

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: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

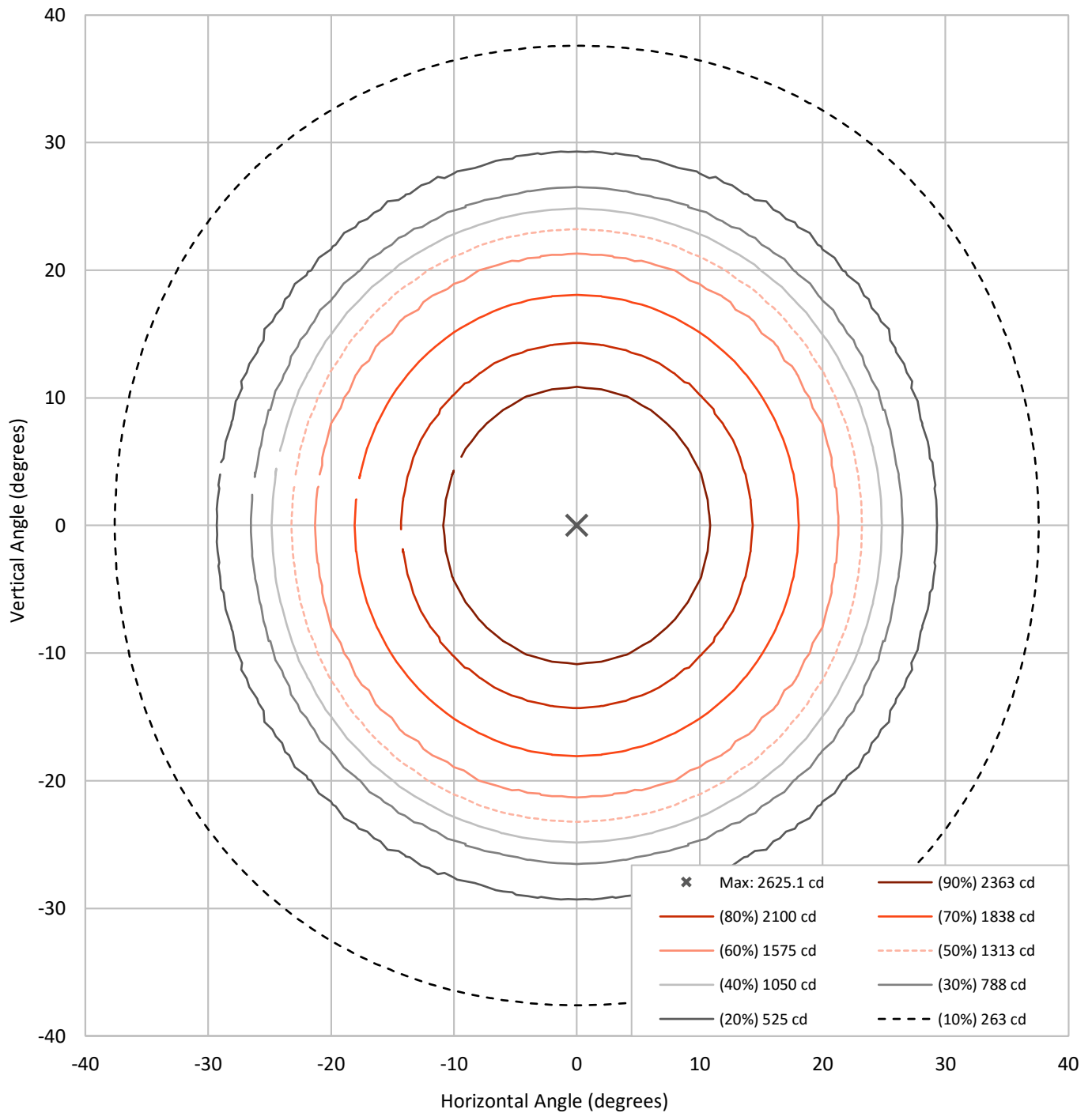
Test Method: LM-79-08  
Report Number: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29471)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1766.9 lumens	Max Intensity:	2625.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46.5°H x 46.5°V	Field Angle (10%):	75.2°H x 75.2°V
Beam Lumens:	1015 lumens	Field Lumens:	1446.1 lumens
Beam Efficiency:	57.4%	Field Efficiency:	81.8%
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





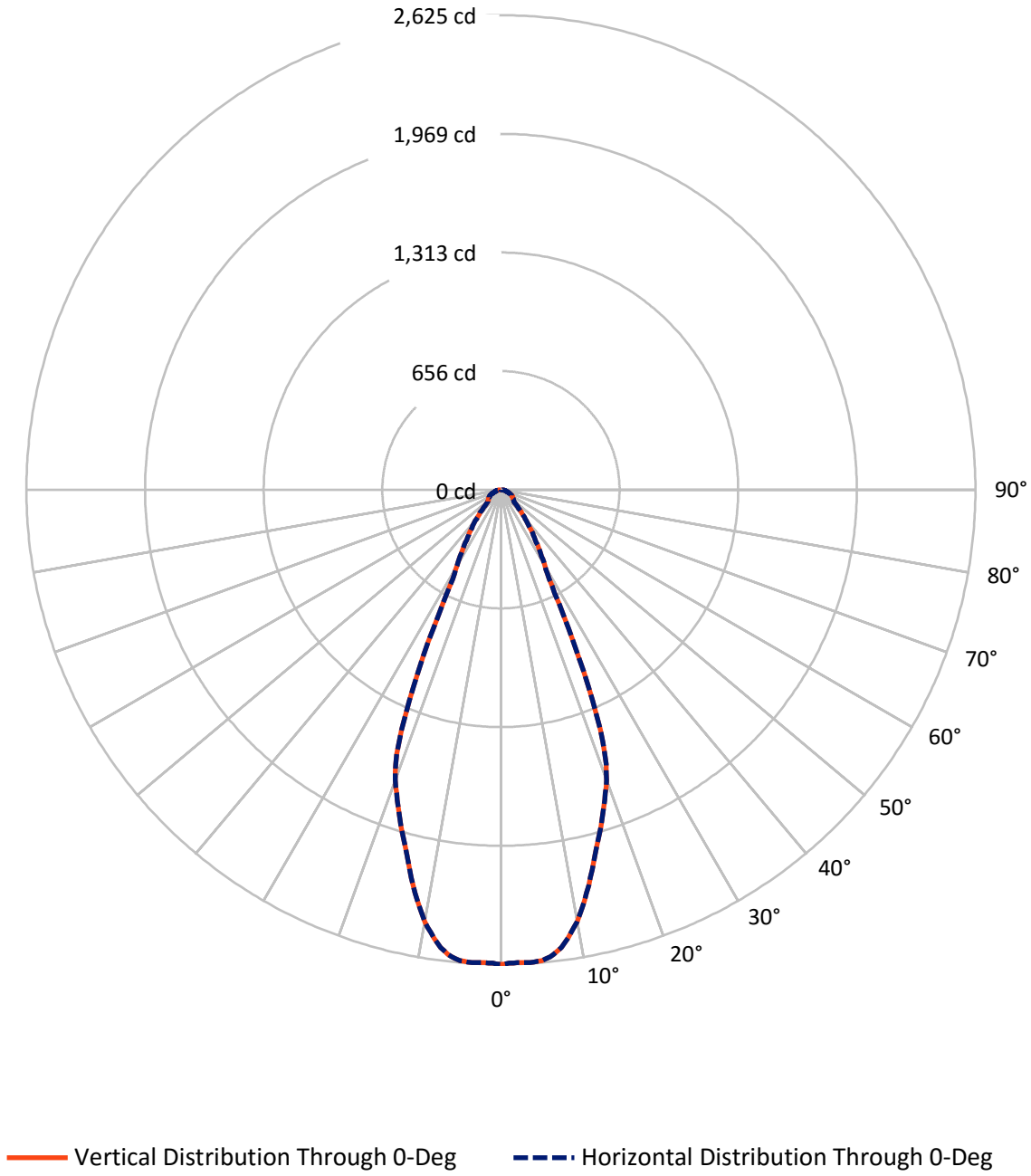
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### Lumen Table

90	0.1	0.7	1.6	2.3	2.6	2.3	1.6	0.7	0.1										
80	0.1	0.7	1.6	2.3	2.6	2.3	1.6	0.7	0.1										
70	0.3	0.3	0.5	0.8	1.1	1.4	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.5	0.3	0.3			
60		0.4	0.7	1.2	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.2	0.7	0.4				
50	0.5	0.5	1.0	1.6	2.1	2.6	3.4	4.0	4.0	3.4	2.6	2.1	1.6	1.0	0.5	0.5			
40		0.6	1.2	1.8	2.6	4.8	7.7	9.7	9.7	7.7	4.8	2.6	1.8	1.2	0.6				
30	0.6	0.7	1.3	2.0	4.4	9.3	18.0	29.4	29.4	18.0	9.3	4.4	2.0	1.3	0.7	0.6			
20		0.7	1.4	2.5	6.6	16.9	44.5	60.0	60.0	44.5	16.9	6.6	2.5	1.4	0.7				
10	0.6	0.8	1.4	2.9	8.1	27.0	58.3	75.9	75.9	58.3	27.0	8.1	2.9	1.4	0.8	0.6			
0		0.8	1.4	2.9	8.1	27.0	58.3	75.9	75.9	58.3	27.0	8.1	2.9	1.4	0.8				
-10	0.6	0.7	1.4	2.5	6.6	16.9	44.5	60.0	60.0	44.5	16.9	6.6	2.5	1.4	0.7	0.6			
-20		0.7	1.3	2.0	4.4	9.3	18.0	29.4	29.4	18.0	9.3	4.4	2.0	1.3	0.7				
-30	0.5	0.6	1.2	1.8	2.6	4.8	7.7	9.7	9.7	7.7	4.8	2.6	1.8	1.2	0.6	0.5			
-40		0.5	1.0	1.6	2.1	2.6	3.4	4.0	4.0	3.4	2.6	2.1	1.6	1.0	0.5				
-50	0.3	0.4	0.7	1.2	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.2	0.7	0.4	0.3			
-60		0.3	0.5	0.8	1.1	1.4	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.5	0.3				
-70	0.1	0.7	1.6	2.3	2.6	2.3	1.6	0.7	0.1							0.1			
-80		0.1	0.7	1.6	2.3	2.6	2.3	1.6	0.7	0.1									
-90	0.1	0.7	1.6	2.3	2.6	2.3	1.6	0.7	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

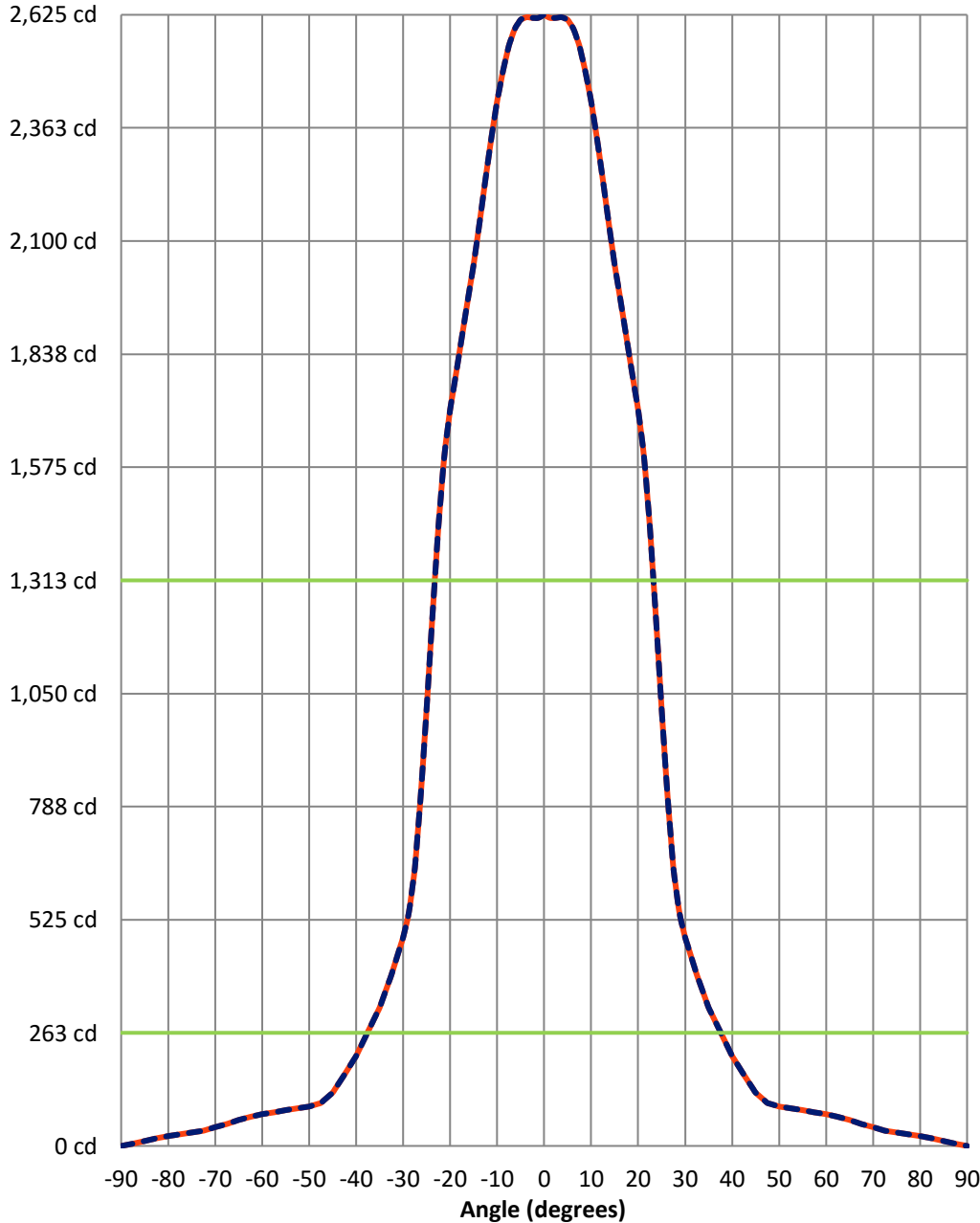
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.5°  
 V Angle: 46.5°  
 Lumens: 1015  
 Efficiency: 57.4%

**Field:**  
 H Angle: 75.2°  
 V Angle: 75.2°  
 Lumens: 1446.1  
 Efficiency: 81.8%

**Spill:**  
 Lumens: 320.8  
 Efficiency: 18.2%

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

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
86.25°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.5	1.7
85°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.2
83.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.0	3.4
81.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
80°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.0	4.5
78.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
77.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.0	5.7
76.25°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.6	6.3
75°	0.0	0.7	1.3	2.0	2.7	3.4	4.0	4.7	5.4	6.2	7.0
73.75°	0.0	0.7	1.5	2.2	2.9	3.6	4.4	5.1	5.9	6.8	7.6
72.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.5	6.4	7.3	8.3
71.25°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	6.0	6.9	7.9	8.9
70°	0.0	0.9	1.8	2.7	3.6	4.4	5.3	6.4	7.4	8.5	9.5
68.75°	0.0	0.9	1.9	2.8	3.8	4.7	5.7	6.8	7.9	9.1	10.2
67.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.1	7.3	8.4	9.6	10.8
66.25°	0.0	1.0	2.1	3.1	4.2	5.2	6.5	7.7	8.9	10.2	11.4
65°	0.0	1.1	2.2	3.3	4.4	5.5	6.8	8.1	9.4	10.7	12.0
63.75°	0.0	1.1	2.3	3.4	4.6	5.8	7.2	8.6	9.9	11.3	12.6
62.5°	0.0	1.2	2.4	3.6	4.8	6.1	7.6	9.0	10.4	11.8	13.3
61.25°	0.0	1.3	2.5	3.7	5.0	6.4	7.9	9.4	10.9	12.4	13.9
60°	0.0	1.3	2.6	3.9	5.2	6.7	8.3	9.8	11.4	12.9	14.5
58.75°	0.0	1.3	2.7	4.0	5.4	7.0	8.6	10.2	11.8	13.4	15.0
57.5°	0.0	1.4	2.8	4.2	5.7	7.3	9.0	10.6	12.3	14.0	15.6
56.25°	0.0	1.4	2.9	4.3	5.9	7.6	9.3	11.0	12.8	14.5	16.2
55°	0.0	1.5	3.0	4.5	6.1	7.9	9.6	11.4	13.2	15.0	16.8
53.75°	0.0	1.5	3.1	4.6	6.3	8.2	10.0	11.8	13.7	15.5	17.3
52.5°	0.0	1.6	3.2	4.7	6.5	8.4	10.3	12.2	14.1	16.0	17.8
51.25°	0.0	1.6	3.3	4.9	6.8	8.7	10.6	12.6	14.5	16.5	18.3
50°	0.0	1.7	3.3	5.0	7.0	9.0	10.9	12.9	14.9	17.0	18.7
48.75°	0.0	1.7	3.4	5.1	7.2	9.2	11.2	13.3	15.4	17.4	19.2
47.5°	0.0	1.8	3.5	5.3	7.4	9.5	11.5	13.7	15.8	17.9	19.6
46.25°	0.0	1.8	3.6	5.4	7.6	9.7	11.9	14.0	16.2	18.2	20.0
45°	0.0	1.8	3.7	5.6	7.8	9.9	12.1	14.4	16.6	18.6	20.4
43.75°	0.0	1.9	3.8	5.7	8.0	10.2	12.4	14.7	17.0	19.0	20.8
42.5°	0.0	1.9	3.8	5.9	8.1	10.4	12.7	15.0	17.3	19.3	21.2
41.25°	0.0	2.0	3.9	6.0	8.3	10.6	13.0	15.3	17.7	19.6	21.6
40°	0.0	2.0	4.0	6.1	8.5	10.9	13.3	15.7	18.0	20.0	22.0
38.75°	0.0	2.0	4.1	6.3	8.7	11.1	13.5	16.0	18.3	20.3	22.3
37.5°	0.0	2.1	4.1	6.4	8.8	11.3	13.8	16.3	18.6	20.6	22.7
36.25°	0.0	2.1	4.2	6.5	9.0	11.5	14.0	16.6	18.8	20.9	23.0
35°	0.0	2.1	4.3	6.6	9.2	11.7	14.3	16.8	19.1	21.2	23.2



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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	2.2	4.3	6.7	9.3	11.9	14.5	17.1	19.4	21.5	23.5
32.5°	0.0	2.2	4.4	6.8	9.5	12.1	14.7	17.4	19.6	21.8	23.7
31.25°	0.0	2.2	4.4	6.9	9.6	12.3	14.9	17.6	19.9	22.1	24.0
30°	0.0	2.3	4.5	7.1	9.7	12.4	15.2	17.8	20.1	22.3	24.2
28.75°	0.0	2.3	4.6	7.2	9.9	12.6	15.4	18.0	20.3	22.6	24.4
27.5°	0.0	2.3	4.6	7.2	10.0	12.8	15.6	18.2	20.5	22.8	24.7
26.25°	0.0	2.3	4.7	7.3	10.1	12.9	15.7	18.4	20.7	23.0	24.9
25°	0.0	2.4	4.7	7.4	10.2	13.1	15.9	18.6	20.9	23.2	25.1
23.75°	0.0	2.4	4.8	7.5	10.3	13.2	16.1	18.7	21.1	23.4	25.2
22.5°	0.0	2.4	4.8	7.6	10.5	13.3	16.3	18.9	21.3	23.5	25.4
21.25°	0.0	2.4	4.8	7.7	10.6	13.5	16.4	19.1	21.5	23.7	25.6
20°	0.0	2.4	4.9	7.7	10.7	13.6	16.6	19.2	21.6	23.8	25.7
18.75°	0.0	2.5	4.9	7.8	10.7	13.7	16.7	19.3	21.8	24.0	25.9
17.5°	0.0	2.5	5.0	7.9	10.8	13.8	16.8	19.5	21.9	24.1	26.0
16.25°	0.0	2.5	5.0	7.9	10.9	13.9	16.9	19.6	22.1	24.2	26.2
15°	0.0	2.5	5.0	8.0	11.0	14.0	17.1	19.7	22.2	24.3	26.3
13.75°	0.0	2.5	5.1	8.0	11.0	14.1	17.2	19.8	22.3	24.4	26.4
12.5°	0.0	2.5	5.1	8.1	11.1	14.2	17.2	19.9	22.4	24.5	26.5
11.25°	0.0	2.6	5.1	8.1	11.2	14.2	17.3	19.9	22.5	24.6	26.6
10°	0.0	2.6	5.1	8.2	11.2	14.3	17.4	20.0	22.6	24.7	26.7
8.75°	0.0	2.6	5.1	8.2	11.3	14.4	17.5	20.1	22.7	24.7	26.8
7.5°	0.0	2.6	5.2	8.2	11.3	14.4	17.5	20.1	22.7	24.8	26.8
6.25°	0.0	2.6	5.2	8.2	11.3	14.5	17.6	20.2	22.8	24.8	26.9
5°	0.0	2.6	5.2	8.3	11.4	14.5	17.6	20.2	22.8	24.9	26.9
3.75°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
2.5°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
1.25°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
0°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
-1.25°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
-2.5°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
-3.75°	0.0	2.6	5.2	8.3	11.4	14.5	17.7	20.3	22.9	24.9	27.0
-5°	0.0	2.6	5.2	8.3	11.4	14.5	17.6	20.2	22.8	24.9	26.9
-6.25°	0.0	2.6	5.2	8.2	11.3	14.5	17.6	20.2	22.8	24.8	26.9
-7.5°	0.0	2.6	5.2	8.2	11.3	14.4	17.5	20.1	22.7	24.8	26.8
-8.75°	0.0	2.6	5.1	8.2	11.3	14.4	17.5	20.1	22.7	24.7	26.8
-10°	0.0	2.6	5.1	8.2	11.2	14.3	17.4	20.0	22.6	24.7	26.7
-11.25°	0.0	2.6	5.1	8.1	11.2	14.2	17.3	19.9	22.5	24.6	26.6
-12.5°	0.0	2.5	5.1	8.1	11.1	14.2	17.2	19.9	22.4	24.5	26.5
-13.75°	0.0	2.5	5.1	8.0	11.0	14.1	17.2	19.8	22.3	24.4	26.4
-15°	0.0	2.5	5.0	8.0	11.0	14.0	17.1	19.7	22.2	24.3	26.3
-16.25°	0.0	2.5	5.0	7.9	10.9	13.9	16.9	19.6	22.1	24.2	26.2
-17.5°	0.0	2.5	5.0	7.9	10.8	13.8	16.8	19.5	21.9	24.1	26.0
-18.75°	0.0	2.5	4.9	7.8	10.7	13.7	16.7	19.3	21.8	24.0	25.9
-20°	0.0	2.4	4.9	7.7	10.7	13.6	16.6	19.2	21.6	23.8	25.7
-21.25°	0.0	2.4	4.8	7.7	10.6	13.5	16.4	19.1	21.5	23.7	25.6





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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	2.4	4.8	7.6	10.5	13.3	16.3	18.9	21.3	23.5	25.4
-23.75°	0.0	2.4	4.8	7.5	10.3	13.2	16.1	18.7	21.1	23.4	25.2
-25°	0.0	2.4	4.7	7.4	10.2	13.1	15.9	18.6	20.9	23.2	25.1
-26.25°	0.0	2.3	4.7	7.3	10.1	12.9	15.7	18.4	20.7	23.0	24.9
-27.5°	0.0	2.3	4.6	7.2	10.0	12.8	15.6	18.2	20.5	22.8	24.7
-28.75°	0.0	2.3	4.6	7.2	9.9	12.6	15.4	18.0	20.3	22.6	24.4
-30°	0.0	2.3	4.5	7.1	9.7	12.4	15.2	17.8	20.1	22.3	24.2
-31.25°	0.0	2.2	4.4	6.9	9.6	12.3	14.9	17.6	19.9	22.1	24.0
-32.5°	0.0	2.2	4.4	6.8	9.5	12.1	14.7	17.4	19.6	21.8	23.7
-33.75°	0.0	2.2	4.3	6.7	9.3	11.9	14.5	17.1	19.4	21.5	23.5
-35°	0.0	2.1	4.3	6.6	9.2	11.7	14.3	16.8	19.1	21.2	23.2
-36.25°	0.0	2.1	4.2	6.5	9.0	11.5	14.0	16.6	18.8	20.9	23.0
-37.5°	0.0	2.1	4.1	6.4	8.8	11.3	13.8	16.3	18.6	20.6	22.7
-38.75°	0.0	2.0	4.1	6.3	8.7	11.1	13.5	16.0	18.3	20.3	22.3
-40°	0.0	2.0	4.0	6.1	8.5	10.9	13.3	15.7	18.0	20.0	22.0
-41.25°	0.0	2.0	3.9	6.0	8.3	10.6	13.0	15.3	17.7	19.6	21.6
-42.5°	0.0	1.9	3.8	5.9	8.1	10.4	12.7	15.0	17.3	19.3	21.2
-43.75°	0.0	1.9	3.8	5.7	8.0	10.2	12.4	14.7	17.0	19.0	20.8
-45°	0.0	1.8	3.7	5.6	7.8	9.9	12.1	14.4	16.6	18.6	20.4
-46.25°	0.0	1.8	3.6	5.4	7.6	9.7	11.9	14.0	16.2	18.2	20.0
-47.5°	0.0	1.8	3.5	5.3	7.4	9.5	11.5	13.7	15.8	17.9	19.6
-48.75°	0.0	1.7	3.4	5.1	7.2	9.2	11.2	13.3	15.4	17.4	19.2
-50°	0.0	1.7	3.3	5.0	7.0	9.0	10.9	12.9	14.9	17.0	18.7
-51.25°	0.0	1.6	3.3	4.9	6.8	8.7	10.6	12.6	14.5	16.5	18.3
-52.5°	0.0	1.6	3.2	4.7	6.5	8.4	10.3	12.2	14.1	16.0	17.8
-53.75°	0.0	1.5	3.1	4.6	6.3	8.2	10.0	11.8	13.7	15.5	17.3
-55°	0.0	1.5	3.0	4.5	6.1	7.9	9.6	11.4	13.2	15.0	16.8
-56.25°	0.0	1.4	2.9	4.3	5.9	7.6	9.3	11.0	12.8	14.5	16.2
-57.5°	0.0	1.4	2.8	4.2	5.7	7.3	9.0	10.6	12.3	14.0	15.6
-58.75°	0.0	1.3	2.7	4.0	5.4	7.0	8.6	10.2	11.8	13.4	15.0
-60°	0.0	1.3	2.6	3.9	5.2	6.7	8.3	9.8	11.4	12.9	14.5
-61.25°	0.0	1.3	2.5	3.7	5.0	6.4	7.9	9.4	10.9	12.4	13.9
-62.5°	0.0	1.2	2.4	3.6	4.8	6.1	7.6	9.0	10.4	11.8	13.3
-63.75°	0.0	1.1	2.3	3.4	4.6	5.8	7.2	8.6	9.9	11.3	12.6
-65°	0.0	1.1	2.2	3.3	4.4	5.5	6.8	8.1	9.4	10.7	12.0
-66.25°	0.0	1.0	2.1	3.1	4.2	5.2	6.5	7.7	8.9	10.2	11.4
-67.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.1	7.3	8.4	9.6	10.8
-68.75°	0.0	0.9	1.9	2.8	3.8	4.7	5.7	6.8	7.9	9.1	10.2
-70°	0.0	0.9	1.8	2.7	3.6	4.4	5.3	6.4	7.4	8.5	9.5
-71.25°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	6.0	6.9	7.9	8.9
-72.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.5	6.4	7.3	8.3
-73.75°	0.0	0.7	1.5	2.2	2.9	3.6	4.4	5.1	5.9	6.8	7.6
-75°	0.0	0.7	1.3	2.0	2.7	3.4	4.0	4.7	5.4	6.2	7.0
-76.25°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.6	6.3
-77.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.0	5.7



