

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: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

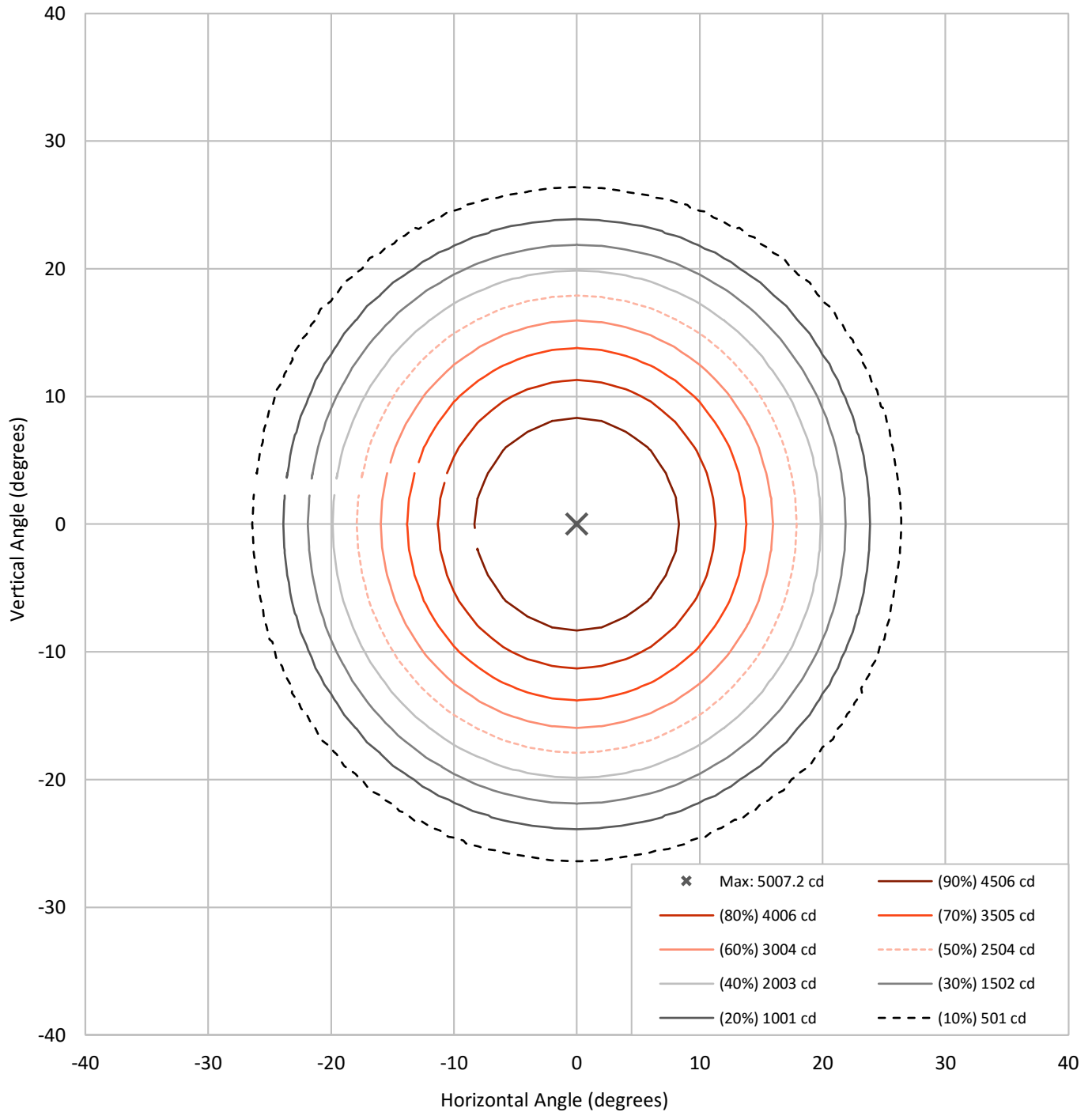
Test Method: LM-79-08  
Report Number: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1949.3 lumens	Max Intensity:	5007.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	1146.2 lumens	Field Lumens:	1628.1 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





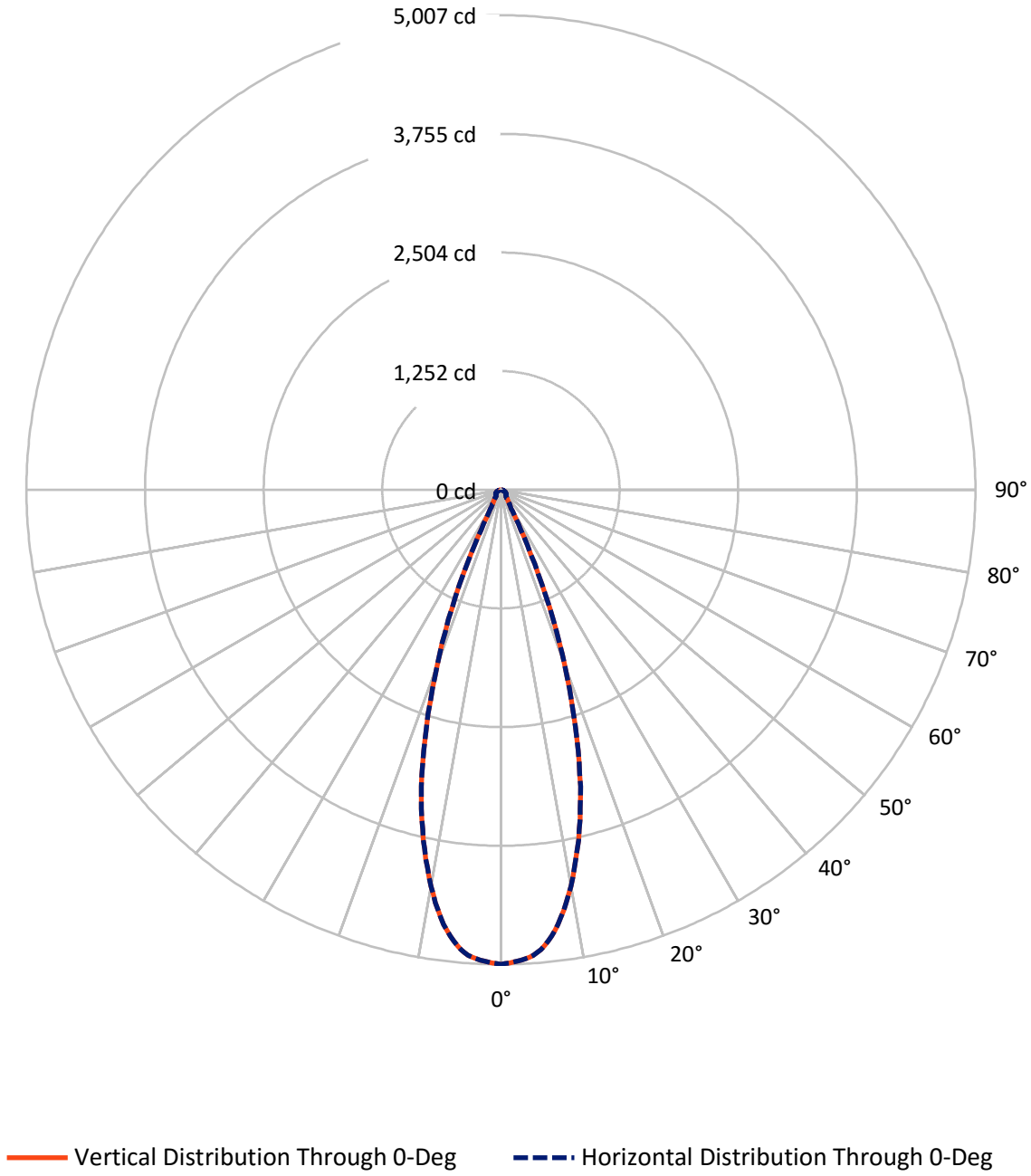
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### Lumen Table

90	0.1	0.5		1.0		1.6		1.8		1.6		1.0		0.5		0.1
80	0.1	0.5		1.0		1.6		1.8		1.6		1.0		0.5		0.1
70	0.2	0.2	0.4	0.5	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.5	0.4	0.2	0.2
60		0.3	0.5	0.9	1.3	1.6	1.8	2.0	2.0	1.8	1.6	1.3	0.9	0.5	0.3	
50	0.3	0.3	0.7	1.2	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.2	0.7	0.3	0.3
40		0.4	0.9	1.4	1.8	2.2	2.8	3.5	3.5	2.8	2.2	1.8	1.4	0.9	0.4	
30	0.4	0.5	1.0	1.5	2.0	3.3	9.8	23.0	23.0	9.8	3.3	2.0	1.5	1.0	0.5	0.4
20		0.5	1.1	1.6	2.4	9.2	49.0	89.2	89.2	49.0	9.2	2.4	1.6	1.1	0.5	
10	0.4	0.6	1.1	1.6	2.9	21.2	86.7	137.0	137.0	86.7	21.2	2.9	1.6	1.1	0.6	0.4
0		0.6	1.1	1.6	2.9	21.2	86.7	137.0	137.0	86.7	21.2	2.9	1.6	1.1	0.6	
-10	0.4	0.5	1.1	1.6	2.4	9.2	49.0	89.2	89.2	49.0	9.2	2.4	1.6	1.1	0.5	0.4
-20		0.5	1.0	1.5	2.0	3.3	9.8	23.0	23.0	9.8	3.3	2.0	1.5	1.0	0.5	
-30	0.3	0.4	0.9	1.4	1.8	2.2	2.8	3.5	3.5	2.8	2.2	1.8	1.4	0.9	0.4	0.3
-40		0.3	0.7	1.2	1.6	2.0	2.2	2.3	2.3	2.2	2.0	1.6	1.2	0.7	0.3	
-50	0.2	0.3	0.5	0.9	1.3	1.6	1.8	2.0	2.0	1.8	1.6	1.3	0.9	0.5	0.3	0.2
-60		0.2	0.4	0.5	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.5	0.4	0.2	
-70	0.1	0.5		1.0		1.6		1.8		1.6		1.0		0.5		0.1
-80		0.5		1.0		1.6		1.8		1.6		1.0		0.5		
-90	0.1	0.5		1.0		1.6		1.8		1.6		1.0		0.5		0.1

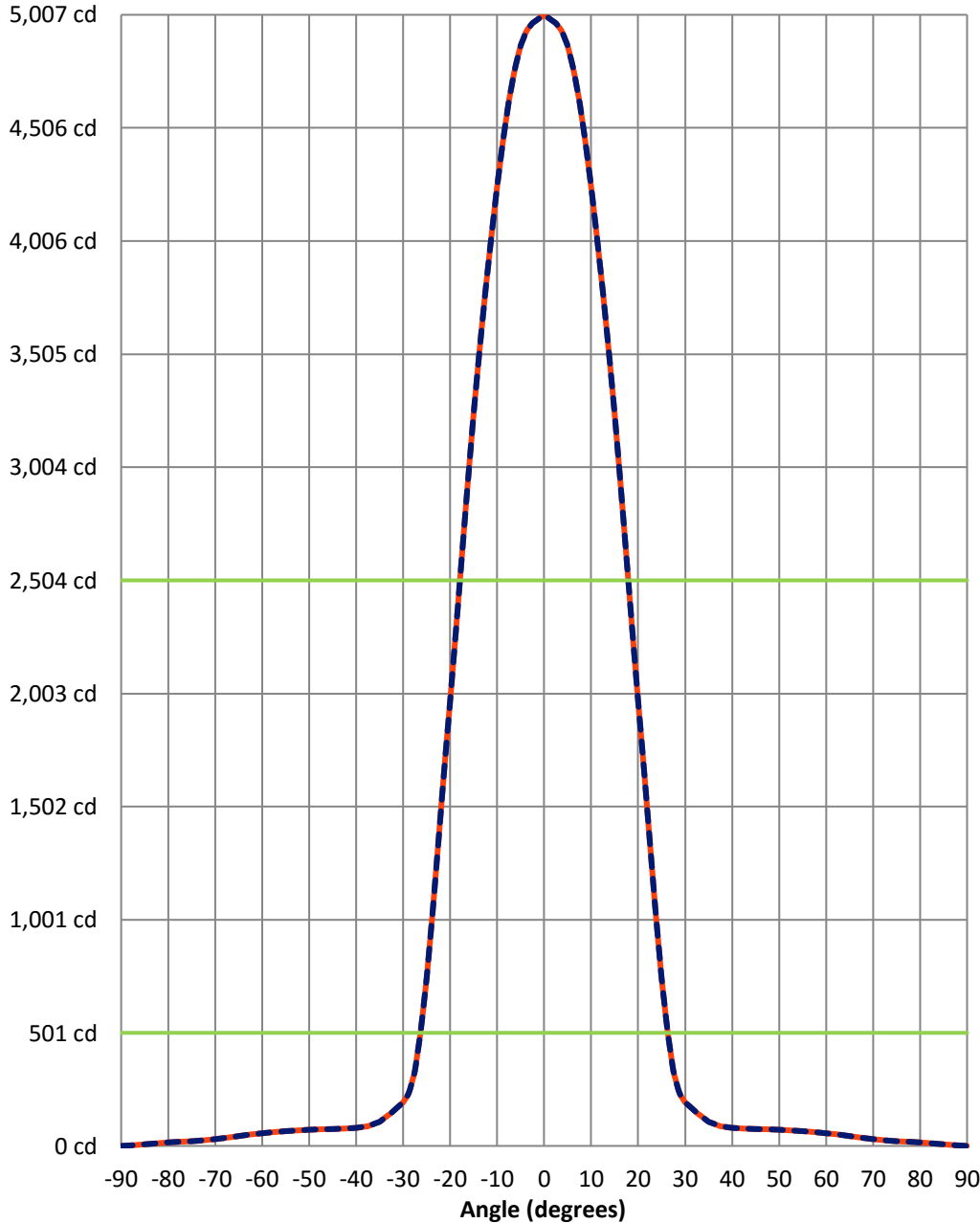
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.8°  
 V Angle: 35.8°  
 Lumens: 1146.2  
 Efficiency: 58.8%

**Field:**  
 H Angle: 52.6°  
 V Angle: 52.6°  
 Lumens: 1628.1  
 Efficiency: 83.5%

**Spill:**  
 Lumens: 321.2  
 Efficiency: 16.5%

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

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
83.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.5	1.7
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
81.25°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.9	2.1	2.3
80°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.7
78.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
77.5°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.4
76.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.4	3.9
75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.8	4.3
73.75°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.6	4.2	4.7
72.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.9	4.6	5.2
71.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.3	4.9	5.6
70°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.9	4.6	5.3	6.0
68.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.5	4.2	5.0	5.7	6.5
67.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.7	4.5	5.3	6.1	6.9
66.25°	0.0	0.6	1.2	1.9	2.5	3.1	4.0	4.8	5.6	6.5	7.3
65°	0.0	0.7	1.3	2.0	2.6	3.3	4.2	5.1	6.0	6.8	7.7
63.75°	0.0	0.7	1.4	2.1	2.7	3.5	4.5	5.4	6.3	7.2	8.1
62.5°	0.0	0.7	1.4	2.1	2.9	3.7	4.7	5.7	6.6	7.6	8.5
61.25°	0.0	0.7	1.5	2.2	3.0	3.9	4.9	5.9	6.9	7.9	8.9
60°	0.0	0.8	1.5	2.3	3.1	4.1	5.2	6.2	7.3	8.3	9.3
58.75°	0.0	0.8	1.6	2.4	3.3	4.3	5.4	6.5	7.6	8.6	9.7
57.5°	0.0	0.8	1.7	2.5	3.4	4.5	5.7	6.8	7.9	9.0	10.1
56.25°	0.0	0.9	1.7	2.6	3.6	4.7	5.9	7.0	8.2	9.3	10.4
55°	0.0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.5	9.6	10.8
53.75°	0.0	0.9	1.8	2.7	3.9	5.1	6.3	7.6	8.8	10.0	11.2
52.5°	0.0	0.9	1.9	2.8	4.0	5.3	6.6	7.8	9.1	10.3	11.5
51.25°	0.0	1.0	1.9	2.9	4.2	5.5	6.8	8.1	9.3	10.6	11.9
50°	0.0	1.0	2.0	3.0	4.3	5.6	7.0	8.3	9.6	10.9	12.2
48.75°	0.0	1.0	2.0	3.1	4.4	5.8	7.2	8.5	9.9	11.2	12.6
47.5°	0.0	1.0	2.1	3.2	4.6	6.0	7.4	8.8	10.1	11.5	12.9
46.25°	0.0	1.1	2.1	3.3	4.7	6.2	7.6	9.0	10.4	11.8	13.3
45°	0.0	1.1	2.2	3.4	4.8	6.3	7.8	9.2	10.7	12.1	13.6
43.75°	0.0	1.1	2.2	3.4	5.0	6.5	8.0	9.4	10.9	12.4	13.9
42.5°	0.0	1.1	2.3	3.5	5.1	6.6	8.2	9.7	11.2	12.7	14.2
41.25°	0.0	1.2	2.3	3.6	5.2	6.8	8.3	9.9	11.4	13.0	14.5
40°	0.0	1.2	2.4	3.7	5.3	6.9	8.5	10.1	11.6	13.2	14.8
38.75°	0.0	1.2	2.4	3.8	5.4	7.1	8.7	10.3	11.9	13.5	15.1
37.5°	0.0	1.2	2.5	3.9	5.6	7.2	8.8	10.5	12.1	13.8	15.4
36.25°	0.0	1.2	2.5	4.0	5.7	7.4	9.0	10.7	12.3	14.0	15.7
35°	0.0	1.3	2.5	4.1	5.8	7.5	9.2	10.8	12.5	14.2	15.9



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.3	2.6	4.1	5.9	7.6	9.3	11.0	12.7	14.5	16.1
32.5°	0.0	1.3	2.6	4.2	6.0	7.7	9.5	11.2	12.9	14.7	16.2
31.25°	0.0	1.3	2.7	4.3	6.1	7.9	9.6	11.4	13.1	14.9	16.4
30°	0.0	1.3	2.7	4.4	6.2	8.0	9.7	11.5	13.3	15.1	16.6
28.75°	0.0	1.4	2.7	4.4	6.3	8.1	9.9	11.7	13.5	15.3	16.8
27.5°	0.0	1.4	2.7	4.5	6.3	8.2	10.0	11.8	13.7	15.5	16.9
26.25°	0.0	1.4	2.8	4.5	6.4	8.3	10.1	12.0	13.9	15.7	17.1
25°	0.0	1.4	2.8	4.6	6.5	8.4	10.2	12.1	14.0	15.8	17.2
23.75°	0.0	1.4	2.8	4.7	6.6	8.5	10.4	12.2	14.2	16.0	17.4
22.5°	0.0	1.4	2.9	4.7	6.7	8.6	10.5	12.4	14.3	16.1	17.5
21.25°	0.0	1.4	2.9	4.8	6.7	8.7	10.6	12.5	14.4	16.2	17.6
20°	0.0	1.5	2.9	4.8	6.8	8.7	10.7	12.6	14.6	16.3	17.8
18.75°	0.0	1.5	2.9	4.9	6.9	8.8	10.7	12.7	14.7	16.4	17.9
17.5°	0.0	1.5	3.0	4.9	6.9	8.9	10.8	12.8	14.8	16.5	18.0
16.25°	0.0	1.5	3.0	4.9	7.0	8.9	10.9	12.9	14.9	16.6	18.1
15°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.7	18.2
13.75°	0.0	1.5	3.0	5.0	7.1	9.1	11.0	13.1	15.1	16.7	18.2
12.5°	0.0	1.5	3.0	5.1	7.1	9.1	11.1	13.1	15.2	16.8	18.3
11.25°	0.0	1.5	3.0	5.1	7.1	9.2	11.2	13.2	15.3	16.9	18.4
10°	0.0	1.5	3.1	5.1	7.2	9.2	11.2	13.3	15.3	16.9	18.5
8.75°	0.0	1.5	3.1	5.1	7.2	9.2	11.3	13.3	15.4	17.0	18.5
7.5°	0.0	1.5	3.1	5.1	7.2	9.3	11.3	13.4	15.5	17.0	18.6
6.25°	0.0	1.5	3.1	5.2	7.2	9.3	11.3	13.4	15.5	17.1	18.6
5°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.4	15.5	17.1	18.6
3.75°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.5	15.6	17.1	18.7
2.5°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.5	15.6	17.1	18.7
1.25°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.5	15.6	17.1	18.7
0°	0.0	1.5	3.1	5.2	7.3	9.4	11.4	13.5	15.6	17.2	18.7
-1.25°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.5	15.6	17.1	18.7
-2.5°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.5	15.6	17.1	18.7
-3.75°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.5	15.6	17.1	18.7
-5°	0.0	1.5	3.1	5.2	7.3	9.3	11.4	13.4	15.5	17.1	18.6
-6.25°	0.0	1.5	3.1	5.2	7.2	9.3	11.3	13.4	15.5	17.1	18.6
-7.5°	0.0	1.5	3.1	5.1	7.2	9.3	11.3	13.4	15.5	17.0	18.6
-8.75°	0.0	1.5	3.1	5.1	7.2	9.2	11.3	13.3	15.4	17.0	18.5
-10°	0.0	1.5	3.1	5.1	7.2	9.2	11.2	13.3	15.3	16.9	18.5
-11.25°	0.0	1.5	3.0	5.1	7.1	9.2	11.2	13.2	15.3	16.9	18.4
-12.5°	0.0	1.5	3.0	5.1	7.1	9.1	11.1	13.1	15.2	16.8	18.3
-13.75°	0.0	1.5	3.0	5.0	7.1	9.1	11.0	13.1	15.1	16.7	18.2
-15°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.7	18.2
-16.25°	0.0	1.5	3.0	4.9	7.0	8.9	10.9	12.9	14.9	16.6	18.1
-17.5°	0.0	1.5	3.0	4.9	6.9	8.9	10.8	12.8	14.8	16.5	18.0
-18.75°	0.0	1.5	2.9	4.9	6.9	8.8	10.7	12.7	14.7	16.4	17.9
-20°	0.0	1.5	2.9	4.8	6.8	8.7	10.7	12.6	14.6	16.3	17.8
-21.25°	0.0	1.4	2.9	4.8	6.7	8.7	10.6	12.5	14.4	16.2	17.6





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.4	2.9	4.7	6.7	8.6	10.5	12.4	14.3	16.1	17.5
-23.75°	0.0	1.4	2.8	4.7	6.6	8.5	10.4	12.2	14.2	16.0	17.4
-25°	0.0	1.4	2.8	4.6	6.5	8.4	10.2	12.1	14.0	15.8	17.2
-26.25°	0.0	1.4	2.8	4.5	6.4	8.3	10.1	12.0	13.9	15.7	17.1
-27.5°	0.0	1.4	2.7	4.5	6.3	8.2	10.0	11.8	13.7	15.5	16.9
-28.75°	0.0	1.4	2.7	4.4	6.3	8.1	9.9	11.7	13.5	15.3	16.8
-30°	0.0	1.3	2.7	4.4	6.2	8.0	9.7	11.5	13.3	15.1	16.6
-31.25°	0.0	1.3	2.7	4.3	6.1	7.9	9.6	11.4	13.1	14.9	16.4
-32.5°	0.0	1.3	2.6	4.2	6.0	7.7	9.5	11.2	12.9	14.7	16.2
-33.75°	0.0	1.3	2.6	4.1	5.9	7.6	9.3	11.0	12.7	14.5	16.1
-35°	0.0	1.3	2.5	4.1	5.8	7.5	9.2	10.8	12.5	14.2	15.9
-36.25°	0.0	1.2	2.5	4.0	5.7	7.4	9.0	10.7	12.3	14.0	15.7
-37.5°	0.0	1.2	2.5	3.9	5.6	7.2	8.8	10.5	12.1	13.8	15.4
-38.75°	0.0	1.2	2.4	3.8	5.4	7.1	8.7	10.3	11.9	13.5	15.1
-40°	0.0	1.2	2.4	3.7	5.3	6.9	8.5	10.1	11.6	13.2	14.8
-41.25°	0.0	1.2	2.3	3.6	5.2	6.8	8.3	9.9	11.4	13.0	14.5
-42.5°	0.0	1.1	2.3	3.5	5.1	6.6	8.2	9.7	11.2	12.7	14.2
-43.75°	0.0	1.1	2.2	3.4	5.0	6.5	8.0	9.4	10.9	12.4	13.9
-45°	0.0	1.1	2.2	3.4	4.8	6.3	7.8	9.2	10.7	12.1	13.6
-46.25°	0.0	1.1	2.1	3.3	4.7	6.2	7.6	9.0	10.4	11.8	13.3
-47.5°	0.0	1.0	2.1	3.2	4.6	6.0	7.4	8.8	10.1	11.5	12.9
-48.75°	0.0	1.0	2.0	3.1	4.4	5.8	7.2	8.5	9.9	11.2	12.6
-50°	0.0	1.0	2.0	3.0	4.3	5.6	7.0	8.3	9.6	10.9	12.2
-51.25°	0.0	1.0	1.9	2.9	4.2	5.5	6.8	8.1	9.3	10.6	11.9
-52.5°	0.0	0.9	1.9	2.8	4.0	5.3	6.6	7.8	9.1	10.3	11.5
-53.75°	0.0	0.9	1.8	2.7	3.9	5.1	6.3	7.6	8.8	10.0	11.2
-55°	0.0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.5	9.6	10.8
-56.25°	0.0	0.9	1.7	2.6	3.6	4.7	5.9	7.0	8.2	9.3	10.4
-57.5°	0.0	0.8	1.7	2.5	3.4	4.5	5.7	6.8	7.9	9.0	10.1
-58.75°	0.0	0.8	1.6	2.4	3.3	4.3	5.4	6.5	7.6	8.6	9.7
-60°	0.0	0.8	1.5	2.3	3.1	4.1	5.2	6.2	7.3	8.3	9.3
-61.25°	0.0	0.7	1.5	2.2	3.0	3.9	4.9	5.9	6.9	7.9	8.9
-62.5°	0.0	0.7	1.4	2.1	2.9	3.7	4.7	5.7	6.6	7.6	8.5
-63.75°	0.0	0.7	1.4	2.1	2.7	3.5	4.5	5.4	6.3	7.2	8.1
-65°	0.0	0.7	1.3	2.0	2.6	3.3	4.2	5.1	6.0	6.8	7.7
-66.25°	0.0	0.6	1.2	1.9	2.5	3.1	4.0	4.8	5.6	6.5	7.3
-67.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.7	4.5	5.3	6.1	6.9
-68.75°	0.0	0.6	1.1	1.7	2.2	2.8	3.5	4.2	5.0	5.7	6.5
-70°	0.0	0.5	1.1	1.6	2.1	2.6	3.2	3.9	4.6	5.3	6.0
-71.25°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.6	4.3	4.9	5.6
-72.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3	3.9	4.6	5.2
-73.75°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.6	4.2	4.7
-75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.8	4.3
-76.25°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.4	3.9
-77.5°	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.4



