8	41.8	43.0	44.3	45.5	46.6	47.6
16.25°	34.8	36.6	38.2	39.8	41.0	42.1	43.3	44.6	45.8	46.8	47.9
15°	35.0	36.9	38.5	40.1	41.2	42.3	43.6	44.9	46.0	47.0	48.1
13.75°	35.3	37.1	38.7	40.2	41.3	42.5	43.8	45.1	46.2	47.3	48.3
12.5°	35.5	37.3	38.9	40.4	41.5	42.7	44.0	45.3	46.4	47.5	48.6
11.25°	35.7	37.5	39.1	40.5	41.7	42.9	44.2	45.5	46.6	47.6	48.8
10°	35.9	37.7	39.3	40.7	41.8	43.1	44.4	45.6	46.7	47.8	48.9
8.75°	36.1	37.8	39.5	40.8	41.9	43.2	44.6	45.8	46.9	48.0	49.1
7.5°	36.2	37.9	39.6	40.9	42.0	43.3	44.7	45.9	47.0	48.1	49.2
6.25°	36.3	38.0	39.7	41.0	42.1	43.4	44.8	46.0	47.1	48.2	49.3
5°	36.4	38.1	39.8	41.0	42.2	43.5	44.9	46.1	47.2	48.3	49.4
3.75°	36.5	38.2	39.9	41.1	42.2	43.6	45.0	46.1	47.2	48.4	49.5
2.5°	36.6	38.3	40.0	41.1	42.3	43.7	45.1	46.2	47.3	48.4	49.6
1.25°	36.6	38.3	40.0	41.1	42.3	43.7	45.1	46.2	47.3	48.4	49.6
0°	36.6	38.3	40.0	41.1	42.3	43.7	45.1	46.2	47.3	48.4	49.6
-1.25°	36.6	38.3	40.0	41.1	42.3	43.7	45.1	46.2	47.3	48.4	49.6
-2.5°	36.6	38.3	40.0	41.1	42.3	43.7	45.1	46.2	47.3	48.4	49.6
-3.75°	36.5	38.2	39.9	41.1	42.2	43.6	45.0	46.1	47.2	48.4	49.5
-5°	36.4	38.1	39.8	41.0	42.2	43.5	44.9	46.1	47.2	48.3	49.4
-6.25°	36.3	38.0	39.7	41.0	42.1	43.4	44.8	46.0	47.1	48.2	49.3
-7.5°	36.2	37.9	39.6	40.9	42.0	43.3	44.7	45.9	47.0	48.1	49.2
-8.75°	36.1	37.8	39.5	40.8	41.9	43.2	44.6	45.8	46.9	48.0	49.1
-10°	35.9	37.7	39.3	40.7	41.8	43.1	44.4	45.6	46.7	47.8	48.9
-11.25°	35.7	37.5	39.1	40.5	41.7	42.9	44.2	45.5	46.6	47.6	48.8
-12.5°	35.5	37.3	38.9	40.4	41.5	42.7	44.0	45.3	46.4	47.5	48.6
-13.75°	35.3	37.1	38.7	40.2	41.3	42.5	43.8	45.1	46.2	47.3	48.3
-15°	35.0	36.9	38.5	40.1	41.2	42.3	43.6	44.9	46.0	47.0	48.1
-16.25°	34.8	36.6	38.2	39.8	41.0	42.1	43.3	44.6	45.8	46.8	47.9
-17.5°	34.5	36.3	37.9	39.5	40.8	41.8	43.0	44.3	45.5	46.6	47.6
-18.75°	34.1	36.0	37.6	39.2	40.5	41.6	42.7	44.0	45.3	46.3	47.3
-20°	33.8	35.6	37.3	38.9	40.3	41.4	42.4	43.7	45.0	46.0	47.0
-21.25°	33.5	35.2	37.0	38.5	40.0	41.1	42.1	43.4	44.6	45.7	46.7





REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	33.1	34.9	36.6	38.1	39.7	40.8	41.8	43.0	44.2	45.4	46.4
-23.75°	32.7	34.4	36.2	37.8	39.3	40.5	41.5	42.6	43.8	45.0	46.0
-25°	32.2	34.0	35.7	37.3	38.8	40.2	41.2	42.2	43.4	44.6	45.7
-26.25°	31.6	33.6	35.3	36.9	38.4	39.8	40.9	41.9	43.0	44.1	45.3
-27.5°	31.0	33.1	34.8	36.4	37.9	39.4	40.5	41.5	42.5	43.7	44.8
-28.75°	30.4	32.6	34.3	35.9	37.4	38.8	40.2	41.1	42.1	43.2	44.3
-30°	29.8	31.9	33.7	35.3	36.9	38.3	39.7	40.7	41.7	42.7	43.8
-31.25°	29.1	31.2	33.2	34.8	36.4	37.8	39.1	40.3	41.3	42.2	43.2
-32.5°	28.5	30.5	32.6	34.2	35.7	37.2	38.5	39.9	40.8	41.7	42.7
-33.75°	27.8	29.8	31.8	33.6	35.1	36.6	37.9	39.3	40.4	41.3	42.1
-35°	27.2	29.0	31.0	32.9	34.4	35.9	37.3	38.6	39.9	40.8	41.6
-36.25°	26.6	28.3	30.2	32.2	33.8	35.2	36.7	37.9	39.2	40.3	41.1
-37.5°	26.0	27.5	29.4	31.3	33.1	34.5	35.9	37.2	38.5	39.7	40.6
-38.75°	25.4	26.9	28.5	30.4	32.2	33.8	35.2	36.5	37.7	38.9	40.1
-40°	24.8	26.2	27.6	29.5	31.3	33.0	34.4	35.7	37.0	38.2	39.3
-41.25°	24.2	25.6	26.9	28.5	30.3	32.1	33.6	34.9	36.2	37.4	38.5
-42.5°	23.5	24.9	26.2	27.6	29.3	31.0	32.7	34.0	35.3	36.6	37.7
-43.75°	22.8	24.2	25.5	26.8	28.3	30.0	31.6	33.1	34.4	35.6	36.8
-45°	22.0	23.5	24.8	26.1	27.3	28.9	30.5	32.1	33.5	34.7	35.9
-46.25°	21.2	22.7	24.1	25.3	26.5	27.8	29.4	30.9	32.5	33.7	34.9
-47.5°	20.4	21.8	23.2	24.5	25.7	26.9	28.2	29.7	31.2	32.7	33.9
-48.75°	19.6	21.0	22.3	23.7	24.9	26.0	27.2	28.5	30.0	31.4	32.8
-50°	19.0	20.1	21.4	22.8	24.0	25.1	26.3	27.3	28.7	30.1	31.5
-51.25°	18.6	19.2	20.5	21.8	23.1	24.2	25.3	26.4	27.4	28.8	30.1
-52.5°	18.1	18.8	19.6	20.8	22.1	23.3	24.4	25.4	26.4	27.4	28.7
-53.75°	17.7	18.3	18.9	19.9	21.0	22.2	23.4	24.4	25.4	26.4	27.3
-55°	17.2	17.8	18.4	19.0	20.0	21.1	22.3	23.4	24.4	25.3	26.3
-56.25°	16.8	17.4	17.9	18.5	19.1	20.1	21.1	22.2	23.3	24.2	25.1
-57.5°	16.3	16.9	17.4	18.0	18.5	19.1	20.0	21.0	22.1	23.1	24.0
-58.75°	15.9	16.4	16.9	17.5	18.0	18.5	19.0	19.9	20.8	21.8	22.8
-60°	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.6	20.5	21.4
-61.25°	14.9	15.4	15.9	16.4	16.9	17.4	17.8	18.3	18.8	19.2	20.1
-62.5°	14.4	14.9	15.4	15.9	16.3	16.8	17.2	17.7	18.1	18.6	19.0
-63.75°	14.0	14.4	14.9	15.3	15.7	16.2	16.6	17.0	17.5	17.9	18.3
-65°	13.5	13.9	14.3	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6
-66.25°	13.0	13.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.5	16.9
-67.5°	12.6	12.9	13.3	13.7	14.0	14.4	14.8	15.1	15.5	15.9	16.2
-68.75°	12.0	12.4	12.8	13.1	13.5	13.8	14.2	14.5	14.8	15.2	15.5
-70°	11.4	11.8	12.2	12.6	12.9	13.2	13.6	13.9	14.2	14.5	14.8
-71.25°	10.8	11.2	11.6	12.0	12.3	12.7	12.9	13.2	13.5	13.8	14.1
-72.5°	10.1	10.5	10.9	11.3	11.6	12.0	12.3	12.6	12.9	13.1	13.4
-73.75°	9.5	9.9	10.2	10.5	10.9	11.2	11.5	11.9	12.2	12.5	12.7
-75°	8.7	9.1	9.5	9.8	10.2	10.5	10.8	11.1	11.4	11.6	11.9
-76.25°	8.0	8.3	8.7	9.0	9.4	9.7	10.0	10.2	10.5	10.8	11.0
-77.5°	7.2	7.5	7.8	8.2	8.5	8.8	9.1	9.4	9.7	9.9	10.2



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	6.4	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.7	8.9	9.2
-80°	5.7	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.7	7.9	8.1
-81.25°	4.9	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0
-82.5°	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	5.9
-83.75°	3.3	3.5	3.6	3.8	4.0	4.1	4.3	4.4	4.6	4.7	4.9
-85°	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.7	3.8
-86.25°	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.6	2.7
-87.5°	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8
-88.75°	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
87.5°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
86.25°	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5
85°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
83.75°	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.3
82.5°	6.1	6.3	6.4	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6
81.25°	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7	8.8	9.0
80°	8.3	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.9	10.1	10.2
78.75°	9.5	9.7	9.9	10.1	10.3	10.5	10.6	10.8	11.0	11.2	11.3
77.5°	10.4	10.6	10.8	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.4
76.25°	11.3	11.5	11.8	12.0	12.3	12.5	12.7	12.8	13.0	13.2	13.3
75°	12.2	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14.0	14.2
73.75°	13.0	13.2	13.4	13.6	13.9	14.1	14.3	14.5	14.7	14.9	15.1
72.5°	13.7	13.9	14.2	14.4	14.6	14.9	15.1	15.4	15.6	15.8	16.0
71.25°	14.4	14.6	14.9	15.2	15.5	15.7	16.0	16.2	16.5	16.7	16.9
70°	15.1	15.4	15.7	16.0	16.3	16.5	16.8	17.1	17.3	17.6	17.8
68.75°	15.8	16.1	16.5	16.8	17.1	17.4	17.6	17.9	18.2	18.5	18.7
67.5°	16.5	16.9	17.2	17.5	17.9	18.2	18.5	18.8	19.1	19.5	20.1
66.25°	17.3	17.6	18.0	18.3	18.7	19.0	19.4	20.0	20.7	21.2	21.8
65°	18.0	18.4	18.7	19.1	19.7	20.4	21.0	21.7	22.3	23.0	23.6
63.75°	18.7	19.1	19.8	20.5	21.2	22.0	22.7	23.3	24.0	24.5	25.1
62.5°	19.6	20.4	21.2	22.0	22.8	23.5	24.2	24.8	25.4	26.0	26.6
61.25°	21.0	21.8	22.7	23.5	24.2	24.9	25.6	26.2	26.9	27.5	28.3
60°	22.3	23.2	24.1	24.8	25.5	26.2	26.9	27.6	28.5	29.4	30.2
58.75°	23.7	24.5	25.3	26.1	26.8	27.6	28.5	29.5	30.4	31.3	32.2
57.5°	24.9	25.7	26.5	27.3	28.3	29.3	30.3	31.3	32.2	33.1	33.8
56.25°	26.0	26.9	27.8	28.9	30.0	31.0	32.1	33.0	33.8	34.5	35.2
55°	27.2	28.2	29.4	30.5	31.6	32.7	33.6	34.4	35.2	35.9	36.7
53.75°	28.5	29.7	30.9	32.1	33.1	34.0	34.9	35.7	36.5	37.2	37.9
52.5°	30.0	31.2	32.5	33.5	34.4	35.3	36.2	37.0	37.7	38.5	39.2
51.25°	31.4	32.7	33.7	34.7	35.6	36.6	37.4	38.2	38.9	39.7	40.3
50°	32.8	33.9	34.9	35.9	36.8	37.7	38.5	39.3	40.1	40.6	41.1
48.75°	33.9	35.0	36.0	37.0	37.9	38.8	39.6	40.3	40.9	41.4	42.0
47.5°	35.0	36.1	37.1	38.0	38.9	39.8	40.5	41.1	41.7	42.2	42.9
46.25°	36.0	37.1	38.1	39.0	40.0	40.6	41.2	41.8	42.5	43.2	43.9
45°	37.0	38.0	39.0	40.0	40.7	41.3	41.9	42.6	43.4	44.1	44.8
43.75°	37.9	38.9	40.0	40.7	41.3	42.0	42.7	43.5	44.3	45.1	45.7
42.5°	38.8	39.8	40.6	41.3	42.0	42.8	43.6	44.4	45.2	45.8	46.4
41.25°	39.6	40.5	41.2	41.9	42.7	43.6	44.5	45.2	45.9	46.5	47.1
40°	40.3	41.1	41.8	42.6	43.5	44.4	45.2	45.9	46.6	47.2	47.9
38.75°	40.9	41.7	42.5	43.4	44.3	45.2	45.9	46.6	47.3	48.0	48.7
37.5°	41.4	42.2	43.2	44.1	45.1	45.8	46.5	47.2	48.0	48.7	49.4
36.25°	42.0	42.9	43.9	44.8	45.7	46.4	47.1	47.9	48.7	49.4	50.6
35°	42.5	43.5	44.5	45.4	46.2	47.0	47.8	48.6	49.3	50.6	52.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	43.1	44.2	45.2	46.0	46.8	47.6	48.4	49.2	50.4	51.9	53.4
32.5°	43.7	44.8	45.7	46.5	47.3	48.2	49.0	50.0	51.6	53.2	55.9
31.25°	44.3	45.3	46.2	47.0	47.9	48.7	49.6	51.2	52.9	55.2	59.7
30°	44.9	45.8	46.7	47.5	48.4	49.3	50.7	52.4	54.1	58.7	63.4
28.75°	45.4	46.3	47.1	48.0	49.0	50.1	51.8	53.5	57.4	62.2	67.0
27.5°	45.8	46.7	47.6	48.5	49.5	51.1	52.9	55.7	60.7	65.6	73.1
26.25°	46.2	47.1	48.1	49.0	50.3	52.1	53.9	58.7	63.8	70.3	79.0
25°	46.6	47.5	48.5	49.5	51.2	53.1	56.4	61.7	66.9	75.8	84.7
23.75°	47.0	47.9	48.9	50.2	52.1	54.0	59.2	64.5	72.0	81.2	90.3
22.5°	47.3	48.3	49.3	51.0	53.0	56.3	61.8	67.5	76.9	86.3	95.9
21.25°	47.7	48.7	49.8	51.8	53.8	58.8	64.3	72.0	81.7	91.3	101.2
20°	48.0	49.1	50.5	52.6	55.4	61.1	66.7	76.4	86.2	96.2	106.3
18.75°	48.3	49.4	51.2	53.3	57.5	63.3	70.6	80.6	90.6	100.9	111.2
17.5°	48.6	49.8	51.9	53.9	59.5	65.4	74.3	84.5	94.8	105.3	116.6
16.25°	48.9	50.4	52.5	55.4	61.4	67.5	77.9	88.2	98.9	109.5	122.2
15°	49.2	50.9	53.0	57.1	63.1	70.7	81.2	91.7	102.6	113.5	127.4
13.75°	49.4	51.4	53.6	58.6	64.7	73.7	84.3	95.1	106.1	118.2	132.3
12.5°	49.7	51.9	54.0	60.1	66.2	76.4	87.1	98.2	109.3	122.5	136.8
11.25°	50.1	52.3	55.2	61.4	68.0	78.9	89.7	101.0	112.2	126.5	140.9
10°	50.5	52.7	56.3	62.5	70.1	81.1	92.1	103.5	115.4	130.0	144.7
8.75°	50.8	53.0	57.3	63.6	72.0	83.1	94.3	105.8	118.4	133.2	148.0
7.5°	51.1	53.3	58.1	64.5	73.7	84.8	96.2	107.7	121.0	136.0	150.8
6.25°	51.3	53.5	58.9	65.2	75.1	86.3	97.7	109.4	123.3	138.3	153.3
5°	51.5	53.7	59.5	65.9	76.2	87.5	99.1	110.8	125.1	140.2	155.3
3.75°	51.7	53.9	59.9	66.4	77.1	88.4	100.1	111.8	126.6	141.8	156.9
2.5°	51.8	54.0	60.3	66.7	77.8	89.1	100.8	112.6	127.6	142.8	158.0
1.25°	51.8	54.1	60.5	66.9	78.2	89.5	101.3	113.0	128.2	143.5	158.7
0°	51.9	54.1	60.6	67.0	78.3	89.6	101.4	113.2	128.5	143.7	158.9
-1.25°	51.8	54.1	60.5	66.9	78.2	89.5	101.3	113.0	128.2	143.5	158.7
-2.5°	51.8	54.0	60.3	66.7	77.8	89.1	100.8	112.6	127.6	142.8	158.0
-3.75°	51.7	53.9	59.9	66.4	77.1	88.4	100.1	111.8	126.6	141.8	156.9
-5°	51.5	53.7	59.5	65.9	76.2	87.5	99.1	110.8	125.1	140.2	155.3
-6.25°	51.3	53.5	58.9	65.2	75.1	86.3	97.7	109.4	123.3	138.3	153.3
-7.5°	51.1	53.3	58.1	64.5	73.7	84.8	96.2	107.7	121.0	136.0	150.8
-8.75°	50.8	53.0	57.3	63.6	72.0	83.1	94.3	105.8	118.4	133.2	148.0
-10°	50.5	52.7	56.3	62.5	70.1	81.1	92.1	103.5	115.4	130.0	144.7
-11.25°	50.1	52.3	55.2	61.4	68.0	78.9	89.7	101.0	112.2	126.5	140.9
-12.5°	49.7	51.9	54.0	60.1	66.2	76.4	87.1	98.2	109.3	122.5	136.8
-13.75°	49.4	51.4	53.6	58.6	64.7	73.7	84.3	95.1	106.1	118.2	132.3
-15°	49.2	50.9	53.0	57.1	63.1	70.7	81.2	91.7	102.6	113.5	127.4
-16.25°	48.9	50.4	52.5	55.4	61.4	67.5	77.9	88.2	98.9	109.5	122.2
-17.5°	48.6	49.8	51.9	53.9	59.5	65.4	74.3	84.5	94.8	105.3	116.6
-18.75°	48.3	49.4	51.2	53.3	57.5	63.3	70.6	80.6	90.6	100.9	111.2
-20°	48.0	49.1	50.5	52.6	55.4	61.1	66.7	76.4	86.2	96.2	106.3
-21.25°	47.7	48.7	49.8	51.8	53.8	58.8	64.3	72.0	81.7	91.3	101.2



