

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: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

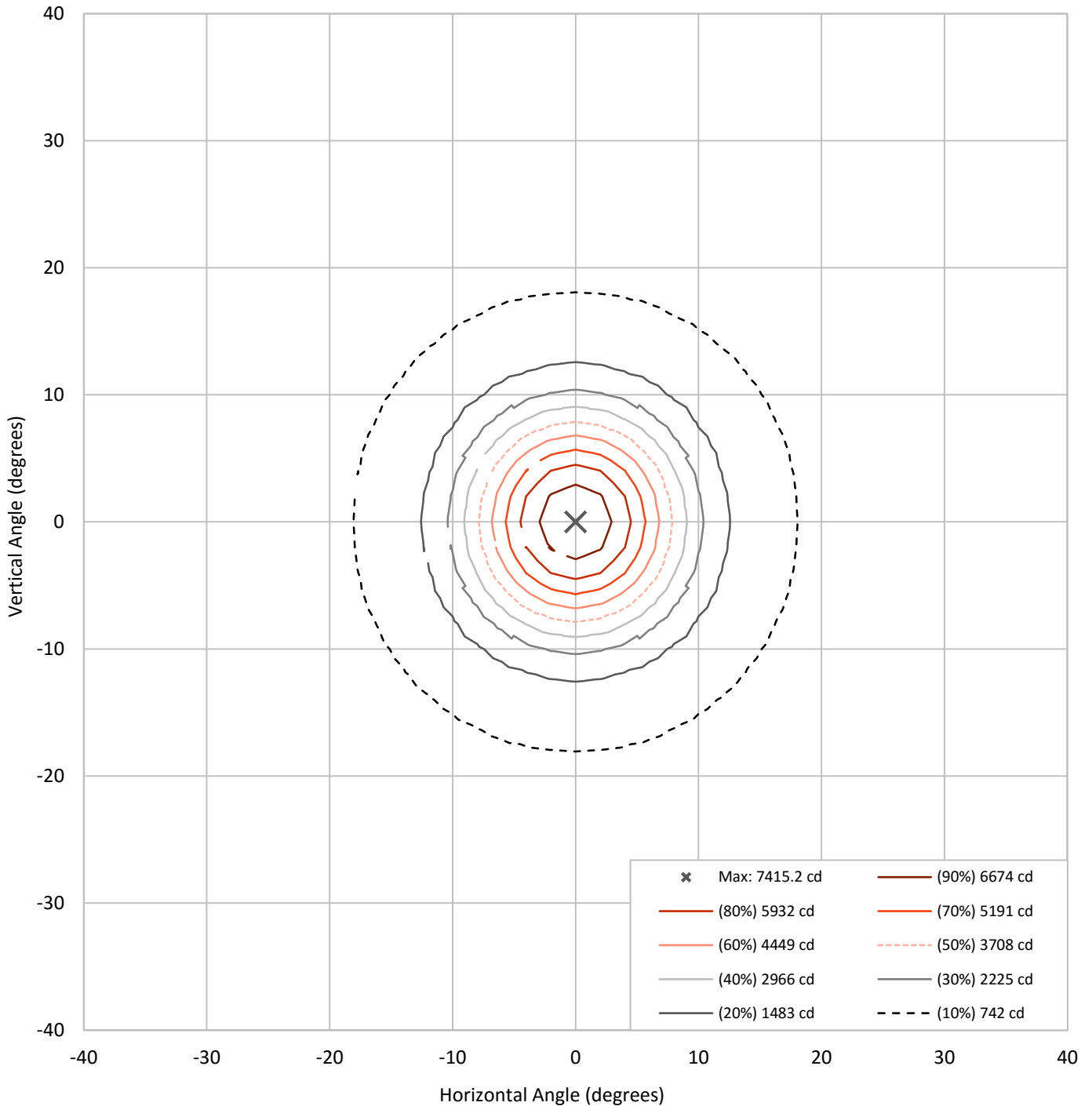
Test Method: LM-79-08  
Report Number: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT  
OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1011.3 lumens	Max Intensity:	7415.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.8°H x 15.8°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	308.6 lumens	Field Lumens:	680.9 lumens
Beam Efficiency:	30.5%	Field Efficiency:	67.3%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





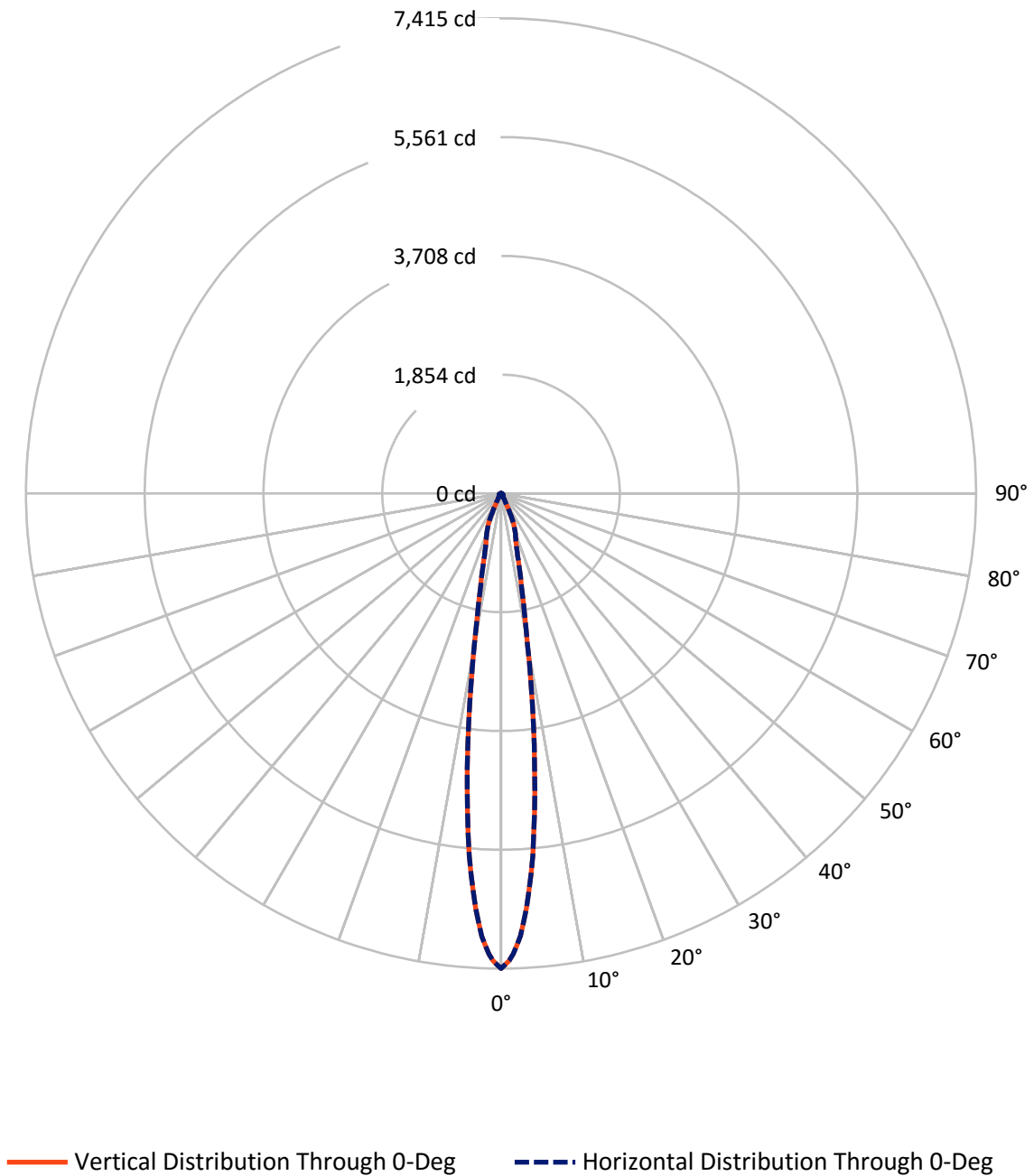
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### Lumen Table

90	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
80	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
70	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1	0.1			
60		0.1	0.3	0.5	0.8	0.9	1.1	1.1	1.1	1.1	0.9	0.8	0.5	0.3	0.1				
50	0.2	0.2	0.4	0.7	0.9	1.1	1.2	1.2	1.2	1.2	1.1	0.9	0.7	0.4	0.2	0.2			
40		0.2	0.5	0.8	1.0	1.2	1.4	1.6	1.6	1.4	1.2	1.0	0.8	0.5	0.2				
30	0.2	0.3	0.6	0.8	1.1	1.5	3.8	8.6	8.6	3.8	1.5	1.1	0.8	0.6	0.3	0.2			
20		0.3	0.6	0.9	1.2	3.5	16.5	30.5	30.5	16.5	3.5	1.2	0.9	0.6	0.3				
10	0.2	0.3	0.6	0.9	1.3	7.9	29.7	118.6	118.6	29.7	7.9	1.3	0.9	0.6	0.3	0.2			
0		0.3	0.6	0.9	1.3	7.9	29.7	118.6	118.6	29.7	7.9	1.3	0.9	0.6	0.3				
-10	0.2	0.3	0.6	0.9	1.2	3.5	16.5	30.5	30.5	16.5	3.5	1.2	0.9	0.6	0.3	0.2			
-20		0.3	0.6	0.8	1.1	1.5	3.8	8.6	8.6	3.8	1.5	1.1	0.8	0.6	0.3				
-30	0.2	0.2	0.5	0.8	1.0	1.2	1.4	1.6	1.6	1.4	1.2	1.0	0.8	0.5	0.2	0.2			
-40		0.2	0.4	0.7	0.9	1.1	1.2	1.2	1.2	1.2	1.1	0.9	0.7	0.4	0.2				
-50	0.1	0.1	0.3	0.5	0.8	0.9	1.1	1.1	1.1	1.1	0.9	0.8	0.5	0.3	0.1	0.1			
-60		0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1				
-70	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0							0.0			
-80		0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0										
-90	0.0	0.3	0.6	0.9	1.0	0.9	0.6	0.3	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

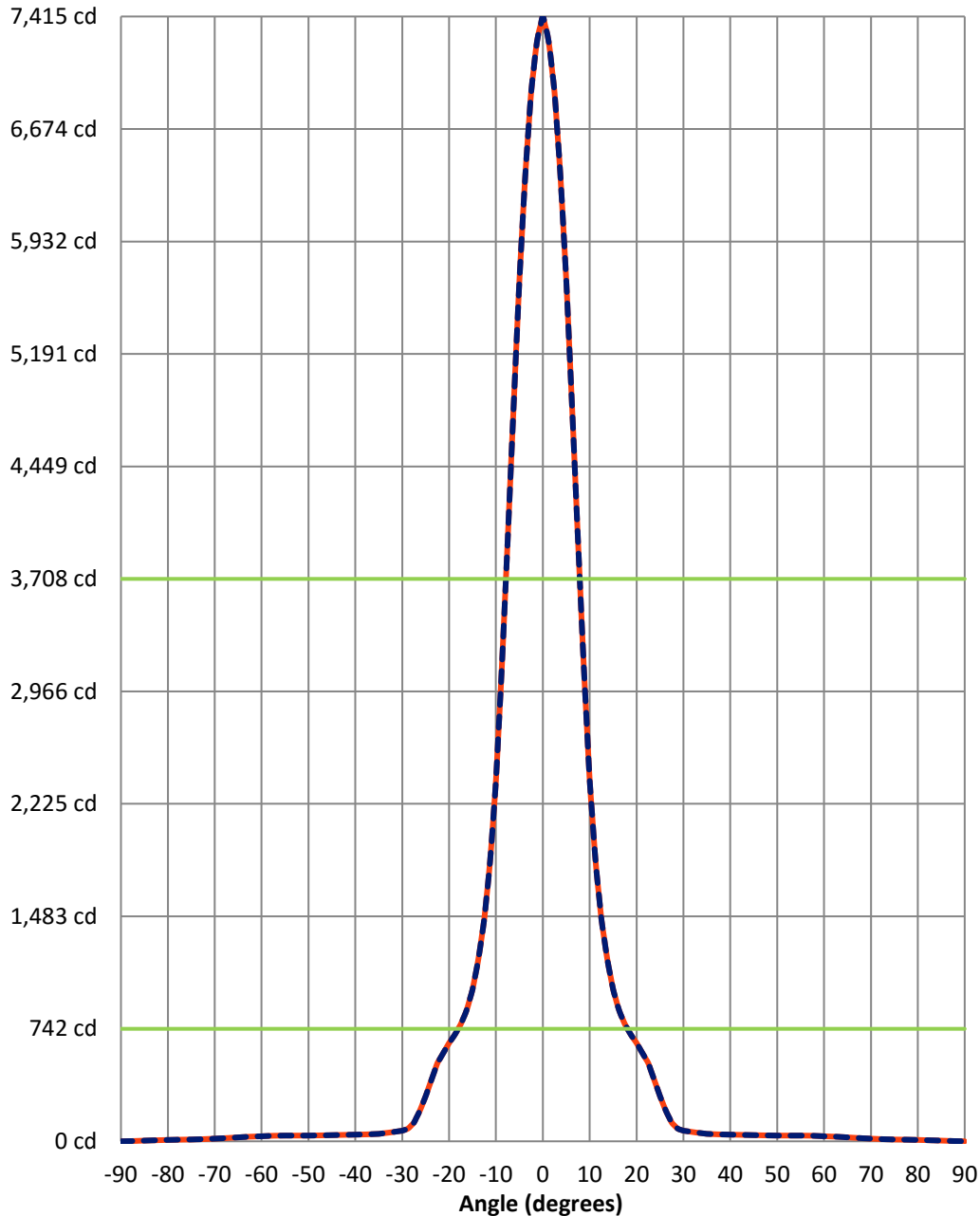
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 15.8°  
 V Angle: 15.8°  
 Lumens: 308.6  
 Efficiency: 30.5%

**Field:**  
 H Angle: 36.1°  
 V Angle: 36.1°  
 Lumens: 680.9  
 Efficiency: 67.3%

**Spill:**  
 Lumens: 330.4  
 Efficiency: 32.7%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

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



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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°
33.75°	0.0	0.7	1.4	2.4	3.6	4.7	5.6	6.6	7.5	8.4	9.2
32.5°	0.0	0.7	1.4	2.4	3.6	4.7	5.7	6.7	7.6	8.5	9.4
31.25°	0.0	0.7	1.5	2.5	3.7	4.8	5.8	6.8	7.7	8.6	9.5
30°	0.0	0.7	1.5	2.5	3.7	4.9	5.9	6.9	7.8	8.8	9.5
28.75°	0.0	0.7	1.5	2.6	3.8	4.9	5.9	6.9	7.9	8.9	9.6
27.5°	0.0	0.8	1.5	2.6	3.9	5.0	6.0	7.0	8.0	9.0	9.7
26.25°	0.0	0.8	1.5	2.7	3.9	5.1	6.1	7.1	8.1	9.1	9.8
25°	0.0	0.8	1.5	2.7	4.0	5.1	6.2	7.2	8.2	9.1	9.9
23.75°	0.0	0.8	1.6	2.7	4.0	5.2	6.2	7.2	8.2	9.2	10.0
22.5°	0.0	0.8	1.6	2.8	4.1	5.2	6.3	7.3	8.3	9.3	10.0
21.25°	0.0	0.8	1.6	2.8	4.1	5.3	6.3	7.4	8.4	9.3	10.1
20°	0.0	0.8	1.6	2.8	4.2	5.3	6.4	7.4	8.5	9.4	10.2
18.75°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.5	9.4	10.2
17.5°	0.0	0.8	1.6	2.9	4.2	5.4	6.5	7.5	8.6	9.5	10.3
16.25°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.6	9.5	10.4
15°	0.0	0.8	1.6	3.0	4.3	5.5	6.6	7.6	8.7	9.6	10.4
13.75°	0.0	0.8	1.7	3.0	4.3	5.5	6.6	7.7	8.7	9.6	10.5
12.5°	0.0	0.8	1.7	3.0	4.4	5.5	6.6	7.7	8.8	9.7	10.5
11.25°	0.0	0.8	1.7	3.0	4.4	5.5	6.7	7.8	8.8	9.7	10.5
10°	0.0	0.8	1.7	3.0	4.4	5.6	6.7	7.8	8.9	9.7	10.6
8.75°	0.0	0.8	1.7	3.1	4.4	5.6	6.7	7.8	8.9	9.8	10.6
7.5°	0.0	0.8	1.7	3.1	4.5	5.6	6.7	7.8	8.9	9.8	10.6
6.25°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	8.9	9.8	10.6
5°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
3.75°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
2.5°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
1.25°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
0°	0.0	0.8	1.7	3.1	4.5	5.7	6.8	7.9	9.0	9.9	10.7
-1.25°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
-2.5°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
-3.75°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
-5°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	9.0	9.8	10.7
-6.25°	0.0	0.8	1.7	3.1	4.5	5.6	6.8	7.9	8.9	9.8	10.6
-7.5°	0.0	0.8	1.7	3.1	4.5	5.6	6.7	7.8	8.9	9.8	10.6
-8.75°	0.0	0.8	1.7	3.1	4.4	5.6	6.7	7.8	8.9	9.8	10.6
-10°	0.0	0.8	1.7	3.0	4.4	5.6	6.7	7.8	8.9	9.7	10.6
-11.25°	0.0	0.8	1.7	3.0	4.4	5.5	6.7	7.8	8.8	9.7	10.5
-12.5°	0.0	0.8	1.7	3.0	4.4	5.5	6.6	7.7	8.8	9.7	10.5
-13.75°	0.0	0.8	1.7	3.0	4.3	5.5	6.6	7.7	8.7	9.6	10.5
-15°	0.0	0.8	1.6	3.0	4.3	5.5	6.6	7.6	8.7	9.6	10.4
-16.25°	0.0	0.8	1.6	2.9	4.3	5.4	6.5	7.6	8.6	9.5	10.4
-17.5°	0.0	0.8	1.6	2.9	4.2	5.4	6.5	7.5	8.6	9.5	10.3
-18.75°	0.0	0.8	1.6	2.9	4.2	5.3	6.4	7.5	8.5	9.4	10.2
-20°	0.0	0.8	1.6	2.8	4.2	5.3	6.4	7.4	8.5	9.4	10.2
-21.25°	0.0	0.8	1.6	2.8	4.1	5.3	6.3	7.4	8.4	9.3	10.1





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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°
-22.5°	0.0	0.8	1.6	2.8	4.1	5.2	6.3	7.3	8.3	9.3	10.0
-23.75°	0.0	0.8	1.6	2.7	4.0	5.2	6.2	7.2	8.2	9.2	10.0
-25°	0.0	0.8	1.5	2.7	4.0	5.1	6.2	7.2	8.2	9.1	9.9
-26.25°	0.0	0.8	1.5	2.7	3.9	5.1	6.1	7.1	8.1	9.1	9.8
-27.5°	0.0	0.8	1.5	2.6	3.9	5.0	6.0	7.0	8.0	9.0	9.7
-28.75°	0.0	0.7	1.5	2.6	3.8	4.9	5.9	6.9	7.9	8.9	9.6
-30°	0.0	0.7	1.5	2.5	3.7	4.9	5.9	6.9	7.8	8.8	9.5
-31.25°	0.0	0.7	1.5	2.5	3.7	4.8	5.8	6.8	7.7	8.6	9.5
-32.5°	0.0	0.7	1.4	2.4	3.6	4.7	5.7	6.7	7.6	8.5	9.4
-33.75°	0.0	0.7	1.4	2.4	3.6	4.7	5.6	6.6	7.5	8.4	9.2
-35°	0.0	0.7	1.4	2.3	3.5	4.6	5.5	6.5	7.4	8.3	9.1
-36.25°	0.0	0.7	1.4	2.3	3.4	4.5	5.5	6.4	7.3	8.2	9.0
-37.5°	0.0	0.7	1.3	2.2	3.3	4.4	5.4	6.3	7.2	8.0	8.9
-38.75°	0.0	0.7	1.3	2.2	3.3	4.4	5.3	6.2	7.0	7.9	8.8
-40°	0.0	0.7	1.3	2.1	3.2	4.3	5.2	6.1	6.9	7.8	8.6
-41.25°	0.0	0.6	1.3	2.1	3.1	4.2	5.1	5.9	6.8	7.6	8.4
-42.5°	0.0	0.6	1.3	2.0	3.0	4.1	5.0	5.8	6.7	7.5	8.3
-43.75°	0.0	0.6	1.2	1.9	2.9	4.0	4.9	5.7	6.5	7.3	8.1
-45°	0.0	0.6	1.2	1.9	2.9	3.8	4.8	5.6	6.4	7.2	7.9
-46.25°	0.0	0.6	1.2	1.8	2.8	3.7	4.7	5.5	6.2	7.0	7.8
-47.5°	0.0	0.6	1.1	1.7	2.7	3.6	4.6	5.3	6.1	6.9	7.6
-48.75°	0.0	0.6	1.1	1.7	2.6	3.5	4.4	5.2	5.9	6.7	7.4
-50°	0.0	0.5	1.1	1.6	2.5	3.4	4.3	5.1	5.8	6.5	7.2
-51.25°	0.0	0.5	1.1	1.6	2.4	3.3	4.1	4.9	5.6	6.4	7.1
-52.5°	0.0	0.5	1.0	1.6	2.3	3.2	4.0	4.8	5.5	6.2	6.9
-53.75°	0.0	0.5	1.0	1.5	2.2	3.0	3.9	4.6	5.3	6.0	6.7
-55°	0.0	0.5	1.0	1.5	2.1	2.9	3.7	4.5	5.2	5.8	6.5
-56.25°	0.0	0.5	0.9	1.4	2.0	2.8	3.6	4.3	5.0	5.6	6.3
-57.5°	0.0	0.5	0.9	1.4	1.9	2.7	3.4	4.2	4.8	5.4	6.0
-58.75°	0.0	0.4	0.9	1.3	1.8	2.5	3.2	4.0	4.7	5.2	5.8
-60°	0.0	0.4	0.8	1.3	1.7	2.4	3.1	3.8	4.5	5.1	5.6
-61.25°	0.0	0.4	0.8	1.2	1.6	2.3	2.9	3.6	4.3	4.9	5.4
-62.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.8	3.4	4.1	4.7	5.2
-63.75°	0.0	0.4	0.8	1.1	1.5	2.0	2.6	3.2	3.8	4.4	5.0
-65°	0.0	0.4	0.7	1.1	1.4	1.9	2.4	3.0	3.6	4.2	4.7
-66.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.3	2.8	3.4	3.9	4.5
-67.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.1	2.6	3.2	3.7	4.2
-68.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.4	2.9	3.4	3.9
-70°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.7	3.2	3.7
-71.25°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	2.0	2.5	2.9	3.4
-72.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.3	2.7	3.1
-73.75°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	2.0	2.4	2.8
-75°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.1	2.5
-76.25°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.2
-77.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.9