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**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
87.5°	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
86.25°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
85°	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7
83.75°	1.8	2.0	2.2	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5
82.5°	2.2	2.4	2.6	2.8	3.0	3.2	3.5	3.7	4.0	4.2	4.5
81.25°	2.6	2.8	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4
80°	2.9	3.2	3.6	3.9	4.3	4.6	5.0	5.3	5.6	6.0	6.3
78.75°	3.4	3.8	4.2	4.6	4.9	5.3	5.7	6.1	6.5	6.8	7.2
77.5°	3.9	4.3	4.7	5.2	5.6	6.0	6.5	6.9	7.3	7.7	8.1
76.25°	4.3	4.8	5.3	5.8	6.3	6.7	7.2	7.7	8.1	8.6	9.0
75°	4.8	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9
73.75°	5.3	5.9	6.4	7.0	7.6	8.1	8.6	9.2	9.7	10.2	10.8
72.5°	5.8	6.4	7.0	7.6	8.2	8.8	9.4	9.9	10.5	11.1	11.6
71.25°	6.3	6.9	7.6	8.2	8.8	9.5	10.1	10.7	11.3	11.9	12.5
70°	6.7	7.4	8.1	8.8	9.5	10.1	10.8	11.4	12.1	12.8	13.4
68.75°	7.2	7.9	8.6	9.4	10.1	10.8	11.5	12.2	12.9	13.6	14.3
67.5°	7.7	8.4	9.2	9.9	10.7	11.4	12.2	12.9	13.7	14.4	15.2
66.25°	8.1	8.9	9.7	10.5	11.3	12.1	12.9	13.7	14.5	15.3	15.9
65°	8.6	9.4	10.2	11.1	11.9	12.8	13.6	14.4	15.3	16.0	16.6
63.75°	9.0	9.9	10.8	11.6	12.5	13.4	14.3	15.2	15.9	16.6	17.2
62.5°	9.4	10.4	11.3	12.2	13.1	14.1	15.0	15.8	16.5	17.2	17.8
61.25°	9.9	10.8	11.8	12.8	13.7	14.7	15.6	16.4	17.1	17.7	18.4
60°	10.3	11.3	12.3	13.3	14.3	15.3	16.1	16.9	17.6	18.3	18.9
58.75°	10.7	11.8	12.8	13.9	14.9	15.9	16.6	17.4	18.2	18.8	19.3
57.5°	11.1	12.2	13.3	14.4	15.5	16.3	17.1	17.9	18.7	19.2	19.7
56.25°	11.5	12.7	13.8	15.0	16.0	16.8	17.6	18.4	19.1	19.6	20.1
55°	12.0	13.1	14.3	15.5	16.4	17.2	18.1	18.9	19.4	20.0	20.5
53.75°	12.4	13.6	14.8	15.9	16.8	17.7	18.5	19.2	19.8	20.4	21.1
52.5°	12.8	14.0	15.3	16.3	17.2	18.1	18.9	19.5	20.1	20.7	21.8
51.25°	13.2	14.5	15.7	16.7	17.6	18.5	19.2	19.8	20.5	21.4	22.6
50°	13.6	14.9	16.0	17.0	18.0	18.9	19.5	20.2	20.8	22.1	23.3
48.75°	13.9	15.3	16.4	17.4	18.4	19.1	19.8	20.5	21.5	22.7	24.0
47.5°	14.3	15.7	16.7	17.7	18.7	19.4	20.1	20.8	22.1	23.4	24.7
46.25°	14.7	16.0	17.0	18.1	19.0	19.7	20.4	21.4	22.7	24.1	25.5
45°	15.1	16.3	17.4	18.4	19.2	20.0	20.7	21.9	23.3	24.7	26.4
43.75°	15.4	16.6	17.7	18.7	19.5	20.2	21.1	22.5	23.9	25.5	27.3
42.5°	15.7	16.8	18.0	19.0	19.7	20.5	21.6	23.1	24.5	26.3	28.1
41.25°	16.0	17.1	18.3	19.2	19.9	20.7	22.1	23.6	25.2	27.0	28.9
40°	16.2	17.4	18.5	19.4	20.2	21.1	22.6	24.2	25.9	27.8	29.7
38.75°	16.4	17.6	18.8	19.6	20.4	21.6	23.1	24.7	26.6	28.5	30.5
37.5°	16.7	17.9	19.0	19.8	20.6	22.0	23.6	25.3	27.3	29.2	31.5
36.25°	16.9	18.1	19.2	20.0	20.8	22.5	24.1	25.9	27.9	29.9	32.4
35°	17.1	18.4	19.3	20.2	21.2	22.9	24.5	26.5	28.6	30.7	33.2



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	17.3	18.6	19.5	20.4	21.6	23.3	25.0	27.1	29.2	31.5	34.1
32.5°	17.5	18.8	19.7	20.5	22.0	23.7	25.5	27.7	29.8	32.3	34.9
31.25°	17.7	18.9	19.8	20.7	22.4	24.1	26.0	28.2	30.5	33.1	35.7
30°	17.9	19.1	20.0	21.0	22.7	24.5	26.5	28.8	31.1	33.8	36.5
28.75°	18.1	19.2	20.1	21.3	23.0	24.8	27.0	29.3	31.8	34.5	37.3
27.5°	18.3	19.3	20.3	21.6	23.4	25.2	27.5	29.8	32.4	35.2	38.1
26.25°	18.5	19.5	20.4	21.9	23.7	25.7	28.0	30.3	33.1	35.8	38.9
25°	18.6	19.6	20.5	22.1	24.0	26.1	28.4	30.8	33.6	36.5	39.7
23.75°	18.8	19.7	20.7	22.4	24.3	26.4	28.8	31.4	34.2	37.1	40.4
22.5°	18.9	19.8	20.8	22.7	24.5	26.8	29.2	31.9	34.7	37.8	41.1
21.25°	19.0	19.9	21.0	22.9	24.8	27.2	29.6	32.4	35.3	38.4	41.7
20°	19.0	20.0	21.2	23.1	25.1	27.5	29.9	32.8	35.7	39.0	42.3
18.75°	19.1	20.1	21.4	23.3	25.4	27.8	30.3	33.2	36.2	39.5	42.9
17.5°	19.2	20.2	21.6	23.5	25.6	28.1	30.7	33.6	36.7	40.1	43.5
16.25°	19.3	20.3	21.8	23.7	25.9	28.4	31.0	34.0	37.1	40.5	44.0
15°	19.3	20.4	21.9	23.9	26.1	28.6	31.3	34.4	37.5	41.0	44.5
13.75°	19.4	20.4	22.1	24.1	26.3	28.9	31.6	34.7	37.9	41.4	44.9
12.5°	19.5	20.5	22.2	24.2	26.5	29.1	31.9	35.0	38.3	41.8	45.3
11.25°	19.5	20.6	22.3	24.3	26.7	29.3	32.2	35.3	38.6	42.1	45.7
10°	19.6	20.6	22.4	24.5	26.9	29.4	32.4	35.5	38.9	42.4	46.0
8.75°	19.6	20.6	22.5	24.6	27.0	29.6	32.6	35.7	39.2	42.7	46.3
7.5°	19.6	20.7	22.6	24.6	27.2	29.7	32.8	35.9	39.4	42.9	46.5
6.25°	19.7	20.7	22.7	24.7	27.3	29.8	32.9	36.0	39.6	43.1	46.8
5°	19.7	20.8	22.7	24.8	27.3	29.9	33.0	36.2	39.7	43.3	46.9
3.75°	19.7	20.8	22.8	24.8	27.4	30.0	33.1	36.3	39.8	43.4	47.1
2.5°	19.7	20.8	22.8	24.9	27.5	30.1	33.2	36.3	39.9	43.5	47.2
1.25°	19.7	20.8	22.8	24.9	27.5	30.1	33.2	36.4	40.0	43.6	47.2
0°	19.8	20.8	22.9	24.9	27.5	30.1	33.3	36.4	40.0	43.6	47.3
-1.25°	19.7	20.8	22.8	24.9	27.5	30.1	33.2	36.4	40.0	43.6	47.2
-2.5°	19.7	20.8	22.8	24.9	27.5	30.1	33.2	36.3	39.9	43.5	47.2
-3.75°	19.7	20.8	22.8	24.8	27.4	30.0	33.1	36.3	39.8	43.4	47.1
-5°	19.7	20.8	22.7	24.8	27.3	29.9	33.0	36.2	39.7	43.3	46.9
-6.25°	19.7	20.7	22.7	24.7	27.3	29.8	32.9	36.0	39.6	43.1	46.8
-7.5°	19.6	20.7	22.6	24.6	27.2	29.7	32.8	35.9	39.4	42.9	46.5
-8.75°	19.6	20.6	22.5	24.6	27.0	29.6	32.6	35.7	39.2	42.7	46.3
-10°	19.6	20.6	22.4	24.5	26.9	29.4	32.4	35.5	38.9	42.4	46.0
-11.25°	19.5	20.6	22.3	24.3	26.7	29.3	32.2	35.3	38.6	42.1	45.7
-12.5°	19.5	20.5	22.2	24.2	26.5	29.1	31.9	35.0	38.3	41.8	45.3
-13.75°	19.4	20.4	22.1	24.1	26.3	28.9	31.6	34.7	37.9	41.4	44.9
-15°	19.3	20.4	21.9	23.9	26.1	28.6	31.3	34.4	37.5	41.0	44.5
-16.25°	19.3	20.3	21.8	23.7	25.9	28.4	31.0	34.0	37.1	40.5	44.0
-17.5°	19.2	20.2	21.6	23.5	25.6	28.1	30.7	33.6	36.7	40.1	43.5
-18.75°	19.1	20.1	21.4	23.3	25.4	27.8	30.3	33.2	36.2	39.5	42.9
-20°	19.0	20.0	21.2	23.1	25.1	27.5	29.9	32.8	35.7	39.0	42.3
-21.25°	19.0	19.9	21.0	22.9	24.8	27.2	29.6	32.4	35.3	38.4	41.7



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	18.9	19.8	20.8	22.7	24.5	26.8	29.2	31.9	34.7	37.8	41.1
-23.75°	18.8	19.7	20.7	22.4	24.3	26.4	28.8	31.4	34.2	37.1	40.4
-25°	18.6	19.6	20.5	22.1	24.0	26.1	28.4	30.8	33.6	36.5	39.7
-26.25°	18.5	19.5	20.4	21.9	23.7	25.7	28.0	30.3	33.1	35.8	38.9
-27.5°	18.3	19.3	20.3	21.6	23.4	25.2	27.5	29.8	32.4	35.2	38.1
-28.75°	18.1	19.2	20.1	21.3	23.0	24.8	27.0	29.3	31.8	34.5	37.3
-30°	17.9	19.1	20.0	21.0	22.7	24.5	26.5	28.8	31.1	33.8	36.5
-31.25°	17.7	18.9	19.8	20.7	22.4	24.1	26.0	28.2	30.5	33.1	35.7
-32.5°	17.5	18.8	19.7	20.5	22.0	23.7	25.5	27.7	29.8	32.3	34.9
-33.75°	17.3	18.6	19.5	20.4	21.6	23.3	25.0	27.1	29.2	31.5	34.1
-35°	17.1	18.4	19.3	20.2	21.2	22.9	24.5	26.5	28.6	30.7	33.2
-36.25°	16.9	18.1	19.2	20.0	20.8	22.5	24.1	25.9	27.9	29.9	32.4
-37.5°	16.7	17.9	19.0	19.8	20.6	22.0	23.6	25.3	27.3	29.2	31.5
-38.75°	16.4	17.6	18.8	19.6	20.4	21.6	23.1	24.7	26.6	28.5	30.5
-40°	16.2	17.4	18.5	19.4	20.2	21.1	22.6	24.2	25.9	27.8	29.7
-41.25°	16.0	17.1	18.3	19.2	19.9	20.7	22.1	23.6	25.2	27.0	28.9
-42.5°	15.7	16.8	18.0	19.0	19.7	20.5	21.6	23.1	24.5	26.3	28.1
-43.75°	15.4	16.6	17.7	18.7	19.5	20.2	21.1	22.5	23.9	25.5	27.3
-45°	15.1	16.3	17.4	18.4	19.2	20.0	20.7	21.9	23.3	24.7	26.4
-46.25°	14.7	16.0	17.0	18.1	19.0	19.7	20.4	21.4	22.7	24.1	25.5
-47.5°	14.3	15.7	16.7	17.7	18.7	19.4	20.1	20.8	22.1	23.4	24.7
-48.75°	13.9	15.3	16.4	17.4	18.4	19.1	19.8	20.5	21.5	22.7	24.0
-50°	13.6	14.9	16.0	17.0	18.0	18.9	19.5	20.2	20.8	22.1	23.3
-51.25°	13.2	14.5	15.7	16.7	17.6	18.5	19.2	19.8	20.5	21.4	22.6
-52.5°	12.8	14.0	15.3	16.3	17.2	18.1	18.9	19.5	20.1	20.7	21.8
-53.75°	12.4	13.6	14.8	15.9	16.8	17.7	18.5	19.2	19.8	20.4	21.1
-55°	12.0	13.1	14.3	15.5	16.4	17.2	18.1	18.9	19.4	20.0	20.5
-56.25°	11.5	12.7	13.8	15.0	16.0	16.8	17.6	18.4	19.1	19.6	20.1
-57.5°	11.1	12.2	13.3	14.4	15.5	16.3	17.1	17.9	18.7	19.2	19.7
-58.75°	10.7	11.8	12.8	13.9	14.9	15.9	16.6	17.4	18.2	18.8	19.3
-60°	10.3	11.3	12.3	13.3	14.3	15.3	16.1	16.9	17.6	18.3	18.9
-61.25°	9.9	10.8	11.8	12.8	13.7	14.7	15.6	16.4	17.1	17.7	18.4
-62.5°	9.4	10.4	11.3	12.2	13.1	14.1	15.0	15.8	16.5	17.2	17.8
-63.75°	9.0	9.9	10.8	11.6	12.5	13.4	14.3	15.2	15.9	16.6	17.2
-65°	8.6	9.4	10.2	11.1	11.9	12.8	13.6	14.4	15.3	16.0	16.6
-66.25°	8.1	8.9	9.7	10.5	11.3	12.1	12.9	13.7	14.5	15.3	15.9
-67.5°	7.7	8.4	9.2	9.9	10.7	11.4	12.2	12.9	13.7	14.4	15.2
-68.75°	7.2	7.9	8.6	9.4	10.1	10.8	11.5	12.2	12.9	13.6	14.3
-70°	6.7	7.4	8.1	8.8	9.5	10.1	10.8	11.4	12.1	12.8	13.4
-71.25°	6.3	6.9	7.6	8.2	8.8	9.5	10.1	10.7	11.3	11.9	12.5
-72.5°	5.8	6.4	7.0	7.6	8.2	8.8	9.4	9.9	10.5	11.1	11.6
-73.75°	5.3	5.9	6.4	7.0	7.6	8.1	8.6	9.2	9.7	10.2	10.8
-75°	4.8	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9
-76.25°	4.3	4.8	5.3	5.8	6.3	6.7	7.2	7.7	8.1	8.6	9.0
-77.5°	3.9	4.3	4.7	5.2	5.6	6.0	6.5	6.9	7.3	7.7	8.1



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	3.4	3.8	4.2	4.6	4.9	5.3	5.7	6.1	6.5	6.8	7.2
-80°	2.9	3.2	3.6	3.9	4.3	4.6	5.0	5.3	5.6	6.0	6.3
-81.25°	2.6	2.8	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4
-82.5°	2.2	2.4	2.6	2.8	3.0	3.2	3.5	3.7	4.0	4.2	4.5
-83.75°	1.8	2.0	2.2	2.3	2.5	2.6	2.8	3.0	3.1	3.3	3.5
-85°	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.4	2.5	2.6	2.7
-86.25°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-87.5°	0.7	0.8	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4
-88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	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: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0
87.5°	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
86.25°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0
85°	2.9	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.2	4.3
83.75°	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.6
82.5°	4.7	4.9	5.2	5.4	5.7	5.9	6.1	6.3	6.6	6.8	7.0
81.25°	5.7	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.1	8.3
80°	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.3	9.6
78.75°	7.6	7.9	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.9
77.5°	8.5	8.9	9.3	9.7	10.1	10.4	10.8	11.2	11.5	11.9	12.2
76.25°	9.4	9.9	10.3	10.7	11.1	11.5	12.0	12.4	12.8	13.2	13.6
75°	10.4	10.8	11.3	11.8	12.2	12.7	13.1	13.6	14.0	14.5	14.9
73.75°	11.3	11.8	12.3	12.8	13.3	13.8	14.3	14.8	15.3	15.7	16.0
72.5°	12.2	12.8	13.3	13.9	14.4	15.0	15.5	15.9	16.3	16.7	17.0
71.25°	13.1	13.7	14.3	14.9	15.5	16.0	16.4	16.8	17.2	17.6	18.0
70°	14.1	14.7	15.3	15.9	16.3	16.8	17.2	17.7	18.1	18.5	18.9
68.75°	15.0	15.6	16.1	16.6	17.1	17.6	18.1	18.5	18.9	19.2	19.5
67.5°	15.8	16.4	16.9	17.4	17.9	18.4	18.9	19.2	19.5	19.8	20.2
66.25°	16.5	17.1	17.6	18.2	18.7	19.1	19.4	19.8	20.1	20.5	20.8
65°	17.2	17.7	18.3	18.8	19.2	19.6	20.0	20.4	20.7	21.4	22.1
63.75°	17.8	18.4	18.9	19.3	19.7	20.1	20.5	21.1	21.8	22.6	23.3
62.5°	18.5	19.0	19.4	19.8	20.3	20.7	21.4	22.2	23.0	23.8	24.5
61.25°	19.0	19.4	19.9	20.3	20.8	21.6	22.5	23.3	24.1	24.9	26.0
60°	19.4	19.9	20.4	20.9	21.8	22.7	23.5	24.4	25.4	26.4	27.5
58.75°	19.8	20.3	20.9	21.8	22.7	23.7	24.6	25.7	26.8	27.9	29.0
57.5°	20.3	20.8	21.8	22.7	23.7	24.7	25.8	27.0	28.2	29.4	30.6
56.25°	20.7	21.6	22.7	23.7	24.7	25.9	27.2	28.4	29.6	31.0	32.4
55°	21.4	22.5	23.5	24.6	25.8	27.2	28.5	29.7	31.2	32.7	34.2
53.75°	22.2	23.3	24.4	25.7	27.0	28.4	29.7	31.3	32.9	34.4	36.0
52.5°	23.0	24.1	25.4	26.8	28.2	29.6	31.2	32.9	34.5	36.1	37.9
51.25°	23.8	24.9	26.4	27.9	29.4	31.0	32.7	34.4	36.1	38.0	39.9
50°	24.5	26.0	27.5	29.0	30.6	32.4	34.2	36.0	37.9	39.9	41.9
48.75°	25.4	27.0	28.5	30.1	32.0	33.9	35.7	37.7	39.8	41.8	43.8
47.5°	26.3	27.9	29.6	31.4	33.3	35.3	37.3	39.4	41.5	43.6	45.8
46.25°	27.2	28.9	30.7	32.7	34.7	36.7	38.9	41.1	43.3	45.5	47.7
45°	28.1	29.9	31.9	33.9	36.0	38.2	40.5	42.8	45.1	47.3	49.5
43.75°	29.0	30.9	33.1	35.2	37.4	39.7	42.1	44.4	46.8	49.1	51.2
42.5°	29.9	32.0	34.2	36.4	38.8	41.2	43.6	46.1	48.5	50.8	52.5
41.25°	30.9	33.1	35.3	37.7	40.2	42.7	45.2	47.7	50.1	52.1	53.8
40°	31.9	34.2	36.5	39.0	41.6	44.1	46.7	49.2	51.5	53.3	55.1
38.75°	32.9	35.2	37.7	40.3	42.9	45.6	48.2	50.8	52.7	54.5	56.3
37.5°	33.9	36.2	38.9	41.6	44.3	47.0	49.6	51.9	53.8	55.6	57.5
36.25°	34.8	37.3	40.1	42.8	45.6	48.3	51.0	52.9	54.9	56.8	58.6
35°	35.7	38.4	41.2	44.0	46.8	49.6	52.0	54.0	55.9	57.9	59.8



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	36.6	39.5	42.3	45.2	48.1	50.9	52.9	55.0	57.0	58.9	60.9
32.5°	37.6	40.5	43.4	46.4	49.3	51.8	53.9	55.9	58.0	60.0	61.8
31.25°	38.6	41.5	44.5	47.5	50.4	52.7	54.8	56.9	58.9	61.0	62.7
30°	39.5	42.5	45.5	48.6	51.4	53.5	55.7	57.8	59.9	61.8	63.5
28.75°	40.4	43.4	46.5	49.6	52.2	54.3	56.5	58.7	60.8	62.6	64.3
27.5°	41.2	44.3	47.5	50.6	52.9	55.1	57.3	59.5	61.6	63.3	65.0
26.25°	42.1	45.2	48.4	51.4	53.6	55.9	58.1	60.3	62.3	64.0	65.7
25°	42.8	46.1	49.3	52.0	54.3	56.6	58.8	61.1	62.9	64.7	66.2
23.75°	43.6	46.9	50.1	52.7	55.0	57.3	59.6	61.7	63.5	65.3	66.7
22.5°	44.3	47.6	50.9	53.3	55.6	57.9	60.3	62.3	64.1	65.8	67.2
21.25°	45.0	48.4	51.5	53.8	56.2	58.6	60.9	62.8	64.7	66.3	67.7
20°	45.7	49.1	52.0	54.4	56.8	59.2	61.5	63.4	65.2	66.7	68.2
18.75°	46.3	49.7	52.5	54.9	57.3	59.7	62.0	63.8	65.7	67.1	68.6
17.5°	46.9	50.3	52.9	55.4	57.8	60.3	62.4	64.3	66.0	67.5	69.0
16.25°	47.4	50.9	53.4	55.8	58.3	60.7	62.8	64.7	66.4	67.9	69.4
15°	47.9	51.3	53.8	56.3	58.7	61.2	63.2	65.1	66.7	68.2	69.7
13.75°	48.4	51.6	54.1	56.6	59.1	61.6	63.5	65.5	67.0	68.5	70.0
12.5°	48.8	52.0	54.5	57.0	59.5	61.9	63.8	65.7	67.3	68.8	70.3
11.25°	49.2	52.2	54.8	57.3	59.8	62.1	64.1	66.0	67.5	69.1	70.6
10°	49.6	52.5	55.1	57.6	60.2	62.4	64.4	66.2	67.7	69.3	70.8
8.75°	49.9	52.7	55.3	57.9	60.4	62.6	64.6	66.4	67.9	69.5	71.0
7.5°	50.2	52.9	55.5	58.1	60.7	62.8	64.8	66.5	68.1	69.7	71.2
6.25°	50.4	53.1	55.7	58.3	60.8	63.0	65.0	66.7	68.3	69.8	71.3
5°	50.6	53.3	55.8	58.4	61.0	63.1	65.1	66.8	68.4	69.9	71.5
3.75°	50.7	53.4	56.0	58.5	61.1	63.2	65.3	66.9	68.5	70.0	71.6
2.5°	50.8	53.4	56.0	58.6	61.2	63.3	65.3	66.9	68.5	70.1	71.6
1.25°	50.9	53.5	56.1	58.7	61.3	63.3	65.4	67.0	68.6	70.1	71.7
0°	50.9	53.5	56.1	58.7	61.3	63.4	65.4	67.0	68.6	70.2	71.7
-1.25°	50.9	53.5	56.1	58.7	61.3	63.3	65.4	67.0	68.6	70.1	71.7
-2.5°	50.8	53.4	56.0	58.6	61.2	63.3	65.3	66.9	68.5	70.1	71.6
-3.75°	50.7	53.4	56.0	58.5	61.1	63.2	65.3	66.9	68.5	70.0	71.6
-5°	50.6	53.3	55.8	58.4	61.0	63.1	65.1	66.8	68.4	69.9	71.5
-6.25°	50.4	53.1	55.7	58.3	60.8	63.0	65.0	66.7	68.3	69.8	71.3
-7.5°	50.2	52.9	55.5	58.1	60.7	62.8	64.8	66.5	68.1	69.7	71.2
-8.75°	49.9	52.7	55.3	57.9	60.4	62.6	64.6	66.4	67.9	69.5	71.0
-10°	49.6	52.5	55.1	57.6	60.2	62.4	64.4	66.2	67.7	69.3	70.8
-11.25°	49.2	52.2	54.8	57.3	59.8	62.1	64.1	66.0	67.5	69.1	70.6
-12.5°	48.8	52.0	54.5	57.0	59.5	61.9	63.8	65.7	67.3	68.8	70.3
-13.75°	48.4	51.6	54.1	56.6	59.1	61.6	63.5	65.5	67.0	68.5	70.0
-15°	47.9	51.3	53.8	56.3	58.7	61.2	63.2	65.1	66.7	68.2	69.7
-16.25°	47.4	50.9	53.4	55.8	58.3	60.7	62.8	64.7	66.4	67.9	69.4
-17.5°	46.9	50.3	52.9	55.4	57.8	60.3	62.4	64.3	66.0	67.5	69.0
-18.75°	46.3	49.7	52.5	54.9	57.3	59.7	62.0	63.8	65.7	67.1	68.6
-20°	45.7	49.1	52.0	54.4	56.8	59.2	61.5	63.4	65.2	66.7	68.2
-21.25°	45.0	48.4	51.5	53.8	56.2	58.6	60.9	62.8	64.7	66.3	67.7





REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	44.3	47.6	50.9	53.3	55.6	57.9	60.3	62.3	64.1	65.8	67.2
-23.75°	43.6	46.9	50.1	52.7	55.0	57.3	59.6	61.7	63.5	65.3	66.7
-25°	42.8	46.1	49.3	52.0	54.3	56.6	58.8	61.1	62.9	64.7	66.2
-26.25°	42.1	45.2	48.4	51.4	53.6	55.9	58.1	60.3	62.3	64.0	65.7
-27.5°	41.2	44.3	47.5	50.6	52.9	55.1	57.3	59.5	61.6	63.3	65.0
-28.75°	40.4	43.4	46.5	49.6	52.2	54.3	56.5	58.7	60.8	62.6	64.3
-30°	39.5	42.5	45.5	48.6	51.4	53.5	55.7	57.8	59.9	61.8	63.5
-31.25°	38.6	41.5	44.5	47.5	50.4	52.7	54.8	56.9	58.9	61.0	62.7
-32.5°	37.6	40.5	43.4	46.4	49.3	51.8	53.9	55.9	58.0	60.0	61.8
-33.75°	36.6	39.5	42.3	45.2	48.1	50.9	52.9	55.0	57.0	58.9	60.9
-35°	35.7	38.4	41.2	44.0	46.8	49.6	52.0	54.0	55.9	57.9	59.8
-36.25°	34.8	37.3	40.1	42.8	45.6	48.3	51.0	52.9	54.9	56.8	58.6
-37.5°	33.9	36.2	38.9	41.6	44.3	47.0	49.6	51.9	53.8	55.6	57.5
-38.75°	32.9	35.2	37.7	40.3	42.9	45.6	48.2	50.8	52.7	54.5	56.3
-40°	31.9	34.2	36.5	39.0	41.6	44.1	46.7	49.2	51.5	53.3	55.1
-41.25°	30.9	33.1	35.3	37.7	40.2	42.7	45.2	47.7	50.1	52.1	53.8
-42.5°	29.9	32.0	34.2	36.4	38.8	41.2	43.6	46.1	48.5	50.8	52.5
-43.75°	29.0	30.9	33.1	35.2	37.4	39.7	42.1	44.4	46.8	49.1	51.2
-45°	28.1	29.9	31.9	33.9	36.0	38.2	40.5	42.8	45.1	47.3	49.5
-46.25°	27.2	28.9	30.7	32.7	34.7	36.7	38.9	41.1	43.3	45.5	47.7
-47.5°	26.3	27.9	29.6	31.4	33.3	35.3	37.3	39.4	41.5	43.6	45.8
-48.75°	25.4	27.0	28.5	30.1	32.0	33.9	35.7	37.7	39.8	41.8	43.8
-50°	24.5	26.0	27.5	29.0	30.6	32.4	34.2	36.0	37.9	39.9	41.9
-51.25°	23.8	24.9	26.4	27.9	29.4	31.0	32.7	34.4	36.1	38.0	39.9
-52.5°	23.0	24.1	25.4	26.8	28.2	29.6	31.2	32.9	34.5	36.1	37.9
-53.75°	22.2	23.3	24.4	25.7	27.0	28.4	29.7	31.3	32.9	34.4	36.0
-55°	21.4	22.5	23.5	24.6	25.8	27.2	28.5	29.7	31.2	32.7	34.2
-56.25°	20.7	21.6	22.7	23.7	24.7	25.9	27.2	28.4	29.6	31.0	32.4
-57.5°	20.3	20.8	21.8	22.7	23.7	24.7	25.8	27.0	28.2	29.4	30.6
-58.75°	19.8	20.3	20.9	21.8	22.7	23.7	24.6	25.7	26.8	27.9	29.0
-60°	19.4	19.9	20.4	20.9	21.8	22.7	23.5	24.4	25.4	26.4	27.5
-61.25°	19.0	19.4	19.9	20.3	20.8	21.6	22.5	23.3	24.1	24.9	26.0
-62.5°	18.5	19.0	19.4	19.8	20.3	20.7	21.4	22.2	23.0	23.8	24.5
-63.75°	17.8	18.4	18.9	19.3	19.7	20.1	20.5	21.1	21.8	22.6	23.3
-65°	17.2	17.7	18.3	18.8	19.2	19.6	20.0	20.4	20.7	21.4	22.1
-66.25°	16.5	17.1	17.6	18.2	18.7	19.1	19.4	19.8	20.1	20.5	20.8
-67.5°	15.8	16.4	16.9	17.4	17.9	18.4	18.9	19.2	19.5	19.8	20.2
-68.75°	15.0	15.6	16.1	16.6	17.1	17.6	18.1	18.5	18.9	19.2	19.5
-70°	14.1	14.7	15.3	15.9	16.3	16.8	17.2	17.7	18.1	18.5	18.9
-71.25°	13.1	13.7	14.3	14.9	15.5	16.0	16.4	16.8	17.2	17.6	18.0
-72.5°	12.2	12.8	13.3	13.9	14.4	15.0	15.5	15.9	16.3	16.7	17.0
-73.75°	11.3	11.8	12.3	12.8	13.3	13.8	14.3	14.8	15.3	15.7	16.0
-75°	10.4	10.8	11.3	11.8	12.2	12.7	13.1	13.6	14.0	14.5	14.9
-76.25°	9.4	9.9	10.3	10.7	11.1	11.5	12.0	12.4	12.8	13.2	13.6
-77.5°	8.5	8.9	9.3	9.7	10.1	10.4	10.8	11.2	11.5	11.9	12.2



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	7.6	7.9	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.9
-80°	6.6	6.9	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.3	9.6
-81.25°	5.7	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.1	8.3
-82.5°	4.7	4.9	5.2	5.4	5.7	5.9	6.1	6.3	6.6	6.8	7.0
-83.75°	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.6
-85°	2.9	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.2	4.3
-86.25°	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0
-87.5°	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	2.0
-88.75°	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
87.5°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5
86.25°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0
85°	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.4	5.6	5.7
83.75°	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4
82.5°	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7	8.8	9.0
81.25°	8.5	8.8	9.0	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7
80°	9.9	10.1	10.4	10.7	10.9	11.2	11.4	11.6	11.9	12.1	12.3
78.75°	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0
77.5°	12.6	12.9	13.3	13.6	13.9	14.2	14.5	14.8	15.1	15.4	15.7
76.25°	13.9	14.3	14.7	15.1	15.4	15.7	16.0	16.2	16.4	16.7	16.9
75°	15.3	15.7	16.0	16.3	16.6	16.8	17.1	17.4	17.6	17.9	18.1
73.75°	16.4	16.7	17.0	17.4	17.7	18.0	18.3	18.5	18.8	19.0	19.2
72.5°	17.4	17.7	18.1	18.4	18.7	19.0	19.2	19.4	19.6	19.8	20.0
71.25°	18.4	18.7	19.0	19.2	19.5	19.7	19.9	20.2	20.4	20.6	20.8
70°	19.1	19.4	19.7	20.0	20.2	20.5	20.7	21.1	21.6	22.0	22.5
68.75°	19.8	20.1	20.4	20.7	21.1	21.6	22.1	22.6	23.1	23.6	24.1
67.5°	20.5	20.8	21.4	21.9	22.5	23.1	23.6	24.2	24.7	25.3	25.9
66.25°	21.5	22.1	22.7	23.3	23.9	24.5	25.2	25.9	26.6	27.3	27.9
65°	22.7	23.4	24.1	24.7	25.5	26.3	27.0	27.8	28.5	29.2	29.9
63.75°	24.0	24.7	25.5	26.4	27.3	28.1	28.9	29.7	30.5	31.5	32.4
62.5°	25.4	26.3	27.2	28.1	29.0	29.9	30.9	31.9	32.9	33.9	34.8
61.25°	27.0	27.9	28.9	29.9	30.9	32.0	33.1	34.2	35.2	36.2	37.3
60°	28.5	29.6	30.7	31.9	33.1	34.2	35.3	36.5	37.7	38.9	40.1
58.75°	30.1	31.4	32.7	33.9	35.2	36.4	37.7	39.0	40.3	41.6	42.8
57.5°	32.0	33.3	34.7	36.0	37.4	38.8	40.2	41.6	42.9	44.3	45.6
56.25°	33.9	35.3	36.7	38.2	39.7	41.2	42.7	44.1	45.6	47.0	48.3
55°	35.7	37.3	38.9	40.5	42.1	43.6	45.2	46.7	48.2	49.6	51.0
53.75°	37.7	39.4	41.1	42.8	44.4	46.1	47.7	49.2	50.8	51.9	52.9
52.5°	39.8	41.5	43.3	45.1	46.8	48.5	50.1	51.5	52.7	53.8	54.9
51.25°	41.8	43.6	45.5	47.3	49.1	50.8	52.1	53.3	54.5	55.6	56.8
50°	43.8	45.8	47.7	49.5	51.2	52.5	53.8	55.1	56.3	57.5	58.6
48.75°	45.8	47.8	49.8	51.5	52.9	54.2	55.5	56.8	58.1	59.3	60.5
47.5°	47.8	49.9	51.6	53.1	54.5	55.8	57.2	58.5	59.8	61.1	62.1
46.25°	49.8	51.6	53.1	54.6	56.0	57.5	58.9	60.2	61.5	62.6	63.6
45°	51.5	53.1	54.6	56.1	57.6	59.1	60.5	61.8	62.9	64.0	65.0
43.75°	52.9	54.5	56.0	57.6	59.1	60.6	61.9	63.1	64.2	65.3	66.2
42.5°	54.2	55.8	57.5	59.1	60.6	62.0	63.2	64.4	65.5	66.4	67.3
41.25°	55.5	57.2	58.9	60.5	61.9	63.2	64.4	65.6	66.5	67.5	68.4
40°	56.8	58.5	60.2	61.8	63.1	64.4	65.6	66.6	67.6	68.5	69.4
38.75°	58.1	59.8	61.5	62.9	64.2	65.5	66.5	67.6	68.5	69.5	70.4
37.5°	59.3	61.1	62.6	64.0	65.3	66.4	67.5	68.5	69.5	70.5	71.4
36.25°	60.5	62.1	63.6	65.0	66.2	67.3	68.4	69.4	70.4	71.4	72.2
35°	61.6	63.1	64.6	65.9	67.0	68.2	69.2	70.3	71.3	72.1	72.8



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	62.5	64.0	65.5	66.7	67.9	69.0	70.1	71.2	72.1	72.8	73.5
32.5°	63.4	65.0	66.3	67.5	68.6	69.8	70.9	71.9	72.6	73.4	73.9
31.25°	64.3	65.8	67.0	68.2	69.4	70.6	71.7	72.5	73.2	73.9	74.2
30°	65.1	66.4	67.7	68.9	70.1	71.3	72.2	73.0	73.8	74.2	74.5
28.75°	65.8	67.1	68.4	69.6	70.8	71.9	72.7	73.5	74.1	74.4	74.8
27.5°	66.4	67.7	69.0	70.3	71.5	72.4	73.2	73.9	74.3	74.7	75.4
26.25°	67.0	68.3	69.6	70.9	72.0	72.9	73.7	74.2	74.6	75.1	75.9
25°	67.6	68.9	70.2	71.5	72.5	73.3	74.0	74.4	74.8	75.6	76.4
23.75°	68.1	69.5	70.8	72.0	72.9	73.8	74.2	74.6	75.3	76.1	77.0
22.5°	68.6	70.0	71.3	72.4	73.3	74.0	74.4	74.8	75.7	76.6	77.7
21.25°	69.1	70.5	71.8	72.7	73.6	74.2	74.6	75.3	76.2	77.1	78.4
20°	69.6	71.0	72.1	73.1	73.9	74.3	74.8	75.7	76.6	77.8	79.1
18.75°	70.0	71.4	72.5	73.4	74.1	74.5	75.1	76.1	77.0	78.4	79.7
17.5°	70.4	71.8	72.8	73.7	74.2	74.7	75.5	76.4	77.6	79.0	80.8
16.25°	70.8	72.1	73.0	73.9	74.4	74.8	75.8	76.8	78.1	79.5	82.1
15°	71.2	72.3	73.3	74.0	74.5	75.1	76.1	77.2	78.6	80.1	83.4
13.75°	71.5	72.6	73.5	74.2	74.6	75.4	76.4	77.6	79.1	81.2	84.6
12.5°	71.8	72.8	73.8	74.3	74.7	75.7	76.7	78.0	79.5	82.2	85.7
11.25°	71.9	73.0	73.9	74.4	74.9	75.9	76.9	78.4	79.9	83.2	86.6
10°	72.1	73.1	74.0	74.5	75.1	76.1	77.2	78.7	80.5	84.0	87.9
8.75°	72.3	73.3	74.0	74.5	75.3	76.3	77.5	79.0	81.2	84.8	90.1
7.5°	72.4	73.4	74.1	74.6	75.4	76.5	77.8	79.3	81.9	85.4	91.9
6.25°	72.5	73.5	74.2	74.7	75.6	76.6	78.0	79.5	82.4	86.0	93.5
5°	72.6	73.6	74.2	74.7	75.7	76.7	78.1	79.7	82.9	86.5	94.8
3.75°	72.7	73.7	74.3	74.8	75.7	76.8	78.3	79.8	83.2	86.8	95.8
2.5°	72.7	73.8	74.3	74.8	75.8	76.9	78.4	79.9	83.5	87.1	96.6
1.25°	72.7	73.8	74.3	74.8	75.8	76.9	78.4	79.9	83.6	87.2	97.0
0°	72.8	73.8	74.3	74.8	75.9	76.9	78.5	80.0	83.7	87.3	97.2
-1.25°	72.7	73.8	74.3	74.8	75.8	76.9	78.4	80.0	83.6	87.2	97.0
-2.5°	72.7	73.8	74.3	74.8	75.8	76.9	78.4	79.9	83.5	87.1	96.6
-3.75°	72.7	73.7	74.3	74.8	75.7	76.8	78.3	79.8	83.2	86.8	95.8
-5°	72.6	73.6	74.2	74.7	75.7	76.7	78.1	79.7	82.9	86.5	94.8
-6.25°	72.5	73.5	74.2	74.7	75.6	76.6	78.0	79.5	82.4	86.0	93.5
-7.5°	72.4	73.4	74.1	74.6	75.4	76.5	77.8	79.3	81.9	85.4	91.9
-8.75°	72.3	73.3	74.0	74.5	75.3	76.3	77.5	79.0	81.2	84.8	90.1
-10°	72.1	73.1	74.0	74.5	75.1	76.1	77.2	78.7	80.5	84.0	87.9
-11.25°	71.9	73.0	73.9	74.4	74.9	75.9	76.9	78.4	79.9	83.2	86.6
-12.5°	71.8	72.8	73.8	74.3	74.7	75.7	76.7	78.0	79.5	82.2	85.7
-13.75°	71.5	72.6	73.5	74.2	74.6	75.4	76.4	77.6	79.1	81.2	84.6
-15°	71.2	72.3	73.3	74.0	74.5	75.1	76.1	77.2	78.6	80.1	83.4
-16.25°	70.8	72.1	73.0	73.9	74.4	74.8	75.8	76.8	78.1	79.5	82.1
-17.5°	70.4	71.8	72.8	73.7	74.2	74.7	75.5	76.4	77.6	79.0	80.8
-18.75°	70.0	71.4	72.5	73.4	74.1	74.5	75.1	76.1	77.0	78.4	79.7
-20°	69.6	71.0	72.1	73.1	73.9	74.3	74.8	75.7	76.6	77.8	79.1
-21.25°	69.1	70.5	71.8	72.7	73.6	74.2	74.6	75.3	76.2	77.1	78.4



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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	68.6	70.0	71.3	72.4	73.3	74.0	74.4	74.8	75.7	76.6	77.7
-23.75°	68.1	69.5	70.8	72.0	72.9	73.8	74.2	74.6	75.3	76.1	77.0
-25°	67.6	68.9	70.2	71.5	72.5	73.3	74.0	74.4	74.8	75.6	76.4
-26.25°	67.0	68.3	69.6	70.9	72.0	72.9	73.7	74.2	74.6	75.1	75.9
-27.5°	66.4	67.7	69.0	70.3	71.5	72.4	73.2	73.9	74.3	74.7	75.4
-28.75°	65.8	67.1	68.4	69.6	70.8	71.9	72.7	73.5	74.1	74.4	74.8
-30°	65.1	66.4	67.7	68.9	70.1	71.3	72.2	73.0	73.8	74.2	74.5
-31.25°	64.3	65.8	67.0	68.2	69.4	70.6	71.7	72.5	73.2	73.9	74.2
-32.5°	63.4	65.0	66.3	67.5	68.6	69.8	70.9	71.9	72.6	73.4	73.9
-33.75°	62.5	64.0	65.5	66.7	67.9	69.0	70.1	71.2	72.1	72.8	73.5
-35°	61.6	63.1	64.6	65.9	67.0	68.2	69.2	70.3	71.3	72.1	72.8
-36.25°	60.5	62.1	63.6	65.0	66.2	67.3	68.4	69.4	70.4	71.4	72.2
-37.5°	59.3	61.1	62.6	64.0	65.3	66.4	67.5	68.5	69.5	70.5	71.4
-38.75°	58.1	59.8	61.5	62.9	64.2	65.5	66.5	67.6	68.5	69.5	70.4
-40°	56.8	58.5	60.2	61.8	63.1	64.4	65.6	66.6	67.6	68.5	69.4
-41.25°	55.5	57.2	58.9	60.5	61.9	63.2	64.4	65.6	66.5	67.5	68.4
-42.5°	54.2	55.8	57.5	59.1	60.6	62.0	63.2	64.4	65.5	66.4	67.3
-43.75°	52.9	54.5	56.0	57.6	59.1	60.6	61.9	63.1	64.2	65.3	66.2
-45°	51.5	53.1	54.6	56.1	57.6	59.1	60.5	61.8	62.9	64.0	65.0
-46.25°	49.8	51.6	53.1	54.6	56.0	57.5	58.9	60.2	61.5	62.6	63.6
-47.5°	47.8	49.9	51.6	53.1	54.5	55.8	57.2	58.5	59.8	61.1	62.1
-48.75°	45.8	47.8	49.8	51.5	52.9	54.2	55.5	56.8	58.1	59.3	60.5
-50°	43.8	45.8	47.7	49.5	51.2	52.5	53.8	55.1	56.3	57.5	58.6
-51.25°	41.8	43.6	45.5	47.3	49.1	50.8	52.1	53.3	54.5	55.6	56.8
-52.5°	39.8	41.5	43.3	45.1	46.8	48.5	50.1	51.5	52.7	53.8	54.9
-53.75°	37.7	39.4	41.1	42.8	44.4	46.1	47.7	49.2	50.8	51.9	52.9
-55°	35.7	37.3	38.9	40.5	42.1	43.6	45.2	46.7	48.2	49.6	51.0
-56.25°	33.9	35.3	36.7	38.2	39.7	41.2	42.7	44.1	45.6	47.0	48.3
-57.5°	32.0	33.3	34.7	36.0	37.4	38.8	40.2	41.6	42.9	44.3	45.6
-58.75°	30.1	31.4	32.7	33.9	35.2	36.4	37.7	39.0	40.3	41.6	42.8
-60°	28.5	29.6	30.7	31.9	33.1	34.2	35.3	36.5	37.7	38.9	40.1
-61.25°	27.0	27.9	28.9	29.9	30.9	32.0	33.1	34.2	35.2	36.2	37.3
-62.5°	25.4	26.3	27.2	28.1	29.0	29.9	30.9	31.9	32.9	33.9	34.8
-63.75°	24.0	24.7	25.5	26.4	27.3	28.1	28.9	29.7	30.5	31.5	32.4
-65°	22.7	23.4	24.1	24.7	25.5	26.3	27.0	27.8	28.5	29.2	29.9
-66.25°	21.5	22.1	22.7	23.3	23.9	24.5	25.2	25.9	26.6	27.3	27.9
-67.5°	20.5	20.8	21.4	21.9	22.5	23.1	23.6	24.2	24.7	25.3	25.9
-68.75°	19.8	20.1	20.4	20.7	21.1	21.6	22.1	22.6	23.1	23.6	24.1
-70°	19.1	19.4	19.7	20.0	20.2	20.5	20.7	21.1	21.6	22.0	22.5
-71.25°	18.4	18.7	19.0	19.2	19.5	19.7	19.9	20.2	20.4	20.6	20.8
-72.5°	17.4	17.7	18.1	18.4	18.7	19.0	19.2	19.4	19.6	19.8	20.0
-73.75°	16.4	16.7	17.0	17.4	17.7	18.0	18.3	18.5	18.8	19.0	19.2
-75°	15.3	15.7	16.0	16.3	16.6	16.8	17.1	17.4	17.6	17.9	18.1
-76.25°	13.9	14.3	14.7	15.1	15.4	15.7	16.0	16.2	16.4	16.7	16.9
-77.5°	12.6	12.9	13.3	13.6	13.9	14.2	14.5	14.8	15.1	15.4	15.7



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	11.2	11.5	11.8	12.1	12.4	12.7	13.0	13.2	13.5	13.8	14.0
-80°	9.9	10.1	10.4	10.7	10.9	11.2	11.4	11.6	11.9	12.1	12.3
-81.25°	8.5	8.8	9.0	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7
-82.5°	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7	8.8	9.0
-83.75°	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4
-85°	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.4	5.6	5.7
-86.25°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7	3.8	3.9	4.0
-87.5°	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5
-88.75°	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
87.5°	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9
86.25°	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.7	4.7
85°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.7
83.75°	7.5	7.6	7.7	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
82.5°	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.4	10.5
81.25°	10.8	11.0	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.2	12.4
80°	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.0	14.2	14.3
78.75°	14.2	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.1
77.5°	15.9	16.1	16.2	16.4	16.6	16.8	16.9	17.1	17.2	17.4	17.5
76.25°	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.6	18.8	18.9
75°	18.4	18.6	18.8	18.9	19.1	19.2	19.3	19.5	19.6	19.7	19.8
73.75°	19.3	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.5	20.7	20.8
72.5°	20.2	20.4	20.5	20.7	21.0	21.3	21.6	21.9	22.1	22.4	22.7
71.25°	21.2	21.6	22.0	22.4	22.7	23.0	23.4	23.7	24.0	24.3	24.5
70°	22.9	23.3	23.7	24.1	24.5	24.8	25.2	25.7	26.1	26.4	26.8
68.75°	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.4	28.8	29.2
67.5°	26.5	27.1	27.7	28.2	28.8	29.3	29.8	30.3	30.8	31.4	31.9
66.25°	28.6	29.2	29.8	30.5	31.1	31.8	32.4	33.1	33.6	34.2	34.7
65°	30.7	31.5	32.3	33.1	33.8	34.5	35.2	35.8	36.5	37.1	37.8
63.75°	33.2	34.1	34.9	35.7	36.5	37.3	38.1	38.9	39.7	40.4	41.1
62.5°	35.7	36.6	37.6	38.6	39.5	40.4	41.2	42.1	42.8	43.6	44.3
61.25°	38.4	39.5	40.5	41.5	42.5	43.4	44.3	45.2	46.1	46.9	47.6
60°	41.2	42.3	43.4	44.5	45.5	46.5	47.5	48.4	49.3	50.1	50.9
58.75°	44.0	45.2	46.4	47.5	48.6	49.6	50.6	51.4	52.0	52.7	53.3
57.5°	46.8	48.1	49.3	50.4	51.4	52.2	52.9	53.6	54.3	55.0	55.6
56.25°	49.6	50.9	51.8	52.7	53.5	54.3	55.1	55.9	56.6	57.3	57.9
55°	52.0	52.9	53.9	54.8	55.7	56.5	57.3	58.1	58.8	59.6	60.3
53.75°	54.0	55.0	55.9	56.9	57.8	58.7	59.5	60.3	61.1	61.7	62.3
52.5°	55.9	57.0	58.0	58.9	59.9	60.8	61.6	62.3	62.9	63.5	64.1
51.25°	57.9	58.9	60.0	61.0	61.8	62.6	63.3	64.0	64.7	65.3	65.8
50°	59.8	60.9	61.8	62.7	63.5	64.3	65.0	65.7	66.2	66.7	67.2
48.75°	61.6	62.5	63.4	64.3	65.1	65.8	66.4	67.0	67.6	68.1	68.6
47.5°	63.1	64.0	65.0	65.8	66.4	67.1	67.7	68.3	68.9	69.5	70.0
46.25°	64.6	65.5	66.3	67.0	67.7	68.4	69.0	69.6	70.2	70.8	71.3
45°	65.9	66.7	67.5	68.2	68.9	69.6	70.3	70.9	71.5	72.0	72.4
43.75°	67.0	67.9	68.6	69.4	70.1	70.8	71.5	72.0	72.5	72.9	73.3
42.5°	68.2	69.0	69.8	70.6	71.3	71.9	72.4	72.9	73.3	73.8	74.0
41.25°	69.2	70.1	70.9	71.7	72.2	72.7	73.2	73.7	74.0	74.2	74.4
40°	70.3	71.2	71.9	72.5	73.0	73.5	73.9	74.2	74.4	74.6	74.8
38.75°	71.3	72.1	72.6	73.2	73.8	74.1	74.3	74.6	74.8	75.3	75.7
37.5°	72.1	72.8	73.4	73.9	74.2	74.4	74.7	75.1	75.6	76.1	76.6
36.25°	72.8	73.5	73.9	74.2	74.5	74.8	75.4	75.9	76.4	77.0	77.7
35°	73.5	74.0	74.3	74.6	75.0	75.6	76.1	76.7	77.4	78.2	79.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	74.0	74.3	74.6	75.1	75.7	76.3	76.9	77.8	78.6	79.5	80.6
32.5°	74.3	74.6	75.1	75.8	76.4	77.1	78.0	78.9	79.8	81.5	83.5
31.25°	74.6	75.1	75.8	76.4	77.2	78.2	79.2	80.2	82.3	84.4	86.3
30°	75.0	75.7	76.4	77.2	78.3	79.3	80.6	82.8	85.0	87.1	92.3
28.75°	75.6	76.3	77.1	78.2	79.3	80.7	83.1	85.4	88.2	94.1	99.9
27.5°	76.1	76.9	78.0	79.2	80.6	83.1	85.5	88.9	95.2	101.3	107.5
26.25°	76.7	77.8	78.9	80.2	82.8	85.4	88.9	95.6	102.1	109.8	122.1
25°	77.4	78.6	79.8	82.3	85.0	88.2	95.2	102.1	110.5	123.6	136.4
23.75°	78.2	79.5	81.5	84.4	87.1	94.1	101.3	109.8	123.6	137.1	151.0
22.5°	79.0	80.6	83.5	86.3	92.3	99.9	107.5	122.1	136.4	151.0	167.1
21.25°	79.7	82.3	85.3	89.9	97.7	105.4	119.0	134.0	149.1	166.1	182.7
20°	81.0	84.0	87.1	94.8	102.8	114.5	130.1	145.5	163.2	180.7	199.6
18.75°	82.5	85.7	91.2	99.5	108.4	124.7	140.7	158.3	176.7	195.3	220.8
17.5°	84.0	87.2	95.6	104.0	117.8	134.4	151.6	170.8	189.6	214.1	263.6
16.25°	85.4	91.0	99.6	109.5	126.7	143.7	163.0	182.6	205.4	247.3	331.3
15°	86.7	94.6	103.5	117.6	135.0	153.4	173.7	194.1	224.6	292.3	415.7
13.75°	89.0	98.1	107.1	125.0	142.8	163.1	183.8	208.7	258.2	360.6	518.5
12.5°	92.1	101.2	113.7	131.9	150.7	172.0	193.1	225.9	301.9	440.5	629.0
11.25°	94.8	104.1	119.8	138.3	158.5	180.2	205.0	253.4	358.0	525.2	737.0
10°	97.4	106.8	125.3	144.0	165.6	187.6	215.9	280.4	418.5	614.2	849.8
8.75°	99.6	111.2	130.2	149.6	172.0	194.7	233.2	324.0	484.5	698.5	951.9
7.5°	101.5	115.3	134.5	154.9	177.5	202.8	251.9	362.2	542.5	777.3	1051.0
6.25°	103.2	118.8	138.1	159.4	182.3	209.7	267.9	398.3	601.8	850.6	1137.5
5°	104.6	121.6	141.1	163.2	186.2	215.4	285.6	437.3	651.7	911.3	1209.2
3.75°	105.6	123.9	143.5	166.1	189.2	220.8	305.8	467.9	690.9	959.0	1268.2
2.5°	106.4	125.5	145.1	168.2	191.4	227.8	320.3	489.8	719.0	996.6	1310.9
1.25°	106.8	126.4	146.2	169.4	192.8	232.1	329.0	503.1	736.0	1019.7	1336.7
0°	107.0	126.8	146.5	169.9	193.2	233.5	331.9	507.5	741.7	1027.4	1345.3
-1.25°	106.8	126.4	146.2	169.4	192.8	232.1	329.0	503.1	736.0	1019.7	1336.7
-2.5°	106.4	125.5	145.1	168.2	191.4	227.8	320.3	489.8	719.0	996.6	1310.9
-3.75°	105.6	123.9	143.5	166.1	189.2	220.8	305.8	467.9	690.9	959.0	1268.2
-5°	104.6	121.6	141.1	163.2	186.2	215.4	285.6	437.3	651.7	911.3	1209.2
-6.25°	103.2	118.8	138.1	159.4	182.3	209.7	267.9	398.3	601.8	850.6	1137.5
-7.5°	101.5	115.3	134.5	154.9	177.5	202.8	251.9	362.2	542.5	777.3	1051.0
-8.75°	99.6	111.2	130.2	149.6	172.0	194.7	233.2	324.0	484.5	698.5	951.9
-10°	97.4	106.8	125.3	144.0	165.6	187.6	215.9	280.4	418.5	614.2	849.8
-11.25°	94.8	104.1	119.8	138.3	158.5	180.2	205.0	253.4	358.0	525.2	737.0
-12.5°	92.1	101.2	113.7	131.9	150.7	172.0	193.1	225.9	301.9	440.5	629.0
-13.75°	89.0	98.1	107.1	125.0	142.8	163.1	183.8	208.7	258.2	360.6	518.5
-15°	86.7	94.6	103.5	117.6	135.0	153.4	173.7	194.1	224.6	292.3	415.7
-16.25°	85.4	91.0	99.6	109.5	126.7	143.7	163.0	182.6	205.4	247.3	331.3
-17.5°	84.0	87.2	95.6	104.0	117.8	134.4	151.6	170.8	189.6	214.1	263.6
-18.75°	82.5	85.7	91.2	99.5	108.4	124.7	140.7	158.3	176.7	195.3	220.8
-20°	81.0	84.0	87.1	94.8	102.8	114.5	130.1	145.5	163.2	180.7	199.6
-21.25°	79.7	82.3	85.3	89.9	97.7	105.4	119.0	134.0	149.1	166.1	182.7