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	47.3	48.3	49.3	51.0	53.0	56.3	61.8	67.5	76.9	86.3	95.9
-23.75°	47.0	47.9	48.9	50.2	52.1	54.0	59.2	64.5	72.0	81.2	90.3
-25°	46.6	47.5	48.5	49.5	51.2	53.1	56.4	61.7	66.9	75.8	84.7
-26.25°	46.2	47.1	48.1	49.0	50.3	52.1	53.9	58.7	63.8	70.3	79.0
-27.5°	45.8	46.7	47.6	48.5	49.5	51.1	52.9	55.7	60.7	65.6	73.1
-28.75°	45.4	46.3	47.1	48.0	49.0	50.1	51.8	53.5	57.4	62.2	67.0
-30°	44.9	45.8	46.7	47.5	48.4	49.3	50.7	52.4	54.1	58.7	63.4
-31.25°	44.3	45.3	46.2	47.0	47.9	48.7	49.6	51.2	52.9	55.2	59.7
-32.5°	43.7	44.8	45.7	46.5	47.3	48.2	49.0	50.0	51.6	53.2	55.9
-33.75°	43.1	44.2	45.2	46.0	46.8	47.6	48.4	49.2	50.4	51.9	53.4
-35°	42.5	43.5	44.5	45.4	46.2	47.0	47.8	48.6	49.3	50.6	52.0
-36.25°	42.0	42.9	43.9	44.8	45.7	46.4	47.1	47.9	48.7	49.4	50.6
-37.5°	41.4	42.2	43.2	44.1	45.1	45.8	46.5	47.2	48.0	48.7	49.4
-38.75°	40.9	41.7	42.5	43.4	44.3	45.2	45.9	46.6	47.3	48.0	48.7
-40°	40.3	41.1	41.8	42.6	43.5	44.4	45.2	45.9	46.6	47.2	47.9
-41.25°	39.6	40.5	41.2	41.9	42.7	43.6	44.5	45.2	45.9	46.5	47.1
-42.5°	38.8	39.8	40.6	41.3	42.0	42.8	43.6	44.4	45.2	45.8	46.4
-43.75°	37.9	38.9	40.0	40.7	41.3	42.0	42.7	43.5	44.3	45.1	45.7
-45°	37.0	38.0	39.0	40.0	40.7	41.3	41.9	42.6	43.4	44.1	44.8
-46.25°	36.0	37.1	38.1	39.0	40.0	40.6	41.2	41.8	42.5	43.2	43.9
-47.5°	35.0	36.1	37.1	38.0	38.9	39.8	40.5	41.1	41.7	42.2	42.9
-48.75°	33.9	35.0	36.0	37.0	37.9	38.8	39.6	40.3	40.9	41.4	42.0
-50°	32.8	33.9	34.9	35.9	36.8	37.7	38.5	39.3	40.1	40.6	41.1
-51.25°	31.4	32.7	33.7	34.7	35.6	36.6	37.4	38.2	38.9	39.7	40.3
-52.5°	30.0	31.2	32.5	33.5	34.4	35.3	36.2	37.0	37.7	38.5	39.2
-53.75°	28.5	29.7	30.9	32.1	33.1	34.0	34.9	35.7	36.5	37.2	37.9
-55°	27.2	28.2	29.4	30.5	31.6	32.7	33.6	34.4	35.2	35.9	36.7
-56.25°	26.0	26.9	27.8	28.9	30.0	31.0	32.1	33.0	33.8	34.5	35.2
-57.5°	24.9	25.7	26.5	27.3	28.3	29.3	30.3	31.3	32.2	33.1	33.8
-58.75°	23.7	24.5	25.3	26.1	26.8	27.6	28.5	29.5	30.4	31.3	32.2
-60°	22.3	23.2	24.1	24.8	25.5	26.2	26.9	27.6	28.5	29.4	30.2
-61.25°	21.0	21.8	22.7	23.5	24.2	24.9	25.6	26.2	26.9	27.5	28.3
-62.5°	19.6	20.4	21.2	22.0	22.8	23.5	24.2	24.8	25.4	26.0	26.6
-63.75°	18.7	19.1	19.8	20.5	21.2	22.0	22.7	23.3	24.0	24.5	25.1
-65°	18.0	18.4	18.7	19.1	19.7	20.4	21.0	21.7	22.3	23.0	23.6
-66.25°	17.3	17.6	18.0	18.3	18.7	19.0	19.4	20.0	20.7	21.2	21.8
-67.5°	16.5	16.9	17.2	17.5	17.9	18.2	18.5	18.8	19.1	19.5	20.1
-68.75°	15.8	16.1	16.5	16.8	17.1	17.4	17.6	17.9	18.2	18.5	18.7
-70°	15.1	15.4	15.7	16.0	16.3	16.5	16.8	17.1	17.3	17.6	17.8
-71.25°	14.4	14.6	14.9	15.2	15.5	15.7	16.0	16.2	16.5	16.7	16.9
-72.5°	13.7	13.9	14.2	14.4	14.6	14.9	15.1	15.4	15.6	15.8	16.0
-73.75°	13.0	13.2	13.4	13.6	13.9	14.1	14.3	14.5	14.7	14.9	15.1
-75°	12.2	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14.0	14.2
-76.25°	11.3	11.5	11.8	12.0	12.3	12.5	12.7	12.8	13.0	13.2	13.3
-77.5°	10.4	10.6	10.8	11.1	11.3	11.5	11.7	11.9	12.1	12.3	12.4



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	9.5	9.7	9.9	10.1	10.3	10.5	10.6	10.8	11.0	11.2	11.3
-80°	8.3	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.9	10.1	10.2
-81.25°	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7	8.8	9.0
-82.5°	6.1	6.3	6.4	6.6	6.8	6.9	7.1	7.2	7.3	7.5	7.6
-83.75°	5.0	5.1	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.3
-85°	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
-86.25°	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.5
-87.5°	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
-88.75°	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
87.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6
86.25°	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1
85°	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7
83.75°	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3
82.5°	7.7	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8
81.25°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.2
80°	10.4	10.5	10.6	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.5
78.75°	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.5	12.6	12.7	12.7
77.5°	12.6	12.7	12.9	13.0	13.1	13.2	13.3	13.5	13.6	13.7	13.8
76.25°	13.5	13.6	13.8	13.9	14.1	14.2	14.3	14.4	14.5	14.7	14.8
75°	14.4	14.5	14.7	14.9	15.0	15.2	15.3	15.4	15.6	15.7	15.8
73.75°	15.3	15.5	15.7	15.8	16.0	16.2	16.3	16.5	16.6	16.8	16.9
72.5°	16.2	16.4	16.6	16.8	17.0	17.2	17.3	17.5	17.6	17.8	17.9
71.25°	17.1	17.4	17.6	17.8	18.0	18.2	18.3	18.5	18.7	18.8	19.0
70°	18.1	18.3	18.5	18.7	19.0	19.2	19.5	19.9	20.2	20.5	20.9
68.75°	19.0	19.3	19.7	20.2	20.6	21.0	21.5	21.8	22.2	22.6	22.9
67.5°	20.6	21.1	21.6	22.1	22.5	23.0	23.4	23.8	24.2	24.5	24.8
66.25°	22.4	22.9	23.4	23.9	24.3	24.8	25.2	25.5	25.9	26.2	26.6
65°	24.1	24.6	25.1	25.5	26.0	26.4	26.8	27.2	27.6	28.1	28.6
63.75°	25.6	26.2	26.7	27.2	27.6	28.2	28.8	29.4	29.9	30.4	30.9
62.5°	27.2	27.8	28.5	29.1	29.8	30.4	31.0	31.6	32.2	32.7	33.1
61.25°	29.0	29.8	30.5	31.2	31.9	32.6	33.1	33.6	34.0	34.4	34.9
60°	31.0	31.8	32.6	33.2	33.7	34.3	34.8	35.3	35.7	36.2	36.6
58.75°	32.9	33.6	34.2	34.8	35.3	35.9	36.4	36.9	37.3	37.8	38.1
57.5°	34.4	35.1	35.7	36.4	36.9	37.4	37.9	38.4	38.8	39.3	39.7
56.25°	35.9	36.6	37.2	37.8	38.3	38.8	39.4	39.8	40.2	40.5	40.8
55°	37.3	37.9	38.5	39.1	39.7	40.2	40.5	40.9	41.2	41.5	41.8
53.75°	38.6	39.3	39.9	40.3	40.7	41.1	41.5	41.9	42.2	42.6	43.0
52.5°	39.9	40.4	40.8	41.3	41.7	42.1	42.5	43.0	43.4	43.8	44.2
51.25°	40.8	41.3	41.7	42.2	42.7	43.2	43.7	44.1	44.6	45.0	45.4
50°	41.6	42.1	42.7	43.2	43.8	44.3	44.8	45.3	45.7	46.0	46.4
48.75°	42.5	43.1	43.7	44.3	44.9	45.4	45.8	46.2	46.6	47.0	47.3
47.5°	43.5	44.2	44.8	45.3	45.8	46.3	46.7	47.1	47.5	47.9	48.3
46.25°	44.5	45.2	45.7	46.2	46.7	47.1	47.6	48.1	48.5	48.9	49.3
45°	45.4	46.0	46.5	47.0	47.5	48.0	48.5	49.0	49.5	50.2	51.0
43.75°	46.2	46.8	47.3	47.9	48.4	49.0	49.5	50.3	51.2	52.1	53.0
42.5°	47.0	47.6	48.2	48.7	49.3	50.1	51.1	52.1	53.1	54.0	56.3
41.25°	47.8	48.4	49.0	49.6	50.7	51.8	52.9	53.9	56.4	59.2	61.8
40°	48.6	49.2	50.0	51.2	52.4	53.5	55.7	58.7	61.7	64.5	67.5
38.75°	49.3	50.4	51.6	52.9	54.1	57.4	60.7	63.8	66.9	72.0	76.9
37.5°	50.6	51.9	53.2	55.2	58.7	62.2	65.6	70.3	75.8	81.2	86.3
36.25°	52.0	53.4	55.9	59.7	63.4	67.0	73.1	79.0	84.7	90.3	95.9
35°	53.5	56.3	60.3	64.2	68.7	75.2	81.5	87.6	93.7	99.7	105.5



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	56.3	60.5	64.6	69.7	76.6	83.3	89.8	96.4	102.8	109.0	115.5
32.5°	60.3	64.6	70.1	77.3	84.4	91.3	98.3	105.2	111.8	119.7	127.7
31.25°	64.2	69.7	77.3	84.7	92.1	99.5	106.7	114.0	122.8	131.4	139.7
30°	68.7	76.6	84.4	92.1	99.9	107.5	115.5	124.9	134.1	142.9	151.5
28.75°	75.2	83.3	91.3	99.5	107.5	116.0	126.0	135.7	145.1	154.2	163.1
27.5°	81.5	89.8	98.3	106.7	115.5	126.0	136.2	146.2	155.9	165.4	174.7
26.25°	87.6	96.4	105.2	114.0	124.9	135.7	146.2	156.5	166.5	177.0	189.8
25°	93.7	102.8	111.8	122.8	134.1	145.1	155.9	166.5	177.8	191.4	204.6
23.75°	99.7	109.0	119.7	131.4	142.9	154.2	165.4	177.0	191.4	205.5	219.7
22.5°	105.5	115.5	127.7	139.7	151.5	163.1	174.7	189.8	204.6	219.7	236.0
21.25°	111.0	123.0	135.4	147.6	159.7	171.6	186.6	202.2	217.8	235.0	251.8
20°	117.2	130.1	142.8	155.3	167.6	181.9	198.1	214.1	232.1	249.8	267.9
18.75°	123.8	136.8	149.8	162.6	175.6	192.5	209.2	227.2	245.8	264.3	285.4
17.5°	130.0	143.3	156.4	169.5	185.3	202.6	220.4	239.8	258.9	280.2	311.6
16.25°	135.8	149.3	162.7	176.7	194.6	212.2	231.9	251.8	272.8	301.6	349.5
15°	141.3	155.0	168.7	185.1	203.3	222.2	242.8	263.2	287.8	328.2	394.4
13.75°	146.4	160.3	174.2	192.9	211.4	232.0	253.0	275.6	308.3	365.6	445.7
12.5°	151.1	165.2	181.1	200.1	219.5	241.0	262.4	288.6	333.4	406.8	498.0
11.25°	155.3	169.7	187.4	206.7	227.4	249.3	272.5	305.4	364.1	449.1	548.2
10°	159.2	173.7	193.1	212.6	234.6	256.8	281.7	321.6	395.8	491.2	596.7
8.75°	162.7	178.5	198.2	218.4	241.0	263.8	293.1	345.5	428.7	530.3	640.5
7.5°	165.7	182.7	202.7	223.7	246.6	270.6	304.5	366.5	457.7	565.7	677.6
6.25°	168.2	186.3	206.5	228.3	251.4	276.5	314.3	385.7	485.4	597.1	709.2
5°	170.3	189.3	209.6	232.1	255.4	281.3	324.5	405.2	508.6	623.1	735.5
3.75°	172.0	191.6	212.0	235.0	258.5	285.4	335.6	420.4	526.8	643.5	754.6
2.5°	173.2	193.3	213.8	237.2	260.7	289.8	343.5	431.4	539.9	657.6	768.2
1.25°	173.9	194.3	214.8	238.4	262.1	292.4	348.3	438.0	547.8	666.1	776.4
0°	174.1	194.7	215.2	238.9	262.5	293.2	349.9	440.2	550.4	668.9	779.1
-1.25°	173.9	194.3	214.8	238.4	262.1	292.4	348.3	438.0	547.8	666.1	776.4
-2.5°	173.2	193.3	213.8	237.2	260.7	289.8	343.5	431.4	539.9	657.6	768.2
-3.75°	172.0	191.6	212.0	235.0	258.5	285.4	335.6	420.4	526.8	643.5	754.6
-5°	170.3	189.3	209.6	232.1	255.4	281.3	324.5	405.2	508.6	623.1	735.5
-6.25°	168.2	186.3	206.5	228.3	251.4	276.5	314.3	385.7	485.4	597.1	709.2
-7.5°	165.7	182.7	202.7	223.7	246.6	270.6	304.5	366.5	457.7	565.7	677.6
-8.75°	162.7	178.5	198.2	218.4	241.0	263.8	293.1	345.5	428.7	530.3	640.5
-10°	159.2	173.7	193.1	212.6	234.6	256.8	281.7	321.6	395.8	491.2	596.7
-11.25°	155.3	169.7	187.4	206.7	227.4	249.3	272.5	305.4	364.1	449.1	548.2
-12.5°	151.1	165.2	181.1	200.1	219.5	241.0	262.4	288.6	333.4	406.8	498.0
-13.75°	146.4	160.3	174.2	192.9	211.4	232.0	253.0	275.6	308.3	365.6	445.7
-15°	141.3	155.0	168.7	185.1	203.3	222.2	242.8	263.2	287.8	328.2	394.4
-16.25°	135.8	149.3	162.7	176.7	194.6	212.2	231.9	251.8	272.8	301.6	349.5
-17.5°	130.0	143.3	156.4	169.5	185.3	202.6	220.4	239.8	258.9	280.2	311.6
-18.75°	123.8	136.8	149.8	162.6	175.6	192.5	209.2	227.2	245.8	264.3	285.4
-20°	117.2	130.1	142.8	155.3	167.6	181.9	198.1	214.1	232.1	249.8	267.9
-21.25°	111.0	123.0	135.4	147.6	159.7	171.6	186.6	202.2	217.8	235.0	251.8





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

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	105.5	115.5	127.7	139.7	151.5	163.1	174.7	189.8	204.6	219.7	236.0
-23.75°	99.7	109.0	119.7	131.4	142.9	154.2	165.4	177.0	191.4	205.5	219.7
-25°	93.7	102.8	111.8	122.8	134.1	145.1	155.9	166.5	177.8	191.4	204.6
-26.25°	87.6	96.4	105.2	114.0	124.9	135.7	146.2	156.5	166.5	177.0	189.8
-27.5°	81.5	89.8	98.3	106.7	115.5	126.0	136.2	146.2	155.9	165.4	174.7
-28.75°	75.2	83.3	91.3	99.5	107.5	116.0	126.0	135.7	145.1	154.2	163.1
-30°	68.7	76.6	84.4	92.1	99.9	107.5	115.5	124.9	134.1	142.9	151.5
-31.25°	64.2	69.7	77.3	84.7	92.1	99.5	106.7	114.0	122.8	131.4	139.7
-32.5°	60.3	64.6	70.1	77.3	84.4	91.3	98.3	105.2	111.8	119.7	127.7
-33.75°	56.3	60.5	64.6	69.7	76.6	83.3	89.8	96.4	102.8	109.0	115.5
-35°	53.5	56.3	60.3	64.2	68.7	75.2	81.5	87.6	93.7	99.7	105.5
-36.25°	52.0	53.4	55.9	59.7	63.4	67.0	73.1	79.0	84.7	90.3	95.9
-37.5°	50.6	51.9	53.2	55.2	58.7	62.2	65.6	70.3	75.8	81.2	86.3
-38.75°	49.3	50.4	51.6	52.9	54.1	57.4	60.7	63.8	66.9	72.0	76.9
-40°	48.6	49.2	50.0	51.2	52.4	53.5	55.7	58.7	61.7	64.5	67.5
-41.25°	47.8	48.4	49.0	49.6	50.7	51.8	52.9	53.9	56.4	59.2	61.8
-42.5°	47.0	47.6	48.2	48.7	49.3	50.1	51.1	52.1	53.1	54.0	56.3
-43.75°	46.2	46.8	47.3	47.9	48.4	49.0	49.5	50.3	51.2	52.1	53.0
-45°	45.4	46.0	46.5	47.0	47.5	48.0	48.5	49.0	49.5	50.2	51.0
-46.25°	44.5	45.2	45.7	46.2	46.7	47.1	47.6	48.1	48.5	48.9	49.3
-47.5°	43.5	44.2	44.8	45.3	45.8	46.3	46.7	47.1	47.5	47.9	48.3
-48.75°	42.5	43.1	43.7	44.3	44.9	45.4	45.8	46.2	46.6	47.0	47.3
-50°	41.6	42.1	42.7	43.2	43.8	44.3	44.8	45.3	45.7	46.0	46.4
-51.25°	40.8	41.3	41.7	42.2	42.7	43.2	43.7	44.1	44.6	45.0	45.4
-52.5°	39.9	40.4	40.8	41.3	41.7	42.1	42.5	43.0	43.4	43.8	44.2
-53.75°	38.6	39.3	39.9	40.3	40.7	41.1	41.5	41.9	42.2	42.6	43.0
-55°	37.3	37.9	38.5	39.1	39.7	40.2	40.5	40.9	41.2	41.5	41.8
-56.25°	35.9	36.6	37.2	37.8	38.3	38.8	39.4	39.8	40.2	40.5	40.8
-57.5°	34.4	35.1	35.7	36.4	36.9	37.4	37.9	38.4	38.8	39.3	39.7
-58.75°	32.9	33.6	34.2	34.8	35.3	35.9	36.4	36.9	37.3	37.8	38.1
-60°	31.0	31.8	32.6	33.2	33.7	34.3	34.8	35.3	35.7	36.2	36.6
-61.25°	29.0	29.8	30.5	31.2	31.9	32.6	33.1	33.6	34.0	34.4	34.9
-62.5°	27.2	27.8	28.5	29.1	29.8	30.4	31.0	31.6	32.2	32.7	33.1
-63.75°	25.6	26.2	26.7	27.2	27.6	28.2	28.8	29.4	29.9	30.4	30.9
-65°	24.1	24.6	25.1	25.5	26.0	26.4	26.8	27.2	27.6	28.1	28.6
-66.25°	22.4	22.9	23.4	23.9	24.3	24.8	25.2	25.5	25.9	26.2	26.6
-67.5°	20.6	21.1	21.6	22.1	22.5	23.0	23.4	23.8	24.2	24.5	24.8
-68.75°	19.0	19.3	19.7	20.2	20.6	21.0	21.5	21.8	22.2	22.6	22.9
-70°	18.1	18.3	18.5	18.7	19.0	19.2	19.5	19.9	20.2	20.5	20.9
-71.25°	17.1	17.4	17.6	17.8	18.0	18.2	18.3	18.5	18.7	18.8	19.0
-72.5°	16.2	16.4	16.6	16.8	17.0	17.2	17.3	17.5	17.6	17.8	17.9
-73.75°	15.3	15.5	15.7	15.8	16.0	16.2	16.3	16.5	16.6	16.8	16.9
-75°	14.4	14.5	14.7	14.9	15.0	15.2	15.3	15.4	15.6	15.7	15.8
-76.25°	13.5	13.6	13.8	13.9	14.1	14.2	14.3	14.4	14.5	14.7	14.8
-77.5°	12.6	12.7	12.9	13.0	13.1	13.2	13.3	13.5	13.6	13.7	13.8