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.6
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.5
-81.25°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2	1.3
-82.5°	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1
-83.75°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9
-85°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.7
-86.25°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
-88.75°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.9	2.0
82.5°	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.6
81.25°	1.4	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2
80°	1.6	1.8	2.0	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8
78.75°	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.4
77.5°	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.7	5.0
76.25°	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5
75°	2.9	3.2	3.6	3.9	4.2	4.6	4.9	5.1	5.4	5.7	5.9
73.75°	3.2	3.6	3.9	4.3	4.6	5.0	5.3	5.6	5.9	6.1	6.4
72.5°	3.5	3.9	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.6	6.9
71.25°	3.8	4.2	4.6	5.0	5.4	5.7	6.1	6.4	6.7	7.1	7.4
70°	4.1	4.6	5.0	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.9
68.75°	4.4	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.6	8.0	8.3
67.5°	4.7	5.1	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8
66.25°	5.0	5.4	5.9	6.3	6.7	7.2	7.6	8.0	8.4	8.8	9.2
65°	5.2	5.7	6.1	6.6	7.1	7.5	8.0	8.4	8.8	9.2	9.5
63.75°	5.5	5.9	6.4	6.9	7.4	7.9	8.3	8.8	9.2	9.5	9.9
62.5°	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.5	9.9	10.2
61.25°	5.9	6.5	7.0	7.5	8.0	8.5	9.0	9.4	9.8	10.2	10.6
60°	6.2	6.7	7.3	7.8	8.3	8.9	9.3	9.7	10.1	10.5	10.8
58.75°	6.4	7.0	7.5	8.1	8.6	9.1	9.6	10.0	10.4	10.8	11.0
57.5°	6.7	7.2	7.8	8.4	9.0	9.4	9.8	10.3	10.7	11.0	11.2
56.25°	6.9	7.5	8.1	8.7	9.2	9.6	10.1	10.5	10.9	11.2	11.5
55°	7.1	7.7	8.3	8.9	9.4	9.9	10.4	10.8	11.1	11.4	11.7
53.75°	7.3	7.9	8.6	9.2	9.7	10.1	10.6	11.0	11.3	11.6	11.9
52.5°	7.5	8.2	8.8	9.4	9.9	10.4	10.8	11.1	11.4	11.8	12.4
51.25°	7.7	8.4	9.1	9.6	10.1	10.6	11.0	11.3	11.6	12.1	12.8
50°	7.9	8.6	9.2	9.8	10.3	10.8	11.1	11.5	11.8	12.5	13.2
48.75°	8.1	8.8	9.4	10.0	10.5	10.9	11.3	11.6	12.2	12.9	13.6
47.5°	8.3	9.0	9.6	10.2	10.7	11.1	11.4	11.8	12.5	13.3	14.0
46.25°	8.5	9.2	9.8	10.4	10.9	11.2	11.6	12.1	12.9	13.6	14.5
45°	8.7	9.4	10.0	10.5	11.0	11.4	11.7	12.4	13.2	14.0	15.1
43.75°	8.9	9.5	10.1	10.7	11.1	11.5	12.0	12.8	13.6	14.5	15.6
42.5°	9.1	9.7	10.3	10.8	11.2	11.6	12.3	13.1	13.9	15.0	16.2
41.25°	9.2	9.8	10.5	10.9	11.4	11.8	12.5	13.4	14.3	15.5	16.7
40°	9.3	10.0	10.6	11.1	11.5	12.0	12.8	13.7	14.7	16.0	17.2
38.75°	9.5	10.1	10.7	11.2	11.6	12.2	13.1	14.0	15.2	16.5	17.8
37.5°	9.6	10.3	10.8	11.3	11.7	12.5	13.4	14.3	15.6	16.9	18.3
36.25°	9.7	10.4	10.9	11.4	11.8	12.7	13.6	14.7	16.1	17.4	18.9
35°	9.8	10.5	11.0	11.5	12.0	13.0	13.9	15.1	16.5	17.9	19.4



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	10.0	10.7	11.1	11.6	12.3	13.2	14.2	15.5	16.9	18.4	20.0
32.5°	10.1	10.7	11.2	11.7	12.5	13.4	14.5	15.9	17.3	18.9	20.5
31.25°	10.2	10.8	11.3	11.8	12.7	13.6	14.8	16.3	17.7	19.3	21.0
30°	10.3	10.9	11.4	11.9	12.9	13.9	15.2	16.6	18.1	19.8	21.4
28.75°	10.4	11.0	11.4	12.1	13.1	14.1	15.5	17.0	18.6	20.2	22.0
27.5°	10.5	11.0	11.5	12.2	13.2	14.3	15.8	17.3	19.0	20.6	22.5
26.25°	10.6	11.1	11.6	12.4	13.4	14.6	16.1	17.6	19.3	21.0	23.0
25°	10.7	11.2	11.7	12.5	13.6	14.9	16.4	18.0	19.7	21.4	23.4
23.75°	10.7	11.2	11.7	12.7	13.7	15.1	16.6	18.3	20.0	21.9	23.9
22.5°	10.8	11.3	11.8	12.8	13.9	15.4	16.9	18.6	20.4	22.3	24.3
21.25°	10.8	11.3	11.9	13.0	14.0	15.6	17.1	18.9	20.7	22.7	24.7
20°	10.9	11.4	12.0	13.1	14.2	15.8	17.4	19.2	21.0	23.0	25.1
18.75°	10.9	11.4	12.1	13.2	14.4	16.0	17.6	19.4	21.3	23.4	25.5
17.5°	11.0	11.5	12.2	13.3	14.6	16.2	17.8	19.7	21.6	23.7	25.8
16.25°	11.0	11.5	12.3	13.4	14.7	16.4	18.1	19.9	21.8	24.0	26.1
15°	11.0	11.6	12.4	13.5	14.9	16.5	18.3	20.1	22.1	24.3	26.4
13.75°	11.1	11.6	12.5	13.6	15.0	16.7	18.5	20.3	22.4	24.5	26.7
12.5°	11.1	11.6	12.6	13.7	15.2	16.8	18.6	20.5	22.6	24.8	26.9
11.25°	11.1	11.7	12.7	13.8	15.3	17.0	18.8	20.7	22.8	25.0	27.2
10°	11.2	11.7	12.7	13.8	15.4	17.1	18.9	20.8	23.0	25.2	27.4
8.75°	11.2	11.7	12.8	13.9	15.5	17.2	19.0	21.0	23.1	25.3	27.6
7.5°	11.2	11.7	12.8	14.0	15.6	17.3	19.2	21.1	23.3	25.5	27.7
6.25°	11.2	11.8	12.9	14.0	15.6	17.3	19.2	21.2	23.4	25.6	27.8
5°	11.2	11.8	12.9	14.0	15.7	17.4	19.3	21.3	23.5	25.7	28.0
3.75°	11.2	11.8	12.9	14.1	15.7	17.4	19.4	21.3	23.6	25.8	28.0
2.5°	11.2	11.8	12.9	14.1	15.8	17.5	19.4	21.4	23.6	25.9	28.1
1.25°	11.2	11.8	12.9	14.1	15.8	17.5	19.4	21.4	23.6	25.9	28.1
0°	11.3	11.8	13.0	14.1	15.8	17.5	19.5	21.4	23.7	25.9	28.2
-1.25°	11.2	11.8	12.9	14.1	15.8	17.5	19.4	21.4	23.6	25.9	28.1
-2.5°	11.2	11.8	12.9	14.1	15.8	17.5	19.4	21.4	23.6	25.9	28.1
-3.75°	11.2	11.8	12.9	14.1	15.7	17.4	19.4	21.3	23.6	25.8	28.0
-5°	11.2	11.8	12.9	14.0	15.7	17.4	19.3	21.3	23.5	25.7	28.0
-6.25°	11.2	11.8	12.9	14.0	15.6	17.3	19.2	21.2	23.4	25.6	27.8
-7.5°	11.2	11.7	12.8	14.0	15.6	17.3	19.2	21.1	23.3	25.5	27.7
-8.75°	11.2	11.7	12.8	13.9	15.5	17.2	19.0	21.0	23.1	25.3	27.6
-10°	11.2	11.7	12.7	13.8	15.4	17.1	18.9	20.8	23.0	25.2	27.4
-11.25°	11.1	11.7	12.7	13.8	15.3	17.0	18.8	20.7	22.8	25.0	27.2
-12.5°	11.1	11.6	12.6	13.7	15.2	16.8	18.6	20.5	22.6	24.8	26.9
-13.75°	11.1	11.6	12.5	13.6	15.0	16.7	18.5	20.3	22.4	24.5	26.7
-15°	11.0	11.6	12.4	13.5	14.9	16.5	18.3	20.1	22.1	24.3	26.4
-16.25°	11.0	11.5	12.3	13.4	14.7	16.4	18.1	19.9	21.8	24.0	26.1
-17.5°	11.0	11.5	12.2	13.3	14.6	16.2	17.8	19.7	21.6	23.7	25.8
-18.75°	10.9	11.4	12.1	13.2	14.4	16.0	17.6	19.4	21.3	23.4	25.5
-20°	10.9	11.4	12.0	13.1	14.2	15.8	17.4	19.2	21.0	23.0	25.1
-21.25°	10.8	11.3	11.9	13.0	14.0	15.6	17.1	18.9	20.7	22.7	24.7



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	10.8	11.3	11.8	12.8	13.9	15.4	16.9	18.6	20.4	22.3	24.3
-23.75°	10.7	11.2	11.7	12.7	13.7	15.1	16.6	18.3	20.0	21.9	23.9
-25°	10.7	11.2	11.7	12.5	13.6	14.9	16.4	18.0	19.7	21.4	23.4
-26.25°	10.6	11.1	11.6	12.4	13.4	14.6	16.1	17.6	19.3	21.0	23.0
-27.5°	10.5	11.0	11.5	12.2	13.2	14.3	15.8	17.3	19.0	20.6	22.5
-28.75°	10.4	11.0	11.4	12.1	13.1	14.1	15.5	17.0	18.6	20.2	22.0
-30°	10.3	10.9	11.4	11.9	12.9	13.9	15.2	16.6	18.1	19.8	21.4
-31.25°	10.2	10.8	11.3	11.8	12.7	13.6	14.8	16.3	17.7	19.3	21.0
-32.5°	10.1	10.7	11.2	11.7	12.5	13.4	14.5	15.9	17.3	18.9	20.5
-33.75°	10.0	10.7	11.1	11.6	12.3	13.2	14.2	15.5	16.9	18.4	20.0
-35°	9.8	10.5	11.0	11.5	12.0	13.0	13.9	15.1	16.5	17.9	19.4
-36.25°	9.7	10.4	10.9	11.4	11.8	12.7	13.6	14.7	16.1	17.4	18.9
-37.5°	9.6	10.3	10.8	11.3	11.7	12.5	13.4	14.3	15.6	16.9	18.3
-38.75°	9.5	10.1	10.7	11.2	11.6	12.2	13.1	14.0	15.2	16.5	17.8
-40°	9.3	10.0	10.6	11.1	11.5	12.0	12.8	13.7	14.7	16.0	17.2
-41.25°	9.2	9.8	10.5	10.9	11.4	11.8	12.5	13.4	14.3	15.5	16.7
-42.5°	9.1	9.7	10.3	10.8	11.2	11.6	12.3	13.1	13.9	15.0	16.2
-43.75°	8.9	9.5	10.1	10.7	11.1	11.5	12.0	12.8	13.6	14.5	15.6
-45°	8.7	9.4	10.0	10.5	11.0	11.4	11.7	12.4	13.2	14.0	15.1
-46.25°	8.5	9.2	9.8	10.4	10.9	11.2	11.6	12.1	12.9	13.6	14.5
-47.5°	8.3	9.0	9.6	10.2	10.7	11.1	11.4	11.8	12.5	13.3	14.0
-48.75°	8.1	8.8	9.4	10.0	10.5	10.9	11.3	11.6	12.2	12.9	13.6
-50°	7.9	8.6	9.2	9.8	10.3	10.8	11.1	11.5	11.8	12.5	13.2
-51.25°	7.7	8.4	9.1	9.6	10.1	10.6	11.0	11.3	11.6	12.1	12.8
-52.5°	7.5	8.2	8.8	9.4	9.9	10.4	10.8	11.1	11.4	11.8	12.4
-53.75°	7.3	7.9	8.6	9.2	9.7	10.1	10.6	11.0	11.3	11.6	11.9
-55°	7.1	7.7	8.3	8.9	9.4	9.9	10.4	10.8	11.1	11.4	11.7
-56.25°	6.9	7.5	8.1	8.7	9.2	9.6	10.1	10.5	10.9	11.2	11.5
-57.5°	6.7	7.2	7.8	8.4	9.0	9.4	9.8	10.3	10.7	11.0	11.2
-58.75°	6.4	7.0	7.5	8.1	8.6	9.1	9.6	10.0	10.4	10.8	11.0
-60°	6.2	6.7	7.3	7.8	8.3	8.9	9.3	9.7	10.1	10.5	10.8
-61.25°	5.9	6.5	7.0	7.5	8.0	8.5	9.0	9.4	9.8	10.2	10.6
-62.5°	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.5	9.9	10.2
-63.75°	5.5	5.9	6.4	6.9	7.4	7.9	8.3	8.8	9.2	9.5	9.9
-65°	5.2	5.7	6.1	6.6	7.1	7.5	8.0	8.4	8.8	9.2	9.5
-66.25°	5.0	5.4	5.9	6.3	6.7	7.2	7.6	8.0	8.4	8.8	9.2
-67.5°	4.7	5.1	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.8
-68.75°	4.4	4.9	5.3	5.7	6.1	6.5	6.8	7.2	7.6	8.0	8.3
-70°	4.1	4.6	5.0	5.3	5.7	6.1	6.5	6.8	7.2	7.5	7.9
-71.25°	3.8	4.2	4.6	5.0	5.4	5.7	6.1	6.4	6.7	7.1	7.4
-72.5°	3.5	3.9	4.3	4.7	5.0	5.3	5.7	6.0	6.3	6.6	6.9
-73.75°	3.2	3.6	3.9	4.3	4.6	5.0	5.3	5.6	5.9	6.1	6.4
-75°	2.9	3.2	3.6	3.9	4.2	4.6	4.9	5.1	5.4	5.7	5.9
-76.25°	2.5	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5
-77.5°	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5	4.7	5.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	1.9	2.1	2.4	2.7	2.9	3.2	3.4	3.7	3.9	4.2	4.4
-80°	1.6	1.8	2.0	2.3	2.5	2.7	2.9	3.2	3.4	3.6	3.8
-81.25°	1.4	1.5	1.7	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2
-82.5°	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.3	2.4	2.6
-83.75°	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.9	2.0
-85°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5
-86.25°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
-88.75°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
85°	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
83.75°	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4
82.5°	2.8	2.9	3.1	3.2	3.4	3.6	3.7	3.9	4.0	4.1	4.3
81.25°	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1
80°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8
78.75°	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5
77.5°	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.2
76.25°	5.7	5.9	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7	7.9
75°	6.2	6.5	6.7	7.0	7.2	7.5	7.7	7.9	8.2	8.4	8.6
73.75°	6.7	7.0	7.3	7.5	7.8	8.1	8.3	8.6	8.8	9.1	9.2
72.5°	7.2	7.5	7.8	8.1	8.4	8.7	8.9	9.2	9.4	9.6	9.8
71.25°	7.7	8.0	8.3	8.6	9.0	9.2	9.4	9.7	9.9	10.1	10.3
70°	8.2	8.5	8.9	9.1	9.4	9.6	9.9	10.1	10.4	10.6	10.8
68.75°	8.7	9.0	9.3	9.6	9.8	10.1	10.4	10.6	10.8	11.0	11.1
67.5°	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.0	11.1	11.3	11.5
66.25°	9.5	9.8	10.1	10.4	10.7	10.9	11.1	11.3	11.4	11.6	11.8
65°	9.9	10.2	10.5	10.8	11.0	11.2	11.4	11.6	11.8	12.1	12.5
63.75°	10.2	10.6	10.8	11.0	11.2	11.5	11.7	11.9	12.4	12.8	13.2
62.5°	10.6	10.8	11.1	11.3	11.5	11.7	12.1	12.6	13.0	13.5	13.9
61.25°	10.8	11.1	11.3	11.6	11.8	12.3	12.7	13.2	13.7	14.1	14.8
60°	11.1	11.3	11.6	11.8	12.3	12.8	13.3	13.8	14.4	15.1	15.8
58.75°	11.3	11.6	11.8	12.4	12.9	13.4	13.9	14.6	15.3	16.1	16.8
57.5°	11.5	11.8	12.3	12.9	13.4	14.0	14.7	15.5	16.3	17.0	17.8
56.25°	11.7	12.3	12.8	13.4	14.0	14.8	15.6	16.4	17.2	18.0	18.9
55°	12.1	12.7	13.3	13.9	14.7	15.6	16.4	17.3	18.2	19.1	20.1
53.75°	12.6	13.2	13.8	14.6	15.5	16.4	17.3	18.2	19.2	20.2	21.1
52.5°	13.0	13.7	14.4	15.3	16.3	17.2	18.2	19.2	20.2	21.2	22.4
51.25°	13.5	14.1	15.1	16.1	17.0	18.0	19.1	20.2	21.2	22.4	23.6
50°	13.9	14.8	15.8	16.8	17.8	18.9	20.1	21.1	22.4	23.6	24.8
48.75°	14.4	15.4	16.5	17.5	18.7	19.8	21.0	22.2	23.5	24.8	26.0
47.5°	15.0	16.1	17.1	18.3	19.5	20.7	21.9	23.3	24.6	25.9	27.2
46.25°	15.6	16.7	17.9	19.1	20.3	21.6	23.0	24.3	25.7	27.1	28.4
45°	16.2	17.3	18.6	19.9	21.1	22.5	24.0	25.4	26.8	28.2	29.6
43.75°	16.8	18.0	19.3	20.6	22.0	23.5	25.0	26.4	27.9	29.3	30.6
42.5°	17.4	18.7	20.0	21.4	22.9	24.4	25.9	27.4	28.9	30.4	31.3
41.25°	18.0	19.4	20.7	22.2	23.8	25.3	26.9	28.4	29.9	31.0	32.0
40°	18.6	20.0	21.4	23.0	24.6	26.2	27.8	29.4	30.7	31.7	32.6
38.75°	19.2	20.7	22.2	23.9	25.5	27.1	28.7	30.3	31.3	32.3	33.3
37.5°	19.8	21.3	23.0	24.6	26.3	28.0	29.6	30.9	31.9	32.9	34.1
36.25°	20.4	22.0	23.7	25.4	27.1	28.8	30.5	31.5	32.5	33.6	34.9
35°	21.0	22.7	24.4	26.2	27.9	29.6	31.0	32.0	33.1	34.4	35.6



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	21.5	23.3	25.1	26.9	28.7	30.4	31.5	32.6	33.8	35.1	36.3
32.5°	22.2	24.0	25.8	27.6	29.4	30.9	32.0	33.1	34.4	35.7	36.7
31.25°	22.8	24.6	26.5	28.3	30.1	31.4	32.5	33.7	35.1	36.4	37.0
30°	23.3	25.2	27.1	29.0	30.7	31.8	33.0	34.3	35.7	36.7	37.2
28.75°	23.9	25.8	27.7	29.6	31.1	32.2	33.5	34.9	36.3	36.9	37.4
27.5°	24.4	26.4	28.3	30.2	31.5	32.7	34.0	35.4	36.7	37.1	37.6
26.25°	24.9	26.9	28.9	30.7	31.9	33.1	34.5	36.0	36.9	37.3	37.7
25°	25.4	27.4	29.4	31.0	32.2	33.5	35.0	36.5	37.0	37.5	37.7
23.75°	25.9	27.9	29.9	31.4	32.6	34.0	35.5	36.7	37.2	37.7	37.7
22.5°	26.4	28.4	30.4	31.7	32.9	34.4	35.9	36.9	37.4	37.7	37.7
21.25°	26.8	28.8	30.7	32.0	33.3	34.8	36.3	37.0	37.5	37.7	37.7
20°	27.2	29.3	31.0	32.3	33.6	35.2	36.7	37.2	37.7	37.7	37.7
18.75°	27.6	29.7	31.3	32.6	34.0	35.6	36.8	37.3	37.7	37.7	37.7
17.5°	27.9	30.0	31.5	32.8	34.3	35.9	36.9	37.4	37.7	37.7	37.7
16.25°	28.3	30.4	31.7	33.1	34.6	36.2	37.0	37.5	37.7	37.7	37.7
15°	28.6	30.6	31.9	33.3	34.9	36.5	37.1	37.6	37.7	37.7	37.7
13.75°	28.9	30.8	32.1	33.6	35.2	36.7	37.2	37.7	37.7	37.7	37.7
12.5°	29.1	31.0	32.3	33.8	35.4	36.8	37.3	37.7	37.7	37.7	37.7
11.25°	29.4	31.1	32.5	34.0	35.6	36.8	37.4	37.7	37.7	37.7	37.7
10°	29.6	31.3	32.6	34.2	35.8	36.9	37.4	37.7	37.7	37.7	37.7
8.75°	29.8	31.4	32.8	34.4	36.0	37.0	37.5	37.7	37.7	37.7	37.7
7.5°	29.9	31.5	32.9	34.5	36.2	37.0	37.5	37.7	37.7	37.7	37.7
6.25°	30.1	31.6	33.0	34.6	36.3	37.1	37.6	37.7	37.7	37.7	37.7
5°	30.2	31.7	33.1	34.7	36.4	37.1	37.6	37.7	37.7	37.7	37.7
3.75°	30.3	31.7	33.1	34.8	36.5	37.1	37.7	37.7	37.7	37.7	37.7
2.5°	30.3	31.8	33.2	34.9	36.6	37.1	37.7	37.7	37.7	37.7	37.7
1.25°	30.4	31.8	33.2	34.9	36.6	37.1	37.7	37.7	37.7	37.7	37.7
0°	30.4	31.8	33.2	34.9	36.6	37.2	37.7	37.7	37.7	37.7	37.7
-1.25°	30.4	31.8	33.2	34.9	36.6	37.1	37.7	37.7	37.7	37.7	37.7
-2.5°	30.3	31.8	33.2	34.9	36.6	37.1	37.7	37.7	37.7	37.7	37.7
-3.75°	30.3	31.7	33.1	34.8	36.5	37.1	37.7	37.7	37.7	37.7	37.7
-5°	30.2	31.7	33.1	34.7	36.4	37.1	37.6	37.7	37.7	37.7	37.7
-6.25°	30.1	31.6	33.0	34.6	36.3	37.1	37.6	37.7	37.7	37.7	37.7
-7.5°	29.9	31.5	32.9	34.5	36.2	37.0	37.5	37.7	37.7	37.7	37.7
-8.75°	29.8	31.4	32.8	34.4	36.0	37.0	37.5	37.7	37.7	37.7	37.7
-10°	29.6	31.3	32.6	34.2	35.8	36.9	37.4	37.7	37.7	37.7	37.7
-11.25°	29.4	31.1	32.5	34.0	35.6	36.8	37.4	37.7	37.7	37.7	37.7
-12.5°	29.1	31.0	32.3	33.8	35.4	36.8	37.3	37.7	37.7	37.7	37.7
-13.75°	28.9	30.8	32.1	33.6	35.2	36.7	37.2	37.7	37.7	37.7	37.7
-15°	28.6	30.6	31.9	33.3	34.9	36.5	37.1	37.6	37.7	37.7	37.7
-16.25°	28.3	30.4	31.7	33.1	34.6	36.2	37.0	37.5	37.7	37.7	37.7
-17.5°	27.9	30.0	31.5	32.8	34.3	35.9	36.9	37.4	37.7	37.7	37.7
-18.75°	27.6	29.7	31.3	32.6	34.0	35.6	36.8	37.3	37.7	37.7	37.7
-20°	27.2	29.3	31.0	32.3	33.6	35.2	36.7	37.2	37.7	37.7	37.7
-21.25°	26.8	28.8	30.7	32.0	33.3	34.8	36.3	37.0	37.5	37.7	37.7





REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	26.4	28.4	30.4	31.7	32.9	34.4	35.9	36.9	37.4	37.7	37.7
-23.75°	25.9	27.9	29.9	31.4	32.6	34.0	35.5	36.7	37.2	37.7	37.7
-25°	25.4	27.4	29.4	31.0	32.2	33.5	35.0	36.5	37.0	37.5	37.7
-26.25°	24.9	26.9	28.9	30.7	31.9	33.1	34.5	36.0	36.9	37.3	37.7
-27.5°	24.4	26.4	28.3	30.2	31.5	32.7	34.0	35.4	36.7	37.1	37.6
-28.75°	23.9	25.8	27.7	29.6	31.1	32.2	33.5	34.9	36.3	36.9	37.4
-30°	23.3	25.2	27.1	29.0	30.7	31.8	33.0	34.3	35.7	36.7	37.2
-31.25°	22.8	24.6	26.5	28.3	30.1	31.4	32.5	33.7	35.1	36.4	37.0
-32.5°	22.2	24.0	25.8	27.6	29.4	30.9	32.0	33.1	34.4	35.7	36.7
-33.75°	21.5	23.3	25.1	26.9	28.7	30.4	31.5	32.6	33.8	35.1	36.3
-35°	21.0	22.7	24.4	26.2	27.9	29.6	31.0	32.0	33.1	34.4	35.6
-36.25°	20.4	22.0	23.7	25.4	27.1	28.8	30.5	31.5	32.5	33.6	34.9
-37.5°	19.8	21.3	23.0	24.6	26.3	28.0	29.6	30.9	31.9	32.9	34.1
-38.75°	19.2	20.7	22.2	23.9	25.5	27.1	28.7	30.3	31.3	32.3	33.3
-40°	18.6	20.0	21.4	23.0	24.6	26.2	27.8	29.4	30.7	31.7	32.6
-41.25°	18.0	19.4	20.7	22.2	23.8	25.3	26.9	28.4	29.9	31.0	32.0
-42.5°	17.4	18.7	20.0	21.4	22.9	24.4	25.9	27.4	28.9	30.4	31.3
-43.75°	16.8	18.0	19.3	20.6	22.0	23.5	25.0	26.4	27.9	29.3	30.6
-45°	16.2	17.3	18.6	19.9	21.1	22.5	24.0	25.4	26.8	28.2	29.6
-46.25°	15.6	16.7	17.9	19.1	20.3	21.6	23.0	24.3	25.7	27.1	28.4
-47.5°	15.0	16.1	17.1	18.3	19.5	20.7	21.9	23.3	24.6	25.9	27.2
-48.75°	14.4	15.4	16.5	17.5	18.7	19.8	21.0	22.2	23.5	24.8	26.0
-50°	13.9	14.8	15.8	16.8	17.8	18.9	20.1	21.1	22.4	23.6	24.8
-51.25°	13.5	14.1	15.1	16.1	17.0	18.0	19.1	20.2	21.2	22.4	23.6
-52.5°	13.0	13.7	14.4	15.3	16.3	17.2	18.2	19.2	20.2	21.2	22.4
-53.75°	12.6	13.2	13.8	14.6	15.5	16.4	17.3	18.2	19.2	20.2	21.1
-55°	12.1	12.7	13.3	13.9	14.7	15.6	16.4	17.3	18.2	19.1	20.1
-56.25°	11.7	12.3	12.8	13.4	14.0	14.8	15.6	16.4	17.2	18.0	18.9
-57.5°	11.5	11.8	12.3	12.9	13.4	14.0	14.7	15.5	16.3	17.0	17.8
-58.75°	11.3	11.6	11.8	12.4	12.9	13.4	13.9	14.6	15.3	16.1	16.8
-60°	11.1	11.3	11.6	11.8	12.3	12.8	13.3	13.8	14.4	15.1	15.8
-61.25°	10.8	11.1	11.3	11.6	11.8	12.3	12.7	13.2	13.7	14.1	14.8
-62.5°	10.6	10.8	11.1	11.3	11.5	11.7	12.1	12.6	13.0	13.5	13.9
-63.75°	10.2	10.6	10.8	11.0	11.2	11.5	11.7	11.9	12.4	12.8	13.2
-65°	9.9	10.2	10.5	10.8	11.0	11.2	11.4	11.6	11.8	12.1	12.5
-66.25°	9.5	9.8	10.1	10.4	10.7	10.9	11.1	11.3	11.4	11.6	11.8
-67.5°	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.0	11.1	11.3	11.5
-68.75°	8.7	9.0	9.3	9.6	9.8	10.1	10.4	10.6	10.8	11.0	11.1
-70°	8.2	8.5	8.9	9.1	9.4	9.6	9.9	10.1	10.4	10.6	10.8
-71.25°	7.7	8.0	8.3	8.6	9.0	9.2	9.4	9.7	9.9	10.1	10.3
-72.5°	7.2	7.5	7.8	8.1	8.4	8.7	8.9	9.2	9.4	9.6	9.8
-73.75°	6.7	7.0	7.3	7.5	7.8	8.1	8.3	8.6	8.8	9.1	9.2
-75°	6.2	6.5	6.7	7.0	7.2	7.5	7.7	7.9	8.2	8.4	8.6
-76.25°	5.7	5.9	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7	7.9
-77.5°	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.2



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.5
-80°	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.3	5.5	5.6	5.8
-81.25°	3.4	3.6	3.8	4.0	4.2	4.3	4.5	4.6	4.8	4.9	5.1
-82.5°	2.8	2.9	3.1	3.2	3.4	3.6	3.7	3.9	4.0	4.1	4.3
-83.75°	2.1	2.3	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3	3.4
-85°	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
-86.25°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.6
-87.5°	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1
-88.75°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
86.25°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3
85°	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2	3.3	3.3	3.4
83.75°	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.4	4.5
82.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
81.25°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.4
80°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3
78.75°	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.0	8.2
77.5°	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.8	8.9	9.0
76.25°	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.5	9.6	9.7
75°	8.8	9.0	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.3	10.4
73.75°	9.4	9.6	9.8	10.0	10.1	10.3	10.5	10.6	10.7	10.8	10.9
72.5°	10.0	10.2	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.3	11.4
71.25°	10.5	10.7	10.9	11.0	11.1	11.2	11.4	11.5	11.6	11.7	11.8
70°	10.9	11.1	11.2	11.4	11.5	11.6	11.8	12.0	12.2	12.5	12.7
68.75°	11.3	11.4	11.6	11.7	12.0	12.3	12.5	12.8	13.1	13.4	13.6
67.5°	11.6	11.8	12.1	12.4	12.8	13.1	13.4	13.7	14.0	14.3	14.7
66.25°	12.2	12.5	12.9	13.2	13.6	13.9	14.3	14.7	15.2	15.6	16.1
65°	12.9	13.3	13.6	14.0	14.5	15.0	15.5	16.0	16.5	16.9	17.4
63.75°	13.6	14.0	14.5	15.1	15.6	16.2	16.7	17.2	17.8	18.3	18.9
62.5°	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.6	19.2	19.8	20.4
61.25°	15.4	16.1	16.7	17.3	18.0	18.7	19.4	20.0	20.7	21.3	22.0
60°	16.5	17.1	17.9	18.6	19.3	20.0	20.7	21.4	22.2	23.0	23.7
58.75°	17.5	18.3	19.1	19.9	20.6	21.4	22.2	23.0	23.9	24.6	25.4
57.5°	18.7	19.5	20.3	21.1	22.0	22.9	23.8	24.6	25.5	26.3	27.1
56.25°	19.8	20.7	21.6	22.5	23.5	24.4	25.3	26.2	27.1	28.0	28.8
55°	21.0	21.9	23.0	24.0	25.0	25.9	26.9	27.8	28.7	29.6	30.5
53.75°	22.2	23.3	24.3	25.4	26.4	27.4	28.4	29.4	30.3	30.9	31.5
52.5°	23.5	24.6	25.7	26.8	27.9	28.9	29.9	30.7	31.3	31.9	32.5
51.25°	24.8	25.9	27.1	28.2	29.3	30.4	31.0	31.7	32.3	32.9	33.6
50°	26.0	27.2	28.4	29.6	30.6	31.3	32.0	32.6	33.3	34.1	34.9
48.75°	27.3	28.5	29.7	30.7	31.5	32.2	32.9	33.7	34.5	35.3	36.1
47.5°	28.5	29.8	30.8	31.6	32.3	33.1	33.9	34.8	35.6	36.5	36.8
46.25°	29.7	30.8	31.6	32.4	33.2	34.1	35.0	35.9	36.7	36.9	37.2
45°	30.7	31.6	32.4	33.2	34.2	35.1	36.1	36.7	37.0	37.3	37.6
43.75°	31.5	32.3	33.2	34.2	35.2	36.2	36.8	37.1	37.4	37.7	37.7
42.5°	32.2	33.1	34.1	35.1	36.2	36.8	37.1	37.4	37.7	37.7	37.7
41.25°	32.9	33.9	35.0	36.1	36.8	37.1	37.4	37.7	37.7	37.7	37.7
40°	33.7	34.8	35.9	36.7	37.1	37.4	37.7	37.7	37.7	37.7	37.7
38.75°	34.5	35.6	36.7	37.0	37.4	37.7	37.7	37.7	37.7	37.7	37.7
37.5°	35.3	36.5	36.9	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7
36.25°	36.1	36.8	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.7	38.0
35°	36.7	37.1	37.5	37.7	37.7	37.7	37.7	37.7	37.7	38.0	38.3



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	36.9	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.3	38.7
32.5°	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.8	38.2	38.7	39.1
31.25°	37.4	37.7	37.7	37.7	37.7	37.7	37.7	38.1	38.6	39.0	39.6
30°	37.6	37.7	37.7	37.7	37.7	37.7	38.0	38.4	38.9	39.5	40.1
28.75°	37.7	37.7	37.7	37.7	37.7	37.8	38.3	38.8	39.3	40.0	40.6
27.5°	37.7	37.7	37.7	37.7	37.7	38.1	38.6	39.1	39.8	40.4	41.1
26.25°	37.7	37.7	37.7	37.7	37.9	38.4	38.9	39.5	40.2	40.8	41.5
25°	37.7	37.7	37.7	37.7	38.1	38.6	39.2	39.9	40.6	41.3	41.9
23.75°	37.7	37.7	37.7	37.9	38.4	38.9	39.6	40.3	41.0	41.7	42.3
22.5°	37.7	37.7	37.7	38.1	38.6	39.2	39.9	40.6	41.3	42.1	42.7
21.25°	37.7	37.7	37.8	38.3	38.8	39.5	40.2	41.0	41.7	42.4	43.1
20°	37.7	37.7	38.0	38.5	39.1	39.8	40.6	41.3	42.0	42.7	43.4
18.75°	37.7	37.7	38.1	38.7	39.3	40.1	40.9	41.6	42.4	43.1	43.8
17.5°	37.7	37.8	38.3	38.9	39.6	40.4	41.2	41.9	42.7	43.4	44.1
16.25°	37.7	37.9	38.5	39.1	39.9	40.6	41.4	42.2	42.9	43.7	44.4
15°	37.7	38.1	38.6	39.3	40.1	40.9	41.7	42.4	43.2	43.9	44.7
13.75°	37.7	38.2	38.8	39.5	40.3	41.1	41.9	42.7	43.4	44.2	45.0
12.5°	37.7	38.3	38.9	39.7	40.5	41.3	42.1	42.9	43.6	44.4	45.2
11.25°	37.8	38.4	39.0	39.9	40.7	41.5	42.3	43.1	43.8	44.6	45.4
10°	37.9	38.5	39.2	40.0	40.8	41.7	42.5	43.2	44.0	44.8	45.7
8.75°	38.0	38.6	39.3	40.1	41.0	41.8	42.6	43.4	44.2	45.0	46.1
7.5°	38.1	38.7	39.4	40.3	41.1	41.9	42.7	43.5	44.3	45.2	46.4
6.25°	38.2	38.8	39.5	40.4	41.2	42.0	42.9	43.6	44.5	45.3	46.7
5°	38.2	38.8	39.6	40.5	41.3	42.1	42.9	43.7	44.6	45.4	46.9
3.75°	38.2	38.8	39.7	40.5	41.4	42.2	43.0	43.8	44.6	45.5	47.1
2.5°	38.3	38.9	39.7	40.6	41.4	42.3	43.1	43.9	44.7	45.6	47.2
1.25°	38.3	38.9	39.7	40.6	41.4	42.3	43.1	43.9	44.7	45.6	47.3
0°	38.3	38.9	39.8	40.6	41.5	42.3	43.1	43.9	44.8	45.6	47.3
-1.25°	38.3	38.9	39.7	40.6	41.4	42.3	43.1	43.9	44.7	45.6	47.3
-2.5°	38.3	38.9	39.7	40.6	41.4	42.3	43.1	43.9	44.7	45.6	47.2
-3.75°	38.2	38.8	39.7	40.5	41.4	42.2	43.0	43.8	44.6	45.5	47.1
-5°	38.2	38.8	39.6	40.5	41.3	42.1	42.9	43.7	44.6	45.4	46.9
-6.25°	38.2	38.8	39.5	40.4	41.2	42.0	42.9	43.6	44.5	45.3	46.7
-7.5°	38.1	38.7	39.4	40.3	41.1	41.9	42.7	43.5	44.3	45.2	46.4
-8.75°	38.0	38.6	39.3	40.1	41.0	41.8	42.6	43.4	44.2	45.0	46.1
-10°	37.9	38.5	39.2	40.0	40.8	41.7	42.5	43.2	44.0	44.8	45.7
-11.25°	37.8	38.4	39.0	39.9	40.7	41.5	42.3	43.1	43.8	44.6	45.4
-12.5°	37.7	38.3	38.9	39.7	40.5	41.3	42.1	42.9	43.6	44.4	45.2
-13.75°	37.7	38.2	38.8	39.5	40.3	41.1	41.9	42.7	43.4	44.2	45.0
-15°	37.7	38.1	38.6	39.3	40.1	40.9	41.7	42.4	43.2	43.9	44.7
-16.25°	37.7	37.9	38.5	39.1	39.9	40.6	41.4	42.2	42.9	43.7	44.4
-17.5°	37.7	37.8	38.3	38.9	39.6	40.4	41.2	41.9	42.7	43.4	44.1
-18.75°	37.7	37.7	38.1	38.7	39.3	40.1	40.9	41.6	42.4	43.1	43.8
-20°	37.7	37.7	38.0	38.5	39.1	39.8	40.6	41.3	42.0	42.7	43.4
-21.25°	37.7	37.7	37.8	38.3	38.8	39.5	40.2	41.0	41.7	42.4	43.1



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	37.7	37.7	37.7	38.1	38.6	39.2	39.9	40.6	41.3	42.1	42.7
-23.75°	37.7	37.7	37.7	37.9	38.4	38.9	39.6	40.3	41.0	41.7	42.3
-25°	37.7	37.7	37.7	37.7	38.1	38.6	39.2	39.9	40.6	41.3	41.9
-26.25°	37.7	37.7	37.7	37.7	37.9	38.4	38.9	39.5	40.2	40.8	41.5
-27.5°	37.7	37.7	37.7	37.7	37.7	38.1	38.6	39.1	39.8	40.4	41.1
-28.75°	37.7	37.7	37.7	37.7	37.7	37.8	38.3	38.8	39.3	40.0	40.6
-30°	37.6	37.7	37.7	37.7	37.7	37.7	38.0	38.4	38.9	39.5	40.1
-31.25°	37.4	37.7	37.7	37.7	37.7	37.7	37.7	38.1	38.6	39.0	39.6
-32.5°	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.8	38.2	38.7	39.1
-33.75°	36.9	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.3	38.7
-35°	36.7	37.1	37.5	37.7	37.7	37.7	37.7	37.7	37.7	38.0	38.3
-36.25°	36.1	36.8	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.7	38.0
-37.5°	35.3	36.5	36.9	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-38.75°	34.5	35.6	36.7	37.0	37.4	37.7	37.7	37.7	37.7	37.7	37.7
-40°	33.7	34.8	35.9	36.7	37.1	37.4	37.7	37.7	37.7	37.7	37.7
-41.25°	32.9	33.9	35.0	36.1	36.8	37.1	37.4	37.7	37.7	37.7	37.7
-42.5°	32.2	33.1	34.1	35.1	36.2	36.8	37.1	37.4	37.7	37.7	37.7
-43.75°	31.5	32.3	33.2	34.2	35.2	36.2	36.8	37.1	37.4	37.7	37.7
-45°	30.7	31.6	32.4	33.2	34.2	35.1	36.1	36.7	37.0	37.3	37.6
-46.25°	29.7	30.8	31.6	32.4	33.2	34.1	35.0	35.9	36.7	36.9	37.2
-47.5°	28.5	29.8	30.8	31.6	32.3	33.1	33.9	34.8	35.6	36.5	36.8
-48.75°	27.3	28.5	29.7	30.7	31.5	32.2	32.9	33.7	34.5	35.3	36.1
-50°	26.0	27.2	28.4	29.6	30.6	31.3	32.0	32.6	33.3	34.1	34.9
-51.25°	24.8	25.9	27.1	28.2	29.3	30.4	31.0	31.7	32.3	32.9	33.6
-52.5°	23.5	24.6	25.7	26.8	27.9	28.9	29.9	30.7	31.3	31.9	32.5
-53.75°	22.2	23.3	24.3	25.4	26.4	27.4	28.4	29.4	30.3	30.9	31.5
-55°	21.0	21.9	23.0	24.0	25.0	25.9	26.9	27.8	28.7	29.6	30.5
-56.25°	19.8	20.7	21.6	22.5	23.5	24.4	25.3	26.2	27.1	28.0	28.8
-57.5°	18.7	19.5	20.3	21.1	22.0	22.9	23.8	24.6	25.5	26.3	27.1
-58.75°	17.5	18.3	19.1	19.9	20.6	21.4	22.2	23.0	23.9	24.6	25.4
-60°	16.5	17.1	17.9	18.6	19.3	20.0	20.7	21.4	22.2	23.0	23.7
-61.25°	15.4	16.1	16.7	17.3	18.0	18.7	19.4	20.0	20.7	21.3	22.0
-62.5°	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.6	19.2	19.8	20.4
-63.75°	13.6	14.0	14.5	15.1	15.6	16.2	16.7	17.2	17.8	18.3	18.9
-65°	12.9	13.3	13.6	14.0	14.5	15.0	15.5	16.0	16.5	16.9	17.4
-66.25°	12.2	12.5	12.9	13.2	13.6	13.9	14.3	14.7	15.2	15.6	16.1
-67.5°	11.6	11.8	12.1	12.4	12.8	13.1	13.4	13.7	14.0	14.3	14.7
-68.75°	11.3	11.4	11.6	11.7	12.0	12.3	12.5	12.8	13.1	13.4	13.6
-70°	10.9	11.1	11.2	11.4	11.5	11.6	11.8	12.0	12.2	12.5	12.7
-71.25°	10.5	10.7	10.9	11.0	11.1	11.2	11.4	11.5	11.6	11.7	11.8
-72.5°	10.0	10.2	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.3	11.4
-73.75°	9.4	9.6	9.8	10.0	10.1	10.3	10.5	10.6	10.7	10.8	10.9
-75°	8.8	9.0	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.3	10.4
-76.25°	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.5	9.6	9.7
-77.5°	7.4	7.6	7.8	7.9	8.1	8.3	8.4	8.6	8.8	8.9	9.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.0	8.2
-80°	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3
-81.25°	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.4
-82.5°	4.4	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5
-83.75°	3.5	3.6	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.4	4.5
-85°	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2	3.3	3.3	3.4
-86.25°	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.1	2.2	2.2	2.3
-87.5°	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4
-88.75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
86.25°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
85°	3.5	3.6	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.0	4.1
83.75°	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2
82.5°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3
81.25°	6.5	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2	7.3
80°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3
78.75°	8.3	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.1	9.2	9.3
77.5°	9.1	9.2	9.4	9.5	9.5	9.6	9.7	9.8	9.9	10.0	10.0
76.25°	9.8	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8
75°	10.5	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
73.75°	11.0	11.1	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.7	11.8
72.5°	11.5	11.6	11.7	11.8	11.9	12.1	12.2	12.4	12.5	12.7	12.8
71.25°	12.0	12.3	12.5	12.7	12.9	13.1	13.2	13.4	13.6	13.7	13.9
70°	13.0	13.2	13.4	13.6	13.9	14.1	14.3	14.6	14.9	15.1	15.4
68.75°	13.9	14.2	14.5	14.8	15.2	15.5	15.8	16.1	16.4	16.6	16.9
67.5°	15.1	15.5	15.9	16.3	16.6	17.0	17.3	17.6	18.0	18.3	18.6
66.25°	16.5	16.9	17.3	17.7	18.1	18.6	19.0	19.3	19.7	20.0	20.4
65°	17.9	18.4	18.9	19.3	19.8	20.2	20.6	21.0	21.4	21.9	22.3
63.75°	19.4	20.0	20.5	21.0	21.4	22.0	22.5	23.0	23.4	23.9	24.3
62.5°	21.0	21.5	22.2	22.8	23.3	23.9	24.4	24.9	25.4	25.9	26.4
61.25°	22.7	23.3	24.0	24.6	25.2	25.8	26.4	26.9	27.4	27.9	28.4
60°	24.4	25.1	25.8	26.5	27.1	27.7	28.3	28.9	29.4	29.9	30.4
58.75°	26.2	26.9	27.6	28.3	29.0	29.6	30.2	30.7	31.0	31.4	31.7
57.5°	27.9	28.7	29.4	30.1	30.7	31.1	31.5	31.9	32.2	32.6	32.9
56.25°	29.6	30.4	30.9	31.4	31.8	32.2	32.7	33.1	33.5	34.0	34.4
55°	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5	35.9
53.75°	32.0	32.6	33.1	33.7	34.3	34.9	35.4	36.0	36.5	36.7	36.9
52.5°	33.1	33.8	34.4	35.1	35.7	36.3	36.7	36.9	37.0	37.2	37.4
51.25°	34.4	35.1	35.7	36.4	36.7	36.9	37.1	37.3	37.5	37.7	37.7
50°	35.6	36.3	36.7	37.0	37.2	37.4	37.6	37.7	37.7	37.7	37.7
48.75°	36.7	36.9	37.2	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7
47.5°	37.1	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
46.25°	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
45°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.1
43.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.1	38.4	38.6
42.5°	37.7	37.7	37.7	37.7	37.7	37.8	38.1	38.4	38.6	38.9	39.2
41.25°	37.7	37.7	37.7	37.7	38.0	38.3	38.6	38.9	39.2	39.6	39.9
40°	37.7	37.7	37.8	38.1	38.4	38.8	39.1	39.5	39.9	40.3	40.6
38.75°	37.7	37.9	38.2	38.6	38.9	39.3	39.8	40.2	40.6	41.0	41.3
37.5°	38.0	38.3	38.7	39.0	39.5	40.0	40.4	40.8	41.3	41.7	42.1
36.25°	38.3	38.7	39.1	39.6	40.1	40.6	41.1	41.5	41.9	42.3	42.7
35°	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.6	43.0	43.4