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

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	79.0	80.6	83.5	86.3	92.3	99.9	107.5	122.1	136.4	151.0	167.1
-23.75°	78.2	79.5	81.5	84.4	87.1	94.1	101.3	109.8	123.6	137.1	151.0
-25°	77.4	78.6	79.8	82.3	85.0	88.2	95.2	102.1	110.5	123.6	136.4
-26.25°	76.7	77.8	78.9	80.2	82.8	85.4	88.9	95.6	102.1	109.8	122.1
-27.5°	76.1	76.9	78.0	79.2	80.6	83.1	85.5	88.9	95.2	101.3	107.5
-28.75°	75.6	76.3	77.1	78.2	79.3	80.7	83.1	85.4	88.2	94.1	99.9
-30°	75.0	75.7	76.4	77.2	78.3	79.3	80.6	82.8	85.0	87.1	92.3
-31.25°	74.6	75.1	75.8	76.4	77.2	78.2	79.2	80.2	82.3	84.4	86.3
-32.5°	74.3	74.6	75.1	75.8	76.4	77.1	78.0	78.9	79.8	81.5	83.5
-33.75°	74.0	74.3	74.6	75.1	75.7	76.3	76.9	77.8	78.6	79.5	80.6
-35°	73.5	74.0	74.3	74.6	75.0	75.6	76.1	76.7	77.4	78.2	79.0
-36.25°	72.8	73.5	73.9	74.2	74.5	74.8	75.4	75.9	76.4	77.0	77.7
-37.5°	72.1	72.8	73.4	73.9	74.2	74.4	74.7	75.1	75.6	76.1	76.6
-38.75°	71.3	72.1	72.6	73.2	73.8	74.1	74.3	74.6	74.8	75.3	75.7
-40°	70.3	71.2	71.9	72.5	73.0	73.5	73.9	74.2	74.4	74.6	74.8
-41.25°	69.2	70.1	70.9	71.7	72.2	72.7	73.2	73.7	74.0	74.2	74.4
-42.5°	68.2	69.0	69.8	70.6	71.3	71.9	72.4	72.9	73.3	73.8	74.0
-43.75°	67.0	67.9	68.6	69.4	70.1	70.8	71.5	72.0	72.5	72.9	73.3
-45°	65.9	66.7	67.5	68.2	68.9	69.6	70.3	70.9	71.5	72.0	72.4
-46.25°	64.6	65.5	66.3	67.0	67.7	68.4	69.0	69.6	70.2	70.8	71.3
-47.5°	63.1	64.0	65.0	65.8	66.4	67.1	67.7	68.3	68.9	69.5	70.0
-48.75°	61.6	62.5	63.4	64.3	65.1	65.8	66.4	67.0	67.6	68.1	68.6
-50°	59.8	60.9	61.8	62.7	63.5	64.3	65.0	65.7	66.2	66.7	67.2
-51.25°	57.9	58.9	60.0	61.0	61.8	62.6	63.3	64.0	64.7	65.3	65.8
-52.5°	55.9	57.0	58.0	58.9	59.9	60.8	61.6	62.3	62.9	63.5	64.1
-53.75°	54.0	55.0	55.9	56.9	57.8	58.7	59.5	60.3	61.1	61.7	62.3
-55°	52.0	52.9	53.9	54.8	55.7	56.5	57.3	58.1	58.8	59.6	60.3
-56.25°	49.6	50.9	51.8	52.7	53.5	54.3	55.1	55.9	56.6	57.3	57.9
-57.5°	46.8	48.1	49.3	50.4	51.4	52.2	52.9	53.6	54.3	55.0	55.6
-58.75°	44.0	45.2	46.4	47.5	48.6	49.6	50.6	51.4	52.0	52.7	53.3
-60°	41.2	42.3	43.4	44.5	45.5	46.5	47.5	48.4	49.3	50.1	50.9
-61.25°	38.4	39.5	40.5	41.5	42.5	43.4	44.3	45.2	46.1	46.9	47.6
-62.5°	35.7	36.6	37.6	38.6	39.5	40.4	41.2	42.1	42.8	43.6	44.3
-63.75°	33.2	34.1	34.9	35.7	36.5	37.3	38.1	38.9	39.7	40.4	41.1
-65°	30.7	31.5	32.3	33.1	33.8	34.5	35.2	35.8	36.5	37.1	37.8
-66.25°	28.6	29.2	29.8	30.5	31.1	31.8	32.4	33.1	33.6	34.2	34.7
-67.5°	26.5	27.1	27.7	28.2	28.8	29.3	29.8	30.3	30.8	31.4	31.9
-68.75°	24.5	25.0	25.5	26.0	26.5	27.0	27.5	28.0	28.4	28.8	29.2
-70°	22.9	23.3	23.7	24.1	24.5	24.8	25.2	25.7	26.1	26.4	26.8
-71.25°	21.2	21.6	22.0	22.4	22.7	23.0	23.4	23.7	24.0	24.3	24.5
-72.5°	20.2	20.4	20.5	20.7	21.0	21.3	21.6	21.9	22.1	22.4	22.7
-73.75°	19.3	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.5	20.7	20.8
-75°	18.4	18.6	18.8	18.9	19.1	19.2	19.3	19.5	19.6	19.7	19.8
-76.25°	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.6	18.8	18.9
-77.5°	15.9	16.1	16.2	16.4	16.6	16.8	16.9	17.1	17.2	17.4	17.5



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	14.2	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.8	16.0	16.1
-80°	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.9	14.0	14.2	14.3
-81.25°	10.8	11.0	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.2	12.4
-82.5°	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.4	10.5
-83.75°	7.5	7.6	7.7	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6
-85°	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.7
-86.25°	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.7	4.7
-87.5°	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9
-88.75°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
86.25°	4.8	4.8	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.1
85°	6.7	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2
83.75°	8.7	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.2
82.5°	10.6	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
81.25°	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.3
80°	14.4	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.3	15.4
78.75°	16.2	16.3	16.4	16.5	16.6	16.7	16.7	16.8	16.9	16.9	17.0
77.5°	17.6	17.8	17.9	18.0	18.1	18.2	18.2	18.3	18.4	18.5	18.5
76.25°	19.0	19.0	19.1	19.2	19.3	19.3	19.4	19.5	19.5	19.6	19.6
75°	19.9	20.0	20.1	20.2	20.3	20.4	20.4	20.5	20.6	20.6	20.6
73.75°	21.0	21.2	21.4	21.6	21.8	21.9	22.1	22.2	22.3	22.4	22.5
72.5°	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.2	24.3	24.5	24.6
71.25°	24.8	25.1	25.4	25.6	25.9	26.1	26.3	26.5	26.7	26.9	27.0
70°	27.2	27.5	27.8	28.1	28.4	28.6	28.9	29.1	29.3	29.4	29.6
68.75°	29.6	29.9	30.3	30.7	31.0	31.3	31.6	31.9	32.2	32.4	32.6
67.5°	32.4	32.8	33.2	33.6	34.0	34.4	34.7	35.0	35.3	35.5	35.7
66.25°	35.3	35.7	36.2	36.7	37.1	37.5	37.9	38.3	38.6	38.9	39.2
65°	38.4	39.0	39.5	40.1	40.5	41.0	41.4	41.8	42.1	42.4	42.7
63.75°	41.7	42.3	42.9	43.5	44.0	44.5	44.9	45.3	45.7	46.0	46.3
62.5°	45.0	45.7	46.3	46.9	47.4	47.9	48.4	48.8	49.2	49.6	49.9
61.25°	48.4	49.1	49.7	50.3	50.9	51.3	51.6	52.0	52.2	52.5	52.7
60°	51.5	52.0	52.5	52.9	53.4	53.8	54.1	54.5	54.8	55.1	55.3
58.75°	53.8	54.4	54.9	55.4	55.8	56.3	56.6	57.0	57.3	57.6	57.9
57.5°	56.2	56.8	57.3	57.8	58.3	58.7	59.1	59.5	59.8	60.2	60.4
56.25°	58.6	59.2	59.7	60.3	60.7	61.2	61.6	61.9	62.1	62.4	62.6
55°	60.9	61.5	62.0	62.4	62.8	63.2	63.5	63.8	64.1	64.4	64.6
53.75°	62.8	63.4	63.8	64.3	64.7	65.1	65.5	65.7	66.0	66.2	66.4
52.5°	64.7	65.2	65.7	66.0	66.4	66.7	67.0	67.3	67.5	67.7	67.9
51.25°	66.3	66.7	67.1	67.5	67.9	68.2	68.5	68.8	69.1	69.3	69.5
50°	67.7	68.2	68.6	69.0	69.4	69.7	70.0	70.3	70.6	70.8	71.0
48.75°	69.1	69.6	70.0	70.4	70.8	71.2	71.5	71.8	71.9	72.1	72.3
47.5°	70.5	71.0	71.4	71.8	72.1	72.3	72.6	72.8	73.0	73.1	73.3
46.25°	71.8	72.1	72.5	72.8	73.0	73.3	73.5	73.8	73.9	74.0	74.0
45°	72.7	73.1	73.4	73.7	73.9	74.0	74.2	74.3	74.4	74.5	74.5
43.75°	73.6	73.9	74.1	74.2	74.4	74.5	74.6	74.7	74.9	75.1	75.3
42.5°	74.2	74.3	74.5	74.7	74.8	75.1	75.4	75.7	75.9	76.1	76.3
41.25°	74.6	74.8	75.1	75.5	75.8	76.1	76.4	76.7	76.9	77.2	77.5
40°	75.3	75.7	76.1	76.4	76.8	77.2	77.6	78.0	78.4	78.7	79.0
38.75°	76.2	76.6	77.0	77.6	78.1	78.6	79.1	79.5	79.9	80.5	81.2
37.5°	77.1	77.8	78.4	79.0	79.5	80.1	81.2	82.2	83.2	84.0	84.8
36.25°	78.4	79.1	79.7	80.8	82.1	83.4	84.6	85.7	86.6	87.9	90.1
35°	79.7	81.0	82.5	84.0	85.4	86.7	89.0	92.1	94.8	97.4	99.6



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	82.3	84.0	85.7	87.2	91.0	94.6	98.1	101.2	104.1	106.8	111.2
32.5°	85.3	87.1	91.2	95.6	99.6	103.5	107.1	113.7	119.8	125.3	130.2
31.25°	89.9	94.8	99.5	104.0	109.5	117.6	125.0	131.9	138.3	144.0	149.6
30°	97.7	102.8	108.4	117.8	126.7	135.0	142.8	150.7	158.5	165.6	172.0
28.75°	105.4	114.5	124.7	134.4	143.7	153.4	163.1	172.0	180.2	187.6	194.7
27.5°	119.0	130.1	140.7	151.6	163.0	173.7	183.8	193.1	205.0	215.9	233.2
26.25°	134.0	145.5	158.3	170.8	182.6	194.1	208.7	225.9	253.4	280.4	324.0
25°	149.1	163.2	176.7	189.6	205.4	224.6	258.2	301.9	358.0	418.5	484.5
23.75°	166.1	180.7	195.3	214.1	247.3	292.3	360.6	440.5	525.2	614.2	698.5
22.5°	182.7	199.6	220.8	263.6	331.3	415.7	518.5	629.0	737.0	849.8	951.9
21.25°	201.0	227.2	273.5	357.7	464.2	584.6	715.2	852.0	984.6	1118.1	1239.6
20°	227.2	277.3	370.9	493.6	633.4	783.2	940.5	1102.6	1258.0	1405.8	1538.0
18.75°	273.5	370.9	503.4	658.0	826.9	1004.5	1188.4	1369.0	1537.1	1689.5	1821.0
17.5°	357.7	493.6	658.0	841.5	1038.2	1241.9	1444.3	1631.7	1801.0	1951.1	2093.8
16.25°	464.2	633.4	826.9	1038.2	1260.3	1482.2	1689.2	1874.9	2050.4	2217.6	2375.2
15°	584.6	783.2	1004.5	1241.9	1482.2	1708.6	1912.2	2111.5	2304.8	2488.2	2659.5
13.75°	715.2	940.5	1188.4	1444.3	1689.2	1912.2	2132.1	2349.1	2558.7	2756.6	2933.5
12.5°	852.0	1102.6	1369.0	1631.7	1874.9	2111.5	2349.1	2582.4	2804.6	3008.3	3188.2
11.25°	984.6	1258.0	1537.1	1801.0	2050.4	2304.8	2558.7	2804.6	3032.5	3239.0	3419.2
10°	1118.1	1405.8	1689.5	1951.1	2217.6	2488.2	2756.6	3008.3	3239.0	3444.6	3625.9
8.75°	1239.6	1538.0	1821.0	2093.8	2375.2	2659.5	2933.5	3188.2	3419.2	3625.9	3811.5
7.5°	1351.4	1653.5	1935.3	2221.8	2517.0	2811.0	3088.6	3344.3	3575.9	3786.0	3974.1
6.25°	1447.6	1751.8	2037.5	2336.5	2642.2	2941.3	3222.0	3478.6	3710.8	3923.8	4114.8
5°	1526.3	1829.1	2124.3	2432.5	2747.1	3048.4	3328.9	3585.6	3822.1	4036.7	4234.5
3.75°	1587.8	1890.1	2192.9	2509.0	2827.9	3131.5	3413.5	3671.7	3909.8	4126.4	4328.0
2.5°	1632.1	1934.1	2243.3	2565.2	2886.6	3192.0	3474.8	3732.3	3971.2	4192.3	4397.7
1.25°	1658.9	1960.7	2274.3	2599.2	2922.3	3228.9	3509.9	3769.0	4008.9	4232.9	4437.7
0°	1667.8	1969.6	2284.7	2610.6	2934.2	3241.2	3521.7	3781.4	4021.6	4246.7	4450.6
-1.25°	1658.9	1960.7	2274.3	2599.2	2922.3	3228.9	3509.9	3769.0	4008.9	4232.9	4437.7
-2.5°	1632.1	1934.1	2243.3	2565.2	2886.6	3192.0	3474.8	3732.3	3971.2	4192.3	4397.7
-3.75°	1587.8	1890.1	2192.9	2509.0	2827.9	3131.5	3413.5	3671.7	3909.8	4126.4	4328.0
-5°	1526.3	1829.1	2124.3	2432.5	2747.1	3048.4	3328.9	3585.6	3822.1	4036.7	4234.5
-6.25°	1447.6	1751.8	2037.5	2336.5	2642.2	2941.3	3222.0	3478.6	3710.8	3923.8	4114.8
-7.5°	1351.4	1653.5	1935.3	2221.8	2517.0	2811.0	3088.6	3344.3	3575.9	3786.0	3974.1
-8.75°	1239.6	1538.0	1821.0	2093.8	2375.2	2659.5	2933.5	3188.2	3419.2	3625.9	3811.5
-10°	1118.1	1405.8	1689.5	1951.1	2217.6	2488.2	2756.6	3008.3	3239.0	3444.6	3625.9
-11.25°	984.6	1258.0	1537.1	1801.0	2050.4	2304.8	2558.7	2804.6	3032.5	3239.0	3419.2
-12.5°	852.0	1102.6	1369.0	1631.7	1874.9	2111.5	2349.1	2582.4	2804.6	3008.3	3188.2
-13.75°	715.2	940.5	1188.4	1444.3	1689.2	1912.2	2132.1	2349.1	2558.7	2756.6	2933.5
-15°	584.6	783.2	1004.5	1241.9	1482.2	1708.6	1912.2	2111.5	2304.8	2488.2	2659.5
-16.25°	464.2	633.4	826.9	1038.2	1260.3	1482.2	1689.2	1874.9	2050.4	2217.6	2375.2
-17.5°	357.7	493.6	658.0	841.5	1038.2	1241.9	1444.3	1631.7	1801.0	1951.1	2093.8
-18.75°	273.5	370.9	503.4	658.0	826.9	1004.5	1188.4	1369.0	1537.1	1689.5	1821.0
-20°	227.2	277.3	370.9	493.6	633.4	783.2	940.5	1102.6	1258.0	1405.8	1538.0
-21.25°	201.0	227.2	273.5	357.7	464.2	584.6	715.2	852.0	984.6	1118.1	1239.6



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	182.7	199.6	220.8	263.6	331.3	415.7	518.5	629.0	737.0	849.8	951.9
-23.75°	166.1	180.7	195.3	214.1	247.3	292.3	360.6	440.5	525.2	614.2	698.5
-25°	149.1	163.2	176.7	189.6	205.4	224.6	258.2	301.9	358.0	418.5	484.5
-26.25°	134.0	145.5	158.3	170.8	182.6	194.1	208.7	225.9	253.4	280.4	324.0
-27.5°	119.0	130.1	140.7	151.6	163.0	173.7	183.8	193.1	205.0	215.9	233.2
-28.75°	105.4	114.5	124.7	134.4	143.7	153.4	163.1	172.0	180.2	187.6	194.7
-30°	97.7	102.8	108.4	117.8	126.7	135.0	142.8	150.7	158.5	165.6	172.0
-31.25°	89.9	94.8	99.5	104.0	109.5	117.6	125.0	131.9	138.3	144.0	149.6
-32.5°	85.3	87.1	91.2	95.6	99.6	103.5	107.1	113.7	119.8	125.3	130.2
-33.75°	82.3	84.0	85.7	87.2	91.0	94.6	98.1	101.2	104.1	106.8	111.2
-35°	79.7	81.0	82.5	84.0	85.4	86.7	89.0	92.1	94.8	97.4	99.6
-36.25°	78.4	79.1	79.7	80.8	82.1	83.4	84.6	85.7	86.6	87.9	90.1
-37.5°	77.1	77.8	78.4	79.0	79.5	80.1	81.2	82.2	83.2	84.0	84.8
-38.75°	76.2	76.6	77.0	77.6	78.1	78.6	79.1	79.5	79.9	80.5	81.2
-40°	75.3	75.7	76.1	76.4	76.8	77.2	77.6	78.0	78.4	78.7	79.0
-41.25°	74.6	74.8	75.1	75.5	75.8	76.1	76.4	76.7	76.9	77.2	77.5
-42.5°	74.2	74.3	74.5	74.7	74.8	75.1	75.4	75.7	75.9	76.1	76.3
-43.75°	73.6	73.9	74.1	74.2	74.4	74.5	74.6	74.7	74.9	75.1	75.3
-45°	72.7	73.1	73.4	73.7	73.9	74.0	74.2	74.3	74.4	74.5	74.5
-46.25°	71.8	72.1	72.5	72.8	73.0	73.3	73.5	73.8	73.9	74.0	74.0
-47.5°	70.5	71.0	71.4	71.8	72.1	72.3	72.6	72.8	73.0	73.1	73.3
-48.75°	69.1	69.6	70.0	70.4	70.8	71.2	71.5	71.8	71.9	72.1	72.3
-50°	67.7	68.2	68.6	69.0	69.4	69.7	70.0	70.3	70.6	70.8	71.0
-51.25°	66.3	66.7	67.1	67.5	67.9	68.2	68.5	68.8	69.1	69.3	69.5
-52.5°	64.7	65.2	65.7	66.0	66.4	66.7	67.0	67.3	67.5	67.7	67.9
-53.75°	62.8	63.4	63.8	64.3	64.7	65.1	65.5	65.7	66.0	66.2	66.4
-55°	60.9	61.5	62.0	62.4	62.8	63.2	63.5	63.8	64.1	64.4	64.6
-56.25°	58.6	59.2	59.7	60.3	60.7	61.2	61.6	61.9	62.1	62.4	62.6
-57.5°	56.2	56.8	57.3	57.8	58.3	58.7	59.1	59.5	59.8	60.2	60.4
-58.75°	53.8	54.4	54.9	55.4	55.8	56.3	56.6	57.0	57.3	57.6	57.9
-60°	51.5	52.0	52.5	52.9	53.4	53.8	54.1	54.5	54.8	55.1	55.3
-61.25°	48.4	49.1	49.7	50.3	50.9	51.3	51.6	52.0	52.2	52.5	52.7
-62.5°	45.0	45.7	46.3	46.9	47.4	47.9	48.4	48.8	49.2	49.6	49.9
-63.75°	41.7	42.3	42.9	43.5	44.0	44.5	44.9	45.3	45.7	46.0	46.3
-65°	38.4	39.0	39.5	40.1	40.5	41.0	41.4	41.8	42.1	42.4	42.7
-66.25°	35.3	35.7	36.2	36.7	37.1	37.5	37.9	38.3	38.6	38.9	39.2
-67.5°	32.4	32.8	33.2	33.6	34.0	34.4	34.7	35.0	35.3	35.5	35.7
-68.75°	29.6	29.9	30.3	30.7	31.0	31.3	31.6	31.9	32.2	32.4	32.6
-70°	27.2	27.5	27.8	28.1	28.4	28.6	28.9	29.1	29.3	29.4	29.6
-71.25°	24.8	25.1	25.4	25.6	25.9	26.1	26.3	26.5	26.7	26.9	27.0
-72.5°	22.9	23.1	23.3	23.5	23.7	23.9	24.1	24.2	24.3	24.5	24.6
-73.75°	21.0	21.2	21.4	21.6	21.8	21.9	22.1	22.2	22.3	22.4	22.5
-75°	19.9	20.0	20.1	20.2	20.3	20.4	20.4	20.5	20.6	20.6	20.6
-76.25°	19.0	19.0	19.1	19.2	19.3	19.3	19.4	19.5	19.5	19.6	19.6
-77.5°	17.6	17.8	17.9	18.0	18.1	18.2	18.2	18.3	18.4	18.5	18.5



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	16.2	16.3	16.4	16.5	16.6	16.7	16.7	16.8	16.9	16.9	17.0
-80°	14.4	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.3	15.4
-81.25°	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.1	13.2	13.3	13.3
-82.5°	10.6	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
-83.75°	8.7	8.7	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.2
-85°	6.7	6.8	6.9	6.9	7.0	7.0	7.1	7.1	7.1	7.2	7.2
-86.25°	4.8	4.8	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.1
-87.5°	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1
-88.75°	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
86.25°	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
85°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
83.75°	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
82.5°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
81.25°	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
80°	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.5
78.75°	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.1
77.5°	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.6
76.25°	19.6	19.7	19.7	19.7	19.7	19.7	19.8	19.7	19.7	19.7	19.7
75°	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
73.75°	22.6	22.7	22.7	22.8	22.8	22.8	22.9	22.8	22.8	22.8	22.7
72.5°	24.6	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.8	24.8
71.25°	27.2	27.3	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.4	27.3
70°	29.7	29.8	29.9	30.0	30.1	30.1	30.1	30.1	30.1	30.0	29.9
68.75°	32.8	32.9	33.0	33.1	33.2	33.2	33.3	33.2	33.2	33.1	33.0
67.5°	35.9	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2
66.25°	39.4	39.6	39.7	39.8	39.9	40.0	40.0	40.0	39.9	39.8	39.7
65°	42.9	43.1	43.3	43.4	43.5	43.6	43.6	43.6	43.5	43.4	43.3
63.75°	46.5	46.8	46.9	47.1	47.2	47.2	47.3	47.2	47.2	47.1	46.9
62.5°	50.2	50.4	50.6	50.7	50.8	50.9	50.9	50.9	50.8	50.7	50.6
61.25°	52.9	53.1	53.3	53.4	53.4	53.5	53.5	53.5	53.4	53.4	53.3
60°	55.5	55.7	55.8	56.0	56.0	56.1	56.1	56.1	56.0	56.0	55.8
58.75°	58.1	58.3	58.4	58.5	58.6	58.7	58.7	58.7	58.6	58.5	58.4
57.5°	60.7	60.8	61.0	61.1	61.2	61.3	61.3	61.3	61.2	61.1	61.0
56.25°	62.8	63.0	63.1	63.2	63.3	63.3	63.4	63.3	63.3	63.2	63.1
55°	64.8	65.0	65.1	65.3	65.3	65.4	65.4	65.4	65.3	65.3	65.1
53.75°	66.5	66.7	66.8	66.9	66.9	67.0	67.0	67.0	66.9	66.9	66.8
52.5°	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.5	68.5	68.4
51.25°	69.7	69.8	69.9	70.0	70.1	70.1	70.2	70.1	70.1	70.0	69.9
50°	71.2	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.6	71.6	71.5
48.75°	72.4	72.5	72.6	72.7	72.7	72.7	72.8	72.7	72.7	72.7	72.6
47.5°	73.4	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.7	73.6
46.25°	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.2
45°	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.7
43.75°	75.4	75.6	75.7	75.7	75.8	75.8	75.9	75.8	75.8	75.7	75.7
42.5°	76.5	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.8	76.7
41.25°	77.8	78.0	78.1	78.3	78.4	78.4	78.5	78.4	78.4	78.3	78.1
40°	79.3	79.5	79.7	79.8	79.9	80.0	80.0	80.0	79.9	79.8	79.7
38.75°	81.9	82.4	82.9	83.2	83.5	83.6	83.7	83.6	83.5	83.2	82.9
37.5°	85.4	86.0	86.5	86.8	87.1	87.2	87.3	87.2	87.1	86.8	86.5
36.25°	91.9	93.5	94.8	95.8	96.6	97.0	97.2	97.0	96.6	95.8	94.8
35°	101.5	103.2	104.6	105.6	106.4	106.8	107.0	106.8	106.4	105.6	104.6