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
-80°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.6	4.0	4.5
-81.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.4	2.7	3.0	3.4
-83.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-85°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.2
-86.25°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-88.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
87.5°	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
86.25°	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1	3.3	3.4
85°	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6
83.75°	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.2	5.5	5.8
82.5°	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.1	6.5	6.8	7.2
81.25°	4.3	4.7	5.1	5.5	6.0	6.4	6.8	7.3	7.7	8.1	8.6
80°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9
78.75°	5.6	6.2	6.8	7.3	7.9	8.5	9.1	9.6	10.2	10.7	11.3
77.5°	6.3	7.0	7.6	8.3	8.9	9.5	10.2	10.8	11.4	12.0	12.6
76.25°	7.0	7.7	8.5	9.2	9.9	10.6	11.3	12.0	12.6	13.3	14.0
75°	7.7	8.5	9.3	10.1	10.8	11.6	12.4	13.1	13.9	14.6	15.4
73.75°	8.5	9.3	10.1	11.0	11.8	12.6	13.5	14.3	15.1	15.9	16.7
72.5°	9.2	10.1	11.0	11.9	12.8	13.7	14.6	15.5	16.3	17.2	18.0
71.25°	9.9	10.8	11.8	12.8	13.7	14.7	15.7	16.6	17.5	18.3	19.1
70°	10.6	11.6	12.6	13.7	14.7	15.7	16.7	17.7	18.6	19.4	20.2
68.75°	11.3	12.4	13.5	14.6	15.7	16.7	17.8	18.7	19.6	20.4	21.3
67.5°	12.0	13.1	14.3	15.5	16.6	17.7	18.7	19.6	20.5	21.5	22.4
66.25°	12.6	13.9	15.1	16.3	17.5	18.6	19.6	20.5	21.5	22.5	23.3
65°	13.3	14.6	15.9	17.2	18.3	19.4	20.4	21.5	22.5	23.4	24.2
63.75°	14.0	15.4	16.7	18.0	19.1	20.2	21.3	22.4	23.3	24.2	25.0
62.5°	14.7	16.1	17.5	18.7	19.9	21.0	22.1	23.2	24.1	25.0	25.8
61.25°	15.3	16.8	18.2	19.4	20.6	21.8	23.0	23.9	24.8	25.7	26.6
60°	16.0	17.5	18.8	20.1	21.3	22.6	23.6	24.6	25.6	26.5	27.5
58.75°	16.6	18.1	19.5	20.8	22.1	23.3	24.3	25.3	26.3	27.3	28.3
57.5°	17.3	18.7	20.1	21.4	22.8	23.9	24.9	26.0	27.0	28.0	29.1
56.25°	17.9	19.3	20.7	22.1	23.4	24.5	25.6	26.6	27.7	28.8	29.9
55°	18.4	19.9	21.3	22.8	23.9	25.1	26.2	27.3	28.4	29.6	30.7
53.75°	18.9	20.4	21.9	23.3	24.5	25.6	26.8	28.0	29.1	30.3	31.5
52.5°	19.4	21.0	22.5	23.8	25.0	26.2	27.4	28.6	29.8	31.0	32.2
51.25°	19.9	21.5	23.0	24.3	25.5	26.8	28.0	29.3	30.5	31.8	33.0
50°	20.4	22.0	23.5	24.8	26.1	27.3	28.6	29.9	31.2	32.5	33.7
48.75°	20.9	22.5	23.9	25.3	26.6	27.9	29.2	30.6	31.9	33.1	34.4
47.5°	21.3	23.0	24.4	25.7	27.1	28.4	29.8	31.2	32.5	33.8	35.1
46.25°	21.8	23.4	24.8	26.2	27.6	29.0	30.4	31.8	33.1	34.5	36.3
45°	22.2	23.8	25.2	26.6	28.1	29.5	30.9	32.3	33.7	35.1	37.7
43.75°	22.7	24.2	25.6	27.1	28.6	30.0	31.5	32.9	34.3	36.2	39.1
42.5°	23.1	24.5	26.0	27.5	29.0	30.5	32.0	33.5	34.9	37.5	40.4
41.25°	23.4	24.9	26.4	28.0	29.5	31.0	32.5	34.0	35.7	38.7	41.7
40°	23.7	25.3	26.8	28.4	29.9	31.5	33.0	34.6	36.9	39.9	43.0
38.75°	24.0	25.6	27.2	28.8	30.4	32.0	33.5	35.1	38.0	41.1	44.1
37.5°	24.3	25.9	27.5	29.2	30.8	32.4	34.0	35.9	39.1	42.2	45.2
36.25°	24.6	26.3	27.9	29.6	31.2	32.9	34.5	36.9	40.1	43.4	46.2
35°	24.9	26.6	28.3	30.0	31.6	33.3	34.9	37.9	41.2	44.3	47.2



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	25.2	26.9	28.6	30.3	32.0	33.7	35.4	38.8	42.2	45.3	48.2
32.5°	25.5	27.2	28.9	30.7	32.4	34.1	36.3	39.7	43.1	46.2	49.2
31.25°	25.7	27.5	29.3	31.0	32.8	34.5	37.1	40.6	44.0	47.0	50.1
30°	26.0	27.8	29.6	31.4	33.1	34.9	37.9	41.5	44.8	47.9	51.0
28.75°	26.2	28.0	29.9	31.7	33.4	35.2	38.7	42.3	45.6	48.7	52.1
27.5°	26.5	28.3	30.1	32.0	33.8	35.8	39.5	43.1	46.3	49.5	53.2
26.25°	26.7	28.5	30.4	32.3	34.1	36.5	40.2	43.8	47.0	50.2	54.2
25°	26.9	28.8	30.7	32.5	34.4	37.2	40.9	44.5	47.7	51.0	55.2
23.75°	27.1	29.0	30.9	32.8	34.7	37.8	41.5	45.1	48.4	51.9	56.1
22.5°	27.3	29.2	31.2	33.1	34.9	38.4	42.2	45.7	49.0	52.7	57.0
21.25°	27.5	29.5	31.4	33.3	35.2	38.9	42.7	46.2	49.6	53.5	57.8
20°	27.7	29.6	31.6	33.5	35.6	39.4	43.3	46.7	50.1	54.3	58.6
18.75°	27.9	29.8	31.8	33.7	36.0	39.9	43.8	47.2	50.7	55.0	59.4
17.5°	28.0	30.0	32.0	33.9	36.5	40.4	44.2	47.7	51.2	55.7	60.1
16.25°	28.2	30.2	32.2	34.1	36.9	40.8	44.7	48.1	51.8	56.3	60.7
15°	28.3	30.3	32.3	34.3	37.3	41.2	45.0	48.5	52.4	56.9	61.1
13.75°	28.4	30.5	32.5	34.5	37.6	41.6	45.4	48.9	52.9	57.4	61.6
12.5°	28.5	30.6	32.6	34.6	37.9	42.0	45.7	49.3	53.4	57.9	62.0
11.25°	28.6	30.7	32.7	34.7	38.2	42.3	46.0	49.6	53.8	58.4	62.3
10°	28.7	30.8	32.8	34.9	38.5	42.5	46.3	49.8	54.2	58.8	62.7
8.75°	28.8	30.9	32.9	35.0	38.7	42.8	46.5	50.1	54.5	59.1	63.0
7.5°	28.9	31.0	33.0	35.0	38.9	43.0	46.7	50.3	54.8	59.4	63.2
6.25°	29.0	31.0	33.1	35.1	39.1	43.2	46.9	50.5	55.0	59.7	63.4
5°	29.0	31.1	33.1	35.2	39.2	43.3	47.0	50.6	55.2	59.9	63.6
3.75°	29.0	31.1	33.2	35.2	39.3	43.5	47.1	50.8	55.4	60.1	63.7
2.5°	29.1	31.2	33.2	35.3	39.4	43.5	47.2	50.8	55.5	60.2	63.8
1.25°	29.1	31.2	33.2	35.3	39.4	43.6	47.2	50.9	55.6	60.3	63.9
0°	29.1	31.2	33.3	35.3	39.5	43.6	47.3	50.9	55.6	60.3	63.9
-1.25°	29.1	31.2	33.2	35.3	39.4	43.6	47.2	50.9	55.6	60.3	63.9
-2.5°	29.1	31.2	33.2	35.3	39.4	43.5	47.2	50.8	55.5	60.2	63.8
-3.75°	29.0	31.1	33.2	35.2	39.3	43.5	47.1	50.8	55.4	60.1	63.7
-5°	29.0	31.1	33.1	35.2	39.2	43.3	47.0	50.6	55.2	59.9	63.6
-6.25°	29.0	31.0	33.1	35.1	39.1	43.2	46.9	50.5	55.0	59.7	63.4
-7.5°	28.9	31.0	33.0	35.0	38.9	43.0	46.7	50.3	54.8	59.4	63.2
-8.75°	28.8	30.9	32.9	35.0	38.7	42.8	46.5	50.1	54.5	59.1	63.0
-10°	28.7	30.8	32.8	34.9	38.5	42.5	46.3	49.8	54.2	58.8	62.7
-11.25°	28.6	30.7	32.7	34.7	38.2	42.3	46.0	49.6	53.8	58.4	62.3
-12.5°	28.5	30.6	32.6	34.6	37.9	42.0	45.7	49.3	53.4	57.9	62.0
-13.75°	28.4	30.5	32.5	34.5	37.6	41.6	45.4	48.9	52.9	57.4	61.6
-15°	28.3	30.3	32.3	34.3	37.3	41.2	45.0	48.5	52.4	56.9	61.1
-16.25°	28.2	30.2	32.2	34.1	36.9	40.8	44.7	48.1	51.8	56.3	60.7
-17.5°	28.0	30.0	32.0	33.9	36.5	40.4	44.2	47.7	51.2	55.7	60.1
-18.75°	27.9	29.8	31.8	33.7	36.0	39.9	43.8	47.2	50.7	55.0	59.4
-20°	27.7	29.6	31.6	33.5	35.6	39.4	43.3	46.7	50.1	54.3	58.6
-21.25°	27.5	29.5	31.4	33.3	35.2	38.9	42.7	46.2	49.6	53.5	57.8



REPORT NUMBER: P220496 (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°
-22.5°	27.3	29.2	31.2	33.1	34.9	38.4	42.2	45.7	49.0	52.7	57.0
-23.75°	27.1	29.0	30.9	32.8	34.7	37.8	41.5	45.1	48.4	51.9	56.1
-25°	26.9	28.8	30.7	32.5	34.4	37.2	40.9	44.5	47.7	51.0	55.2
-26.25°	26.7	28.5	30.4	32.3	34.1	36.5	40.2	43.8	47.0	50.2	54.2
-27.5°	26.5	28.3	30.1	32.0	33.8	35.8	39.5	43.1	46.3	49.5	53.2
-28.75°	26.2	28.0	29.9	31.7	33.4	35.2	38.7	42.3	45.6	48.7	52.1
-30°	26.0	27.8	29.6	31.4	33.1	34.9	37.9	41.5	44.8	47.9	51.0
-31.25°	25.7	27.5	29.3	31.0	32.8	34.5	37.1	40.6	44.0	47.0	50.1
-32.5°	25.5	27.2	28.9	30.7	32.4	34.1	36.3	39.7	43.1	46.2	49.2
-33.75°	25.2	26.9	28.6	30.3	32.0	33.7	35.4	38.8	42.2	45.3	48.2
-35°	24.9	26.6	28.3	30.0	31.6	33.3	34.9	37.9	41.2	44.3	47.2
-36.25°	24.6	26.3	27.9	29.6	31.2	32.9	34.5	36.9	40.1	43.4	46.2
-37.5°	24.3	25.9	27.5	29.2	30.8	32.4	34.0	35.9	39.1	42.2	45.2
-38.75°	24.0	25.6	27.2	28.8	30.4	32.0	33.5	35.1	38.0	41.1	44.1
-40°	23.7	25.3	26.8	28.4	29.9	31.5	33.0	34.6	36.9	39.9	43.0
-41.25°	23.4	24.9	26.4	28.0	29.5	31.0	32.5	34.0	35.7	38.7	41.7
-42.5°	23.1	24.5	26.0	27.5	29.0	30.5	32.0	33.5	34.9	37.5	40.4
-43.75°	22.7	24.2	25.6	27.1	28.6	30.0	31.5	32.9	34.3	36.2	39.1
-45°	22.2	23.8	25.2	26.6	28.1	29.5	30.9	32.3	33.7	35.1	37.7
-46.25°	21.8	23.4	24.8	26.2	27.6	29.0	30.4	31.8	33.1	34.5	36.3
-47.5°	21.3	23.0	24.4	25.7	27.1	28.4	29.8	31.2	32.5	33.8	35.1
-48.75°	20.9	22.5	23.9	25.3	26.6	27.9	29.2	30.6	31.9	33.1	34.4
-50°	20.4	22.0	23.5	24.8	26.1	27.3	28.6	29.9	31.2	32.5	33.7
-51.25°	19.9	21.5	23.0	24.3	25.5	26.8	28.0	29.3	30.5	31.8	33.0
-52.5°	19.4	21.0	22.5	23.8	25.0	26.2	27.4	28.6	29.8	31.0	32.2
-53.75°	18.9	20.4	21.9	23.3	24.5	25.6	26.8	28.0	29.1	30.3	31.5
-55°	18.4	19.9	21.3	22.8	23.9	25.1	26.2	27.3	28.4	29.6	30.7
-56.25°	17.9	19.3	20.7	22.1	23.4	24.5	25.6	26.6	27.7	28.8	29.9
-57.5°	17.3	18.7	20.1	21.4	22.8	23.9	24.9	26.0	27.0	28.0	29.1
-58.75°	16.6	18.1	19.5	20.8	22.1	23.3	24.3	25.3	26.3	27.3	28.3
-60°	16.0	17.5	18.8	20.1	21.3	22.6	23.6	24.6	25.6	26.5	27.5
-61.25°	15.3	16.8	18.2	19.4	20.6	21.8	23.0	23.9	24.8	25.7	26.6
-62.5°	14.7	16.1	17.5	18.7	19.9	21.0	22.1	23.2	24.1	25.0	25.8
-63.75°	14.0	15.4	16.7	18.0	19.1	20.2	21.3	22.4	23.3	24.2	25.0
-65°	13.3	14.6	15.9	17.2	18.3	19.4	20.4	21.5	22.5	23.4	24.2
-66.25°	12.6	13.9	15.1	16.3	17.5	18.6	19.6	20.5	21.5	22.5	23.3
-67.5°	12.0	13.1	14.3	15.5	16.6	17.7	18.7	19.6	20.5	21.5	22.4
-68.75°	11.3	12.4	13.5	14.6	15.7	16.7	17.8	18.7	19.6	20.4	21.3
-70°	10.6	11.6	12.6	13.7	14.7	15.7	16.7	17.7	18.6	19.4	20.2
-71.25°	9.9	10.8	11.8	12.8	13.7	14.7	15.7	16.6	17.5	18.3	19.1
-72.5°	9.2	10.1	11.0	11.9	12.8	13.7	14.6	15.5	16.3	17.2	18.0
-73.75°	8.5	9.3	10.1	11.0	11.8	12.6	13.5	14.3	15.1	15.9	16.7
-75°	7.7	8.5	9.3	10.1	10.8	11.6	12.4	13.1	13.9	14.6	15.4
-76.25°	7.0	7.7	8.5	9.2	9.9	10.6	11.3	12.0	12.6	13.3	14.0
-77.5°	6.3	7.0	7.6	8.3	8.9	9.5	10.2	10.8	11.4	12.0	12.6



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	5.6	6.2	6.8	7.3	7.9	8.5	9.1	9.6	10.2	10.7	11.3
-80°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9
-81.25°	4.3	4.7	5.1	5.5	6.0	6.4	6.8	7.3	7.7	8.1	8.6
-82.5°	3.7	4.0	4.4	4.7	5.0	5.3	5.7	6.1	6.5	6.8	7.2
-83.75°	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.2	5.5	5.8
-85°	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6
-86.25°	1.9	2.0	2.2	2.3	2.5	2.7	2.8	3.0	3.1	3.3	3.4
-87.5°	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
-88.75°	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220496 (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°	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
87.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3
86.25°	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
85°	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.8	7.0
83.75°	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.4	8.7	9.0
82.5°	7.6	7.9	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.9
81.25°	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2	12.6	12.9
80°	10.4	10.9	11.4	11.8	12.3	12.8	13.2	13.7	14.1	14.5	14.9
78.75°	11.8	12.4	12.9	13.4	14.0	14.5	15.0	15.5	16.0	16.5	17.0
77.5°	13.3	13.9	14.5	15.0	15.6	16.2	16.8	17.3	17.8	18.3	18.7
76.25°	14.7	15.3	16.0	16.6	17.3	17.9	18.4	18.9	19.4	19.9	20.4
75°	16.1	16.8	17.5	18.1	18.7	19.3	19.9	20.4	21.0	21.5	22.0
73.75°	17.5	18.2	18.8	19.5	20.1	20.7	21.3	21.9	22.5	23.0	23.5
72.5°	18.7	19.4	20.1	20.8	21.4	22.1	22.8	23.3	23.8	24.3	24.8
71.25°	19.9	20.6	21.3	22.1	22.8	23.4	23.9	24.5	25.0	25.5	26.1
70°	21.0	21.8	22.6	23.3	23.9	24.5	25.1	25.6	26.2	26.8	27.3
68.75°	22.1	23.0	23.6	24.3	24.9	25.6	26.2	26.8	27.4	28.0	28.6
67.5°	23.2	23.9	24.6	25.3	26.0	26.6	27.3	28.0	28.6	29.3	29.9
66.25°	24.1	24.8	25.6	26.3	27.0	27.7	28.4	29.1	29.8	30.5	31.2
65°	25.0	25.7	26.5	27.3	28.0	28.8	29.6	30.3	31.0	31.8	32.5
63.75°	25.8	26.6	27.5	28.3	29.1	29.9	30.7	31.5	32.2	33.0	33.7
62.5°	26.7	27.6	28.4	29.3	30.1	31.0	31.8	32.6	33.4	34.2	34.9
61.25°	27.6	28.5	29.4	30.3	31.2	32.0	32.9	33.7	34.5	35.4	37.0
60°	28.4	29.4	30.3	31.3	32.2	33.1	33.9	34.8	36.0	37.7	39.4
58.75°	29.3	30.3	31.3	32.2	33.1	34.1	35.0	36.5	38.3	40.1	41.9
57.5°	30.1	31.2	32.2	33.1	34.1	35.1	36.8	38.7	40.6	42.4	44.2
56.25°	31.0	32.0	33.1	34.1	35.1	36.9	38.9	40.9	42.8	44.6	46.3
55°	31.8	32.9	33.9	35.0	36.8	38.9	41.0	43.0	44.9	46.6	48.4
53.75°	32.6	33.7	34.8	36.5	38.7	40.9	43.0	45.0	46.8	48.6	50.4
52.5°	33.4	34.5	36.0	38.3	40.6	42.8	44.9	46.8	48.7	50.6	52.9
51.25°	34.2	35.4	37.7	40.1	42.4	44.6	46.6	48.6	50.6	53.0	55.5
50°	34.9	37.0	39.4	41.9	44.2	46.3	48.4	50.4	52.9	55.5	58.1
48.75°	36.0	38.6	41.1	43.6	45.8	47.9	50.1	52.6	55.3	57.9	60.5
47.5°	37.5	40.2	42.7	45.1	47.3	49.6	52.0	54.8	57.6	60.3	62.4
46.25°	39.0	41.7	44.3	46.6	48.9	51.3	54.2	57.1	59.9	62.2	64.3
45°	40.5	43.2	45.7	48.0	50.4	53.3	56.3	59.2	61.7	64.0	66.2
43.75°	41.9	44.6	47.0	49.5	52.2	55.3	58.3	61.1	63.4	65.7	67.9
42.5°	43.3	45.8	48.4	50.9	54.0	57.2	60.3	62.7	65.1	67.4	69.5
41.25°	44.5	47.1	49.7	52.6	55.9	59.1	61.9	64.3	66.7	68.9	71.0
40°	45.7	48.3	51.0	54.3	57.7	60.8	63.4	65.9	68.2	70.4	72.5
38.75°	46.8	49.5	52.6	56.0	59.4	62.2	64.8	67.4	69.6	71.8	73.9
37.5°	47.9	50.7	54.2	57.7	61.0	63.6	66.3	68.7	71.0	73.2	74.9
36.25°	49.0	52.1	55.7	59.3	62.3	65.0	67.6	70.0	72.3	74.3	75.8
35°	50.1	53.5	57.2	60.7	63.5	66.3	68.8	71.2	73.6	75.2	76.7



REPORT NUMBER: P220496 (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°	51.2	54.9	58.7	61.9	64.7	67.5	70.0	72.4	74.5	76.0	77.6
32.5°	52.5	56.3	60.1	63.0	65.9	68.6	71.1	73.6	75.3	76.9	78.6
31.25°	53.7	57.6	61.2	64.1	67.1	69.7	72.2	74.4	76.0	77.7	79.6
30°	54.9	58.9	62.2	65.2	68.1	70.7	73.3	75.1	76.8	78.6	80.7
28.75°	56.1	60.1	63.2	66.2	69.0	71.7	74.1	75.8	77.5	79.5	81.6
27.5°	57.2	61.0	64.1	67.2	69.9	72.6	74.8	76.5	78.3	80.4	82.6
26.25°	58.3	61.9	65.0	68.1	70.8	73.5	75.4	77.1	79.1	81.3	83.4
25°	59.3	62.7	65.9	68.9	71.6	74.2	76.0	77.7	79.9	82.2	84.2
23.75°	60.3	63.5	66.7	69.6	72.4	74.7	76.5	78.5	80.7	83.0	84.8
22.5°	61.0	64.3	67.5	70.4	73.2	75.2	77.1	79.2	81.5	83.7	85.5
21.25°	61.7	65.0	68.2	71.1	73.9	75.7	77.6	79.9	82.2	84.3	86.1
20°	62.4	65.7	68.8	71.7	74.3	76.2	78.1	80.5	82.9	84.8	86.7
18.75°	63.0	66.3	69.4	72.3	74.8	76.7	78.7	81.1	83.4	85.4	87.3
17.5°	63.5	66.9	70.0	72.9	75.2	77.1	79.3	81.7	83.9	85.9	87.8
16.25°	64.1	67.5	70.5	73.5	75.5	77.5	79.8	82.2	84.4	86.4	88.3
15°	64.6	68.0	71.0	73.9	75.9	77.8	80.3	82.7	84.8	86.8	88.7
13.75°	65.0	68.4	71.4	74.2	76.2	78.2	80.7	83.2	85.2	87.2	89.2
12.5°	65.5	68.8	71.8	74.5	76.5	78.6	81.1	83.5	85.6	87.6	89.5
11.25°	65.9	69.1	72.2	74.8	76.8	79.0	81.5	83.9	85.9	87.9	89.9
10°	66.2	69.4	72.5	75.0	77.0	79.3	81.8	84.1	86.2	88.2	90.2
8.75°	66.5	69.7	72.8	75.2	77.2	79.6	82.1	84.4	86.4	88.5	90.5
7.5°	66.8	70.0	73.1	75.4	77.4	79.8	82.4	84.6	86.7	88.7	90.7
6.25°	67.0	70.2	73.3	75.5	77.5	80.0	82.6	84.8	86.9	88.9	90.9
5°	67.2	70.3	73.5	75.6	77.7	80.2	82.8	84.9	87.0	89.1	91.1
3.75°	67.3	70.5	73.6	75.7	77.8	80.3	82.9	85.0	87.1	89.2	91.2
2.5°	67.4	70.6	73.7	75.8	77.8	80.4	83.0	85.1	87.2	89.3	91.3
1.25°	67.5	70.6	73.8	75.8	77.9	80.5	83.1	85.2	87.3	89.3	91.4
0°	67.5	70.7	73.8	75.9	77.9	80.5	83.1	85.2	87.3	89.4	91.4
-1.25°	67.5	70.6	73.8	75.8	77.9	80.5	83.1	85.2	87.3	89.3	91.4
-2.5°	67.4	70.6	73.7	75.8	77.8	80.4	83.0	85.1	87.2	89.3	91.3
-3.75°	67.3	70.5	73.6	75.7	77.8	80.3	82.9	85.0	87.1	89.2	91.2
-5°	67.2	70.3	73.5	75.6	77.7	80.2	82.8	84.9	87.0	89.1	91.1
-6.25°	67.0	70.2	73.3	75.5	77.5	80.0	82.6	84.8	86.9	88.9	90.9
-7.5°	66.8	70.0	73.1	75.4	77.4	79.8	82.4	84.6	86.7	88.7	90.7
-8.75°	66.5	69.7	72.8	75.2	77.2	79.6	82.1	84.4	86.4	88.5	90.5
-10°	66.2	69.4	72.5	75.0	77.0	79.3	81.8	84.1	86.2	88.2	90.2
-11.25°	65.9	69.1	72.2	74.8	76.8	79.0	81.5	83.9	85.9	87.9	89.9
-12.5°	65.5	68.8	71.8	74.5	76.5	78.6	81.1	83.5	85.6	87.6	89.5
-13.75°	65.0	68.4	71.4	74.2	76.2	78.2	80.7	83.2	85.2	87.2	89.2
-15°	64.6	68.0	71.0	73.9	75.9	77.8	80.3	82.7	84.8	86.8	88.7
-16.25°	64.1	67.5	70.5	73.5	75.5	77.5	79.8	82.2	84.4	86.4	88.3
-17.5°	63.5	66.9	70.0	72.9	75.2	77.1	79.3	81.7	83.9	85.9	87.8
-18.75°	63.0	66.3	69.4	72.3	74.8	76.7	78.7	81.1	83.4	85.4	87.3
-20°	62.4	65.7	68.8	71.7	74.3	76.2	78.1	80.5	82.9	84.8	86.7
-21.25°	61.7	65.0	68.2	71.1	73.9	75.7	77.6	79.9	82.2	84.3	86.1