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	11.5	11.7	11.8	12.0	12.1	12.2	12.4	12.5	12.6	12.7	12.7
-80°	10.4	10.5	10.6	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.5
-81.25°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.2
-82.5°	7.7	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8
-83.75°	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3
-85°	5.0	5.1	5.1	5.2	5.3	5.4	5.4	5.5	5.6	5.6	5.7
-86.25°	3.6	3.6	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1
-87.5°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6
-88.75°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	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: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8
86.25°	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
85°	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
83.75°	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8
82.5°	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.4	9.5
81.25°	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8	10.8	10.9
80°	11.6	11.7	11.8	11.9	11.9	12.0	12.1	12.1	12.2	12.2	12.3
78.75°	12.8	12.9	13.0	13.0	13.1	13.2	13.2	13.3	13.3	13.3	13.4
77.5°	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.3	14.4	14.4	14.5
76.25°	14.9	15.0	15.1	15.2	15.2	15.3	15.4	15.4	15.5	15.6	15.6
75°	15.9	16.1	16.2	16.2	16.3	16.4	16.5	16.6	16.6	16.7	16.7
73.75°	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.8	17.9
72.5°	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	18.9	19.0
71.25°	19.1	19.3	19.6	19.8	20.1	20.3	20.4	20.6	20.8	20.9	21.0
70°	21.2	21.4	21.7	22.0	22.2	22.4	22.6	22.8	23.0	23.1	23.3
68.75°	23.2	23.5	23.8	24.0	24.3	24.5	24.7	24.8	25.0	25.1	25.2
67.5°	25.1	25.4	25.6	25.9	26.1	26.3	26.5	26.7	26.9	27.0	27.2
66.25°	26.9	27.2	27.5	27.8	28.1	28.4	28.7	28.9	29.2	29.4	29.6
65°	29.0	29.4	29.8	30.2	30.5	30.8	31.1	31.4	31.7	31.9	32.1
63.75°	31.4	31.8	32.2	32.6	32.9	33.2	33.4	33.6	33.8	34.0	34.1
62.5°	33.5	33.8	34.1	34.5	34.8	35.0	35.3	35.5	35.7	35.9	36.1
61.25°	35.2	35.6	36.0	36.3	36.6	36.9	37.1	37.3	37.5	37.7	37.8
60°	37.0	37.3	37.6	37.9	38.2	38.5	38.7	38.9	39.1	39.3	39.5
58.75°	38.5	38.9	39.2	39.5	39.8	40.1	40.2	40.4	40.5	40.7	40.8
57.5°	40.0	40.3	40.5	40.8	41.0	41.2	41.3	41.5	41.7	41.8	41.9
56.25°	41.1	41.4	41.6	41.8	42.1	42.3	42.5	42.7	42.9	43.1	43.2
55°	42.1	42.4	42.7	43.0	43.3	43.6	43.8	44.0	44.2	44.4	44.6
53.75°	43.4	43.7	44.0	44.3	44.6	44.9	45.1	45.3	45.5	45.6	45.8
52.5°	44.6	45.0	45.3	45.5	45.8	46.0	46.2	46.4	46.6	46.7	46.9
51.25°	45.7	46.0	46.3	46.6	46.8	47.0	47.3	47.5	47.6	47.8	48.0
50°	46.7	47.0	47.3	47.6	47.9	48.1	48.3	48.6	48.8	48.9	49.1
48.75°	47.7	48.0	48.3	48.6	48.9	49.2	49.4	49.7	50.1	50.5	50.8
47.5°	48.7	49.1	49.4	49.8	50.4	50.9	51.4	51.9	52.3	52.7	53.0
46.25°	49.8	50.5	51.2	51.9	52.5	53.0	53.6	54.0	55.2	56.3	57.3
45°	51.8	52.6	53.3	53.9	55.4	57.1	58.6	60.1	61.4	62.5	63.6
43.75°	53.8	55.4	57.5	59.5	61.4	63.1	64.7	66.2	68.0	70.1	72.0
42.5°	58.8	61.1	63.3	65.4	67.5	70.7	73.7	76.4	78.9	81.1	83.1
41.25°	64.3	66.7	70.6	74.3	77.9	81.2	84.3	87.1	89.7	92.1	94.3
40°	72.0	76.4	80.6	84.5	88.2	91.7	95.1	98.2	101.0	103.5	105.8
38.75°	81.7	86.2	90.6	94.8	98.9	102.6	106.1	109.3	112.2	115.4	118.4
37.5°	91.3	96.2	100.9	105.3	109.5	113.5	118.2	122.5	126.5	130.0	133.2
36.25°	101.2	106.3	111.2	116.6	122.2	127.4	132.3	136.8	140.9	144.7	148.0
35°	111.0	117.2	123.8	130.0	135.8	141.3	146.4	151.1	155.3	159.2	162.7



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	123.0	130.1	136.8	143.3	149.3	155.0	160.3	165.2	169.7	173.7	178.5
32.5°	135.4	142.8	149.8	156.4	162.7	168.7	174.2	181.1	187.4	193.1	198.2
31.25°	147.6	155.3	162.6	169.5	176.7	185.1	192.9	200.1	206.7	212.6	218.4
30°	159.7	167.6	175.6	185.3	194.6	203.3	211.4	219.5	227.4	234.6	241.0
28.75°	171.6	181.9	192.5	202.6	212.2	222.2	232.0	241.0	249.3	256.8	263.8
27.5°	186.6	198.1	209.2	220.4	231.9	242.8	253.0	262.4	272.5	281.7	293.1
26.25°	202.2	214.1	227.2	239.8	251.8	263.2	275.6	288.6	305.4	321.6	345.5
25°	217.8	232.1	245.8	258.9	272.8	287.8	308.3	333.4	364.1	395.8	428.7
23.75°	235.0	249.8	264.3	280.2	301.6	328.2	365.6	406.8	449.1	491.2	530.3
22.5°	251.8	267.9	285.4	311.6	349.5	394.4	445.7	498.0	548.2	596.7	640.5
21.25°	269.1	289.4	317.7	364.0	418.6	477.4	538.1	597.6	653.2	702.1	745.4
20°	289.4	320.0	371.2	433.3	500.1	568.2	635.6	696.5	751.3	798.4	836.5
18.75°	317.7	371.2	438.2	511.5	586.9	660.5	727.9	786.7	836.3	874.9	901.0
17.5°	364.0	433.3	511.5	593.2	672.9	746.2	810.6	860.2	897.6	923.5	944.3
16.25°	418.6	500.1	586.9	672.9	752.0	822.3	874.8	910.3	938.1	961.9	984.5
15°	477.4	568.2	660.5	746.2	822.3	879.7	916.8	946.8	974.4	1000.7	1024.8
13.75°	538.1	635.6	727.9	810.6	874.8	916.8	949.7	980.8	1010.6	1038.5	1064.3
12.5°	597.6	696.5	786.7	860.2	910.3	946.8	980.8	1014.0	1045.5	1075.2	1101.5
11.25°	653.2	751.3	836.3	897.6	938.1	974.4	1010.6	1045.5	1078.7	1108.9	1141.4
10°	702.1	798.4	874.9	923.5	961.9	1000.7	1038.5	1075.2	1108.9	1145.9	1182.5
8.75°	745.4	836.5	901.0	944.3	984.5	1024.8	1064.3	1101.5	1141.4	1182.5	1222.2
7.5°	781.0	865.8	920.8	962.5	1004.8	1046.5	1086.9	1127.8	1172.3	1216.7	1257.7
6.25°	811.7	889.1	936.3	979.0	1022.4	1065.4	1106.4	1152.3	1200.3	1246.7	1287.8
5°	833.5	902.4	948.6	992.8	1037.2	1081.0	1125.0	1174.3	1224.5	1271.3	1312.3
3.75°	849.1	913.0	958.4	1003.7	1048.9	1093.2	1140.3	1191.9	1243.7	1290.2	1330.2
2.5°	860.3	920.6	965.5	1011.6	1057.5	1102.0	1151.6	1205.0	1257.1	1303.6	1343.3
1.25°	867.1	925.2	970.0	1016.3	1062.7	1107.4	1158.7	1213.0	1265.3	1312.0	1350.9
0°	869.4	926.7	971.5	1018.0	1064.4	1109.2	1161.2	1215.7	1268.1	1314.8	1353.3
-1.25°	867.1	925.2	970.0	1016.3	1062.7	1107.4	1158.7	1213.0	1265.3	1312.0	1350.9
-2.5°	860.3	920.6	965.5	1011.6	1057.5	1102.0	1151.6	1205.0	1257.1	1303.6	1343.3
-3.75°	849.1	913.0	958.4	1003.7	1048.9	1093.2	1140.3	1191.9	1243.7	1290.2	1330.2
-5°	833.5	902.4	948.6	992.8	1037.2	1081.0	1125.0	1174.3	1224.5	1271.3	1312.3
-6.25°	811.7	889.1	936.3	979.0	1022.4	1065.4	1106.4	1152.3	1200.3	1246.7	1287.8
-7.5°	781.0	865.8	920.8	962.5	1004.8	1046.5	1086.9	1127.8	1172.3	1216.7	1257.7
-8.75°	745.4	836.5	901.0	944.3	984.5	1024.8	1064.3	1101.5	1141.4	1182.5	1222.2
-10°	702.1	798.4	874.9	923.5	961.9	1000.7	1038.5	1075.2	1108.9	1145.9	1182.5
-11.25°	653.2	751.3	836.3	897.6	938.1	974.4	1010.6	1045.5	1078.7	1108.9	1141.4
-12.5°	597.6	696.5	786.7	860.2	910.3	946.8	980.8	1014.0	1045.5	1075.2	1101.5
-13.75°	538.1	635.6	727.9	810.6	874.8	916.8	949.7	980.8	1010.6	1038.5	1064.3
-15°	477.4	568.2	660.5	746.2	822.3	879.7	916.8	946.8	974.4	1000.7	1024.8
-16.25°	418.6	500.1	586.9	672.9	752.0	822.3	874.8	910.3	938.1	961.9	984.5
-17.5°	364.0	433.3	511.5	593.2	672.9	746.2	810.6	860.2	897.6	923.5	944.3
-18.75°	317.7	371.2	438.2	511.5	586.9	660.5	727.9	786.7	836.3	874.9	901.0
-20°	289.4	320.0	371.2	433.3	500.1	568.2	635.6	696.5	751.3	798.4	836.5
-21.25°	269.1	289.4	317.7	364.0	418.6	477.4	538.1	597.6	653.2	702.1	745.4



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	251.8	267.9	285.4	311.6	349.5	394.4	445.7	498.0	548.2	596.7	640.5
-23.75°	235.0	249.8	264.3	280.2	301.6	328.2	365.6	406.8	449.1	491.2	530.3
-25°	217.8	232.1	245.8	258.9	272.8	287.8	308.3	333.4	364.1	395.8	428.7
-26.25°	202.2	214.1	227.2	239.8	251.8	263.2	275.6	288.6	305.4	321.6	345.5
-27.5°	186.6	198.1	209.2	220.4	231.9	242.8	253.0	262.4	272.5	281.7	293.1
-28.75°	171.6	181.9	192.5	202.6	212.2	222.2	232.0	241.0	249.3	256.8	263.8
-30°	159.7	167.6	175.6	185.3	194.6	203.3	211.4	219.5	227.4	234.6	241.0
-31.25°	147.6	155.3	162.6	169.5	176.7	185.1	192.9	200.1	206.7	212.6	218.4
-32.5°	135.4	142.8	149.8	156.4	162.7	168.7	174.2	181.1	187.4	193.1	198.2
-33.75°	123.0	130.1	136.8	143.3	149.3	155.0	160.3	165.2	169.7	173.7	178.5
-35°	111.0	117.2	123.8	130.0	135.8	141.3	146.4	151.1	155.3	159.2	162.7
-36.25°	101.2	106.3	111.2	116.6	122.2	127.4	132.3	136.8	140.9	144.7	148.0
-37.5°	91.3	96.2	100.9	105.3	109.5	113.5	118.2	122.5	126.5	130.0	133.2
-38.75°	81.7	86.2	90.6	94.8	98.9	102.6	106.1	109.3	112.2	115.4	118.4
-40°	72.0	76.4	80.6	84.5	88.2	91.7	95.1	98.2	101.0	103.5	105.8
-41.25°	64.3	66.7	70.6	74.3	77.9	81.2	84.3	87.1	89.7	92.1	94.3
-42.5°	58.8	61.1	63.3	65.4	67.5	70.7	73.7	76.4	78.9	81.1	83.1
-43.75°	53.8	55.4	57.5	59.5	61.4	63.1	64.7	66.2	68.0	70.1	72.0
-45°	51.8	52.6	53.3	53.9	55.4	57.1	58.6	60.1	61.4	62.5	63.6
-46.25°	49.8	50.5	51.2	51.9	52.5	53.0	53.6	54.0	55.2	56.3	57.3
-47.5°	48.7	49.1	49.4	49.8	50.4	50.9	51.4	51.9	52.3	52.7	53.0
-48.75°	47.7	48.0	48.3	48.6	48.9	49.2	49.4	49.7	50.1	50.5	50.8
-50°	46.7	47.0	47.3	47.6	47.9	48.1	48.3	48.6	48.8	48.9	49.1
-51.25°	45.7	46.0	46.3	46.6	46.8	47.0	47.3	47.5	47.6	47.8	48.0
-52.5°	44.6	45.0	45.3	45.5	45.8	46.0	46.2	46.4	46.6	46.7	46.9
-53.75°	43.4	43.7	44.0	44.3	44.6	44.9	45.1	45.3	45.5	45.6	45.8
-55°	42.1	42.4	42.7	43.0	43.3	43.6	43.8	44.0	44.2	44.4	44.6
-56.25°	41.1	41.4	41.6	41.8	42.1	42.3	42.5	42.7	42.9	43.1	43.2
-57.5°	40.0	40.3	40.5	40.8	41.0	41.2	41.3	41.5	41.7	41.8	41.9
-58.75°	38.5	38.9	39.2	39.5	39.8	40.1	40.2	40.4	40.5	40.7	40.8
-60°	37.0	37.3	37.6	37.9	38.2	38.5	38.7	38.9	39.1	39.3	39.5
-61.25°	35.2	35.6	36.0	36.3	36.6	36.9	37.1	37.3	37.5	37.7	37.8
-62.5°	33.5	33.8	34.1	34.5	34.8	35.0	35.3	35.5	35.7	35.9	36.1
-63.75°	31.4	31.8	32.2	32.6	32.9	33.2	33.4	33.6	33.8	34.0	34.1
-65°	29.0	29.4	29.8	30.2	30.5	30.8	31.1	31.4	31.7	31.9	32.1
-66.25°	26.9	27.2	27.5	27.8	28.1	28.4	28.7	28.9	29.2	29.4	29.6
-67.5°	25.1	25.4	25.6	25.9	26.1	26.3	26.5	26.7	26.9	27.0	27.2
-68.75°	23.2	23.5	23.8	24.0	24.3	24.5	24.7	24.8	25.0	25.1	25.2
-70°	21.2	21.4	21.7	22.0	22.2	22.4	22.6	22.8	23.0	23.1	23.3
-71.25°	19.1	19.3	19.6	19.8	20.1	20.3	20.4	20.6	20.8	20.9	21.0
-72.5°	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	18.9	19.0
-73.75°	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.8	17.9
-75°	15.9	16.1	16.2	16.2	16.3	16.4	16.5	16.6	16.6	16.7	16.7
-76.25°	14.9	15.0	15.1	15.2	15.2	15.3	15.4	15.4	15.5	15.6	15.6
-77.5°	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.3	14.4	14.4	14.5



REPORT NUMBER: P220488 (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°	12.8	12.9	13.0	13.0	13.1	13.2	13.2	13.3	13.3	13.3	13.4
-80°	11.6	11.7	11.8	11.9	11.9	12.0	12.1	12.1	12.2	12.2	12.3
-81.25°	10.3	10.4	10.5	10.5	10.6	10.7	10.7	10.8	10.8	10.8	10.9
-82.5°	8.9	9.0	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.4	9.5
-83.75°	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.7	7.7	7.8	7.8
-85°	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1
-86.25°	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4
-87.5°	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8
-88.75°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
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	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
86.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
83.75°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
82.5°	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
81.25°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
80°	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
78.75°	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
77.5°	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
76.25°	15.6	15.7	15.7	15.7	15.7	15.7	15.8	15.7	15.7	15.7	15.7
75°	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.8
73.75°	17.9	18.0	18.0	18.0	18.0	18.0	18.1	18.0	18.0	18.0	18.0
72.5°	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
71.25°	21.2	21.2	21.3	21.4	21.4	21.4	21.5	21.4	21.4	21.4	21.3
70°	23.4	23.5	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.6	23.6
68.75°	25.4	25.4	25.5	25.6	25.6	25.6	25.7	25.6	25.6	25.6	25.5
67.5°	27.3	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.5
66.25°	29.7	29.8	30.0	30.0	30.1	30.1	30.2	30.1	30.1	30.0	30.0
65°	32.2	32.4	32.5	32.6	32.6	32.7	32.7	32.7	32.6	32.6	32.5
63.75°	34.3	34.4	34.5	34.6	34.6	34.6	34.7	34.6	34.6	34.6	34.5
62.5°	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.5	36.4
61.25°	37.9	38.0	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.2	38.1
60°	39.6	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0	39.9	39.8
58.75°	40.9	41.0	41.0	41.1	41.1	41.1	41.2	41.1	41.1	41.1	41.0
57.5°	42.0	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.2	42.2
56.25°	43.3	43.4	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.6	43.5
55°	44.7	44.8	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.0	44.9
53.75°	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.1
52.5°	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.2	47.2
51.25°	48.1	48.2	48.3	48.4	48.4	48.4	48.5	48.4	48.4	48.4	48.3
50°	49.2	49.3	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.5	49.4
48.75°	51.1	51.3	51.5	51.7	51.8	51.8	51.9	51.8	51.8	51.7	51.5
47.5°	53.3	53.5	53.7	53.9	54.0	54.1	54.1	54.1	54.0	53.9	53.7
46.25°	58.1	58.9	59.5	59.9	60.3	60.5	60.6	60.5	60.3	59.9	59.5
45°	64.5	65.2	65.9	66.4	66.7	66.9	67.0	66.9	66.7	66.4	65.9
43.75°	73.7	75.1	76.2	77.1	77.8	78.2	78.3	78.2	77.8	77.1	76.2
42.5°	84.8	86.3	87.5	88.4	89.1	89.5	89.6	89.5	89.1	88.4	87.5
41.25°	96.2	97.7	99.1	100.1	100.8	101.3	101.4	101.3	100.8	100.1	99.1
40°	107.7	109.4	110.8	111.8	112.6	113.0	113.2	113.0	112.6	111.8	110.8
38.75°	121.0	123.3	125.1	126.6	127.6	128.2	128.5	128.2	127.6	126.6	125.1
37.5°	136.0	138.3	140.2	141.8	142.8	143.5	143.7	143.5	142.8	141.8	140.2
36.25°	150.8	153.3	155.3	156.9	158.0	158.7	158.9	158.7	158.0	156.9	155.3
35°	165.7	168.2	170.3	172.0	173.2	173.9	174.1	173.9	173.2	172.0	170.3