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	115.3	118.8	121.6	123.9	125.5	126.4	126.8	126.4	125.5	123.9	121.6
32.5°	134.5	138.1	141.1	143.5	145.1	146.2	146.5	146.2	145.1	143.5	141.1
31.25°	154.9	159.4	163.2	166.1	168.2	169.4	169.9	169.4	168.2	166.1	163.2
30°	177.5	182.3	186.2	189.2	191.4	192.8	193.2	192.8	191.4	189.2	186.2
28.75°	202.8	209.7	215.4	220.8	227.8	232.1	233.5	232.1	227.8	220.8	215.4
27.5°	251.9	267.9	285.6	305.8	320.3	329.0	331.9	329.0	320.3	305.8	285.6
26.25°	362.2	398.3	437.3	467.9	489.8	503.1	507.5	503.1	489.8	467.9	437.3
25°	542.5	601.8	651.7	690.9	719.0	736.0	741.7	736.0	719.0	690.9	651.7
23.75°	777.3	850.6	911.3	959.0	996.6	1019.7	1027.4	1019.7	996.6	959.0	911.3
22.5°	1051.0	1137.5	1209.2	1268.2	1310.9	1336.7	1345.3	1336.7	1310.9	1268.2	1209.2
21.25°	1351.4	1447.6	1526.3	1587.8	1632.1	1658.9	1667.8	1658.9	1632.1	1587.8	1526.3
20°	1653.5	1751.8	1829.1	1890.1	1934.1	1960.7	1969.6	1960.7	1934.1	1890.1	1829.1
18.75°	1935.3	2037.5	2124.3	2192.9	2243.3	2274.3	2284.7	2274.3	2243.3	2192.9	2124.3
17.5°	2221.8	2336.5	2432.5	2509.0	2565.2	2599.2	2610.6	2599.2	2565.2	2509.0	2432.5
16.25°	2517.0	2642.2	2747.1	2827.9	2886.6	2922.3	2934.2	2922.3	2886.6	2827.9	2747.1
15°	2811.0	2941.3	3048.4	3131.5	3192.0	3228.9	3241.2	3228.9	3192.0	3131.5	3048.4
13.75°	3088.6	3222.0	3328.9	3413.5	3474.8	3509.9	3521.7	3509.9	3474.8	3413.5	3328.9
12.5°	3344.3	3478.6	3585.6	3671.7	3732.3	3769.0	3781.4	3769.0	3732.3	3671.7	3585.6
11.25°	3575.9	3710.8	3822.1	3909.8	3971.2	4008.9	4021.6	4008.9	3971.2	3909.8	3822.1
10°	3786.0	3923.8	4036.7	4126.4	4192.3	4232.9	4246.7	4232.9	4192.3	4126.4	4036.7
8.75°	3974.1	4114.8	4234.5	4328.0	4397.7	4437.7	4450.6	4437.7	4397.7	4328.0	4234.5
7.5°	4141.1	4288.3	4413.0	4504.8	4573.0	4612.0	4625.4	4612.0	4573.0	4504.8	4413.0
6.25°	4288.3	4438.9	4560.8	4653.3	4717.8	4754.1	4766.7	4754.1	4717.8	4653.3	4560.8
5°	4413.0	4560.8	4681.7	4766.9	4824.1	4858.0	4870.0	4858.0	4824.1	4766.9	4681.7
3.75°	4504.8	4653.3	4766.9	4846.5	4898.8	4929.8	4936.8	4929.8	4898.8	4846.5	4766.9
2.5°	4573.0	4717.8	4824.1	4898.8	4944.2	4965.5	4969.8	4965.5	4944.2	4898.8	4824.1
1.25°	4612.0	4754.1	4858.0	4929.8	4965.5	4980.6	4988.7	4980.6	4965.5	4929.8	4858.0
0°	4625.4	4766.7	4870.0	4936.8	4969.8	4988.7	5007.2	4988.7	4969.8	4936.8	4870.0
-1.25°	4612.0	4754.1	4858.0	4929.8	4965.5	4980.6	4988.7	4980.6	4965.5	4929.8	4858.0
-2.5°	4573.0	4717.8	4824.1	4898.8	4944.2	4965.5	4969.8	4965.5	4944.2	4898.8	4824.1
-3.75°	4504.8	4653.3	4766.9	4846.5	4898.8	4929.8	4936.8	4929.8	4898.8	4846.5	4766.9
-5°	4413.0	4560.8	4681.7	4766.9	4824.1	4858.0	4870.0	4858.0	4824.1	4766.9	4681.7
-6.25°	4288.3	4438.9	4560.8	4653.3	4717.8	4754.1	4766.7	4754.1	4717.8	4653.3	4560.8
-7.5°	4141.1	4288.3	4413.0	4504.8	4573.0	4612.0	4625.4	4612.0	4573.0	4504.8	4413.0
-8.75°	3974.1	4114.8	4234.5	4328.0	4397.7	4437.7	4450.6	4437.7	4397.7	4328.0	4234.5
-10°	3786.0	3923.8	4036.7	4126.4	4192.3	4232.9	4246.7	4232.9	4192.3	4126.4	4036.7
-11.25°	3575.9	3710.8	3822.1	3909.8	3971.2	4008.9	4021.6	4008.9	3971.2	3909.8	3822.1
-12.5°	3344.3	3478.6	3585.6	3671.7	3732.3	3769.0	3781.4	3769.0	3732.3	3671.7	3585.6
-13.75°	3088.6	3222.0	3328.9	3413.5	3474.8	3509.9	3521.7	3509.9	3474.8	3413.5	3328.9
-15°	2811.0	2941.3	3048.4	3131.5	3192.0	3228.9	3241.2	3228.9	3192.0	3131.5	3048.4
-16.25°	2517.0	2642.2	2747.1	2827.9	2886.6	2922.3	2934.2	2922.3	2886.6	2827.9	2747.1
-17.5°	2221.8	2336.5	2432.5	2509.0	2565.2	2599.2	2610.6	2599.2	2565.2	2509.0	2432.5
-18.75°	1935.3	2037.5	2124.3	2192.9	2243.3	2274.3	2284.7	2274.3	2243.3	2192.9	2124.3
-20°	1653.5	1751.8	1829.1	1890.1	1934.1	1960.7	1969.6	1960.7	1934.1	1890.1	1829.1
-21.25°	1351.4	1447.6	1526.3	1587.8	1632.1	1658.9	1667.8	1658.9	1632.1	1587.8	1526.3





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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1051.0	1137.5	1209.2	1268.2	1310.9	1336.7	1345.3	1336.7	1310.9	1268.2	1209.2
-23.75°	777.3	850.6	911.3	959.0	996.6	1019.7	1027.4	1019.7	996.6	959.0	911.3
-25°	542.5	601.8	651.7	690.9	719.0	736.0	741.7	736.0	719.0	690.9	651.7
-26.25°	362.2	398.3	437.3	467.9	489.8	503.1	507.5	503.1	489.8	467.9	437.3
-27.5°	251.9	267.9	285.6	305.8	320.3	329.0	331.9	329.0	320.3	305.8	285.6
-28.75°	202.8	209.7	215.4	220.8	227.8	232.1	233.5	232.1	227.8	220.8	215.4
-30°	177.5	182.3	186.2	189.2	191.4	192.8	193.2	192.8	191.4	189.2	186.2
-31.25°	154.9	159.4	163.2	166.1	168.2	169.4	169.9	169.4	168.2	166.1	163.2
-32.5°	134.5	138.1	141.1	143.5	145.1	146.2	146.5	146.2	145.1	143.5	141.1
-33.75°	115.3	118.8	121.6	123.9	125.5	126.4	126.8	126.4	125.5	123.9	121.6
-35°	101.5	103.2	104.6	105.6	106.4	106.8	107.0	106.8	106.4	105.6	104.6
-36.25°	91.9	93.5	94.8	95.8	96.6	97.0	97.2	97.0	96.6	95.8	94.8
-37.5°	85.4	86.0	86.5	86.8	87.1	87.2	87.3	87.2	87.1	86.8	86.5
-38.75°	81.9	82.4	82.9	83.2	83.5	83.6	83.7	83.6	83.5	83.2	82.9
-40°	79.3	79.5	79.7	79.8	79.9	80.0	80.0	80.0	79.9	79.8	79.7
-41.25°	77.8	78.0	78.1	78.3	78.4	78.4	78.5	78.4	78.4	78.3	78.1
-42.5°	76.5	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.8	76.7
-43.75°	75.4	75.6	75.7	75.7	75.8	75.8	75.9	75.8	75.8	75.7	75.7
-45°	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.7
-46.25°	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.2
-47.5°	73.4	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.7	73.6
-48.75°	72.4	72.5	72.6	72.7	72.7	72.7	72.8	72.7	72.7	72.7	72.6
-50°	71.2	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.6	71.6	71.5
-51.25°	69.7	69.8	69.9	70.0	70.1	70.1	70.2	70.1	70.1	70.0	69.9
-52.5°	68.1	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.5	68.5	68.4
-53.75°	66.5	66.7	66.8	66.9	66.9	67.0	67.0	67.0	66.9	66.9	66.8
-55°	64.8	65.0	65.1	65.3	65.3	65.4	65.4	65.4	65.3	65.3	65.1
-56.25°	62.8	63.0	63.1	63.2	63.3	63.3	63.4	63.3	63.3	63.2	63.1
-57.5°	60.7	60.8	61.0	61.1	61.2	61.3	61.3	61.3	61.2	61.1	61.0
-58.75°	58.1	58.3	58.4	58.5	58.6	58.7	58.7	58.7	58.6	58.5	58.4
-60°	55.5	55.7	55.8	56.0	56.0	56.1	56.1	56.1	56.0	56.0	55.8
-61.25°	52.9	53.1	53.3	53.4	53.4	53.5	53.5	53.5	53.4	53.4	53.3
-62.5°	50.2	50.4	50.6	50.7	50.8	50.9	50.9	50.9	50.8	50.7	50.6
-63.75°	46.5	46.8	46.9	47.1	47.2	47.2	47.3	47.2	47.2	47.1	46.9
-65°	42.9	43.1	43.3	43.4	43.5	43.6	43.6	43.6	43.5	43.4	43.3
-66.25°	39.4	39.6	39.7	39.8	39.9	40.0	40.0	40.0	39.9	39.8	39.7
-67.5°	35.9	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2
-68.75°	32.8	32.9	33.0	33.1	33.2	33.2	33.3	33.2	33.2	33.1	33.0
-70°	29.7	29.8	29.9	30.0	30.1	30.1	30.1	30.1	30.1	30.0	29.9
-71.25°	27.2	27.3	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.4	27.3
-72.5°	24.6	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.8	24.8
-73.75°	22.6	22.7	22.7	22.8	22.8	22.8	22.9	22.8	22.8	22.8	22.7
-75°	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
-76.25°	19.6	19.7	19.7	19.7	19.7	19.7	19.8	19.7	19.7	19.7	19.7
-77.5°	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.1
-80°	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.5
-81.25°	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
-82.5°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-83.75°	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
-85°	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
-86.25°	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9
86.25°	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9
85°	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.9
83.75°	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8
82.5°	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
81.25°	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0	12.9	12.8	12.7
80°	15.5	15.5	15.4	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.7
78.75°	17.1	17.0	17.0	16.9	16.9	16.8	16.7	16.7	16.6	16.5	16.4
77.5°	18.6	18.6	18.5	18.5	18.4	18.3	18.2	18.2	18.1	18.0	17.9
76.25°	19.7	19.6	19.6	19.6	19.5	19.5	19.4	19.3	19.3	19.2	19.1
75°	20.7	20.7	20.6	20.6	20.6	20.5	20.4	20.4	20.3	20.2	20.1
73.75°	22.7	22.6	22.5	22.4	22.3	22.2	22.1	21.9	21.8	21.6	21.4
72.5°	24.7	24.6	24.6	24.5	24.3	24.2	24.1	23.9	23.7	23.5	23.3
71.25°	27.3	27.2	27.0	26.9	26.7	26.5	26.3	26.1	25.9	25.6	25.4
70°	29.8	29.7	29.6	29.4	29.3	29.1	28.9	28.6	28.4	28.1	27.8
68.75°	32.9	32.8	32.6	32.4	32.2	31.9	31.6	31.3	31.0	30.7	30.3
67.5°	36.0	35.9	35.7	35.5	35.3	35.0	34.7	34.4	34.0	33.6	33.2
66.25°	39.6	39.4	39.2	38.9	38.6	38.3	37.9	37.5	37.1	36.7	36.2
65°	43.1	42.9	42.7	42.4	42.1	41.8	41.4	41.0	40.5	40.1	39.5
63.75°	46.8	46.5	46.3	46.0	45.7	45.3	44.9	44.5	44.0	43.5	42.9
62.5°	50.4	50.2	49.9	49.6	49.2	48.8	48.4	47.9	47.4	46.9	46.3
61.25°	53.1	52.9	52.7	52.5	52.2	52.0	51.6	51.3	50.9	50.3	49.7
60°	55.7	55.5	55.3	55.1	54.8	54.5	54.1	53.8	53.4	52.9	52.5
58.75°	58.3	58.1	57.9	57.6	57.3	57.0	56.6	56.3	55.8	55.4	54.9
57.5°	60.8	60.7	60.4	60.2	59.8	59.5	59.1	58.7	58.3	57.8	57.3
56.25°	63.0	62.8	62.6	62.4	62.1	61.9	61.6	61.2	60.7	60.3	59.7
55°	65.0	64.8	64.6	64.4	64.1	63.8	63.5	63.2	62.8	62.4	62.0
53.75°	66.7	66.5	66.4	66.2	66.0	65.7	65.5	65.1	64.7	64.3	63.8
52.5°	68.3	68.1	67.9	67.7	67.5	67.3	67.0	66.7	66.4	66.0	65.7
51.25°	69.8	69.7	69.5	69.3	69.1	68.8	68.5	68.2	67.9	67.5	67.1
50°	71.3	71.2	71.0	70.8	70.6	70.3	70.0	69.7	69.4	69.0	68.6
48.75°	72.5	72.4	72.3	72.1	71.9	71.8	71.5	71.2	70.8	70.4	70.0
47.5°	73.5	73.4	73.3	73.1	73.0	72.8	72.6	72.3	72.1	71.8	71.4
46.25°	74.2	74.1	74.0	74.0	73.9	73.8	73.5	73.3	73.0	72.8	72.5
45°	74.7	74.6	74.5	74.5	74.4	74.3	74.2	74.0	73.9	73.7	73.4
43.75°	75.6	75.4	75.3	75.1	74.9	74.7	74.6	74.5	74.4	74.2	74.1
42.5°	76.6	76.5	76.3	76.1	75.9	75.7	75.4	75.1	74.8	74.7	74.5
41.25°	78.0	77.8	77.5	77.2	76.9	76.7	76.4	76.1	75.8	75.5	75.1
40°	79.5	79.3	79.0	78.7	78.4	78.0	77.6	77.2	76.8	76.4	76.1
38.75°	82.4	81.9	81.2	80.5	79.9	79.5	79.1	78.6	78.1	77.6	77.0
37.5°	86.0	85.4	84.8	84.0	83.2	82.2	81.2	80.1	79.5	79.0	78.4
36.25°	93.5	91.9	90.1	87.9	86.6	85.7	84.6	83.4	82.1	80.8	79.7
35°	103.2	101.5	99.6	97.4	94.8	92.1	89.0	86.7	85.4	84.0	82.5



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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°	118.8	115.3	111.2	106.8	104.1	101.2	98.1	94.6	91.0	87.2	85.7
32.5°	138.1	134.5	130.2	125.3	119.8	113.7	107.1	103.5	99.6	95.6	91.2
31.25°	159.4	154.9	149.6	144.0	138.3	131.9	125.0	117.6	109.5	104.0	99.5
30°	182.3	177.5	172.0	165.6	158.5	150.7	142.8	135.0	126.7	117.8	108.4
28.75°	209.7	202.8	194.7	187.6	180.2	172.0	163.1	153.4	143.7	134.4	124.7
27.5°	267.9	251.9	233.2	215.9	205.0	193.1	183.8	173.7	163.0	151.6	140.7
26.25°	398.3	362.2	324.0	280.4	253.4	225.9	208.7	194.1	182.6	170.8	158.3
25°	601.8	542.5	484.5	418.5	358.0	301.9	258.2	224.6	205.4	189.6	176.7
23.75°	850.6	777.3	698.5	614.2	525.2	440.5	360.6	292.3	247.3	214.1	195.3
22.5°	1137.5	1051.0	951.9	849.8	737.0	629.0	518.5	415.7	331.3	263.6	220.8
21.25°	1447.6	1351.4	1239.6	1118.1	984.6	852.0	715.2	584.6	464.2	357.7	273.5
20°	1751.8	1653.5	1538.0	1405.8	1258.0	1102.6	940.5	783.2	633.4	493.6	370.9
18.75°	2037.5	1935.3	1821.0	1689.5	1537.1	1369.0	1188.4	1004.5	826.9	658.0	503.4
17.5°	2336.5	2221.8	2093.8	1951.1	1801.0	1631.7	1444.3	1241.9	1038.2	841.5	658.0
16.25°	2642.2	2517.0	2375.2	2217.6	2050.4	1874.9	1689.2	1482.2	1260.3	1038.2	826.9
15°	2941.3	2811.0	2659.5	2488.2	2304.8	2111.5	1912.2	1708.6	1482.2	1241.9	1004.5
13.75°	3222.0	3088.6	2933.5	2756.6	2558.7	2349.1	2132.1	1912.2	1689.2	1444.3	1188.4
12.5°	3478.6	3344.3	3188.2	3008.3	2804.6	2582.4	2349.1	2111.5	1874.9	1631.7	1369.0
11.25°	3710.8	3575.9	3419.2	3239.0	3032.5	2804.6	2558.7	2304.8	2050.4	1801.0	1537.1
10°	3923.8	3786.0	3625.9	3444.6	3239.0	3008.3	2756.6	2488.2	2217.6	1951.1	1689.5
8.75°	4114.8	3974.1	3811.5	3625.9	3419.2	3188.2	2933.5	2659.5	2375.2	2093.8	1821.0
7.5°	4288.3	4141.1	3974.1	3786.0	3575.9	3344.3	3088.6	2811.0	2517.0	2221.8	1935.3
6.25°	4438.9	4288.3	4114.8	3923.8	3710.8	3478.6	3222.0	2941.3	2642.2	2336.5	2037.5
5°	4560.8	4413.0	4234.5	4036.7	3822.1	3585.6	3328.9	3048.4	2747.1	2432.5	2124.3
3.75°	4653.3	4504.8	4328.0	4126.4	3909.8	3671.7	3413.5	3131.5	2827.9	2509.0	2192.9
2.5°	4717.8	4573.0	4397.7	4192.3	3971.2	3732.3	3474.8	3192.0	2886.6	2565.2	2243.3
1.25°	4754.1	4612.0	4437.7	4232.9	4008.9	3769.0	3509.9	3228.9	2922.3	2599.2	2274.3
0°	4766.7	4625.4	4450.6	4246.7	4021.6	3781.4	3521.7	3241.2	2934.2	2610.6	2284.7
-1.25°	4754.1	4612.0	4437.7	4232.9	4008.9	3769.0	3509.9	3228.9	2922.3	2599.2	2274.3
-2.5°	4717.8	4573.0	4397.7	4192.3	3971.2	3732.3	3474.8	3192.0	2886.6	2565.2	2243.3
-3.75°	4653.3	4504.8	4328.0	4126.4	3909.8	3671.7	3413.5	3131.5	2827.9	2509.0	2192.9
-5°	4560.8	4413.0	4234.5	4036.7	3822.1	3585.6	3328.9	3048.4	2747.1	2432.5	2124.3
-6.25°	4438.9	4288.3	4114.8	3923.8	3710.8	3478.6	3222.0	2941.3	2642.2	2336.5	2037.5
-7.5°	4288.3	4141.1	3974.1	3786.0	3575.9	3344.3	3088.6	2811.0	2517.0	2221.8	1935.3
-8.75°	4114.8	3974.1	3811.5	3625.9	3419.2	3188.2	2933.5	2659.5	2375.2	2093.8	1821.0
-10°	3923.8	3786.0	3625.9	3444.6	3239.0	3008.3	2756.6	2488.2	2217.6	1951.1	1689.5
-11.25°	3710.8	3575.9	3419.2	3239.0	3032.5	2804.6	2558.7	2304.8	2050.4	1801.0	1537.1
-12.5°	3478.6	3344.3	3188.2	3008.3	2804.6	2582.4	2349.1	2111.5	1874.9	1631.7	1369.0
-13.75°	3222.0	3088.6	2933.5	2756.6	2558.7	2349.1	2132.1	1912.2	1689.2	1444.3	1188.4
-15°	2941.3	2811.0	2659.5	2488.2	2304.8	2111.5	1912.2	1708.6	1482.2	1241.9	1004.5
-16.25°	2642.2	2517.0	2375.2	2217.6	2050.4	1874.9	1689.2	1482.2	1260.3	1038.2	826.9
-17.5°	2336.5	2221.8	2093.8	1951.1	1801.0	1631.7	1444.3	1241.9	1038.2	841.5	658.0
-18.75°	2037.5	1935.3	1821.0	1689.5	1537.1	1369.0	1188.4	1004.5	826.9	658.0	503.4
-20°	1751.8	1653.5	1538.0	1405.8	1258.0	1102.6	940.5	783.2	633.4	493.6	370.9
-21.25°	1447.6	1351.4	1239.6	1118.1	984.6	852.0	715.2	584.6	464.2	357.7	273.5



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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°
-22.5°	1137.5	1051.0	951.9	849.8	737.0	629.0	518.5	415.7	331.3	263.6	220.8
-23.75°	850.6	777.3	698.5	614.2	525.2	440.5	360.6	292.3	247.3	214.1	195.3
-25°	601.8	542.5	484.5	418.5	358.0	301.9	258.2	224.6	205.4	189.6	176.7
-26.25°	398.3	362.2	324.0	280.4	253.4	225.9	208.7	194.1	182.6	170.8	158.3
-27.5°	267.9	251.9	233.2	215.9	205.0	193.1	183.8	173.7	163.0	151.6	140.7
-28.75°	209.7	202.8	194.7	187.6	180.2	172.0	163.1	153.4	143.7	134.4	124.7
-30°	182.3	177.5	172.0	165.6	158.5	150.7	142.8	135.0	126.7	117.8	108.4
-31.25°	159.4	154.9	149.6	144.0	138.3	131.9	125.0	117.6	109.5	104.0	99.5
-32.5°	138.1	134.5	130.2	125.3	119.8	113.7	107.1	103.5	99.6	95.6	91.2
-33.75°	118.8	115.3	111.2	106.8	104.1	101.2	98.1	94.6	91.0	87.2	85.7
-35°	103.2	101.5	99.6	97.4	94.8	92.1	89.0	86.7	85.4	84.0	82.5
-36.25°	93.5	91.9	90.1	87.9	86.6	85.7	84.6	83.4	82.1	80.8	79.7
-37.5°	86.0	85.4	84.8	84.0	83.2	82.2	81.2	80.1	79.5	79.0	78.4
-38.75°	82.4	81.9	81.2	80.5	79.9	79.5	79.1	78.6	78.1	77.6	77.0
-40°	79.5	79.3	79.0	78.7	78.4	78.0	77.6	77.2	76.8	76.4	76.1
-41.25°	78.0	77.8	77.5	77.2	76.9	76.7	76.4	76.1	75.8	75.5	75.1
-42.5°	76.6	76.5	76.3	76.1	75.9	75.7	75.4	75.1	74.8	74.7	74.5
-43.75°	75.6	75.4	75.3	75.1	74.9	74.7	74.6	74.5	74.4	74.2	74.1
-45°	74.7	74.6	74.5	74.5	74.4	74.3	74.2	74.0	73.9	73.7	73.4
-46.25°	74.2	74.1	74.0	74.0	73.9	73.8	73.5	73.3	73.0	72.8	72.5
-47.5°	73.5	73.4	73.3	73.1	73.0	72.8	72.6	72.3	72.1	71.8	71.4
-48.75°	72.5	72.4	72.3	72.1	71.9	71.8	71.5	71.2	70.8	70.4	70.0
-50°	71.3	71.2	71.0	70.8	70.6	70.3	70.0	69.7	69.4	69.0	68.6
-51.25°	69.8	69.7	69.5	69.3	69.1	68.8	68.5	68.2	67.9	67.5	67.1
-52.5°	68.3	68.1	67.9	67.7	67.5	67.3	67.0	66.7	66.4	66.0	65.7
-53.75°	66.7	66.5	66.4	66.2	66.0	65.7	65.5	65.1	64.7	64.3	63.8
-55°	65.0	64.8	64.6	64.4	64.1	63.8	63.5	63.2	62.8	62.4	62.0
-56.25°	63.0	62.8	62.6	62.4	62.1	61.9	61.6	61.2	60.7	60.3	59.7
-57.5°	60.8	60.7	60.4	60.2	59.8	59.5	59.1	58.7	58.3	57.8	57.3
-58.75°	58.3	58.1	57.9	57.6	57.3	57.0	56.6	56.3	55.8	55.4	54.9
-60°	55.7	55.5	55.3	55.1	54.8	54.5	54.1	53.8	53.4	52.9	52.5
-61.25°	53.1	52.9	52.7	52.5	52.2	52.0	51.6	51.3	50.9	50.3	49.7
-62.5°	50.4	50.2	49.9	49.6	49.2	48.8	48.4	47.9	47.4	46.9	46.3
-63.75°	46.8	46.5	46.3	46.0	45.7	45.3	44.9	44.5	44.0	43.5	42.9
-65°	43.1	42.9	42.7	42.4	42.1	41.8	41.4	41.0	40.5	40.1	39.5
-66.25°	39.6	39.4	39.2	38.9	38.6	38.3	37.9	37.5	37.1	36.7	36.2
-67.5°	36.0	35.9	35.7	35.5	35.3	35.0	34.7	34.4	34.0	33.6	33.2
-68.75°	32.9	32.8	32.6	32.4	32.2	31.9	31.6	31.3	31.0	30.7	30.3
-70°	29.8	29.7	29.6	29.4	29.3	29.1	28.9	28.6	28.4	28.1	27.8
-71.25°	27.3	27.2	27.0	26.9	26.7	26.5	26.3	26.1	25.9	25.6	25.4
-72.5°	24.7	24.6	24.6	24.5	24.3	24.2	24.1	23.9	23.7	23.5	23.3
-73.75°	22.7	22.6	22.5	22.4	22.3	22.2	22.1	21.9	21.8	21.6	21.4
-75°	20.7	20.7	20.6	20.6	20.6	20.5	20.4	20.4	20.3	20.2	20.1
-76.25°	19.7	19.6	19.6	19.6	19.5	19.5	19.4	19.3	19.3	19.2	19.1
-77.5°	18.6	18.6	18.5	18.5	18.4	18.3	18.2	18.2	18.1	18.0	17.9