REPORT NUMBER: P220496 (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°	61.0	64.3	67.5	70.4	73.2	75.2	77.1	79.2	81.5	83.7	85.5
-23.75°	60.3	63.5	66.7	69.6	72.4	74.7	76.5	78.5	80.7	83.0	84.8
-25°	59.3	62.7	65.9	68.9	71.6	74.2	76.0	77.7	79.9	82.2	84.2
-26.25°	58.3	61.9	65.0	68.1	70.8	73.5	75.4	77.1	79.1	81.3	83.4
-27.5°	57.2	61.0	64.1	67.2	69.9	72.6	74.8	76.5	78.3	80.4	82.6
-28.75°	56.1	60.1	63.2	66.2	69.0	71.7	74.1	75.8	77.5	79.5	81.6
-30°	54.9	58.9	62.2	65.2	68.1	70.7	73.3	75.1	76.8	78.6	80.7
-31.25°	53.7	57.6	61.2	64.1	67.1	69.7	72.2	74.4	76.0	77.7	79.6
-32.5°	52.5	56.3	60.1	63.0	65.9	68.6	71.1	73.6	75.3	76.9	78.6
-33.75°	51.2	54.9	58.7	61.9	64.7	67.5	70.0	72.4	74.5	76.0	77.6
-35°	50.1	53.5	57.2	60.7	63.5	66.3	68.8	71.2	73.6	75.2	76.7
-36.25°	49.0	52.1	55.7	59.3	62.3	65.0	67.6	70.0	72.3	74.3	75.8
-37.5°	47.9	50.7	54.2	57.7	61.0	63.6	66.3	68.7	71.0	73.2	74.9
-38.75°	46.8	49.5	52.6	56.0	59.4	62.2	64.8	67.4	69.6	71.8	73.9
-40°	45.7	48.3	51.0	54.3	57.7	60.8	63.4	65.9	68.2	70.4	72.5
-41.25°	44.5	47.1	49.7	52.6	55.9	59.1	61.9	64.3	66.7	68.9	71.0
-42.5°	43.3	45.8	48.4	50.9	54.0	57.2	60.3	62.7	65.1	67.4	69.5
-43.75°	41.9	44.6	47.0	49.5	52.2	55.3	58.3	61.1	63.4	65.7	67.9
-45°	40.5	43.2	45.7	48.0	50.4	53.3	56.3	59.2	61.7	64.0	66.2
-46.25°	39.0	41.7	44.3	46.6	48.9	51.3	54.2	57.1	59.9	62.2	64.3
-47.5°	37.5	40.2	42.7	45.1	47.3	49.6	52.0	54.8	57.6	60.3	62.4
-48.75°	36.0	38.6	41.1	43.6	45.8	47.9	50.1	52.6	55.3	57.9	60.5
-50°	34.9	37.0	39.4	41.9	44.2	46.3	48.4	50.4	52.9	55.5	58.1
-51.25°	34.2	35.4	37.7	40.1	42.4	44.6	46.6	48.6	50.6	53.0	55.5
-52.5°	33.4	34.5	36.0	38.3	40.6	42.8	44.9	46.8	48.7	50.6	52.9
-53.75°	32.6	33.7	34.8	36.5	38.7	40.9	43.0	45.0	46.8	48.6	50.4
-55°	31.8	32.9	33.9	35.0	36.8	38.9	41.0	43.0	44.9	46.6	48.4
-56.25°	31.0	32.0	33.1	34.1	35.1	36.9	38.9	40.9	42.8	44.6	46.3
-57.5°	30.1	31.2	32.2	33.1	34.1	35.1	36.8	38.7	40.6	42.4	44.2
-58.75°	29.3	30.3	31.3	32.2	33.1	34.1	35.0	36.5	38.3	40.1	41.9
-60°	28.4	29.4	30.3	31.3	32.2	33.1	33.9	34.8	36.0	37.7	39.4
-61.25°	27.6	28.5	29.4	30.3	31.2	32.0	32.9	33.7	34.5	35.4	37.0
-62.5°	26.7	27.6	28.4	29.3	30.1	31.0	31.8	32.6	33.4	34.2	34.9
-63.75°	25.8	26.6	27.5	28.3	29.1	29.9	30.7	31.5	32.2	33.0	33.7
-65°	25.0	25.7	26.5	27.3	28.0	28.8	29.6	30.3	31.0	31.8	32.5
-66.25°	24.1	24.8	25.6	26.3	27.0	27.7	28.4	29.1	29.8	30.5	31.2
-67.5°	23.2	23.9	24.6	25.3	26.0	26.6	27.3	28.0	28.6	29.3	29.9
-68.75°	22.1	23.0	23.6	24.3	24.9	25.6	26.2	26.8	27.4	28.0	28.6
-70°	21.0	21.8	22.6	23.3	23.9	24.5	25.1	25.6	26.2	26.8	27.3
-71.25°	19.9	20.6	21.3	22.1	22.8	23.4	23.9	24.5	25.0	25.5	26.1
-72.5°	18.7	19.4	20.1	20.8	21.4	22.1	22.8	23.3	23.8	24.3	24.8
-73.75°	17.5	18.2	18.8	19.5	20.1	20.7	21.3	21.9	22.5	23.0	23.5
-75°	16.1	16.8	17.5	18.1	18.7	19.3	19.9	20.4	21.0	21.5	22.0
-76.25°	14.7	15.3	16.0	16.6	17.3	17.9	18.4	18.9	19.4	19.9	20.4
-77.5°	13.3	13.9	14.5	15.0	15.6	16.2	16.8	17.3	17.8	18.3	18.7



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	11.8	12.4	12.9	13.4	14.0	14.5	15.0	15.5	16.0	16.5	17.0
-80°	10.4	10.9	11.4	11.8	12.3	12.8	13.2	13.7	14.1	14.5	14.9
-81.25°	9.0	9.4	9.8	10.2	10.6	11.0	11.4	11.8	12.2	12.6	12.9
-82.5°	7.6	7.9	8.3	8.6	9.0	9.3	9.6	10.0	10.3	10.6	10.9
-83.75°	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.4	8.7	9.0
-85°	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.8	7.0
-86.25°	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.6	4.7	4.9	5.0
-87.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3
-88.75°	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1
87.5°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.1	4.2
86.25°	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5
85°	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.8	9.0
83.75°	9.2	9.5	9.7	9.9	10.2	10.4	10.6	10.9	11.1	11.3	11.5
82.5°	11.2	11.5	11.9	12.1	12.4	12.7	13.0	13.3	13.5	13.8	14.0
81.25°	13.3	13.7	14.0	14.4	14.7	15.0	15.3	15.7	16.0	16.3	16.6
80°	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.0	18.3	18.6	18.8
78.75°	17.4	17.9	18.2	18.6	19.0	19.3	19.6	20.0	20.3	20.6	20.9
77.5°	19.2	19.6	20.0	20.4	20.8	21.2	21.6	22.0	22.3	22.7	23.0
76.25°	20.9	21.3	21.8	22.2	22.7	23.1	23.4	23.7	24.0	24.3	24.6
75°	22.5	23.0	23.4	23.8	24.2	24.5	24.9	25.3	25.6	25.9	26.3
73.75°	23.9	24.4	24.8	25.2	25.6	26.0	26.4	26.8	27.2	27.5	27.9
72.5°	25.3	25.7	26.2	26.6	27.1	27.5	28.0	28.4	28.8	29.2	29.6
71.25°	26.6	27.1	27.6	28.1	28.6	29.0	29.5	29.9	30.4	30.8	31.2
70°	27.9	28.4	29.0	29.5	30.0	30.5	31.0	31.5	32.0	32.4	32.9
68.75°	29.2	29.8	30.4	30.9	31.5	32.0	32.5	33.0	33.5	34.0	34.5
67.5°	30.6	31.2	31.8	32.3	32.9	33.5	34.0	34.6	35.1	35.9	36.9
66.25°	31.9	32.5	33.1	33.7	34.3	34.9	35.7	36.9	38.0	39.1	40.1
65°	33.1	33.8	34.5	35.1	36.2	37.5	38.7	39.9	41.1	42.2	43.4
63.75°	34.4	35.1	36.3	37.7	39.1	40.4	41.7	43.0	44.1	45.2	46.2
62.5°	36.0	37.5	39.0	40.5	41.9	43.3	44.5	45.7	46.8	47.9	49.0
61.25°	38.6	40.2	41.7	43.2	44.6	45.8	47.1	48.3	49.5	50.7	52.1
60°	41.1	42.7	44.3	45.7	47.0	48.4	49.7	51.0	52.6	54.2	55.7
58.75°	43.6	45.1	46.6	48.0	49.5	50.9	52.6	54.3	56.0	57.7	59.3
57.5°	45.8	47.3	48.9	50.4	52.2	54.0	55.9	57.7	59.4	61.0	62.3
56.25°	47.9	49.6	51.3	53.3	55.3	57.2	59.1	60.8	62.2	63.6	65.0
55°	50.1	52.0	54.2	56.3	58.3	60.3	61.9	63.4	64.8	66.3	67.6
53.75°	52.6	54.8	57.1	59.2	61.1	62.7	64.3	65.9	67.4	68.7	70.0
52.5°	55.3	57.6	59.9	61.7	63.4	65.1	66.7	68.2	69.6	71.0	72.3
51.25°	57.9	60.3	62.2	64.0	65.7	67.4	68.9	70.4	71.8	73.2	74.3
50°	60.5	62.4	64.3	66.2	67.9	69.5	71.0	72.5	73.9	74.9	75.8
48.75°	62.5	64.5	66.4	68.2	69.9	71.5	73.1	74.4	75.3	76.3	77.3
47.5°	64.5	66.5	68.4	70.1	71.8	73.5	74.7	75.7	76.7	77.8	79.0
46.25°	66.4	68.4	70.2	72.0	73.7	74.9	76.0	77.1	78.2	79.5	80.8
45°	68.2	70.1	72.0	73.8	75.0	76.1	77.3	78.5	79.9	81.3	82.6
43.75°	69.9	71.8	73.7	75.0	76.2	77.4	78.7	80.2	81.6	83.0	84.2
42.5°	71.5	73.5	74.9	76.1	77.4	78.8	80.3	81.8	83.3	84.4	85.6
41.25°	73.1	74.7	76.0	77.3	78.7	80.3	81.9	83.4	84.6	85.8	87.0
40°	74.4	75.7	77.1	78.5	80.2	81.8	83.4	84.7	85.9	87.2	88.4
38.75°	75.3	76.7	78.2	79.9	81.6	83.3	84.6	85.9	87.2	88.5	89.7
37.5°	76.3	77.8	79.5	81.3	83.0	84.4	85.8	87.2	88.5	89.8	91.0
36.25°	77.3	79.0	80.8	82.6	84.2	85.6	87.0	88.4	89.7	91.0	93.3
35°	78.3	80.2	82.1	83.8	85.2	86.7	88.1	89.5	90.9	93.2	95.9



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	79.5	81.4	83.3	84.8	86.3	87.8	89.3	90.7	92.8	95.6	98.4
32.5°	80.6	82.5	84.2	85.8	87.4	88.9	90.3	92.2	95.1	98.0	103.1
31.25°	81.7	83.6	85.2	86.8	88.3	89.9	91.4	94.4	97.4	101.7	110.1
30°	82.7	84.5	86.1	87.7	89.3	90.9	93.5	96.6	99.7	108.3	116.9
28.75°	83.6	85.3	87.0	88.6	90.2	92.3	95.5	98.7	105.8	114.7	123.5
27.5°	84.4	86.2	87.8	89.5	91.1	94.2	97.5	102.6	111.8	121.0	134.7
26.25°	85.2	87.0	88.7	90.3	92.7	96.0	99.4	108.3	117.7	129.6	145.7
25°	85.9	87.7	89.4	91.2	94.4	97.8	104.0	113.7	123.4	139.8	156.2
23.75°	86.7	88.4	90.2	92.5	96.0	99.5	109.1	119.0	132.7	149.7	166.5
22.5°	87.3	89.1	90.9	94.0	97.6	103.8	114.0	124.4	141.9	159.1	176.8
21.25°	88.0	89.8	91.8	95.5	99.1	108.3	118.7	132.9	150.6	168.4	186.7
20°	88.6	90.4	93.2	96.8	102.1	112.6	123.1	140.9	159.0	177.5	196.1
18.75°	89.2	91.0	94.4	98.2	106.0	116.7	130.1	148.6	167.0	186.1	205.1
17.5°	89.7	91.8	95.6	99.4	109.7	120.5	137.1	155.8	174.9	194.3	215.0
16.25°	90.2	92.8	96.7	102.1	113.2	124.6	143.6	162.6	182.3	202.0	225.3
15°	90.7	93.8	97.7	105.2	116.4	130.4	149.7	169.1	189.2	209.4	235.0
13.75°	91.1	94.8	98.7	108.1	119.4	135.9	155.4	175.3	195.7	218.0	244.0
12.5°	91.6	95.6	99.6	110.8	122.2	140.9	160.6	181.0	201.6	225.9	252.3
11.25°	92.4	96.4	101.7	113.2	125.5	145.4	165.4	186.2	207.0	233.2	259.8
10°	93.0	97.1	103.7	115.3	129.4	149.5	169.9	190.9	212.8	239.8	266.7
8.75°	93.6	97.7	105.6	117.3	132.9	153.2	173.8	195.1	218.4	245.6	272.8
7.5°	94.1	98.2	107.2	118.9	135.9	156.3	177.3	198.7	223.2	250.7	278.1
6.25°	94.6	98.7	108.5	120.4	138.5	159.0	180.3	201.8	227.4	255.0	282.6
5°	94.9	99.0	109.7	121.5	140.6	161.2	182.7	204.3	230.8	258.5	286.3
3.75°	95.2	99.3	110.5	122.4	142.3	163.0	184.6	206.3	233.4	261.3	289.2
2.5°	95.4	99.5	111.2	123.1	143.5	164.2	185.9	207.7	235.3	263.3	291.3
1.25°	95.5	99.7	111.5	123.5	144.2	165.0	186.7	208.5	236.5	264.5	292.5
0°	95.6	99.7	111.7	123.6	144.4	165.2	187.0	208.8	236.9	264.9	293.0
-1.25°	95.5	99.7	111.5	123.5	144.2	165.0	186.7	208.5	236.5	264.5	292.5
-2.5°	95.4	99.5	111.2	123.1	143.5	164.2	185.9	207.7	235.3	263.3	291.3
-3.75°	95.2	99.3	110.5	122.4	142.3	163.0	184.6	206.3	233.4	261.3	289.2
-5°	94.9	99.0	109.7	121.5	140.6	161.2	182.7	204.3	230.8	258.5	286.3
-6.25°	94.6	98.7	108.5	120.4	138.5	159.0	180.3	201.8	227.4	255.0	282.6
-7.5°	94.1	98.2	107.2	118.9	135.9	156.3	177.3	198.7	223.2	250.7	278.1
-8.75°	93.6	97.7	105.6	117.3	132.9	153.2	173.8	195.1	218.4	245.6	272.8
-10°	93.0	97.1	103.7	115.3	129.4	149.5	169.9	190.9	212.8	239.8	266.7
-11.25°	92.4	96.4	101.7	113.2	125.5	145.4	165.4	186.2	207.0	233.2	259.8
-12.5°	91.6	95.6	99.6	110.8	122.2	140.9	160.6	181.0	201.6	225.9	252.3
-13.75°	91.1	94.8	98.7	108.1	119.4	135.9	155.4	175.3	195.7	218.0	244.0
-15°	90.7	93.8	97.7	105.2	116.4	130.4	149.7	169.1	189.2	209.4	235.0
-16.25°	90.2	92.8	96.7	102.1	113.2	124.6	143.6	162.6	182.3	202.0	225.3
-17.5°	89.7	91.8	95.6	99.4	109.7	120.5	137.1	155.8	174.9	194.3	215.0
-18.75°	89.2	91.0	94.4	98.2	106.0	116.7	130.1	148.6	167.0	186.1	205.1
-20°	88.6	90.4	93.2	96.8	102.1	112.6	123.1	140.9	159.0	177.5	196.1
-21.25°	88.0	89.8	91.8	95.5	99.1	108.3	118.7	132.9	150.6	168.4	186.7



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°
-22.5°	87.3	89.1	90.9	94.0	97.6	103.8	114.0	124.4	141.9	159.1	176.8
-23.75°	86.7	88.4	90.2	92.5	96.0	99.5	109.1	119.0	132.7	149.7	166.5
-25°	85.9	87.7	89.4	91.2	94.4	97.8	104.0	113.7	123.4	139.8	156.2
-26.25°	85.2	87.0	88.7	90.3	92.7	96.0	99.4	108.3	117.7	129.6	145.7
-27.5°	84.4	86.2	87.8	89.5	91.1	94.2	97.5	102.6	111.8	121.0	134.7
-28.75°	83.6	85.3	87.0	88.6	90.2	92.3	95.5	98.7	105.8	114.7	123.5
-30°	82.7	84.5	86.1	87.7	89.3	90.9	93.5	96.6	99.7	108.3	116.9
-31.25°	81.7	83.6	85.2	86.8	88.3	89.9	91.4	94.4	97.4	101.7	110.1
-32.5°	80.6	82.5	84.2	85.8	87.4	88.9	90.3	92.2	95.1	98.0	103.1
-33.75°	79.5	81.4	83.3	84.8	86.3	87.8	89.3	90.7	92.8	95.6	98.4
-35°	78.3	80.2	82.1	83.8	85.2	86.7	88.1	89.5	90.9	93.2	95.9
-36.25°	77.3	79.0	80.8	82.6	84.2	85.6	87.0	88.4	89.7	91.0	93.3
-37.5°	76.3	77.8	79.5	81.3	83.0	84.4	85.8	87.2	88.5	89.8	91.0
-38.75°	75.3	76.7	78.2	79.9	81.6	83.3	84.6	85.9	87.2	88.5	89.7
-40°	74.4	75.7	77.1	78.5	80.2	81.8	83.4	84.7	85.9	87.2	88.4
-41.25°	73.1	74.7	76.0	77.3	78.7	80.3	81.9	83.4	84.6	85.8	87.0
-42.5°	71.5	73.5	74.9	76.1	77.4	78.8	80.3	81.8	83.3	84.4	85.6
-43.75°	69.9	71.8	73.7	75.0	76.2	77.4	78.7	80.2	81.6	83.0	84.2
-45°	68.2	70.1	72.0	73.8	75.0	76.1	77.3	78.5	79.9	81.3	82.6
-46.25°	66.4	68.4	70.2	72.0	73.7	74.9	76.0	77.1	78.2	79.5	80.8
-47.5°	64.5	66.5	68.4	70.1	71.8	73.5	74.7	75.7	76.7	77.8	79.0
-48.75°	62.5	64.5	66.4	68.2	69.9	71.5	73.1	74.4	75.3	76.3	77.3
-50°	60.5	62.4	64.3	66.2	67.9	69.5	71.0	72.5	73.9	74.9	75.8
-51.25°	57.9	60.3	62.2	64.0	65.7	67.4	68.9	70.4	71.8	73.2	74.3
-52.5°	55.3	57.6	59.9	61.7	63.4	65.1	66.7	68.2	69.6	71.0	72.3
-53.75°	52.6	54.8	57.1	59.2	61.1	62.7	64.3	65.9	67.4	68.7	70.0
-55°	50.1	52.0	54.2	56.3	58.3	60.3	61.9	63.4	64.8	66.3	67.6
-56.25°	47.9	49.6	51.3	53.3	55.3	57.2	59.1	60.8	62.2	63.6	65.0
-57.5°	45.8	47.3	48.9	50.4	52.2	54.0	55.9	57.7	59.4	61.0	62.3
-58.75°	43.6	45.1	46.6	48.0	49.5	50.9	52.6	54.3	56.0	57.7	59.3
-60°	41.1	42.7	44.3	45.7	47.0	48.4	49.7	51.0	52.6	54.2	55.7
-61.25°	38.6	40.2	41.7	43.2	44.6	45.8	47.1	48.3	49.5	50.7	52.1
-62.5°	36.0	37.5	39.0	40.5	41.9	43.3	44.5	45.7	46.8	47.9	49.0
-63.75°	34.4	35.1	36.3	37.7	39.1	40.4	41.7	43.0	44.1	45.2	46.2
-65°	33.1	33.8	34.5	35.1	36.2	37.5	38.7	39.9	41.1	42.2	43.4
-66.25°	31.9	32.5	33.1	33.7	34.3	34.9	35.7	36.9	38.0	39.1	40.1
-67.5°	30.6	31.2	31.8	32.3	32.9	33.5	34.0	34.6	35.1	35.9	36.9
-68.75°	29.2	29.8	30.4	30.9	31.5	32.0	32.5	33.0	33.5	34.0	34.5
-70°	27.9	28.4	29.0	29.5	30.0	30.5	31.0	31.5	32.0	32.4	32.9
-71.25°	26.6	27.1	27.6	28.1	28.6	29.0	29.5	29.9	30.4	30.8	31.2
-72.5°	25.3	25.7	26.2	26.6	27.1	27.5	28.0	28.4	28.8	29.2	29.6
-73.75°	23.9	24.4	24.8	25.2	25.6	26.0	26.4	26.8	27.2	27.5	27.9
-75°	22.5	23.0	23.4	23.8	24.2	24.5	24.9	25.3	25.6	25.9	26.3
-76.25°	20.9	21.3	21.8	22.2	22.7	23.1	23.4	23.7	24.0	24.3	24.6
-77.5°	19.2	19.6	20.0	20.4	20.8	21.2	21.6	22.0	22.3	22.7	23.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	17.4	17.9	18.2	18.6	19.0	19.3	19.6	20.0	20.3	20.6	20.9
-80°	15.4	15.8	16.2	16.6	17.0	17.3	17.7	18.0	18.3	18.6	18.8
-81.25°	13.3	13.7	14.0	14.4	14.7	15.0	15.3	15.7	16.0	16.3	16.6
-82.5°	11.2	11.5	11.9	12.1	12.4	12.7	13.0	13.3	13.5	13.8	14.0
-83.75°	9.2	9.5	9.7	9.9	10.2	10.4	10.6	10.9	11.1	11.3	11.5
-85°	7.2	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.8	9.0
-86.25°	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5
-87.5°	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.1	4.2
-88.75°	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4
87.5°	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8
86.25°	6.6	6.7	6.8	6.9	7.1	7.2	7.2	7.3	7.4	7.5	7.6
85°	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.5
83.75°	11.7	11.9	12.1	12.3	12.4	12.6	12.8	12.9	13.1	13.2	13.3
82.5°	14.3	14.5	14.7	14.9	15.2	15.4	15.6	15.7	15.9	16.1	16.3
81.25°	16.8	17.1	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.7	18.9
80°	19.1	19.4	19.6	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.3
78.75°	21.2	21.5	21.8	22.1	22.3	22.6	22.8	23.0	23.2	23.4	23.5
77.5°	23.2	23.5	23.7	24.0	24.2	24.4	24.7	24.9	25.1	25.2	25.4
76.25°	24.9	25.2	25.5	25.7	26.0	26.2	26.5	26.7	26.9	27.1	27.3
75°	26.6	26.9	27.2	27.5	27.8	28.0	28.3	28.5	28.8	29.0	29.2
73.75°	28.3	28.6	28.9	29.3	29.6	29.9	30.1	30.4	30.7	30.9	31.2
72.5°	30.0	30.3	30.7	31.0	31.4	31.7	32.0	32.3	32.5	32.8	33.1
71.25°	31.6	32.0	32.4	32.8	33.1	33.4	33.8	34.1	34.4	34.7	34.9
70°	33.3	33.7	34.1	34.5	34.9	35.2	35.8	36.5	37.2	37.8	38.4
68.75°	34.9	35.4	36.3	37.1	37.9	38.7	39.5	40.2	40.9	41.5	42.2
67.5°	37.9	38.8	39.7	40.6	41.5	42.3	43.1	43.8	44.5	45.1	45.7
66.25°	41.2	42.2	43.1	44.0	44.8	45.6	46.3	47.0	47.7	48.4	49.0
65°	44.3	45.3	46.2	47.0	47.9	48.7	49.5	50.2	51.0	51.9	52.7
63.75°	47.2	48.2	49.2	50.1	51.0	52.1	53.2	54.2	55.2	56.1	57.0
62.5°	50.1	51.2	52.5	53.7	54.9	56.1	57.2	58.3	59.3	60.3	61.0
61.25°	53.5	54.9	56.3	57.6	58.9	60.1	61.0	61.9	62.7	63.5	64.3
60°	57.2	58.7	60.1	61.2	62.2	63.2	64.1	65.0	65.9	66.7	67.5
58.75°	60.7	61.9	63.0	64.1	65.2	66.2	67.2	68.1	68.9	69.6	70.4
57.5°	63.5	64.7	65.9	67.1	68.1	69.0	69.9	70.8	71.6	72.4	73.2
56.25°	66.3	67.5	68.6	69.7	70.7	71.7	72.6	73.5	74.2	74.7	75.2
55°	68.8	70.0	71.1	72.2	73.3	74.1	74.8	75.4	76.0	76.5	77.1
53.75°	71.2	72.4	73.6	74.4	75.1	75.8	76.5	77.1	77.7	78.5	79.2
52.5°	73.6	74.5	75.3	76.0	76.8	77.5	78.3	79.1	79.9	80.7	81.5
51.25°	75.2	76.0	76.9	77.7	78.6	79.5	80.4	81.3	82.2	83.0	83.7
50°	76.7	77.6	78.6	79.6	80.7	81.6	82.6	83.4	84.2	84.8	85.5
48.75°	78.3	79.5	80.6	81.7	82.7	83.6	84.4	85.2	85.9	86.7	87.3
47.5°	80.2	81.4	82.5	83.6	84.5	85.3	86.2	87.0	87.7	88.4	89.1
46.25°	82.1	83.3	84.2	85.2	86.1	87.0	87.8	88.7	89.4	90.2	90.9
45°	83.8	84.8	85.8	86.8	87.7	88.6	89.5	90.3	91.2	92.5	94.0
43.75°	85.2	86.3	87.4	88.3	89.3	90.2	91.1	92.7	94.4	96.0	97.6
42.5°	86.7	87.8	88.9	89.9	90.9	92.3	94.2	96.0	97.8	99.5	103.8
41.25°	88.1	89.3	90.3	91.4	93.5	95.5	97.5	99.4	104.0	109.1	114.0
40°	89.5	90.7	92.2	94.4	96.6	98.7	102.6	108.3	113.7	119.0	124.4
38.75°	90.9	92.8	95.1	97.4	99.7	105.8	111.8	117.7	123.4	132.7	141.9
37.5°	93.2	95.6	98.0	101.7	108.3	114.7	121.0	129.6	139.8	149.7	159.1
36.25°	95.9	98.4	103.1	110.1	116.9	123.5	134.7	145.7	156.2	166.5	176.8
35°	98.5	103.8	111.2	118.4	126.7	138.6	150.3	161.5	172.8	183.9	194.5



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	103.8	111.5	119.1	128.6	141.2	153.6	165.6	177.8	189.6	201.1	213.1
32.5°	111.2	119.1	129.3	142.6	155.5	168.4	181.3	194.0	206.2	220.7	235.4
31.25°	118.4	128.6	142.6	156.2	169.8	183.5	196.9	210.2	226.5	242.3	257.5
30°	126.7	141.2	155.5	169.8	184.2	198.3	213.1	230.4	247.2	263.5	279.3
28.75°	138.6	153.6	168.4	183.5	198.3	214.0	232.3	250.1	267.5	284.4	300.7
27.5°	150.3	165.6	181.3	196.9	213.1	232.3	251.1	269.5	287.4	304.9	322.0
26.25°	161.5	177.8	194.0	210.2	230.4	250.1	269.5	288.5	307.0	326.4	350.0
25°	172.8	189.6	206.2	226.5	247.2	267.5	287.4	307.0	327.8	352.9	377.3
23.75°	183.9	201.1	220.7	242.3	263.5	284.4	304.9	326.4	352.9	378.9	405.2
22.5°	194.5	213.1	235.4	257.5	279.3	300.7	322.0	350.0	377.3	405.2	435.2
21.25°	204.8	226.7	249.6	272.2	294.5	316.4	344.1	372.8	401.6	433.4	464.4
20°	216.2	239.8	263.2	286.3	309.1	335.3	365.3	394.8	427.9	460.7	494.1
18.75°	228.2	252.3	276.1	299.7	323.8	354.9	385.7	418.9	453.2	487.4	526.3
17.5°	239.6	264.1	288.4	312.5	341.7	373.6	406.4	442.2	477.5	516.6	574.7
16.25°	250.4	275.3	300.1	325.9	358.8	391.3	427.6	464.3	503.1	556.2	644.5
15°	260.4	285.8	311.0	341.2	374.8	409.8	447.7	485.4	530.7	605.1	727.2
13.75°	269.8	295.6	321.2	355.6	389.8	427.7	466.5	508.2	568.6	674.0	822.0
12.5°	278.5	304.6	333.9	368.9	404.7	444.4	483.9	532.2	614.8	750.0	918.4
11.25°	286.4	312.8	345.6	381.0	419.3	459.8	502.5	563.2	671.4	828.1	1010.8
10°	293.5	320.3	356.1	392.1	432.6	473.7	519.4	593.1	729.8	905.8	1100.3
8.75°	299.9	329.0	365.5	402.7	444.4	486.4	540.4	637.1	790.6	977.9	1181.1
7.5°	305.4	336.9	373.7	412.6	454.8	499.0	561.5	675.7	844.1	1043.1	1249.5
6.25°	310.2	343.5	380.7	421.0	463.7	509.8	579.5	711.2	895.1	1101.0	1307.9
5°	314.0	349.0	386.5	428.0	471.0	518.7	598.4	747.1	937.9	1149.0	1356.3
3.75°	317.1	353.3	391.0	433.4	476.7	526.4	618.8	775.3	971.4	1186.7	1391.4
2.5°	319.3	356.4	394.2	437.3	480.8	534.3	633.4	795.5	995.5	1212.8	1416.5
1.25°	320.6	358.3	396.2	439.7	483.3	539.1	642.2	807.7	1010.0	1228.4	1431.6
0°	321.0	358.9	396.8	440.5	484.1	540.7	645.1	811.8	1014.9	1233.6	1436.7
-1.25°	320.6	358.3	396.2	439.7	483.3	539.1	642.2	807.7	1010.0	1228.4	1431.6
-2.5°	319.3	356.4	394.2	437.3	480.8	534.3	633.4	795.5	995.5	1212.8	1416.5
-3.75°	317.1	353.3	391.0	433.4	476.7	526.4	618.8	775.3	971.4	1186.7	1391.4
-5°	314.0	349.0	386.5	428.0	471.0	518.7	598.4	747.1	937.9	1149.0	1356.3
-6.25°	310.2	343.5	380.7	421.0	463.7	509.8	579.5	711.2	895.1	1101.0	1307.9
-7.5°	305.4	336.9	373.7	412.6	454.8	499.0	561.5	675.7	844.1	1043.1	1249.5
-8.75°	299.9	329.0	365.5	402.7	444.4	486.4	540.4	637.1	790.6	977.9	1181.1
-10°	293.5	320.3	356.1	392.1	432.6	473.7	519.4	593.1	729.8	905.8	1100.3
-11.25°	286.4	312.8	345.6	381.0	419.3	459.8	502.5	563.2	671.4	828.1	1010.8
-12.5°	278.5	304.6	333.9	368.9	404.7	444.4	483.9	532.2	614.8	750.0	918.4
-13.75°	269.8	295.6	321.2	355.6	389.8	427.7	466.5	508.2	568.6	674.0	822.0
-15°	260.4	285.8	311.0	341.2	374.8	409.8	447.7	485.4	530.7	605.1	727.2
-16.25°	250.4	275.3	300.1	325.9	358.8	391.3	427.6	464.3	503.1	556.2	644.5
-17.5°	239.6	264.1	288.4	312.5	341.7	373.6	406.4	442.2	477.5	516.6	574.7
-18.75°	228.2	252.3	276.1	299.7	323.8	354.9	385.7	418.9	453.2	487.4	526.3
-20°	216.2	239.8	263.2	286.3	309.1	335.3	365.3	394.8	427.9	460.7	494.1
-21.25°	204.8	226.7	249.6	272.2	294.5	316.4	344.1	372.8	401.6	433.4	464.4





REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	194.5	213.1	235.4	257.5	279.3	300.7	322.0	350.0	377.3	405.2	435.2
-23.75°	183.9	201.1	220.7	242.3	263.5	284.4	304.9	326.4	352.9	378.9	405.2
-25°	172.8	189.6	206.2	226.5	247.2	267.5	287.4	307.0	327.8	352.9	377.3
-26.25°	161.5	177.8	194.0	210.2	230.4	250.1	269.5	288.5	307.0	326.4	350.0
-27.5°	150.3	165.6	181.3	196.9	213.1	232.3	251.1	269.5	287.4	304.9	322.0
-28.75°	138.6	153.6	168.4	183.5	198.3	214.0	232.3	250.1	267.5	284.4	300.7
-30°	126.7	141.2	155.5	169.8	184.2	198.3	213.1	230.4	247.2	263.5	279.3
-31.25°	118.4	128.6	142.6	156.2	169.8	183.5	196.9	210.2	226.5	242.3	257.5
-32.5°	111.2	119.1	129.3	142.6	155.5	168.4	181.3	194.0	206.2	220.7	235.4
-33.75°	103.8	111.5	119.1	128.6	141.2	153.6	165.6	177.8	189.6	201.1	213.1
-35°	98.5	103.8	111.2	118.4	126.7	138.6	150.3	161.5	172.8	183.9	194.5
-36.25°	95.9	98.4	103.1	110.1	116.9	123.5	134.7	145.7	156.2	166.5	176.8
-37.5°	93.2	95.6	98.0	101.7	108.3	114.7	121.0	129.6	139.8	149.7	159.1
-38.75°	90.9	92.8	95.1	97.4	99.7	105.8	111.8	117.7	123.4	132.7	141.9
-40°	89.5	90.7	92.2	94.4	96.6	98.7	102.6	108.3	113.7	119.0	124.4
-41.25°	88.1	89.3	90.3	91.4	93.5	95.5	97.5	99.4	104.0	109.1	114.0
-42.5°	86.7	87.8	88.9	89.9	90.9	92.3	94.2	96.0	97.8	99.5	103.8
-43.75°	85.2	86.3	87.4	88.3	89.3	90.2	91.1	92.7	94.4	96.0	97.6
-45°	83.8	84.8	85.8	86.8	87.7	88.6	89.5	90.3	91.2	92.5	94.0
-46.25°	82.1	83.3	84.2	85.2	86.1	87.0	87.8	88.7	89.4	90.2	90.9
-47.5°	80.2	81.4	82.5	83.6	84.5	85.3	86.2	87.0	87.7	88.4	89.1
-48.75°	78.3	79.5	80.6	81.7	82.7	83.6	84.4	85.2	85.9	86.7	87.3
-50°	76.7	77.6	78.6	79.6	80.7	81.6	82.6	83.4	84.2	84.8	85.5
-51.25°	75.2	76.0	76.9	77.7	78.6	79.5	80.4	81.3	82.2	83.0	83.7
-52.5°	73.6	74.5	75.3	76.0	76.8	77.5	78.3	79.1	79.9	80.7	81.5
-53.75°	71.2	72.4	73.6	74.4	75.1	75.8	76.5	77.1	77.7	78.5	79.2
-55°	68.8	70.0	71.1	72.2	73.3	74.1	74.8	75.4	76.0	76.5	77.1
-56.25°	66.3	67.5	68.6	69.7	70.7	71.7	72.6	73.5	74.2	74.7	75.2
-57.5°	63.5	64.7	65.9	67.1	68.1	69.0	69.9	70.8	71.6	72.4	73.2
-58.75°	60.7	61.9	63.0	64.1	65.2	66.2	67.2	68.1	68.9	69.6	70.4
-60°	57.2	58.7	60.1	61.2	62.2	63.2	64.1	65.0	65.9	66.7	67.5
-61.25°	53.5	54.9	56.3	57.6	58.9	60.1	61.0	61.9	62.7	63.5	64.3
-62.5°	50.1	51.2	52.5	53.7	54.9	56.1	57.2	58.3	59.3	60.3	61.0
-63.75°	47.2	48.2	49.2	50.1	51.0	52.1	53.2	54.2	55.2	56.1	57.0
-65°	44.3	45.3	46.2	47.0	47.9	48.7	49.5	50.2	51.0	51.9	52.7
-66.25°	41.2	42.2	43.1	44.0	44.8	45.6	46.3	47.0	47.7	48.4	49.0
-67.5°	37.9	38.8	39.7	40.6	41.5	42.3	43.1	43.8	44.5	45.1	45.7
-68.75°	34.9	35.4	36.3	37.1	37.9	38.7	39.5	40.2	40.9	41.5	42.2
-70°	33.3	33.7	34.1	34.5	34.9	35.2	35.8	36.5	37.2	37.8	38.4
-71.25°	31.6	32.0	32.4	32.8	33.1	33.4	33.8	34.1	34.4	34.7	34.9
-72.5°	30.0	30.3	30.7	31.0	31.4	31.7	32.0	32.3	32.5	32.8	33.1
-73.75°	28.3	28.6	28.9	29.3	29.6	29.9	30.1	30.4	30.7	30.9	31.2
-75°	26.6	26.9	27.2	27.5	27.8	28.0	28.3	28.5	28.8	29.0	29.2
-76.25°	24.9	25.2	25.5	25.7	26.0	26.2	26.5	26.7	26.9	27.1	27.3
-77.5°	23.2	23.5	23.7	24.0	24.2	24.4	24.7	24.9	25.1	25.2	25.4



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	21.2	21.5	21.8	22.1	22.3	22.6	22.8	23.0	23.2	23.4	23.5
-80°	19.1	19.4	19.6	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.3
-81.25°	16.8	17.1	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.7	18.9
-82.5°	14.3	14.5	14.7	14.9	15.2	15.4	15.6	15.7	15.9	16.1	16.3
-83.75°	11.7	11.9	12.1	12.3	12.4	12.6	12.8	12.9	13.1	13.2	13.3
-85°	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.5
-86.25°	6.6	6.7	6.8	6.9	7.1	7.2	7.2	7.3	7.4	7.5	7.6
-87.5°	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8
-88.75°	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4
-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: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
87.5°	4.8	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
86.25°	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
85°	10.6	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
83.75°	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4
82.5°	16.4	16.6	16.7	16.8	16.9	17.1	17.2	17.2	17.3	17.4	17.5
81.25°	19.1	19.2	19.3	19.5	19.6	19.7	19.8	19.9	19.9	20.0	20.1
80°	21.5	21.6	21.8	21.9	22.1	22.2	22.3	22.4	22.5	22.6	22.7
78.75°	23.7	23.8	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.7
77.5°	25.6	25.7	25.9	26.0	26.2	26.3	26.4	26.5	26.6	26.7	26.8
76.25°	27.5	27.7	27.9	28.0	28.2	28.3	28.4	28.5	28.6	28.7	28.8
75°	29.5	29.6	29.8	30.0	30.2	30.3	30.5	30.6	30.7	30.8	30.9
73.75°	31.4	31.6	31.8	32.0	32.2	32.3	32.5	32.6	32.7	32.8	32.9
72.5°	33.3	33.5	33.7	33.9	34.1	34.3	34.5	34.6	34.7	34.9	35.0
71.25°	35.2	35.6	36.0	36.5	36.9	37.3	37.6	37.9	38.2	38.5	38.7
70°	38.9	39.4	39.9	40.4	40.8	41.2	41.6	42.0	42.3	42.5	42.8
68.75°	42.7	43.3	43.8	44.2	44.7	45.0	45.4	45.7	46.0	46.3	46.5
67.5°	46.2	46.7	47.2	47.7	48.1	48.5	48.9	49.3	49.6	49.8	50.1
66.25°	49.6	50.1	50.7	51.2	51.8	52.4	52.9	53.4	53.8	54.2	54.5
65°	53.5	54.3	55.0	55.7	56.3	56.9	57.4	57.9	58.4	58.8	59.1
63.75°	57.8	58.6	59.4	60.1	60.7	61.1	61.6	62.0	62.3	62.7	63.0
62.5°	61.7	62.4	63.0	63.5	64.1	64.6	65.0	65.5	65.9	66.2	66.5
61.25°	65.0	65.7	66.3	66.9	67.5	68.0	68.4	68.8	69.1	69.4	69.7
60°	68.2	68.8	69.4	70.0	70.5	71.0	71.4	71.8	72.2	72.5	72.8
58.75°	71.1	71.7	72.3	72.9	73.5	73.9	74.2	74.5	74.8	75.0	75.2
57.5°	73.9	74.3	74.8	75.2	75.5	75.9	76.2	76.5	76.8	77.0	77.2
56.25°	75.7	76.2	76.7	77.1	77.5	77.8	78.2	78.6	79.0	79.3	79.6
55°	77.6	78.1	78.7	79.3	79.8	80.3	80.7	81.1	81.5	81.8	82.1
53.75°	79.9	80.5	81.1	81.7	82.2	82.7	83.2	83.5	83.9	84.1	84.4
52.5°	82.2	82.9	83.4	83.9	84.4	84.8	85.2	85.6	85.9	86.2	86.4
51.25°	84.3	84.8	85.4	85.9	86.4	86.8	87.2	87.6	87.9	88.2	88.5
50°	86.1	86.7	87.3	87.8	88.3	88.7	89.2	89.5	89.9	90.2	90.5
48.75°	88.0	88.6	89.2	89.7	90.2	90.7	91.1	91.6	92.4	93.0	93.6
47.5°	89.8	90.4	91.0	91.8	92.8	93.8	94.8	95.6	96.4	97.1	97.7
46.25°	91.8	93.2	94.4	95.6	96.7	97.7	98.7	99.6	101.7	103.7	105.6
45°	95.5	96.8	98.2	99.4	102.1	105.2	108.1	110.8	113.2	115.3	117.3
43.75°	99.1	102.1	106.0	109.7	113.2	116.4	119.4	122.2	125.5	129.4	132.9
42.5°	108.3	112.6	116.7	120.5	124.6	130.4	135.9	140.9	145.4	149.5	153.2
41.25°	118.7	123.1	130.1	137.1	143.6	149.7	155.4	160.6	165.4	169.9	173.8
40°	132.9	140.9	148.6	155.8	162.6	169.1	175.3	181.0	186.2	190.9	195.1
38.75°	150.6	159.0	167.0	174.9	182.3	189.2	195.7	201.6	207.0	212.8	218.4
37.5°	168.4	177.5	186.1	194.3	202.0	209.4	218.0	225.9	233.2	239.8	245.6
36.25°	186.7	196.1	205.1	215.0	225.3	235.0	244.0	252.3	259.8	266.7	272.8
35°	204.8	216.2	228.2	239.6	250.4	260.4	269.8	278.5	286.4	293.5	299.9



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	226.7	239.8	252.3	264.1	275.3	285.8	295.6	304.6	312.8	320.3	329.0
32.5°	249.6	263.2	276.1	288.4	300.1	311.0	321.2	333.9	345.6	356.1	365.5
31.25°	272.2	286.3	299.7	312.5	325.9	341.2	355.6	368.9	381.0	392.1	402.7
30°	294.5	309.1	323.8	341.7	358.8	374.8	389.8	404.7	419.3	432.6	444.4
28.75°	316.4	335.3	354.9	373.6	391.3	409.8	427.7	444.4	459.8	473.7	486.4
27.5°	344.1	365.3	385.7	406.4	427.6	447.7	466.5	483.9	502.5	519.4	540.4
26.25°	372.8	394.8	418.9	442.2	464.3	485.4	508.2	532.2	563.2	593.1	637.1
25°	401.6	427.9	453.2	477.5	503.1	530.7	568.6	614.8	671.4	729.8	790.6
23.75°	433.4	460.7	487.4	516.6	556.2	605.1	674.0	750.0	828.1	905.8	977.9
22.5°	464.4	494.1	526.3	574.7	644.5	727.2	822.0	918.4	1010.8	1100.3	1181.1
21.25°	496.3	533.6	585.8	671.1	771.9	880.4	992.2	1102.1	1204.7	1294.8	1374.6
20°	533.6	590.0	684.5	799.0	922.2	1047.7	1172.1	1284.3	1385.4	1472.3	1542.5
18.75°	585.8	684.5	808.1	943.3	1082.2	1218.1	1342.3	1450.6	1542.1	1613.4	1661.6
17.5°	671.1	799.0	943.3	1093.8	1240.9	1376.0	1494.9	1586.3	1655.2	1703.0	1741.3
16.25°	771.9	922.2	1082.2	1240.9	1386.8	1516.4	1613.2	1678.7	1730.0	1773.7	1815.5
15°	880.4	1047.7	1218.1	1376.0	1516.4	1622.3	1690.6	1746.0	1796.8	1845.4	1889.9
13.75°	992.2	1172.1	1342.3	1494.9	1613.2	1690.6	1751.3	1808.5	1863.7	1915.3	1962.7
12.5°	1102.1	1284.3	1450.6	1586.3	1678.7	1746.0	1808.5	1869.9	1928.2	1982.8	2031.2
11.25°	1204.7	1385.4	1542.1	1655.2	1730.0	1796.8	1863.7	1928.2	1989.3	2044.9	2104.8
10°	1294.8	1472.3	1613.4	1703.0	1773.7	1845.4	1915.3	1982.8	2044.9	2113.3	2180.6
8.75°	1374.6	1542.5	1661.6	1741.3	1815.5	1889.9	1962.7	2031.2	2104.8	2180.6	2253.9
7.5°	1440.3	1596.5	1698.0	1774.8	1852.9	1929.9	2004.4	2079.9	2161.8	2243.7	2319.3
6.25°	1496.8	1639.5	1726.6	1805.2	1885.4	1964.8	2040.3	2125.0	2213.5	2299.1	2374.7
5°	1537.0	1664.1	1749.3	1830.6	1912.7	1993.5	2074.7	2165.5	2258.2	2344.5	2420.0
3.75°	1565.8	1683.6	1767.2	1850.8	1934.4	2015.9	2102.9	2198.0	2293.5	2379.2	2452.9
2.5°	1586.5	1697.6	1780.5	1865.4	1950.1	2032.3	2123.6	2222.1	2318.1	2404.0	2477.1
1.25°	1599.0	1706.1	1788.7	1874.2	1959.7	2042.2	2136.9	2236.8	2333.3	2419.4	2491.0
0°	1603.2	1708.9	1791.5	1877.2	1962.9	2045.5	2141.3	2241.8	2338.4	2424.6	2495.5
-1.25°	1599.0	1706.1	1788.7	1874.2	1959.7	2042.2	2136.9	2236.8	2333.3	2419.4	2491.0
-2.5°	1586.5	1697.6	1780.5	1865.4	1950.1	2032.3	2123.6	2222.1	2318.1	2404.0	2477.1
-3.75°	1565.8	1683.6	1767.2	1850.8	1934.4	2015.9	2102.9	2198.0	2293.5	2379.2	2452.9
-5°	1537.0	1664.1	1749.3	1830.6	1912.7	1993.5	2074.7	2165.5	2258.2	2344.5	2420.0
-6.25°	1496.8	1639.5	1726.6	1805.2	1885.4	1964.8	2040.3	2125.0	2213.5	2299.1	2374.7
-7.5°	1440.3	1596.5	1698.0	1774.8	1852.9	1929.9	2004.4	2079.9	2161.8	2243.7	2319.3
-8.75°	1374.6	1542.5	1661.6	1741.3	1815.5	1889.9	1962.7	2031.2	2104.8	2180.6	2253.9
-10°	1294.8	1472.3	1613.4	1703.0	1773.7	1845.4	1915.3	1982.8	2044.9	2113.3	2180.6
-11.25°	1204.7	1385.4	1542.1	1655.2	1730.0	1796.8	1863.7	1928.2	1989.3	2044.9	2104.8
-12.5°	1102.1	1284.3	1450.6	1586.3	1678.7	1746.0	1808.5	1869.9	1928.2	1982.8	2031.2
-13.75°	992.2	1172.1	1342.3	1494.9	1613.2	1690.6	1751.3	1808.5	1863.7	1915.3	1962.7
-15°	880.4	1047.7	1218.1	1376.0	1516.4	1622.3	1690.6	1746.0	1796.8	1845.4	1889.9
-16.25°	771.9	922.2	1082.2	1240.9	1386.8	1516.4	1613.2	1678.7	1730.0	1773.7	1815.5
-17.5°	671.1	799.0	943.3	1093.8	1240.9	1376.0	1494.9	1586.3	1655.2	1703.0	1741.3
-18.75°	585.8	684.5	808.1	943.3	1082.2	1218.1	1342.3	1450.6	1542.1	1613.4	1661.6
-20°	533.6	590.0	684.5	799.0	922.2	1047.7	1172.1	1284.3	1385.4	1472.3	1542.5
-21.25°	496.3	533.6	585.8	671.1	771.9	880.4	992.2	1102.1	1204.7	1294.8	1374.6



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	464.4	494.1	526.3	574.7	644.5	727.2	822.0	918.4	1010.8	1100.3	1181.1
-23.75°	433.4	460.7	487.4	516.6	556.2	605.1	674.0	750.0	828.1	905.8	977.9
-25°	401.6	427.9	453.2	477.5	503.1	530.7	568.6	614.8	671.4	729.8	790.6
-26.25°	372.8	394.8	418.9	442.2	464.3	485.4	508.2	532.2	563.2	593.1	637.1
-27.5°	344.1	365.3	385.7	406.4	427.6	447.7	466.5	483.9	502.5	519.4	540.4
-28.75°	316.4	335.3	354.9	373.6	391.3	409.8	427.7	444.4	459.8	473.7	486.4
-30°	294.5	309.1	323.8	341.7	358.8	374.8	389.8	404.7	419.3	432.6	444.4
-31.25°	272.2	286.3	299.7	312.5	325.9	341.2	355.6	368.9	381.0	392.1	402.7
-32.5°	249.6	263.2	276.1	288.4	300.1	311.0	321.2	333.9	345.6	356.1	365.5
-33.75°	226.7	239.8	252.3	264.1	275.3	285.8	295.6	304.6	312.8	320.3	329.0
-35°	204.8	216.2	228.2	239.6	250.4	260.4	269.8	278.5	286.4	293.5	299.9
-36.25°	186.7	196.1	205.1	215.0	225.3	235.0	244.0	252.3	259.8	266.7	272.8
-37.5°	168.4	177.5	186.1	194.3	202.0	209.4	218.0	225.9	233.2	239.8	245.6
-38.75°	150.6	159.0	167.0	174.9	182.3	189.2	195.7	201.6	207.0	212.8	218.4
-40°	132.9	140.9	148.6	155.8	162.6	169.1	175.3	181.0	186.2	190.9	195.1
-41.25°	118.7	123.1	130.1	137.1	143.6	149.7	155.4	160.6	165.4	169.9	173.8
-42.5°	108.3	112.6	116.7	120.5	124.6	130.4	135.9	140.9	145.4	149.5	153.2
-43.75°	99.1	102.1	106.0	109.7	113.2	116.4	119.4	122.2	125.5	129.4	132.9
-45°	95.5	96.8	98.2	99.4	102.1	105.2	108.1	110.8	113.2	115.3	117.3
-46.25°	91.8	93.2	94.4	95.6	96.7	97.7	98.7	99.6	101.7	103.7	105.6
-47.5°	89.8	90.4	91.0	91.8	92.8	93.8	94.8	95.6	96.4	97.1	97.7
-48.75°	88.0	88.6	89.2	89.7	90.2	90.7	91.1	91.6	92.4	93.0	93.6
-50°	86.1	86.7	87.3	87.8	88.3	88.7	89.2	89.5	89.9	90.2	90.5
-51.25°	84.3	84.8	85.4	85.9	86.4	86.8	87.2	87.6	87.9	88.2	88.5
-52.5°	82.2	82.9	83.4	83.9	84.4	84.8	85.2	85.6	85.9	86.2	86.4
-53.75°	79.9	80.5	81.1	81.7	82.2	82.7	83.2	83.5	83.9	84.1	84.4
-55°	77.6	78.1	78.7	79.3	79.8	80.3	80.7	81.1	81.5	81.8	82.1
-56.25°	75.7	76.2	76.7	77.1	77.5	77.8	78.2	78.6	79.0	79.3	79.6
-57.5°	73.9	74.3	74.8	75.2	75.5	75.9	76.2	76.5	76.8	77.0	77.2
-58.75°	71.1	71.7	72.3	72.9	73.5	73.9	74.2	74.5	74.8	75.0	75.2
-60°	68.2	68.8	69.4	70.0	70.5	71.0	71.4	71.8	72.2	72.5	72.8
-61.25°	65.0	65.7	66.3	66.9	67.5	68.0	68.4	68.8	69.1	69.4	69.7
-62.5°	61.7	62.4	63.0	63.5	64.1	64.6	65.0	65.5	65.9	66.2	66.5
-63.75°	57.8	58.6	59.4	60.1	60.7	61.1	61.6	62.0	62.3	62.7	63.0
-65°	53.5	54.3	55.0	55.7	56.3	56.9	57.4	57.9	58.4	58.8	59.1
-66.25°	49.6	50.1	50.7	51.2	51.8	52.4	52.9	53.4	53.8	54.2	54.5
-67.5°	46.2	46.7	47.2	47.7	48.1	48.5	48.9	49.3	49.6	49.8	50.1
-68.75°	42.7	43.3	43.8	44.2	44.7	45.0	45.4	45.7	46.0	46.3	46.5
-70°	38.9	39.4	39.9	40.4	40.8	41.2	41.6	42.0	42.3	42.5	42.8
-71.25°	35.2	35.6	36.0	36.5	36.9	37.3	37.6	37.9	38.2	38.5	38.7
-72.5°	33.3	33.5	33.7	33.9	34.1	34.3	34.5	34.6	34.7	34.9	35.0
-73.75°	31.4	31.6	31.8	32.0	32.2	32.3	32.5	32.6	32.7	32.8	32.9
-75°	29.5	29.6	29.8	30.0	30.2	30.3	30.5	30.6	30.7	30.8	30.9
-76.25°	27.5	27.7	27.9	28.0	28.2	28.3	28.4	28.5	28.6	28.7	28.8
-77.5°	25.6	25.7	25.9	26.0	26.2	26.3	26.4	26.5	26.6	26.7	26.8