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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	182.7	186.3	189.3	191.6	193.3	194.3	194.7	194.3	193.3	191.6	189.3
32.5°	202.7	206.5	209.6	212.0	213.8	214.8	215.2	214.8	213.8	212.0	209.6
31.25°	223.7	228.3	232.1	235.0	237.2	238.4	238.9	238.4	237.2	235.0	232.1
30°	246.6	251.4	255.4	258.5	260.7	262.1	262.5	262.1	260.7	258.5	255.4
28.75°	270.6	276.5	281.3	285.4	289.8	292.4	293.2	292.4	289.8	285.4	281.3
27.5°	304.5	314.3	324.5	335.6	343.5	348.3	349.9	348.3	343.5	335.6	324.5
26.25°	366.5	385.7	405.2	420.4	431.4	438.0	440.2	438.0	431.4	420.4	405.2
25°	457.7	485.4	508.6	526.8	539.9	547.8	550.4	547.8	539.9	526.8	508.6
23.75°	565.7	597.1	623.1	643.5	657.6	666.1	668.9	666.1	657.6	643.5	623.1
22.5°	677.6	709.2	735.5	754.6	768.2	776.4	779.1	776.4	768.2	754.6	735.5
21.25°	781.0	811.7	833.5	849.1	860.3	867.1	869.4	867.1	860.3	849.1	833.5
20°	865.8	889.1	902.4	913.0	920.6	925.2	926.7	925.2	920.6	913.0	902.4
18.75°	920.8	936.3	948.6	958.4	965.5	970.0	971.5	970.0	965.5	958.4	948.6
17.5°	962.5	979.0	992.8	1003.7	1011.6	1016.3	1018.0	1016.3	1011.6	1003.7	992.8
16.25°	1004.8	1022.4	1037.2	1048.9	1057.5	1062.7	1064.4	1062.7	1057.5	1048.9	1037.2
15°	1046.5	1065.4	1081.0	1093.2	1102.0	1107.4	1109.2	1107.4	1102.0	1093.2	1081.0
13.75°	1086.9	1106.4	1125.0	1140.3	1151.6	1158.7	1161.2	1158.7	1151.6	1140.3	1125.0
12.5°	1127.8	1152.3	1174.3	1191.9	1205.0	1213.0	1215.7	1213.0	1205.0	1191.9	1174.3
11.25°	1172.3	1200.3	1224.5	1243.7	1257.1	1265.3	1268.1	1265.3	1257.1	1243.7	1224.5
10°	1216.7	1246.7	1271.3	1290.2	1303.6	1312.0	1314.8	1312.0	1303.6	1290.2	1271.3
8.75°	1257.7	1287.8	1312.3	1330.2	1343.3	1350.9	1353.3	1350.9	1343.3	1330.2	1312.3
7.5°	1293.2	1322.7	1346.2	1363.5	1376.1	1382.5	1384.7	1382.5	1376.1	1363.5	1346.2
6.25°	1322.7	1351.1	1374.0	1389.3	1399.3	1404.5	1406.4	1404.5	1399.3	1389.3	1374.0
5°	1346.2	1374.0	1394.0	1406.4	1413.0	1416.3	1417.4	1416.3	1413.0	1406.4	1394.0
3.75°	1363.5	1389.3	1406.4	1415.2	1419.0	1420.7	1420.7	1420.7	1419.0	1415.2	1406.4
2.5°	1376.1	1399.3	1413.0	1419.0	1420.7	1420.2	1419.6	1420.2	1420.7	1419.0	1413.0
1.25°	1382.5	1404.5	1416.3	1420.7	1420.2	1418.8	1419.3	1418.8	1420.2	1420.7	1416.3
0°	1384.7	1406.4	1417.4	1420.7	1419.6	1419.3	1423.5	1419.3	1419.6	1420.7	1417.4
-1.25°	1382.5	1404.5	1416.3	1420.7	1420.2	1418.8	1419.3	1418.8	1420.2	1420.7	1416.3
-2.5°	1376.1	1399.3	1413.0	1419.0	1420.7	1420.2	1419.6	1420.2	1420.7	1419.0	1413.0
-3.75°	1363.5	1389.3	1406.4	1415.2	1419.0	1420.7	1420.7	1420.7	1419.0	1415.2	1406.4
-5°	1346.2	1374.0	1394.0	1406.4	1413.0	1416.3	1417.4	1416.3	1413.0	1406.4	1394.0
-6.25°	1322.7	1351.1	1374.0	1389.3	1399.3	1404.5	1406.4	1404.5	1399.3	1389.3	1374.0
-7.5°	1293.2	1322.7	1346.2	1363.5	1376.1	1382.5	1384.7	1382.5	1376.1	1363.5	1346.2
-8.75°	1257.7	1287.8	1312.3	1330.2	1343.3	1350.9	1353.3	1350.9	1343.3	1330.2	1312.3
-10°	1216.7	1246.7	1271.3	1290.2	1303.6	1312.0	1314.8	1312.0	1303.6	1290.2	1271.3
-11.25°	1172.3	1200.3	1224.5	1243.7	1257.1	1265.3	1268.1	1265.3	1257.1	1243.7	1224.5
-12.5°	1127.8	1152.3	1174.3	1191.9	1205.0	1213.0	1215.7	1213.0	1205.0	1191.9	1174.3
-13.75°	1086.9	1106.4	1125.0	1140.3	1151.6	1158.7	1161.2	1158.7	1151.6	1140.3	1125.0
-15°	1046.5	1065.4	1081.0	1093.2	1102.0	1107.4	1109.2	1107.4	1102.0	1093.2	1081.0
-16.25°	1004.8	1022.4	1037.2	1048.9	1057.5	1062.7	1064.4	1062.7	1057.5	1048.9	1037.2
-17.5°	962.5	979.0	992.8	1003.7	1011.6	1016.3	1018.0	1016.3	1011.6	1003.7	992.8
-18.75°	920.8	936.3	948.6	958.4	965.5	970.0	971.5	970.0	965.5	958.4	948.6
-20°	865.8	889.1	902.4	913.0	920.6	925.2	926.7	925.2	920.6	913.0	902.4
-21.25°	781.0	811.7	833.5	849.1	860.3	867.1	869.4	867.1	860.3	849.1	833.5





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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	677.6	709.2	735.5	754.6	768.2	776.4	779.1	776.4	768.2	754.6	735.5
-23.75°	565.7	597.1	623.1	643.5	657.6	666.1	668.9	666.1	657.6	643.5	623.1
-25°	457.7	485.4	508.6	526.8	539.9	547.8	550.4	547.8	539.9	526.8	508.6
-26.25°	366.5	385.7	405.2	420.4	431.4	438.0	440.2	438.0	431.4	420.4	405.2
-27.5°	304.5	314.3	324.5	335.6	343.5	348.3	349.9	348.3	343.5	335.6	324.5
-28.75°	270.6	276.5	281.3	285.4	289.8	292.4	293.2	292.4	289.8	285.4	281.3
-30°	246.6	251.4	255.4	258.5	260.7	262.1	262.5	262.1	260.7	258.5	255.4
-31.25°	223.7	228.3	232.1	235.0	237.2	238.4	238.9	238.4	237.2	235.0	232.1
-32.5°	202.7	206.5	209.6	212.0	213.8	214.8	215.2	214.8	213.8	212.0	209.6
-33.75°	182.7	186.3	189.3	191.6	193.3	194.3	194.7	194.3	193.3	191.6	189.3
-35°	165.7	168.2	170.3	172.0	173.2	173.9	174.1	173.9	173.2	172.0	170.3
-36.25°	150.8	153.3	155.3	156.9	158.0	158.7	158.9	158.7	158.0	156.9	155.3
-37.5°	136.0	138.3	140.2	141.8	142.8	143.5	143.7	143.5	142.8	141.8	140.2
-38.75°	121.0	123.3	125.1	126.6	127.6	128.2	128.5	128.2	127.6	126.6	125.1
-40°	107.7	109.4	110.8	111.8	112.6	113.0	113.2	113.0	112.6	111.8	110.8
-41.25°	96.2	97.7	99.1	100.1	100.8	101.3	101.4	101.3	100.8	100.1	99.1
-42.5°	84.8	86.3	87.5	88.4	89.1	89.5	89.6	89.5	89.1	88.4	87.5
-43.75°	73.7	75.1	76.2	77.1	77.8	78.2	78.3	78.2	77.8	77.1	76.2
-45°	64.5	65.2	65.9	66.4	66.7	66.9	67.0	66.9	66.7	66.4	65.9
-46.25°	58.1	58.9	59.5	59.9	60.3	60.5	60.6	60.5	60.3	59.9	59.5
-47.5°	53.3	53.5	53.7	53.9	54.0	54.1	54.1	54.1	54.0	53.9	53.7
-48.75°	51.1	51.3	51.5	51.7	51.8	51.8	51.9	51.8	51.8	51.7	51.5
-50°	49.2	49.3	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.5	49.4
-51.25°	48.1	48.2	48.3	48.4	48.4	48.4	48.5	48.4	48.4	48.4	48.3
-52.5°	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.2	47.2
-53.75°	45.9	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.1	46.1
-55°	44.7	44.8	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.0	44.9
-56.25°	43.3	43.4	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.6	43.5
-57.5°	42.0	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.2	42.2
-58.75°	40.9	41.0	41.0	41.1	41.1	41.1	41.2	41.1	41.1	41.1	41.0
-60°	39.6	39.7	39.8	39.9	40.0	40.0	40.0	40.0	40.0	39.9	39.8
-61.25°	37.9	38.0	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.2	38.1
-62.5°	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.5	36.4
-63.75°	34.3	34.4	34.5	34.6	34.6	34.6	34.7	34.6	34.6	34.6	34.5
-65°	32.2	32.4	32.5	32.6	32.6	32.7	32.7	32.7	32.6	32.6	32.5
-66.25°	29.7	29.8	30.0	30.0	30.1	30.1	30.2	30.1	30.1	30.0	30.0
-67.5°	27.3	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.5	27.5
-68.75°	25.4	25.4	25.5	25.6	25.6	25.6	25.7	25.6	25.6	25.6	25.5
-70°	23.4	23.5	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.6	23.6
-71.25°	21.2	21.2	21.3	21.4	21.4	21.4	21.5	21.4	21.4	21.4	21.3
-72.5°	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.1
-73.75°	17.9	18.0	18.0	18.0	18.0	18.0	18.1	18.0	18.0	18.0	18.0
-75°	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.8
-76.25°	15.6	15.7	15.7	15.7	15.7	15.7	15.8	15.7	15.7	15.7	15.7
-77.5°	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
-80°	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
-81.25°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
-82.5°	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
-83.75°	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-85°	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
-86.25°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
87.5°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
86.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2
85°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
83.75°	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.5	7.4
82.5°	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.2	9.1	9.1
81.25°	10.9	10.9	10.9	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.5
80°	12.3	12.3	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.9	11.8
78.75°	13.4	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.1	13.0	13.0
77.5°	14.5	14.5	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0
76.25°	15.7	15.6	15.6	15.6	15.5	15.4	15.4	15.3	15.2	15.2	15.1
75°	16.8	16.8	16.7	16.7	16.6	16.6	16.5	16.4	16.3	16.2	16.2
73.75°	18.0	17.9	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2
72.5°	19.1	19.1	19.0	18.9	18.9	18.8	18.7	18.6	18.5	18.4	18.3
71.25°	21.2	21.2	21.0	20.9	20.8	20.6	20.4	20.3	20.1	19.8	19.6
70°	23.5	23.4	23.3	23.1	23.0	22.8	22.6	22.4	22.2	22.0	21.7
68.75°	25.4	25.4	25.2	25.1	25.0	24.8	24.7	24.5	24.3	24.0	23.8
67.5°	27.4	27.3	27.2	27.0	26.9	26.7	26.5	26.3	26.1	25.9	25.6
66.25°	29.8	29.7	29.6	29.4	29.2	28.9	28.7	28.4	28.1	27.8	27.5
65°	32.4	32.2	32.1	31.9	31.7	31.4	31.1	30.8	30.5	30.2	29.8
63.75°	34.4	34.3	34.1	34.0	33.8	33.6	33.4	33.2	32.9	32.6	32.2
62.5°	36.3	36.2	36.1	35.9	35.7	35.5	35.3	35.0	34.8	34.5	34.1
61.25°	38.0	37.9	37.8	37.7	37.5	37.3	37.1	36.9	36.6	36.3	36.0
60°	39.7	39.6	39.5	39.3	39.1	38.9	38.7	38.5	38.2	37.9	37.6
58.75°	41.0	40.9	40.8	40.7	40.5	40.4	40.2	40.1	39.8	39.5	39.2
57.5°	42.1	42.0	41.9	41.8	41.7	41.5	41.3	41.2	41.0	40.8	40.5
56.25°	43.4	43.3	43.2	43.1	42.9	42.7	42.5	42.3	42.1	41.8	41.6
55°	44.8	44.7	44.6	44.4	44.2	44.0	43.8	43.6	43.3	43.0	42.7
53.75°	46.0	45.9	45.8	45.6	45.5	45.3	45.1	44.9	44.6	44.3	44.0
52.5°	47.1	47.0	46.9	46.7	46.6	46.4	46.2	46.0	45.8	45.5	45.3
51.25°	48.2	48.1	48.0	47.8	47.6	47.5	47.3	47.0	46.8	46.6	46.3
50°	49.3	49.2	49.1	48.9	48.8	48.6	48.3	48.1	47.9	47.6	47.3
48.75°	51.3	51.1	50.8	50.5	50.1	49.7	49.4	49.2	48.9	48.6	48.3
47.5°	53.5	53.3	53.0	52.7	52.3	51.9	51.4	50.9	50.4	49.8	49.4
46.25°	58.9	58.1	57.3	56.3	55.2	54.0	53.6	53.0	52.5	51.9	51.2
45°	65.2	64.5	63.6	62.5	61.4	60.1	58.6	57.1	55.4	53.9	53.3
43.75°	75.1	73.7	72.0	70.1	68.0	66.2	64.7	63.1	61.4	59.5	57.5
42.5°	86.3	84.8	83.1	81.1	78.9	76.4	73.7	70.7	67.5	65.4	63.3
41.25°	97.7	96.2	94.3	92.1	89.7	87.1	84.3	81.2	77.9	74.3	70.6
40°	109.4	107.7	105.8	103.5	101.0	98.2	95.1	91.7	88.2	84.5	80.6
38.75°	123.3	121.0	118.4	115.4	112.2	109.3	106.1	102.6	98.9	94.8	90.6
37.5°	138.3	136.0	133.2	130.0	126.5	122.5	118.2	113.5	109.5	105.3	100.9
36.25°	153.3	150.8	148.0	144.7	140.9	136.8	132.3	127.4	122.2	116.6	111.2
35°	168.2	165.7	162.7	159.2	155.3	151.1	146.4	141.3	135.8	130.0	123.8



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	186.3	182.7	178.5	173.7	169.7	165.2	160.3	155.0	149.3	143.3	136.8
32.5°	206.5	202.7	198.2	193.1	187.4	181.1	174.2	168.7	162.7	156.4	149.8
31.25°	228.3	223.7	218.4	212.6	206.7	200.1	192.9	185.1	176.7	169.5	162.6
30°	251.4	246.6	241.0	234.6	227.4	219.5	211.4	203.3	194.6	185.3	175.6
28.75°	276.5	270.6	263.8	256.8	249.3	241.0	232.0	222.2	212.2	202.6	192.5
27.5°	314.3	304.5	293.1	281.7	272.5	262.4	253.0	242.8	231.9	220.4	209.2
26.25°	385.7	366.5	345.5	321.6	305.4	288.6	275.6	263.2	251.8	239.8	227.2
25°	485.4	457.7	428.7	395.8	364.1	333.4	308.3	287.8	272.8	258.9	245.8
23.75°	597.1	565.7	530.3	491.2	449.1	406.8	365.6	328.2	301.6	280.2	264.3
22.5°	709.2	677.6	640.5	596.7	548.2	498.0	445.7	394.4	349.5	311.6	285.4
21.25°	811.7	781.0	745.4	702.1	653.2	597.6	538.1	477.4	418.6	364.0	317.7
20°	889.1	865.8	836.5	798.4	751.3	696.5	635.6	568.2	500.1	433.3	371.2
18.75°	936.3	920.8	901.0	874.9	836.3	786.7	727.9	660.5	586.9	511.5	438.2
17.5°	979.0	962.5	944.3	923.5	897.6	860.2	810.6	746.2	672.9	593.2	511.5
16.25°	1022.4	1004.8	984.5	961.9	938.1	910.3	874.8	822.3	752.0	672.9	586.9
15°	1065.4	1046.5	1024.8	1000.7	974.4	946.8	916.8	879.7	822.3	746.2	660.5
13.75°	1106.4	1086.9	1064.3	1038.5	1010.6	980.8	949.7	916.8	874.8	810.6	727.9
12.5°	1152.3	1127.8	1101.5	1075.2	1045.5	1014.0	980.8	946.8	910.3	860.2	786.7
11.25°	1200.3	1172.3	1141.4	1108.9	1078.7	1045.5	1010.6	974.4	938.1	897.6	836.3
10°	1246.7	1216.7	1182.5	1145.9	1108.9	1075.2	1038.5	1000.7	961.9	923.5	874.9
8.75°	1287.8	1257.7	1222.2	1182.5	1141.4	1101.5	1064.3	1024.8	984.5	944.3	901.0
7.5°	1322.7	1293.2	1257.7	1216.7	1172.3	1127.8	1086.9	1046.5	1004.8	962.5	920.8
6.25°	1351.1	1322.7	1287.8	1246.7	1200.3	1152.3	1106.4	1065.4	1022.4	979.0	936.3
5°	1374.0	1346.2	1312.3	1271.3	1224.5	1174.3	1125.0	1081.0	1037.2	992.8	948.6
3.75°	1389.3	1363.5	1330.2	1290.2	1243.7	1191.9	1140.3	1093.2	1048.9	1003.7	958.4
2.5°	1399.3	1376.1	1343.3	1303.6	1257.1	1205.0	1151.6	1102.0	1057.5	1011.6	965.5
1.25°	1404.5	1382.5	1350.9	1312.0	1265.3	1213.0	1158.7	1107.4	1062.7	1016.3	970.0
0°	1406.4	1384.7	1353.3	1314.8	1268.1	1215.7	1161.2	1109.2	1064.4	1018.0	971.5
-1.25°	1404.5	1382.5	1350.9	1312.0	1265.3	1213.0	1158.7	1107.4	1062.7	1016.3	970.0
-2.5°	1399.3	1376.1	1343.3	1303.6	1257.1	1205.0	1151.6	1102.0	1057.5	1011.6	965.5
-3.75°	1389.3	1363.5	1330.2	1290.2	1243.7	1191.9	1140.3	1093.2	1048.9	1003.7	958.4
-5°	1374.0	1346.2	1312.3	1271.3	1224.5	1174.3	1125.0	1081.0	1037.2	992.8	948.6
-6.25°	1351.1	1322.7	1287.8	1246.7	1200.3	1152.3	1106.4	1065.4	1022.4	979.0	936.3
-7.5°	1322.7	1293.2	1257.7	1216.7	1172.3	1127.8	1086.9	1046.5	1004.8	962.5	920.8
-8.75°	1287.8	1257.7	1222.2	1182.5	1141.4	1101.5	1064.3	1024.8	984.5	944.3	901.0
-10°	1246.7	1216.7	1182.5	1145.9	1108.9	1075.2	1038.5	1000.7	961.9	923.5	874.9
-11.25°	1200.3	1172.3	1141.4	1108.9	1078.7	1045.5	1010.6	974.4	938.1	897.6	836.3
-12.5°	1152.3	1127.8	1101.5	1075.2	1045.5	1014.0	980.8	946.8	910.3	860.2	786.7
-13.75°	1106.4	1086.9	1064.3	1038.5	1010.6	980.8	949.7	916.8	874.8	810.6	727.9
-15°	1065.4	1046.5	1024.8	1000.7	974.4	946.8	916.8	879.7	822.3	746.2	660.5
-16.25°	1022.4	1004.8	984.5	961.9	938.1	910.3	874.8	822.3	752.0	672.9	586.9
-17.5°	979.0	962.5	944.3	923.5	897.6	860.2	810.6	746.2	672.9	593.2	511.5
-18.75°	936.3	920.8	901.0	874.9	836.3	786.7	727.9	660.5	586.9	511.5	438.2
-20°	889.1	865.8	836.5	798.4	751.3	696.5	635.6	568.2	500.1	433.3	371.2
-21.25°	811.7	781.0	745.4	702.1	653.2	597.6	538.1	477.4	418.6	364.0	317.7