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	17.1	17.0	17.0	16.9	16.9	16.8	16.7	16.7	16.6	16.5	16.4
-80°	15.5	15.5	15.4	15.3	15.3	15.2	15.1	15.0	14.9	14.8	14.7
-81.25°	13.4	13.4	13.3	13.3	13.2	13.1	13.1	13.0	12.9	12.8	12.7
-82.5°	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
-83.75°	9.3	9.3	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.9	8.8
-85°	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.9
-86.25°	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.9	4.9
-87.5°	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
87.5°	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6
86.25°	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.2
85°	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0
83.75°	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.7
82.5°	10.7	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.6	9.5
81.25°	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.4	11.2
80°	14.6	14.4	14.3	14.2	14.0	13.9	13.7	13.5	13.3	13.1	12.9
78.75°	16.3	16.2	16.1	16.0	15.8	15.7	15.5	15.3	15.1	14.9	14.7
77.5°	17.8	17.6	17.5	17.4	17.2	17.1	16.9	16.8	16.6	16.4	16.2
76.25°	19.0	19.0	18.9	18.8	18.6	18.5	18.3	18.1	17.9	17.7	17.5
75°	20.0	19.9	19.8	19.7	19.6	19.5	19.3	19.2	19.1	18.9	18.8
73.75°	21.2	21.0	20.8	20.7	20.5	20.4	20.3	20.1	20.0	19.8	19.7
72.5°	23.1	22.9	22.7	22.4	22.1	21.9	21.6	21.3	21.0	20.7	20.5
71.25°	25.1	24.8	24.5	24.3	24.0	23.7	23.4	23.0	22.7	22.4	22.0
70°	27.5	27.2	26.8	26.4	26.1	25.7	25.2	24.8	24.5	24.1	23.7
68.75°	29.9	29.6	29.2	28.8	28.4	28.0	27.5	27.0	26.5	26.0	25.5
67.5°	32.8	32.4	31.9	31.4	30.8	30.3	29.8	29.3	28.8	28.2	27.7
66.25°	35.7	35.3	34.7	34.2	33.6	33.1	32.4	31.8	31.1	30.5	29.8
65°	39.0	38.4	37.8	37.1	36.5	35.8	35.2	34.5	33.8	33.1	32.3
63.75°	42.3	41.7	41.1	40.4	39.7	38.9	38.1	37.3	36.5	35.7	34.9
62.5°	45.7	45.0	44.3	43.6	42.8	42.1	41.2	40.4	39.5	38.6	37.6
61.25°	49.1	48.4	47.6	46.9	46.1	45.2	44.3	43.4	42.5	41.5	40.5
60°	52.0	51.5	50.9	50.1	49.3	48.4	47.5	46.5	45.5	44.5	43.4
58.75°	54.4	53.8	53.3	52.7	52.0	51.4	50.6	49.6	48.6	47.5	46.4
57.5°	56.8	56.2	55.6	55.0	54.3	53.6	52.9	52.2	51.4	50.4	49.3
56.25°	59.2	58.6	57.9	57.3	56.6	55.9	55.1	54.3	53.5	52.7	51.8
55°	61.5	60.9	60.3	59.6	58.8	58.1	57.3	56.5	55.7	54.8	53.9
53.75°	63.4	62.8	62.3	61.7	61.1	60.3	59.5	58.7	57.8	56.9	55.9
52.5°	65.2	64.7	64.1	63.5	62.9	62.3	61.6	60.8	59.9	58.9	58.0
51.25°	66.7	66.3	65.8	65.3	64.7	64.0	63.3	62.6	61.8	61.0	60.0
50°	68.2	67.7	67.2	66.7	66.2	65.7	65.0	64.3	63.5	62.7	61.8
48.75°	69.6	69.1	68.6	68.1	67.6	67.0	66.4	65.8	65.1	64.3	63.4
47.5°	71.0	70.5	70.0	69.5	68.9	68.3	67.7	67.1	66.4	65.8	65.0
46.25°	72.1	71.8	71.3	70.8	70.2	69.6	69.0	68.4	67.7	67.0	66.3
45°	73.1	72.7	72.4	72.0	71.5	70.9	70.3	69.6	68.9	68.2	67.5
43.75°	73.9	73.6	73.3	72.9	72.5	72.0	71.5	70.8	70.1	69.4	68.6
42.5°	74.3	74.2	74.0	73.8	73.3	72.9	72.4	71.9	71.3	70.6	69.8
41.25°	74.8	74.6	74.4	74.2	74.0	73.7	73.2	72.7	72.2	71.7	70.9
40°	75.7	75.3	74.8	74.6	74.4	74.2	73.9	73.5	73.0	72.5	71.9
38.75°	76.6	76.2	75.7	75.3	74.8	74.6	74.3	74.1	73.8	73.2	72.6
37.5°	77.8	77.1	76.6	76.1	75.6	75.1	74.7	74.4	74.2	73.9	73.4
36.25°	79.1	78.4	77.7	77.0	76.4	75.9	75.4	74.8	74.5	74.2	73.9
35°	81.0	79.7	79.0	78.2	77.4	76.7	76.1	75.6	75.0	74.6	74.3



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	84.0	82.3	80.6	79.5	78.6	77.8	76.9	76.3	75.7	75.1	74.6
32.5°	87.1	85.3	83.5	81.5	79.8	78.9	78.0	77.1	76.4	75.8	75.1
31.25°	94.8	89.9	86.3	84.4	82.3	80.2	79.2	78.2	77.2	76.4	75.8
30°	102.8	97.7	92.3	87.1	85.0	82.8	80.6	79.3	78.3	77.2	76.4
28.75°	114.5	105.4	99.9	94.1	88.2	85.4	83.1	80.7	79.3	78.2	77.1
27.5°	130.1	119.0	107.5	101.3	95.2	88.9	85.5	83.1	80.6	79.2	78.0
26.25°	145.5	134.0	122.1	109.8	102.1	95.6	88.9	85.4	82.8	80.2	78.9
25°	163.2	149.1	136.4	123.6	110.5	102.1	95.2	88.2	85.0	82.3	79.8
23.75°	180.7	166.1	151.0	137.1	123.6	109.8	101.3	94.1	87.1	84.4	81.5
22.5°	199.6	182.7	167.1	151.0	136.4	122.1	107.5	99.9	92.3	86.3	83.5
21.25°	227.2	201.0	182.7	166.1	149.1	134.0	119.0	105.4	97.7	89.9	85.3
20°	277.3	227.2	199.6	180.7	163.2	145.5	130.1	114.5	102.8	94.8	87.1
18.75°	370.9	273.5	220.8	195.3	176.7	158.3	140.7	124.7	108.4	99.5	91.2
17.5°	493.6	357.7	263.6	214.1	189.6	170.8	151.6	134.4	117.8	104.0	95.6
16.25°	633.4	464.2	331.3	247.3	205.4	182.6	163.0	143.7	126.7	109.5	99.6
15°	783.2	584.6	415.7	292.3	224.6	194.1	173.7	153.4	135.0	117.6	103.5
13.75°	940.5	715.2	518.5	360.6	258.2	208.7	183.8	163.1	142.8	125.0	107.1
12.5°	1102.6	852.0	629.0	440.5	301.9	225.9	193.1	172.0	150.7	131.9	113.7
11.25°	1258.0	984.6	737.0	525.2	358.0	253.4	205.0	180.2	158.5	138.3	119.8
10°	1405.8	1118.1	849.8	614.2	418.5	280.4	215.9	187.6	165.6	144.0	125.3
8.75°	1538.0	1239.6	951.9	698.5	484.5	324.0	233.2	194.7	172.0	149.6	130.2
7.5°	1653.5	1351.4	1051.0	777.3	542.5	362.2	251.9	202.8	177.5	154.9	134.5
6.25°	1751.8	1447.6	1137.5	850.6	601.8	398.3	267.9	209.7	182.3	159.4	138.1
5°	1829.1	1526.3	1209.2	911.3	651.7	437.3	285.6	215.4	186.2	163.2	141.1
3.75°	1890.1	1587.8	1268.2	959.0	690.9	467.9	305.8	220.8	189.2	166.1	143.5
2.5°	1934.1	1632.1	1310.9	996.6	719.0	489.8	320.3	227.8	191.4	168.2	145.1
1.25°	1960.7	1658.9	1336.7	1019.7	736.0	503.1	329.0	232.1	192.8	169.4	146.2
0°	1969.6	1667.8	1345.3	1027.4	741.7	507.5	331.9	233.5	193.2	169.9	146.5
-1.25°	1960.7	1658.9	1336.7	1019.7	736.0	503.1	329.0	232.1	192.8	169.4	146.2
-2.5°	1934.1	1632.1	1310.9	996.6	719.0	489.8	320.3	227.8	191.4	168.2	145.1
-3.75°	1890.1	1587.8	1268.2	959.0	690.9	467.9	305.8	220.8	189.2	166.1	143.5
-5°	1829.1	1526.3	1209.2	911.3	651.7	437.3	285.6	215.4	186.2	163.2	141.1
-6.25°	1751.8	1447.6	1137.5	850.6	601.8	398.3	267.9	209.7	182.3	159.4	138.1
-7.5°	1653.5	1351.4	1051.0	777.3	542.5	362.2	251.9	202.8	177.5	154.9	134.5
-8.75°	1538.0	1239.6	951.9	698.5	484.5	324.0	233.2	194.7	172.0	149.6	130.2
-10°	1405.8	1118.1	849.8	614.2	418.5	280.4	215.9	187.6	165.6	144.0	125.3
-11.25°	1258.0	984.6	737.0	525.2	358.0	253.4	205.0	180.2	158.5	138.3	119.8
-12.5°	1102.6	852.0	629.0	440.5	301.9	225.9	193.1	172.0	150.7	131.9	113.7
-13.75°	940.5	715.2	518.5	360.6	258.2	208.7	183.8	163.1	142.8	125.0	107.1
-15°	783.2	584.6	415.7	292.3	224.6	194.1	173.7	153.4	135.0	117.6	103.5
-16.25°	633.4	464.2	331.3	247.3	205.4	182.6	163.0	143.7	126.7	109.5	99.6
-17.5°	493.6	357.7	263.6	214.1	189.6	170.8	151.6	134.4	117.8	104.0	95.6
-18.75°	370.9	273.5	220.8	195.3	176.7	158.3	140.7	124.7	108.4	99.5	91.2
-20°	277.3	227.2	199.6	180.7	163.2	145.5	130.1	114.5	102.8	94.8	87.1
-21.25°	227.2	201.0	182.7	166.1	149.1	134.0	119.0	105.4	97.7	89.9	85.3



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	199.6	182.7	167.1	151.0	136.4	122.1	107.5	99.9	92.3	86.3	83.5
-23.75°	180.7	166.1	151.0	137.1	123.6	109.8	101.3	94.1	87.1	84.4	81.5
-25°	163.2	149.1	136.4	123.6	110.5	102.1	95.2	88.2	85.0	82.3	79.8
-26.25°	145.5	134.0	122.1	109.8	102.1	95.6	88.9	85.4	82.8	80.2	78.9
-27.5°	130.1	119.0	107.5	101.3	95.2	88.9	85.5	83.1	80.6	79.2	78.0
-28.75°	114.5	105.4	99.9	94.1	88.2	85.4	83.1	80.7	79.3	78.2	77.1
-30°	102.8	97.7	92.3	87.1	85.0	82.8	80.6	79.3	78.3	77.2	76.4
-31.25°	94.8	89.9	86.3	84.4	82.3	80.2	79.2	78.2	77.2	76.4	75.8
-32.5°	87.1	85.3	83.5	81.5	79.8	78.9	78.0	77.1	76.4	75.8	75.1
-33.75°	84.0	82.3	80.6	79.5	78.6	77.8	76.9	76.3	75.7	75.1	74.6
-35°	81.0	79.7	79.0	78.2	77.4	76.7	76.1	75.6	75.0	74.6	74.3
-36.25°	79.1	78.4	77.7	77.0	76.4	75.9	75.4	74.8	74.5	74.2	73.9
-37.5°	77.8	77.1	76.6	76.1	75.6	75.1	74.7	74.4	74.2	73.9	73.4
-38.75°	76.6	76.2	75.7	75.3	74.8	74.6	74.3	74.1	73.8	73.2	72.6
-40°	75.7	75.3	74.8	74.6	74.4	74.2	73.9	73.5	73.0	72.5	71.9
-41.25°	74.8	74.6	74.4	74.2	74.0	73.7	73.2	72.7	72.2	71.7	70.9
-42.5°	74.3	74.2	74.0	73.8	73.3	72.9	72.4	71.9	71.3	70.6	69.8
-43.75°	73.9	73.6	73.3	72.9	72.5	72.0	71.5	70.8	70.1	69.4	68.6
-45°	73.1	72.7	72.4	72.0	71.5	70.9	70.3	69.6	68.9	68.2	67.5
-46.25°	72.1	71.8	71.3	70.8	70.2	69.6	69.0	68.4	67.7	67.0	66.3
-47.5°	71.0	70.5	70.0	69.5	68.9	68.3	67.7	67.1	66.4	65.8	65.0
-48.75°	69.6	69.1	68.6	68.1	67.6	67.0	66.4	65.8	65.1	64.3	63.4
-50°	68.2	67.7	67.2	66.7	66.2	65.7	65.0	64.3	63.5	62.7	61.8
-51.25°	66.7	66.3	65.8	65.3	64.7	64.0	63.3	62.6	61.8	61.0	60.0
-52.5°	65.2	64.7	64.1	63.5	62.9	62.3	61.6	60.8	59.9	58.9	58.0
-53.75°	63.4	62.8	62.3	61.7	61.1	60.3	59.5	58.7	57.8	56.9	55.9
-55°	61.5	60.9	60.3	59.6	58.8	58.1	57.3	56.5	55.7	54.8	53.9
-56.25°	59.2	58.6	57.9	57.3	56.6	55.9	55.1	54.3	53.5	52.7	51.8
-57.5°	56.8	56.2	55.6	55.0	54.3	53.6	52.9	52.2	51.4	50.4	49.3
-58.75°	54.4	53.8	53.3	52.7	52.0	51.4	50.6	49.6	48.6	47.5	46.4
-60°	52.0	51.5	50.9	50.1	49.3	48.4	47.5	46.5	45.5	44.5	43.4
-61.25°	49.1	48.4	47.6	46.9	46.1	45.2	44.3	43.4	42.5	41.5	40.5
-62.5°	45.7	45.0	44.3	43.6	42.8	42.1	41.2	40.4	39.5	38.6	37.6
-63.75°	42.3	41.7	41.1	40.4	39.7	38.9	38.1	37.3	36.5	35.7	34.9
-65°	39.0	38.4	37.8	37.1	36.5	35.8	35.2	34.5	33.8	33.1	32.3
-66.25°	35.7	35.3	34.7	34.2	33.6	33.1	32.4	31.8	31.1	30.5	29.8
-67.5°	32.8	32.4	31.9	31.4	30.8	30.3	29.8	29.3	28.8	28.2	27.7
-68.75°	29.9	29.6	29.2	28.8	28.4	28.0	27.5	27.0	26.5	26.0	25.5
-70°	27.5	27.2	26.8	26.4	26.1	25.7	25.2	24.8	24.5	24.1	23.7
-71.25°	25.1	24.8	24.5	24.3	24.0	23.7	23.4	23.0	22.7	22.4	22.0
-72.5°	23.1	22.9	22.7	22.4	22.1	21.9	21.6	21.3	21.0	20.7	20.5
-73.75°	21.2	21.0	20.8	20.7	20.5	20.4	20.3	20.1	20.0	19.8	19.7
-75°	20.0	19.9	19.8	19.7	19.6	19.5	19.3	19.2	19.1	18.9	18.8
-76.25°	19.0	19.0	18.9	18.8	18.6	18.5	18.3	18.1	17.9	17.7	17.5
-77.5°	17.8	17.6	17.5	17.4	17.2	17.1	16.9	16.8	16.6	16.4	16.2



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	16.3	16.2	16.1	16.0	15.8	15.7	15.5	15.3	15.1	14.9	14.7
-80°	14.6	14.4	14.3	14.2	14.0	13.9	13.7	13.5	13.3	13.1	12.9
-81.25°	12.6	12.5	12.4	12.2	12.1	12.0	11.8	11.7	11.5	11.4	11.2
-82.5°	10.7	10.6	10.5	10.4	10.2	10.1	10.0	9.9	9.7	9.6	9.5
-83.75°	8.7	8.7	8.6	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.7
-85°	6.8	6.7	6.7	6.6	6.5	6.4	6.3	6.3	6.2	6.1	6.0
-86.25°	4.8	4.8	4.7	4.7	4.6	4.5	4.5	4.4	4.4	4.3	4.2
-87.5°	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6
-88.75°	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
87.5°	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1
86.25°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.3
85°	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.8	4.7
83.75°	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.2
82.5°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.6
81.25°	11.0	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.0
80°	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2	10.9	10.7	10.4
78.75°	14.5	14.2	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	11.8
77.5°	16.1	15.9	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.6	13.3
76.25°	17.3	17.1	16.9	16.7	16.4	16.2	16.0	15.7	15.4	15.1	14.7
75°	18.6	18.4	18.1	17.9	17.6	17.4	17.1	16.8	16.6	16.3	16.0
73.75°	19.5	19.3	19.2	19.0	18.8	18.5	18.3	18.0	17.7	17.4	17.0
72.5°	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.7	18.4	18.1
71.25°	21.6	21.2	20.8	20.6	20.4	20.2	19.9	19.7	19.5	19.2	19.0
70°	23.3	22.9	22.5	22.0	21.6	21.1	20.7	20.5	20.2	20.0	19.7
68.75°	25.0	24.5	24.1	23.6	23.1	22.6	22.1	21.6	21.1	20.7	20.4
67.5°	27.1	26.5	25.9	25.3	24.7	24.2	23.6	23.1	22.5	21.9	21.4
66.25°	29.2	28.6	27.9	27.3	26.6	25.9	25.2	24.5	23.9	23.3	22.7
65°	31.5	30.7	29.9	29.2	28.5	27.8	27.0	26.3	25.5	24.7	24.1
63.75°	34.1	33.2	32.4	31.5	30.5	29.7	28.9	28.1	27.3	26.4	25.5
62.5°	36.6	35.7	34.8	33.9	32.9	31.9	30.9	29.9	29.0	28.1	27.2
61.25°	39.5	38.4	37.3	36.2	35.2	34.2	33.1	32.0	30.9	29.9	28.9
60°	42.3	41.2	40.1	38.9	37.7	36.5	35.3	34.2	33.1	31.9	30.7
58.75°	45.2	44.0	42.8	41.6	40.3	39.0	37.7	36.4	35.2	33.9	32.7
57.5°	48.1	46.8	45.6	44.3	42.9	41.6	40.2	38.8	37.4	36.0	34.7
56.25°	50.9	49.6	48.3	47.0	45.6	44.1	42.7	41.2	39.7	38.2	36.7
55°	52.9	52.0	51.0	49.6	48.2	46.7	45.2	43.6	42.1	40.5	38.9
53.75°	55.0	54.0	52.9	51.9	50.8	49.2	47.7	46.1	44.4	42.8	41.1
52.5°	57.0	55.9	54.9	53.8	52.7	51.5	50.1	48.5	46.8	45.1	43.3
51.25°	58.9	57.9	56.8	55.6	54.5	53.3	52.1	50.8	49.1	47.3	45.5
50°	60.9	59.8	58.6	57.5	56.3	55.1	53.8	52.5	51.2	49.5	47.7
48.75°	62.5	61.6	60.5	59.3	58.1	56.8	55.5	54.2	52.9	51.5	49.8
47.5°	64.0	63.1	62.1	61.1	59.8	58.5	57.2	55.8	54.5	53.1	51.6
46.25°	65.5	64.6	63.6	62.6	61.5	60.2	58.9	57.5	56.0	54.6	53.1
45°	66.7	65.9	65.0	64.0	62.9	61.8	60.5	59.1	57.6	56.1	54.6
43.75°	67.9	67.0	66.2	65.3	64.2	63.1	61.9	60.6	59.1	57.6	56.0
42.5°	69.0	68.2	67.3	66.4	65.5	64.4	63.2	62.0	60.6	59.1	57.5
41.25°	70.1	69.2	68.4	67.5	66.5	65.6	64.4	63.2	61.9	60.5	58.9
40°	71.2	70.3	69.4	68.5	67.6	66.6	65.6	64.4	63.1	61.8	60.2
38.75°	72.1	71.3	70.4	69.5	68.5	67.6	66.5	65.5	64.2	62.9	61.5
37.5°	72.8	72.1	71.4	70.5	69.5	68.5	67.5	66.4	65.3	64.0	62.6
36.25°	73.5	72.8	72.2	71.4	70.4	69.4	68.4	67.3	66.2	65.0	63.6
35°	74.0	73.5	72.8	72.1	71.3	70.3	69.2	68.2	67.0	65.9	64.6



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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	74.3	74.0	73.5	72.8	72.1	71.2	70.1	69.0	67.9	66.7	65.5
32.5°	74.6	74.3	73.9	73.4	72.6	71.9	70.9	69.8	68.6	67.5	66.3
31.25°	75.1	74.6	74.2	73.9	73.2	72.5	71.7	70.6	69.4	68.2	67.0
30°	75.7	75.0	74.5	74.2	73.8	73.0	72.2	71.3	70.1	68.9	67.7
28.75°	76.3	75.6	74.8	74.4	74.1	73.5	72.7	71.9	70.8	69.6	68.4
27.5°	76.9	76.1	75.4	74.7	74.3	73.9	73.2	72.4	71.5	70.3	69.0
26.25°	77.8	76.7	75.9	75.1	74.6	74.2	73.7	72.9	72.0	70.9	69.6
25°	78.6	77.4	76.4	75.6	74.8	74.4	74.0	73.3	72.5	71.5	70.2
23.75°	79.5	78.2	77.0	76.1	75.3	74.6	74.2	73.8	72.9	72.0	70.8
22.5°	80.6	79.0	77.7	76.6	75.7	74.8	74.4	74.0	73.3	72.4	71.3
21.25°	82.3	79.7	78.4	77.1	76.2	75.3	74.6	74.2	73.6	72.7	71.8
20°	84.0	81.0	79.1	77.8	76.6	75.7	74.8	74.3	73.9	73.1	72.1
18.75°	85.7	82.5	79.7	78.4	77.0	76.1	75.1	74.5	74.1	73.4	72.5
17.5°	87.2	84.0	80.8	79.0	77.6	76.4	75.5	74.7	74.2	73.7	72.8
16.25°	91.0	85.4	82.1	79.5	78.1	76.8	75.8	74.8	74.4	73.9	73.0
15°	94.6	86.7	83.4	80.1	78.6	77.2	76.1	75.1	74.5	74.0	73.3
13.75°	98.1	89.0	84.6	81.2	79.1	77.6	76.4	75.4	74.6	74.2	73.5
12.5°	101.2	92.1	85.7	82.2	79.5	78.0	76.7	75.7	74.7	74.3	73.8
11.25°	104.1	94.8	86.6	83.2	79.9	78.4	76.9	75.9	74.9	74.4	73.9
10°	106.8	97.4	87.9	84.0	80.5	78.7	77.2	76.1	75.1	74.5	74.0
8.75°	111.2	99.6	90.1	84.8	81.2	79.0	77.5	76.3	75.3	74.5	74.0
7.5°	115.3	101.5	91.9	85.4	81.9	79.3	77.8	76.5	75.4	74.6	74.1
6.25°	118.8	103.2	93.5	86.0	82.4	79.5	78.0	76.6	75.6	74.7	74.2
5°	121.6	104.6	94.8	86.5	82.9	79.7	78.1	76.7	75.7	74.7	74.2
3.75°	123.9	105.6	95.8	86.8	83.2	79.8	78.3	76.8	75.7	74.8	74.3
2.5°	125.5	106.4	96.6	87.1	83.5	79.9	78.4	76.9	75.8	74.8	74.3
1.25°	126.4	106.8	97.0	87.2	83.6	80.0	78.4	76.9	75.8	74.8	74.3
0°	126.8	107.0	97.2	87.3	83.7	80.0	78.5	76.9	75.9	74.8	74.3
-1.25°	126.4	106.8	97.0	87.2	83.6	80.0	78.4	76.9	75.8	74.8	74.3
-2.5°	125.5	106.4	96.6	87.1	83.5	79.9	78.4	76.9	75.8	74.8	74.3
-3.75°	123.9	105.6	95.8	86.8	83.2	79.8	78.3	76.8	75.7	74.8	74.3
-5°	121.6	104.6	94.8	86.5	82.9	79.7	78.1	76.7	75.7	74.7	74.2
-6.25°	118.8	103.2	93.5	86.0	82.4	79.5	78.0	76.6	75.6	74.7	74.2
-7.5°	115.3	101.5	91.9	85.4	81.9	79.3	77.8	76.5	75.4	74.6	74.1
-8.75°	111.2	99.6	90.1	84.8	81.2	79.0	77.5	76.3	75.3	74.5	74.0
-10°	106.8	97.4	87.9	84.0	80.5	78.7	77.2	76.1	75.1	74.5	74.0
-11.25°	104.1	94.8	86.6	83.2	79.9	78.4	76.9	75.9	74.9	74.4	73.9
-12.5°	101.2	92.1	85.7	82.2	79.5	78.0	76.7	75.7	74.7	74.3	73.8
-13.75°	98.1	89.0	84.6	81.2	79.1	77.6	76.4	75.4	74.6	74.2	73.5
-15°	94.6	86.7	83.4	80.1	78.6	77.2	76.1	75.1	74.5	74.0	73.3
-16.25°	91.0	85.4	82.1	79.5	78.1	76.8	75.8	74.8	74.4	73.9	73.0
-17.5°	87.2	84.0	80.8	79.0	77.6	76.4	75.5	74.7	74.2	73.7	72.8
-18.75°	85.7	82.5	79.7	78.4	77.0	76.1	75.1	74.5	74.1	73.4	72.5
-20°	84.0	81.0	79.1	77.8	76.6	75.7	74.8	74.3	73.9	73.1	72.1
-21.25°	82.3	79.7	78.4	77.1	76.2	75.3	74.6	74.2	73.6	72.7	71.8