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	23.7	23.8	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.7
-80°	21.5	21.6	21.8	21.9	22.1	22.2	22.3	22.4	22.5	22.6	22.7
-81.25°	19.1	19.2	19.3	19.5	19.6	19.7	19.8	19.9	19.9	20.0	20.1
-82.5°	16.4	16.6	16.7	16.8	16.9	17.1	17.2	17.2	17.3	17.4	17.5
-83.75°	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.4
-85°	10.6	10.7	10.7	10.8	10.9	11.0	11.0	11.1	11.2	11.2	11.3
-86.25°	7.7	7.7	7.8	7.9	7.9	8.0	8.0	8.1	8.1	8.2	8.2
-87.5°	4.8	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1
-88.75°	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
-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):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
86.25°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
85°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
83.75°	14.4	14.5	14.5	14.5	14.5	14.5	14.6	14.5	14.5	14.5	14.5
82.5°	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6
81.25°	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.2
80°	22.7	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.8
78.75°	24.8	24.8	24.9	24.9	24.9	24.9	25.0	24.9	24.9	24.9	24.9
77.5°	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.9
76.25°	28.9	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.0	29.0
75°	31.0	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.1	31.1
73.75°	33.0	33.1	33.1	33.2	33.2	33.2	33.3	33.2	33.2	33.2	33.1
72.5°	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.2	35.2
71.25°	38.9	39.1	39.2	39.3	39.4	39.4	39.5	39.4	39.4	39.3	39.2
70°	43.0	43.2	43.3	43.5	43.5	43.6	43.6	43.6	43.5	43.5	43.3
68.75°	46.7	46.9	47.0	47.1	47.2	47.2	47.3	47.2	47.2	47.1	47.0
67.5°	50.3	50.5	50.6	50.8	50.8	50.9	50.9	50.9	50.8	50.8	50.6
66.25°	54.8	55.0	55.2	55.4	55.5	55.6	55.6	55.6	55.5	55.4	55.2
65°	59.4	59.7	59.9	60.1	60.2	60.3	60.3	60.3	60.2	60.1	59.9
63.75°	63.2	63.4	63.6	63.7	63.8	63.9	63.9	63.9	63.8	63.7	63.6
62.5°	66.8	67.0	67.2	67.3	67.4	67.5	67.5	67.5	67.4	67.3	67.2
61.25°	70.0	70.2	70.3	70.5	70.6	70.6	70.7	70.6	70.6	70.5	70.3
60°	73.1	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.7	73.6	73.5
58.75°	75.4	75.5	75.6	75.7	75.8	75.8	75.9	75.8	75.8	75.7	75.6
57.5°	77.4	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.8	77.8	77.7
56.25°	79.8	80.0	80.2	80.3	80.4	80.5	80.5	80.5	80.4	80.3	80.2
55°	82.4	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.0	82.9	82.8
53.75°	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.1	85.0	84.9
52.5°	86.7	86.9	87.0	87.1	87.2	87.3	87.3	87.3	87.2	87.1	87.0
51.25°	88.7	88.9	89.1	89.2	89.3	89.3	89.4	89.3	89.3	89.2	89.1
50°	90.7	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.3	91.2	91.1
48.75°	94.1	94.6	94.9	95.2	95.4	95.5	95.6	95.5	95.4	95.2	94.9
47.5°	98.2	98.7	99.0	99.3	99.5	99.7	99.7	99.7	99.5	99.3	99.0
46.25°	107.2	108.5	109.7	110.5	111.2	111.5	111.7	111.5	111.2	110.5	109.7
45°	118.9	120.4	121.5	122.4	123.1	123.5	123.6	123.5	123.1	122.4	121.5
43.75°	135.9	138.5	140.6	142.3	143.5	144.2	144.4	144.2	143.5	142.3	140.6
42.5°	156.3	159.0	161.2	163.0	164.2	165.0	165.2	165.0	164.2	163.0	161.2
41.25°	177.3	180.3	182.7	184.6	185.9	186.7	187.0	186.7	185.9	184.6	182.7
40°	198.7	201.8	204.3	206.3	207.7	208.5	208.8	208.5	207.7	206.3	204.3
38.75°	223.2	227.4	230.8	233.4	235.3	236.5	236.9	236.5	235.3	233.4	230.8
37.5°	250.7	255.0	258.5	261.3	263.3	264.5	264.9	264.5	263.3	261.3	258.5
36.25°	278.1	282.6	286.3	289.2	291.3	292.5	293.0	292.5	291.3	289.2	286.3
35°	305.4	310.2	314.0	317.1	319.3	320.6	321.0	320.6	319.3	317.1	314.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	336.9	343.5	349.0	353.3	356.4	358.3	358.9	358.3	356.4	353.3	349.0
32.5°	373.7	380.7	386.5	391.0	394.2	396.2	396.8	396.2	394.2	391.0	386.5
31.25°	412.6	421.0	428.0	433.4	437.3	439.7	440.5	439.7	437.3	433.4	428.0
30°	454.8	463.7	471.0	476.7	480.8	483.3	484.1	483.3	480.8	476.7	471.0
28.75°	499.0	509.8	518.7	526.4	534.3	539.1	540.7	539.1	534.3	526.4	518.7
27.5°	561.5	579.5	598.4	618.8	633.4	642.2	645.1	642.2	633.4	618.8	598.4
26.25°	675.7	711.2	747.1	775.3	795.5	807.7	811.8	807.7	795.5	775.3	747.1
25°	844.1	895.1	937.9	971.4	995.5	1010.0	1014.9	1010.0	995.5	971.4	937.9
23.75°	1043.1	1101.0	1149.0	1186.7	1212.8	1228.4	1233.6	1228.4	1212.8	1186.7	1149.0
22.5°	1249.5	1307.9	1356.3	1391.4	1416.5	1431.6	1436.7	1431.6	1416.5	1391.4	1356.3
21.25°	1440.3	1496.8	1537.0	1565.8	1586.5	1599.0	1603.2	1599.0	1586.5	1565.8	1537.0
20°	1596.5	1639.5	1664.1	1683.6	1697.6	1706.1	1708.9	1706.1	1697.6	1683.6	1664.1
18.75°	1698.0	1726.6	1749.3	1767.2	1780.5	1788.7	1791.5	1788.7	1780.5	1767.2	1749.3
17.5°	1774.8	1805.2	1830.6	1850.8	1865.4	1874.2	1877.2	1874.2	1865.4	1850.8	1830.6
16.25°	1852.9	1885.4	1912.7	1934.4	1950.1	1959.7	1962.9	1959.7	1950.1	1934.4	1912.7
15°	1929.9	1964.8	1993.5	2015.9	2032.3	2042.2	2045.5	2042.2	2032.3	2015.9	1993.5
13.75°	2004.4	2040.3	2074.7	2102.9	2123.6	2136.9	2141.3	2136.9	2123.6	2102.9	2074.7
12.5°	2079.9	2125.0	2165.5	2198.0	2222.1	2236.8	2241.8	2236.8	2222.1	2198.0	2165.5
11.25°	2161.8	2213.5	2258.2	2293.5	2318.1	2333.3	2338.4	2333.3	2318.1	2293.5	2258.2
10°	2243.7	2299.1	2344.5	2379.2	2404.0	2419.4	2424.6	2419.4	2404.0	2379.2	2344.5
8.75°	2319.3	2374.7	2420.0	2452.9	2477.1	2491.0	2495.5	2491.0	2477.1	2452.9	2420.0
7.5°	2384.7	2439.1	2482.5	2514.3	2537.5	2549.4	2553.5	2549.4	2537.5	2514.3	2482.5
6.25°	2439.1	2491.5	2533.8	2561.9	2580.5	2590.1	2593.5	2590.1	2580.5	2561.9	2533.8
5°	2482.5	2533.8	2570.6	2593.5	2605.8	2611.6	2613.7	2611.6	2605.8	2593.5	2570.6
3.75°	2514.3	2561.9	2593.5	2609.6	2616.8	2619.9	2619.9	2619.9	2616.8	2609.6	2593.5
2.5°	2537.5	2580.5	2605.8	2616.8	2619.9	2619.1	2617.9	2619.1	2619.9	2616.8	2605.8
1.25°	2549.4	2590.1	2611.6	2619.9	2619.1	2616.3	2617.4	2616.3	2619.1	2619.9	2611.6
0°	2553.5	2593.5	2613.7	2619.9	2617.9	2617.4	2625.1	2617.4	2617.9	2619.9	2613.7
-1.25°	2549.4	2590.1	2611.6	2619.9	2619.1	2616.3	2617.4	2616.3	2619.1	2619.9	2611.6
-2.5°	2537.5	2580.5	2605.8	2616.8	2619.9	2619.1	2617.9	2619.1	2619.9	2616.8	2605.8
-3.75°	2514.3	2561.9	2593.5	2609.6	2616.8	2619.9	2619.9	2619.9	2616.8	2609.6	2593.5
-5°	2482.5	2533.8	2570.6	2593.5	2605.8	2611.6	2613.7	2611.6	2605.8	2593.5	2570.6
-6.25°	2439.1	2491.5	2533.8	2561.9	2580.5	2590.1	2593.5	2590.1	2580.5	2561.9	2533.8
-7.5°	2384.7	2439.1	2482.5	2514.3	2537.5	2549.4	2553.5	2549.4	2537.5	2514.3	2482.5
-8.75°	2319.3	2374.7	2420.0	2452.9	2477.1	2491.0	2495.5	2491.0	2477.1	2452.9	2420.0
-10°	2243.7	2299.1	2344.5	2379.2	2404.0	2419.4	2424.6	2419.4	2404.0	2379.2	2344.5
-11.25°	2161.8	2213.5	2258.2	2293.5	2318.1	2333.3	2338.4	2333.3	2318.1	2293.5	2258.2
-12.5°	2079.9	2125.0	2165.5	2198.0	2222.1	2236.8	2241.8	2236.8	2222.1	2198.0	2165.5
-13.75°	2004.4	2040.3	2074.7	2102.9	2123.6	2136.9	2141.3	2136.9	2123.6	2102.9	2074.7
-15°	1929.9	1964.8	1993.5	2015.9	2032.3	2042.2	2045.5	2042.2	2032.3	2015.9	1993.5
-16.25°	1852.9	1885.4	1912.7	1934.4	1950.1	1959.7	1962.9	1959.7	1950.1	1934.4	1912.7
-17.5°	1774.8	1805.2	1830.6	1850.8	1865.4	1874.2	1877.2	1874.2	1865.4	1850.8	1830.6
-18.75°	1698.0	1726.6	1749.3	1767.2	1780.5	1788.7	1791.5	1788.7	1780.5	1767.2	1749.3
-20°	1596.5	1639.5	1664.1	1683.6	1697.6	1706.1	1708.9	1706.1	1697.6	1683.6	1664.1
-21.25°	1440.3	1496.8	1537.0	1565.8	1586.5	1599.0	1603.2	1599.0	1586.5	1565.8	1537.0



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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°
-22.5°	1249.5	1307.9	1356.3	1391.4	1416.5	1431.6	1436.7	1431.6	1416.5	1391.4	1356.3
-23.75°	1043.1	1101.0	1149.0	1186.7	1212.8	1228.4	1233.6	1228.4	1212.8	1186.7	1149.0
-25°	844.1	895.1	937.9	971.4	995.5	1010.0	1014.9	1010.0	995.5	971.4	937.9
-26.25°	675.7	711.2	747.1	775.3	795.5	807.7	811.8	807.7	795.5	775.3	747.1
-27.5°	561.5	579.5	598.4	618.8	633.4	642.2	645.1	642.2	633.4	618.8	598.4
-28.75°	499.0	509.8	518.7	526.4	534.3	539.1	540.7	539.1	534.3	526.4	518.7
-30°	454.8	463.7	471.0	476.7	480.8	483.3	484.1	483.3	480.8	476.7	471.0
-31.25°	412.6	421.0	428.0	433.4	437.3	439.7	440.5	439.7	437.3	433.4	428.0
-32.5°	373.7	380.7	386.5	391.0	394.2	396.2	396.8	396.2	394.2	391.0	386.5
-33.75°	336.9	343.5	349.0	353.3	356.4	358.3	358.9	358.3	356.4	353.3	349.0
-35°	305.4	310.2	314.0	317.1	319.3	320.6	321.0	320.6	319.3	317.1	314.0
-36.25°	278.1	282.6	286.3	289.2	291.3	292.5	293.0	292.5	291.3	289.2	286.3
-37.5°	250.7	255.0	258.5	261.3	263.3	264.5	264.9	264.5	263.3	261.3	258.5
-38.75°	223.2	227.4	230.8	233.4	235.3	236.5	236.9	236.5	235.3	233.4	230.8
-40°	198.7	201.8	204.3	206.3	207.7	208.5	208.8	208.5	207.7	206.3	204.3
-41.25°	177.3	180.3	182.7	184.6	185.9	186.7	187.0	186.7	185.9	184.6	182.7
-42.5°	156.3	159.0	161.2	163.0	164.2	165.0	165.2	165.0	164.2	163.0	161.2
-43.75°	135.9	138.5	140.6	142.3	143.5	144.2	144.4	144.2	143.5	142.3	140.6
-45°	118.9	120.4	121.5	122.4	123.1	123.5	123.6	123.5	123.1	122.4	121.5
-46.25°	107.2	108.5	109.7	110.5	111.2	111.5	111.7	111.5	111.2	110.5	109.7
-47.5°	98.2	98.7	99.0	99.3	99.5	99.7	99.7	99.7	99.5	99.3	99.0
-48.75°	94.1	94.6	94.9	95.2	95.4	95.5	95.6	95.5	95.4	95.2	94.9
-50°	90.7	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.3	91.2	91.1
-51.25°	88.7	88.9	89.1	89.2	89.3	89.3	89.4	89.3	89.3	89.2	89.1
-52.5°	86.7	86.9	87.0	87.1	87.2	87.3	87.3	87.3	87.2	87.1	87.0
-53.75°	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.1	85.0	84.9
-55°	82.4	82.6	82.8	82.9	83.0	83.1	83.1	83.1	83.0	82.9	82.8
-56.25°	79.8	80.0	80.2	80.3	80.4	80.5	80.5	80.5	80.4	80.3	80.2
-57.5°	77.4	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.8	77.8	77.7
-58.75°	75.4	75.5	75.6	75.7	75.8	75.8	75.9	75.8	75.8	75.7	75.6
-60°	73.1	73.3	73.5	73.6	73.7	73.8	73.8	73.8	73.7	73.6	73.5
-61.25°	70.0	70.2	70.3	70.5	70.6	70.6	70.7	70.6	70.6	70.5	70.3
-62.5°	66.8	67.0	67.2	67.3	67.4	67.5	67.5	67.5	67.4	67.3	67.2
-63.75°	63.2	63.4	63.6	63.7	63.8	63.9	63.9	63.9	63.8	63.7	63.6
-65°	59.4	59.7	59.9	60.1	60.2	60.3	60.3	60.3	60.2	60.1	59.9
-66.25°	54.8	55.0	55.2	55.4	55.5	55.6	55.6	55.6	55.5	55.4	55.2
-67.5°	50.3	50.5	50.6	50.8	50.8	50.9	50.9	50.9	50.8	50.8	50.6
-68.75°	46.7	46.9	47.0	47.1	47.2	47.2	47.3	47.2	47.2	47.1	47.0
-70°	43.0	43.2	43.3	43.5	43.5	43.6	43.6	43.6	43.5	43.5	43.3
-71.25°	38.9	39.1	39.2	39.3	39.4	39.4	39.5	39.4	39.4	39.3	39.2
-72.5°	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.2	35.2
-73.75°	33.0	33.1	33.1	33.2	33.2	33.2	33.3	33.2	33.2	33.2	33.1
-75°	31.0	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.1	31.1
-76.25°	28.9	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.0	29.0
-77.5°	26.8	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.9



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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°	24.8	24.8	24.9	24.9	24.9	24.9	25.0	24.9	24.9	24.9	24.9
-80°	22.7	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.8
-81.25°	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.2
-82.5°	17.5	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6
-83.75°	14.4	14.5	14.5	14.5	14.5	14.5	14.6	14.5	14.5	14.5	14.5
-85°	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
-86.25°	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
-87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
-88.75°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
-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°	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5
87.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
86.25°	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
85°	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
83.75°	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.0	13.9	13.8	13.7
82.5°	17.6	17.5	17.5	17.4	17.3	17.2	17.2	17.1	16.9	16.8	16.7
81.25°	20.2	20.1	20.1	20.0	19.9	19.9	19.8	19.7	19.6	19.5	19.3
80°	22.8	22.7	22.7	22.6	22.5	22.4	22.3	22.2	22.1	21.9	21.8
78.75°	24.8	24.8	24.7	24.7	24.6	24.5	24.4	24.3	24.2	24.1	24.0
77.5°	26.9	26.8	26.8	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9
76.25°	29.0	28.9	28.8	28.7	28.6	28.5	28.4	28.3	28.2	28.0	27.9
75°	31.0	31.0	30.9	30.8	30.7	30.6	30.5	30.3	30.2	30.0	29.8
73.75°	33.1	33.0	32.9	32.8	32.7	32.6	32.5	32.3	32.2	32.0	31.8
72.5°	35.1	35.0	35.0	34.9	34.7	34.6	34.5	34.3	34.1	33.9	33.7
71.25°	39.1	38.9	38.7	38.5	38.2	37.9	37.6	37.3	36.9	36.5	36.0
70°	43.2	43.0	42.8	42.5	42.3	42.0	41.6	41.2	40.8	40.4	39.9
68.75°	46.9	46.7	46.5	46.3	46.0	45.7	45.4	45.0	44.7	44.2	43.8
67.5°	50.5	50.3	50.1	49.8	49.6	49.3	48.9	48.5	48.1	47.7	47.2
66.25°	55.0	54.8	54.5	54.2	53.8	53.4	52.9	52.4	51.8	51.2	50.7
65°	59.7	59.4	59.1	58.8	58.4	57.9	57.4	56.9	56.3	55.7	55.0
63.75°	63.4	63.2	63.0	62.7	62.3	62.0	61.6	61.1	60.7	60.1	59.4
62.5°	67.0	66.8	66.5	66.2	65.9	65.5	65.0	64.6	64.1	63.5	63.0
61.25°	70.2	70.0	69.7	69.4	69.1	68.8	68.4	68.0	67.5	66.9	66.3
60°	73.3	73.1	72.8	72.5	72.2	71.8	71.4	71.0	70.5	70.0	69.4
58.75°	75.5	75.4	75.2	75.0	74.8	74.5	74.2	73.9	73.5	72.9	72.3
57.5°	77.5	77.4	77.2	77.0	76.8	76.5	76.2	75.9	75.5	75.2	74.8
56.25°	80.0	79.8	79.6	79.3	79.0	78.6	78.2	77.8	77.5	77.1	76.7
55°	82.6	82.4	82.1	81.8	81.5	81.1	80.7	80.3	79.8	79.3	78.7
53.75°	84.8	84.6	84.4	84.1	83.9	83.5	83.2	82.7	82.2	81.7	81.1
52.5°	86.9	86.7	86.4	86.2	85.9	85.6	85.2	84.8	84.4	83.9	83.4
51.25°	88.9	88.7	88.5	88.2	87.9	87.6	87.2	86.8	86.4	85.9	85.4
50°	90.9	90.7	90.5	90.2	89.9	89.5	89.2	88.7	88.3	87.8	87.3
48.75°	94.6	94.1	93.6	93.0	92.4	91.6	91.1	90.7	90.2	89.7	89.2
47.5°	98.7	98.2	97.7	97.1	96.4	95.6	94.8	93.8	92.8	91.8	91.0
46.25°	108.5	107.2	105.6	103.7	101.7	99.6	98.7	97.7	96.7	95.6	94.4
45°	120.4	118.9	117.3	115.3	113.2	110.8	108.1	105.2	102.1	99.4	98.2
43.75°	138.5	135.9	132.9	129.4	125.5	122.2	119.4	116.4	113.2	109.7	106.0
42.5°	159.0	156.3	153.2	149.5	145.4	140.9	135.9	130.4	124.6	120.5	116.7
41.25°	180.3	177.3	173.8	169.9	165.4	160.6	155.4	149.7	143.6	137.1	130.1
40°	201.8	198.7	195.1	190.9	186.2	181.0	175.3	169.1	162.6	155.8	148.6
38.75°	227.4	223.2	218.4	212.8	207.0	201.6	195.7	189.2	182.3	174.9	167.0
37.5°	255.0	250.7	245.6	239.8	233.2	225.9	218.0	209.4	202.0	194.3	186.1
36.25°	282.6	278.1	272.8	266.7	259.8	252.3	244.0	235.0	225.3	215.0	205.1
35°	310.2	305.4	299.9	293.5	286.4	278.5	269.8	260.4	250.4	239.6	228.2



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	343.5	336.9	329.0	320.3	312.8	304.6	295.6	285.8	275.3	264.1	252.3
32.5°	380.7	373.7	365.5	356.1	345.6	333.9	321.2	311.0	300.1	288.4	276.1
31.25°	421.0	412.6	402.7	392.1	381.0	368.9	355.6	341.2	325.9	312.5	299.7
30°	463.7	454.8	444.4	432.6	419.3	404.7	389.8	374.8	358.8	341.7	323.8
28.75°	509.8	499.0	486.4	473.7	459.8	444.4	427.7	409.8	391.3	373.6	354.9
27.5°	579.5	561.5	540.4	519.4	502.5	483.9	466.5	447.7	427.6	406.4	385.7
26.25°	711.2	675.7	637.1	593.1	563.2	532.2	508.2	485.4	464.3	442.2	418.9
25°	895.1	844.1	790.6	729.8	671.4	614.8	568.6	530.7	503.1	477.5	453.2
23.75°	1101.0	1043.1	977.9	905.8	828.1	750.0	674.0	605.1	556.2	516.6	487.4
22.5°	1307.9	1249.5	1181.1	1100.3	1010.8	918.4	822.0	727.2	644.5	574.7	526.3
21.25°	1496.8	1440.3	1374.6	1294.8	1204.7	1102.1	992.2	880.4	771.9	671.1	585.8
20°	1639.5	1596.5	1542.5	1472.3	1385.4	1284.3	1172.1	1047.7	922.2	799.0	684.5
18.75°	1726.6	1698.0	1661.6	1613.4	1542.1	1450.6	1342.3	1218.1	1082.2	943.3	808.1
17.5°	1805.2	1774.8	1741.3	1703.0	1655.2	1586.3	1494.9	1376.0	1240.9	1093.8	943.3
16.25°	1885.4	1852.9	1815.5	1773.7	1730.0	1678.7	1613.2	1516.4	1386.8	1240.9	1082.2
15°	1964.8	1929.9	1889.9	1845.4	1796.8	1746.0	1690.6	1622.3	1516.4	1376.0	1218.1
13.75°	2040.3	2004.4	1962.7	1915.3	1863.7	1808.5	1751.3	1690.6	1613.2	1494.9	1342.3
12.5°	2125.0	2079.9	2031.2	1982.8	1928.2	1869.9	1808.5	1746.0	1678.7	1586.3	1450.6
11.25°	2213.5	2161.8	2104.8	2044.9	1989.3	1928.2	1863.7	1796.8	1730.0	1655.2	1542.1
10°	2299.1	2243.7	2180.6	2113.3	2044.9	1982.8	1915.3	1845.4	1773.7	1703.0	1613.4
8.75°	2374.7	2319.3	2253.9	2180.6	2104.8	2031.2	1962.7	1889.9	1815.5	1741.3	1661.6
7.5°	2439.1	2384.7	2319.3	2243.7	2161.8	2079.9	2004.4	1929.9	1852.9	1774.8	1698.0
6.25°	2491.5	2439.1	2374.7	2299.1	2213.5	2125.0	2040.3	1964.8	1885.4	1805.2	1726.6
5°	2533.8	2482.5	2420.0	2344.5	2258.2	2165.5	2074.7	1993.5	1912.7	1830.6	1749.3
3.75°	2561.9	2514.3	2452.9	2379.2	2293.5	2198.0	2102.9	2015.9	1934.4	1850.8	1767.2
2.5°	2580.5	2537.5	2477.1	2404.0	2318.1	2222.1	2123.6	2032.3	1950.1	1865.4	1780.5
1.25°	2590.1	2549.4	2491.0	2419.4	2333.3	2236.8	2136.9	2042.2	1959.7	1874.2	1788.7
0°	2593.5	2553.5	2495.5	2424.6	2338.4	2241.8	2141.3	2045.5	1962.9	1877.2	1791.5
-1.25°	2590.1	2549.4	2491.0	2419.4	2333.3	2236.8	2136.9	2042.2	1959.7	1874.2	1788.7
-2.5°	2580.5	2537.5	2477.1	2404.0	2318.1	2222.1	2123.6	2032.3	1950.1	1865.4	1780.5
-3.75°	2561.9	2514.3	2452.9	2379.2	2293.5	2198.0	2102.9	2015.9	1934.4	1850.8	1767.2
-5°	2533.8	2482.5	2420.0	2344.5	2258.2	2165.5	2074.7	1993.5	1912.7	1830.6	1749.3
-6.25°	2491.5	2439.1	2374.7	2299.1	2213.5	2125.0	2040.3	1964.8	1885.4	1805.2	1726.6
-7.5°	2439.1	2384.7	2319.3	2243.7	2161.8	2079.9	2004.4	1929.9	1852.9	1774.8	1698.0
-8.75°	2374.7	2319.3	2253.9	2180.6	2104.8	2031.2	1962.7	1889.9	1815.5	1741.3	1661.6
-10°	2299.1	2243.7	2180.6	2113.3	2044.9	1982.8	1915.3	1845.4	1773.7	1703.0	1613.4
-11.25°	2213.5	2161.8	2104.8	2044.9	1989.3	1928.2	1863.7	1796.8	1730.0	1655.2	1542.1
-12.5°	2125.0	2079.9	2031.2	1982.8	1928.2	1869.9	1808.5	1746.0	1678.7	1586.3	1450.6
-13.75°	2040.3	2004.4	1962.7	1915.3	1863.7	1808.5	1751.3	1690.6	1613.2	1494.9	1342.3
-15°	1964.8	1929.9	1889.9	1845.4	1796.8	1746.0	1690.6	1622.3	1516.4	1376.0	1218.1
-16.25°	1885.4	1852.9	1815.5	1773.7	1730.0	1678.7	1613.2	1516.4	1386.8	1240.9	1082.2
-17.5°	1805.2	1774.8	1741.3	1703.0	1655.2	1586.3	1494.9	1376.0	1240.9	1093.8	943.3
-18.75°	1726.6	1698.0	1661.6	1613.4	1542.1	1450.6	1342.3	1218.1	1082.2	943.3	808.1
-20°	1639.5	1596.5	1542.5	1472.3	1385.4	1284.3	1172.1	1047.7	922.2	799.0	684.5
-21.25°	1496.8	1440.3	1374.6	1294.8	1204.7	1102.1	992.2	880.4	771.9	671.1	585.8



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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1307.9	1249.5	1181.1	1100.3	1010.8	918.4	822.0	727.2	644.5	574.7	526.3
-23.75°	1101.0	1043.1	977.9	905.8	828.1	750.0	674.0	605.1	556.2	516.6	487.4
-25°	895.1	844.1	790.6	729.8	671.4	614.8	568.6	530.7	503.1	477.5	453.2
-26.25°	711.2	675.7	637.1	593.1	563.2	532.2	508.2	485.4	464.3	442.2	418.9
-27.5°	579.5	561.5	540.4	519.4	502.5	483.9	466.5	447.7	427.6	406.4	385.7
-28.75°	509.8	499.0	486.4	473.7	459.8	444.4	427.7	409.8	391.3	373.6	354.9
-30°	463.7	454.8	444.4	432.6	419.3	404.7	389.8	374.8	358.8	341.7	323.8
-31.25°	421.0	412.6	402.7	392.1	381.0	368.9	355.6	341.2	325.9	312.5	299.7
-32.5°	380.7	373.7	365.5	356.1	345.6	333.9	321.2	311.0	300.1	288.4	276.1
-33.75°	343.5	336.9	329.0	320.3	312.8	304.6	295.6	285.8	275.3	264.1	252.3
-35°	310.2	305.4	299.9	293.5	286.4	278.5	269.8	260.4	250.4	239.6	228.2
-36.25°	282.6	278.1	272.8	266.7	259.8	252.3	244.0	235.0	225.3	215.0	205.1
-37.5°	255.0	250.7	245.6	239.8	233.2	225.9	218.0	209.4	202.0	194.3	186.1
-38.75°	227.4	223.2	218.4	212.8	207.0	201.6	195.7	189.2	182.3	174.9	167.0
-40°	201.8	198.7	195.1	190.9	186.2	181.0	175.3	169.1	162.6	155.8	148.6
-41.25°	180.3	177.3	173.8	169.9	165.4	160.6	155.4	149.7	143.6	137.1	130.1
-42.5°	159.0	156.3	153.2	149.5	145.4	140.9	135.9	130.4	124.6	120.5	116.7
-43.75°	138.5	135.9	132.9	129.4	125.5	122.2	119.4	116.4	113.2	109.7	106.0
-45°	120.4	118.9	117.3	115.3	113.2	110.8	108.1	105.2	102.1	99.4	98.2
-46.25°	108.5	107.2	105.6	103.7	101.7	99.6	98.7	97.7	96.7	95.6	94.4
-47.5°	98.7	98.2	97.7	97.1	96.4	95.6	94.8	93.8	92.8	91.8	91.0
-48.75°	94.6	94.1	93.6	93.0	92.4	91.6	91.1	90.7	90.2	89.7	89.2
-50°	90.9	90.7	90.5	90.2	89.9	89.5	89.2	88.7	88.3	87.8	87.3
-51.25°	88.9	88.7	88.5	88.2	87.9	87.6	87.2	86.8	86.4	85.9	85.4
-52.5°	86.9	86.7	86.4	86.2	85.9	85.6	85.2	84.8	84.4	83.9	83.4
-53.75°	84.8	84.6	84.4	84.1	83.9	83.5	83.2	82.7	82.2	81.7	81.1
-55°	82.6	82.4	82.1	81.8	81.5	81.1	80.7	80.3	79.8	79.3	78.7
-56.25°	80.0	79.8	79.6	79.3	79.0	78.6	78.2	77.8	77.5	77.1	76.7
-57.5°	77.5	77.4	77.2	77.0	76.8	76.5	76.2	75.9	75.5	75.2	74.8
-58.75°	75.5	75.4	75.2	75.0	74.8	74.5	74.2	73.9	73.5	72.9	72.3
-60°	73.3	73.1	72.8	72.5	72.2	71.8	71.4	71.0	70.5	70.0	69.4
-61.25°	70.2	70.0	69.7	69.4	69.1	68.8	68.4	68.0	67.5	66.9	66.3
-62.5°	67.0	66.8	66.5	66.2	65.9	65.5	65.0	64.6	64.1	63.5	63.0
-63.75°	63.4	63.2	63.0	62.7	62.3	62.0	61.6	61.1	60.7	60.1	59.4
-65°	59.7	59.4	59.1	58.8	58.4	57.9	57.4	56.9	56.3	55.7	55.0
-66.25°	55.0	54.8	54.5	54.2	53.8	53.4	52.9	52.4	51.8	51.2	50.7
-67.5°	50.5	50.3	50.1	49.8	49.6	49.3	48.9	48.5	48.1	47.7	47.2
-68.75°	46.9	46.7	46.5	46.3	46.0	45.7	45.4	45.0	44.7	44.2	43.8
-70°	43.2	43.0	42.8	42.5	42.3	42.0	41.6	41.2	40.8	40.4	39.9
-71.25°	39.1	38.9	38.7	38.5	38.2	37.9	37.6	37.3	36.9	36.5	36.0
-72.5°	35.1	35.0	35.0	34.9	34.7	34.6	34.5	34.3	34.1	33.9	33.7
-73.75°	33.1	33.0	32.9	32.8	32.7	32.6	32.5	32.3	32.2	32.0	31.8
-75°	31.0	31.0	30.9	30.8	30.7	30.6	30.5	30.3	30.2	30.0	29.8
-76.25°	29.0	28.9	28.8	28.7	28.6	28.5	28.4	28.3	28.2	28.0	27.9
-77.5°	26.9	26.8	26.8	26.7	26.6	26.5	26.4	26.3	26.2	26.0	25.9