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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°	709.2	677.6	640.5	596.7	548.2	498.0	445.7	394.4	349.5	311.6	285.4
-23.75°	597.1	565.7	530.3	491.2	449.1	406.8	365.6	328.2	301.6	280.2	264.3
-25°	485.4	457.7	428.7	395.8	364.1	333.4	308.3	287.8	272.8	258.9	245.8
-26.25°	385.7	366.5	345.5	321.6	305.4	288.6	275.6	263.2	251.8	239.8	227.2
-27.5°	314.3	304.5	293.1	281.7	272.5	262.4	253.0	242.8	231.9	220.4	209.2
-28.75°	276.5	270.6	263.8	256.8	249.3	241.0	232.0	222.2	212.2	202.6	192.5
-30°	251.4	246.6	241.0	234.6	227.4	219.5	211.4	203.3	194.6	185.3	175.6
-31.25°	228.3	223.7	218.4	212.6	206.7	200.1	192.9	185.1	176.7	169.5	162.6
-32.5°	206.5	202.7	198.2	193.1	187.4	181.1	174.2	168.7	162.7	156.4	149.8
-33.75°	186.3	182.7	178.5	173.7	169.7	165.2	160.3	155.0	149.3	143.3	136.8
-35°	168.2	165.7	162.7	159.2	155.3	151.1	146.4	141.3	135.8	130.0	123.8
-36.25°	153.3	150.8	148.0	144.7	140.9	136.8	132.3	127.4	122.2	116.6	111.2
-37.5°	138.3	136.0	133.2	130.0	126.5	122.5	118.2	113.5	109.5	105.3	100.9
-38.75°	123.3	121.0	118.4	115.4	112.2	109.3	106.1	102.6	98.9	94.8	90.6
-40°	109.4	107.7	105.8	103.5	101.0	98.2	95.1	91.7	88.2	84.5	80.6
-41.25°	97.7	96.2	94.3	92.1	89.7	87.1	84.3	81.2	77.9	74.3	70.6
-42.5°	86.3	84.8	83.1	81.1	78.9	76.4	73.7	70.7	67.5	65.4	63.3
-43.75°	75.1	73.7	72.0	70.1	68.0	66.2	64.7	63.1	61.4	59.5	57.5
-45°	65.2	64.5	63.6	62.5	61.4	60.1	58.6	57.1	55.4	53.9	53.3
-46.25°	58.9	58.1	57.3	56.3	55.2	54.0	53.6	53.0	52.5	51.9	51.2
-47.5°	53.5	53.3	53.0	52.7	52.3	51.9	51.4	50.9	50.4	49.8	49.4
-48.75°	51.3	51.1	50.8	50.5	50.1	49.7	49.4	49.2	48.9	48.6	48.3
-50°	49.3	49.2	49.1	48.9	48.8	48.6	48.3	48.1	47.9	47.6	47.3
-51.25°	48.2	48.1	48.0	47.8	47.6	47.5	47.3	47.0	46.8	46.6	46.3
-52.5°	47.1	47.0	46.9	46.7	46.6	46.4	46.2	46.0	45.8	45.5	45.3
-53.75°	46.0	45.9	45.8	45.6	45.5	45.3	45.1	44.9	44.6	44.3	44.0
-55°	44.8	44.7	44.6	44.4	44.2	44.0	43.8	43.6	43.3	43.0	42.7
-56.25°	43.4	43.3	43.2	43.1	42.9	42.7	42.5	42.3	42.1	41.8	41.6
-57.5°	42.1	42.0	41.9	41.8	41.7	41.5	41.3	41.2	41.0	40.8	40.5
-58.75°	41.0	40.9	40.8	40.7	40.5	40.4	40.2	40.1	39.8	39.5	39.2
-60°	39.7	39.6	39.5	39.3	39.1	38.9	38.7	38.5	38.2	37.9	37.6
-61.25°	38.0	37.9	37.8	37.7	37.5	37.3	37.1	36.9	36.6	36.3	36.0
-62.5°	36.3	36.2	36.1	35.9	35.7	35.5	35.3	35.0	34.8	34.5	34.1
-63.75°	34.4	34.3	34.1	34.0	33.8	33.6	33.4	33.2	32.9	32.6	32.2
-65°	32.4	32.2	32.1	31.9	31.7	31.4	31.1	30.8	30.5	30.2	29.8
-66.25°	29.8	29.7	29.6	29.4	29.2	28.9	28.7	28.4	28.1	27.8	27.5
-67.5°	27.4	27.3	27.2	27.0	26.9	26.7	26.5	26.3	26.1	25.9	25.6
-68.75°	25.4	25.4	25.2	25.1	25.0	24.8	24.7	24.5	24.3	24.0	23.8
-70°	23.5	23.4	23.3	23.1	23.0	22.8	22.6	22.4	22.2	22.0	21.7
-71.25°	21.2	21.2	21.0	20.9	20.8	20.6	20.4	20.3	20.1	19.8	19.6
-72.5°	19.1	19.1	19.0	18.9	18.9	18.8	18.7	18.6	18.5	18.4	18.3
-73.75°	18.0	17.9	17.9	17.8	17.8	17.7	17.6	17.5	17.4	17.3	17.2
-75°	16.8	16.8	16.7	16.7	16.6	16.6	16.5	16.4	16.3	16.2	16.2
-76.25°	15.7	15.6	15.6	15.6	15.5	15.4	15.4	15.3	15.2	15.2	15.1
-77.5°	14.5	14.5	14.5	14.4	14.4	14.3	14.3	14.2	14.2	14.1	14.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	13.4	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.1	13.0	13.0
-80°	12.3	12.3	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.9	11.8
-81.25°	10.9	10.9	10.9	10.8	10.8	10.8	10.7	10.7	10.6	10.5	10.5
-82.5°	9.5	9.5	9.5	9.4	9.4	9.4	9.3	9.3	9.2	9.1	9.1
-83.75°	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.6	7.6	7.5	7.4
-85°	6.2	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8
-86.25°	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2
-87.5°	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	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: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
87.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4
86.25°	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.7
85°	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.1
83.75°	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.7	6.6
82.5°	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0
81.25°	10.4	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4
80°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.6
78.75°	12.9	12.8	12.7	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8
77.5°	13.9	13.8	13.8	13.7	13.6	13.5	13.3	13.2	13.1	13.0	12.9
76.25°	15.0	14.9	14.8	14.7	14.5	14.4	14.3	14.2	14.1	13.9	13.8
75°	16.1	15.9	15.8	15.7	15.6	15.4	15.3	15.2	15.0	14.9	14.7
73.75°	17.1	17.0	16.9	16.8	16.6	16.5	16.3	16.2	16.0	15.8	15.7
72.5°	18.2	18.1	17.9	17.8	17.6	17.5	17.3	17.2	17.0	16.8	16.6
71.25°	19.3	19.1	19.0	18.8	18.7	18.5	18.3	18.2	18.0	17.8	17.6
70°	21.4	21.2	20.9	20.5	20.2	19.9	19.5	19.2	19.0	18.7	18.5
68.75°	23.5	23.2	22.9	22.6	22.2	21.8	21.5	21.0	20.6	20.2	19.7
67.5°	25.4	25.1	24.8	24.5	24.2	23.8	23.4	23.0	22.5	22.1	21.6
66.25°	27.2	26.9	26.6	26.2	25.9	25.5	25.2	24.8	24.3	23.9	23.4
65°	29.4	29.0	28.6	28.1	27.6	27.2	26.8	26.4	26.0	25.5	25.1
63.75°	31.8	31.4	30.9	30.4	29.9	29.4	28.8	28.2	27.6	27.2	26.7
62.5°	33.8	33.5	33.1	32.7	32.2	31.6	31.0	30.4	29.8	29.1	28.5
61.25°	35.6	35.2	34.9	34.4	34.0	33.6	33.1	32.6	31.9	31.2	30.5
60°	37.3	37.0	36.6	36.2	35.7	35.3	34.8	34.3	33.7	33.2	32.6
58.75°	38.9	38.5	38.1	37.8	37.3	36.9	36.4	35.9	35.3	34.8	34.2
57.5°	40.3	40.0	39.7	39.3	38.8	38.4	37.9	37.4	36.9	36.4	35.7
56.25°	41.4	41.1	40.8	40.5	40.2	39.8	39.4	38.8	38.3	37.8	37.2
55°	42.4	42.1	41.8	41.5	41.2	40.9	40.5	40.2	39.7	39.1	38.5
53.75°	43.7	43.4	43.0	42.6	42.2	41.9	41.5	41.1	40.7	40.3	39.9
52.5°	45.0	44.6	44.2	43.8	43.4	43.0	42.5	42.1	41.7	41.3	40.8
51.25°	46.0	45.7	45.4	45.0	44.6	44.1	43.7	43.2	42.7	42.2	41.7
50°	47.0	46.7	46.4	46.0	45.7	45.3	44.8	44.3	43.8	43.2	42.7
48.75°	48.0	47.7	47.3	47.0	46.6	46.2	45.8	45.4	44.9	44.3	43.7
47.5°	49.1	48.7	48.3	47.9	47.5	47.1	46.7	46.3	45.8	45.3	44.8
46.25°	50.5	49.8	49.3	48.9	48.5	48.1	47.6	47.1	46.7	46.2	45.7
45°	52.6	51.8	51.0	50.2	49.5	49.0	48.5	48.0	47.5	47.0	46.5
43.75°	55.4	53.8	53.0	52.1	51.2	50.3	49.5	49.0	48.4	47.9	47.3
42.5°	61.1	58.8	56.3	54.0	53.1	52.1	51.1	50.1	49.3	48.7	48.2
41.25°	66.7	64.3	61.8	59.2	56.4	53.9	52.9	51.8	50.7	49.6	49.0
40°	76.4	72.0	67.5	64.5	61.7	58.7	55.7	53.5	52.4	51.2	50.0
38.75°	86.2	81.7	76.9	72.0	66.9	63.8	60.7	57.4	54.1	52.9	51.6
37.5°	96.2	91.3	86.3	81.2	75.8	70.3	65.6	62.2	58.7	55.2	53.2
36.25°	106.3	101.2	95.9	90.3	84.7	79.0	73.1	67.0	63.4	59.7	55.9
35°	117.2	111.0	105.5	99.7	93.7	87.6	81.5	75.2	68.7	64.2	60.3





REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	130.1	123.0	115.5	109.0	102.8	96.4	89.8	83.3	76.6	69.7	64.6
32.5°	142.8	135.4	127.7	119.7	111.8	105.2	98.3	91.3	84.4	77.3	70.1
31.25°	155.3	147.6	139.7	131.4	122.8	114.0	106.7	99.5	92.1	84.7	77.3
30°	167.6	159.7	151.5	142.9	134.1	124.9	115.5	107.5	99.9	92.1	84.4
28.75°	181.9	171.6	163.1	154.2	145.1	135.7	126.0	116.0	107.5	99.5	91.3
27.5°	198.1	186.6	174.7	165.4	155.9	146.2	136.2	126.0	115.5	106.7	98.3
26.25°	214.1	202.2	189.8	177.0	166.5	156.5	146.2	135.7	124.9	114.0	105.2
25°	232.1	217.8	204.6	191.4	177.8	166.5	155.9	145.1	134.1	122.8	111.8
23.75°	249.8	235.0	219.7	205.5	191.4	177.0	165.4	154.2	142.9	131.4	119.7
22.5°	267.9	251.8	236.0	219.7	204.6	189.8	174.7	163.1	151.5	139.7	127.7
21.25°	289.4	269.1	251.8	235.0	217.8	202.2	186.6	171.6	159.7	147.6	135.4
20°	320.0	289.4	267.9	249.8	232.1	214.1	198.1	181.9	167.6	155.3	142.8
18.75°	371.2	317.7	285.4	264.3	245.8	227.2	209.2	192.5	175.6	162.6	149.8
17.5°	433.3	364.0	311.6	280.2	258.9	239.8	220.4	202.6	185.3	169.5	156.4
16.25°	500.1	418.6	349.5	301.6	272.8	251.8	231.9	212.2	194.6	176.7	162.7
15°	568.2	477.4	394.4	328.2	287.8	263.2	242.8	222.2	203.3	185.1	168.7
13.75°	635.6	538.1	445.7	365.6	308.3	275.6	253.0	232.0	211.4	192.9	174.2
12.5°	696.5	597.6	498.0	406.8	333.4	288.6	262.4	241.0	219.5	200.1	181.1
11.25°	751.3	653.2	548.2	449.1	364.1	305.4	272.5	249.3	227.4	206.7	187.4
10°	798.4	702.1	596.7	491.2	395.8	321.6	281.7	256.8	234.6	212.6	193.1
8.75°	836.5	745.4	640.5	530.3	428.7	345.5	293.1	263.8	241.0	218.4	198.2
7.5°	865.8	781.0	677.6	565.7	457.7	366.5	304.5	270.6	246.6	223.7	202.7
6.25°	889.1	811.7	709.2	597.1	485.4	385.7	314.3	276.5	251.4	228.3	206.5
5°	902.4	833.5	735.5	623.1	508.6	405.2	324.5	281.3	255.4	232.1	209.6
3.75°	913.0	849.1	754.6	643.5	526.8	420.4	335.6	285.4	258.5	235.0	212.0
2.5°	920.6	860.3	768.2	657.6	539.9	431.4	343.5	289.8	260.7	237.2	213.8
1.25°	925.2	867.1	776.4	666.1	547.8	438.0	348.3	292.4	262.1	238.4	214.8
0°	926.7	869.4	779.1	668.9	550.4	440.2	349.9	293.2	262.5	238.9	215.2
-1.25°	925.2	867.1	776.4	666.1	547.8	438.0	348.3	292.4	262.1	238.4	214.8
-2.5°	920.6	860.3	768.2	657.6	539.9	431.4	343.5	289.8	260.7	237.2	213.8
-3.75°	913.0	849.1	754.6	643.5	526.8	420.4	335.6	285.4	258.5	235.0	212.0
-5°	902.4	833.5	735.5	623.1	508.6	405.2	324.5	281.3	255.4	232.1	209.6
-6.25°	889.1	811.7	709.2	597.1	485.4	385.7	314.3	276.5	251.4	228.3	206.5
-7.5°	865.8	781.0	677.6	565.7	457.7	366.5	304.5	270.6	246.6	223.7	202.7
-8.75°	836.5	745.4	640.5	530.3	428.7	345.5	293.1	263.8	241.0	218.4	198.2
-10°	798.4	702.1	596.7	491.2	395.8	321.6	281.7	256.8	234.6	212.6	193.1
-11.25°	751.3	653.2	548.2	449.1	364.1	305.4	272.5	249.3	227.4	206.7	187.4
-12.5°	696.5	597.6	498.0	406.8	333.4	288.6	262.4	241.0	219.5	200.1	181.1
-13.75°	635.6	538.1	445.7	365.6	308.3	275.6	253.0	232.0	211.4	192.9	174.2
-15°	568.2	477.4	394.4	328.2	287.8	263.2	242.8	222.2	203.3	185.1	168.7
-16.25°	500.1	418.6	349.5	301.6	272.8	251.8	231.9	212.2	194.6	176.7	162.7
-17.5°	433.3	364.0	311.6	280.2	258.9	239.8	220.4	202.6	185.3	169.5	156.4
-18.75°	371.2	317.7	285.4	264.3	245.8	227.2	209.2	192.5	175.6	162.6	149.8
-20°	320.0	289.4	267.9	249.8	232.1	214.1	198.1	181.9	167.6	155.3	142.8
-21.25°	289.4	269.1	251.8	235.0	217.8	202.2	186.6	171.6	159.7	147.6	135.4





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

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	267.9	251.8	236.0	219.7	204.6	189.8	174.7	163.1	151.5	139.7	127.7
-23.75°	249.8	235.0	219.7	205.5	191.4	177.0	165.4	154.2	142.9	131.4	119.7
-25°	232.1	217.8	204.6	191.4	177.8	166.5	155.9	145.1	134.1	122.8	111.8
-26.25°	214.1	202.2	189.8	177.0	166.5	156.5	146.2	135.7	124.9	114.0	105.2
-27.5°	198.1	186.6	174.7	165.4	155.9	146.2	136.2	126.0	115.5	106.7	98.3
-28.75°	181.9	171.6	163.1	154.2	145.1	135.7	126.0	116.0	107.5	99.5	91.3
-30°	167.6	159.7	151.5	142.9	134.1	124.9	115.5	107.5	99.9	92.1	84.4
-31.25°	155.3	147.6	139.7	131.4	122.8	114.0	106.7	99.5	92.1	84.7	77.3
-32.5°	142.8	135.4	127.7	119.7	111.8	105.2	98.3	91.3	84.4	77.3	70.1
-33.75°	130.1	123.0	115.5	109.0	102.8	96.4	89.8	83.3	76.6	69.7	64.6
-35°	117.2	111.0	105.5	99.7	93.7	87.6	81.5	75.2	68.7	64.2	60.3
-36.25°	106.3	101.2	95.9	90.3	84.7	79.0	73.1	67.0	63.4	59.7	55.9
-37.5°	96.2	91.3	86.3	81.2	75.8	70.3	65.6	62.2	58.7	55.2	53.2
-38.75°	86.2	81.7	76.9	72.0	66.9	63.8	60.7	57.4	54.1	52.9	51.6
-40°	76.4	72.0	67.5	64.5	61.7	58.7	55.7	53.5	52.4	51.2	50.0
-41.25°	66.7	64.3	61.8	59.2	56.4	53.9	52.9	51.8	50.7	49.6	49.0
-42.5°	61.1	58.8	56.3	54.0	53.1	52.1	51.1	50.1	49.3	48.7	48.2
-43.75°	55.4	53.8	53.0	52.1	51.2	50.3	49.5	49.0	48.4	47.9	47.3
-45°	52.6	51.8	51.0	50.2	49.5	49.0	48.5	48.0	47.5	47.0	46.5
-46.25°	50.5	49.8	49.3	48.9	48.5	48.1	47.6	47.1	46.7	46.2	45.7
-47.5°	49.1	48.7	48.3	47.9	47.5	47.1	46.7	46.3	45.8	45.3	44.8
-48.75°	48.0	47.7	47.3	47.0	46.6	46.2	45.8	45.4	44.9	44.3	43.7
-50°	47.0	46.7	46.4	46.0	45.7	45.3	44.8	44.3	43.8	43.2	42.7
-51.25°	46.0	45.7	45.4	45.0	44.6	44.1	43.7	43.2	42.7	42.2	41.7
-52.5°	45.0	44.6	44.2	43.8	43.4	43.0	42.5	42.1	41.7	41.3	40.8
-53.75°	43.7	43.4	43.0	42.6	42.2	41.9	41.5	41.1	40.7	40.3	39.9
-55°	42.4	42.1	41.8	41.5	41.2	40.9	40.5	40.2	39.7	39.1	38.5
-56.25°	41.4	41.1	40.8	40.5	40.2	39.8	39.4	38.8	38.3	37.8	37.2
-57.5°	40.3	40.0	39.7	39.3	38.8	38.4	37.9	37.4	36.9	36.4	35.7
-58.75°	38.9	38.5	38.1	37.8	37.3	36.9	36.4	35.9	35.3	34.8	34.2
-60°	37.3	37.0	36.6	36.2	35.7	35.3	34.8	34.3	33.7	33.2	32.6
-61.25°	35.6	35.2	34.9	34.4	34.0	33.6	33.1	32.6	31.9	31.2	30.5
-62.5°	33.8	33.5	33.1	32.7	32.2	31.6	31.0	30.4	29.8	29.1	28.5
-63.75°	31.8	31.4	30.9	30.4	29.9	29.4	28.8	28.2	27.6	27.2	26.7
-65°	29.4	29.0	28.6	28.1	27.6	27.2	26.8	26.4	26.0	25.5	25.1
-66.25°	27.2	26.9	26.6	26.2	25.9	25.5	25.2	24.8	24.3	23.9	23.4
-67.5°	25.4	25.1	24.8	24.5	24.2	23.8	23.4	23.0	22.5	22.1	21.6
-68.75°	23.5	23.2	22.9	22.6	22.2	21.8	21.5	21.0	20.6	20.2	19.7
-70°	21.4	21.2	20.9	20.5	20.2	19.9	19.5	19.2	19.0	18.7	18.5
-71.25°	19.3	19.1	19.0	18.8	18.7	18.5	18.3	18.2	18.0	17.8	17.6
-72.5°	18.2	18.1	17.9	17.8	17.6	17.5	17.3	17.2	17.0	16.8	16.6
-73.75°	17.1	17.0	16.9	16.8	16.6	16.5	16.3	16.2	16.0	15.8	15.7
-75°	16.1	15.9	15.8	15.7	15.6	15.4	15.3	15.2	15.0	14.9	14.7
-76.25°	15.0	14.9	14.8	14.7	14.5	14.4	14.3	14.2	14.1	13.9	13.8
-77.5°	13.9	13.8	13.8	13.7	13.6	13.5	13.3	13.2	13.1	13.0	12.9



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	12.9	12.8	12.7	12.7	12.6	12.5	12.4	12.2	12.1	12.0	11.8
-80°	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.6
-81.25°	10.4	10.3	10.2	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4
-82.5°	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0
-83.75°	7.4	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.8	6.7	6.6
-85°	5.8	5.7	5.7	5.6	5.6	5.5	5.4	5.4	5.3	5.2	5.1
-86.25°	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.7
-87.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-88.75°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
86.25°	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0	2.9
85°	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
83.75°	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3
82.5°	7.9	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.6	6.4
81.25°	9.3	9.1	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.6
80°	10.5	10.4	10.2	10.1	9.9	9.8	9.6	9.4	9.2	9.0	8.8
78.75°	11.7	11.5	11.3	11.2	11.0	10.8	10.6	10.5	10.3	10.1	9.9
77.5°	12.7	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.8
76.25°	13.6	13.5	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.0	11.8
75°	14.5	14.4	14.2	14.0	13.8	13.7	13.5	13.3	13.1	12.9	12.7
73.75°	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9	13.6	13.4
72.5°	16.4	16.2	16.0	15.8	15.6	15.4	15.1	14.9	14.6	14.4	14.2
71.25°	17.4	17.1	16.9	16.7	16.5	16.2	16.0	15.7	15.5	15.2	14.9
70°	18.3	18.1	17.8	17.6	17.3	17.1	16.8	16.5	16.3	16.0	15.7
68.75°	19.3	19.0	18.7	18.5	18.2	17.9	17.6	17.4	17.1	16.8	16.5
67.5°	21.1	20.6	20.1	19.5	19.1	18.8	18.5	18.2	17.9	17.5	17.2
66.25°	22.9	22.4	21.8	21.2	20.7	20.0	19.4	19.0	18.7	18.3	18.0
65°	24.6	24.1	23.6	23.0	22.3	21.7	21.0	20.4	19.7	19.1	18.7
63.75°	26.2	25.6	25.1	24.5	24.0	23.3	22.7	22.0	21.2	20.5	19.8
62.5°	27.8	27.2	26.6	26.0	25.4	24.8	24.2	23.5	22.8	22.0	21.2
61.25°	29.8	29.0	28.3	27.5	26.9	26.2	25.6	24.9	24.2	23.5	22.7
60°	31.8	31.0	30.2	29.4	28.5	27.6	26.9	26.2	25.5	24.8	24.1
58.75°	33.6	32.9	32.2	31.3	30.4	29.5	28.5	27.6	26.8	26.1	25.3
57.5°	35.1	34.4	33.8	33.1	32.2	31.3	30.3	29.3	28.3	27.3	26.5
56.25°	36.6	35.9	35.2	34.5	33.8	33.0	32.1	31.0	30.0	28.9	27.8
55°	37.9	37.3	36.7	35.9	35.2	34.4	33.6	32.7	31.6	30.5	29.4
53.75°	39.3	38.6	37.9	37.2	36.5	35.7	34.9	34.0	33.1	32.1	30.9
52.5°	40.4	39.9	39.2	38.5	37.7	37.0	36.2	35.3	34.4	33.5	32.5
51.25°	41.3	40.8	40.3	39.7	38.9	38.2	37.4	36.6	35.6	34.7	33.7
50°	42.1	41.6	41.1	40.6	40.1	39.3	38.5	37.7	36.8	35.9	34.9
48.75°	43.1	42.5	42.0	41.4	40.9	40.3	39.6	38.8	37.9	37.0	36.0
47.5°	44.2	43.5	42.9	42.2	41.7	41.1	40.5	39.8	38.9	38.0	37.1
46.25°	45.2	44.5	43.9	43.2	42.5	41.8	41.2	40.6	40.0	39.0	38.1
45°	46.0	45.4	44.8	44.1	43.4	42.6	41.9	41.3	40.7	40.0	39.0
43.75°	46.8	46.2	45.7	45.1	44.3	43.5	42.7	42.0	41.3	40.7	40.0
42.5°	47.6	47.0	46.4	45.8	45.2	44.4	43.6	42.8	42.0	41.3	40.6
41.25°	48.4	47.8	47.1	46.5	45.9	45.2	44.5	43.6	42.7	41.9	41.2
40°	49.2	48.6	47.9	47.2	46.6	45.9	45.2	44.4	43.5	42.6	41.8
38.75°	50.4	49.3	48.7	48.0	47.3	46.6	45.9	45.2	44.3	43.4	42.5
37.5°	51.9	50.6	49.4	48.7	48.0	47.2	46.5	45.8	45.1	44.1	43.2
36.25°	53.4	52.0	50.6	49.4	48.7	47.9	47.1	46.4	45.7	44.8	43.9
35°	56.3	53.5	52.0	50.6	49.3	48.6	47.8	47.0	46.2	45.4	44.5