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	39.2	39.7	40.3	40.8	41.3	41.8	42.3	42.8	43.2	43.6	44.0
32.5°	39.7	40.3	40.8	41.4	41.9	42.4	42.9	43.4	43.8	44.3	44.7
31.25°	40.2	40.8	41.4	41.9	42.5	43.0	43.5	43.9	44.4	44.9	45.4
30°	40.7	41.3	41.9	42.5	43.0	43.5	44.0	44.6	45.1	45.6	46.5
28.75°	41.2	41.8	42.4	43.0	43.5	44.1	44.6	45.2	45.8	46.8	47.8
27.5°	41.7	42.3	42.9	43.5	44.0	44.6	45.2	45.9	47.0	48.0	49.1
26.25°	42.2	42.8	43.4	43.9	44.6	45.2	45.9	47.0	48.1	49.7	52.7
25°	42.6	43.2	43.8	44.4	45.1	45.8	47.0	48.1	49.9	53.0	56.1
23.75°	43.0	43.6	44.3	44.9	45.6	46.8	48.0	49.7	53.0	56.3	59.7
22.5°	43.4	44.0	44.7	45.4	46.5	47.8	49.1	52.7	56.1	59.7	63.6
21.25°	43.8	44.4	45.1	46.0	47.4	48.7	51.9	55.6	59.2	63.3	67.4
20°	44.1	44.8	45.5	46.9	48.3	50.8	54.6	58.4	62.6	66.9	71.7
18.75°	44.5	45.2	46.3	47.7	49.4	53.3	57.2	61.5	65.9	70.5	77.8
17.5°	44.8	45.6	47.0	48.5	51.6	55.7	59.8	64.5	69.0	75.8	93.4
16.25°	45.2	46.2	47.7	49.6	53.8	57.9	62.6	67.3	73.3	87.4	122.6
15°	45.5	46.9	48.4	51.6	55.8	60.3	65.2	70.1	79.2	105.1	159.8
13.75°	45.9	47.5	49.0	53.4	57.7	62.6	67.6	74.2	91.4	135.6	204.3
12.5°	46.4	48.0	50.6	55.1	59.6	64.8	69.9	79.6	109.4	170.5	250.7
11.25°	46.9	48.5	52.1	56.6	61.5	66.8	73.2	89.7	134.4	207.2	295.4
10°	47.3	49.0	53.4	58.0	63.2	68.6	76.3	99.8	161.0	244.6	339.5
8.75°	47.7	50.0	54.6	59.4	64.8	70.3	82.3	119.3	189.6	279.5	379.3
7.5°	48.1	51.0	55.7	60.6	66.1	72.6	89.1	136.3	214.7	311.3	414.4
6.25°	48.3	51.9	56.6	61.7	67.3	74.5	94.9	152.3	239.4	339.8	444.6
5°	48.6	52.6	57.3	62.6	68.2	76.1	102.2	169.2	260.1	363.5	469.6
3.75°	48.8	53.1	57.9	63.3	68.9	77.8	111.2	182.4	276.3	382.0	489.3
2.5°	48.9	53.5	58.3	63.8	69.5	80.3	117.6	191.9	288.0	395.4	503.5
1.25°	49.0	53.7	58.5	64.1	69.8	81.9	121.5	197.7	295.0	403.5	512.0
0°	49.0	53.8	58.6	64.3	69.9	82.4	122.8	199.6	297.4	406.2	514.9
-1.25°	49.0	53.7	58.5	64.1	69.8	81.9	121.5	197.7	295.0	403.5	512.0
-2.5°	48.9	53.5	58.3	63.8	69.5	80.3	117.6	191.9	288.0	395.4	503.5
-3.75°	48.8	53.1	57.9	63.3	68.9	77.8	111.2	182.4	276.3	382.0	489.3
-5°	48.6	52.6	57.3	62.6	68.2	76.1	102.2	169.2	260.1	363.5	469.6
-6.25°	48.3	51.9	56.6	61.7	67.3	74.5	94.9	152.3	239.4	339.8	444.6
-7.5°	48.1	51.0	55.7	60.6	66.1	72.6	89.1	136.3	214.7	311.3	414.4
-8.75°	47.7	50.0	54.6	59.4	64.8	70.3	82.3	119.3	189.6	279.5	379.3
-10°	47.3	49.0	53.4	58.0	63.2	68.6	76.3	99.8	161.0	244.6	339.5
-11.25°	46.9	48.5	52.1	56.6	61.5	66.8	73.2	89.7	134.4	207.2	295.4
-12.5°	46.4	48.0	50.6	55.1	59.6	64.8	69.9	79.6	109.4	170.5	250.7
-13.75°	45.9	47.5	49.0	53.4	57.7	62.6	67.6	74.2	91.4	135.6	204.3
-15°	45.5	46.9	48.4	51.6	55.8	60.3	65.2	70.1	79.2	105.1	159.8
-16.25°	45.2	46.2	47.7	49.6	53.8	57.9	62.6	67.3	73.3	87.4	122.6
-17.5°	44.8	45.6	47.0	48.5	51.6	55.7	59.8	64.5	69.0	75.8	93.4
-18.75°	44.5	45.2	46.3	47.7	49.4	53.3	57.2	61.5	65.9	70.5	77.8
-20°	44.1	44.8	45.5	46.9	48.3	50.8	54.6	58.4	62.6	66.9	71.7
-21.25°	43.8	44.4	45.1	46.0	47.4	48.7	51.9	55.6	59.2	63.3	67.4





REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	43.4	44.0	44.7	45.4	46.5	47.8	49.1	52.7	56.1	59.7	63.6
-23.75°	43.0	43.6	44.3	44.9	45.6	46.8	48.0	49.7	53.0	56.3	59.7
-25°	42.6	43.2	43.8	44.4	45.1	45.8	47.0	48.1	49.9	53.0	56.1
-26.25°	42.2	42.8	43.4	43.9	44.6	45.2	45.9	47.0	48.1	49.7	52.7
-27.5°	41.7	42.3	42.9	43.5	44.0	44.6	45.2	45.9	47.0	48.0	49.1
-28.75°	41.2	41.8	42.4	43.0	43.5	44.1	44.6	45.2	45.8	46.8	47.8
-30°	40.7	41.3	41.9	42.5	43.0	43.5	44.0	44.6	45.1	45.6	46.5
-31.25°	40.2	40.8	41.4	41.9	42.5	43.0	43.5	43.9	44.4	44.9	45.4
-32.5°	39.7	40.3	40.8	41.4	41.9	42.4	42.9	43.4	43.8	44.3	44.7
-33.75°	39.2	39.7	40.3	40.8	41.3	41.8	42.3	42.8	43.2	43.6	44.0
-35°	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.6	43.0	43.4
-36.25°	38.3	38.7	39.1	39.6	40.1	40.6	41.1	41.5	41.9	42.3	42.7
-37.5°	38.0	38.3	38.7	39.0	39.5	40.0	40.4	40.8	41.3	41.7	42.1
-38.75°	37.7	37.9	38.2	38.6	38.9	39.3	39.8	40.2	40.6	41.0	41.3
-40°	37.7	37.7	37.8	38.1	38.4	38.8	39.1	39.5	39.9	40.3	40.6
-41.25°	37.7	37.7	37.7	37.7	38.0	38.3	38.6	38.9	39.2	39.6	39.9
-42.5°	37.7	37.7	37.7	37.7	37.7	37.8	38.1	38.4	38.6	38.9	39.2
-43.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.1	38.4	38.6
-45°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	38.1
-46.25°	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-47.5°	37.1	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-48.75°	36.7	36.9	37.2	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7
-50°	35.6	36.3	36.7	37.0	37.2	37.4	37.6	37.7	37.7	37.7	37.7
-51.25°	34.4	35.1	35.7	36.4	36.7	36.9	37.1	37.3	37.5	37.7	37.7
-52.5°	33.1	33.8	34.4	35.1	35.7	36.3	36.7	36.9	37.0	37.2	37.4
-53.75°	32.0	32.6	33.1	33.7	34.3	34.9	35.4	36.0	36.5	36.7	36.9
-55°	31.0	31.5	32.0	32.5	33.0	33.5	34.0	34.5	35.0	35.5	35.9
-56.25°	29.6	30.4	30.9	31.4	31.8	32.2	32.7	33.1	33.5	34.0	34.4
-57.5°	27.9	28.7	29.4	30.1	30.7	31.1	31.5	31.9	32.2	32.6	32.9
-58.75°	26.2	26.9	27.6	28.3	29.0	29.6	30.2	30.7	31.0	31.4	31.7
-60°	24.4	25.1	25.8	26.5	27.1	27.7	28.3	28.9	29.4	29.9	30.4
-61.25°	22.7	23.3	24.0	24.6	25.2	25.8	26.4	26.9	27.4	27.9	28.4
-62.5°	21.0	21.5	22.2	22.8	23.3	23.9	24.4	24.9	25.4	25.9	26.4
-63.75°	19.4	20.0	20.5	21.0	21.4	22.0	22.5	23.0	23.4	23.9	24.3
-65°	17.9	18.4	18.9	19.3	19.8	20.2	20.6	21.0	21.4	21.9	22.3
-66.25°	16.5	16.9	17.3	17.7	18.1	18.6	19.0	19.3	19.7	20.0	20.4
-67.5°	15.1	15.5	15.9	16.3	16.6	17.0	17.3	17.6	18.0	18.3	18.6
-68.75°	13.9	14.2	14.5	14.8	15.2	15.5	15.8	16.1	16.4	16.6	16.9
-70°	13.0	13.2	13.4	13.6	13.9	14.1	14.3	14.6	14.9	15.1	15.4
-71.25°	12.0	12.3	12.5	12.7	12.9	13.1	13.2	13.4	13.6	13.7	13.9
-72.5°	11.5	11.6	11.7	11.8	11.9	12.1	12.2	12.4	12.5	12.7	12.8
-73.75°	11.0	11.1	11.2	11.3	11.4	11.4	11.5	11.6	11.7	11.7	11.8
-75°	10.5	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
-76.25°	9.8	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7	10.8
-77.5°	9.1	9.2	9.4	9.5	9.5	9.6	9.7	9.8	9.9	10.0	10.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	8.3	8.4	8.5	8.6	8.8	8.9	9.0	9.1	9.1	9.2	9.3
-80°	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3
-81.25°	6.5	6.6	6.7	6.8	6.9	6.9	7.0	7.1	7.2	7.2	7.3
-82.5°	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.1	6.2	6.2	6.3
-83.75°	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2
-85°	3.5	3.6	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.0	4.1
-86.25°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-87.5°	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
86.25°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
85°	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
83.75°	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.5	5.6	5.6
82.5°	6.3	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7
81.25°	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8
80°	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9	8.9
78.75°	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.7	9.8
77.5°	10.1	10.2	10.2	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6
76.25°	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.2	11.2
75°	11.3	11.4	11.4	11.5	11.5	11.6	11.6	11.6	11.7	11.7	11.7
73.75°	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.7	12.8
72.5°	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.8	13.9
71.25°	14.0	14.2	14.4	14.6	14.7	14.9	15.0	15.2	15.3	15.4	15.5
70°	15.6	15.8	16.0	16.2	16.4	16.5	16.7	16.8	17.0	17.1	17.2
68.75°	17.1	17.4	17.6	17.8	18.1	18.3	18.5	18.6	18.8	18.9	19.0
67.5°	18.9	19.2	19.4	19.7	19.9	20.1	20.3	20.5	20.7	20.8	21.0
66.25°	20.7	21.0	21.3	21.6	21.8	22.1	22.4	22.6	22.8	23.0	23.1
65°	22.7	23.0	23.4	23.7	24.0	24.3	24.5	24.8	25.0	25.2	25.3
63.75°	24.7	25.1	25.5	25.8	26.1	26.4	26.7	26.9	27.2	27.4	27.6
62.5°	26.8	27.2	27.6	27.9	28.3	28.6	28.9	29.1	29.4	29.6	29.8
61.25°	28.8	29.3	29.7	30.0	30.4	30.6	30.8	31.0	31.1	31.3	31.4
60°	30.7	31.0	31.3	31.5	31.7	31.9	32.1	32.3	32.5	32.6	32.8
58.75°	32.0	32.3	32.6	32.8	33.1	33.3	33.6	33.8	34.0	34.2	34.4
57.5°	33.3	33.6	34.0	34.3	34.6	34.9	35.2	35.4	35.6	35.8	36.0
56.25°	34.8	35.2	35.6	35.9	36.2	36.5	36.7	36.8	36.8	36.9	37.0
55°	36.3	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.4	37.5
53.75°	37.0	37.2	37.3	37.4	37.5	37.6	37.7	37.7	37.7	37.7	37.7
52.5°	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
51.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
50°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
48.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.9	38.0
47.5°	37.7	37.7	37.7	37.8	37.9	38.1	38.2	38.3	38.4	38.5	38.6
46.25°	37.8	38.0	38.1	38.3	38.5	38.6	38.8	38.9	39.0	39.2	39.3
45°	38.3	38.5	38.7	38.9	39.1	39.3	39.5	39.7	39.9	40.0	40.1
43.75°	38.8	39.1	39.3	39.6	39.9	40.1	40.3	40.5	40.7	40.8	41.0
42.5°	39.5	39.8	40.1	40.4	40.6	40.9	41.1	41.3	41.5	41.7	41.8
41.25°	40.2	40.6	40.9	41.2	41.4	41.7	41.9	42.1	42.3	42.5	42.6
40°	41.0	41.3	41.6	41.9	42.2	42.4	42.7	42.9	43.1	43.2	43.4
38.75°	41.7	42.0	42.4	42.7	42.9	43.2	43.4	43.6	43.8	44.0	44.2
37.5°	42.4	42.7	43.1	43.4	43.7	43.9	44.2	44.4	44.6	44.8	45.0
36.25°	43.1	43.4	43.8	44.1	44.4	44.7	45.0	45.2	45.4	45.7	46.1
35°	43.8	44.1	44.5	44.8	45.2	45.5	45.9	46.4	46.9	47.3	47.7



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

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	44.4	44.8	45.2	45.6	46.2	46.9	47.5	48.0	48.5	49.0	50.0
32.5°	45.1	45.5	46.3	47.0	47.7	48.4	49.0	50.6	52.1	53.4	54.6
31.25°	46.0	46.9	47.7	48.5	49.6	51.6	53.4	55.1	56.6	58.0	59.4
30°	47.4	48.3	49.4	51.6	53.8	55.8	57.7	59.6	61.5	63.2	64.8
28.75°	48.7	50.8	53.3	55.7	57.9	60.3	62.6	64.8	66.8	68.6	70.3
27.5°	51.9	54.6	57.2	59.8	62.6	65.2	67.6	69.9	73.2	76.3	82.3
26.25°	55.6	58.4	61.5	64.5	67.3	70.1	74.2	79.6	89.7	99.8	119.3
25°	59.2	62.6	65.9	69.0	73.3	79.2	91.4	109.4	134.4	161.0	189.6
23.75°	63.3	66.9	70.5	75.8	87.4	105.1	135.6	170.5	207.2	244.6	279.5
22.5°	67.4	71.7	77.8	93.4	122.6	159.8	204.3	250.7	295.4	339.5	379.3
21.25°	72.1	80.1	97.0	134.3	180.8	232.3	286.4	340.4	391.2	437.8	479.8
20°	80.1	98.5	140.2	193.6	252.5	313.6	374.8	432.4	485.9	527.2	554.3
18.75°	97.0	140.2	197.8	262.7	330.6	398.2	462.3	519.7	554.2	585.9	614.6
17.5°	134.3	193.6	262.7	336.3	409.9	480.5	535.0	573.8	610.1	643.7	669.0
16.25°	180.8	252.5	330.6	409.9	486.6	542.7	585.8	626.6	661.6	690.2	721.7
15°	232.3	313.6	398.2	480.5	542.7	589.8	635.0	672.1	707.6	744.7	783.4
13.75°	286.4	374.8	462.3	535.0	585.8	635.0	675.6	716.5	760.6	806.6	862.0
12.5°	340.4	432.4	519.7	573.8	626.6	672.1	716.5	766.0	821.6	887.2	975.1
11.25°	391.2	485.9	554.2	610.1	661.6	707.6	760.6	821.6	899.0	999.9	1116.5
10°	437.8	527.2	585.9	643.7	690.2	744.7	806.6	887.2	999.9	1132.9	1291.1
8.75°	479.8	554.3	614.6	669.0	721.7	783.4	862.0	975.1	1116.5	1291.1	1500.3
7.5°	516.1	578.4	640.1	691.0	751.2	823.6	926.4	1067.9	1245.8	1469.1	1751.8
6.25°	535.7	599.1	659.4	714.0	779.5	864.4	991.6	1157.6	1377.6	1661.4	2040.5
5°	551.9	616.4	674.2	733.2	803.6	906.8	1057.9	1254.6	1513.1	1864.5	2347.2
3.75°	564.7	630.0	686.0	749.4	828.9	947.4	1112.8	1332.7	1636.2	2070.4	2657.7
2.5°	573.9	639.9	695.3	762.1	847.3	977.0	1154.1	1403.7	1746.6	2239.0	2897.0
1.25°	579.5	645.8	701.5	769.8	858.5	995.0	1185.9	1448.4	1814.5	2343.2	3059.4
0°	581.4	647.8	703.6	772.4	862.2	1001.0	1196.6	1463.5	1837.3	2378.4	3117.4
-1.25°	579.5	645.8	701.5	769.8	858.5	995.0	1185.9	1448.4	1814.5	2343.2	3059.4
-2.5°	573.9	639.9	695.3	762.1	847.3	977.0	1154.1	1403.7	1746.6	2239.0	2897.0
-3.75°	564.7	630.0	686.0	749.4	828.9	947.4	1112.8	1332.7	1636.2	2070.4	2657.7
-5°	551.9	616.4	674.2	733.2	803.6	906.8	1057.9	1254.6	1513.1	1864.5	2347.2
-6.25°	535.7	599.1	659.4	714.0	779.5	864.4	991.6	1157.6	1377.6	1661.4	2040.5
-7.5°	516.1	578.4	640.1	691.0	751.2	823.6	926.4	1067.9	1245.8	1469.1	1751.8
-8.75°	479.8	554.3	614.6	669.0	721.7	783.4	862.0	975.1	1116.5	1291.1	1500.3
-10°	437.8	527.2	585.9	643.7	690.2	744.7	806.6	887.2	999.9	1132.9	1291.1
-11.25°	391.2	485.9	554.2	610.1	661.6	707.6	760.6	821.6	899.0	999.9	1116.5
-12.5°	340.4	432.4	519.7	573.8	626.6	672.1	716.5	766.0	821.6	887.2	975.1
-13.75°	286.4	374.8	462.3	535.0	585.8	635.0	675.6	716.5	760.6	806.6	862.0
-15°	232.3	313.6	398.2	480.5	542.7	589.8	635.0	672.1	707.6	744.7	783.4
-16.25°	180.8	252.5	330.6	409.9	486.6	542.7	585.8	626.6	661.6	690.2	721.7
-17.5°	134.3	193.6	262.7	336.3	409.9	480.5	535.0	573.8	610.1	643.7	669.0
-18.75°	97.0	140.2	197.8	262.7	330.6	398.2	462.3	519.7	554.2	585.9	614.6
-20°	80.1	98.5	140.2	193.6	252.5	313.6	374.8	432.4	485.9	527.2	554.3
-21.25°	72.1	80.1	97.0	134.3	180.8	232.3	286.4	340.4	391.2	437.8	479.8



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	67.4	71.7	77.8	93.4	122.6	159.8	204.3	250.7	295.4	339.5	379.3
-23.75°	63.3	66.9	70.5	75.8	87.4	105.1	135.6	170.5	207.2	244.6	279.5
-25°	59.2	62.6	65.9	69.0	73.3	79.2	91.4	109.4	134.4	161.0	189.6
-26.25°	55.6	58.4	61.5	64.5	67.3	70.1	74.2	79.6	89.7	99.8	119.3
-27.5°	51.9	54.6	57.2	59.8	62.6	65.2	67.6	69.9	73.2	76.3	82.3
-28.75°	48.7	50.8	53.3	55.7	57.9	60.3	62.6	64.8	66.8	68.6	70.3
-30°	47.4	48.3	49.4	51.6	53.8	55.8	57.7	59.6	61.5	63.2	64.8
-31.25°	46.0	46.9	47.7	48.5	49.6	51.6	53.4	55.1	56.6	58.0	59.4
-32.5°	45.1	45.5	46.3	47.0	47.7	48.4	49.0	50.6	52.1	53.4	54.6
-33.75°	44.4	44.8	45.2	45.6	46.2	46.9	47.5	48.0	48.5	49.0	50.0
-35°	43.8	44.1	44.5	44.8	45.2	45.5	45.9	46.4	46.9	47.3	47.7
-36.25°	43.1	43.4	43.8	44.1	44.4	44.7	45.0	45.2	45.4	45.7	46.1
-37.5°	42.4	42.7	43.1	43.4	43.7	43.9	44.2	44.4	44.6	44.8	45.0
-38.75°	41.7	42.0	42.4	42.7	42.9	43.2	43.4	43.6	43.8	44.0	44.2
-40°	41.0	41.3	41.6	41.9	42.2	42.4	42.7	42.9	43.1	43.2	43.4
-41.25°	40.2	40.6	40.9	41.2	41.4	41.7	41.9	42.1	42.3	42.5	42.6
-42.5°	39.5	39.8	40.1	40.4	40.6	40.9	41.1	41.3	41.5	41.7	41.8
-43.75°	38.8	39.1	39.3	39.6	39.9	40.1	40.3	40.5	40.7	40.8	41.0
-45°	38.3	38.5	38.7	38.9	39.1	39.3	39.5	39.7	39.9	40.0	40.1
-46.25°	37.8	38.0	38.1	38.3	38.5	38.6	38.8	38.9	39.0	39.2	39.3
-47.5°	37.7	37.7	37.7	37.8	37.9	38.1	38.2	38.3	38.4	38.5	38.6
-48.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.9	38.0
-50°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-51.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-52.5°	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-53.75°	37.0	37.2	37.3	37.4	37.5	37.6	37.7	37.7	37.7	37.7	37.7
-55°	36.3	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.4	37.5
-56.25°	34.8	35.2	35.6	35.9	36.2	36.5	36.7	36.8	36.8	36.9	37.0
-57.5°	33.3	33.6	34.0	34.3	34.6	34.9	35.2	35.4	35.6	35.8	36.0
-58.75°	32.0	32.3	32.6	32.8	33.1	33.3	33.6	33.8	34.0	34.2	34.4
-60°	30.7	31.0	31.3	31.5	31.7	31.9	32.1	32.3	32.5	32.6	32.8
-61.25°	28.8	29.3	29.7	30.0	30.4	30.6	30.8	31.0	31.1	31.3	31.4
-62.5°	26.8	27.2	27.6	27.9	28.3	28.6	28.9	29.1	29.4	29.6	29.8
-63.75°	24.7	25.1	25.5	25.8	26.1	26.4	26.7	26.9	27.2	27.4	27.6
-65°	22.7	23.0	23.4	23.7	24.0	24.3	24.5	24.8	25.0	25.2	25.3
-66.25°	20.7	21.0	21.3	21.6	21.8	22.1	22.4	22.6	22.8	23.0	23.1
-67.5°	18.9	19.2	19.4	19.7	19.9	20.1	20.3	20.5	20.7	20.8	21.0
-68.75°	17.1	17.4	17.6	17.8	18.1	18.3	18.5	18.6	18.8	18.9	19.0
-70°	15.6	15.8	16.0	16.2	16.4	16.5	16.7	16.8	17.0	17.1	17.2
-71.25°	14.0	14.2	14.4	14.6	14.7	14.9	15.0	15.2	15.3	15.4	15.5
-72.5°	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.8	13.9
-73.75°	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.7	12.8
-75°	11.3	11.4	11.4	11.5	11.5	11.6	11.6	11.6	11.7	11.7	11.7
-76.25°	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.2	11.2
-77.5°	10.1	10.2	10.2	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.7	9.7	9.7	9.8
-80°	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.8	8.8	8.9	8.9
-81.25°	7.4	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.8	7.8	7.8
-82.5°	6.3	6.4	6.4	6.5	6.5	6.6	6.6	6.6	6.7	6.7	6.7
-83.75°	5.3	5.3	5.3	5.4	5.4	5.5	5.5	5.5	5.5	5.6	5.6
-85°	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.4
-86.25°	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
86.25°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
83.75°	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
81.25°	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
80°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
78.75°	9.8	9.8	9.8	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.8
77.5°	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
76.25°	11.2	11.2	11.2	11.2	11.2	11.2	11.3	11.2	11.2	11.2	11.2
75°	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
73.75°	12.8	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.9	12.9	12.9
72.5°	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.0
71.25°	15.6	15.6	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.7	15.7
70°	17.3	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.4	17.4
68.75°	19.2	19.2	19.3	19.4	19.4	19.4	19.5	19.4	19.4	19.4	19.3
67.5°	21.1	21.2	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.3	21.3
66.25°	23.3	23.4	23.5	23.6	23.6	23.6	23.7	23.6	23.6	23.6	23.5
65°	25.5	25.6	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.8	25.7
63.75°	27.7	27.8	28.0	28.0	28.1	28.1	28.2	28.1	28.1	28.0	28.0
62.5°	29.9	30.1	30.2	30.3	30.3	30.4	30.4	30.4	30.3	30.3	30.2
61.25°	31.5	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.7	31.7
60°	32.9	33.0	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.1	33.1
58.75°	34.5	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.8	34.7
57.5°	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.5	36.4
56.25°	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.1	37.1	37.1	37.1
55°	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6
53.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
52.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
51.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
50°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
48.75°	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.2	38.2
47.5°	38.7	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.8	38.8
46.25°	39.4	39.5	39.6	39.7	39.7	39.7	39.8	39.7	39.7	39.7	39.6
45°	40.3	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.5	40.5
43.75°	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.4	41.4	41.4	41.3
42.5°	41.9	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.2	42.1
41.25°	42.7	42.9	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.0	42.9
40°	43.5	43.6	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.8	43.7
38.75°	44.3	44.5	44.6	44.6	44.7	44.7	44.8	44.7	44.7	44.6	44.6
37.5°	45.2	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.5	45.4
36.25°	46.4	46.7	46.9	47.1	47.2	47.3	47.3	47.3	47.2	47.1	46.9
35°	48.1	48.3	48.6	48.8	48.9	49.0	49.0	49.0	48.9	48.8	48.6