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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°	24.8	24.8	24.7	24.7	24.6	24.5	24.4	24.3	24.2	24.1	24.0
-80°	22.8	22.7	22.7	22.6	22.5	22.4	22.3	22.2	22.1	21.9	21.8
-81.25°	20.2	20.1	20.1	20.0	19.9	19.9	19.8	19.7	19.6	19.5	19.3
-82.5°	17.6	17.5	17.5	17.4	17.3	17.2	17.2	17.1	16.9	16.8	16.7
-83.75°	14.5	14.4	14.4	14.3	14.2	14.2	14.1	14.0	13.9	13.8	13.7
-85°	11.3	11.3	11.3	11.2	11.2	11.1	11.0	11.0	10.9	10.8	10.7
-86.25°	8.2	8.2	8.2	8.2	8.1	8.1	8.0	8.0	7.9	7.9	7.8
-87.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9
-88.75°	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5
-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: P220496 (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°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2
87.5°	4.9	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4	4.4
86.25°	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.2	7.1	6.9	6.8
85°	10.7	10.6	10.5	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.5
83.75°	13.6	13.5	13.3	13.2	13.1	12.9	12.8	12.6	12.4	12.3	12.1
82.5°	16.6	16.4	16.3	16.1	15.9	15.7	15.6	15.4	15.2	14.9	14.7
81.25°	19.2	19.1	18.9	18.7	18.6	18.4	18.2	18.0	17.8	17.6	17.4
80°	21.6	21.5	21.3	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.6
78.75°	23.8	23.7	23.5	23.4	23.2	23.0	22.8	22.6	22.3	22.1	21.8
77.5°	25.7	25.6	25.4	25.2	25.1	24.9	24.7	24.4	24.2	24.0	23.7
76.25°	27.7	27.5	27.3	27.1	26.9	26.7	26.5	26.2	26.0	25.7	25.5
75°	29.6	29.5	29.2	29.0	28.8	28.5	28.3	28.0	27.8	27.5	27.2
73.75°	31.6	31.4	31.2	30.9	30.7	30.4	30.1	29.9	29.6	29.3	28.9
72.5°	33.5	33.3	33.1	32.8	32.5	32.3	32.0	31.7	31.4	31.0	30.7
71.25°	35.6	35.2	34.9	34.7	34.4	34.1	33.8	33.4	33.1	32.8	32.4
70°	39.4	38.9	38.4	37.8	37.2	36.5	35.8	35.2	34.9	34.5	34.1
68.75°	43.3	42.7	42.2	41.5	40.9	40.2	39.5	38.7	37.9	37.1	36.3
67.5°	46.7	46.2	45.7	45.1	44.5	43.8	43.1	42.3	41.5	40.6	39.7
66.25°	50.1	49.6	49.0	48.4	47.7	47.0	46.3	45.6	44.8	44.0	43.1
65°	54.3	53.5	52.7	51.9	51.0	50.2	49.5	48.7	47.9	47.0	46.2
63.75°	58.6	57.8	57.0	56.1	55.2	54.2	53.2	52.1	51.0	50.1	49.2
62.5°	62.4	61.7	61.0	60.3	59.3	58.3	57.2	56.1	54.9	53.7	52.5
61.25°	65.7	65.0	64.3	63.5	62.7	61.9	61.0	60.1	58.9	57.6	56.3
60°	68.8	68.2	67.5	66.7	65.9	65.0	64.1	63.2	62.2	61.2	60.1
58.75°	71.7	71.1	70.4	69.6	68.9	68.1	67.2	66.2	65.2	64.1	63.0
57.5°	74.3	73.9	73.2	72.4	71.6	70.8	69.9	69.0	68.1	67.1	65.9
56.25°	76.2	75.7	75.2	74.7	74.2	73.5	72.6	71.7	70.7	69.7	68.6
55°	78.1	77.6	77.1	76.5	76.0	75.4	74.8	74.1	73.3	72.2	71.1
53.75°	80.5	79.9	79.2	78.5	77.7	77.1	76.5	75.8	75.1	74.4	73.6
52.5°	82.9	82.2	81.5	80.7	79.9	79.1	78.3	77.5	76.8	76.0	75.3
51.25°	84.8	84.3	83.7	83.0	82.2	81.3	80.4	79.5	78.6	77.7	76.9
50°	86.7	86.1	85.5	84.8	84.2	83.4	82.6	81.6	80.7	79.6	78.6
48.75°	88.6	88.0	87.3	86.7	85.9	85.2	84.4	83.6	82.7	81.7	80.6
47.5°	90.4	89.8	89.1	88.4	87.7	87.0	86.2	85.3	84.5	83.6	82.5
46.25°	93.2	91.8	90.9	90.2	89.4	88.7	87.8	87.0	86.1	85.2	84.2
45°	96.8	95.5	94.0	92.5	91.2	90.3	89.5	88.6	87.7	86.8	85.8
43.75°	102.1	99.1	97.6	96.0	94.4	92.7	91.1	90.2	89.3	88.3	87.4
42.5°	112.6	108.3	103.8	99.5	97.8	96.0	94.2	92.3	90.9	89.9	88.9
41.25°	123.1	118.7	114.0	109.1	104.0	99.4	97.5	95.5	93.5	91.4	90.3
40°	140.9	132.9	124.4	119.0	113.7	108.3	102.6	98.7	96.6	94.4	92.2
38.75°	159.0	150.6	141.9	132.7	123.4	117.7	111.8	105.8	99.7	97.4	95.1
37.5°	177.5	168.4	159.1	149.7	139.8	129.6	121.0	114.7	108.3	101.7	98.0
36.25°	196.1	186.7	176.8	166.5	156.2	145.7	134.7	123.5	116.9	110.1	103.1
35°	216.2	204.8	194.5	183.9	172.8	161.5	150.3	138.6	126.7	118.4	111.2

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

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	239.8	226.7	213.1	201.1	189.6	177.8	165.6	153.6	141.2	128.6	119.1
32.5°	263.2	249.6	235.4	220.7	206.2	194.0	181.3	168.4	155.5	142.6	129.3
31.25°	286.3	272.2	257.5	242.3	226.5	210.2	196.9	183.5	169.8	156.2	142.6
30°	309.1	294.5	279.3	263.5	247.2	230.4	213.1	198.3	184.2	169.8	155.5
28.75°	335.3	316.4	300.7	284.4	267.5	250.1	232.3	214.0	198.3	183.5	168.4
27.5°	365.3	344.1	322.0	304.9	287.4	269.5	251.1	232.3	213.1	196.9	181.3
26.25°	394.8	372.8	350.0	326.4	307.0	288.5	269.5	250.1	230.4	210.2	194.0
25°	427.9	401.6	377.3	352.9	327.8	307.0	287.4	267.5	247.2	226.5	206.2
23.75°	460.7	433.4	405.2	378.9	352.9	326.4	304.9	284.4	263.5	242.3	220.7
22.5°	494.1	464.4	435.2	405.2	377.3	350.0	322.0	300.7	279.3	257.5	235.4
21.25°	533.6	496.3	464.4	433.4	401.6	372.8	344.1	316.4	294.5	272.2	249.6
20°	590.0	533.6	494.1	460.7	427.9	394.8	365.3	335.3	309.1	286.3	263.2
18.75°	684.5	585.8	526.3	487.4	453.2	418.9	385.7	354.9	323.8	299.7	276.1
17.5°	799.0	671.1	574.7	516.6	477.5	442.2	406.4	373.6	341.7	312.5	288.4
16.25°	922.2	771.9	644.5	556.2	503.1	464.3	427.6	391.3	358.8	325.9	300.1
15°	1047.7	880.4	727.2	605.1	530.7	485.4	447.7	409.8	374.8	341.2	311.0
13.75°	1172.1	992.2	822.0	674.0	568.6	508.2	466.5	427.7	389.8	355.6	321.2
12.5°	1284.3	1102.1	918.4	750.0	614.8	532.2	483.9	444.4	404.7	368.9	333.9
11.25°	1385.4	1204.7	1010.8	828.1	671.4	563.2	502.5	459.8	419.3	381.0	345.6
10°	1472.3	1294.8	1100.3	905.8	729.8	593.1	519.4	473.7	432.6	392.1	356.1
8.75°	1542.5	1374.6	1181.1	977.9	790.6	637.1	540.4	486.4	444.4	402.7	365.5
7.5°	1596.5	1440.3	1249.5	1043.1	844.1	675.7	561.5	499.0	454.8	412.6	373.7
6.25°	1639.5	1496.8	1307.9	1101.0	895.1	711.2	579.5	509.8	463.7	421.0	380.7
5°	1664.1	1537.0	1356.3	1149.0	937.9	747.1	598.4	518.7	471.0	428.0	386.5
3.75°	1683.6	1565.8	1391.4	1186.7	971.4	775.3	618.8	526.4	476.7	433.4	391.0
2.5°	1697.6	1586.5	1416.5	1212.8	995.5	795.5	633.4	534.3	480.8	437.3	394.2
1.25°	1706.1	1599.0	1431.6	1228.4	1010.0	807.7	642.2	539.1	483.3	439.7	396.2
0°	1708.9	1603.2	1436.7	1233.6	1014.9	811.8	645.1	540.7	484.1	440.5	396.8
-1.25°	1706.1	1599.0	1431.6	1228.4	1010.0	807.7	642.2	539.1	483.3	439.7	396.2
-2.5°	1697.6	1586.5	1416.5	1212.8	995.5	795.5	633.4	534.3	480.8	437.3	394.2
-3.75°	1683.6	1565.8	1391.4	1186.7	971.4	775.3	618.8	526.4	476.7	433.4	391.0
-5°	1664.1	1537.0	1356.3	1149.0	937.9	747.1	598.4	518.7	471.0	428.0	386.5
-6.25°	1639.5	1496.8	1307.9	1101.0	895.1	711.2	579.5	509.8	463.7	421.0	380.7
-7.5°	1596.5	1440.3	1249.5	1043.1	844.1	675.7	561.5	499.0	454.8	412.6	373.7
-8.75°	1542.5	1374.6	1181.1	977.9	790.6	637.1	540.4	486.4	444.4	402.7	365.5
-10°	1472.3	1294.8	1100.3	905.8	729.8	593.1	519.4	473.7	432.6	392.1	356.1
-11.25°	1385.4	1204.7	1010.8	828.1	671.4	563.2	502.5	459.8	419.3	381.0	345.6
-12.5°	1284.3	1102.1	918.4	750.0	614.8	532.2	483.9	444.4	404.7	368.9	333.9
-13.75°	1172.1	992.2	822.0	674.0	568.6	508.2	466.5	427.7	389.8	355.6	321.2
-15°	1047.7	880.4	727.2	605.1	530.7	485.4	447.7	409.8	374.8	341.2	311.0
-16.25°	922.2	771.9	644.5	556.2	503.1	464.3	427.6	391.3	358.8	325.9	300.1
-17.5°	799.0	671.1	574.7	516.6	477.5	442.2	406.4	373.6	341.7	312.5	288.4
-18.75°	684.5	585.8	526.3	487.4	453.2	418.9	385.7	354.9	323.8	299.7	276.1
-20°	590.0	533.6	494.1	460.7	427.9	394.8	365.3	335.3	309.1	286.3	263.2
-21.25°	533.6	496.3	464.4	433.4	401.6	372.8	344.1	316.4	294.5	272.2	249.6





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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°	494.1	464.4	435.2	405.2	377.3	350.0	322.0	300.7	279.3	257.5	235.4
-23.75°	460.7	433.4	405.2	378.9	352.9	326.4	304.9	284.4	263.5	242.3	220.7
-25°	427.9	401.6	377.3	352.9	327.8	307.0	287.4	267.5	247.2	226.5	206.2
-26.25°	394.8	372.8	350.0	326.4	307.0	288.5	269.5	250.1	230.4	210.2	194.0
-27.5°	365.3	344.1	322.0	304.9	287.4	269.5	251.1	232.3	213.1	196.9	181.3
-28.75°	335.3	316.4	300.7	284.4	267.5	250.1	232.3	214.0	198.3	183.5	168.4
-30°	309.1	294.5	279.3	263.5	247.2	230.4	213.1	198.3	184.2	169.8	155.5
-31.25°	286.3	272.2	257.5	242.3	226.5	210.2	196.9	183.5	169.8	156.2	142.6
-32.5°	263.2	249.6	235.4	220.7	206.2	194.0	181.3	168.4	155.5	142.6	129.3
-33.75°	239.8	226.7	213.1	201.1	189.6	177.8	165.6	153.6	141.2	128.6	119.1
-35°	216.2	204.8	194.5	183.9	172.8	161.5	150.3	138.6	126.7	118.4	111.2
-36.25°	196.1	186.7	176.8	166.5	156.2	145.7	134.7	123.5	116.9	110.1	103.1
-37.5°	177.5	168.4	159.1	149.7	139.8	129.6	121.0	114.7	108.3	101.7	98.0
-38.75°	159.0	150.6	141.9	132.7	123.4	117.7	111.8	105.8	99.7	97.4	95.1
-40°	140.9	132.9	124.4	119.0	113.7	108.3	102.6	98.7	96.6	94.4	92.2
-41.25°	123.1	118.7	114.0	109.1	104.0	99.4	97.5	95.5	93.5	91.4	90.3
-42.5°	112.6	108.3	103.8	99.5	97.8	96.0	94.2	92.3	90.9	89.9	88.9
-43.75°	102.1	99.1	97.6	96.0	94.4	92.7	91.1	90.2	89.3	88.3	87.4
-45°	96.8	95.5	94.0	92.5	91.2	90.3	89.5	88.6	87.7	86.8	85.8
-46.25°	93.2	91.8	90.9	90.2	89.4	88.7	87.8	87.0	86.1	85.2	84.2
-47.5°	90.4	89.8	89.1	88.4	87.7	87.0	86.2	85.3	84.5	83.6	82.5
-48.75°	88.6	88.0	87.3	86.7	85.9	85.2	84.4	83.6	82.7	81.7	80.6
-50°	86.7	86.1	85.5	84.8	84.2	83.4	82.6	81.6	80.7	79.6	78.6
-51.25°	84.8	84.3	83.7	83.0	82.2	81.3	80.4	79.5	78.6	77.7	76.9
-52.5°	82.9	82.2	81.5	80.7	79.9	79.1	78.3	77.5	76.8	76.0	75.3
-53.75°	80.5	79.9	79.2	78.5	77.7	77.1	76.5	75.8	75.1	74.4	73.6
-55°	78.1	77.6	77.1	76.5	76.0	75.4	74.8	74.1	73.3	72.2	71.1
-56.25°	76.2	75.7	75.2	74.7	74.2	73.5	72.6	71.7	70.7	69.7	68.6
-57.5°	74.3	73.9	73.2	72.4	71.6	70.8	69.9	69.0	68.1	67.1	65.9
-58.75°	71.7	71.1	70.4	69.6	68.9	68.1	67.2	66.2	65.2	64.1	63.0
-60°	68.8	68.2	67.5	66.7	65.9	65.0	64.1	63.2	62.2	61.2	60.1
-61.25°	65.7	65.0	64.3	63.5	62.7	61.9	61.0	60.1	58.9	57.6	56.3
-62.5°	62.4	61.7	61.0	60.3	59.3	58.3	57.2	56.1	54.9	53.7	52.5
-63.75°	58.6	57.8	57.0	56.1	55.2	54.2	53.2	52.1	51.0	50.1	49.2
-65°	54.3	53.5	52.7	51.9	51.0	50.2	49.5	48.7	47.9	47.0	46.2
-66.25°	50.1	49.6	49.0	48.4	47.7	47.0	46.3	45.6	44.8	44.0	43.1
-67.5°	46.7	46.2	45.7	45.1	44.5	43.8	43.1	42.3	41.5	40.6	39.7
-68.75°	43.3	42.7	42.2	41.5	40.9	40.2	39.5	38.7	37.9	37.1	36.3
-70°	39.4	38.9	38.4	37.8	37.2	36.5	35.8	35.2	34.9	34.5	34.1
-71.25°	35.6	35.2	34.9	34.7	34.4	34.1	33.8	33.4	33.1	32.8	32.4
-72.5°	33.5	33.3	33.1	32.8	32.5	32.3	32.0	31.7	31.4	31.0	30.7
-73.75°	31.6	31.4	31.2	30.9	30.7	30.4	30.1	29.9	29.6	29.3	28.9
-75°	29.6	29.5	29.2	29.0	28.8	28.5	28.3	28.0	27.8	27.5	27.2
-76.25°	27.7	27.5	27.3	27.1	26.9	26.7	26.5	26.2	26.0	25.7	25.5
-77.5°	25.7	25.6	25.4	25.2	25.1	24.9	24.7	24.4	24.2	24.0	23.7



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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°	23.8	23.7	23.5	23.4	23.2	23.0	22.8	22.6	22.3	22.1	21.8
-80°	21.6	21.5	21.3	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.6
-81.25°	19.2	19.1	18.9	18.7	18.6	18.4	18.2	18.0	17.8	17.6	17.4
-82.5°	16.6	16.4	16.3	16.1	15.9	15.7	15.6	15.4	15.2	14.9	14.7
-83.75°	13.6	13.5	13.3	13.2	13.1	12.9	12.8	12.6	12.4	12.3	12.1
-85°	10.7	10.6	10.5	10.3	10.2	10.1	10.0	9.9	9.7	9.6	9.5
-86.25°	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.2	7.1	6.9	6.8
-87.5°	4.9	4.8	4.8	4.8	4.7	4.7	4.6	4.6	4.5	4.4	4.4
-88.75°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.2
-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: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8
87.5°	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.6
86.25°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.4
85°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.1	8.0	7.8	7.6
83.75°	11.9	11.7	11.5	11.3	11.1	10.9	10.6	10.4	10.2	9.9	9.7
82.5°	14.5	14.3	14.0	13.8	13.5	13.3	13.0	12.7	12.4	12.1	11.9
81.25°	17.1	16.8	16.6	16.3	16.0	15.7	15.3	15.0	14.7	14.4	14.0
80°	19.4	19.1	18.8	18.6	18.3	18.0	17.7	17.3	17.0	16.6	16.2
78.75°	21.5	21.2	20.9	20.6	20.3	20.0	19.6	19.3	19.0	18.6	18.2
77.5°	23.5	23.2	23.0	22.7	22.3	22.0	21.6	21.2	20.8	20.4	20.0
76.25°	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.7	22.2	21.8
75°	26.9	26.6	26.3	25.9	25.6	25.3	24.9	24.5	24.2	23.8	23.4
73.75°	28.6	28.3	27.9	27.5	27.2	26.8	26.4	26.0	25.6	25.2	24.8
72.5°	30.3	30.0	29.6	29.2	28.8	28.4	28.0	27.5	27.1	26.6	26.2
71.25°	32.0	31.6	31.2	30.8	30.4	29.9	29.5	29.0	28.6	28.1	27.6
70°	33.7	33.3	32.9	32.4	32.0	31.5	31.0	30.5	30.0	29.5	29.0
68.75°	35.4	34.9	34.5	34.0	33.5	33.0	32.5	32.0	31.5	30.9	30.4
67.5°	38.8	37.9	36.9	35.9	35.1	34.6	34.0	33.5	32.9	32.3	31.8
66.25°	42.2	41.2	40.1	39.1	38.0	36.9	35.7	34.9	34.3	33.7	33.1
65°	45.3	44.3	43.4	42.2	41.1	39.9	38.7	37.5	36.2	35.1	34.5
63.75°	48.2	47.2	46.2	45.2	44.1	43.0	41.7	40.4	39.1	37.7	36.3
62.5°	51.2	50.1	49.0	47.9	46.8	45.7	44.5	43.3	41.9	40.5	39.0
61.25°	54.9	53.5	52.1	50.7	49.5	48.3	47.1	45.8	44.6	43.2	41.7
60°	58.7	57.2	55.7	54.2	52.6	51.0	49.7	48.4	47.0	45.7	44.3
58.75°	61.9	60.7	59.3	57.7	56.0	54.3	52.6	50.9	49.5	48.0	46.6
57.5°	64.7	63.5	62.3	61.0	59.4	57.7	55.9	54.0	52.2	50.4	48.9
56.25°	67.5	66.3	65.0	63.6	62.2	60.8	59.1	57.2	55.3	53.3	51.3
55°	70.0	68.8	67.6	66.3	64.8	63.4	61.9	60.3	58.3	56.3	54.2
53.75°	72.4	71.2	70.0	68.7	67.4	65.9	64.3	62.7	61.1	59.2	57.1
52.5°	74.5	73.6	72.3	71.0	69.6	68.2	66.7	65.1	63.4	61.7	59.9
51.25°	76.0	75.2	74.3	73.2	71.8	70.4	68.9	67.4	65.7	64.0	62.2
50°	77.6	76.7	75.8	74.9	73.9	72.5	71.0	69.5	67.9	66.2	64.3
48.75°	79.5	78.3	77.3	76.3	75.3	74.4	73.1	71.5	69.9	68.2	66.4
47.5°	81.4	80.2	79.0	77.8	76.7	75.7	74.7	73.5	71.8	70.1	68.4
46.25°	83.3	82.1	80.8	79.5	78.2	77.1	76.0	74.9	73.7	72.0	70.2
45°	84.8	83.8	82.6	81.3	79.9	78.5	77.3	76.1	75.0	73.8	72.0
43.75°	86.3	85.2	84.2	83.0	81.6	80.2	78.7	77.4	76.2	75.0	73.7
42.5°	87.8	86.7	85.6	84.4	83.3	81.8	80.3	78.8	77.4	76.1	74.9
41.25°	89.3	88.1	87.0	85.8	84.6	83.4	81.9	80.3	78.7	77.3	76.0
40°	90.7	89.5	88.4	87.2	85.9	84.7	83.4	81.8	80.2	78.5	77.1
38.75°	92.8	90.9	89.7	88.5	87.2	85.9	84.6	83.3	81.6	79.9	78.2
37.5°	95.6	93.2	91.0	89.8	88.5	87.2	85.8	84.4	83.0	81.3	79.5
36.25°	98.4	95.9	93.3	91.0	89.7	88.4	87.0	85.6	84.2	82.6	80.8
35°	103.8	98.5	95.9	93.2	90.9	89.5	88.1	86.7	85.2	83.8	82.1

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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°	111.5	103.8	98.4	95.6	92.8	90.7	89.3	87.8	86.3	84.8	83.3
32.5°	119.1	111.2	103.1	98.0	95.1	92.2	90.3	88.9	87.4	85.8	84.2
31.25°	128.6	118.4	110.1	101.7	97.4	94.4	91.4	89.9	88.3	86.8	85.2
30°	141.2	126.7	116.9	108.3	99.7	96.6	93.5	90.9	89.3	87.7	86.1
28.75°	153.6	138.6	123.5	114.7	105.8	98.7	95.5	92.3	90.2	88.6	87.0
27.5°	165.6	150.3	134.7	121.0	111.8	102.6	97.5	94.2	91.1	89.5	87.8
26.25°	177.8	161.5	145.7	129.6	117.7	108.3	99.4	96.0	92.7	90.3	88.7
25°	189.6	172.8	156.2	139.8	123.4	113.7	104.0	97.8	94.4	91.2	89.4
23.75°	201.1	183.9	166.5	149.7	132.7	119.0	109.1	99.5	96.0	92.5	90.2
22.5°	213.1	194.5	176.8	159.1	141.9	124.4	114.0	103.8	97.6	94.0	90.9
21.25°	226.7	204.8	186.7	168.4	150.6	132.9	118.7	108.3	99.1	95.5	91.8
20°	239.8	216.2	196.1	177.5	159.0	140.9	123.1	112.6	102.1	96.8	93.2
18.75°	252.3	228.2	205.1	186.1	167.0	148.6	130.1	116.7	106.0	98.2	94.4
17.5°	264.1	239.6	215.0	194.3	174.9	155.8	137.1	120.5	109.7	99.4	95.6
16.25°	275.3	250.4	225.3	202.0	182.3	162.6	143.6	124.6	113.2	102.1	96.7
15°	285.8	260.4	235.0	209.4	189.2	169.1	149.7	130.4	116.4	105.2	97.7
13.75°	295.6	269.8	244.0	218.0	195.7	175.3	155.4	135.9	119.4	108.1	98.7
12.5°	304.6	278.5	252.3	225.9	201.6	181.0	160.6	140.9	122.2	110.8	99.6
11.25°	312.8	286.4	259.8	233.2	207.0	186.2	165.4	145.4	125.5	113.2	101.7
10°	320.3	293.5	266.7	239.8	212.8	190.9	169.9	149.5	129.4	115.3	103.7
8.75°	329.0	299.9	272.8	245.6	218.4	195.1	173.8	153.2	132.9	117.3	105.6
7.5°	336.9	305.4	278.1	250.7	223.2	198.7	177.3	156.3	135.9	118.9	107.2
6.25°	343.5	310.2	282.6	255.0	227.4	201.8	180.3	159.0	138.5	120.4	108.5
5°	349.0	314.0	286.3	258.5	230.8	204.3	182.7	161.2	140.6	121.5	109.7
3.75°	353.3	317.1	289.2	261.3	233.4	206.3	184.6	163.0	142.3	122.4	110.5
2.5°	356.4	319.3	291.3	263.3	235.3	207.7	185.9	164.2	143.5	123.1	111.2
1.25°	358.3	320.6	292.5	264.5	236.5	208.5	186.7	165.0	144.2	123.5	111.5
0°	358.9	321.0	293.0	264.9	236.9	208.8	187.0	165.2	144.4	123.6	111.7
-1.25°	358.3	320.6	292.5	264.5	236.5	208.5	186.7	165.0	144.2	123.5	111.5
-2.5°	356.4	319.3	291.3	263.3	235.3	207.7	185.9	164.2	143.5	123.1	111.2
-3.75°	353.3	317.1	289.2	261.3	233.4	206.3	184.6	163.0	142.3	122.4	110.5
-5°	349.0	314.0	286.3	258.5	230.8	204.3	182.7	161.2	140.6	121.5	109.7
-6.25°	343.5	310.2	282.6	255.0	227.4	201.8	180.3	159.0	138.5	120.4	108.5
-7.5°	336.9	305.4	278.1	250.7	223.2	198.7	177.3	156.3	135.9	118.9	107.2
-8.75°	329.0	299.9	272.8	245.6	218.4	195.1	173.8	153.2	132.9	117.3	105.6
-10°	320.3	293.5	266.7	239.8	212.8	190.9	169.9	149.5	129.4	115.3	103.7
-11.25°	312.8	286.4	259.8	233.2	207.0	186.2	165.4	145.4	125.5	113.2	101.7
-12.5°	304.6	278.5	252.3	225.9	201.6	181.0	160.6	140.9	122.2	110.8	99.6
-13.75°	295.6	269.8	244.0	218.0	195.7	175.3	155.4	135.9	119.4	108.1	98.7
-15°	285.8	260.4	235.0	209.4	189.2	169.1	149.7	130.4	116.4	105.2	97.7
-16.25°	275.3	250.4	225.3	202.0	182.3	162.6	143.6	124.6	113.2	102.1	96.7
-17.5°	264.1	239.6	215.0	194.3	174.9	155.8	137.1	120.5	109.7	99.4	95.6
-18.75°	252.3	228.2	205.1	186.1	167.0	148.6	130.1	116.7	106.0	98.2	94.4
-20°	239.8	216.2	196.1	177.5	159.0	140.9	123.1	112.6	102.1	96.8	93.2
-21.25°	226.7	204.8	186.7	168.4	150.6	132.9	118.7	108.3	99.1	95.5	91.8