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	60.5	56.3	53.4	51.9	50.4	49.2	48.4	47.6	46.8	46.0	45.2
32.5°	64.6	60.3	55.9	53.2	51.6	50.0	49.0	48.2	47.3	46.5	45.7
31.25°	69.7	64.2	59.7	55.2	52.9	51.2	49.6	48.7	47.9	47.0	46.2
30°	76.6	68.7	63.4	58.7	54.1	52.4	50.7	49.3	48.4	47.5	46.7
28.75°	83.3	75.2	67.0	62.2	57.4	53.5	51.8	50.1	49.0	48.0	47.1
27.5°	89.8	81.5	73.1	65.6	60.7	55.7	52.9	51.1	49.5	48.5	47.6
26.25°	96.4	87.6	79.0	70.3	63.8	58.7	53.9	52.1	50.3	49.0	48.1
25°	102.8	93.7	84.7	75.8	66.9	61.7	56.4	53.1	51.2	49.5	48.5
23.75°	109.0	99.7	90.3	81.2	72.0	64.5	59.2	54.0	52.1	50.2	48.9
22.5°	115.5	105.5	95.9	86.3	76.9	67.5	61.8	56.3	53.0	51.0	49.3
21.25°	123.0	111.0	101.2	91.3	81.7	72.0	64.3	58.8	53.8	51.8	49.8
20°	130.1	117.2	106.3	96.2	86.2	76.4	66.7	61.1	55.4	52.6	50.5
18.75°	136.8	123.8	111.2	100.9	90.6	80.6	70.6	63.3	57.5	53.3	51.2
17.5°	143.3	130.0	116.6	105.3	94.8	84.5	74.3	65.4	59.5	53.9	51.9
16.25°	149.3	135.8	122.2	109.5	98.9	88.2	77.9	67.5	61.4	55.4	52.5
15°	155.0	141.3	127.4	113.5	102.6	91.7	81.2	70.7	63.1	57.1	53.0
13.75°	160.3	146.4	132.3	118.2	106.1	95.1	84.3	73.7	64.7	58.6	53.6
12.5°	165.2	151.1	136.8	122.5	109.3	98.2	87.1	76.4	66.2	60.1	54.0
11.25°	169.7	155.3	140.9	126.5	112.2	101.0	89.7	78.9	68.0	61.4	55.2
10°	173.7	159.2	144.7	130.0	115.4	103.5	92.1	81.1	70.1	62.5	56.3
8.75°	178.5	162.7	148.0	133.2	118.4	105.8	94.3	83.1	72.0	63.6	57.3
7.5°	182.7	165.7	150.8	136.0	121.0	107.7	96.2	84.8	73.7	64.5	58.1
6.25°	186.3	168.2	153.3	138.3	123.3	109.4	97.7	86.3	75.1	65.2	58.9
5°	189.3	170.3	155.3	140.2	125.1	110.8	99.1	87.5	76.2	65.9	59.5
3.75°	191.6	172.0	156.9	141.8	126.6	111.8	100.1	88.4	77.1	66.4	59.9
2.5°	193.3	173.2	158.0	142.8	127.6	112.6	100.8	89.1	77.8	66.7	60.3
1.25°	194.3	173.9	158.7	143.5	128.2	113.0	101.3	89.5	78.2	66.9	60.5
0°	194.7	174.1	158.9	143.7	128.5	113.2	101.4	89.6	78.3	67.0	60.6
-1.25°	194.3	173.9	158.7	143.5	128.2	113.0	101.3	89.5	78.2	66.9	60.5
-2.5°	193.3	173.2	158.0	142.8	127.6	112.6	100.8	89.1	77.8	66.7	60.3
-3.75°	191.6	172.0	156.9	141.8	126.6	111.8	100.1	88.4	77.1	66.4	59.9
-5°	189.3	170.3	155.3	140.2	125.1	110.8	99.1	87.5	76.2	65.9	59.5
-6.25°	186.3	168.2	153.3	138.3	123.3	109.4	97.7	86.3	75.1	65.2	58.9
-7.5°	182.7	165.7	150.8	136.0	121.0	107.7	96.2	84.8	73.7	64.5	58.1
-8.75°	178.5	162.7	148.0	133.2	118.4	105.8	94.3	83.1	72.0	63.6	57.3
-10°	173.7	159.2	144.7	130.0	115.4	103.5	92.1	81.1	70.1	62.5	56.3
-11.25°	169.7	155.3	140.9	126.5	112.2	101.0	89.7	78.9	68.0	61.4	55.2
-12.5°	165.2	151.1	136.8	122.5	109.3	98.2	87.1	76.4	66.2	60.1	54.0
-13.75°	160.3	146.4	132.3	118.2	106.1	95.1	84.3	73.7	64.7	58.6	53.6
-15°	155.0	141.3	127.4	113.5	102.6	91.7	81.2	70.7	63.1	57.1	53.0
-16.25°	149.3	135.8	122.2	109.5	98.9	88.2	77.9	67.5	61.4	55.4	52.5
-17.5°	143.3	130.0	116.6	105.3	94.8	84.5	74.3	65.4	59.5	53.9	51.9
-18.75°	136.8	123.8	111.2	100.9	90.6	80.6	70.6	63.3	57.5	53.3	51.2
-20°	130.1	117.2	106.3	96.2	86.2	76.4	66.7	61.1	55.4	52.6	50.5
-21.25°	123.0	111.0	101.2	91.3	81.7	72.0	64.3	58.8	53.8	51.8	49.8



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	115.5	105.5	95.9	86.3	76.9	67.5	61.8	56.3	53.0	51.0	49.3
-23.75°	109.0	99.7	90.3	81.2	72.0	64.5	59.2	54.0	52.1	50.2	48.9
-25°	102.8	93.7	84.7	75.8	66.9	61.7	56.4	53.1	51.2	49.5	48.5
-26.25°	96.4	87.6	79.0	70.3	63.8	58.7	53.9	52.1	50.3	49.0	48.1
-27.5°	89.8	81.5	73.1	65.6	60.7	55.7	52.9	51.1	49.5	48.5	47.6
-28.75°	83.3	75.2	67.0	62.2	57.4	53.5	51.8	50.1	49.0	48.0	47.1
-30°	76.6	68.7	63.4	58.7	54.1	52.4	50.7	49.3	48.4	47.5	46.7
-31.25°	69.7	64.2	59.7	55.2	52.9	51.2	49.6	48.7	47.9	47.0	46.2
-32.5°	64.6	60.3	55.9	53.2	51.6	50.0	49.0	48.2	47.3	46.5	45.7
-33.75°	60.5	56.3	53.4	51.9	50.4	49.2	48.4	47.6	46.8	46.0	45.2
-35°	56.3	53.5	52.0	50.6	49.3	48.6	47.8	47.0	46.2	45.4	44.5
-36.25°	53.4	52.0	50.6	49.4	48.7	47.9	47.1	46.4	45.7	44.8	43.9
-37.5°	51.9	50.6	49.4	48.7	48.0	47.2	46.5	45.8	45.1	44.1	43.2
-38.75°	50.4	49.3	48.7	48.0	47.3	46.6	45.9	45.2	44.3	43.4	42.5
-40°	49.2	48.6	47.9	47.2	46.6	45.9	45.2	44.4	43.5	42.6	41.8
-41.25°	48.4	47.8	47.1	46.5	45.9	45.2	44.5	43.6	42.7	41.9	41.2
-42.5°	47.6	47.0	46.4	45.8	45.2	44.4	43.6	42.8	42.0	41.3	40.6
-43.75°	46.8	46.2	45.7	45.1	44.3	43.5	42.7	42.0	41.3	40.7	40.0
-45°	46.0	45.4	44.8	44.1	43.4	42.6	41.9	41.3	40.7	40.0	39.0
-46.25°	45.2	44.5	43.9	43.2	42.5	41.8	41.2	40.6	40.0	39.0	38.1
-47.5°	44.2	43.5	42.9	42.2	41.7	41.1	40.5	39.8	38.9	38.0	37.1
-48.75°	43.1	42.5	42.0	41.4	40.9	40.3	39.6	38.8	37.9	37.0	36.0
-50°	42.1	41.6	41.1	40.6	40.1	39.3	38.5	37.7	36.8	35.9	34.9
-51.25°	41.3	40.8	40.3	39.7	38.9	38.2	37.4	36.6	35.6	34.7	33.7
-52.5°	40.4	39.9	39.2	38.5	37.7	37.0	36.2	35.3	34.4	33.5	32.5
-53.75°	39.3	38.6	37.9	37.2	36.5	35.7	34.9	34.0	33.1	32.1	30.9
-55°	37.9	37.3	36.7	35.9	35.2	34.4	33.6	32.7	31.6	30.5	29.4
-56.25°	36.6	35.9	35.2	34.5	33.8	33.0	32.1	31.0	30.0	28.9	27.8
-57.5°	35.1	34.4	33.8	33.1	32.2	31.3	30.3	29.3	28.3	27.3	26.5
-58.75°	33.6	32.9	32.2	31.3	30.4	29.5	28.5	27.6	26.8	26.1	25.3
-60°	31.8	31.0	30.2	29.4	28.5	27.6	26.9	26.2	25.5	24.8	24.1
-61.25°	29.8	29.0	28.3	27.5	26.9	26.2	25.6	24.9	24.2	23.5	22.7
-62.5°	27.8	27.2	26.6	26.0	25.4	24.8	24.2	23.5	22.8	22.0	21.2
-63.75°	26.2	25.6	25.1	24.5	24.0	23.3	22.7	22.0	21.2	20.5	19.8
-65°	24.6	24.1	23.6	23.0	22.3	21.7	21.0	20.4	19.7	19.1	18.7
-66.25°	22.9	22.4	21.8	21.2	20.7	20.0	19.4	19.0	18.7	18.3	18.0
-67.5°	21.1	20.6	20.1	19.5	19.1	18.8	18.5	18.2	17.9	17.5	17.2
-68.75°	19.3	19.0	18.7	18.5	18.2	17.9	17.6	17.4	17.1	16.8	16.5
-70°	18.3	18.1	17.8	17.6	17.3	17.1	16.8	16.5	16.3	16.0	15.7
-71.25°	17.4	17.1	16.9	16.7	16.5	16.2	16.0	15.7	15.5	15.2	14.9
-72.5°	16.4	16.2	16.0	15.8	15.6	15.4	15.1	14.9	14.6	14.4	14.2
-73.75°	15.5	15.3	15.1	14.9	14.7	14.5	14.3	14.1	13.9	13.6	13.4
-75°	14.5	14.4	14.2	14.0	13.8	13.7	13.5	13.3	13.1	12.9	12.7
-76.25°	13.6	13.5	13.3	13.2	13.0	12.8	12.7	12.5	12.3	12.0	11.8
-77.5°	12.7	12.6	12.4	12.3	12.1	11.9	11.7	11.5	11.3	11.1	10.8



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	11.7	11.5	11.3	11.2	11.0	10.8	10.6	10.5	10.3	10.1	9.9
-80°	10.5	10.4	10.2	10.1	9.9	9.8	9.6	9.4	9.2	9.0	8.8
-81.25°	9.3	9.1	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.6
-82.5°	7.9	7.7	7.6	7.5	7.3	7.2	7.1	6.9	6.8	6.6	6.4
-83.75°	6.5	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.5	5.4	5.3
-85°	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
-86.25°	3.6	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.1	3.0	2.9
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	1.9
-88.75°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
86.25°	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1
85°	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	2.9	2.8
83.75°	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.6
82.5°	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.1	4.9	4.7	4.5
81.25°	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.3
80°	8.6	8.3	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.2
78.75°	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.9	7.6	7.3	7.0
77.5°	10.6	10.4	10.2	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.8
76.25°	11.5	11.3	11.0	10.8	10.5	10.2	10.0	9.7	9.4	9.0	8.7
75°	12.5	12.2	11.9	11.6	11.4	11.1	10.8	10.5	10.2	9.8	9.5
73.75°	13.2	13.0	12.7	12.5	12.2	11.9	11.5	11.2	10.9	10.5	10.2
72.5°	13.9	13.7	13.4	13.1	12.9	12.6	12.3	12.0	11.6	11.3	10.9
71.25°	14.6	14.4	14.1	13.8	13.5	13.2	12.9	12.7	12.3	12.0	11.6
70°	15.4	15.1	14.8	14.5	14.2	13.9	13.6	13.2	12.9	12.6	12.2
68.75°	16.1	15.8	15.5	15.2	14.8	14.5	14.2	13.8	13.5	13.1	12.8
67.5°	16.9	16.5	16.2	15.9	15.5	15.1	14.8	14.4	14.0	13.7	13.3
66.25°	17.6	17.3	16.9	16.5	16.2	15.8	15.4	15.0	14.6	14.2	13.8
65°	18.4	18.0	17.6	17.2	16.8	16.4	16.0	15.6	15.2	14.8	14.3
63.75°	19.1	18.7	18.3	17.9	17.5	17.0	16.6	16.2	15.7	15.3	14.9
62.5°	20.4	19.6	19.0	18.6	18.1	17.7	17.2	16.8	16.3	15.9	15.4
61.25°	21.8	21.0	20.1	19.2	18.8	18.3	17.8	17.4	16.9	16.4	15.9
60°	23.2	22.3	21.4	20.5	19.6	18.9	18.4	17.9	17.4	16.9	16.4
58.75°	24.5	23.7	22.8	21.8	20.8	19.9	19.0	18.5	18.0	17.5	16.9
57.5°	25.7	24.9	24.0	23.1	22.1	21.0	20.0	19.1	18.5	18.0	17.4
56.25°	26.9	26.0	25.1	24.2	23.3	22.2	21.1	20.1	19.1	18.5	17.9
55°	28.2	27.2	26.3	25.3	24.4	23.4	22.3	21.1	20.0	19.0	18.4
53.75°	29.7	28.5	27.3	26.4	25.4	24.4	23.4	22.2	21.0	19.9	18.9
52.5°	31.2	30.0	28.7	27.4	26.4	25.4	24.4	23.3	22.1	20.8	19.6
51.25°	32.7	31.4	30.1	28.8	27.4	26.4	25.3	24.2	23.1	21.8	20.5
50°	33.9	32.8	31.5	30.1	28.7	27.3	26.3	25.1	24.0	22.8	21.4
48.75°	35.0	33.9	32.8	31.4	30.0	28.5	27.2	26.0	24.9	23.7	22.3
47.5°	36.1	35.0	33.9	32.7	31.2	29.7	28.2	26.9	25.7	24.5	23.2
46.25°	37.1	36.0	34.9	33.7	32.5	30.9	29.4	27.8	26.5	25.3	24.1
45°	38.0	37.0	35.9	34.7	33.5	32.1	30.5	28.9	27.3	26.1	24.8
43.75°	38.9	37.9	36.8	35.6	34.4	33.1	31.6	30.0	28.3	26.8	25.5
42.5°	39.8	38.8	37.7	36.6	35.3	34.0	32.7	31.0	29.3	27.6	26.2
41.25°	40.5	39.6	38.5	37.4	36.2	34.9	33.6	32.1	30.3	28.5	26.9
40°	41.1	40.3	39.3	38.2	37.0	35.7	34.4	33.0	31.3	29.5	27.6
38.75°	41.7	40.9	40.1	38.9	37.7	36.5	35.2	33.8	32.2	30.4	28.5
37.5°	42.2	41.4	40.6	39.7	38.5	37.2	35.9	34.5	33.1	31.3	29.4
36.25°	42.9	42.0	41.1	40.3	39.2	37.9	36.7	35.2	33.8	32.2	30.2
35°	43.5	42.5	41.6	40.8	39.9	38.6	37.3	35.9	34.4	32.9	31.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	44.2	43.1	42.1	41.3	40.4	39.3	37.9	36.6	35.1	33.6	31.8
32.5°	44.8	43.7	42.7	41.7	40.8	39.9	38.5	37.2	35.7	34.2	32.6
31.25°	45.3	44.3	43.2	42.2	41.3	40.3	39.1	37.8	36.4	34.8	33.2
30°	45.8	44.9	43.8	42.7	41.7	40.7	39.7	38.3	36.9	35.3	33.7
28.75°	46.3	45.4	44.3	43.2	42.1	41.1	40.2	38.8	37.4	35.9	34.3
27.5°	46.7	45.8	44.8	43.7	42.5	41.5	40.5	39.4	37.9	36.4	34.8
26.25°	47.1	46.2	45.3	44.1	43.0	41.9	40.9	39.8	38.4	36.9	35.3
25°	47.5	46.6	45.7	44.6	43.4	42.2	41.2	40.2	38.8	37.3	35.7
23.75°	47.9	47.0	46.0	45.0	43.8	42.6	41.5	40.5	39.3	37.8	36.2
22.5°	48.3	47.3	46.4	45.4	44.2	43.0	41.8	40.8	39.7	38.1	36.6
21.25°	48.7	47.7	46.7	45.7	44.6	43.4	42.1	41.1	40.0	38.5	37.0
20°	49.1	48.0	47.0	46.0	45.0	43.7	42.4	41.4	40.3	38.9	37.3
18.75°	49.4	48.3	47.3	46.3	45.3	44.0	42.7	41.6	40.5	39.2	37.6
17.5°	49.8	48.6	47.6	46.6	45.5	44.3	43.0	41.8	40.8	39.5	37.9
16.25°	50.4	48.9	47.9	46.8	45.8	44.6	43.3	42.1	41.0	39.8	38.2
15°	50.9	49.2	48.1	47.0	46.0	44.9	43.6	42.3	41.2	40.1	38.5
13.75°	51.4	49.4	48.3	47.3	46.2	45.1	43.8	42.5	41.3	40.2	38.7
12.5°	51.9	49.7	48.6	47.5	46.4	45.3	44.0	42.7	41.5	40.4	38.9
11.25°	52.3	50.1	48.8	47.6	46.6	45.5	44.2	42.9	41.7	40.5	39.1
10°	52.7	50.5	48.9	47.8	46.7	45.6	44.4	43.1	41.8	40.7	39.3
8.75°	53.0	50.8	49.1	48.0	46.9	45.8	44.6	43.2	41.9	40.8	39.5
7.5°	53.3	51.1	49.2	48.1	47.0	45.9	44.7	43.3	42.0	40.9	39.6
6.25°	53.5	51.3	49.3	48.2	47.1	46.0	44.8	43.4	42.1	41.0	39.7
5°	53.7	51.5	49.4	48.3	47.2	46.1	44.9	43.5	42.2	41.0	39.8
3.75°	53.9	51.7	49.5	48.4	47.2	46.1	45.0	43.6	42.2	41.1	39.9
2.5°	54.0	51.8	49.6	48.4	47.3	46.2	45.1	43.7	42.3	41.1	40.0
1.25°	54.1	51.8	49.6	48.4	47.3	46.2	45.1	43.7	42.3	41.1	40.0
0°	54.1	51.9	49.6	48.5	47.3	46.2	45.1	43.7	42.3	41.2	40.0
-1.25°	54.1	51.8	49.6	48.4	47.3	46.2	45.1	43.7	42.3	41.1	40.0
-2.5°	54.0	51.8	49.6	48.4	47.3	46.2	45.1	43.7	42.3	41.1	40.0
-3.75°	53.9	51.7	49.5	48.4	47.2	46.1	45.0	43.6	42.2	41.1	39.9
-5°	53.7	51.5	49.4	48.3	47.2	46.1	44.9	43.5	42.2	41.0	39.8
-6.25°	53.5	51.3	49.3	48.2	47.1	46.0	44.8	43.4	42.1	41.0	39.7
-7.5°	53.3	51.1	49.2	48.1	47.0	45.9	44.7	43.3	42.0	40.9	39.6
-8.75°	53.0	50.8	49.1	48.0	46.9	45.8	44.6	43.2	41.9	40.8	39.5
-10°	52.7	50.5	48.9	47.8	46.7	45.6	44.4	43.1	41.8	40.7	39.3
-11.25°	52.3	50.1	48.8	47.6	46.6	45.5	44.2	42.9	41.7	40.5	39.1
-12.5°	51.9	49.7	48.6	47.5	46.4	45.3	44.0	42.7	41.5	40.4	38.9
-13.75°	51.4	49.4	48.3	47.3	46.2	45.1	43.8	42.5	41.3	40.2	38.7
-15°	50.9	49.2	48.1	47.0	46.0	44.9	43.6	42.3	41.2	40.1	38.5
-16.25°	50.4	48.9	47.9	46.8	45.8	44.6	43.3	42.1	41.0	39.8	38.2
-17.5°	49.8	48.6	47.6	46.6	45.5	44.3	43.0	41.8	40.8	39.5	37.9
-18.75°	49.4	48.3	47.3	46.3	45.3	44.0	42.7	41.6	40.5	39.2	37.6
-20°	49.1	48.0	47.0	46.0	45.0	43.7	42.4	41.4	40.3	38.9	37.3
-21.25°	48.7	47.7	46.7	45.7	44.6	43.4	42.1	41.1	40.0	38.5	37.0





REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	48.3	47.3	46.4	45.4	44.2	43.0	41.8	40.8	39.7	38.1	36.6
-23.75°	47.9	47.0	46.0	45.0	43.8	42.6	41.5	40.5	39.3	37.8	36.2
-25°	47.5	46.6	45.7	44.6	43.4	42.2	41.2	40.2	38.8	37.3	35.7
-26.25°	47.1	46.2	45.3	44.1	43.0	41.9	40.9	39.8	38.4	36.9	35.3
-27.5°	46.7	45.8	44.8	43.7	42.5	41.5	40.5	39.4	37.9	36.4	34.8
-28.75°	46.3	45.4	44.3	43.2	42.1	41.1	40.2	38.8	37.4	35.9	34.3
-30°	45.8	44.9	43.8	42.7	41.7	40.7	39.7	38.3	36.9	35.3	33.7
-31.25°	45.3	44.3	43.2	42.2	41.3	40.3	39.1	37.8	36.4	34.8	33.2
-32.5°	44.8	43.7	42.7	41.7	40.8	39.9	38.5	37.2	35.7	34.2	32.6
-33.75°	44.2	43.1	42.1	41.3	40.4	39.3	37.9	36.6	35.1	33.6	31.8
-35°	43.5	42.5	41.6	40.8	39.9	38.6	37.3	35.9	34.4	32.9	31.0
-36.25°	42.9	42.0	41.1	40.3	39.2	37.9	36.7	35.2	33.8	32.2	30.2
-37.5°	42.2	41.4	40.6	39.7	38.5	37.2	35.9	34.5	33.1	31.3	29.4
-38.75°	41.7	40.9	40.1	38.9	37.7	36.5	35.2	33.8	32.2	30.4	28.5
-40°	41.1	40.3	39.3	38.2	37.0	35.7	34.4	33.0	31.3	29.5	27.6
-41.25°	40.5	39.6	38.5	37.4	36.2	34.9	33.6	32.1	30.3	28.5	26.9
-42.5°	39.8	38.8	37.7	36.6	35.3	34.0	32.7	31.0	29.3	27.6	26.2
-43.75°	38.9	37.9	36.8	35.6	34.4	33.1	31.6	30.0	28.3	26.8	25.5
-45°	38.0	37.0	35.9	34.7	33.5	32.1	30.5	28.9	27.3	26.1	24.8
-46.25°	37.1	36.0	34.9	33.7	32.5	30.9	29.4	27.8	26.5	25.3	24.1
-47.5°	36.1	35.0	33.9	32.7	31.2	29.7	28.2	26.9	25.7	24.5	23.2
-48.75°	35.0	33.9	32.8	31.4	30.0	28.5	27.2	26.0	24.9	23.7	22.3
-50°	33.9	32.8	31.5	30.1	28.7	27.3	26.3	25.1	24.0	22.8	21.4
-51.25°	32.7	31.4	30.1	28.8	27.4	26.4	25.3	24.2	23.1	21.8	20.5
-52.5°	31.2	30.0	28.7	27.4	26.4	25.4	24.4	23.3	22.1	20.8	19.6
-53.75°	29.7	28.5	27.3	26.4	25.4	24.4	23.4	22.2	21.0	19.9	18.9
-55°	28.2	27.2	26.3	25.3	24.4	23.4	22.3	21.1	20.0	19.0	18.4
-56.25°	26.9	26.0	25.1	24.2	23.3	22.2	21.1	20.1	19.1	18.5	17.9
-57.5°	25.7	24.9	24.0	23.1	22.1	21.0	20.0	19.1	18.5	18.0	17.4
-58.75°	24.5	23.7	22.8	21.8	20.8	19.9	19.0	18.5	18.0	17.5	16.9
-60°	23.2	22.3	21.4	20.5	19.6	18.9	18.4	17.9	17.4	16.9	16.4
-61.25°	21.8	21.0	20.1	19.2	18.8	18.3	17.8	17.4	16.9	16.4	15.9
-62.5°	20.4	19.6	19.0	18.6	18.1	17.7	17.2	16.8	16.3	15.9	15.4
-63.75°	19.1	18.7	18.3	17.9	17.5	17.0	16.6	16.2	15.7	15.3	14.9
-65°	18.4	18.0	17.6	17.2	16.8	16.4	16.0	15.6	15.2	14.8	14.3
-66.25°	17.6	17.3	16.9	16.5	16.2	15.8	15.4	15.0	14.6	14.2	13.8
-67.5°	16.9	16.5	16.2	15.9	15.5	15.1	14.8	14.4	14.0	13.7	13.3
-68.75°	16.1	15.8	15.5	15.2	14.8	14.5	14.2	13.8	13.5	13.1	12.8
-70°	15.4	15.1	14.8	14.5	14.2	13.9	13.6	13.2	12.9	12.6	12.2
-71.25°	14.6	14.4	14.1	13.8	13.5	13.2	12.9	12.7	12.3	12.0	11.6
-72.5°	13.9	13.7	13.4	13.1	12.9	12.6	12.3	12.0	11.6	11.3	10.9
-73.75°	13.2	13.0	12.7	12.5	12.2	11.9	11.5	11.2	10.9	10.5	10.2
-75°	12.5	12.2	11.9	11.6	11.4	11.1	10.8	10.5	10.2	9.8	9.5
-76.25°	11.5	11.3	11.0	10.8	10.5	10.2	10.0	9.7	9.4	9.0	8.7
-77.5°	10.6	10.4	10.2	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.8



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

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.9	7.6	7.3	7.0
-80°	8.6	8.3	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	6.2
-81.25°	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.3
-82.5°	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.1	4.9	4.7	4.5
-83.75°	5.1	5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.6
-85°	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-86.25°	2.8	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-88.75°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
87.5°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8
86.25°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
85°	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6
83.75°	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0
82.5°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3
81.25°	5.1	4.9	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0	2.7
80°	5.9	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.8	3.5	3.2
78.75°	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7
77.5°	7.5	7.2	6.9	6.5	6.2	5.9	5.5	5.2	4.8	4.5	4.1
76.25°	8.3	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.4	5.0	4.6
75°	9.1	8.7	8.3	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.0
73.75°	9.9	9.5	9.1	8.6	8.2	7.8	7.3	6.9	6.4	6.0	5.5
72.5°	10.5	10.1	9.8	9.3	8.9	8.4	7.9	7.4	6.9	6.5	6.0
71.25°	11.2	10.8	10.4	9.9	9.5	9.0	8.5	8.0	7.5	6.9	6.4
70°	11.8	11.4	10.9	10.5	10.1	9.6	9.1	8.5	8.0	7.4	6.9
68.75°	12.4	12.0	11.5	11.1	10.6	10.1	9.7	9.1	8.5	7.9	7.3
67.5°	12.9	12.6	12.1	11.6	11.1	10.6	10.1	9.6	9.0	8.4	7.8
66.25°	13.4	13.0	12.6	12.2	11.7	11.1	10.6	10.1	9.5	8.9	8.2
65°	13.9	13.5	13.1	12.7	12.2	11.6	11.1	10.5	9.9	9.3	8.6
63.75°	14.4	14.0	13.5	13.1	12.6	12.1	11.5	10.9	10.4	9.8	9.1
62.5°	14.9	14.4	14.0	13.5	13.0	12.6	12.0	11.4	10.8	10.1	9.5
61.25°	15.4	14.9	14.4	13.9	13.4	12.9	12.4	11.8	11.2	10.5	9.9
60°	15.9	15.4	14.9	14.3	13.8	13.3	12.8	12.2	11.6	10.9	10.2
58.75°	16.4	15.9	15.3	14.8	14.2	13.7	13.1	12.6	12.0	11.3	10.5
57.5°	16.9	16.3	15.7	15.2	14.6	14.0	13.5	12.9	12.3	11.6	10.9
56.25°	17.4	16.8	16.2	15.6	15.0	14.4	13.8	13.2	12.7	12.0	11.2
55°	17.8	17.2	16.6	16.0	15.4	14.8	14.2	13.6	12.9	12.3	11.5
53.75°	18.3	17.7	17.0	16.4	15.8	15.1	14.5	13.9	13.2	12.6	11.9
52.5°	18.8	18.1	17.5	16.8	16.2	15.5	14.8	14.2	13.5	12.9	12.2
51.25°	19.2	18.6	17.9	17.2	16.5	15.9	15.2	14.5	13.8	13.1	12.5
50°	20.1	19.0	18.3	17.6	16.9	16.2	15.5	14.8	14.1	13.4	12.7
48.75°	21.0	19.6	18.7	18.0	17.3	16.5	15.8	15.1	14.4	13.7	13.0
47.5°	21.8	20.4	19.1	18.4	17.6	16.9	16.1	15.4	14.6	13.9	13.2
46.25°	22.7	21.2	19.8	18.7	18.0	17.2	16.5	15.7	14.9	14.2	13.4
45°	23.5	22.0	20.5	19.1	18.3	17.5	16.8	16.0	15.2	14.4	13.6
43.75°	24.2	22.8	21.2	19.7	18.7	17.9	17.1	16.3	15.5	14.6	13.9
42.5°	24.9	23.5	22.0	20.4	19.0	18.2	17.4	16.5	15.7	14.9	14.1
41.25°	25.6	24.2	22.7	21.0	19.4	18.5	17.6	16.8	16.0	15.1	14.3
40°	26.2	24.8	23.3	21.7	20.0	18.8	17.9	17.1	16.2	15.4	14.5
38.75°	26.9	25.4	24.0	22.3	20.7	19.1	18.2	17.3	16.5	15.6	14.7
37.5°	27.5	26.0	24.5	23.0	21.2	19.5	18.5	17.6	16.7	15.8	14.9
36.25°	28.3	26.6	25.1	23.6	21.8	20.1	18.7	17.8	16.9	16.0	15.1
35°	29.0	27.2	25.6	24.1	22.4	20.6	19.0	18.1	17.1	16.2	15.3



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	29.8	27.8	26.2	24.6	22.9	21.1	19.3	18.3	17.4	16.4	15.5
32.5°	30.5	28.5	26.7	25.1	23.4	21.6	19.7	18.5	17.6	16.6	15.7
31.25°	31.2	29.1	27.2	25.5	23.9	22.1	20.2	18.7	17.8	16.8	15.8
30°	31.9	29.8	27.6	26.0	24.3	22.5	20.6	19.0	18.0	17.0	16.0
28.75°	32.6	30.4	28.2	26.4	24.8	23.0	21.0	19.2	18.2	17.2	16.2
27.5°	33.1	31.0	28.8	26.8	25.2	23.4	21.5	19.5	18.3	17.3	16.3
26.25°	33.6	31.6	29.4	27.2	25.5	23.8	21.8	19.9	18.5	17.5	16.5
25°	34.0	32.2	29.9	27.6	25.9	24.2	22.2	20.2	18.7	17.6	16.6
23.75°	34.4	32.7	30.4	28.1	26.2	24.5	22.6	20.5	18.8	17.8	16.8
22.5°	34.9	33.1	30.9	28.6	26.6	24.8	22.9	20.9	19.0	17.9	16.9
21.25°	35.2	33.5	31.4	29.0	26.9	25.1	23.2	21.2	19.1	18.1	17.0
20°	35.6	33.8	31.8	29.4	27.2	25.4	23.5	21.4	19.3	18.2	17.1
18.75°	36.0	34.1	32.2	29.8	27.5	25.6	23.8	21.7	19.6	18.3	17.2
17.5°	36.3	34.5	32.6	30.2	27.8	25.9	24.0	22.0	19.8	18.4	17.3
16.25°	36.6	34.8	32.9	30.5	28.1	26.1	24.3	22.2	20.1	18.5	17.4
15°	36.9	35.0	33.2	30.8	28.4	26.3	24.5	22.4	20.3	18.6	17.5
13.75°	37.1	35.3	33.4	31.1	28.7	26.5	24.7	22.6	20.4	18.7	17.6
12.5°	37.3	35.5	33.6	31.4	28.9	26.7	24.8	22.8	20.6	18.8	17.7
11.25°	37.5	35.7	33.8	31.7	29.2	26.9	25.0	23.0	20.8	18.9	17.8
10°	37.7	35.9	34.0	31.9	29.4	27.0	25.1	23.1	20.9	18.9	17.8
8.75°	37.8	36.1	34.1	32.1	29.6	27.2	25.2	23.3	21.0	19.0	17.9
7.5°	37.9	36.2	34.3	32.2	29.7	27.3	25.4	23.4	21.2	19.1	17.9
6.25°	38.0	36.3	34.4	32.4	29.8	27.4	25.4	23.5	21.2	19.1	18.0
5°	38.1	36.4	34.5	32.5	30.0	27.5	25.5	23.6	21.3	19.1	18.0
3.75°	38.2	36.5	34.6	32.6	30.0	27.5	25.6	23.6	21.4	19.2	18.0
2.5°	38.3	36.6	34.6	32.6	30.1	27.6	25.6	23.7	21.4	19.2	18.0
1.25°	38.3	36.6	34.6	32.7	30.1	27.6	25.6	23.7	21.4	19.2	18.0
0°	38.3	36.6	34.7	32.7	30.2	27.6	25.7	23.7	21.5	19.2	18.1
-1.25°	38.3	36.6	34.6	32.7	30.1	27.6	25.6	23.7	21.4	19.2	18.0
-2.5°	38.3	36.6	34.6	32.6	30.1	27.6	25.6	23.7	21.4	19.2	18.0
-3.75°	38.2	36.5	34.6	32.6	30.0	27.5	25.6	23.6	21.4	19.2	18.0
-5°	38.1	36.4	34.5	32.5	30.0	27.5	25.5	23.6	21.3	19.1	18.0
-6.25°	38.0	36.3	34.4	32.4	29.8	27.4	25.4	23.5	21.2	19.1	18.0
-7.5°	37.9	36.2	34.3	32.2	29.7	27.3	25.4	23.4	21.2	19.1	17.9
-8.75°	37.8	36.1	34.1	32.1	29.6	27.2	25.2	23.3	21.0	19.0	17.9
-10°	37.7	35.9	34.0	31.9	29.4	27.0	25.1	23.1	20.9	18.9	17.8
-11.25°	37.5	35.7	33.8	31.7	29.2	26.9	25.0	23.0	20.8	18.9	17.8
-12.5°	37.3	35.5	33.6	31.4	28.9	26.7	24.8	22.8	20.6	18.8	17.7
-13.75°	37.1	35.3	33.4	31.1	28.7	26.5	24.7	22.6	20.4	18.7	17.6
-15°	36.9	35.0	33.2	30.8	28.4	26.3	24.5	22.4	20.3	18.6	17.5
-16.25°	36.6	34.8	32.9	30.5	28.1	26.1	24.3	22.2	20.1	18.5	17.4
-17.5°	36.3	34.5	32.6	30.2	27.8	25.9	24.0	22.0	19.8	18.4	17.3
-18.75°	36.0	34.1	32.2	29.8	27.5	25.6	23.8	21.7	19.6	18.3	17.2
-20°	35.6	33.8	31.8	29.4	27.2	25.4	23.5	21.4	19.3	18.2	17.1
-21.25°	35.2	33.5	31.4	29.0	26.9	25.1	23.2	21.2	19.1	18.1	17.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	34.9	33.1	30.9	28.6	26.6	24.8	22.9	20.9	19.0	17.9	16.9
-23.75°	34.4	32.7	30.4	28.1	26.2	24.5	22.6	20.5	18.8	17.8	16.8
-25°	34.0	32.2	29.9	27.6	25.9	24.2	22.2	20.2	18.7	17.6	16.6
-26.25°	33.6	31.6	29.4	27.2	25.5	23.8	21.8	19.9	18.5	17.5	16.5
-27.5°	33.1	31.0	28.8	26.8	25.2	23.4	21.5	19.5	18.3	17.3	16.3
-28.75°	32.6	30.4	28.2	26.4	24.8	23.0	21.0	19.2	18.2	17.2	16.2
-30°	31.9	29.8	27.6	26.0	24.3	22.5	20.6	19.0	18.0	17.0	16.0
-31.25°	31.2	29.1	27.2	25.5	23.9	22.1	20.2	18.7	17.8	16.8	15.8
-32.5°	30.5	28.5	26.7	25.1	23.4	21.6	19.7	18.5	17.6	16.6	15.7
-33.75°	29.8	27.8	26.2	24.6	22.9	21.1	19.3	18.3	17.4	16.4	15.5
-35°	29.0	27.2	25.6	24.1	22.4	20.6	19.0	18.1	17.1	16.2	15.3
-36.25°	28.3	26.6	25.1	23.6	21.8	20.1	18.7	17.8	16.9	16.0	15.1
-37.5°	27.5	26.0	24.5	23.0	21.2	19.5	18.5	17.6	16.7	15.8	14.9
-38.75°	26.9	25.4	24.0	22.3	20.7	19.1	18.2	17.3	16.5	15.6	14.7
-40°	26.2	24.8	23.3	21.7	20.0	18.8	17.9	17.1	16.2	15.4	14.5
-41.25°	25.6	24.2	22.7	21.0	19.4	18.5	17.6	16.8	16.0	15.1	14.3
-42.5°	24.9	23.5	22.0	20.4	19.0	18.2	17.4	16.5	15.7	14.9	14.1
-43.75°	24.2	22.8	21.2	19.7	18.7	17.9	17.1	16.3	15.5	14.6	13.9
-45°	23.5	22.0	20.5	19.1	18.3	17.5	16.8	16.0	15.2	14.4	13.6
-46.25°	22.7	21.2	19.8	18.7	18.0	17.2	16.5	15.7	14.9	14.2	13.4
-47.5°	21.8	20.4	19.1	18.4	17.6	16.9	16.1	15.4	14.6	13.9	13.2
-48.75°	21.0	19.6	18.7	18.0	17.3	16.5	15.8	15.1	14.4	13.7	13.0
-50°	20.1	19.0	18.3	17.6	16.9	16.2	15.5	14.8	14.1	13.4	12.7
-51.25°	19.2	18.6	17.9	17.2	16.5	15.9	15.2	14.5	13.8	13.1	12.5
-52.5°	18.8	18.1	17.5	16.8	16.2	15.5	14.8	14.2	13.5	12.9	12.2
-53.75°	18.3	17.7	17.0	16.4	15.8	15.1	14.5	13.9	13.2	12.6	11.9
-55°	17.8	17.2	16.6	16.0	15.4	14.8	14.2	13.6	12.9	12.3	11.5
-56.25°	17.4	16.8	16.2	15.6	15.0	14.4	13.8	13.2	12.7	12.0	11.2
-57.5°	16.9	16.3	15.7	15.2	14.6	14.0	13.5	12.9	12.3	11.6	10.9
-58.75°	16.4	15.9	15.3	14.8	14.2	13.7	13.1	12.6	12.0	11.3	10.5
-60°	15.9	15.4	14.9	14.3	13.8	13.3	12.8	12.2	11.6	10.9	10.2
-61.25°	15.4	14.9	14.4	13.9	13.4	12.9	12.4	11.8	11.2	10.5	9.9
-62.5°	14.9	14.4	14.0	13.5	13.0	12.6	12.0	11.4	10.8	10.1	9.5
-63.75°	14.4	14.0	13.5	13.1	12.6	12.1	11.5	10.9	10.4	9.8	9.1
-65°	13.9	13.5	13.1	12.7	12.2	11.6	11.1	10.5	9.9	9.3	8.6
-66.25°	13.4	13.0	12.6	12.2	11.7	11.1	10.6	10.1	9.5	8.9	8.2
-67.5°	12.9	12.6	12.1	11.6	11.1	10.6	10.1	9.6	9.0	8.4	7.8
-68.75°	12.4	12.0	11.5	11.1	10.6	10.1	9.7	9.1	8.5	7.9	7.3
-70°	11.8	11.4	10.9	10.5	10.1	9.6	9.1	8.5	8.0	7.4	6.9
-71.25°	11.2	10.8	10.4	9.9	9.5	9.0	8.5	8.0	7.5	6.9	6.4
-72.5°	10.5	10.1	9.8	9.3	8.9	8.4	7.9	7.4	6.9	6.5	6.0
-73.75°	9.9	9.5	9.1	8.6	8.2	7.8	7.3	6.9	6.4	6.0	5.5
-75°	9.1	8.7	8.3	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.0
-76.25°	8.3	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.4	5.0	4.6
-77.5°	7.5	7.2	6.9	6.5	6.2	5.9	5.5	5.2	4.8	4.5	4.1