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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	80.6	79.0	77.7	76.6	75.7	74.8	74.4	74.0	73.3	72.4	71.3
-23.75°	79.5	78.2	77.0	76.1	75.3	74.6	74.2	73.8	72.9	72.0	70.8
-25°	78.6	77.4	76.4	75.6	74.8	74.4	74.0	73.3	72.5	71.5	70.2
-26.25°	77.8	76.7	75.9	75.1	74.6	74.2	73.7	72.9	72.0	70.9	69.6
-27.5°	76.9	76.1	75.4	74.7	74.3	73.9	73.2	72.4	71.5	70.3	69.0
-28.75°	76.3	75.6	74.8	74.4	74.1	73.5	72.7	71.9	70.8	69.6	68.4
-30°	75.7	75.0	74.5	74.2	73.8	73.0	72.2	71.3	70.1	68.9	67.7
-31.25°	75.1	74.6	74.2	73.9	73.2	72.5	71.7	70.6	69.4	68.2	67.0
-32.5°	74.6	74.3	73.9	73.4	72.6	71.9	70.9	69.8	68.6	67.5	66.3
-33.75°	74.3	74.0	73.5	72.8	72.1	71.2	70.1	69.0	67.9	66.7	65.5
-35°	74.0	73.5	72.8	72.1	71.3	70.3	69.2	68.2	67.0	65.9	64.6
-36.25°	73.5	72.8	72.2	71.4	70.4	69.4	68.4	67.3	66.2	65.0	63.6
-37.5°	72.8	72.1	71.4	70.5	69.5	68.5	67.5	66.4	65.3	64.0	62.6
-38.75°	72.1	71.3	70.4	69.5	68.5	67.6	66.5	65.5	64.2	62.9	61.5
-40°	71.2	70.3	69.4	68.5	67.6	66.6	65.6	64.4	63.1	61.8	60.2
-41.25°	70.1	69.2	68.4	67.5	66.5	65.6	64.4	63.2	61.9	60.5	58.9
-42.5°	69.0	68.2	67.3	66.4	65.5	64.4	63.2	62.0	60.6	59.1	57.5
-43.75°	67.9	67.0	66.2	65.3	64.2	63.1	61.9	60.6	59.1	57.6	56.0
-45°	66.7	65.9	65.0	64.0	62.9	61.8	60.5	59.1	57.6	56.1	54.6
-46.25°	65.5	64.6	63.6	62.6	61.5	60.2	58.9	57.5	56.0	54.6	53.1
-47.5°	64.0	63.1	62.1	61.1	59.8	58.5	57.2	55.8	54.5	53.1	51.6
-48.75°	62.5	61.6	60.5	59.3	58.1	56.8	55.5	54.2	52.9	51.5	49.8
-50°	60.9	59.8	58.6	57.5	56.3	55.1	53.8	52.5	51.2	49.5	47.7
-51.25°	58.9	57.9	56.8	55.6	54.5	53.3	52.1	50.8	49.1	47.3	45.5
-52.5°	57.0	55.9	54.9	53.8	52.7	51.5	50.1	48.5	46.8	45.1	43.3
-53.75°	55.0	54.0	52.9	51.9	50.8	49.2	47.7	46.1	44.4	42.8	41.1
-55°	52.9	52.0	51.0	49.6	48.2	46.7	45.2	43.6	42.1	40.5	38.9
-56.25°	50.9	49.6	48.3	47.0	45.6	44.1	42.7	41.2	39.7	38.2	36.7
-57.5°	48.1	46.8	45.6	44.3	42.9	41.6	40.2	38.8	37.4	36.0	34.7
-58.75°	45.2	44.0	42.8	41.6	40.3	39.0	37.7	36.4	35.2	33.9	32.7
-60°	42.3	41.2	40.1	38.9	37.7	36.5	35.3	34.2	33.1	31.9	30.7
-61.25°	39.5	38.4	37.3	36.2	35.2	34.2	33.1	32.0	30.9	29.9	28.9
-62.5°	36.6	35.7	34.8	33.9	32.9	31.9	30.9	29.9	29.0	28.1	27.2
-63.75°	34.1	33.2	32.4	31.5	30.5	29.7	28.9	28.1	27.3	26.4	25.5
-65°	31.5	30.7	29.9	29.2	28.5	27.8	27.0	26.3	25.5	24.7	24.1
-66.25°	29.2	28.6	27.9	27.3	26.6	25.9	25.2	24.5	23.9	23.3	22.7
-67.5°	27.1	26.5	25.9	25.3	24.7	24.2	23.6	23.1	22.5	21.9	21.4
-68.75°	25.0	24.5	24.1	23.6	23.1	22.6	22.1	21.6	21.1	20.7	20.4
-70°	23.3	22.9	22.5	22.0	21.6	21.1	20.7	20.5	20.2	20.0	19.7
-71.25°	21.6	21.2	20.8	20.6	20.4	20.2	19.9	19.7	19.5	19.2	19.0
-72.5°	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.7	18.4	18.1
-73.75°	19.5	19.3	19.2	19.0	18.8	18.5	18.3	18.0	17.7	17.4	17.0
-75°	18.6	18.4	18.1	17.9	17.6	17.4	17.1	16.8	16.6	16.3	16.0
-76.25°	17.3	17.1	16.9	16.7	16.4	16.2	16.0	15.7	15.4	15.1	14.7
-77.5°	16.1	15.9	15.7	15.4	15.1	14.8	14.5	14.2	13.9	13.6	13.3



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	14.5	14.2	14.0	13.8	13.5	13.2	13.0	12.7	12.4	12.1	11.8
-80°	12.7	12.5	12.3	12.1	11.9	11.6	11.4	11.2	10.9	10.7	10.4
-81.25°	11.0	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.4	9.2	9.0
-82.5°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.6
-83.75°	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.3	6.2
-85°	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	4.8	4.7
-86.25°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.4	3.3
-87.5°	2.6	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.1
-88.75°	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8
87.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5
86.25°	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3
85°	4.6	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.4	3.3	3.1
83.75°	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1
82.5°	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.4	5.2
81.25°	8.8	8.5	8.3	8.1	7.8	7.6	7.3	7.0	6.8	6.5	6.2
80°	10.1	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.3
78.75°	11.5	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.0	8.6	8.3
77.5°	12.9	12.6	12.2	11.9	11.5	11.2	10.8	10.4	10.1	9.7	9.3
76.25°	14.3	13.9	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.7	10.3
75°	15.7	15.3	14.9	14.5	14.0	13.6	13.1	12.7	12.2	11.8	11.3
73.75°	16.7	16.4	16.0	15.7	15.3	14.8	14.3	13.8	13.3	12.8	12.3
72.5°	17.7	17.4	17.0	16.7	16.3	15.9	15.5	15.0	14.4	13.9	13.3
71.25°	18.7	18.4	18.0	17.6	17.2	16.8	16.4	16.0	15.5	14.9	14.3
70°	19.4	19.1	18.9	18.5	18.1	17.7	17.2	16.8	16.3	15.9	15.3
68.75°	20.1	19.8	19.5	19.2	18.9	18.5	18.1	17.6	17.1	16.6	16.1
67.5°	20.8	20.5	20.2	19.8	19.5	19.2	18.9	18.4	17.9	17.4	16.9
66.25°	22.1	21.5	20.8	20.5	20.1	19.8	19.4	19.1	18.7	18.2	17.6
65°	23.4	22.7	22.1	21.4	20.7	20.4	20.0	19.6	19.2	18.8	18.3
63.75°	24.7	24.0	23.3	22.6	21.8	21.1	20.5	20.1	19.7	19.3	18.9
62.5°	26.3	25.4	24.5	23.8	23.0	22.2	21.4	20.7	20.3	19.8	19.4
61.25°	27.9	27.0	26.0	24.9	24.1	23.3	22.5	21.6	20.8	20.3	19.9
60°	29.6	28.5	27.5	26.4	25.4	24.4	23.5	22.7	21.8	20.9	20.4
58.75°	31.4	30.1	29.0	27.9	26.8	25.7	24.6	23.7	22.7	21.8	20.9
57.5°	33.3	32.0	30.6	29.4	28.2	27.0	25.8	24.7	23.7	22.7	21.8
56.25°	35.3	33.9	32.4	31.0	29.6	28.4	27.2	25.9	24.7	23.7	22.7
55°	37.3	35.7	34.2	32.7	31.2	29.7	28.5	27.2	25.8	24.6	23.5
53.75°	39.4	37.7	36.0	34.4	32.9	31.3	29.7	28.4	27.0	25.7	24.4
52.5°	41.5	39.8	37.9	36.1	34.5	32.9	31.2	29.6	28.2	26.8	25.4
51.25°	43.6	41.8	39.9	38.0	36.1	34.4	32.7	31.0	29.4	27.9	26.4
50°	45.8	43.8	41.9	39.9	37.9	36.0	34.2	32.4	30.6	29.0	27.5
48.75°	47.8	45.8	43.8	41.8	39.8	37.7	35.7	33.9	32.0	30.1	28.5
47.5°	49.9	47.8	45.8	43.6	41.5	39.4	37.3	35.3	33.3	31.4	29.6
46.25°	51.6	49.8	47.7	45.5	43.3	41.1	38.9	36.7	34.7	32.7	30.7
45°	53.1	51.5	49.5	47.3	45.1	42.8	40.5	38.2	36.0	33.9	31.9
43.75°	54.5	52.9	51.2	49.1	46.8	44.4	42.1	39.7	37.4	35.2	33.1
42.5°	55.8	54.2	52.5	50.8	48.5	46.1	43.6	41.2	38.8	36.4	34.2
41.25°	57.2	55.5	53.8	52.1	50.1	47.7	45.2	42.7	40.2	37.7	35.3
40°	58.5	56.8	55.1	53.3	51.5	49.2	46.7	44.1	41.6	39.0	36.5
38.75°	59.8	58.1	56.3	54.5	52.7	50.8	48.2	45.6	42.9	40.3	37.7
37.5°	61.1	59.3	57.5	55.6	53.8	51.9	49.6	47.0	44.3	41.6	38.9
36.25°	62.1	60.5	58.6	56.8	54.9	52.9	51.0	48.3	45.6	42.8	40.1
35°	63.1	61.6	59.8	57.9	55.9	54.0	52.0	49.6	46.8	44.0	41.2



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	64.0	62.5	60.9	58.9	57.0	55.0	52.9	50.9	48.1	45.2	42.3
32.5°	65.0	63.4	61.8	60.0	58.0	55.9	53.9	51.8	49.3	46.4	43.4
31.25°	65.8	64.3	62.7	61.0	58.9	56.9	54.8	52.7	50.4	47.5	44.5
30°	66.4	65.1	63.5	61.8	59.9	57.8	55.7	53.5	51.4	48.6	45.5
28.75°	67.1	65.8	64.3	62.6	60.8	58.7	56.5	54.3	52.2	49.6	46.5
27.5°	67.7	66.4	65.0	63.3	61.6	59.5	57.3	55.1	52.9	50.6	47.5
26.25°	68.3	67.0	65.7	64.0	62.3	60.3	58.1	55.9	53.6	51.4	48.4
25°	68.9	67.6	66.2	64.7	62.9	61.1	58.8	56.6	54.3	52.0	49.3
23.75°	69.5	68.1	66.7	65.3	63.5	61.7	59.6	57.3	55.0	52.7	50.1
22.5°	70.0	68.6	67.2	65.8	64.1	62.3	60.3	57.9	55.6	53.3	50.9
21.25°	70.5	69.1	67.7	66.3	64.7	62.8	60.9	58.6	56.2	53.8	51.5
20°	71.0	69.6	68.2	66.7	65.2	63.4	61.5	59.2	56.8	54.4	52.0
18.75°	71.4	70.0	68.6	67.1	65.7	63.8	62.0	59.7	57.3	54.9	52.5
17.5°	71.8	70.4	69.0	67.5	66.0	64.3	62.4	60.3	57.8	55.4	52.9
16.25°	72.1	70.8	69.4	67.9	66.4	64.7	62.8	60.7	58.3	55.8	53.4
15°	72.3	71.2	69.7	68.2	66.7	65.1	63.2	61.2	58.7	56.3	53.8
13.75°	72.6	71.5	70.0	68.5	67.0	65.5	63.5	61.6	59.1	56.6	54.1
12.5°	72.8	71.8	70.3	68.8	67.3	65.7	63.8	61.9	59.5	57.0	54.5
11.25°	73.0	71.9	70.6	69.1	67.5	66.0	64.1	62.1	59.8	57.3	54.8
10°	73.1	72.1	70.8	69.3	67.7	66.2	64.4	62.4	60.2	57.6	55.1
8.75°	73.3	72.3	71.0	69.5	67.9	66.4	64.6	62.6	60.4	57.9	55.3
7.5°	73.4	72.4	71.2	69.7	68.1	66.5	64.8	62.8	60.7	58.1	55.5
6.25°	73.5	72.5	71.3	69.8	68.3	66.7	65.0	63.0	60.8	58.3	55.7
5°	73.6	72.6	71.5	69.9	68.4	66.8	65.1	63.1	61.0	58.4	55.8
3.75°	73.7	72.7	71.6	70.0	68.5	66.9	65.3	63.2	61.1	58.5	56.0
2.5°	73.8	72.7	71.6	70.1	68.5	66.9	65.3	63.3	61.2	58.6	56.0
1.25°	73.8	72.7	71.7	70.1	68.6	67.0	65.4	63.3	61.3	58.7	56.1
0°	73.8	72.8	71.7	70.2	68.6	67.0	65.4	63.4	61.3	58.7	56.1
-1.25°	73.8	72.7	71.7	70.1	68.6	67.0	65.4	63.3	61.3	58.7	56.1
-2.5°	73.8	72.7	71.6	70.1	68.5	66.9	65.3	63.3	61.2	58.6	56.0
-3.75°	73.7	72.7	71.6	70.0	68.5	66.9	65.3	63.2	61.1	58.5	56.0
-5°	73.6	72.6	71.5	69.9	68.4	66.8	65.1	63.1	61.0	58.4	55.8
-6.25°	73.5	72.5	71.3	69.8	68.3	66.7	65.0	63.0	60.8	58.3	55.7
-7.5°	73.4	72.4	71.2	69.7	68.1	66.5	64.8	62.8	60.7	58.1	55.5
-8.75°	73.3	72.3	71.0	69.5	67.9	66.4	64.6	62.6	60.4	57.9	55.3
-10°	73.1	72.1	70.8	69.3	67.7	66.2	64.4	62.4	60.2	57.6	55.1
-11.25°	73.0	71.9	70.6	69.1	67.5	66.0	64.1	62.1	59.8	57.3	54.8
-12.5°	72.8	71.8	70.3	68.8	67.3	65.7	63.8	61.9	59.5	57.0	54.5
-13.75°	72.6	71.5	70.0	68.5	67.0	65.5	63.5	61.6	59.1	56.6	54.1
-15°	72.3	71.2	69.7	68.2	66.7	65.1	63.2	61.2	58.7	56.3	53.8
-16.25°	72.1	70.8	69.4	67.9	66.4	64.7	62.8	60.7	58.3	55.8	53.4
-17.5°	71.8	70.4	69.0	67.5	66.0	64.3	62.4	60.3	57.8	55.4	52.9
-18.75°	71.4	70.0	68.6	67.1	65.7	63.8	62.0	59.7	57.3	54.9	52.5
-20°	71.0	69.6	68.2	66.7	65.2	63.4	61.5	59.2	56.8	54.4	52.0
-21.25°	70.5	69.1	67.7	66.3	64.7	62.8	60.9	58.6	56.2	53.8	51.5





REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	70.0	68.6	67.2	65.8	64.1	62.3	60.3	57.9	55.6	53.3	50.9
-23.75°	69.5	68.1	66.7	65.3	63.5	61.7	59.6	57.3	55.0	52.7	50.1
-25°	68.9	67.6	66.2	64.7	62.9	61.1	58.8	56.6	54.3	52.0	49.3
-26.25°	68.3	67.0	65.7	64.0	62.3	60.3	58.1	55.9	53.6	51.4	48.4
-27.5°	67.7	66.4	65.0	63.3	61.6	59.5	57.3	55.1	52.9	50.6	47.5
-28.75°	67.1	65.8	64.3	62.6	60.8	58.7	56.5	54.3	52.2	49.6	46.5
-30°	66.4	65.1	63.5	61.8	59.9	57.8	55.7	53.5	51.4	48.6	45.5
-31.25°	65.8	64.3	62.7	61.0	58.9	56.9	54.8	52.7	50.4	47.5	44.5
-32.5°	65.0	63.4	61.8	60.0	58.0	55.9	53.9	51.8	49.3	46.4	43.4
-33.75°	64.0	62.5	60.9	58.9	57.0	55.0	52.9	50.9	48.1	45.2	42.3
-35°	63.1	61.6	59.8	57.9	55.9	54.0	52.0	49.6	46.8	44.0	41.2
-36.25°	62.1	60.5	58.6	56.8	54.9	52.9	51.0	48.3	45.6	42.8	40.1
-37.5°	61.1	59.3	57.5	55.6	53.8	51.9	49.6	47.0	44.3	41.6	38.9
-38.75°	59.8	58.1	56.3	54.5	52.7	50.8	48.2	45.6	42.9	40.3	37.7
-40°	58.5	56.8	55.1	53.3	51.5	49.2	46.7	44.1	41.6	39.0	36.5
-41.25°	57.2	55.5	53.8	52.1	50.1	47.7	45.2	42.7	40.2	37.7	35.3
-42.5°	55.8	54.2	52.5	50.8	48.5	46.1	43.6	41.2	38.8	36.4	34.2
-43.75°	54.5	52.9	51.2	49.1	46.8	44.4	42.1	39.7	37.4	35.2	33.1
-45°	53.1	51.5	49.5	47.3	45.1	42.8	40.5	38.2	36.0	33.9	31.9
-46.25°	51.6	49.8	47.7	45.5	43.3	41.1	38.9	36.7	34.7	32.7	30.7
-47.5°	49.9	47.8	45.8	43.6	41.5	39.4	37.3	35.3	33.3	31.4	29.6
-48.75°	47.8	45.8	43.8	41.8	39.8	37.7	35.7	33.9	32.0	30.1	28.5
-50°	45.8	43.8	41.9	39.9	37.9	36.0	34.2	32.4	30.6	29.0	27.5
-51.25°	43.6	41.8	39.9	38.0	36.1	34.4	32.7	31.0	29.4	27.9	26.4
-52.5°	41.5	39.8	37.9	36.1	34.5	32.9	31.2	29.6	28.2	26.8	25.4
-53.75°	39.4	37.7	36.0	34.4	32.9	31.3	29.7	28.4	27.0	25.7	24.4
-55°	37.3	35.7	34.2	32.7	31.2	29.7	28.5	27.2	25.8	24.6	23.5
-56.25°	35.3	33.9	32.4	31.0	29.6	28.4	27.2	25.9	24.7	23.7	22.7
-57.5°	33.3	32.0	30.6	29.4	28.2	27.0	25.8	24.7	23.7	22.7	21.8
-58.75°	31.4	30.1	29.0	27.9	26.8	25.7	24.6	23.7	22.7	21.8	20.9
-60°	29.6	28.5	27.5	26.4	25.4	24.4	23.5	22.7	21.8	20.9	20.4
-61.25°	27.9	27.0	26.0	24.9	24.1	23.3	22.5	21.6	20.8	20.3	19.9
-62.5°	26.3	25.4	24.5	23.8	23.0	22.2	21.4	20.7	20.3	19.8	19.4
-63.75°	24.7	24.0	23.3	22.6	21.8	21.1	20.5	20.1	19.7	19.3	18.9
-65°	23.4	22.7	22.1	21.4	20.7	20.4	20.0	19.6	19.2	18.8	18.3
-66.25°	22.1	21.5	20.8	20.5	20.1	19.8	19.4	19.1	18.7	18.2	17.6
-67.5°	20.8	20.5	20.2	19.8	19.5	19.2	18.9	18.4	17.9	17.4	16.9
-68.75°	20.1	19.8	19.5	19.2	18.9	18.5	18.1	17.6	17.1	16.6	16.1
-70°	19.4	19.1	18.9	18.5	18.1	17.7	17.2	16.8	16.3	15.9	15.3
-71.25°	18.7	18.4	18.0	17.6	17.2	16.8	16.4	16.0	15.5	14.9	14.3
-72.5°	17.7	17.4	17.0	16.7	16.3	15.9	15.5	15.0	14.4	13.9	13.3
-73.75°	16.7	16.4	16.0	15.7	15.3	14.8	14.3	13.8	13.3	12.8	12.3
-75°	15.7	15.3	14.9	14.5	14.0	13.6	13.1	12.7	12.2	11.8	11.3
-76.25°	14.3	13.9	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.7	10.3
-77.5°	12.9	12.6	12.2	11.9	11.5	11.2	10.8	10.4	10.1	9.7	9.3



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	11.5	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.0	8.6	8.3
-80°	10.1	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.3
-81.25°	8.8	8.5	8.3	8.1	7.8	7.6	7.3	7.0	6.8	6.5	6.2
-82.5°	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.4	5.2
-83.75°	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1
-85°	4.6	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.4	3.3	3.1
-86.25°	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3
-87.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5
-88.75°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	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



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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°
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	0.6	0.6	0.6	0.5	0.5	0.5	0.4
87.5°	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
86.25°	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
85°	3.0	2.9	2.7	2.6	2.5	2.4	2.2	2.1	2.0	1.9	1.7
83.75°	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.2
82.5°	4.9	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0	2.8	2.6
81.25°	5.9	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0
80°	6.9	6.6	6.3	6.0	5.6	5.3	5.0	4.6	4.3	3.9	3.6
78.75°	7.9	7.6	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.6	4.2
77.5°	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.0	5.6	5.2	4.7
76.25°	9.9	9.4	9.0	8.6	8.1	7.7	7.2	6.7	6.3	5.8	5.3
75°	10.8	10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9
73.75°	11.8	11.3	10.8	10.2	9.7	9.2	8.6	8.1	7.6	7.0	6.4
72.5°	12.8	12.2	11.6	11.1	10.5	9.9	9.4	8.8	8.2	7.6	7.0
71.25°	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.5	8.8	8.2	7.6
70°	14.7	14.1	13.4	12.8	12.1	11.4	10.8	10.1	9.5	8.8	8.1
68.75°	15.6	15.0	14.3	13.6	12.9	12.2	11.5	10.8	10.1	9.4	8.6
67.5°	16.4	15.8	15.2	14.4	13.7	12.9	12.2	11.4	10.7	9.9	9.2
66.25°	17.1	16.5	15.9	15.3	14.5	13.7	12.9	12.1	11.3	10.5	9.7
65°	17.7	17.2	16.6	16.0	15.3	14.4	13.6	12.8	11.9	11.1	10.2
63.75°	18.4	17.8	17.2	16.6	15.9	15.2	14.3	13.4	12.5	11.6	10.8
62.5°	19.0	18.5	17.8	17.2	16.5	15.8	15.0	14.1	13.1	12.2	11.3
61.25°	19.4	19.0	18.4	17.7	17.1	16.4	15.6	14.7	13.7	12.8	11.8
60°	19.9	19.4	18.9	18.3	17.6	16.9	16.1	15.3	14.3	13.3	12.3
58.75°	20.3	19.8	19.3	18.8	18.2	17.4	16.6	15.9	14.9	13.9	12.8
57.5°	20.8	20.3	19.7	19.2	18.7	17.9	17.1	16.3	15.5	14.4	13.3
56.25°	21.6	20.7	20.1	19.6	19.1	18.4	17.6	16.8	16.0	15.0	13.8
55°	22.5	21.4	20.5	20.0	19.4	18.9	18.1	17.2	16.4	15.5	14.3
53.75°	23.3	22.2	21.1	20.4	19.8	19.2	18.5	17.7	16.8	15.9	14.8
52.5°	24.1	23.0	21.8	20.7	20.1	19.5	18.9	18.1	17.2	16.3	15.3
51.25°	24.9	23.8	22.6	21.4	20.5	19.8	19.2	18.5	17.6	16.7	15.7
50°	26.0	24.5	23.3	22.1	20.8	20.2	19.5	18.9	18.0	17.0	16.0
48.75°	27.0	25.4	24.0	22.7	21.5	20.5	19.8	19.1	18.4	17.4	16.4
47.5°	27.9	26.3	24.7	23.4	22.1	20.8	20.1	19.4	18.7	17.7	16.7
46.25°	28.9	27.2	25.5	24.1	22.7	21.4	20.4	19.7	19.0	18.1	17.0
45°	29.9	28.1	26.4	24.7	23.3	21.9	20.7	20.0	19.2	18.4	17.4
43.75°	30.9	29.0	27.3	25.5	23.9	22.5	21.1	20.2	19.5	18.7	17.7
42.5°	32.0	29.9	28.1	26.3	24.5	23.1	21.6	20.5	19.7	19.0	18.0
41.25°	33.1	30.9	28.9	27.0	25.2	23.6	22.1	20.7	19.9	19.2	18.3
40°	34.2	31.9	29.7	27.8	25.9	24.2	22.6	21.1	20.2	19.4	18.5
38.75°	35.2	32.9	30.5	28.5	26.6	24.7	23.1	21.6	20.4	19.6	18.8
37.5°	36.2	33.9	31.5	29.2	27.3	25.3	23.6	22.0	20.6	19.8	19.0
36.25°	37.3	34.8	32.4	29.9	27.9	25.9	24.1	22.5	20.8	20.0	19.2
35°	38.4	35.7	33.2	30.7	28.6	26.5	24.5	22.9	21.2	20.2	19.3



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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°	39.5	36.6	34.1	31.5	29.2	27.1	25.0	23.3	21.6	20.4	19.5
32.5°	40.5	37.6	34.9	32.3	29.8	27.7	25.5	23.7	22.0	20.5	19.7
31.25°	41.5	38.6	35.7	33.1	30.5	28.2	26.0	24.1	22.4	20.7	19.8
30°	42.5	39.5	36.5	33.8	31.1	28.8	26.5	24.5	22.7	21.0	20.0
28.75°	43.4	40.4	37.3	34.5	31.8	29.3	27.0	24.8	23.0	21.3	20.1
27.5°	44.3	41.2	38.1	35.2	32.4	29.8	27.5	25.2	23.4	21.6	20.3
26.25°	45.2	42.1	38.9	35.8	33.1	30.3	28.0	25.7	23.7	21.9	20.4
25°	46.1	42.8	39.7	36.5	33.6	30.8	28.4	26.1	24.0	22.1	20.5
23.75°	46.9	43.6	40.4	37.1	34.2	31.4	28.8	26.4	24.3	22.4	20.7
22.5°	47.6	44.3	41.1	37.8	34.7	31.9	29.2	26.8	24.5	22.7	20.8
21.25°	48.4	45.0	41.7	38.4	35.3	32.4	29.6	27.2	24.8	22.9	21.0
20°	49.1	45.7	42.3	39.0	35.7	32.8	29.9	27.5	25.1	23.1	21.2
18.75°	49.7	46.3	42.9	39.5	36.2	33.2	30.3	27.8	25.4	23.3	21.4
17.5°	50.3	46.9	43.5	40.1	36.7	33.6	30.7	28.1	25.6	23.5	21.6
16.25°	50.9	47.4	44.0	40.5	37.1	34.0	31.0	28.4	25.9	23.7	21.8
15°	51.3	47.9	44.5	41.0	37.5	34.4	31.3	28.6	26.1	23.9	21.9
13.75°	51.6	48.4	44.9	41.4	37.9	34.7	31.6	28.9	26.3	24.1	22.1
12.5°	52.0	48.8	45.3	41.8	38.3	35.0	31.9	29.1	26.5	24.2	22.2
11.25°	52.2	49.2	45.7	42.1	38.6	35.3	32.2	29.3	26.7	24.3	22.3
10°	52.5	49.6	46.0	42.4	38.9	35.5	32.4	29.4	26.9	24.5	22.4
8.75°	52.7	49.9	46.3	42.7	39.2	35.7	32.6	29.6	27.0	24.6	22.5
7.5°	52.9	50.2	46.5	42.9	39.4	35.9	32.8	29.7	27.2	24.6	22.6
6.25°	53.1	50.4	46.8	43.1	39.6	36.0	32.9	29.8	27.3	24.7	22.7
5°	53.3	50.6	46.9	43.3	39.7	36.2	33.0	29.9	27.3	24.8	22.7
3.75°	53.4	50.7	47.1	43.4	39.8	36.3	33.1	30.0	27.4	24.8	22.8
2.5°	53.4	50.8	47.2	43.5	39.9	36.3	33.2	30.1	27.5	24.9	22.8
1.25°	53.5	50.9	47.2	43.6	40.0	36.4	33.2	30.1	27.5	24.9	22.8
0°	53.5	50.9	47.3	43.6	40.0	36.4	33.3	30.1	27.5	24.9	22.9
-1.25°	53.5	50.9	47.2	43.6	40.0	36.4	33.2	30.1	27.5	24.9	22.8
-2.5°	53.4	50.8	47.2	43.5	39.9	36.3	33.2	30.1	27.5	24.9	22.8
-3.75°	53.4	50.7	47.1	43.4	39.8	36.3	33.1	30.0	27.4	24.8	22.8
-5°	53.3	50.6	46.9	43.3	39.7	36.2	33.0	29.9	27.3	24.8	22.7
-6.25°	53.1	50.4	46.8	43.1	39.6	36.0	32.9	29.8	27.3	24.7	22.7
-7.5°	52.9	50.2	46.5	42.9	39.4	35.9	32.8	29.7	27.2	24.6	22.6
-8.75°	52.7	49.9	46.3	42.7	39.2	35.7	32.6	29.6	27.0	24.6	22.5
-10°	52.5	49.6	46.0	42.4	38.9	35.5	32.4	29.4	26.9	24.5	22.4
-11.25°	52.2	49.2	45.7	42.1	38.6	35.3	32.2	29.3	26.7	24.3	22.3
-12.5°	52.0	48.8	45.3	41.8	38.3	35.0	31.9	29.1	26.5	24.2	22.2
-13.75°	51.6	48.4	44.9	41.4	37.9	34.7	31.6	28.9	26.3	24.1	22.1
-15°	51.3	47.9	44.5	41.0	37.5	34.4	31.3	28.6	26.1	23.9	21.9
-16.25°	50.9	47.4	44.0	40.5	37.1	34.0	31.0	28.4	25.9	23.7	21.8
-17.5°	50.3	46.9	43.5	40.1	36.7	33.6	30.7	28.1	25.6	23.5	21.6
-18.75°	49.7	46.3	42.9	39.5	36.2	33.2	30.3	27.8	25.4	23.3	21.4
-20°	49.1	45.7	42.3	39.0	35.7	32.8	29.9	27.5	25.1	23.1	21.2
-21.25°	48.4	45.0	41.7	38.4	35.3	32.4	29.6	27.2	24.8	22.9	21.0