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	51.0	51.9	52.6	53.1	53.5	53.7	53.8	53.7	53.5	53.1	52.6
32.5°	55.7	56.6	57.3	57.9	58.3	58.5	58.6	58.5	58.3	57.9	57.3
31.25°	60.6	61.7	62.6	63.3	63.8	64.1	64.3	64.1	63.8	63.3	62.6
30°	66.1	67.3	68.2	68.9	69.5	69.8	69.9	69.8	69.5	68.9	68.2
28.75°	72.6	74.5	76.1	77.8	80.3	81.9	82.4	81.9	80.3	77.8	76.1
27.5°	89.1	94.9	102.2	111.2	117.6	121.5	122.8	121.5	117.6	111.2	102.2
26.25°	136.3	152.3	169.2	182.4	191.9	197.7	199.6	197.7	191.9	182.4	169.2
25°	214.7	239.4	260.1	276.3	288.0	295.0	297.4	295.0	288.0	276.3	260.1
23.75°	311.3	339.8	363.5	382.0	395.4	403.5	406.2	403.5	395.4	382.0	363.5
22.5°	414.4	444.6	469.6	489.3	503.5	512.0	514.9	512.0	503.5	489.3	469.6
21.25°	516.1	535.7	551.9	564.7	573.9	579.5	581.4	579.5	573.9	564.7	551.9
20°	578.4	599.1	616.4	630.0	639.9	645.8	647.8	645.8	639.9	630.0	616.4
18.75°	640.1	659.4	674.2	686.0	695.3	701.5	703.6	701.5	695.3	686.0	674.2
17.5°	691.0	714.0	733.2	749.4	762.1	769.8	772.4	769.8	762.1	749.4	733.2
16.25°	751.2	779.5	803.6	828.9	847.3	858.5	862.2	858.5	847.3	828.9	803.6
15°	823.6	864.4	906.8	947.4	977.0	995.0	1001.0	995.0	977.0	947.4	906.8
13.75°	926.4	991.6	1057.9	1112.8	1154.1	1185.9	1196.6	1185.9	1154.1	1112.8	1057.9
12.5°	1067.9	1157.6	1254.6	1332.7	1403.7	1448.4	1463.5	1448.4	1403.7	1332.7	1254.6
11.25°	1245.8	1377.6	1513.1	1636.2	1746.6	1814.5	1837.3	1814.5	1746.6	1636.2	1513.1
10°	1469.1	1661.4	1864.5	2070.4	2239.0	2343.2	2378.4	2343.2	2239.0	2070.4	1864.5
8.75°	1751.8	2040.5	2347.2	2657.7	2897.0	3059.4	3117.4	3059.4	2897.0	2657.7	2347.2
7.5°	2107.9	2521.3	2949.6	3360.3	3678.3	3889.8	3962.2	3889.8	3678.3	3360.3	2949.6
6.25°	2521.3	3064.7	3612.0	4113.6	4502.3	4750.4	4836.2	4750.4	4502.3	4113.6	3612.0
5°	2949.6	3612.0	4267.2	4838.2	5283.7	5573.0	5675.0	5573.0	5283.7	4838.2	4267.2
3.75°	3360.3	4113.6	4838.2	5474.7	5961.7	6278.1	6375.4	6278.1	5961.7	5474.7	4838.2
2.5°	3678.3	4502.3	5283.7	5961.7	6478.7	6809.0	6914.4	6809.0	6478.7	5961.7	5283.7
1.25°	3889.8	4750.4	5573.0	6278.1	6809.0	7145.3	7262.0	7145.3	6809.0	6278.1	5573.0
0°	3962.2	4836.2	5675.0	6375.4	6914.4	7262.0	7415.2	7262.0	6914.4	6375.4	5675.0
-1.25°	3889.8	4750.4	5573.0	6278.1	6809.0	7145.3	7262.0	7145.3	6809.0	6278.1	5573.0
-2.5°	3678.3	4502.3	5283.7	5961.7	6478.7	6809.0	6914.4	6809.0	6478.7	5961.7	5283.7
-3.75°	3360.3	4113.6	4838.2	5474.7	5961.7	6278.1	6375.4	6278.1	5961.7	5474.7	4838.2
-5°	2949.6	3612.0	4267.2	4838.2	5283.7	5573.0	5675.0	5573.0	5283.7	4838.2	4267.2
-6.25°	2521.3	3064.7	3612.0	4113.6	4502.3	4750.4	4836.2	4750.4	4502.3	4113.6	3612.0
-7.5°	2107.9	2521.3	2949.6	3360.3	3678.3	3889.8	3962.2	3889.8	3678.3	3360.3	2949.6
-8.75°	1751.8	2040.5	2347.2	2657.7	2897.0	3059.4	3117.4	3059.4	2897.0	2657.7	2347.2
-10°	1469.1	1661.4	1864.5	2070.4	2239.0	2343.2	2378.4	2343.2	2239.0	2070.4	1864.5
-11.25°	1245.8	1377.6	1513.1	1636.2	1746.6	1814.5	1837.3	1814.5	1746.6	1636.2	1513.1
-12.5°	1067.9	1157.6	1254.6	1332.7	1403.7	1448.4	1463.5	1448.4	1403.7	1332.7	1254.6
-13.75°	926.4	991.6	1057.9	1112.8	1154.1	1185.9	1196.6	1185.9	1154.1	1112.8	1057.9
-15°	823.6	864.4	906.8	947.4	977.0	995.0	1001.0	995.0	977.0	947.4	906.8
-16.25°	751.2	779.5	803.6	828.9	847.3	858.5	862.2	858.5	847.3	828.9	803.6
-17.5°	691.0	714.0	733.2	749.4	762.1	769.8	772.4	769.8	762.1	749.4	733.2
-18.75°	640.1	659.4	674.2	686.0	695.3	701.5	703.6	701.5	695.3	686.0	674.2
-20°	578.4	599.1	616.4	630.0	639.9	645.8	647.8	645.8	639.9	630.0	616.4
-21.25°	516.1	535.7	551.9	564.7	573.9	579.5	581.4	579.5	573.9	564.7	551.9





REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	414.4	444.6	469.6	489.3	503.5	512.0	514.9	512.0	503.5	489.3	469.6
-23.75°	311.3	339.8	363.5	382.0	395.4	403.5	406.2	403.5	395.4	382.0	363.5
-25°	214.7	239.4	260.1	276.3	288.0	295.0	297.4	295.0	288.0	276.3	260.1
-26.25°	136.3	152.3	169.2	182.4	191.9	197.7	199.6	197.7	191.9	182.4	169.2
-27.5°	89.1	94.9	102.2	111.2	117.6	121.5	122.8	121.5	117.6	111.2	102.2
-28.75°	72.6	74.5	76.1	77.8	80.3	81.9	82.4	81.9	80.3	77.8	76.1
-30°	66.1	67.3	68.2	68.9	69.5	69.8	69.9	69.8	69.5	68.9	68.2
-31.25°	60.6	61.7	62.6	63.3	63.8	64.1	64.3	64.1	63.8	63.3	62.6
-32.5°	55.7	56.6	57.3	57.9	58.3	58.5	58.6	58.5	58.3	57.9	57.3
-33.75°	51.0	51.9	52.6	53.1	53.5	53.7	53.8	53.7	53.5	53.1	52.6
-35°	48.1	48.3	48.6	48.8	48.9	49.0	49.0	49.0	48.9	48.8	48.6
-36.25°	46.4	46.7	46.9	47.1	47.2	47.3	47.3	47.3	47.2	47.1	46.9
-37.5°	45.2	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.5	45.4
-38.75°	44.3	44.5	44.6	44.6	44.7	44.7	44.8	44.7	44.7	44.6	44.6
-40°	43.5	43.6	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.8	43.7
-41.25°	42.7	42.9	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.0	42.9
-42.5°	41.9	42.0	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.2	42.1
-43.75°	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.4	41.4	41.4	41.3
-45°	40.3	40.4	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.5	40.5
-46.25°	39.4	39.5	39.6	39.7	39.7	39.7	39.8	39.7	39.7	39.7	39.6
-47.5°	38.7	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.8	38.8
-48.75°	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.2	38.2
-50°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-51.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-52.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-53.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-55°	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6
-56.25°	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.1	37.1	37.1	37.1
-57.5°	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.5	36.4
-58.75°	34.5	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.8	34.7
-60°	32.9	33.0	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.1	33.1
-61.25°	31.5	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.7	31.7
-62.5°	29.9	30.1	30.2	30.3	30.3	30.4	30.4	30.4	30.3	30.3	30.2
-63.75°	27.7	27.8	28.0	28.0	28.1	28.1	28.2	28.1	28.1	28.0	28.0
-65°	25.5	25.6	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.8	25.7
-66.25°	23.3	23.4	23.5	23.6	23.6	23.6	23.7	23.6	23.6	23.6	23.5
-67.5°	21.1	21.2	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.3	21.3
-68.75°	19.2	19.2	19.3	19.4	19.4	19.4	19.5	19.4	19.4	19.4	19.3
-70°	17.3	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.4	17.4
-71.25°	15.6	15.6	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.7	15.7
-72.5°	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.0
-73.75°	12.8	12.9	12.9	12.9	12.9	12.9	13.0	12.9	12.9	12.9	12.9
-75°	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
-76.25°	11.2	11.2	11.2	11.2	11.2	11.2	11.3	11.2	11.2	11.2	11.2
-77.5°	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	9.8	9.8	9.8	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.8
-80°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-81.25°	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
-82.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-83.75°	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.6	5.6	5.6	5.6
-85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-86.25°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
86.25°	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
83.75°	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.3
82.5°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4
81.25°	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5
80°	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.6	8.5
78.75°	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4
77.5°	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.2
76.25°	11.2	11.2	11.2	11.2	11.1	11.1	11.1	11.0	11.0	11.0	10.9
75°	11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.5	11.5	11.4
73.75°	12.9	12.8	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.2	12.1
72.5°	14.0	14.0	13.9	13.8	13.8	13.7	13.6	13.5	13.4	13.3	13.2
71.25°	15.6	15.6	15.5	15.4	15.3	15.2	15.0	14.9	14.7	14.6	14.4
70°	17.3	17.3	17.2	17.1	17.0	16.8	16.7	16.5	16.4	16.2	16.0
68.75°	19.2	19.2	19.0	18.9	18.8	18.6	18.5	18.3	18.1	17.8	17.6
67.5°	21.2	21.1	21.0	20.8	20.7	20.5	20.3	20.1	19.9	19.7	19.4
66.25°	23.4	23.3	23.1	23.0	22.8	22.6	22.4	22.1	21.8	21.6	21.3
65°	25.6	25.5	25.3	25.2	25.0	24.8	24.5	24.3	24.0	23.7	23.4
63.75°	27.8	27.7	27.6	27.4	27.2	26.9	26.7	26.4	26.1	25.8	25.5
62.5°	30.1	29.9	29.8	29.6	29.4	29.1	28.9	28.6	28.3	27.9	27.6
61.25°	31.6	31.5	31.4	31.3	31.1	31.0	30.8	30.6	30.4	30.0	29.7
60°	33.0	32.9	32.8	32.6	32.5	32.3	32.1	31.9	31.7	31.5	31.3
58.75°	34.6	34.5	34.4	34.2	34.0	33.8	33.6	33.3	33.1	32.8	32.6
57.5°	36.3	36.2	36.0	35.8	35.6	35.4	35.2	34.9	34.6	34.3	34.0
56.25°	37.1	37.0	37.0	36.9	36.8	36.8	36.7	36.5	36.2	35.9	35.6
55°	37.6	37.5	37.5	37.4	37.4	37.3	37.2	37.1	37.0	36.9	36.8
53.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.5	37.4	37.3
52.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
51.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
50°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
48.75°	38.2	38.1	38.0	37.9	37.8	37.7	37.7	37.7	37.7	37.7	37.7
47.5°	38.8	38.7	38.6	38.5	38.4	38.3	38.2	38.1	37.9	37.8	37.7
46.25°	39.5	39.4	39.3	39.2	39.0	38.9	38.8	38.6	38.5	38.3	38.1
45°	40.4	40.3	40.1	40.0	39.9	39.7	39.5	39.3	39.1	38.9	38.7
43.75°	41.2	41.1	41.0	40.8	40.7	40.5	40.3	40.1	39.9	39.6	39.3
42.5°	42.0	41.9	41.8	41.7	41.5	41.3	41.1	40.9	40.6	40.4	40.1
41.25°	42.9	42.7	42.6	42.5	42.3	42.1	41.9	41.7	41.4	41.2	40.9
40°	43.6	43.5	43.4	43.2	43.1	42.9	42.7	42.4	42.2	41.9	41.6
38.75°	44.5	44.3	44.2	44.0	43.8	43.6	43.4	43.2	42.9	42.7	42.4
37.5°	45.3	45.2	45.0	44.8	44.6	44.4	44.2	43.9	43.7	43.4	43.1
36.25°	46.7	46.4	46.1	45.7	45.4	45.2	45.0	44.7	44.4	44.1	43.8
35°	48.3	48.1	47.7	47.3	46.9	46.4	45.9	45.5	45.2	44.8	44.5



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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°	51.9	51.0	50.0	49.0	48.5	48.0	47.5	46.9	46.2	45.6	45.2
32.5°	56.6	55.7	54.6	53.4	52.1	50.6	49.0	48.4	47.7	47.0	46.3
31.25°	61.7	60.6	59.4	58.0	56.6	55.1	53.4	51.6	49.6	48.5	47.7
30°	67.3	66.1	64.8	63.2	61.5	59.6	57.7	55.8	53.8	51.6	49.4
28.75°	74.5	72.6	70.3	68.6	66.8	64.8	62.6	60.3	57.9	55.7	53.3
27.5°	94.9	89.1	82.3	76.3	73.2	69.9	67.6	65.2	62.6	59.8	57.2
26.25°	152.3	136.3	119.3	99.8	89.7	79.6	74.2	70.1	67.3	64.5	61.5
25°	239.4	214.7	189.6	161.0	134.4	109.4	91.4	79.2	73.3	69.0	65.9
23.75°	339.8	311.3	279.5	244.6	207.2	170.5	135.6	105.1	87.4	75.8	70.5
22.5°	444.6	414.4	379.3	339.5	295.4	250.7	204.3	159.8	122.6	93.4	77.8
21.25°	535.7	516.1	479.8	437.8	391.2	340.4	286.4	232.3	180.8	134.3	97.0
20°	599.1	578.4	554.3	527.2	485.9	432.4	374.8	313.6	252.5	193.6	140.2
18.75°	659.4	640.1	614.6	585.9	554.2	519.7	462.3	398.2	330.6	262.7	197.8
17.5°	714.0	691.0	669.0	643.7	610.1	573.8	535.0	480.5	409.9	336.3	262.7
16.25°	779.5	751.2	721.7	690.2	661.6	626.6	585.8	542.7	486.6	409.9	330.6
15°	864.4	823.6	783.4	744.7	707.6	672.1	635.0	589.8	542.7	480.5	398.2
13.75°	991.6	926.4	862.0	806.6	760.6	716.5	675.6	635.0	585.8	535.0	462.3
12.5°	1157.6	1067.9	975.1	887.2	821.6	766.0	716.5	672.1	626.6	573.8	519.7
11.25°	1377.6	1245.8	1116.5	999.9	899.0	821.6	760.6	707.6	661.6	610.1	554.2
10°	1661.4	1469.1	1291.1	1132.9	999.9	887.2	806.6	744.7	690.2	643.7	585.9
8.75°	2040.5	1751.8	1500.3	1291.1	1116.5	975.1	862.0	783.4	721.7	669.0	614.6
7.5°	2521.3	2107.9	1751.8	1469.1	1245.8	1067.9	926.4	823.6	751.2	691.0	640.1
6.25°	3064.7	2521.3	2040.5	1661.4	1377.6	1157.6	991.6	864.4	779.5	714.0	659.4
5°	3612.0	2949.6	2347.2	1864.5	1513.1	1254.6	1057.9	906.8	803.6	733.2	674.2
3.75°	4113.6	3360.3	2657.7	2070.4	1636.2	1332.7	1112.8	947.4	828.9	749.4	686.0
2.5°	4502.3	3678.3	2897.0	2239.0	1746.6	1403.7	1154.1	977.0	847.3	762.1	695.3
1.25°	4750.4	3889.8	3059.4	2343.2	1814.5	1448.4	1185.9	995.0	858.5	769.8	701.5
0°	4836.2	3962.2	3117.4	2378.4	1837.3	1463.5	1196.6	1001.0	862.2	772.4	703.6
-1.25°	4750.4	3889.8	3059.4	2343.2	1814.5	1448.4	1185.9	995.0	858.5	769.8	701.5
-2.5°	4502.3	3678.3	2897.0	2239.0	1746.6	1403.7	1154.1	977.0	847.3	762.1	695.3
-3.75°	4113.6	3360.3	2657.7	2070.4	1636.2	1332.7	1112.8	947.4	828.9	749.4	686.0
-5°	3612.0	2949.6	2347.2	1864.5	1513.1	1254.6	1057.9	906.8	803.6	733.2	674.2
-6.25°	3064.7	2521.3	2040.5	1661.4	1377.6	1157.6	991.6	864.4	779.5	714.0	659.4
-7.5°	2521.3	2107.9	1751.8	1469.1	1245.8	1067.9	926.4	823.6	751.2	691.0	640.1
-8.75°	2040.5	1751.8	1500.3	1291.1	1116.5	975.1	862.0	783.4	721.7	669.0	614.6
-10°	1661.4	1469.1	1291.1	1132.9	999.9	887.2	806.6	744.7	690.2	643.7	585.9
-11.25°	1377.6	1245.8	1116.5	999.9	899.0	821.6	760.6	707.6	661.6	610.1	554.2
-12.5°	1157.6	1067.9	975.1	887.2	821.6	766.0	716.5	672.1	626.6	573.8	519.7
-13.75°	991.6	926.4	862.0	806.6	760.6	716.5	675.6	635.0	585.8	535.0	462.3
-15°	864.4	823.6	783.4	744.7	707.6	672.1	635.0	589.8	542.7	480.5	398.2
-16.25°	779.5	751.2	721.7	690.2	661.6	626.6	585.8	542.7	486.6	409.9	330.6
-17.5°	714.0	691.0	669.0	643.7	610.1	573.8	535.0	480.5	409.9	336.3	262.7
-18.75°	659.4	640.1	614.6	585.9	554.2	519.7	462.3	398.2	330.6	262.7	197.8
-20°	599.1	578.4	554.3	527.2	485.9	432.4	374.8	313.6	252.5	193.6	140.2
-21.25°	535.7	516.1	479.8	437.8	391.2	340.4	286.4	232.3	180.8	134.3	97.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	444.6	414.4	379.3	339.5	295.4	250.7	204.3	159.8	122.6	93.4	77.8
-23.75°	339.8	311.3	279.5	244.6	207.2	170.5	135.6	105.1	87.4	75.8	70.5
-25°	239.4	214.7	189.6	161.0	134.4	109.4	91.4	79.2	73.3	69.0	65.9
-26.25°	152.3	136.3	119.3	99.8	89.7	79.6	74.2	70.1	67.3	64.5	61.5
-27.5°	94.9	89.1	82.3	76.3	73.2	69.9	67.6	65.2	62.6	59.8	57.2
-28.75°	74.5	72.6	70.3	68.6	66.8	64.8	62.6	60.3	57.9	55.7	53.3
-30°	67.3	66.1	64.8	63.2	61.5	59.6	57.7	55.8	53.8	51.6	49.4
-31.25°	61.7	60.6	59.4	58.0	56.6	55.1	53.4	51.6	49.6	48.5	47.7
-32.5°	56.6	55.7	54.6	53.4	52.1	50.6	49.0	48.4	47.7	47.0	46.3
-33.75°	51.9	51.0	50.0	49.0	48.5	48.0	47.5	46.9	46.2	45.6	45.2
-35°	48.3	48.1	47.7	47.3	46.9	46.4	45.9	45.5	45.2	44.8	44.5
-36.25°	46.7	46.4	46.1	45.7	45.4	45.2	45.0	44.7	44.4	44.1	43.8
-37.5°	45.3	45.2	45.0	44.8	44.6	44.4	44.2	43.9	43.7	43.4	43.1
-38.75°	44.5	44.3	44.2	44.0	43.8	43.6	43.4	43.2	42.9	42.7	42.4
-40°	43.6	43.5	43.4	43.2	43.1	42.9	42.7	42.4	42.2	41.9	41.6
-41.25°	42.9	42.7	42.6	42.5	42.3	42.1	41.9	41.7	41.4	41.2	40.9
-42.5°	42.0	41.9	41.8	41.7	41.5	41.3	41.1	40.9	40.6	40.4	40.1
-43.75°	41.2	41.1	41.0	40.8	40.7	40.5	40.3	40.1	39.9	39.6	39.3
-45°	40.4	40.3	40.1	40.0	39.9	39.7	39.5	39.3	39.1	38.9	38.7
-46.25°	39.5	39.4	39.3	39.2	39.0	38.9	38.8	38.6	38.5	38.3	38.1
-47.5°	38.8	38.7	38.6	38.5	38.4	38.3	38.2	38.1	37.9	37.8	37.7
-48.75°	38.2	38.1	38.0	37.9	37.8	37.7	37.7	37.7	37.7	37.7	37.7
-50°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-51.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-52.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-53.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.5	37.4	37.3
-55°	37.6	37.5	37.5	37.4	37.4	37.3	37.2	37.1	37.0	36.9	36.8
-56.25°	37.1	37.0	37.0	36.9	36.8	36.8	36.7	36.5	36.2	35.9	35.6
-57.5°	36.3	36.2	36.0	35.8	35.6	35.4	35.2	34.9	34.6	34.3	34.0
-58.75°	34.6	34.5	34.4	34.2	34.0	33.8	33.6	33.3	33.1	32.8	32.6
-60°	33.0	32.9	32.8	32.6	32.5	32.3	32.1	31.9	31.7	31.5	31.3
-61.25°	31.6	31.5	31.4	31.3	31.1	31.0	30.8	30.6	30.4	30.0	29.7
-62.5°	30.1	29.9	29.8	29.6	29.4	29.1	28.9	28.6	28.3	27.9	27.6
-63.75°	27.8	27.7	27.6	27.4	27.2	26.9	26.7	26.4	26.1	25.8	25.5
-65°	25.6	25.5	25.3	25.2	25.0	24.8	24.5	24.3	24.0	23.7	23.4
-66.25°	23.4	23.3	23.1	23.0	22.8	22.6	22.4	22.1	21.8	21.6	21.3
-67.5°	21.2	21.1	21.0	20.8	20.7	20.5	20.3	20.1	19.9	19.7	19.4
-68.75°	19.2	19.2	19.0	18.9	18.8	18.6	18.5	18.3	18.1	17.8	17.6
-70°	17.3	17.3	17.2	17.1	17.0	16.8	16.7	16.5	16.4	16.2	16.0
-71.25°	15.6	15.6	15.5	15.4	15.3	15.2	15.0	14.9	14.7	14.6	14.4
-72.5°	14.0	14.0	13.9	13.8	13.8	13.7	13.6	13.5	13.4	13.3	13.2
-73.75°	12.9	12.8	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.2	12.1
-75°	11.8	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.5	11.5	11.4
-76.25°	11.2	11.2	11.2	11.2	11.1	11.1	11.1	11.0	11.0	11.0	10.9
-77.5°	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.4	10.4	10.3	10.2