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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°	213.1	194.5	176.8	159.1	141.9	124.4	114.0	103.8	97.6	94.0	90.9
-23.75°	201.1	183.9	166.5	149.7	132.7	119.0	109.1	99.5	96.0	92.5	90.2
-25°	189.6	172.8	156.2	139.8	123.4	113.7	104.0	97.8	94.4	91.2	89.4
-26.25°	177.8	161.5	145.7	129.6	117.7	108.3	99.4	96.0	92.7	90.3	88.7
-27.5°	165.6	150.3	134.7	121.0	111.8	102.6	97.5	94.2	91.1	89.5	87.8
-28.75°	153.6	138.6	123.5	114.7	105.8	98.7	95.5	92.3	90.2	88.6	87.0
-30°	141.2	126.7	116.9	108.3	99.7	96.6	93.5	90.9	89.3	87.7	86.1
-31.25°	128.6	118.4	110.1	101.7	97.4	94.4	91.4	89.9	88.3	86.8	85.2
-32.5°	119.1	111.2	103.1	98.0	95.1	92.2	90.3	88.9	87.4	85.8	84.2
-33.75°	111.5	103.8	98.4	95.6	92.8	90.7	89.3	87.8	86.3	84.8	83.3
-35°	103.8	98.5	95.9	93.2	90.9	89.5	88.1	86.7	85.2	83.8	82.1
-36.25°	98.4	95.9	93.3	91.0	89.7	88.4	87.0	85.6	84.2	82.6	80.8
-37.5°	95.6	93.2	91.0	89.8	88.5	87.2	85.8	84.4	83.0	81.3	79.5
-38.75°	92.8	90.9	89.7	88.5	87.2	85.9	84.6	83.3	81.6	79.9	78.2
-40°	90.7	89.5	88.4	87.2	85.9	84.7	83.4	81.8	80.2	78.5	77.1
-41.25°	89.3	88.1	87.0	85.8	84.6	83.4	81.9	80.3	78.7	77.3	76.0
-42.5°	87.8	86.7	85.6	84.4	83.3	81.8	80.3	78.8	77.4	76.1	74.9
-43.75°	86.3	85.2	84.2	83.0	81.6	80.2	78.7	77.4	76.2	75.0	73.7
-45°	84.8	83.8	82.6	81.3	79.9	78.5	77.3	76.1	75.0	73.8	72.0
-46.25°	83.3	82.1	80.8	79.5	78.2	77.1	76.0	74.9	73.7	72.0	70.2
-47.5°	81.4	80.2	79.0	77.8	76.7	75.7	74.7	73.5	71.8	70.1	68.4
-48.75°	79.5	78.3	77.3	76.3	75.3	74.4	73.1	71.5	69.9	68.2	66.4
-50°	77.6	76.7	75.8	74.9	73.9	72.5	71.0	69.5	67.9	66.2	64.3
-51.25°	76.0	75.2	74.3	73.2	71.8	70.4	68.9	67.4	65.7	64.0	62.2
-52.5°	74.5	73.6	72.3	71.0	69.6	68.2	66.7	65.1	63.4	61.7	59.9
-53.75°	72.4	71.2	70.0	68.7	67.4	65.9	64.3	62.7	61.1	59.2	57.1
-55°	70.0	68.8	67.6	66.3	64.8	63.4	61.9	60.3	58.3	56.3	54.2
-56.25°	67.5	66.3	65.0	63.6	62.2	60.8	59.1	57.2	55.3	53.3	51.3
-57.5°	64.7	63.5	62.3	61.0	59.4	57.7	55.9	54.0	52.2	50.4	48.9
-58.75°	61.9	60.7	59.3	57.7	56.0	54.3	52.6	50.9	49.5	48.0	46.6
-60°	58.7	57.2	55.7	54.2	52.6	51.0	49.7	48.4	47.0	45.7	44.3
-61.25°	54.9	53.5	52.1	50.7	49.5	48.3	47.1	45.8	44.6	43.2	41.7
-62.5°	51.2	50.1	49.0	47.9	46.8	45.7	44.5	43.3	41.9	40.5	39.0
-63.75°	48.2	47.2	46.2	45.2	44.1	43.0	41.7	40.4	39.1	37.7	36.3
-65°	45.3	44.3	43.4	42.2	41.1	39.9	38.7	37.5	36.2	35.1	34.5
-66.25°	42.2	41.2	40.1	39.1	38.0	36.9	35.7	34.9	34.3	33.7	33.1
-67.5°	38.8	37.9	36.9	35.9	35.1	34.6	34.0	33.5	32.9	32.3	31.8
-68.75°	35.4	34.9	34.5	34.0	33.5	33.0	32.5	32.0	31.5	30.9	30.4
-70°	33.7	33.3	32.9	32.4	32.0	31.5	31.0	30.5	30.0	29.5	29.0
-71.25°	32.0	31.6	31.2	30.8	30.4	29.9	29.5	29.0	28.6	28.1	27.6
-72.5°	30.3	30.0	29.6	29.2	28.8	28.4	28.0	27.5	27.1	26.6	26.2
-73.75°	28.6	28.3	27.9	27.5	27.2	26.8	26.4	26.0	25.6	25.2	24.8
-75°	26.9	26.6	26.3	25.9	25.6	25.3	24.9	24.5	24.2	23.8	23.4
-76.25°	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.7	22.2	21.8
-77.5°	23.5	23.2	23.0	22.7	22.3	22.0	21.6	21.2	20.8	20.4	20.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	21.5	21.2	20.9	20.6	20.3	20.0	19.6	19.3	19.0	18.6	18.2
-80°	19.4	19.1	18.8	18.6	18.3	18.0	17.7	17.3	17.0	16.6	16.2
-81.25°	17.1	16.8	16.6	16.3	16.0	15.7	15.3	15.0	14.7	14.4	14.0
-82.5°	14.5	14.3	14.0	13.8	13.5	13.3	13.0	12.7	12.4	12.1	11.9
-83.75°	11.9	11.7	11.5	11.3	11.1	10.9	10.6	10.4	10.2	9.9	9.7
-85°	9.3	9.2	9.0	8.8	8.7	8.5	8.3	8.1	8.0	7.8	7.6
-86.25°	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.9	5.7	5.6	5.4
-87.5°	4.3	4.3	4.2	4.1	4.1	4.0	3.9	3.8	3.8	3.7	3.6
-88.75°	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
87.5°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
86.25°	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
85°	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.4	5.2
83.75°	9.5	9.2	9.0	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.7
82.5°	11.5	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.0	8.6	8.3
81.25°	13.7	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.6	10.2	9.8
80°	15.8	15.4	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	11.4
78.75°	17.9	17.4	17.0	16.5	16.0	15.5	15.0	14.5	14.0	13.4	12.9
77.5°	19.6	19.2	18.7	18.3	17.8	17.3	16.8	16.2	15.6	15.0	14.5
76.25°	21.3	20.9	20.4	19.9	19.4	18.9	18.4	17.9	17.3	16.6	16.0
75°	23.0	22.5	22.0	21.5	21.0	20.4	19.9	19.3	18.7	18.1	17.5
73.75°	24.4	23.9	23.5	23.0	22.5	21.9	21.3	20.7	20.1	19.5	18.8
72.5°	25.7	25.3	24.8	24.3	23.8	23.3	22.8	22.1	21.4	20.8	20.1
71.25°	27.1	26.6	26.1	25.5	25.0	24.5	23.9	23.4	22.8	22.1	21.3
70°	28.4	27.9	27.3	26.8	26.2	25.6	25.1	24.5	23.9	23.3	22.6
68.75°	29.8	29.2	28.6	28.0	27.4	26.8	26.2	25.6	24.9	24.3	23.6
67.5°	31.2	30.6	29.9	29.3	28.6	28.0	27.3	26.6	26.0	25.3	24.6
66.25°	32.5	31.9	31.2	30.5	29.8	29.1	28.4	27.7	27.0	26.3	25.6
65°	33.8	33.1	32.5	31.8	31.0	30.3	29.6	28.8	28.0	27.3	26.5
63.75°	35.1	34.4	33.7	33.0	32.2	31.5	30.7	29.9	29.1	28.3	27.5
62.5°	37.5	36.0	34.9	34.2	33.4	32.6	31.8	31.0	30.1	29.3	28.4
61.25°	40.2	38.6	37.0	35.4	34.5	33.7	32.9	32.0	31.2	30.3	29.4
60°	42.7	41.1	39.4	37.7	36.0	34.8	33.9	33.1	32.2	31.3	30.3
58.75°	45.1	43.6	41.9	40.1	38.3	36.5	35.0	34.1	33.1	32.2	31.3
57.5°	47.3	45.8	44.2	42.4	40.6	38.7	36.8	35.1	34.1	33.1	32.2
56.25°	49.6	47.9	46.3	44.6	42.8	40.9	38.9	36.9	35.1	34.1	33.1
55°	52.0	50.1	48.4	46.6	44.9	43.0	41.0	38.9	36.8	35.0	33.9
53.75°	54.8	52.6	50.4	48.6	46.8	45.0	43.0	40.9	38.7	36.5	34.8
52.5°	57.6	55.3	52.9	50.6	48.7	46.8	44.9	42.8	40.6	38.3	36.0
51.25°	60.3	57.9	55.5	53.0	50.6	48.6	46.6	44.6	42.4	40.1	37.7
50°	62.4	60.5	58.1	55.5	52.9	50.4	48.4	46.3	44.2	41.9	39.4
48.75°	64.5	62.5	60.5	57.9	55.3	52.6	50.1	47.9	45.8	43.6	41.1
47.5°	66.5	64.5	62.4	60.3	57.6	54.8	52.0	49.6	47.3	45.1	42.7
46.25°	68.4	66.4	64.3	62.2	59.9	57.1	54.2	51.3	48.9	46.6	44.3
45°	70.1	68.2	66.2	64.0	61.7	59.2	56.3	53.3	50.4	48.0	45.7
43.75°	71.8	69.9	67.9	65.7	63.4	61.1	58.3	55.3	52.2	49.5	47.0
42.5°	73.5	71.5	69.5	67.4	65.1	62.7	60.3	57.2	54.0	50.9	48.4
41.25°	74.7	73.1	71.0	68.9	66.7	64.3	61.9	59.1	55.9	52.6	49.7
40°	75.7	74.4	72.5	70.4	68.2	65.9	63.4	60.8	57.7	54.3	51.0
38.75°	76.7	75.3	73.9	71.8	69.6	67.4	64.8	62.2	59.4	56.0	52.6
37.5°	77.8	76.3	74.9	73.2	71.0	68.7	66.3	63.6	61.0	57.7	54.2
36.25°	79.0	77.3	75.8	74.3	72.3	70.0	67.6	65.0	62.3	59.3	55.7
35°	80.2	78.3	76.7	75.2	73.6	71.2	68.8	66.3	63.5	60.7	57.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	81.4	79.5	77.6	76.0	74.5	72.4	70.0	67.5	64.7	61.9	58.7
32.5°	82.5	80.6	78.6	76.9	75.3	73.6	71.1	68.6	65.9	63.0	60.1
31.25°	83.6	81.7	79.6	77.7	76.0	74.4	72.2	69.7	67.1	64.1	61.2
30°	84.5	82.7	80.7	78.6	76.8	75.1	73.3	70.7	68.1	65.2	62.2
28.75°	85.3	83.6	81.6	79.5	77.5	75.8	74.1	71.7	69.0	66.2	63.2
27.5°	86.2	84.4	82.6	80.4	78.3	76.5	74.8	72.6	69.9	67.2	64.1
26.25°	87.0	85.2	83.4	81.3	79.1	77.1	75.4	73.5	70.8	68.1	65.0
25°	87.7	85.9	84.2	82.2	79.9	77.7	76.0	74.2	71.6	68.9	65.9
23.75°	88.4	86.7	84.8	83.0	80.7	78.5	76.5	74.7	72.4	69.6	66.7
22.5°	89.1	87.3	85.5	83.7	81.5	79.2	77.1	75.2	73.2	70.4	67.5
21.25°	89.8	88.0	86.1	84.3	82.2	79.9	77.6	75.7	73.9	71.1	68.2
20°	90.4	88.6	86.7	84.8	82.9	80.5	78.1	76.2	74.3	71.7	68.8
18.75°	91.0	89.2	87.3	85.4	83.4	81.1	78.7	76.7	74.8	72.3	69.4
17.5°	91.8	89.7	87.8	85.9	83.9	81.7	79.3	77.1	75.2	72.9	70.0
16.25°	92.8	90.2	88.3	86.4	84.4	82.2	79.8	77.5	75.5	73.5	70.5
15°	93.8	90.7	88.7	86.8	84.8	82.7	80.3	77.8	75.9	73.9	71.0
13.75°	94.8	91.1	89.2	87.2	85.2	83.2	80.7	78.2	76.2	74.2	71.4
12.5°	95.6	91.6	89.5	87.6	85.6	83.5	81.1	78.6	76.5	74.5	71.8
11.25°	96.4	92.4	89.9	87.9	85.9	83.9	81.5	79.0	76.8	74.8	72.2
10°	97.1	93.0	90.2	88.2	86.2	84.1	81.8	79.3	77.0	75.0	72.5
8.75°	97.7	93.6	90.5	88.5	86.4	84.4	82.1	79.6	77.2	75.2	72.8
7.5°	98.2	94.1	90.7	88.7	86.7	84.6	82.4	79.8	77.4	75.4	73.1
6.25°	98.7	94.6	90.9	88.9	86.9	84.8	82.6	80.0	77.5	75.5	73.3
5°	99.0	94.9	91.1	89.1	87.0	84.9	82.8	80.2	77.7	75.6	73.5
3.75°	99.3	95.2	91.2	89.2	87.1	85.0	82.9	80.3	77.8	75.7	73.6
2.5°	99.5	95.4	91.3	89.3	87.2	85.1	83.0	80.4	77.8	75.8	73.7
1.25°	99.7	95.5	91.4	89.3	87.3	85.2	83.1	80.5	77.9	75.8	73.8
0°	99.7	95.6	91.4	89.4	87.3	85.2	83.1	80.5	77.9	75.9	73.8
-1.25°	99.7	95.5	91.4	89.3	87.3	85.2	83.1	80.5	77.9	75.8	73.8
-2.5°	99.5	95.4	91.3	89.3	87.2	85.1	83.0	80.4	77.8	75.8	73.7
-3.75°	99.3	95.2	91.2	89.2	87.1	85.0	82.9	80.3	77.8	75.7	73.6
-5°	99.0	94.9	91.1	89.1	87.0	84.9	82.8	80.2	77.7	75.6	73.5
-6.25°	98.7	94.6	90.9	88.9	86.9	84.8	82.6	80.0	77.5	75.5	73.3
-7.5°	98.2	94.1	90.7	88.7	86.7	84.6	82.4	79.8	77.4	75.4	73.1
-8.75°	97.7	93.6	90.5	88.5	86.4	84.4	82.1	79.6	77.2	75.2	72.8
-10°	97.1	93.0	90.2	88.2	86.2	84.1	81.8	79.3	77.0	75.0	72.5
-11.25°	96.4	92.4	89.9	87.9	85.9	83.9	81.5	79.0	76.8	74.8	72.2
-12.5°	95.6	91.6	89.5	87.6	85.6	83.5	81.1	78.6	76.5	74.5	71.8
-13.75°	94.8	91.1	89.2	87.2	85.2	83.2	80.7	78.2	76.2	74.2	71.4
-15°	93.8	90.7	88.7	86.8	84.8	82.7	80.3	77.8	75.9	73.9	71.0
-16.25°	92.8	90.2	88.3	86.4	84.4	82.2	79.8	77.5	75.5	73.5	70.5
-17.5°	91.8	89.7	87.8	85.9	83.9	81.7	79.3	77.1	75.2	72.9	70.0
-18.75°	91.0	89.2	87.3	85.4	83.4	81.1	78.7	76.7	74.8	72.3	69.4
-20°	90.4	88.6	86.7	84.8	82.9	80.5	78.1	76.2	74.3	71.7	68.8
-21.25°	89.8	88.0	86.1	84.3	82.2	79.9	77.6	75.7	73.9	71.1	68.2





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	89.1	87.3	85.5	83.7	81.5	79.2	77.1	75.2	73.2	70.4	67.5
-23.75°	88.4	86.7	84.8	83.0	80.7	78.5	76.5	74.7	72.4	69.6	66.7
-25°	87.7	85.9	84.2	82.2	79.9	77.7	76.0	74.2	71.6	68.9	65.9
-26.25°	87.0	85.2	83.4	81.3	79.1	77.1	75.4	73.5	70.8	68.1	65.0
-27.5°	86.2	84.4	82.6	80.4	78.3	76.5	74.8	72.6	69.9	67.2	64.1
-28.75°	85.3	83.6	81.6	79.5	77.5	75.8	74.1	71.7	69.0	66.2	63.2
-30°	84.5	82.7	80.7	78.6	76.8	75.1	73.3	70.7	68.1	65.2	62.2
-31.25°	83.6	81.7	79.6	77.7	76.0	74.4	72.2	69.7	67.1	64.1	61.2
-32.5°	82.5	80.6	78.6	76.9	75.3	73.6	71.1	68.6	65.9	63.0	60.1
-33.75°	81.4	79.5	77.6	76.0	74.5	72.4	70.0	67.5	64.7	61.9	58.7
-35°	80.2	78.3	76.7	75.2	73.6	71.2	68.8	66.3	63.5	60.7	57.2
-36.25°	79.0	77.3	75.8	74.3	72.3	70.0	67.6	65.0	62.3	59.3	55.7
-37.5°	77.8	76.3	74.9	73.2	71.0	68.7	66.3	63.6	61.0	57.7	54.2
-38.75°	76.7	75.3	73.9	71.8	69.6	67.4	64.8	62.2	59.4	56.0	52.6
-40°	75.7	74.4	72.5	70.4	68.2	65.9	63.4	60.8	57.7	54.3	51.0
-41.25°	74.7	73.1	71.0	68.9	66.7	64.3	61.9	59.1	55.9	52.6	49.7
-42.5°	73.5	71.5	69.5	67.4	65.1	62.7	60.3	57.2	54.0	50.9	48.4
-43.75°	71.8	69.9	67.9	65.7	63.4	61.1	58.3	55.3	52.2	49.5	47.0
-45°	70.1	68.2	66.2	64.0	61.7	59.2	56.3	53.3	50.4	48.0	45.7
-46.25°	68.4	66.4	64.3	62.2	59.9	57.1	54.2	51.3	48.9	46.6	44.3
-47.5°	66.5	64.5	62.4	60.3	57.6	54.8	52.0	49.6	47.3	45.1	42.7
-48.75°	64.5	62.5	60.5	57.9	55.3	52.6	50.1	47.9	45.8	43.6	41.1
-50°	62.4	60.5	58.1	55.5	52.9	50.4	48.4	46.3	44.2	41.9	39.4
-51.25°	60.3	57.9	55.5	53.0	50.6	48.6	46.6	44.6	42.4	40.1	37.7
-52.5°	57.6	55.3	52.9	50.6	48.7	46.8	44.9	42.8	40.6	38.3	36.0
-53.75°	54.8	52.6	50.4	48.6	46.8	45.0	43.0	40.9	38.7	36.5	34.8
-55°	52.0	50.1	48.4	46.6	44.9	43.0	41.0	38.9	36.8	35.0	33.9
-56.25°	49.6	47.9	46.3	44.6	42.8	40.9	38.9	36.9	35.1	34.1	33.1
-57.5°	47.3	45.8	44.2	42.4	40.6	38.7	36.8	35.1	34.1	33.1	32.2
-58.75°	45.1	43.6	41.9	40.1	38.3	36.5	35.0	34.1	33.1	32.2	31.3
-60°	42.7	41.1	39.4	37.7	36.0	34.8	33.9	33.1	32.2	31.3	30.3
-61.25°	40.2	38.6	37.0	35.4	34.5	33.7	32.9	32.0	31.2	30.3	29.4
-62.5°	37.5	36.0	34.9	34.2	33.4	32.6	31.8	31.0	30.1	29.3	28.4
-63.75°	35.1	34.4	33.7	33.0	32.2	31.5	30.7	29.9	29.1	28.3	27.5
-65°	33.8	33.1	32.5	31.8	31.0	30.3	29.6	28.8	28.0	27.3	26.5
-66.25°	32.5	31.9	31.2	30.5	29.8	29.1	28.4	27.7	27.0	26.3	25.6
-67.5°	31.2	30.6	29.9	29.3	28.6	28.0	27.3	26.6	26.0	25.3	24.6
-68.75°	29.8	29.2	28.6	28.0	27.4	26.8	26.2	25.6	24.9	24.3	23.6
-70°	28.4	27.9	27.3	26.8	26.2	25.6	25.1	24.5	23.9	23.3	22.6
-71.25°	27.1	26.6	26.1	25.5	25.0	24.5	23.9	23.4	22.8	22.1	21.3
-72.5°	25.7	25.3	24.8	24.3	23.8	23.3	22.8	22.1	21.4	20.8	20.1
-73.75°	24.4	23.9	23.5	23.0	22.5	21.9	21.3	20.7	20.1	19.5	18.8
-75°	23.0	22.5	22.0	21.5	21.0	20.4	19.9	19.3	18.7	18.1	17.5
-76.25°	21.3	20.9	20.4	19.9	19.4	18.9	18.4	17.9	17.3	16.6	16.0
-77.5°	19.6	19.2	18.7	18.3	17.8	17.3	16.8	16.2	15.6	15.0	14.5



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	17.9	17.4	17.0	16.5	16.0	15.5	15.0	14.5	14.0	13.4	12.9
-80°	15.8	15.4	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	11.4
-81.25°	13.7	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.6	10.2	9.8
-82.5°	11.5	11.2	10.9	10.6	10.3	10.0	9.6	9.3	9.0	8.6	8.3
-83.75°	9.5	9.2	9.0	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.7
-85°	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.4	5.2
-86.25°	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
-87.5°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-88.75°	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7
87.5°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
86.25°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2
85°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9
83.75°	6.4	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6
82.5°	7.9	7.6	7.2	6.8	6.5	6.1	5.7	5.3	5.0	4.7	4.4
81.25°	9.4	9.0	8.6	8.1	7.7	7.3	6.8	6.4	6.0	5.5	5.1
80°	10.9	10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9
78.75°	12.4	11.8	11.3	10.7	10.2	9.6	9.1	8.5	7.9	7.3	6.8
77.5°	13.9	13.3	12.6	12.0	11.4	10.8	10.2	9.5	8.9	8.3	7.6
76.25°	15.3	14.7	14.0	13.3	12.6	12.0	11.3	10.6	9.9	9.2	8.5
75°	16.8	16.1	15.4	14.6	13.9	13.1	12.4	11.6	10.8	10.1	9.3
73.75°	18.2	17.5	16.7	15.9	15.1	14.3	13.5	12.6	11.8	11.0	10.1
72.5°	19.4	18.7	18.0	17.2	16.3	15.5	14.6	13.7	12.8	11.9	11.0
71.25°	20.6	19.9	19.1	18.3	17.5	16.6	15.7	14.7	13.7	12.8	11.8
70°	21.8	21.0	20.2	19.4	18.6	17.7	16.7	15.7	14.7	13.7	12.6
68.75°	23.0	22.1	21.3	20.4	19.6	18.7	17.8	16.7	15.7	14.6	13.5
67.5°	23.9	23.2	22.4	21.5	20.5	19.6	18.7	17.7	16.6	15.5	14.3
66.25°	24.8	24.1	23.3	22.5	21.5	20.5	19.6	18.6	17.5	16.3	15.1
65°	25.7	25.0	24.2	23.4	22.5	21.5	20.4	19.4	18.3	17.2	15.9
63.75°	26.6	25.8	25.0	24.2	23.3	22.4	21.3	20.2	19.1	18.0	16.7
62.5°	27.6	26.7	25.8	25.0	24.1	23.2	22.1	21.0	19.9	18.7	17.5
61.25°	28.5	27.6	26.6	25.7	24.8	23.9	23.0	21.8	20.6	19.4	18.2
60°	29.4	28.4	27.5	26.5	25.6	24.6	23.6	22.6	21.3	20.1	18.8
58.75°	30.3	29.3	28.3	27.3	26.3	25.3	24.3	23.3	22.1	20.8	19.5
57.5°	31.2	30.1	29.1	28.0	27.0	26.0	24.9	23.9	22.8	21.4	20.1
56.25°	32.0	31.0	29.9	28.8	27.7	26.6	25.6	24.5	23.4	22.1	20.7
55°	32.9	31.8	30.7	29.6	28.4	27.3	26.2	25.1	23.9	22.8	21.3
53.75°	33.7	32.6	31.5	30.3	29.1	28.0	26.8	25.6	24.5	23.3	21.9
52.5°	34.5	33.4	32.2	31.0	29.8	28.6	27.4	26.2	25.0	23.8	22.5
51.25°	35.4	34.2	33.0	31.8	30.5	29.3	28.0	26.8	25.5	24.3	23.0
50°	37.0	34.9	33.7	32.5	31.2	29.9	28.6	27.3	26.1	24.8	23.5
48.75°	38.6	36.0	34.4	33.1	31.9	30.6	29.2	27.9	26.6	25.3	23.9
47.5°	40.2	37.5	35.1	33.8	32.5	31.2	29.8	28.4	27.1	25.7	24.4
46.25°	41.7	39.0	36.3	34.5	33.1	31.8	30.4	29.0	27.6	26.2	24.8
45°	43.2	40.5	37.7	35.1	33.7	32.3	30.9	29.5	28.1	26.6	25.2
43.75°	44.6	41.9	39.1	36.2	34.3	32.9	31.5	30.0	28.6	27.1	25.6
42.5°	45.8	43.3	40.4	37.5	34.9	33.5	32.0	30.5	29.0	27.5	26.0
41.25°	47.1	44.5	41.7	38.7	35.7	34.0	32.5	31.0	29.5	28.0	26.4
40°	48.3	45.7	43.0	39.9	36.9	34.6	33.0	31.5	29.9	28.4	26.8
38.75°	49.5	46.8	44.1	41.1	38.0	35.1	33.5	32.0	30.4	28.8	27.2
37.5°	50.7	47.9	45.2	42.2	39.1	35.9	34.0	32.4	30.8	29.2	27.5
36.25°	52.1	49.0	46.2	43.4	40.1	36.9	34.5	32.9	31.2	29.6	27.9
35°	53.5	50.1	47.2	44.3	41.2	37.9	34.9	33.3	31.6	30.0	28.3