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7
-80°	5.9	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.8	3.5	3.2
-81.25°	5.1	4.9	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0	2.7
-82.5°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3
-83.75°	3.5	3.3	3.2	3.0	2.8	2.7	2.5	2.4	2.2	2.1	2.0
-85°	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.6
-86.25°	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.2
-87.5°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8
-88.75°	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
86.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
85°	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
83.75°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
82.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
81.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
80°	2.9	2.6	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
78.75°	3.3	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
77.5°	3.8	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
76.25°	4.2	3.8	3.4	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
75°	4.6	4.2	3.8	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.7
73.75°	5.0	4.6	4.1	3.7	3.2	2.7	2.3	2.0	1.6	1.2	0.8
72.5°	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.1	1.7	1.3	0.8
71.25°	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.2	1.8	1.3	0.9
70°	6.3	5.7	5.2	4.6	4.0	3.5	2.9	2.4	1.9	1.4	1.0
68.75°	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.5	2.0	1.5	1.0
67.5°	7.1	6.5	5.9	5.2	4.6	3.9	3.3	2.7	2.1	1.6	1.1
66.25°	7.5	6.9	6.2	5.5	4.9	4.2	3.5	2.8	2.3	1.7	1.1
65°	7.9	7.2	6.5	5.8	5.1	4.4	3.7	3.0	2.4	1.8	1.2
63.75°	8.3	7.6	6.9	6.1	5.4	4.6	3.9	3.2	2.5	1.9	1.2
62.5°	8.7	8.0	7.2	6.4	5.7	4.9	4.1	3.3	2.6	1.9	1.3
61.25°	9.1	8.3	7.5	6.7	5.9	5.1	4.3	3.5	2.7	2.0	1.3
60°	9.5	8.7	7.8	7.0	6.2	5.3	4.5	3.6	2.8	2.1	1.4
58.75°	9.8	9.0	8.2	7.3	6.4	5.6	4.7	3.8	2.9	2.2	1.5
57.5°	10.2	9.4	8.5	7.6	6.7	5.8	4.9	4.0	3.1	2.3	1.5
56.25°	10.5	9.7	8.8	7.9	6.9	6.0	5.1	4.1	3.2	2.3	1.6
55°	10.8	10.0	9.1	8.1	7.2	6.2	5.2	4.3	3.3	2.4	1.6
53.75°	11.1	10.2	9.4	8.4	7.4	6.4	5.4	4.4	3.4	2.5	1.7
52.5°	11.4	10.5	9.7	8.7	7.7	6.6	5.6	4.6	3.5	2.6	1.7
51.25°	11.6	10.8	9.9	8.9	7.9	6.8	5.8	4.7	3.7	2.6	1.8
50°	11.9	11.0	10.2	9.2	8.1	7.0	5.9	4.9	3.8	2.7	1.8
48.75°	12.2	11.3	10.4	9.5	8.3	7.2	6.1	5.0	3.9	2.8	1.8
47.5°	12.5	11.5	10.6	9.7	8.6	7.4	6.3	5.1	4.0	2.8	1.9
46.25°	12.7	11.8	10.8	9.9	8.8	7.6	6.4	5.3	4.1	2.9	1.9
45°	12.9	12.0	11.1	10.1	9.0	7.8	6.6	5.4	4.2	3.0	2.0
43.75°	13.1	12.3	11.3	10.3	9.2	8.0	6.8	5.5	4.3	3.1	2.0
42.5°	13.3	12.5	11.5	10.5	9.4	8.2	6.9	5.7	4.4	3.2	2.1
41.25°	13.5	12.7	11.7	10.6	9.6	8.3	7.1	5.8	4.5	3.2	2.1
40°	13.7	12.8	11.9	10.8	9.8	8.5	7.2	5.9	4.6	3.3	2.1
38.75°	13.8	13.0	12.1	11.0	9.9	8.7	7.3	6.0	4.7	3.4	2.2
37.5°	14.0	13.2	12.3	11.2	10.1	8.8	7.5	6.1	4.8	3.4	2.2
36.25°	14.2	13.3	12.4	11.3	10.2	9.0	7.6	6.3	4.9	3.5	2.3
35°	14.4	13.5	12.6	11.5	10.4	9.1	7.7	6.4	5.0	3.6	2.3



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	14.5	13.6	12.7	11.7	10.5	9.3	7.9	6.5	5.1	3.6	2.3
32.5°	14.7	13.8	12.9	11.8	10.6	9.4	8.0	6.6	5.1	3.7	2.4
31.25°	14.9	13.9	13.0	12.0	10.8	9.6	8.1	6.7	5.2	3.8	2.4
30°	15.0	14.1	13.1	12.1	10.9	9.7	8.2	6.8	5.3	3.8	2.4
28.75°	15.2	14.2	13.2	12.2	11.0	9.8	8.3	6.8	5.4	3.9	2.5
27.5°	15.3	14.3	13.3	12.4	11.1	9.9	8.4	6.9	5.4	3.9	2.5
26.25°	15.4	14.4	13.5	12.5	11.2	10.0	8.5	7.0	5.5	4.0	2.5
25°	15.6	14.5	13.6	12.6	11.3	10.1	8.6	7.1	5.6	4.0	2.5
23.75°	15.7	14.7	13.7	12.7	11.4	10.2	8.7	7.2	5.6	4.1	2.6
22.5°	15.8	14.8	13.8	12.7	11.5	10.2	8.8	7.3	5.7	4.1	2.6
21.25°	15.9	14.9	13.8	12.8	11.6	10.3	8.9	7.3	5.7	4.2	2.6
20°	16.1	15.0	13.9	12.9	11.7	10.4	9.0	7.4	5.8	4.2	2.6
18.75°	16.2	15.1	14.0	13.0	11.8	10.5	9.1	7.4	5.8	4.2	2.7
17.5°	16.2	15.2	14.1	13.0	11.9	10.5	9.1	7.5	5.9	4.3	2.7
16.25°	16.3	15.2	14.2	13.1	11.9	10.6	9.2	7.6	5.9	4.3	2.7
15°	16.4	15.3	14.2	13.2	12.0	10.7	9.3	7.6	6.0	4.3	2.7
13.75°	16.5	15.4	14.3	13.2	12.1	10.7	9.3	7.7	6.0	4.4	2.7
12.5°	16.6	15.4	14.3	13.3	12.1	10.8	9.4	7.7	6.0	4.4	2.7
11.25°	16.6	15.5	14.4	13.3	12.2	10.8	9.4	7.7	6.1	4.4	2.7
10°	16.7	15.6	14.4	13.3	12.2	10.8	9.4	7.8	6.1	4.4	2.8
8.75°	16.7	15.6	14.5	13.4	12.3	10.9	9.5	7.8	6.1	4.4	2.8
7.5°	16.8	15.6	14.5	13.4	12.3	10.9	9.5	7.8	6.1	4.5	2.8
6.25°	16.8	15.7	14.5	13.4	12.3	10.9	9.5	7.8	6.2	4.5	2.8
5°	16.8	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
3.75°	16.9	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
2.5°	16.9	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
1.25°	16.9	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
0°	16.9	15.8	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
-1.25°	16.9	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
-2.5°	16.9	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
-3.75°	16.9	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
-5°	16.8	15.7	14.6	13.5	12.4	11.0	9.6	7.9	6.2	4.5	2.8
-6.25°	16.8	15.7	14.5	13.4	12.3	10.9	9.5	7.8	6.2	4.5	2.8
-7.5°	16.8	15.6	14.5	13.4	12.3	10.9	9.5	7.8	6.1	4.5	2.8
-8.75°	16.7	15.6	14.5	13.4	12.3	10.9	9.5	7.8	6.1	4.4	2.8
-10°	16.7	15.6	14.4	13.3	12.2	10.8	9.4	7.8	6.1	4.4	2.8
-11.25°	16.6	15.5	14.4	13.3	12.2	10.8	9.4	7.7	6.1	4.4	2.7
-12.5°	16.6	15.4	14.3	13.3	12.1	10.8	9.4	7.7	6.0	4.4	2.7
-13.75°	16.5	15.4	14.3	13.2	12.1	10.7	9.3	7.7	6.0	4.4	2.7
-15°	16.4	15.3	14.2	13.2	12.0	10.7	9.3	7.6	6.0	4.3	2.7
-16.25°	16.3	15.2	14.2	13.1	11.9	10.6	9.2	7.6	5.9	4.3	2.7
-17.5°	16.2	15.2	14.1	13.0	11.9	10.5	9.1	7.5	5.9	4.3	2.7
-18.75°	16.2	15.1	14.0	13.0	11.8	10.5	9.1	7.4	5.8	4.2	2.7
-20°	16.1	15.0	13.9	12.9	11.7	10.4	9.0	7.4	5.8	4.2	2.6
-21.25°	15.9	14.9	13.8	12.8	11.6	10.3	8.9	7.3	5.7	4.2	2.6





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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	15.8	14.8	13.8	12.7	11.5	10.2	8.8	7.3	5.7	4.1	2.6
-23.75°	15.7	14.7	13.7	12.7	11.4	10.2	8.7	7.2	5.6	4.1	2.6
-25°	15.6	14.5	13.6	12.6	11.3	10.1	8.6	7.1	5.6	4.0	2.5
-26.25°	15.4	14.4	13.5	12.5	11.2	10.0	8.5	7.0	5.5	4.0	2.5
-27.5°	15.3	14.3	13.3	12.4	11.1	9.9	8.4	6.9	5.4	3.9	2.5
-28.75°	15.2	14.2	13.2	12.2	11.0	9.8	8.3	6.8	5.4	3.9	2.5
-30°	15.0	14.1	13.1	12.1	10.9	9.7	8.2	6.8	5.3	3.8	2.4
-31.25°	14.9	13.9	13.0	12.0	10.8	9.6	8.1	6.7	5.2	3.8	2.4
-32.5°	14.7	13.8	12.9	11.8	10.6	9.4	8.0	6.6	5.1	3.7	2.4
-33.75°	14.5	13.6	12.7	11.7	10.5	9.3	7.9	6.5	5.1	3.6	2.3
-35°	14.4	13.5	12.6	11.5	10.4	9.1	7.7	6.4	5.0	3.6	2.3
-36.25°	14.2	13.3	12.4	11.3	10.2	9.0	7.6	6.3	4.9	3.5	2.3
-37.5°	14.0	13.2	12.3	11.2	10.1	8.8	7.5	6.1	4.8	3.4	2.2
-38.75°	13.8	13.0	12.1	11.0	9.9	8.7	7.3	6.0	4.7	3.4	2.2
-40°	13.7	12.8	11.9	10.8	9.8	8.5	7.2	5.9	4.6	3.3	2.1
-41.25°	13.5	12.7	11.7	10.6	9.6	8.3	7.1	5.8	4.5	3.2	2.1
-42.5°	13.3	12.5	11.5	10.5	9.4	8.2	6.9	5.7	4.4	3.2	2.1
-43.75°	13.1	12.3	11.3	10.3	9.2	8.0	6.8	5.5	4.3	3.1	2.0
-45°	12.9	12.0	11.1	10.1	9.0	7.8	6.6	5.4	4.2	3.0	2.0
-46.25°	12.7	11.8	10.8	9.9	8.8	7.6	6.4	5.3	4.1	2.9	1.9
-47.5°	12.5	11.5	10.6	9.7	8.6	7.4	6.3	5.1	4.0	2.8	1.9
-48.75°	12.2	11.3	10.4	9.5	8.3	7.2	6.1	5.0	3.9	2.8	1.8
-50°	11.9	11.0	10.2	9.2	8.1	7.0	5.9	4.9	3.8	2.7	1.8
-51.25°	11.6	10.8	9.9	8.9	7.9	6.8	5.8	4.7	3.7	2.6	1.8
-52.5°	11.4	10.5	9.7	8.7	7.7	6.6	5.6	4.6	3.5	2.6	1.7
-53.75°	11.1	10.2	9.4	8.4	7.4	6.4	5.4	4.4	3.4	2.5	1.7
-55°	10.8	10.0	9.1	8.1	7.2	6.2	5.2	4.3	3.3	2.4	1.6
-56.25°	10.5	9.7	8.8	7.9	6.9	6.0	5.1	4.1	3.2	2.3	1.6
-57.5°	10.2	9.4	8.5	7.6	6.7	5.8	4.9	4.0	3.1	2.3	1.5
-58.75°	9.8	9.0	8.2	7.3	6.4	5.6	4.7	3.8	2.9	2.2	1.5
-60°	9.5	8.7	7.8	7.0	6.2	5.3	4.5	3.6	2.8	2.1	1.4
-61.25°	9.1	8.3	7.5	6.7	5.9	5.1	4.3	3.5	2.7	2.0	1.3
-62.5°	8.7	8.0	7.2	6.4	5.7	4.9	4.1	3.3	2.6	1.9	1.3
-63.75°	8.3	7.6	6.9	6.1	5.4	4.6	3.9	3.2	2.5	1.9	1.2
-65°	7.9	7.2	6.5	5.8	5.1	4.4	3.7	3.0	2.4	1.8	1.2
-66.25°	7.5	6.9	6.2	5.5	4.9	4.2	3.5	2.8	2.3	1.7	1.1
-67.5°	7.1	6.5	5.9	5.2	4.6	3.9	3.3	2.7	2.1	1.6	1.1
-68.75°	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.5	2.0	1.5	1.0
-70°	6.3	5.7	5.2	4.6	4.0	3.5	2.9	2.4	1.9	1.4	1.0
-71.25°	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.2	1.8	1.3	0.9
-72.5°	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.1	1.7	1.3	0.8
-73.75°	5.0	4.6	4.1	3.7	3.2	2.7	2.3	2.0	1.6	1.2	0.8
-75°	4.6	4.2	3.8	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.7
-76.25°	4.2	3.8	3.4	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
-77.5°	3.8	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	3.3	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.5
-80°	2.9	2.6	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
-81.25°	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.4
-82.5°	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7	0.5	0.4
-83.75°	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
-85°	1.4	1.3	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.2
-86.25°	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.2
-87.5°	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1
-88.75°	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.1	0.0
83.75°	0.2	0.0
82.5°	0.2	0.0
81.25°	0.2	0.0
80°	0.2	0.0
78.75°	0.3	0.0
77.5°	0.3	0.0
76.25°	0.3	0.0
75°	0.4	0.0
73.75°	0.4	0.0
72.5°	0.4	0.0
71.25°	0.4	0.0
70°	0.5	0.0
68.75°	0.5	0.0
67.5°	0.5	0.0
66.25°	0.6	0.0
65°	0.6	0.0
63.75°	0.6	0.0
62.5°	0.6	0.0
61.25°	0.7	0.0
60°	0.7	0.0
58.75°	0.7	0.0
57.5°	0.8	0.0
56.25°	0.8	0.0
55°	0.8	0.0
53.75°	0.8	0.0
52.5°	0.9	0.0
51.25°	0.9	0.0
50°	0.9	0.0
48.75°	0.9	0.0
47.5°	0.9	0.0
46.25°	1.0	0.0
45°	1.0	0.0
43.75°	1.0	0.0
42.5°	1.0	0.0
41.25°	1.1	0.0
40°	1.1	0.0
38.75°	1.1	0.0
37.5°	1.1	0.0
36.25°	1.1	0.0
35°	1.1	0.0



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

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	1.2	0.0
32.5°	1.2	0.0
31.25°	1.2	0.0
30°	1.2	0.0
28.75°	1.2	0.0
27.5°	1.2	0.0
26.25°	1.3	0.0
25°	1.3	0.0
23.75°	1.3	0.0
22.5°	1.3	0.0
21.25°	1.3	0.0
20°	1.3	0.0
18.75°	1.3	0.0
17.5°	1.3	0.0
16.25°	1.3	0.0
15°	1.4	0.0
13.75°	1.4	0.0
12.5°	1.4	0.0
11.25°	1.4	0.0
10°	1.4	0.0
8.75°	1.4	0.0
7.5°	1.4	0.0
6.25°	1.4	0.0
5°	1.4	0.0
3.75°	1.4	0.0
2.5°	1.4	0.0
1.25°	1.4	0.0
0°	1.4	0.0
-1.25°	1.4	0.0
-2.5°	1.4	0.0
-3.75°	1.4	0.0
-5°	1.4	0.0
-6.25°	1.4	0.0
-7.5°	1.4	0.0
-8.75°	1.4	0.0
-10°	1.4	0.0
-11.25°	1.4	0.0
-12.5°	1.4	0.0
-13.75°	1.4	0.0
-15°	1.4	0.0
-16.25°	1.3	0.0
-17.5°	1.3	0.0
-18.75°	1.3	0.0
-20°	1.3	0.0
-21.25°	1.3	0.0



REPORT NUMBER: P220488 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	1.3	0.0
-23.75°	1.3	0.0
-25°	1.3	0.0
-26.25°	1.3	0.0
-27.5°	1.2	0.0
-28.75°	1.2	0.0
-30°	1.2	0.0
-31.25°	1.2	0.0
-32.5°	1.2	0.0
-33.75°	1.2	0.0
-35°	1.1	0.0
-36.25°	1.1	0.0
-37.5°	1.1	0.0
-38.75°	1.1	0.0
-40°	1.1	0.0
-41.25°	1.1	0.0
-42.5°	1.0	0.0
-43.75°	1.0	0.0
-45°	1.0	0.0
-46.25°	1.0	0.0
-47.5°	0.9	0.0
-48.75°	0.9	0.0
-50°	0.9	0.0
-51.25°	0.9	0.0
-52.5°	0.9	0.0
-53.75°	0.8	0.0
-55°	0.8	0.0
-56.25°	0.8	0.0
-57.5°	0.8	0.0
-58.75°	0.7	0.0
-60°	0.7	0.0
-61.25°	0.7	0.0
-62.5°	0.6	0.0
-63.75°	0.6	0.0
-65°	0.6	0.0
-66.25°	0.6	0.0
-67.5°	0.5	0.0
-68.75°	0.5	0.0
-70°	0.5	0.0
-71.25°	0.4	0.0
-72.5°	0.4	0.0
-73.75°	0.4	0.0
-75°	0.4	0.0
-76.25°	0.3	0.0
-77.5°	0.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0.3	0.0
-80°	0.2	0.0
-81.25°	0.2	0.0
-82.5°	0.2	0.0
-83.75°	0.2	0.0
-85°	0.1	0.0
-86.25°	0.1	0.0
-87.5°	0.1	0.0
-88.75°	0.0	0.0
-90°	0.0	0.0

(END OF REPORT)