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	9.8	9.8	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5	9.4
-80°	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.7	8.6	8.6	8.5
-81.25°	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.6	7.5	7.5
-82.5°	6.8	6.7	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.5	6.4
-83.75°	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4	5.4	5.3
-85°	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2
-86.25°	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4
85°	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.7	3.7	3.6
83.75°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
82.5°	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7
81.25°	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8	6.7
80°	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.6
78.75°	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.6	8.5
77.5°	10.2	10.1	10.0	10.0	9.9	9.8	9.7	9.6	9.5	9.5	9.4
76.25°	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1
75°	11.4	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
73.75°	12.0	11.9	11.8	11.7	11.7	11.6	11.5	11.4	11.4	11.3	11.2
72.5°	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.1	11.9	11.8	11.7
71.25°	14.2	14.0	13.9	13.7	13.6	13.4	13.2	13.1	12.9	12.7	12.5
70°	15.8	15.6	15.4	15.1	14.9	14.6	14.3	14.1	13.9	13.6	13.4
68.75°	17.4	17.1	16.9	16.6	16.4	16.1	15.8	15.5	15.2	14.8	14.5
67.5°	19.2	18.9	18.6	18.3	18.0	17.6	17.3	17.0	16.6	16.3	15.9
66.25°	21.0	20.7	20.4	20.0	19.7	19.3	19.0	18.6	18.1	17.7	17.3
65°	23.0	22.7	22.3	21.9	21.4	21.0	20.6	20.2	19.8	19.3	18.9
63.75°	25.1	24.7	24.3	23.9	23.4	23.0	22.5	22.0	21.4	21.0	20.5
62.5°	27.2	26.8	26.4	25.9	25.4	24.9	24.4	23.9	23.3	22.8	22.2
61.25°	29.3	28.8	28.4	27.9	27.4	26.9	26.4	25.8	25.2	24.6	24.0
60°	31.0	30.7	30.4	29.9	29.4	28.9	28.3	27.7	27.1	26.5	25.8
58.75°	32.3	32.0	31.7	31.4	31.0	30.7	30.2	29.6	29.0	28.3	27.6
57.5°	33.6	33.3	32.9	32.6	32.2	31.9	31.5	31.1	30.7	30.1	29.4
56.25°	35.2	34.8	34.4	34.0	33.5	33.1	32.7	32.2	31.8	31.4	30.9
55°	36.7	36.3	35.9	35.5	35.0	34.5	34.0	33.5	33.0	32.5	32.0
53.75°	37.2	37.0	36.9	36.7	36.5	36.0	35.4	34.9	34.3	33.7	33.1
52.5°	37.7	37.5	37.4	37.2	37.0	36.9	36.7	36.3	35.7	35.1	34.4
51.25°	37.7	37.7	37.7	37.7	37.5	37.3	37.1	36.9	36.7	36.4	35.7
50°	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.4	37.2	37.0	36.7
48.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.4	37.2
47.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6
46.25°	38.0	37.8	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
45°	38.5	38.3	38.1	37.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7
43.75°	39.1	38.8	38.6	38.4	38.1	37.9	37.7	37.7	37.7	37.7	37.7
42.5°	39.8	39.5	39.2	38.9	38.6	38.4	38.1	37.8	37.7	37.7	37.7
41.25°	40.6	40.2	39.9	39.6	39.2	38.9	38.6	38.3	38.0	37.7	37.7
40°	41.3	41.0	40.6	40.3	39.9	39.5	39.1	38.8	38.4	38.1	37.8
38.75°	42.0	41.7	41.3	41.0	40.6	40.2	39.8	39.3	38.9	38.6	38.2
37.5°	42.7	42.4	42.1	41.7	41.3	40.8	40.4	40.0	39.5	39.0	38.7
36.25°	43.4	43.1	42.7	42.3	41.9	41.5	41.1	40.6	40.1	39.6	39.1
35°	44.1	43.8	43.4	43.0	42.6	42.2	41.7	41.2	40.7	40.2	39.7



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	44.8	44.4	44.0	43.6	43.2	42.8	42.3	41.8	41.3	40.8	40.3
32.5°	45.5	45.1	44.7	44.3	43.8	43.4	42.9	42.4	41.9	41.4	40.8
31.25°	46.9	46.0	45.4	44.9	44.4	43.9	43.5	43.0	42.5	41.9	41.4
30°	48.3	47.4	46.5	45.6	45.1	44.6	44.0	43.5	43.0	42.5	41.9
28.75°	50.8	48.7	47.8	46.8	45.8	45.2	44.6	44.1	43.5	43.0	42.4
27.5°	54.6	51.9	49.1	48.0	47.0	45.9	45.2	44.6	44.0	43.5	42.9
26.25°	58.4	55.6	52.7	49.7	48.1	47.0	45.9	45.2	44.6	43.9	43.4
25°	62.6	59.2	56.1	53.0	49.9	48.1	47.0	45.8	45.1	44.4	43.8
23.75°	66.9	63.3	59.7	56.3	53.0	49.7	48.0	46.8	45.6	44.9	44.3
22.5°	71.7	67.4	63.6	59.7	56.1	52.7	49.1	47.8	46.5	45.4	44.7
21.25°	80.1	72.1	67.4	63.3	59.2	55.6	51.9	48.7	47.4	46.0	45.1
20°	98.5	80.1	71.7	66.9	62.6	58.4	54.6	50.8	48.3	46.9	45.5
18.75°	140.2	97.0	77.8	70.5	65.9	61.5	57.2	53.3	49.4	47.7	46.3
17.5°	193.6	134.3	93.4	75.8	69.0	64.5	59.8	55.7	51.6	48.5	47.0
16.25°	252.5	180.8	122.6	87.4	73.3	67.3	62.6	57.9	53.8	49.6	47.7
15°	313.6	232.3	159.8	105.1	79.2	70.1	65.2	60.3	55.8	51.6	48.4
13.75°	374.8	286.4	204.3	135.6	91.4	74.2	67.6	62.6	57.7	53.4	49.0
12.5°	432.4	340.4	250.7	170.5	109.4	79.6	69.9	64.8	59.6	55.1	50.6
11.25°	485.9	391.2	295.4	207.2	134.4	89.7	73.2	66.8	61.5	56.6	52.1
10°	527.2	437.8	339.5	244.6	161.0	99.8	76.3	68.6	63.2	58.0	53.4
8.75°	554.3	479.8	379.3	279.5	189.6	119.3	82.3	70.3	64.8	59.4	54.6
7.5°	578.4	516.1	414.4	311.3	214.7	136.3	89.1	72.6	66.1	60.6	55.7
6.25°	599.1	535.7	444.6	339.8	239.4	152.3	94.9	74.5	67.3	61.7	56.6
5°	616.4	551.9	469.6	363.5	260.1	169.2	102.2	76.1	68.2	62.6	57.3
3.75°	630.0	564.7	489.3	382.0	276.3	182.4	111.2	77.8	68.9	63.3	57.9
2.5°	639.9	573.9	503.5	395.4	288.0	191.9	117.6	80.3	69.5	63.8	58.3
1.25°	645.8	579.5	512.0	403.5	295.0	197.7	121.5	81.9	69.8	64.1	58.5
0°	647.8	581.4	514.9	406.2	297.4	199.6	122.8	82.4	69.9	64.3	58.6
-1.25°	645.8	579.5	512.0	403.5	295.0	197.7	121.5	81.9	69.8	64.1	58.5
-2.5°	639.9	573.9	503.5	395.4	288.0	191.9	117.6	80.3	69.5	63.8	58.3
-3.75°	630.0	564.7	489.3	382.0	276.3	182.4	111.2	77.8	68.9	63.3	57.9
-5°	616.4	551.9	469.6	363.5	260.1	169.2	102.2	76.1	68.2	62.6	57.3
-6.25°	599.1	535.7	444.6	339.8	239.4	152.3	94.9	74.5	67.3	61.7	56.6
-7.5°	578.4	516.1	414.4	311.3	214.7	136.3	89.1	72.6	66.1	60.6	55.7
-8.75°	554.3	479.8	379.3	279.5	189.6	119.3	82.3	70.3	64.8	59.4	54.6
-10°	527.2	437.8	339.5	244.6	161.0	99.8	76.3	68.6	63.2	58.0	53.4
-11.25°	485.9	391.2	295.4	207.2	134.4	89.7	73.2	66.8	61.5	56.6	52.1
-12.5°	432.4	340.4	250.7	170.5	109.4	79.6	69.9	64.8	59.6	55.1	50.6
-13.75°	374.8	286.4	204.3	135.6	91.4	74.2	67.6	62.6	57.7	53.4	49.0
-15°	313.6	232.3	159.8	105.1	79.2	70.1	65.2	60.3	55.8	51.6	48.4
-16.25°	252.5	180.8	122.6	87.4	73.3	67.3	62.6	57.9	53.8	49.6	47.7
-17.5°	193.6	134.3	93.4	75.8	69.0	64.5	59.8	55.7	51.6	48.5	47.0
-18.75°	140.2	97.0	77.8	70.5	65.9	61.5	57.2	53.3	49.4	47.7	46.3
-20°	98.5	80.1	71.7	66.9	62.6	58.4	54.6	50.8	48.3	46.9	45.5
-21.25°	80.1	72.1	67.4	63.3	59.2	55.6	51.9	48.7	47.4	46.0	45.1





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	71.7	67.4	63.6	59.7	56.1	52.7	49.1	47.8	46.5	45.4	44.7
-23.75°	66.9	63.3	59.7	56.3	53.0	49.7	48.0	46.8	45.6	44.9	44.3
-25°	62.6	59.2	56.1	53.0	49.9	48.1	47.0	45.8	45.1	44.4	43.8
-26.25°	58.4	55.6	52.7	49.7	48.1	47.0	45.9	45.2	44.6	43.9	43.4
-27.5°	54.6	51.9	49.1	48.0	47.0	45.9	45.2	44.6	44.0	43.5	42.9
-28.75°	50.8	48.7	47.8	46.8	45.8	45.2	44.6	44.1	43.5	43.0	42.4
-30°	48.3	47.4	46.5	45.6	45.1	44.6	44.0	43.5	43.0	42.5	41.9
-31.25°	46.9	46.0	45.4	44.9	44.4	43.9	43.5	43.0	42.5	41.9	41.4
-32.5°	45.5	45.1	44.7	44.3	43.8	43.4	42.9	42.4	41.9	41.4	40.8
-33.75°	44.8	44.4	44.0	43.6	43.2	42.8	42.3	41.8	41.3	40.8	40.3
-35°	44.1	43.8	43.4	43.0	42.6	42.2	41.7	41.2	40.7	40.2	39.7
-36.25°	43.4	43.1	42.7	42.3	41.9	41.5	41.1	40.6	40.1	39.6	39.1
-37.5°	42.7	42.4	42.1	41.7	41.3	40.8	40.4	40.0	39.5	39.0	38.7
-38.75°	42.0	41.7	41.3	41.0	40.6	40.2	39.8	39.3	38.9	38.6	38.2
-40°	41.3	41.0	40.6	40.3	39.9	39.5	39.1	38.8	38.4	38.1	37.8
-41.25°	40.6	40.2	39.9	39.6	39.2	38.9	38.6	38.3	38.0	37.7	37.7
-42.5°	39.8	39.5	39.2	38.9	38.6	38.4	38.1	37.8	37.7	37.7	37.7
-43.75°	39.1	38.8	38.6	38.4	38.1	37.9	37.7	37.7	37.7	37.7	37.7
-45°	38.5	38.3	38.1	37.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-46.25°	38.0	37.8	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
-47.5°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6
-48.75°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.4	37.2
-50°	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.4	37.2	37.0	36.7
-51.25°	37.7	37.7	37.7	37.7	37.5	37.3	37.1	36.9	36.7	36.4	35.7
-52.5°	37.7	37.5	37.4	37.2	37.0	36.9	36.7	36.3	35.7	35.1	34.4
-53.75°	37.2	37.0	36.9	36.7	36.5	36.0	35.4	34.9	34.3	33.7	33.1
-55°	36.7	36.3	35.9	35.5	35.0	34.5	34.0	33.5	33.0	32.5	32.0
-56.25°	35.2	34.8	34.4	34.0	33.5	33.1	32.7	32.2	31.8	31.4	30.9
-57.5°	33.6	33.3	32.9	32.6	32.2	31.9	31.5	31.1	30.7	30.1	29.4
-58.75°	32.3	32.0	31.7	31.4	31.0	30.7	30.2	29.6	29.0	28.3	27.6
-60°	31.0	30.7	30.4	29.9	29.4	28.9	28.3	27.7	27.1	26.5	25.8
-61.25°	29.3	28.8	28.4	27.9	27.4	26.9	26.4	25.8	25.2	24.6	24.0
-62.5°	27.2	26.8	26.4	25.9	25.4	24.9	24.4	23.9	23.3	22.8	22.2
-63.75°	25.1	24.7	24.3	23.9	23.4	23.0	22.5	22.0	21.4	21.0	20.5
-65°	23.0	22.7	22.3	21.9	21.4	21.0	20.6	20.2	19.8	19.3	18.9
-66.25°	21.0	20.7	20.4	20.0	19.7	19.3	19.0	18.6	18.1	17.7	17.3
-67.5°	19.2	18.9	18.6	18.3	18.0	17.6	17.3	17.0	16.6	16.3	15.9
-68.75°	17.4	17.1	16.9	16.6	16.4	16.1	15.8	15.5	15.2	14.8	14.5
-70°	15.8	15.6	15.4	15.1	14.9	14.6	14.3	14.1	13.9	13.6	13.4
-71.25°	14.2	14.0	13.9	13.7	13.6	13.4	13.2	13.1	12.9	12.7	12.5
-72.5°	13.1	13.0	12.8	12.7	12.5	12.4	12.2	12.1	11.9	11.8	11.7
-73.75°	12.0	11.9	11.8	11.7	11.7	11.6	11.5	11.4	11.4	11.3	11.2
-75°	11.4	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
-76.25°	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.3	10.2	10.1
-77.5°	10.2	10.1	10.0	10.0	9.9	9.8	9.7	9.6	9.5	9.5	9.4



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	9.4	9.3	9.3	9.2	9.1	9.1	9.0	8.9	8.8	8.6	8.5
-80°	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.6
-81.25°	7.4	7.4	7.3	7.2	7.2	7.1	7.0	6.9	6.9	6.8	6.7
-82.5°	6.4	6.3	6.3	6.2	6.2	6.1	6.0	5.9	5.9	5.8	5.7
-83.75°	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.7
-85°	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.7	3.7	3.6
-86.25°	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.4
-87.5°	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
86.25°	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8
85°	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8
83.75°	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	3.8	3.7
82.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7
81.25°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.6	5.5
80°	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4	6.2
78.75°	8.4	8.3	8.2	8.0	7.9	7.8	7.6	7.5	7.3	7.2	7.0
77.5°	9.2	9.1	9.0	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.8
76.25°	10.0	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9	8.7	8.5
75°	10.7	10.5	10.4	10.3	10.1	10.0	9.8	9.7	9.5	9.4	9.2
73.75°	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.3	10.1	10.0	9.8
72.5°	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4
71.25°	12.3	12.0	11.8	11.7	11.6	11.5	11.4	11.2	11.1	11.0	10.9
70°	13.2	13.0	12.7	12.5	12.2	12.0	11.8	11.6	11.5	11.4	11.2
68.75°	14.2	13.9	13.6	13.4	13.1	12.8	12.5	12.3	12.0	11.7	11.6
67.5°	15.5	15.1	14.7	14.3	14.0	13.7	13.4	13.1	12.8	12.4	12.1
66.25°	16.9	16.5	16.1	15.6	15.2	14.7	14.3	13.9	13.6	13.2	12.9
65°	18.4	17.9	17.4	16.9	16.5	16.0	15.5	15.0	14.5	14.0	13.6
63.75°	20.0	19.4	18.9	18.3	17.8	17.2	16.7	16.2	15.6	15.1	14.5
62.5°	21.5	21.0	20.4	19.8	19.2	18.6	18.0	17.4	16.8	16.2	15.6
61.25°	23.3	22.7	22.0	21.3	20.7	20.0	19.4	18.7	18.0	17.3	16.7
60°	25.1	24.4	23.7	23.0	22.2	21.4	20.7	20.0	19.3	18.6	17.9
58.75°	26.9	26.2	25.4	24.6	23.9	23.0	22.2	21.4	20.6	19.9	19.1
57.5°	28.7	27.9	27.1	26.3	25.5	24.6	23.8	22.9	22.0	21.1	20.3
56.25°	30.4	29.6	28.8	28.0	27.1	26.2	25.3	24.4	23.5	22.5	21.6
55°	31.5	31.0	30.5	29.6	28.7	27.8	26.9	25.9	25.0	24.0	23.0
53.75°	32.6	32.0	31.5	30.9	30.3	29.4	28.4	27.4	26.4	25.4	24.3
52.5°	33.8	33.1	32.5	31.9	31.3	30.7	29.9	28.9	27.9	26.8	25.7
51.25°	35.1	34.4	33.6	32.9	32.3	31.7	31.0	30.4	29.3	28.2	27.1
50°	36.3	35.6	34.9	34.1	33.3	32.6	32.0	31.3	30.6	29.6	28.4
48.75°	36.9	36.7	36.1	35.3	34.5	33.7	32.9	32.2	31.5	30.7	29.7
47.5°	37.3	37.1	36.8	36.5	35.6	34.8	33.9	33.1	32.3	31.6	30.8
46.25°	37.7	37.5	37.2	36.9	36.7	35.9	35.0	34.1	33.2	32.4	31.6
45°	37.7	37.7	37.6	37.3	37.0	36.7	36.1	35.1	34.2	33.2	32.4
43.75°	37.7	37.7	37.7	37.7	37.4	37.1	36.8	36.2	35.2	34.2	33.2
42.5°	37.7	37.7	37.7	37.7	37.7	37.4	37.1	36.8	36.2	35.1	34.1
41.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.4	37.1	36.8	36.1	35.0
40°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.4	37.1	36.7	35.9
38.75°	37.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.4	37.0	36.7
37.5°	38.3	38.0	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.3	36.9
36.25°	38.7	38.3	38.0	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.2
35°	39.2	38.7	38.3	38.0	37.7	37.7	37.7	37.7	37.7	37.7	37.5



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	39.7	39.2	38.7	38.3	37.9	37.7	37.7	37.7	37.7	37.7	37.7
32.5°	40.3	39.7	39.1	38.7	38.2	37.8	37.7	37.7	37.7	37.7	37.7
31.25°	40.8	40.2	39.6	39.0	38.6	38.1	37.7	37.7	37.7	37.7	37.7
30°	41.3	40.7	40.1	39.5	38.9	38.4	38.0	37.7	37.7	37.7	37.7
28.75°	41.8	41.2	40.6	40.0	39.3	38.8	38.3	37.8	37.7	37.7	37.7
27.5°	42.3	41.7	41.1	40.4	39.8	39.1	38.6	38.1	37.7	37.7	37.7
26.25°	42.8	42.2	41.5	40.8	40.2	39.5	38.9	38.4	37.9	37.7	37.7
25°	43.2	42.6	41.9	41.3	40.6	39.9	39.2	38.6	38.1	37.7	37.7
23.75°	43.6	43.0	42.3	41.7	41.0	40.3	39.6	38.9	38.4	37.9	37.7
22.5°	44.0	43.4	42.7	42.1	41.3	40.6	39.9	39.2	38.6	38.1	37.7
21.25°	44.4	43.8	43.1	42.4	41.7	41.0	40.2	39.5	38.8	38.3	37.8
20°	44.8	44.1	43.4	42.7	42.0	41.3	40.6	39.8	39.1	38.5	38.0
18.75°	45.2	44.5	43.8	43.1	42.4	41.6	40.9	40.1	39.3	38.7	38.1
17.5°	45.6	44.8	44.1	43.4	42.7	41.9	41.2	40.4	39.6	38.9	38.3
16.25°	46.2	45.2	44.4	43.7	42.9	42.2	41.4	40.6	39.9	39.1	38.5
15°	46.9	45.5	44.7	43.9	43.2	42.4	41.7	40.9	40.1	39.3	38.6
13.75°	47.5	45.9	45.0	44.2	43.4	42.7	41.9	41.1	40.3	39.5	38.8
12.5°	48.0	46.4	45.2	44.4	43.6	42.9	42.1	41.3	40.5	39.7	38.9
11.25°	48.5	46.9	45.4	44.6	43.8	43.1	42.3	41.5	40.7	39.9	39.0
10°	49.0	47.3	45.7	44.8	44.0	43.2	42.5	41.7	40.8	40.0	39.2
8.75°	50.0	47.7	46.1	45.0	44.2	43.4	42.6	41.8	41.0	40.1	39.3
7.5°	51.0	48.1	46.4	45.2	44.3	43.5	42.7	41.9	41.1	40.3	39.4
6.25°	51.9	48.3	46.7	45.3	44.5	43.6	42.9	42.0	41.2	40.4	39.5
5°	52.6	48.6	46.9	45.4	44.6	43.7	42.9	42.1	41.3	40.5	39.6
3.75°	53.1	48.8	47.1	45.5	44.6	43.8	43.0	42.2	41.4	40.5	39.7
2.5°	53.5	48.9	47.2	45.6	44.7	43.9	43.1	42.3	41.4	40.6	39.7
1.25°	53.7	49.0	47.3	45.6	44.7	43.9	43.1	42.3	41.4	40.6	39.7
0°	53.8	49.0	47.3	45.6	44.8	43.9	43.1	42.3	41.5	40.6	39.8
-1.25°	53.7	49.0	47.3	45.6	44.7	43.9	43.1	42.3	41.4	40.6	39.7
-2.5°	53.5	48.9	47.2	45.6	44.7	43.9	43.1	42.3	41.4	40.6	39.7
-3.75°	53.1	48.8	47.1	45.5	44.6	43.8	43.0	42.2	41.4	40.5	39.7
-5°	52.6	48.6	46.9	45.4	44.6	43.7	42.9	42.1	41.3	40.5	39.6
-6.25°	51.9	48.3	46.7	45.3	44.5	43.6	42.9	42.0	41.2	40.4	39.5
-7.5°	51.0	48.1	46.4	45.2	44.3	43.5	42.7	41.9	41.1	40.3	39.4
-8.75°	50.0	47.7	46.1	45.0	44.2	43.4	42.6	41.8	41.0	40.1	39.3
-10°	49.0	47.3	45.7	44.8	44.0	43.2	42.5	41.7	40.8	40.0	39.2
-11.25°	48.5	46.9	45.4	44.6	43.8	43.1	42.3	41.5	40.7	39.9	39.0
-12.5°	48.0	46.4	45.2	44.4	43.6	42.9	42.1	41.3	40.5	39.7	38.9
-13.75°	47.5	45.9	45.0	44.2	43.4	42.7	41.9	41.1	40.3	39.5	38.8
-15°	46.9	45.5	44.7	43.9	43.2	42.4	41.7	40.9	40.1	39.3	38.6
-16.25°	46.2	45.2	44.4	43.7	42.9	42.2	41.4	40.6	39.9	39.1	38.5
-17.5°	45.6	44.8	44.1	43.4	42.7	41.9	41.2	40.4	39.6	38.9	38.3
-18.75°	45.2	44.5	43.8	43.1	42.4	41.6	40.9	40.1	39.3	38.7	38.1
-20°	44.8	44.1	43.4	42.7	42.0	41.3	40.6	39.8	39.1	38.5	38.0
-21.25°	44.4	43.8	43.1	42.4	41.7	41.0	40.2	39.5	38.8	38.3	37.8