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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°	47.6	44.3	41.1	37.8	34.7	31.9	29.2	26.8	24.5	22.7	20.8
-23.75°	46.9	43.6	40.4	37.1	34.2	31.4	28.8	26.4	24.3	22.4	20.7
-25°	46.1	42.8	39.7	36.5	33.6	30.8	28.4	26.1	24.0	22.1	20.5
-26.25°	45.2	42.1	38.9	35.8	33.1	30.3	28.0	25.7	23.7	21.9	20.4
-27.5°	44.3	41.2	38.1	35.2	32.4	29.8	27.5	25.2	23.4	21.6	20.3
-28.75°	43.4	40.4	37.3	34.5	31.8	29.3	27.0	24.8	23.0	21.3	20.1
-30°	42.5	39.5	36.5	33.8	31.1	28.8	26.5	24.5	22.7	21.0	20.0
-31.25°	41.5	38.6	35.7	33.1	30.5	28.2	26.0	24.1	22.4	20.7	19.8
-32.5°	40.5	37.6	34.9	32.3	29.8	27.7	25.5	23.7	22.0	20.5	19.7
-33.75°	39.5	36.6	34.1	31.5	29.2	27.1	25.0	23.3	21.6	20.4	19.5
-35°	38.4	35.7	33.2	30.7	28.6	26.5	24.5	22.9	21.2	20.2	19.3
-36.25°	37.3	34.8	32.4	29.9	27.9	25.9	24.1	22.5	20.8	20.0	19.2
-37.5°	36.2	33.9	31.5	29.2	27.3	25.3	23.6	22.0	20.6	19.8	19.0
-38.75°	35.2	32.9	30.5	28.5	26.6	24.7	23.1	21.6	20.4	19.6	18.8
-40°	34.2	31.9	29.7	27.8	25.9	24.2	22.6	21.1	20.2	19.4	18.5
-41.25°	33.1	30.9	28.9	27.0	25.2	23.6	22.1	20.7	19.9	19.2	18.3
-42.5°	32.0	29.9	28.1	26.3	24.5	23.1	21.6	20.5	19.7	19.0	18.0
-43.75°	30.9	29.0	27.3	25.5	23.9	22.5	21.1	20.2	19.5	18.7	17.7
-45°	29.9	28.1	26.4	24.7	23.3	21.9	20.7	20.0	19.2	18.4	17.4
-46.25°	28.9	27.2	25.5	24.1	22.7	21.4	20.4	19.7	19.0	18.1	17.0
-47.5°	27.9	26.3	24.7	23.4	22.1	20.8	20.1	19.4	18.7	17.7	16.7
-48.75°	27.0	25.4	24.0	22.7	21.5	20.5	19.8	19.1	18.4	17.4	16.4
-50°	26.0	24.5	23.3	22.1	20.8	20.2	19.5	18.9	18.0	17.0	16.0
-51.25°	24.9	23.8	22.6	21.4	20.5	19.8	19.2	18.5	17.6	16.7	15.7
-52.5°	24.1	23.0	21.8	20.7	20.1	19.5	18.9	18.1	17.2	16.3	15.3
-53.75°	23.3	22.2	21.1	20.4	19.8	19.2	18.5	17.7	16.8	15.9	14.8
-55°	22.5	21.4	20.5	20.0	19.4	18.9	18.1	17.2	16.4	15.5	14.3
-56.25°	21.6	20.7	20.1	19.6	19.1	18.4	17.6	16.8	16.0	15.0	13.8
-57.5°	20.8	20.3	19.7	19.2	18.7	17.9	17.1	16.3	15.5	14.4	13.3
-58.75°	20.3	19.8	19.3	18.8	18.2	17.4	16.6	15.9	14.9	13.9	12.8
-60°	19.9	19.4	18.9	18.3	17.6	16.9	16.1	15.3	14.3	13.3	12.3
-61.25°	19.4	19.0	18.4	17.7	17.1	16.4	15.6	14.7	13.7	12.8	11.8
-62.5°	19.0	18.5	17.8	17.2	16.5	15.8	15.0	14.1	13.1	12.2	11.3
-63.75°	18.4	17.8	17.2	16.6	15.9	15.2	14.3	13.4	12.5	11.6	10.8
-65°	17.7	17.2	16.6	16.0	15.3	14.4	13.6	12.8	11.9	11.1	10.2
-66.25°	17.1	16.5	15.9	15.3	14.5	13.7	12.9	12.1	11.3	10.5	9.7
-67.5°	16.4	15.8	15.2	14.4	13.7	12.9	12.2	11.4	10.7	9.9	9.2
-68.75°	15.6	15.0	14.3	13.6	12.9	12.2	11.5	10.8	10.1	9.4	8.6
-70°	14.7	14.1	13.4	12.8	12.1	11.4	10.8	10.1	9.5	8.8	8.1
-71.25°	13.7	13.1	12.5	11.9	11.3	10.7	10.1	9.5	8.8	8.2	7.6
-72.5°	12.8	12.2	11.6	11.1	10.5	9.9	9.4	8.8	8.2	7.6	7.0
-73.75°	11.8	11.3	10.8	10.2	9.7	9.2	8.6	8.1	7.6	7.0	6.4
-75°	10.8	10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9
-76.25°	9.9	9.4	9.0	8.6	8.1	7.7	7.2	6.7	6.3	5.8	5.3
-77.5°	8.9	8.5	8.1	7.7	7.3	6.9	6.5	6.0	5.6	5.2	4.7



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	7.9	7.6	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.6	4.2
-80°	6.9	6.6	6.3	6.0	5.6	5.3	5.0	4.6	4.3	3.9	3.6
-81.25°	5.9	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0
-82.5°	4.9	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0	2.8	2.6
-83.75°	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.2
-85°	3.0	2.9	2.7	2.6	2.5	2.4	2.2	2.1	2.0	1.9	1.7
-86.25°	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-87.5°	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
-88.75°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	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: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
85°	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
83.75°	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
82.5°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
81.25°	2.8	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
80°	3.2	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.5
78.75°	3.8	3.4	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
77.5°	4.3	3.9	3.4	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
76.25°	4.8	4.3	3.9	3.4	2.9	2.6	2.2	1.8	1.5	1.1	0.7
75°	5.4	4.8	4.3	3.8	3.2	2.8	2.4	2.0	1.6	1.2	0.8
73.75°	5.9	5.3	4.7	4.2	3.6	3.0	2.6	2.2	1.7	1.3	0.9
72.5°	6.4	5.8	5.2	4.6	3.9	3.3	2.8	2.3	1.9	1.4	0.9
71.25°	6.9	6.3	5.6	4.9	4.3	3.6	3.0	2.5	2.0	1.5	1.0
70°	7.4	6.7	6.0	5.3	4.6	3.9	3.2	2.6	2.1	1.6	1.1
68.75°	7.9	7.2	6.5	5.7	5.0	4.2	3.5	2.8	2.2	1.7	1.1
67.5°	8.4	7.7	6.9	6.1	5.3	4.5	3.7	3.0	2.4	1.8	1.2
66.25°	8.9	8.1	7.3	6.5	5.6	4.8	4.0	3.1	2.5	1.9	1.2
65°	9.4	8.6	7.7	6.8	6.0	5.1	4.2	3.3	2.6	2.0	1.3
63.75°	9.9	9.0	8.1	7.2	6.3	5.4	4.5	3.5	2.7	2.1	1.4
62.5°	10.4	9.4	8.5	7.6	6.6	5.7	4.7	3.7	2.9	2.1	1.4
61.25°	10.8	9.9	8.9	7.9	6.9	5.9	4.9	3.9	3.0	2.2	1.5
60°	11.3	10.3	9.3	8.3	7.3	6.2	5.2	4.1	3.1	2.3	1.5
58.75°	11.8	10.7	9.7	8.6	7.6	6.5	5.4	4.3	3.3	2.4	1.6
57.5°	12.2	11.1	10.1	9.0	7.9	6.8	5.7	4.5	3.4	2.5	1.7
56.25°	12.7	11.5	10.4	9.3	8.2	7.0	5.9	4.7	3.6	2.6	1.7
55°	13.1	12.0	10.8	9.6	8.5	7.3	6.1	4.9	3.7	2.7	1.8
53.75°	13.6	12.4	11.2	10.0	8.8	7.6	6.3	5.1	3.9	2.7	1.8
52.5°	14.0	12.8	11.5	10.3	9.1	7.8	6.6	5.3	4.0	2.8	1.9
51.25°	14.5	13.2	11.9	10.6	9.3	8.1	6.8	5.5	4.2	2.9	1.9
50°	14.9	13.6	12.2	10.9	9.6	8.3	7.0	5.6	4.3	3.0	2.0
48.75°	15.3	13.9	12.6	11.2	9.9	8.5	7.2	5.8	4.4	3.1	2.0
47.5°	15.7	14.3	12.9	11.5	10.1	8.8	7.4	6.0	4.6	3.2	2.1
46.25°	16.0	14.7	13.3	11.8	10.4	9.0	7.6	6.2	4.7	3.3	2.1
45°	16.3	15.1	13.6	12.1	10.7	9.2	7.8	6.3	4.8	3.4	2.2
43.75°	16.6	15.4	13.9	12.4	10.9	9.4	8.0	6.5	5.0	3.4	2.2
42.5°	16.8	15.7	14.2	12.7	11.2	9.7	8.2	6.6	5.1	3.5	2.3
41.25°	17.1	16.0	14.5	13.0	11.4	9.9	8.3	6.8	5.2	3.6	2.3
40°	17.4	16.2	14.8	13.2	11.6	10.1	8.5	6.9	5.3	3.7	2.4
38.75°	17.6	16.4	15.1	13.5	11.9	10.3	8.7	7.1	5.4	3.8	2.4
37.5°	17.9	16.7	15.4	13.8	12.1	10.5	8.8	7.2	5.6	3.9	2.5
36.25°	18.1	16.9	15.7	14.0	12.3	10.7	9.0	7.4	5.7	4.0	2.5
35°	18.4	17.1	15.9	14.2	12.5	10.8	9.2	7.5	5.8	4.1	2.5

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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	18.6	17.3	16.1	14.5	12.7	11.0	9.3	7.6	5.9	4.1	2.6
32.5°	18.8	17.5	16.2	14.7	12.9	11.2	9.5	7.7	6.0	4.2	2.6
31.25°	18.9	17.7	16.4	14.9	13.1	11.4	9.6	7.9	6.1	4.3	2.7
30°	19.1	17.9	16.6	15.1	13.3	11.5	9.7	8.0	6.2	4.4	2.7
28.75°	19.2	18.1	16.8	15.3	13.5	11.7	9.9	8.1	6.3	4.4	2.7
27.5°	19.3	18.3	16.9	15.5	13.7	11.8	10.0	8.2	6.3	4.5	2.7
26.25°	19.5	18.5	17.1	15.7	13.9	12.0	10.1	8.3	6.4	4.5	2.8
25°	19.6	18.6	17.2	15.8	14.0	12.1	10.2	8.4	6.5	4.6	2.8
23.75°	19.7	18.8	17.4	16.0	14.2	12.2	10.4	8.5	6.6	4.7	2.8
22.5°	19.8	18.9	17.5	16.1	14.3	12.4	10.5	8.6	6.7	4.7	2.9
21.25°	19.9	19.0	17.6	16.2	14.4	12.5	10.6	8.7	6.7	4.8	2.9
20°	20.0	19.0	17.8	16.3	14.6	12.6	10.7	8.7	6.8	4.8	2.9
18.75°	20.1	19.1	17.9	16.4	14.7	12.7	10.7	8.8	6.9	4.9	2.9
17.5°	20.2	19.2	18.0	16.5	14.8	12.8	10.8	8.9	6.9	4.9	3.0
16.25°	20.3	19.3	18.1	16.6	14.9	12.9	10.9	8.9	7.0	4.9	3.0
15°	20.4	19.3	18.2	16.7	15.0	13.0	11.0	9.0	7.0	5.0	3.0
13.75°	20.4	19.4	18.2	16.7	15.1	13.1	11.0	9.1	7.1	5.0	3.0
12.5°	20.5	19.5	18.3	16.8	15.2	13.1	11.1	9.1	7.1	5.1	3.0
11.25°	20.6	19.5	18.4	16.9	15.3	13.2	11.2	9.2	7.1	5.1	3.0
10°	20.6	19.6	18.5	16.9	15.3	13.3	11.2	9.2	7.2	5.1	3.1
8.75°	20.6	19.6	18.5	17.0	15.4	13.3	11.3	9.2	7.2	5.1	3.1
7.5°	20.7	19.6	18.6	17.0	15.5	13.4	11.3	9.3	7.2	5.1	3.1
6.25°	20.7	19.7	18.6	17.1	15.5	13.4	11.3	9.3	7.2	5.2	3.1
5°	20.8	19.7	18.6	17.1	15.5	13.4	11.4	9.3	7.3	5.2	3.1
3.75°	20.8	19.7	18.7	17.1	15.6	13.5	11.4	9.3	7.3	5.2	3.1
2.5°	20.8	19.7	18.7	17.1	15.6	13.5	11.4	9.3	7.3	5.2	3.1
1.25°	20.8	19.7	18.7	17.1	15.6	13.5	11.4	9.3	7.3	5.2	3.1
0°	20.8	19.8	18.7	17.2	15.6	13.5	11.4	9.4	7.3	5.2	3.1
-1.25°	20.8	19.7	18.7	17.1	15.6	13.5	11.4	9.3	7.3	5.2	3.1
-2.5°	20.8	19.7	18.7	17.1	15.6	13.5	11.4	9.3	7.3	5.2	3.1
-3.75°	20.8	19.7	18.7	17.1	15.6	13.5	11.4	9.3	7.3	5.2	3.1
-5°	20.8	19.7	18.6	17.1	15.5	13.4	11.4	9.3	7.3	5.2	3.1
-6.25°	20.7	19.7	18.6	17.1	15.5	13.4	11.3	9.3	7.2	5.2	3.1
-7.5°	20.7	19.6	18.6	17.0	15.5	13.4	11.3	9.3	7.2	5.1	3.1
-8.75°	20.6	19.6	18.5	17.0	15.4	13.3	11.3	9.2	7.2	5.1	3.1
-10°	20.6	19.6	18.5	16.9	15.3	13.3	11.2	9.2	7.2	5.1	3.1
-11.25°	20.6	19.5	18.4	16.9	15.3	13.2	11.2	9.2	7.1	5.1	3.0
-12.5°	20.5	19.5	18.3	16.8	15.2	13.1	11.1	9.1	7.1	5.1	3.0
-13.75°	20.4	19.4	18.2	16.7	15.1	13.1	11.0	9.1	7.1	5.0	3.0
-15°	20.4	19.3	18.2	16.7	15.0	13.0	11.0	9.0	7.0	5.0	3.0
-16.25°	20.3	19.3	18.1	16.6	14.9	12.9	10.9	8.9	7.0	4.9	3.0
-17.5°	20.2	19.2	18.0	16.5	14.8	12.8	10.8	8.9	6.9	4.9	3.0
-18.75°	20.1	19.1	17.9	16.4	14.7	12.7	10.7	8.8	6.9	4.9	2.9
-20°	20.0	19.0	17.8	16.3	14.6	12.6	10.7	8.7	6.8	4.8	2.9
-21.25°	19.9	19.0	17.6	16.2	14.4	12.5	10.6	8.7	6.7	4.8	2.9





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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°	19.8	18.9	17.5	16.1	14.3	12.4	10.5	8.6	6.7	4.7	2.9
-23.75°	19.7	18.8	17.4	16.0	14.2	12.2	10.4	8.5	6.6	4.7	2.8
-25°	19.6	18.6	17.2	15.8	14.0	12.1	10.2	8.4	6.5	4.6	2.8
-26.25°	19.5	18.5	17.1	15.7	13.9	12.0	10.1	8.3	6.4	4.5	2.8
-27.5°	19.3	18.3	16.9	15.5	13.7	11.8	10.0	8.2	6.3	4.5	2.7
-28.75°	19.2	18.1	16.8	15.3	13.5	11.7	9.9	8.1	6.3	4.4	2.7
-30°	19.1	17.9	16.6	15.1	13.3	11.5	9.7	8.0	6.2	4.4	2.7
-31.25°	18.9	17.7	16.4	14.9	13.1	11.4	9.6	7.9	6.1	4.3	2.7
-32.5°	18.8	17.5	16.2	14.7	12.9	11.2	9.5	7.7	6.0	4.2	2.6
-33.75°	18.6	17.3	16.1	14.5	12.7	11.0	9.3	7.6	5.9	4.1	2.6
-35°	18.4	17.1	15.9	14.2	12.5	10.8	9.2	7.5	5.8	4.1	2.5
-36.25°	18.1	16.9	15.7	14.0	12.3	10.7	9.0	7.4	5.7	4.0	2.5
-37.5°	17.9	16.7	15.4	13.8	12.1	10.5	8.8	7.2	5.6	3.9	2.5
-38.75°	17.6	16.4	15.1	13.5	11.9	10.3	8.7	7.1	5.4	3.8	2.4
-40°	17.4	16.2	14.8	13.2	11.6	10.1	8.5	6.9	5.3	3.7	2.4
-41.25°	17.1	16.0	14.5	13.0	11.4	9.9	8.3	6.8	5.2	3.6	2.3
-42.5°	16.8	15.7	14.2	12.7	11.2	9.7	8.2	6.6	5.1	3.5	2.3
-43.75°	16.6	15.4	13.9	12.4	10.9	9.4	8.0	6.5	5.0	3.4	2.2
-45°	16.3	15.1	13.6	12.1	10.7	9.2	7.8	6.3	4.8	3.4	2.2
-46.25°	16.0	14.7	13.3	11.8	10.4	9.0	7.6	6.2	4.7	3.3	2.1
-47.5°	15.7	14.3	12.9	11.5	10.1	8.8	7.4	6.0	4.6	3.2	2.1
-48.75°	15.3	13.9	12.6	11.2	9.9	8.5	7.2	5.8	4.4	3.1	2.0
-50°	14.9	13.6	12.2	10.9	9.6	8.3	7.0	5.6	4.3	3.0	2.0
-51.25°	14.5	13.2	11.9	10.6	9.3	8.1	6.8	5.5	4.2	2.9	1.9
-52.5°	14.0	12.8	11.5	10.3	9.1	7.8	6.6	5.3	4.0	2.8	1.9
-53.75°	13.6	12.4	11.2	10.0	8.8	7.6	6.3	5.1	3.9	2.7	1.8
-55°	13.1	12.0	10.8	9.6	8.5	7.3	6.1	4.9	3.7	2.7	1.8
-56.25°	12.7	11.5	10.4	9.3	8.2	7.0	5.9	4.7	3.6	2.6	1.7
-57.5°	12.2	11.1	10.1	9.0	7.9	6.8	5.7	4.5	3.4	2.5	1.7
-58.75°	11.8	10.7	9.7	8.6	7.6	6.5	5.4	4.3	3.3	2.4	1.6
-60°	11.3	10.3	9.3	8.3	7.3	6.2	5.2	4.1	3.1	2.3	1.5
-61.25°	10.8	9.9	8.9	7.9	6.9	5.9	4.9	3.9	3.0	2.2	1.5
-62.5°	10.4	9.4	8.5	7.6	6.6	5.7	4.7	3.7	2.9	2.1	1.4
-63.75°	9.9	9.0	8.1	7.2	6.3	5.4	4.5	3.5	2.7	2.1	1.4
-65°	9.4	8.6	7.7	6.8	6.0	5.1	4.2	3.3	2.6	2.0	1.3
-66.25°	8.9	8.1	7.3	6.5	5.6	4.8	4.0	3.1	2.5	1.9	1.2
-67.5°	8.4	7.7	6.9	6.1	5.3	4.5	3.7	3.0	2.4	1.8	1.2
-68.75°	7.9	7.2	6.5	5.7	5.0	4.2	3.5	2.8	2.2	1.7	1.1
-70°	7.4	6.7	6.0	5.3	4.6	3.9	3.2	2.6	2.1	1.6	1.1
-71.25°	6.9	6.3	5.6	4.9	4.3	3.6	3.0	2.5	2.0	1.5	1.0
-72.5°	6.4	5.8	5.2	4.6	3.9	3.3	2.8	2.3	1.9	1.4	0.9
-73.75°	5.9	5.3	4.7	4.2	3.6	3.0	2.6	2.2	1.7	1.3	0.9
-75°	5.4	4.8	4.3	3.8	3.2	2.8	2.4	2.0	1.6	1.2	0.8
-76.25°	4.8	4.3	3.9	3.4	2.9	2.6	2.2	1.8	1.5	1.1	0.7
-77.5°	4.3	3.9	3.4	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	3.8	3.4	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
-80°	3.2	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.5
-81.25°	2.8	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
-82.5°	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-83.75°	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.3
-85°	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
-86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-87.5°	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.0	0.0
87.5°	0.1	0.0
86.25°	0.1	0.0
85°	0.1	0.0
83.75°	0.2	0.0
82.5°	0.2	0.0
81.25°	0.2	0.0
80°	0.3	0.0
78.75°	0.3	0.0
77.5°	0.3	0.0
76.25°	0.4	0.0
75°	0.4	0.0
73.75°	0.4	0.0
72.5°	0.5	0.0
71.25°	0.5	0.0
70°	0.5	0.0
68.75°	0.6	0.0
67.5°	0.6	0.0
66.25°	0.6	0.0
65°	0.7	0.0
63.75°	0.7	0.0
62.5°	0.7	0.0
61.25°	0.7	0.0
60°	0.8	0.0
58.75°	0.8	0.0
57.5°	0.8	0.0
56.25°	0.9	0.0
55°	0.9	0.0
53.75°	0.9	0.0
52.5°	0.9	0.0
51.25°	1.0	0.0
50°	1.0	0.0
48.75°	1.0	0.0
47.5°	1.0	0.0
46.25°	1.1	0.0
45°	1.1	0.0
43.75°	1.1	0.0
42.5°	1.1	0.0
41.25°	1.2	0.0
40°	1.2	0.0
38.75°	1.2	0.0
37.5°	1.2	0.0
36.25°	1.2	0.0
35°	1.3	0.0



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

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	1.3	0.0
32.5°	1.3	0.0
31.25°	1.3	0.0
30°	1.3	0.0
28.75°	1.4	0.0
27.5°	1.4	0.0
26.25°	1.4	0.0
25°	1.4	0.0
23.75°	1.4	0.0
22.5°	1.4	0.0
21.25°	1.4	0.0
20°	1.5	0.0
18.75°	1.5	0.0
17.5°	1.5	0.0
16.25°	1.5	0.0
15°	1.5	0.0
13.75°	1.5	0.0
12.5°	1.5	0.0
11.25°	1.5	0.0
10°	1.5	0.0
8.75°	1.5	0.0
7.5°	1.5	0.0
6.25°	1.5	0.0
5°	1.5	0.0
3.75°	1.5	0.0
2.5°	1.5	0.0
1.25°	1.5	0.0
0°	1.5	0.0
-1.25°	1.5	0.0
-2.5°	1.5	0.0
-3.75°	1.5	0.0
-5°	1.5	0.0
-6.25°	1.5	0.0
-7.5°	1.5	0.0
-8.75°	1.5	0.0
-10°	1.5	0.0
-11.25°	1.5	0.0
-12.5°	1.5	0.0
-13.75°	1.5	0.0
-15°	1.5	0.0
-16.25°	1.5	0.0
-17.5°	1.5	0.0
-18.75°	1.5	0.0
-20°	1.5	0.0
-21.25°	1.4	0.0



REPORT NUMBER: P220479 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	1.4	0.0
-23.75°	1.4	0.0
-25°	1.4	0.0
-26.25°	1.4	0.0
-27.5°	1.4	0.0
-28.75°	1.4	0.0
-30°	1.3	0.0
-31.25°	1.3	0.0
-32.5°	1.3	0.0
-33.75°	1.3	0.0
-35°	1.3	0.0
-36.25°	1.2	0.0
-37.5°	1.2	0.0
-38.75°	1.2	0.0
-40°	1.2	0.0
-41.25°	1.2	0.0
-42.5°	1.1	0.0
-43.75°	1.1	0.0
-45°	1.1	0.0
-46.25°	1.1	0.0
-47.5°	1.0	0.0
-48.75°	1.0	0.0
-50°	1.0	0.0
-51.25°	1.0	0.0
-52.5°	0.9	0.0
-53.75°	0.9	0.0
-55°	0.9	0.0
-56.25°	0.9	0.0
-57.5°	0.8	0.0
-58.75°	0.8	0.0
-60°	0.8	0.0
-61.25°	0.7	0.0
-62.5°	0.7	0.0
-63.75°	0.7	0.0
-65°	0.7	0.0
-66.25°	0.6	0.0
-67.5°	0.6	0.0
-68.75°	0.6	0.0
-70°	0.5	0.0
-71.25°	0.5	0.0
-72.5°	0.5	0.0
-73.75°	0.4	0.0
-75°	0.4	0.0
-76.25°	0.4	0.0
-77.5°	0.3	0.0



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

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)