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	44.0	43.4	42.7	42.1	41.3	40.6	39.9	39.2	38.6	38.1	37.7
-23.75°	43.6	43.0	42.3	41.7	41.0	40.3	39.6	38.9	38.4	37.9	37.7
-25°	43.2	42.6	41.9	41.3	40.6	39.9	39.2	38.6	38.1	37.7	37.7
-26.25°	42.8	42.2	41.5	40.8	40.2	39.5	38.9	38.4	37.9	37.7	37.7
-27.5°	42.3	41.7	41.1	40.4	39.8	39.1	38.6	38.1	37.7	37.7	37.7
-28.75°	41.8	41.2	40.6	40.0	39.3	38.8	38.3	37.8	37.7	37.7	37.7
-30°	41.3	40.7	40.1	39.5	38.9	38.4	38.0	37.7	37.7	37.7	37.7
-31.25°	40.8	40.2	39.6	39.0	38.6	38.1	37.7	37.7	37.7	37.7	37.7
-32.5°	40.3	39.7	39.1	38.7	38.2	37.8	37.7	37.7	37.7	37.7	37.7
-33.75°	39.7	39.2	38.7	38.3	37.9	37.7	37.7	37.7	37.7	37.7	37.7
-35°	39.2	38.7	38.3	38.0	37.7	37.7	37.7	37.7	37.7	37.7	37.5
-36.25°	38.7	38.3	38.0	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.2
-37.5°	38.3	38.0	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.3	36.9
-38.75°	37.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.4	37.0	36.7
-40°	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.4	37.1	36.7	35.9
-41.25°	37.7	37.7	37.7	37.7	37.7	37.7	37.4	37.1	36.8	36.1	35.0
-42.5°	37.7	37.7	37.7	37.7	37.7	37.4	37.1	36.8	36.2	35.1	34.1
-43.75°	37.7	37.7	37.7	37.7	37.4	37.1	36.8	36.2	35.2	34.2	33.2
-45°	37.7	37.7	37.6	37.3	37.0	36.7	36.1	35.1	34.2	33.2	32.4
-46.25°	37.7	37.5	37.2	36.9	36.7	35.9	35.0	34.1	33.2	32.4	31.6
-47.5°	37.3	37.1	36.8	36.5	35.6	34.8	33.9	33.1	32.3	31.6	30.8
-48.75°	36.9	36.7	36.1	35.3	34.5	33.7	32.9	32.2	31.5	30.7	29.7
-50°	36.3	35.6	34.9	34.1	33.3	32.6	32.0	31.3	30.6	29.6	28.4
-51.25°	35.1	34.4	33.6	32.9	32.3	31.7	31.0	30.4	29.3	28.2	27.1
-52.5°	33.8	33.1	32.5	31.9	31.3	30.7	29.9	28.9	27.9	26.8	25.7
-53.75°	32.6	32.0	31.5	30.9	30.3	29.4	28.4	27.4	26.4	25.4	24.3
-55°	31.5	31.0	30.5	29.6	28.7	27.8	26.9	25.9	25.0	24.0	23.0
-56.25°	30.4	29.6	28.8	28.0	27.1	26.2	25.3	24.4	23.5	22.5	21.6
-57.5°	28.7	27.9	27.1	26.3	25.5	24.6	23.8	22.9	22.0	21.1	20.3
-58.75°	26.9	26.2	25.4	24.6	23.9	23.0	22.2	21.4	20.6	19.9	19.1
-60°	25.1	24.4	23.7	23.0	22.2	21.4	20.7	20.0	19.3	18.6	17.9
-61.25°	23.3	22.7	22.0	21.3	20.7	20.0	19.4	18.7	18.0	17.3	16.7
-62.5°	21.5	21.0	20.4	19.8	19.2	18.6	18.0	17.4	16.8	16.2	15.6
-63.75°	20.0	19.4	18.9	18.3	17.8	17.2	16.7	16.2	15.6	15.1	14.5
-65°	18.4	17.9	17.4	16.9	16.5	16.0	15.5	15.0	14.5	14.0	13.6
-66.25°	16.9	16.5	16.1	15.6	15.2	14.7	14.3	13.9	13.6	13.2	12.9
-67.5°	15.5	15.1	14.7	14.3	14.0	13.7	13.4	13.1	12.8	12.4	12.1
-68.75°	14.2	13.9	13.6	13.4	13.1	12.8	12.5	12.3	12.0	11.7	11.6
-70°	13.2	13.0	12.7	12.5	12.2	12.0	11.8	11.6	11.5	11.4	11.2
-71.25°	12.3	12.0	11.8	11.7	11.6	11.5	11.4	11.2	11.1	11.0	10.9
-72.5°	11.6	11.5	11.4	11.3	11.2	11.1	10.9	10.8	10.7	10.5	10.4
-73.75°	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.3	10.1	10.0	9.8
-75°	10.7	10.5	10.4	10.3	10.1	10.0	9.8	9.7	9.5	9.4	9.2
-76.25°	10.0	9.8	9.7	9.6	9.5	9.3	9.2	9.1	8.9	8.7	8.5
-77.5°	9.2	9.1	9.0	8.9	8.8	8.6	8.4	8.3	8.1	7.9	7.8



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	8.4	8.3	8.2	8.0	7.9	7.8	7.6	7.5	7.3	7.2	7.0
-80°	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.5	6.4	6.2
-81.25°	6.6	6.5	6.4	6.3	6.2	6.1	5.9	5.8	5.7	5.6	5.5
-82.5°	5.6	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7
-83.75°	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	4.0	3.8	3.7
-85°	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.9	2.8
-86.25°	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
-88.75°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7
83.75°	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5	2.4
82.5°	4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.1
81.25°	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8
80°	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
78.75°	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1
77.5°	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6
76.25°	8.3	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2
75°	9.0	8.8	8.6	8.4	8.2	7.9	7.7	7.5	7.2	7.0	6.7
73.75°	9.6	9.4	9.2	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.3
72.5°	10.2	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8
71.25°	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.0	8.6	8.3
70°	11.1	10.9	10.8	10.6	10.4	10.1	9.9	9.6	9.4	9.1	8.9
68.75°	11.4	11.3	11.1	11.0	10.8	10.6	10.4	10.1	9.8	9.6	9.3
67.5°	11.8	11.6	11.5	11.3	11.1	11.0	10.8	10.5	10.3	10.0	9.7
66.25°	12.5	12.2	11.8	11.6	11.4	11.3	11.1	10.9	10.7	10.4	10.1
65°	13.3	12.9	12.5	12.1	11.8	11.6	11.4	11.2	11.0	10.8	10.5
63.75°	14.0	13.6	13.2	12.8	12.4	11.9	11.7	11.5	11.2	11.0	10.8
62.5°	15.0	14.4	13.9	13.5	13.0	12.6	12.1	11.7	11.5	11.3	11.1
61.25°	16.1	15.4	14.8	14.1	13.7	13.2	12.7	12.3	11.8	11.6	11.3
60°	17.1	16.5	15.8	15.1	14.4	13.8	13.3	12.8	12.3	11.8	11.6
58.75°	18.3	17.5	16.8	16.1	15.3	14.6	13.9	13.4	12.9	12.4	11.8
57.5°	19.5	18.7	17.8	17.0	16.3	15.5	14.7	14.0	13.4	12.9	12.3
56.25°	20.7	19.8	18.9	18.0	17.2	16.4	15.6	14.8	14.0	13.4	12.8
55°	21.9	21.0	20.1	19.1	18.2	17.3	16.4	15.6	14.7	13.9	13.3
53.75°	23.3	22.2	21.1	20.2	19.2	18.2	17.3	16.4	15.5	14.6	13.8
52.5°	24.6	23.5	22.4	21.2	20.2	19.2	18.2	17.2	16.3	15.3	14.4
51.25°	25.9	24.8	23.6	22.4	21.2	20.2	19.1	18.0	17.0	16.1	15.1
50°	27.2	26.0	24.8	23.6	22.4	21.1	20.1	18.9	17.8	16.8	15.8
48.75°	28.5	27.3	26.0	24.8	23.5	22.2	21.0	19.8	18.7	17.5	16.5
47.5°	29.8	28.5	27.2	25.9	24.6	23.3	21.9	20.7	19.5	18.3	17.1
46.25°	30.8	29.7	28.4	27.1	25.7	24.3	23.0	21.6	20.3	19.1	17.9
45°	31.6	30.7	29.6	28.2	26.8	25.4	24.0	22.5	21.1	19.9	18.6
43.75°	32.3	31.5	30.6	29.3	27.9	26.4	25.0	23.5	22.0	20.6	19.3
42.5°	33.1	32.2	31.3	30.4	28.9	27.4	25.9	24.4	22.9	21.4	20.0
41.25°	33.9	32.9	32.0	31.0	29.9	28.4	26.9	25.3	23.8	22.2	20.7
40°	34.8	33.7	32.6	31.7	30.7	29.4	27.8	26.2	24.6	23.0	21.4
38.75°	35.6	34.5	33.3	32.3	31.3	30.3	28.7	27.1	25.5	23.9	22.2
37.5°	36.5	35.3	34.1	32.9	31.9	30.9	29.6	28.0	26.3	24.6	23.0
36.25°	36.8	36.1	34.9	33.6	32.5	31.5	30.5	28.8	27.1	25.4	23.7
35°	37.1	36.7	35.6	34.4	33.1	32.0	31.0	29.6	27.9	26.2	24.4



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	37.3	36.9	36.3	35.1	33.8	32.6	31.5	30.4	28.7	26.9	25.1
32.5°	37.6	37.2	36.7	35.7	34.4	33.1	32.0	30.9	29.4	27.6	25.8
31.25°	37.7	37.4	37.0	36.4	35.1	33.7	32.5	31.4	30.1	28.3	26.5
30°	37.7	37.6	37.2	36.7	35.7	34.3	33.0	31.8	30.7	29.0	27.1
28.75°	37.7	37.7	37.4	36.9	36.3	34.9	33.5	32.2	31.1	29.6	27.7
27.5°	37.7	37.7	37.6	37.1	36.7	35.4	34.0	32.7	31.5	30.2	28.3
26.25°	37.7	37.7	37.7	37.3	36.9	36.0	34.5	33.1	31.9	30.7	28.9
25°	37.7	37.7	37.7	37.5	37.0	36.5	35.0	33.5	32.2	31.0	29.4
23.75°	37.7	37.7	37.7	37.7	37.2	36.7	35.5	34.0	32.6	31.4	29.9
22.5°	37.7	37.7	37.7	37.7	37.4	36.9	35.9	34.4	32.9	31.7	30.4
21.25°	37.7	37.7	37.7	37.7	37.5	37.0	36.3	34.8	33.3	32.0	30.7
20°	37.7	37.7	37.7	37.7	37.7	37.2	36.7	35.2	33.6	32.3	31.0
18.75°	37.7	37.7	37.7	37.7	37.7	37.3	36.8	35.6	34.0	32.6	31.3
17.5°	37.8	37.7	37.7	37.7	37.7	37.4	36.9	35.9	34.3	32.8	31.5
16.25°	37.9	37.7	37.7	37.7	37.7	37.5	37.0	36.2	34.6	33.1	31.7
15°	38.1	37.7	37.7	37.7	37.7	37.6	37.1	36.5	34.9	33.3	31.9
13.75°	38.2	37.7	37.7	37.7	37.7	37.7	37.2	36.7	35.2	33.6	32.1
12.5°	38.3	37.7	37.7	37.7	37.7	37.7	37.3	36.8	35.4	33.8	32.3
11.25°	38.4	37.8	37.7	37.7	37.7	37.7	37.4	36.8	35.6	34.0	32.5
10°	38.5	37.9	37.7	37.7	37.7	37.7	37.4	36.9	35.8	34.2	32.6
8.75°	38.6	38.0	37.7	37.7	37.7	37.7	37.5	37.0	36.0	34.4	32.8
7.5°	38.7	38.1	37.7	37.7	37.7	37.7	37.5	37.0	36.2	34.5	32.9
6.25°	38.8	38.2	37.7	37.7	37.7	37.7	37.6	37.1	36.3	34.6	33.0
5°	38.8	38.2	37.7	37.7	37.7	37.7	37.6	37.1	36.4	34.7	33.1
3.75°	38.8	38.2	37.7	37.7	37.7	37.7	37.7	37.1	36.5	34.8	33.1
2.5°	38.9	38.3	37.7	37.7	37.7	37.7	37.7	37.1	36.6	34.9	33.2
1.25°	38.9	38.3	37.7	37.7	37.7	37.7	37.7	37.1	36.6	34.9	33.2
0°	38.9	38.3	37.7	37.7	37.7	37.7	37.7	37.2	36.6	34.9	33.2
-1.25°	38.9	38.3	37.7	37.7	37.7	37.7	37.7	37.1	36.6	34.9	33.2
-2.5°	38.9	38.3	37.7	37.7	37.7	37.7	37.7	37.1	36.6	34.9	33.2
-3.75°	38.8	38.2	37.7	37.7	37.7	37.7	37.7	37.1	36.5	34.8	33.1
-5°	38.8	38.2	37.7	37.7	37.7	37.7	37.6	37.1	36.4	34.7	33.1
-6.25°	38.8	38.2	37.7	37.7	37.7	37.7	37.6	37.1	36.3	34.6	33.0
-7.5°	38.7	38.1	37.7	37.7	37.7	37.7	37.5	37.0	36.2	34.5	32.9
-8.75°	38.6	38.0	37.7	37.7	37.7	37.7	37.5	37.0	36.0	34.4	32.8
-10°	38.5	37.9	37.7	37.7	37.7	37.7	37.4	36.9	35.8	34.2	32.6
-11.25°	38.4	37.8	37.7	37.7	37.7	37.7	37.4	36.8	35.6	34.0	32.5
-12.5°	38.3	37.7	37.7	37.7	37.7	37.7	37.3	36.8	35.4	33.8	32.3
-13.75°	38.2	37.7	37.7	37.7	37.7	37.7	37.2	36.7	35.2	33.6	32.1
-15°	38.1	37.7	37.7	37.7	37.7	37.6	37.1	36.5	34.9	33.3	31.9
-16.25°	37.9	37.7	37.7	37.7	37.7	37.5	37.0	36.2	34.6	33.1	31.7
-17.5°	37.8	37.7	37.7	37.7	37.7	37.4	36.9	35.9	34.3	32.8	31.5
-18.75°	37.7	37.7	37.7	37.7	37.7	37.3	36.8	35.6	34.0	32.6	31.3
-20°	37.7	37.7	37.7	37.7	37.7	37.2	36.7	35.2	33.6	32.3	31.0
-21.25°	37.7	37.7	37.7	37.7	37.5	37.0	36.3	34.8	33.3	32.0	30.7





REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-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°	37.7	37.7	37.7	37.7	37.4	36.9	35.9	34.4	32.9	31.7	30.4
-23.75°	37.7	37.7	37.7	37.7	37.2	36.7	35.5	34.0	32.6	31.4	29.9
-25°	37.7	37.7	37.7	37.5	37.0	36.5	35.0	33.5	32.2	31.0	29.4
-26.25°	37.7	37.7	37.7	37.3	36.9	36.0	34.5	33.1	31.9	30.7	28.9
-27.5°	37.7	37.7	37.6	37.1	36.7	35.4	34.0	32.7	31.5	30.2	28.3
-28.75°	37.7	37.7	37.4	36.9	36.3	34.9	33.5	32.2	31.1	29.6	27.7
-30°	37.7	37.6	37.2	36.7	35.7	34.3	33.0	31.8	30.7	29.0	27.1
-31.25°	37.7	37.4	37.0	36.4	35.1	33.7	32.5	31.4	30.1	28.3	26.5
-32.5°	37.6	37.2	36.7	35.7	34.4	33.1	32.0	30.9	29.4	27.6	25.8
-33.75°	37.3	36.9	36.3	35.1	33.8	32.6	31.5	30.4	28.7	26.9	25.1
-35°	37.1	36.7	35.6	34.4	33.1	32.0	31.0	29.6	27.9	26.2	24.4
-36.25°	36.8	36.1	34.9	33.6	32.5	31.5	30.5	28.8	27.1	25.4	23.7
-37.5°	36.5	35.3	34.1	32.9	31.9	30.9	29.6	28.0	26.3	24.6	23.0
-38.75°	35.6	34.5	33.3	32.3	31.3	30.3	28.7	27.1	25.5	23.9	22.2
-40°	34.8	33.7	32.6	31.7	30.7	29.4	27.8	26.2	24.6	23.0	21.4
-41.25°	33.9	32.9	32.0	31.0	29.9	28.4	26.9	25.3	23.8	22.2	20.7
-42.5°	33.1	32.2	31.3	30.4	28.9	27.4	25.9	24.4	22.9	21.4	20.0
-43.75°	32.3	31.5	30.6	29.3	27.9	26.4	25.0	23.5	22.0	20.6	19.3
-45°	31.6	30.7	29.6	28.2	26.8	25.4	24.0	22.5	21.1	19.9	18.6
-46.25°	30.8	29.7	28.4	27.1	25.7	24.3	23.0	21.6	20.3	19.1	17.9
-47.5°	29.8	28.5	27.2	25.9	24.6	23.3	21.9	20.7	19.5	18.3	17.1
-48.75°	28.5	27.3	26.0	24.8	23.5	22.2	21.0	19.8	18.7	17.5	16.5
-50°	27.2	26.0	24.8	23.6	22.4	21.1	20.1	18.9	17.8	16.8	15.8
-51.25°	25.9	24.8	23.6	22.4	21.2	20.2	19.1	18.0	17.0	16.1	15.1
-52.5°	24.6	23.5	22.4	21.2	20.2	19.2	18.2	17.2	16.3	15.3	14.4
-53.75°	23.3	22.2	21.1	20.2	19.2	18.2	17.3	16.4	15.5	14.6	13.8
-55°	21.9	21.0	20.1	19.1	18.2	17.3	16.4	15.6	14.7	13.9	13.3
-56.25°	20.7	19.8	18.9	18.0	17.2	16.4	15.6	14.8	14.0	13.4	12.8
-57.5°	19.5	18.7	17.8	17.0	16.3	15.5	14.7	14.0	13.4	12.9	12.3
-58.75°	18.3	17.5	16.8	16.1	15.3	14.6	13.9	13.4	12.9	12.4	11.8
-60°	17.1	16.5	15.8	15.1	14.4	13.8	13.3	12.8	12.3	11.8	11.6
-61.25°	16.1	15.4	14.8	14.1	13.7	13.2	12.7	12.3	11.8	11.6	11.3
-62.5°	15.0	14.4	13.9	13.5	13.0	12.6	12.1	11.7	11.5	11.3	11.1
-63.75°	14.0	13.6	13.2	12.8	12.4	11.9	11.7	11.5	11.2	11.0	10.8
-65°	13.3	12.9	12.5	12.1	11.8	11.6	11.4	11.2	11.0	10.8	10.5
-66.25°	12.5	12.2	11.8	11.6	11.4	11.3	11.1	10.9	10.7	10.4	10.1
-67.5°	11.8	11.6	11.5	11.3	11.1	11.0	10.8	10.5	10.3	10.0	9.7
-68.75°	11.4	11.3	11.1	11.0	10.8	10.6	10.4	10.1	9.8	9.6	9.3
-70°	11.1	10.9	10.8	10.6	10.4	10.1	9.9	9.6	9.4	9.1	8.9
-71.25°	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.0	8.6	8.3
-72.5°	10.2	10.0	9.8	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8
-73.75°	9.6	9.4	9.2	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.3
-75°	9.0	8.8	8.6	8.4	8.2	7.9	7.7	7.5	7.2	7.0	6.7
-76.25°	8.3	8.1	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2
-77.5°	7.6	7.4	7.2	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.1
-80°	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5
-81.25°	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8
-82.5°	4.6	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.1
-83.75°	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.5	2.4
-85°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7
-86.25°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
-88.75°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
83.75°	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.5	1.4	1.3	1.2
82.5°	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.5	1.4
81.25°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.7
80°	4.3	4.1	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0
78.75°	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.7	2.4
77.5°	5.4	5.2	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.8
76.25°	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.2
75°	6.5	6.2	5.9	5.7	5.4	5.1	4.9	4.6	4.2	3.9	3.6
73.75°	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.6	4.3	3.9
72.5°	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.3	5.0	4.7	4.3
71.25°	8.0	7.7	7.4	7.1	6.7	6.4	6.1	5.7	5.4	5.0	4.6
70°	8.5	8.2	7.9	7.5	7.2	6.8	6.5	6.1	5.7	5.3	5.0
68.75°	9.0	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.3
67.5°	9.4	9.1	8.8	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.6
66.25°	9.8	9.5	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.3	5.9
65°	10.2	9.9	9.5	9.2	8.8	8.4	8.0	7.5	7.1	6.6	6.1
63.75°	10.6	10.2	9.9	9.5	9.2	8.8	8.3	7.9	7.4	6.9	6.4
62.5°	10.8	10.6	10.2	9.9	9.5	9.1	8.7	8.2	7.7	7.2	6.7
61.25°	11.1	10.8	10.6	10.2	9.8	9.4	9.0	8.5	8.0	7.5	7.0
60°	11.3	11.1	10.8	10.5	10.1	9.7	9.3	8.9	8.3	7.8	7.3
58.75°	11.6	11.3	11.0	10.8	10.4	10.0	9.6	9.1	8.6	8.1	7.5
57.5°	11.8	11.5	11.2	11.0	10.7	10.3	9.8	9.4	9.0	8.4	7.8
56.25°	12.3	11.7	11.5	11.2	10.9	10.5	10.1	9.6	9.2	8.7	8.1
55°	12.7	12.1	11.7	11.4	11.1	10.8	10.4	9.9	9.4	8.9	8.3
53.75°	13.2	12.6	11.9	11.6	11.3	11.0	10.6	10.1	9.7	9.2	8.6
52.5°	13.7	13.0	12.4	11.8	11.4	11.1	10.8	10.4	9.9	9.4	8.8
51.25°	14.1	13.5	12.8	12.1	11.6	11.3	11.0	10.6	10.1	9.6	9.1
50°	14.8	13.9	13.2	12.5	11.8	11.5	11.1	10.8	10.3	9.8	9.2
48.75°	15.4	14.4	13.6	12.9	12.2	11.6	11.3	10.9	10.5	10.0	9.4
47.5°	16.1	15.0	14.0	13.3	12.5	11.8	11.4	11.1	10.7	10.2	9.6
46.25°	16.7	15.6	14.5	13.6	12.9	12.1	11.6	11.2	10.9	10.4	9.8
45°	17.3	16.2	15.1	14.0	13.2	12.4	11.7	11.4	11.0	10.5	10.0
43.75°	18.0	16.8	15.6	14.5	13.6	12.8	12.0	11.5	11.1	10.7	10.1
42.5°	18.7	17.4	16.2	15.0	13.9	13.1	12.3	11.6	11.2	10.8	10.3
41.25°	19.4	18.0	16.7	15.5	14.3	13.4	12.5	11.8	11.4	10.9	10.5
40°	20.0	18.6	17.2	16.0	14.7	13.7	12.8	12.0	11.5	11.1	10.6
38.75°	20.7	19.2	17.8	16.5	15.2	14.0	13.1	12.2	11.6	11.2	10.7
37.5°	21.3	19.8	18.3	16.9	15.6	14.3	13.4	12.5	11.7	11.3	10.8
36.25°	22.0	20.4	18.9	17.4	16.1	14.7	13.6	12.7	11.8	11.4	10.9
35°	22.7	21.0	19.4	17.9	16.5	15.1	13.9	13.0	12.0	11.5	11.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	23.3	21.5	20.0	18.4	16.9	15.5	14.2	13.2	12.3	11.6	11.1
32.5°	24.0	22.2	20.5	18.9	17.3	15.9	14.5	13.4	12.5	11.7	11.2
31.25°	24.6	22.8	21.0	19.3	17.7	16.3	14.8	13.6	12.7	11.8	11.3
30°	25.2	23.3	21.4	19.8	18.1	16.6	15.2	13.9	12.9	11.9	11.4
28.75°	25.8	23.9	22.0	20.2	18.6	17.0	15.5	14.1	13.1	12.1	11.4
27.5°	26.4	24.4	22.5	20.6	19.0	17.3	15.8	14.3	13.2	12.2	11.5
26.25°	26.9	24.9	23.0	21.0	19.3	17.6	16.1	14.6	13.4	12.4	11.6
25°	27.4	25.4	23.4	21.4	19.7	18.0	16.4	14.9	13.6	12.5	11.7
23.75°	27.9	25.9	23.9	21.9	20.0	18.3	16.6	15.1	13.7	12.7	11.7
22.5°	28.4	26.4	24.3	22.3	20.4	18.6	16.9	15.4	13.9	12.8	11.8
21.25°	28.8	26.8	24.7	22.7	20.7	18.9	17.1	15.6	14.0	13.0	11.9
20°	29.3	27.2	25.1	23.0	21.0	19.2	17.4	15.8	14.2	13.1	12.0
18.75°	29.7	27.6	25.5	23.4	21.3	19.4	17.6	16.0	14.4	13.2	12.1
17.5°	30.0	27.9	25.8	23.7	21.6	19.7	17.8	16.2	14.6	13.3	12.2
16.25°	30.4	28.3	26.1	24.0	21.8	19.9	18.1	16.4	14.7	13.4	12.3
15°	30.6	28.6	26.4	24.3	22.1	20.1	18.3	16.5	14.9	13.5	12.4
13.75°	30.8	28.9	26.7	24.5	22.4	20.3	18.5	16.7	15.0	13.6	12.5
12.5°	31.0	29.1	26.9	24.8	22.6	20.5	18.6	16.8	15.2	13.7	12.6
11.25°	31.1	29.4	27.2	25.0	22.8	20.7	18.8	17.0	15.3	13.8	12.7
10°	31.3	29.6	27.4	25.2	23.0	20.8	18.9	17.1	15.4	13.8	12.7
8.75°	31.4	29.8	27.6	25.3	23.1	21.0	19.0	17.2	15.5	13.9	12.8
7.5°	31.5	29.9	27.7	25.5	23.3	21.1	19.2	17.3	15.6	14.0	12.8
6.25°	31.6	30.1	27.8	25.6	23.4	21.2	19.2	17.3	15.6	14.0	12.9
5°	31.7	30.2	28.0	25.7	23.5	21.3	19.3	17.4	15.7	14.0	12.9
3.75°	31.7	30.3	28.0	25.8	23.6	21.3	19.4	17.4	15.7	14.1	12.9
2.5°	31.8	30.3	28.1	25.9	23.6	21.4	19.4	17.5	15.8	14.1	12.9
1.25°	31.8	30.4	28.1	25.9	23.6	21.4	19.4	17.5	15.8	14.1	12.9
0°	31.8	30.4	28.2	25.9	23.7	21.4	19.5	17.5	15.8	14.1	13.0
-1.25°	31.8	30.4	28.1	25.9	23.6	21.4	19.4	17.5	15.8	14.1	12.9
-2.5°	31.8	30.3	28.1	25.9	23.6	21.4	19.4	17.5	15.8	14.1	12.9
-3.75°	31.7	30.3	28.0	25.8	23.6	21.3	19.4	17.4	15.7	14.1	12.9
-5°	31.7	30.2	28.0	25.7	23.5	21.3	19.3	17.4	15.7	14.0	12.9
-6.25°	31.6	30.1	27.8	25.6	23.4	21.2	19.2	17.3	15.6	14.0	12.9
-7.5°	31.5	29.9	27.7	25.5	23.3	21.1	19.2	17.3	15.6	14.0	12.8
-8.75°	31.4	29.8	27.6	25.3	23.1	21.0	19.0	17.2	15.5	13.9	12.8
-10°	31.3	29.6	27.4	25.2	23.0	20.8	18.9	17.1	15.4	13.8	12.7
-11.25°	31.1	29.4	27.2	25.0	22.8	20.7	18.8	17.0	15.3	13.8	12.7
-12.5°	31.0	29.1	26.9	24.8	22.6	20.5	18.6	16.8	15.2	13.7	12.6
-13.75°	30.8	28.9	26.7	24.5	22.4	20.3	18.5	16.7	15.0	13.6	12.5
-15°	30.6	28.6	26.4	24.3	22.1	20.1	18.3	16.5	14.9	13.5	12.4
-16.25°	30.4	28.3	26.1	24.0	21.8	19.9	18.1	16.4	14.7	13.4	12.3
-17.5°	30.0	27.9	25.8	23.7	21.6	19.7	17.8	16.2	14.6	13.3	12.2
-18.75°	29.7	27.6	25.5	23.4	21.3	19.4	17.6	16.0	14.4	13.2	12.1
-20°	29.3	27.2	25.1	23.0	21.0	19.2	17.4	15.8	14.2	13.1	12.0
-21.25°	28.8	26.8	24.7	22.7	20.7	18.9	17.1	15.6	14.0	13.0	11.9



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	28.4	26.4	24.3	22.3	20.4	18.6	16.9	15.4	13.9	12.8	11.8
-23.75°	27.9	25.9	23.9	21.9	20.0	18.3	16.6	15.1	13.7	12.7	11.7
-25°	27.4	25.4	23.4	21.4	19.7	18.0	16.4	14.9	13.6	12.5	11.7
-26.25°	26.9	24.9	23.0	21.0	19.3	17.6	16.1	14.6	13.4	12.4	11.6
-27.5°	26.4	24.4	22.5	20.6	19.0	17.3	15.8	14.3	13.2	12.2	11.5
-28.75°	25.8	23.9	22.0	20.2	18.6	17.0	15.5	14.1	13.1	12.1	11.4
-30°	25.2	23.3	21.4	19.8	18.1	16.6	15.2	13.9	12.9	11.9	11.4
-31.25°	24.6	22.8	21.0	19.3	17.7	16.3	14.8	13.6	12.7	11.8	11.3
-32.5°	24.0	22.2	20.5	18.9	17.3	15.9	14.5	13.4	12.5	11.7	11.2
-33.75°	23.3	21.5	20.0	18.4	16.9	15.5	14.2	13.2	12.3	11.6	11.1
-35°	22.7	21.0	19.4	17.9	16.5	15.1	13.9	13.0	12.0	11.5	11.0
-36.25°	22.0	20.4	18.9	17.4	16.1	14.7	13.6	12.7	11.8	11.4	10.9
-37.5°	21.3	19.8	18.3	16.9	15.6	14.3	13.4	12.5	11.7	11.3	10.8
-38.75°	20.7	19.2	17.8	16.5	15.2	14.0	13.1	12.2	11.6	11.2	10.7
-40°	20.0	18.6	17.2	16.0	14.7	13.7	12.8	12.0	11.5	11.1	10.6
-41.25°	19.4	18.0	16.7	15.5	14.3	13.4	12.5	11.8	11.4	10.9	10.5
-42.5°	18.7	17.4	16.2	15.0	13.9	13.1	12.3	11.6	11.2	10.8	10.3
-43.75°	18.0	16.8	15.6	14.5	13.6	12.8	12.0	11.5	11.1	10.7	10.1
-45°	17.3	16.2	15.1	14.0	13.2	12.4	11.7	11.4	11.0	10.5	10.0
-46.25°	16.7	15.6	14.5	13.6	12.9	12.1	11.6	11.2	10.9	10.4	9.8
-47.5°	16.1	15.0	14.0	13.3	12.5	11.8	11.4	11.1	10.7	10.2	9.6
-48.75°	15.4	14.4	13.6	12.9	12.2	11.6	11.3	10.9	10.5	10.0	9.4
-50°	14.8	13.9	13.2	12.5	11.8	11.5	11.1	10.8	10.3	9.8	9.2
-51.25°	14.1	13.5	12.8	12.1	11.6	11.3	11.0	10.6	10.1	9.6	9.1
-52.5°	13.7	13.0	12.4	11.8	11.4	11.1	10.8	10.4	9.9	9.4	8.8
-53.75°	13.2	12.6	11.9	11.6	11.3	11.0	10.6	10.1	9.7	9.2	8.6
-55°	12.7	12.1	11.7	11.4	11.1	10.8	10.4	9.9	9.4	8.9	8.3
-56.25°	12.3	11.7	11.5	11.2	10.9	10.5	10.1	9.6	9.2	8.7	8.1
-57.5°	11.8	11.5	11.2	11.0	10.7	10.3	9.8	9.4	9.0	8.4	7.8
-58.75°	11.6	11.3	11.0	10.8	10.4	10.0	9.6	9.1	8.6	8.1	7.5
-60°	11.3	11.1	10.8	10.5	10.1	9.7	9.3	8.9	8.3	7.8	7.3
-61.25°	11.1	10.8	10.6	10.2	9.8	9.4	9.0	8.5	8.0	7.5	7.0
-62.5°	10.8	10.6	10.2	9.9	9.5	9.1	8.7	8.2	7.7	7.2	6.7
-63.75°	10.6	10.2	9.9	9.5	9.2	8.8	8.3	7.9	7.4	6.9	6.4
-65°	10.2	9.9	9.5	9.2	8.8	8.4	8.0	7.5	7.1	6.6	6.1
-66.25°	9.8	9.5	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.3	5.9
-67.5°	9.4	9.1	8.8	8.4	8.0	7.6	7.2	6.8	6.4	6.0	5.6
-68.75°	9.0	8.7	8.3	8.0	7.6	7.2	6.8	6.5	6.1	5.7	5.3
-70°	8.5	8.2	7.9	7.5	7.2	6.8	6.5	6.1	5.7	5.3	5.0
-71.25°	8.0	7.7	7.4	7.1	6.7	6.4	6.1	5.7	5.4	5.0	4.6
-72.5°	7.5	7.2	6.9	6.6	6.3	6.0	5.7	5.3	5.0	4.7	4.3
-73.75°	7.0	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.6	4.3	3.9
-75°	6.5	6.2	5.9	5.7	5.4	5.1	4.9	4.6	4.2	3.9	3.6
-76.25°	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.2
-77.5°	5.4	5.2	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.8



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.7	2.4
-80°	4.3	4.1	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0
-81.25°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.7
-82.5°	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.5	1.4
-83.75°	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.5	1.4	1.3	1.2
-85°	1.6	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	1.0
-86.25°	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
-87.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
-88.75°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1
86.25°	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1
85°	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.1
83.75°	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2
82.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.4	0.3	0.2
81.25°	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
80°	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
78.75°	2.1	1.9	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
77.5°	2.5	2.2	1.9	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4
76.25°	2.9	2.5	2.2	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.4
75°	3.2	2.9	2.5	2.1	1.8	1.5	1.3	1.1	0.9	0.7	0.4
73.75°	3.6	3.2	2.8	2.4	2.0	1.7	1.4	1.2	1.0	0.7	0.5
72.5°	3.9	3.5	3.1	2.7	2.3	1.8	1.5	1.3	1.0	0.8	0.5
71.25°	4.2	3.8	3.4	2.9	2.5	2.0	1.6	1.4	1.1	0.8	0.5
70°	4.6	4.1	3.7	3.2	2.7	2.2	1.8	1.5	1.2	0.9	0.6
68.75°	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.2	0.9	0.6
67.5°	5.1	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.3	1.0	0.7
66.25°	5.4	5.0	4.5	3.9	3.4	2.8	2.3	1.7	1.4	1.0	0.7
65°	5.7	5.2	4.7	4.2	3.6	3.0	2.4	1.9	1.4	1.1	0.7
63.75°	5.9	5.5	5.0	4.4	3.8	3.2	2.6	2.0	1.5	1.1	0.8
62.5°	6.2	5.7	5.2	4.7	4.1	3.4	2.8	2.1	1.6	1.2	0.8
61.25°	6.5	5.9	5.4	4.9	4.3	3.6	2.9	2.3	1.6	1.2	0.8
60°	6.7	6.2	5.6	5.1	4.5	3.8	3.1	2.4	1.7	1.3	0.8
58.75°	7.0	6.4	5.8	5.2	4.7	4.0	3.2	2.5	1.8	1.3	0.9
57.5°	7.2	6.7	6.0	5.4	4.8	4.2	3.4	2.7	1.9	1.4	0.9
56.25°	7.5	6.9	6.3	5.6	5.0	4.3	3.6	2.8	2.0	1.4	0.9
55°	7.7	7.1	6.5	5.8	5.2	4.5	3.7	2.9	2.1	1.5	1.0
53.75°	7.9	7.3	6.7	6.0	5.3	4.6	3.9	3.0	2.2	1.5	1.0
52.5°	8.2	7.5	6.9	6.2	5.5	4.8	4.0	3.2	2.3	1.6	1.0
51.25°	8.4	7.7	7.1	6.4	5.6	4.9	4.1	3.3	2.4	1.6	1.1
50°	8.6	7.9	7.2	6.5	5.8	5.1	4.3	3.4	2.5	1.6	1.1
48.75°	8.8	8.1	7.4	6.7	5.9	5.2	4.4	3.5	2.6	1.7	1.1
47.5°	9.0	8.3	7.6	6.9	6.1	5.3	4.6	3.6	2.7	1.7	1.1
46.25°	9.2	8.5	7.8	7.0	6.2	5.5	4.7	3.7	2.8	1.8	1.2
45°	9.4	8.7	7.9	7.2	6.4	5.6	4.8	3.8	2.9	1.9	1.2
43.75°	9.5	8.9	8.1	7.3	6.5	5.7	4.9	4.0	2.9	1.9	1.2
42.5°	9.7	9.1	8.3	7.5	6.7	5.8	5.0	4.1	3.0	2.0	1.3
41.25°	9.8	9.2	8.4	7.6	6.8	5.9	5.1	4.2	3.1	2.1	1.3
40°	10.0	9.3	8.6	7.8	6.9	6.1	5.2	4.3	3.2	2.1	1.3
38.75°	10.1	9.5	8.8	7.9	7.0	6.2	5.3	4.4	3.3	2.2	1.3
37.5°	10.3	9.6	8.9	8.0	7.2	6.3	5.4	4.4	3.3	2.2	1.3
36.25°	10.4	9.7	9.0	8.2	7.3	6.4	5.5	4.5	3.4	2.3	1.4
35°	10.5	9.8	9.1	8.3	7.4	6.5	5.5	4.6	3.5	2.3	1.4



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	10.7	10.0	9.2	8.4	7.5	6.6	5.6	4.7	3.6	2.4	1.4
32.5°	10.7	10.1	9.4	8.5	7.6	6.7	5.7	4.7	3.6	2.4	1.4
31.25°	10.8	10.2	9.5	8.6	7.7	6.8	5.8	4.8	3.7	2.5	1.5
30°	10.9	10.3	9.5	8.8	7.8	6.9	5.9	4.9	3.7	2.5	1.5
28.75°	11.0	10.4	9.6	8.9	7.9	6.9	5.9	4.9	3.8	2.6	1.5
27.5°	11.0	10.5	9.7	9.0	8.0	7.0	6.0	5.0	3.9	2.6	1.5
26.25°	11.1	10.6	9.8	9.1	8.1	7.1	6.1	5.1	3.9	2.7	1.5
25°	11.2	10.7	9.9	9.1	8.2	7.2	6.2	5.1	4.0	2.7	1.5
23.75°	11.2	10.7	10.0	9.2	8.2	7.2	6.2	5.2	4.0	2.7	1.6
22.5°	11.3	10.8	10.0	9.3	8.3	7.3	6.3	5.2	4.1	2.8	1.6
21.25°	11.3	10.8	10.1	9.3	8.4	7.4	6.3	5.3	4.1	2.8	1.6
20°	11.4	10.9	10.2	9.4	8.5	7.4	6.4	5.3	4.2	2.8	1.6
18.75°	11.4	10.9	10.2	9.4	8.5	7.5	6.4	5.3	4.2	2.9	1.6
17.5°	11.5	11.0	10.3	9.5	8.6	7.5	6.5	5.4	4.2	2.9	1.6
16.25°	11.5	11.0	10.4	9.5	8.6	7.6	6.5	5.4	4.3	2.9	1.6
15°	11.6	11.0	10.4	9.6	8.7	7.6	6.6	5.5	4.3	3.0	1.6
13.75°	11.6	11.1	10.5	9.6	8.7	7.7	6.6	5.5	4.3	3.0	1.7
12.5°	11.6	11.1	10.5	9.7	8.8	7.7	6.6	5.5	4.4	3.0	1.7
11.25°	11.7	11.1	10.5	9.7	8.8	7.8	6.7	5.5	4.4	3.0	1.7
10°	11.7	11.2	10.6	9.7	8.9	7.8	6.7	5.6	4.4	3.0	1.7
8.75°	11.7	11.2	10.6	9.8	8.9	7.8	6.7	5.6	4.4	3.1	1.7
7.5°	11.7	11.2	10.6	9.8	8.9	7.8	6.7	5.6	4.5	3.1	1.7
6.25°	11.8	11.2	10.6	9.8	8.9	7.9	6.8	5.6	4.5	3.1	1.7
5°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
3.75°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
2.5°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
1.25°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
0°	11.8	11.3	10.7	9.9	9.0	7.9	6.8	5.7	4.5	3.1	1.7
-1.25°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
-2.5°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
-3.75°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
-5°	11.8	11.2	10.7	9.8	9.0	7.9	6.8	5.6	4.5	3.1	1.7
-6.25°	11.8	11.2	10.6	9.8	8.9	7.9	6.8	5.6	4.5	3.1	1.7
-7.5°	11.7	11.2	10.6	9.8	8.9	7.8	6.7	5.6	4.5	3.1	1.7
-8.75°	11.7	11.2	10.6	9.8	8.9	7.8	6.7	5.6	4.4	3.1	1.7
-10°	11.7	11.2	10.6	9.7	8.9	7.8	6.7	5.6	4.4	3.0	1.7
-11.25°	11.7	11.1	10.5	9.7	8.8	7.8	6.7	5.5	4.4	3.0	1.7
-12.5°	11.6	11.1	10.5	9.7	8.8	7.7	6.6	5.5	4.4	3.0	1.7
-13.75°	11.6	11.1	10.5	9.6	8.7	7.7	6.6	5.5	4.3	3.0	1.7
-15°	11.6	11.0	10.4	9.6	8.7	7.6	6.6	5.5	4.3	3.0	1.6
-16.25°	11.5	11.0	10.4	9.5	8.6	7.6	6.5	5.4	4.3	2.9	1.6
-17.5°	11.5	11.0	10.3	9.5	8.6	7.5	6.5	5.4	4.2	2.9	1.6
-18.75°	11.4	10.9	10.2	9.4	8.5	7.5	6.4	5.3	4.2	2.9	1.6
-20°	11.4	10.9	10.2	9.4	8.5	7.4	6.4	5.3	4.2	2.8	1.6
-21.25°	11.3	10.8	10.1	9.3	8.4	7.4	6.3	5.3	4.1	2.8	1.6





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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°	11.3	10.8	10.0	9.3	8.3	7.3	6.3	5.2	4.1	2.8	1.6
-23.75°	11.2	10.7	10.0	9.2	8.2	7.2	6.2	5.2	4.0	2.7	1.6
-25°	11.2	10.7	9.9	9.1	8.2	7.2	6.2	5.1	4.0	2.7	1.5
-26.25°	11.1	10.6	9.8	9.1	8.1	7.1	6.1	5.1	3.9	2.7	1.5
-27.5°	11.0	10.5	9.7	9.0	8.0	7.0	6.0	5.0	3.9	2.6	1.5
-28.75°	11.0	10.4	9.6	8.9	7.9	6.9	5.9	4.9	3.8	2.6	1.5
-30°	10.9	10.3	9.5	8.8	7.8	6.9	5.9	4.9	3.7	2.5	1.5
-31.25°	10.8	10.2	9.5	8.6	7.7	6.8	5.8	4.8	3.7	2.5	1.5
-32.5°	10.7	10.1	9.4	8.5	7.6	6.7	5.7	4.7	3.6	2.4	1.4
-33.75°	10.7	10.0	9.2	8.4	7.5	6.6	5.6	4.7	3.6	2.4	1.4
-35°	10.5	9.8	9.1	8.3	7.4	6.5	5.5	4.6	3.5	2.3	1.4
-36.25°	10.4	9.7	9.0	8.2	7.3	6.4	5.5	4.5	3.4	2.3	1.4
-37.5°	10.3	9.6	8.9	8.0	7.2	6.3	5.4	4.4	3.3	2.2	1.3
-38.75°	10.1	9.5	8.8	7.9	7.0	6.2	5.3	4.4	3.3	2.2	1.3
-40°	10.0	9.3	8.6	7.8	6.9	6.1	5.2	4.3	3.2	2.1	1.3
-41.25°	9.8	9.2	8.4	7.6	6.8	5.9	5.1	4.2	3.1	2.1	1.3
-42.5°	9.7	9.1	8.3	7.5	6.7	5.8	5.0	4.1	3.0	2.0	1.3
-43.75°	9.5	8.9	8.1	7.3	6.5	5.7	4.9	4.0	2.9	1.9	1.2
-45°	9.4	8.7	7.9	7.2	6.4	5.6	4.8	3.8	2.9	1.9	1.2
-46.25°	9.2	8.5	7.8	7.0	6.2	5.5	4.7	3.7	2.8	1.8	1.2
-47.5°	9.0	8.3	7.6	6.9	6.1	5.3	4.6	3.6	2.7	1.7	1.1
-48.75°	8.8	8.1	7.4	6.7	5.9	5.2	4.4	3.5	2.6	1.7	1.1
-50°	8.6	7.9	7.2	6.5	5.8	5.1	4.3	3.4	2.5	1.6	1.1
-51.25°	8.4	7.7	7.1	6.4	5.6	4.9	4.1	3.3	2.4	1.6	1.1
-52.5°	8.2	7.5	6.9	6.2	5.5	4.8	4.0	3.2	2.3	1.6	1.0
-53.75°	7.9	7.3	6.7	6.0	5.3	4.6	3.9	3.0	2.2	1.5	1.0
-55°	7.7	7.1	6.5	5.8	5.2	4.5	3.7	2.9	2.1	1.5	1.0
-56.25°	7.5	6.9	6.3	5.6	5.0	4.3	3.6	2.8	2.0	1.4	0.9
-57.5°	7.2	6.7	6.0	5.4	4.8	4.2	3.4	2.7	1.9	1.4	0.9
-58.75°	7.0	6.4	5.8	5.2	4.7	4.0	3.2	2.5	1.8	1.3	0.9
-60°	6.7	6.2	5.6	5.1	4.5	3.8	3.1	2.4	1.7	1.3	0.8
-61.25°	6.5	5.9	5.4	4.9	4.3	3.6	2.9	2.3	1.6	1.2	0.8
-62.5°	6.2	5.7	5.2	4.7	4.1	3.4	2.8	2.1	1.6	1.2	0.8
-63.75°	5.9	5.5	5.0	4.4	3.8	3.2	2.6	2.0	1.5	1.1	0.8
-65°	5.7	5.2	4.7	4.2	3.6	3.0	2.4	1.9	1.4	1.1	0.7
-66.25°	5.4	5.0	4.5	3.9	3.4	2.8	2.3	1.7	1.4	1.0	0.7
-67.5°	5.1	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.3	1.0	0.7
-68.75°	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.2	0.9	0.6
-70°	4.6	4.1	3.7	3.2	2.7	2.2	1.8	1.5	1.2	0.9	0.6
-71.25°	4.2	3.8	3.4	2.9	2.5	2.0	1.6	1.4	1.1	0.8	0.5
-72.5°	3.9	3.5	3.1	2.7	2.3	1.8	1.5	1.3	1.0	0.8	0.5
-73.75°	3.6	3.2	2.8	2.4	2.0	1.7	1.4	1.2	1.0	0.7	0.5
-75°	3.2	2.9	2.5	2.1	1.8	1.5	1.3	1.1	0.9	0.7	0.4
-76.25°	2.9	2.5	2.2	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-77.5°	2.5	2.2	1.9	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.4



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220437 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)