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	54.9	51.2	48.2	45.3	42.2	38.8	35.4	33.7	32.0	30.3	28.6
32.5°	56.3	52.5	49.2	46.2	43.1	39.7	36.3	34.1	32.4	30.7	28.9
31.25°	57.6	53.7	50.1	47.0	44.0	40.6	37.1	34.5	32.8	31.0	29.3
30°	58.9	54.9	51.0	47.9	44.8	41.5	37.9	34.9	33.1	31.4	29.6
28.75°	60.1	56.1	52.1	48.7	45.6	42.3	38.7	35.2	33.4	31.7	29.9
27.5°	61.0	57.2	53.2	49.5	46.3	43.1	39.5	35.8	33.8	32.0	30.1
26.25°	61.9	58.3	54.2	50.2	47.0	43.8	40.2	36.5	34.1	32.3	30.4
25°	62.7	59.3	55.2	51.0	47.7	44.5	40.9	37.2	34.4	32.5	30.7
23.75°	63.5	60.3	56.1	51.9	48.4	45.1	41.5	37.8	34.7	32.8	30.9
22.5°	64.3	61.0	57.0	52.7	49.0	45.7	42.2	38.4	34.9	33.1	31.2
21.25°	65.0	61.7	57.8	53.5	49.6	46.2	42.7	38.9	35.2	33.3	31.4
20°	65.7	62.4	58.6	54.3	50.1	46.7	43.3	39.4	35.6	33.5	31.6
18.75°	66.3	63.0	59.4	55.0	50.7	47.2	43.8	39.9	36.0	33.7	31.8
17.5°	66.9	63.5	60.1	55.7	51.2	47.7	44.2	40.4	36.5	33.9	32.0
16.25°	67.5	64.1	60.7	56.3	51.8	48.1	44.7	40.8	36.9	34.1	32.2
15°	68.0	64.6	61.1	56.9	52.4	48.5	45.0	41.2	37.3	34.3	32.3
13.75°	68.4	65.0	61.6	57.4	52.9	48.9	45.4	41.6	37.6	34.5	32.5
12.5°	68.8	65.5	62.0	57.9	53.4	49.3	45.7	42.0	37.9	34.6	32.6
11.25°	69.1	65.9	62.3	58.4	53.8	49.6	46.0	42.3	38.2	34.7	32.7
10°	69.4	66.2	62.7	58.8	54.2	49.8	46.3	42.5	38.5	34.9	32.8
8.75°	69.7	66.5	63.0	59.1	54.5	50.1	46.5	42.8	38.7	35.0	32.9
7.5°	70.0	66.8	63.2	59.4	54.8	50.3	46.7	43.0	38.9	35.0	33.0
6.25°	70.2	67.0	63.4	59.7	55.0	50.5	46.9	43.2	39.1	35.1	33.1
5°	70.3	67.2	63.6	59.9	55.2	50.6	47.0	43.3	39.2	35.2	33.1
3.75°	70.5	67.3	63.7	60.1	55.4	50.8	47.1	43.5	39.3	35.2	33.2
2.5°	70.6	67.4	63.8	60.2	55.5	50.8	47.2	43.5	39.4	35.3	33.2
1.25°	70.6	67.5	63.9	60.3	55.6	50.9	47.2	43.6	39.4	35.3	33.2
0°	70.7	67.5	63.9	60.3	55.6	50.9	47.3	43.6	39.5	35.3	33.3
-1.25°	70.6	67.5	63.9	60.3	55.6	50.9	47.2	43.6	39.4	35.3	33.2
-2.5°	70.6	67.4	63.8	60.2	55.5	50.8	47.2	43.5	39.4	35.3	33.2
-3.75°	70.5	67.3	63.7	60.1	55.4	50.8	47.1	43.5	39.3	35.2	33.2
-5°	70.3	67.2	63.6	59.9	55.2	50.6	47.0	43.3	39.2	35.2	33.1
-6.25°	70.2	67.0	63.4	59.7	55.0	50.5	46.9	43.2	39.1	35.1	33.1
-7.5°	70.0	66.8	63.2	59.4	54.8	50.3	46.7	43.0	38.9	35.0	33.0
-8.75°	69.7	66.5	63.0	59.1	54.5	50.1	46.5	42.8	38.7	35.0	32.9
-10°	69.4	66.2	62.7	58.8	54.2	49.8	46.3	42.5	38.5	34.9	32.8
-11.25°	69.1	65.9	62.3	58.4	53.8	49.6	46.0	42.3	38.2	34.7	32.7
-12.5°	68.8	65.5	62.0	57.9	53.4	49.3	45.7	42.0	37.9	34.6	32.6
-13.75°	68.4	65.0	61.6	57.4	52.9	48.9	45.4	41.6	37.6	34.5	32.5
-15°	68.0	64.6	61.1	56.9	52.4	48.5	45.0	41.2	37.3	34.3	32.3
-16.25°	67.5	64.1	60.7	56.3	51.8	48.1	44.7	40.8	36.9	34.1	32.2
-17.5°	66.9	63.5	60.1	55.7	51.2	47.7	44.2	40.4	36.5	33.9	32.0
-18.75°	66.3	63.0	59.4	55.0	50.7	47.2	43.8	39.9	36.0	33.7	31.8
-20°	65.7	62.4	58.6	54.3	50.1	46.7	43.3	39.4	35.6	33.5	31.6
-21.25°	65.0	61.7	57.8	53.5	49.6	46.2	42.7	38.9	35.2	33.3	31.4



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	64.3	61.0	57.0	52.7	49.0	45.7	42.2	38.4	34.9	33.1	31.2
-23.75°	63.5	60.3	56.1	51.9	48.4	45.1	41.5	37.8	34.7	32.8	30.9
-25°	62.7	59.3	55.2	51.0	47.7	44.5	40.9	37.2	34.4	32.5	30.7
-26.25°	61.9	58.3	54.2	50.2	47.0	43.8	40.2	36.5	34.1	32.3	30.4
-27.5°	61.0	57.2	53.2	49.5	46.3	43.1	39.5	35.8	33.8	32.0	30.1
-28.75°	60.1	56.1	52.1	48.7	45.6	42.3	38.7	35.2	33.4	31.7	29.9
-30°	58.9	54.9	51.0	47.9	44.8	41.5	37.9	34.9	33.1	31.4	29.6
-31.25°	57.6	53.7	50.1	47.0	44.0	40.6	37.1	34.5	32.8	31.0	29.3
-32.5°	56.3	52.5	49.2	46.2	43.1	39.7	36.3	34.1	32.4	30.7	28.9
-33.75°	54.9	51.2	48.2	45.3	42.2	38.8	35.4	33.7	32.0	30.3	28.6
-35°	53.5	50.1	47.2	44.3	41.2	37.9	34.9	33.3	31.6	30.0	28.3
-36.25°	52.1	49.0	46.2	43.4	40.1	36.9	34.5	32.9	31.2	29.6	27.9
-37.5°	50.7	47.9	45.2	42.2	39.1	35.9	34.0	32.4	30.8	29.2	27.5
-38.75°	49.5	46.8	44.1	41.1	38.0	35.1	33.5	32.0	30.4	28.8	27.2
-40°	48.3	45.7	43.0	39.9	36.9	34.6	33.0	31.5	29.9	28.4	26.8
-41.25°	47.1	44.5	41.7	38.7	35.7	34.0	32.5	31.0	29.5	28.0	26.4
-42.5°	45.8	43.3	40.4	37.5	34.9	33.5	32.0	30.5	29.0	27.5	26.0
-43.75°	44.6	41.9	39.1	36.2	34.3	32.9	31.5	30.0	28.6	27.1	25.6
-45°	43.2	40.5	37.7	35.1	33.7	32.3	30.9	29.5	28.1	26.6	25.2
-46.25°	41.7	39.0	36.3	34.5	33.1	31.8	30.4	29.0	27.6	26.2	24.8
-47.5°	40.2	37.5	35.1	33.8	32.5	31.2	29.8	28.4	27.1	25.7	24.4
-48.75°	38.6	36.0	34.4	33.1	31.9	30.6	29.2	27.9	26.6	25.3	23.9
-50°	37.0	34.9	33.7	32.5	31.2	29.9	28.6	27.3	26.1	24.8	23.5
-51.25°	35.4	34.2	33.0	31.8	30.5	29.3	28.0	26.8	25.5	24.3	23.0
-52.5°	34.5	33.4	32.2	31.0	29.8	28.6	27.4	26.2	25.0	23.8	22.5
-53.75°	33.7	32.6	31.5	30.3	29.1	28.0	26.8	25.6	24.5	23.3	21.9
-55°	32.9	31.8	30.7	29.6	28.4	27.3	26.2	25.1	23.9	22.8	21.3
-56.25°	32.0	31.0	29.9	28.8	27.7	26.6	25.6	24.5	23.4	22.1	20.7
-57.5°	31.2	30.1	29.1	28.0	27.0	26.0	24.9	23.9	22.8	21.4	20.1
-58.75°	30.3	29.3	28.3	27.3	26.3	25.3	24.3	23.3	22.1	20.8	19.5
-60°	29.4	28.4	27.5	26.5	25.6	24.6	23.6	22.6	21.3	20.1	18.8
-61.25°	28.5	27.6	26.6	25.7	24.8	23.9	23.0	21.8	20.6	19.4	18.2
-62.5°	27.6	26.7	25.8	25.0	24.1	23.2	22.1	21.0	19.9	18.7	17.5
-63.75°	26.6	25.8	25.0	24.2	23.3	22.4	21.3	20.2	19.1	18.0	16.7
-65°	25.7	25.0	24.2	23.4	22.5	21.5	20.4	19.4	18.3	17.2	15.9
-66.25°	24.8	24.1	23.3	22.5	21.5	20.5	19.6	18.6	17.5	16.3	15.1
-67.5°	23.9	23.2	22.4	21.5	20.5	19.6	18.7	17.7	16.6	15.5	14.3
-68.75°	23.0	22.1	21.3	20.4	19.6	18.7	17.8	16.7	15.7	14.6	13.5
-70°	21.8	21.0	20.2	19.4	18.6	17.7	16.7	15.7	14.7	13.7	12.6
-71.25°	20.6	19.9	19.1	18.3	17.5	16.6	15.7	14.7	13.7	12.8	11.8
-72.5°	19.4	18.7	18.0	17.2	16.3	15.5	14.6	13.7	12.8	11.9	11.0
-73.75°	18.2	17.5	16.7	15.9	15.1	14.3	13.5	12.6	11.8	11.0	10.1
-75°	16.8	16.1	15.4	14.6	13.9	13.1	12.4	11.6	10.8	10.1	9.3
-76.25°	15.3	14.7	14.0	13.3	12.6	12.0	11.3	10.6	9.9	9.2	8.5
-77.5°	13.9	13.3	12.6	12.0	11.4	10.8	10.2	9.5	8.9	8.3	7.6



REPORT NUMBER: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	12.4	11.8	11.3	10.7	10.2	9.6	9.1	8.5	7.9	7.3	6.8
-80°	10.9	10.4	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9
-81.25°	9.4	9.0	8.6	8.1	7.7	7.3	6.8	6.4	6.0	5.5	5.1
-82.5°	7.9	7.6	7.2	6.8	6.5	6.1	5.7	5.3	5.0	4.7	4.4
-83.75°	6.4	6.1	5.8	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6
-85°	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9
-86.25°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.3	2.2
-87.5°	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5
-88.75°	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	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: P220496 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-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°	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1
87.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
86.25°	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.8	0.7	0.5	0.3
85°	2.7	2.5	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
83.75°	3.4	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.8	0.6
82.5°	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.0	0.7
81.25°	4.7	4.3	3.9	3.5	3.1	2.8	2.4	2.0	1.6	1.2	0.8
80°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9
78.75°	6.2	5.6	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
77.5°	7.0	6.3	5.7	5.0	4.5	3.9	3.4	2.8	2.2	1.7	1.1
76.25°	7.7	7.0	6.3	5.6	4.9	4.3	3.7	3.1	2.5	1.9	1.2
75°	8.5	7.7	7.0	6.2	5.4	4.7	4.0	3.4	2.7	2.0	1.3
73.75°	9.3	8.5	7.6	6.8	5.9	5.1	4.4	3.6	2.9	2.2	1.5
72.5°	10.1	9.2	8.3	7.3	6.4	5.5	4.7	3.9	3.1	2.3	1.6
71.25°	10.8	9.9	8.9	7.9	6.9	6.0	5.0	4.2	3.3	2.5	1.7
70°	11.6	10.6	9.5	8.5	7.4	6.4	5.3	4.4	3.6	2.7	1.8
68.75°	12.4	11.3	10.2	9.1	7.9	6.8	5.7	4.7	3.8	2.8	1.9
67.5°	13.1	12.0	10.8	9.6	8.4	7.3	6.1	5.0	4.0	3.0	2.0
66.25°	13.9	12.6	11.4	10.2	8.9	7.7	6.5	5.2	4.2	3.1	2.1
65°	14.6	13.3	12.0	10.7	9.4	8.1	6.8	5.5	4.4	3.3	2.2
63.75°	15.4	14.0	12.6	11.3	9.9	8.6	7.2	5.8	4.6	3.4	2.3
62.5°	16.1	14.7	13.3	11.8	10.4	9.0	7.6	6.1	4.8	3.6	2.4
61.25°	16.8	15.3	13.9	12.4	10.9	9.4	7.9	6.4	5.0	3.7	2.5
60°	17.5	16.0	14.5	12.9	11.4	9.8	8.3	6.7	5.2	3.9	2.6
58.75°	18.1	16.6	15.0	13.4	11.8	10.2	8.6	7.0	5.4	4.0	2.7
57.5°	18.7	17.3	15.6	14.0	12.3	10.6	9.0	7.3	5.7	4.2	2.8
56.25°	19.3	17.9	16.2	14.5	12.8	11.0	9.3	7.6	5.9	4.3	2.9
55°	19.9	18.4	16.8	15.0	13.2	11.4	9.6	7.9	6.1	4.5	3.0
53.75°	20.4	18.9	17.3	15.5	13.7	11.8	10.0	8.2	6.3	4.6	3.1
52.5°	21.0	19.4	17.8	16.0	14.1	12.2	10.3	8.4	6.5	4.7	3.2
51.25°	21.5	19.9	18.3	16.5	14.5	12.6	10.6	8.7	6.8	4.9	3.3
50°	22.0	20.4	18.7	17.0	14.9	12.9	10.9	9.0	7.0	5.0	3.3
48.75°	22.5	20.9	19.2	17.4	15.4	13.3	11.2	9.2	7.2	5.1	3.4
47.5°	23.0	21.3	19.6	17.9	15.8	13.7	11.5	9.5	7.4	5.3	3.5
46.25°	23.4	21.8	20.0	18.2	16.2	14.0	11.9	9.7	7.6	5.4	3.6
45°	23.8	22.2	20.4	18.6	16.6	14.4	12.1	9.9	7.8	5.6	3.7
43.75°	24.2	22.7	20.8	19.0	17.0	14.7	12.4	10.2	8.0	5.7	3.8
42.5°	24.5	23.1	21.2	19.3	17.3	15.0	12.7	10.4	8.1	5.9	3.8
41.25°	24.9	23.4	21.6	19.6	17.7	15.3	13.0	10.6	8.3	6.0	3.9
40°	25.3	23.7	22.0	20.0	18.0	15.7	13.3	10.9	8.5	6.1	4.0
38.75°	25.6	24.0	22.3	20.3	18.3	16.0	13.5	11.1	8.7	6.3	4.1
37.5°	25.9	24.3	22.7	20.6	18.6	16.3	13.8	11.3	8.8	6.4	4.1
36.25°	26.3	24.6	23.0	20.9	18.8	16.6	14.0	11.5	9.0	6.5	4.2
35°	26.6	24.9	23.2	21.2	19.1	16.8	14.3	11.7	9.2	6.6	4.3



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**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	26.9	25.2	23.5	21.5	19.4	17.1	14.5	11.9	9.3	6.7	4.3
32.5°	27.2	25.5	23.7	21.8	19.6	17.4	14.7	12.1	9.5	6.8	4.4
31.25°	27.5	25.7	24.0	22.1	19.9	17.6	14.9	12.3	9.6	6.9	4.4
30°	27.8	26.0	24.2	22.3	20.1	17.8	15.2	12.4	9.7	7.1	4.5
28.75°	28.0	26.2	24.4	22.6	20.3	18.0	15.4	12.6	9.9	7.2	4.6
27.5°	28.3	26.5	24.7	22.8	20.5	18.2	15.6	12.8	10.0	7.2	4.6
26.25°	28.5	26.7	24.9	23.0	20.7	18.4	15.7	12.9	10.1	7.3	4.7
25°	28.8	26.9	25.1	23.2	20.9	18.6	15.9	13.1	10.2	7.4	4.7
23.75°	29.0	27.1	25.2	23.4	21.1	18.7	16.1	13.2	10.3	7.5	4.8
22.5°	29.2	27.3	25.4	23.5	21.3	18.9	16.3	13.3	10.5	7.6	4.8
21.25°	29.5	27.5	25.6	23.7	21.5	19.1	16.4	13.5	10.6	7.7	4.8
20°	29.6	27.7	25.7	23.8	21.6	19.2	16.6	13.6	10.7	7.7	4.9
18.75°	29.8	27.9	25.9	24.0	21.8	19.3	16.7	13.7	10.7	7.8	4.9
17.5°	30.0	28.0	26.0	24.1	21.9	19.5	16.8	13.8	10.8	7.9	5.0
16.25°	30.2	28.2	26.2	24.2	22.1	19.6	16.9	13.9	10.9	7.9	5.0
15°	30.3	28.3	26.3	24.3	22.2	19.7	17.1	14.0	11.0	8.0	5.0
13.75°	30.5	28.4	26.4	24.4	22.3	19.8	17.2	14.1	11.0	8.0	5.1
12.5°	30.6	28.5	26.5	24.5	22.4	19.9	17.2	14.2	11.1	8.1	5.1
11.25°	30.7	28.6	26.6	24.6	22.5	19.9	17.3	14.2	11.2	8.1	5.1
10°	30.8	28.7	26.7	24.7	22.6	20.0	17.4	14.3	11.2	8.2	5.1
8.75°	30.9	28.8	26.8	24.7	22.7	20.1	17.5	14.4	11.3	8.2	5.1
7.5°	31.0	28.9	26.8	24.8	22.7	20.1	17.5	14.4	11.3	8.2	5.2
6.25°	31.0	29.0	26.9	24.8	22.8	20.2	17.6	14.5	11.3	8.2	5.2
5°	31.1	29.0	26.9	24.9	22.8	20.2	17.6	14.5	11.4	8.3	5.2
3.75°	31.1	29.0	27.0	24.9	22.9	20.3	17.7	14.5	11.4	8.3	5.2
2.5°	31.2	29.1	27.0	24.9	22.9	20.3	17.7	14.5	11.4	8.3	5.2
1.25°	31.2	29.1	27.0	24.9	22.9	20.3	17.7	14.5	11.4	8.3	5.2
0°	31.2	29.1	27.0	25.0	22.9	20.3	17.7	14.6	11.4	8.3	5.2
-1.25°	31.2	29.1	27.0	24.9	22.9	20.3	17.7	14.5	11.4	8.3	5.2
-2.5°	31.2	29.1	27.0	24.9	22.9	20.3	17.7	14.5	11.4	8.3	5.2
-3.75°	31.1	29.0	27.0	24.9	22.9	20.3	17.7	14.5	11.4	8.3	5.2
-5°	31.1	29.0	26.9	24.9	22.8	20.2	17.6	14.5	11.4	8.3	5.2
-6.25°	31.0	29.0	26.9	24.8	22.8	20.2	17.6	14.5	11.3	8.2	5.2
-7.5°	31.0	28.9	26.8	24.8	22.7	20.1	17.5	14.4	11.3	8.2	5.2
-8.75°	30.9	28.8	26.8	24.7	22.7	20.1	17.5	14.4	11.3	8.2	5.1
-10°	30.8	28.7	26.7	24.7	22.6	20.0	17.4	14.3	11.2	8.2	5.1
-11.25°	30.7	28.6	26.6	24.6	22.5	19.9	17.3	14.2	11.2	8.1	5.1
-12.5°	30.6	28.5	26.5	24.5	22.4	19.9	17.2	14.2	11.1	8.1	5.1
-13.75°	30.5	28.4	26.4	24.4	22.3	19.8	17.2	14.1	11.0	8.0	5.1
-15°	30.3	28.3	26.3	24.3	22.2	19.7	17.1	14.0	11.0	8.0	5.0
-16.25°	30.2	28.2	26.2	24.2	22.1	19.6	16.9	13.9	10.9	7.9	5.0
-17.5°	30.0	28.0	26.0	24.1	21.9	19.5	16.8	13.8	10.8	7.9	5.0
-18.75°	29.8	27.9	25.9	24.0	21.8	19.3	16.7	13.7	10.7	7.8	4.9
-20°	29.6	27.7	25.7	23.8	21.6	19.2	16.6	13.6	10.7	7.7	4.9
-21.25°	29.5	27.5	25.6	23.7	21.5	19.1	16.4	13.5	10.6	7.7	4.8





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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°	29.2	27.3	25.4	23.5	21.3	18.9	16.3	13.3	10.5	7.6	4.8
-23.75°	29.0	27.1	25.2	23.4	21.1	18.7	16.1	13.2	10.3	7.5	4.8
-25°	28.8	26.9	25.1	23.2	20.9	18.6	15.9	13.1	10.2	7.4	4.7
-26.25°	28.5	26.7	24.9	23.0	20.7	18.4	15.7	12.9	10.1	7.3	4.7
-27.5°	28.3	26.5	24.7	22.8	20.5	18.2	15.6	12.8	10.0	7.2	4.6
-28.75°	28.0	26.2	24.4	22.6	20.3	18.0	15.4	12.6	9.9	7.2	4.6
-30°	27.8	26.0	24.2	22.3	20.1	17.8	15.2	12.4	9.7	7.1	4.5
-31.25°	27.5	25.7	24.0	22.1	19.9	17.6	14.9	12.3	9.6	6.9	4.4
-32.5°	27.2	25.5	23.7	21.8	19.6	17.4	14.7	12.1	9.5	6.8	4.4
-33.75°	26.9	25.2	23.5	21.5	19.4	17.1	14.5	11.9	9.3	6.7	4.3
-35°	26.6	24.9	23.2	21.2	19.1	16.8	14.3	11.7	9.2	6.6	4.3
-36.25°	26.3	24.6	23.0	20.9	18.8	16.6	14.0	11.5	9.0	6.5	4.2
-37.5°	25.9	24.3	22.7	20.6	18.6	16.3	13.8	11.3	8.8	6.4	4.1
-38.75°	25.6	24.0	22.3	20.3	18.3	16.0	13.5	11.1	8.7	6.3	4.1
-40°	25.3	23.7	22.0	20.0	18.0	15.7	13.3	10.9	8.5	6.1	4.0
-41.25°	24.9	23.4	21.6	19.6	17.7	15.3	13.0	10.6	8.3	6.0	3.9
-42.5°	24.5	23.1	21.2	19.3	17.3	15.0	12.7	10.4	8.1	5.9	3.8
-43.75°	24.2	22.7	20.8	19.0	17.0	14.7	12.4	10.2	8.0	5.7	3.8
-45°	23.8	22.2	20.4	18.6	16.6	14.4	12.1	9.9	7.8	5.6	3.7
-46.25°	23.4	21.8	20.0	18.2	16.2	14.0	11.9	9.7	7.6	5.4	3.6
-47.5°	23.0	21.3	19.6	17.9	15.8	13.7	11.5	9.5	7.4	5.3	3.5
-48.75°	22.5	20.9	19.2	17.4	15.4	13.3	11.2	9.2	7.2	5.1	3.4
-50°	22.0	20.4	18.7	17.0	14.9	12.9	10.9	9.0	7.0	5.0	3.3
-51.25°	21.5	19.9	18.3	16.5	14.5	12.6	10.6	8.7	6.8	4.9	3.3
-52.5°	21.0	19.4	17.8	16.0	14.1	12.2	10.3	8.4	6.5	4.7	3.2
-53.75°	20.4	18.9	17.3	15.5	13.7	11.8	10.0	8.2	6.3	4.6	3.1
-55°	19.9	18.4	16.8	15.0	13.2	11.4	9.6	7.9	6.1	4.5	3.0
-56.25°	19.3	17.9	16.2	14.5	12.8	11.0	9.3	7.6	5.9	4.3	2.9
-57.5°	18.7	17.3	15.6	14.0	12.3	10.6	9.0	7.3	5.7	4.2	2.8
-58.75°	18.1	16.6	15.0	13.4	11.8	10.2	8.6	7.0	5.4	4.0	2.7
-60°	17.5	16.0	14.5	12.9	11.4	9.8	8.3	6.7	5.2	3.9	2.6
-61.25°	16.8	15.3	13.9	12.4	10.9	9.4	7.9	6.4	5.0	3.7	2.5
-62.5°	16.1	14.7	13.3	11.8	10.4	9.0	7.6	6.1	4.8	3.6	2.4
-63.75°	15.4	14.0	12.6	11.3	9.9	8.6	7.2	5.8	4.6	3.4	2.3
-65°	14.6	13.3	12.0	10.7	9.4	8.1	6.8	5.5	4.4	3.3	2.2
-66.25°	13.9	12.6	11.4	10.2	8.9	7.7	6.5	5.2	4.2	3.1	2.1
-67.5°	13.1	12.0	10.8	9.6	8.4	7.3	6.1	5.0	4.0	3.0	2.0
-68.75°	12.4	11.3	10.2	9.1	7.9	6.8	5.7	4.7	3.8	2.8	1.9
-70°	11.6	10.6	9.5	8.5	7.4	6.4	5.3	4.4	3.6	2.7	1.8
-71.25°	10.8	9.9	8.9	7.9	6.9	6.0	5.0	4.2	3.3	2.5	1.7
-72.5°	10.1	9.2	8.3	7.3	6.4	5.5	4.7	3.9	3.1	2.3	1.6
-73.75°	9.3	8.5	7.6	6.8	5.9	5.1	4.4	3.6	2.9	2.2	1.5
-75°	8.5	7.7	7.0	6.2	5.4	4.7	4.0	3.4	2.7	2.0	1.3
-76.25°	7.7	7.0	6.3	5.6	4.9	4.3	3.7	3.1	2.5	1.9	1.2
-77.5°	7.0	6.3	5.7	5.0	4.5	3.9	3.4	2.8	2.2	1.7	1.1



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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°	6.2	5.6	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0
-80°	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.3	1.8	1.4	0.9
-81.25°	4.7	4.3	3.9	3.5	3.1	2.8	2.4	2.0	1.6	1.2	0.8
-82.5°	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.0	0.7
-83.75°	3.4	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.8	0.6
-85°	2.7	2.5	2.2	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-86.25°	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.8	0.7	0.5	0.3
-87.5°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.3	0.2
-88.75°	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
90°	0.0	0.0
88.75°	0.1	0.0
87.5°	0.1	0.0
86.25°	0.2	0.0
85°	0.2	0.0
83.75°	0.3	0.0
82.5°	0.3	0.0
81.25°	0.4	0.0
80°	0.5	0.0
78.75°	0.5	0.0
77.5°	0.6	0.0
76.25°	0.6	0.0
75°	0.7	0.0
73.75°	0.7	0.0
72.5°	0.8	0.0
71.25°	0.8	0.0
70°	0.9	0.0
68.75°	0.9	0.0
67.5°	1.0	0.0
66.25°	1.0	0.0
65°	1.1	0.0
63.75°	1.1	0.0
62.5°	1.2	0.0
61.25°	1.3	0.0
60°	1.3	0.0
58.75°	1.3	0.0
57.5°	1.4	0.0
56.25°	1.4	0.0
55°	1.5	0.0
53.75°	1.5	0.0
52.5°	1.6	0.0
51.25°	1.6	0.0
50°	1.7	0.0
48.75°	1.7	0.0
47.5°	1.8	0.0
46.25°	1.8	0.0
45°	1.8	0.0
43.75°	1.9	0.0
42.5°	1.9	0.0
41.25°	2.0	0.0
40°	2.0	0.0
38.75°	2.0	0.0
37.5°	2.1	0.0
36.25°	2.1	0.0
35°	2.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	2.2	0.0
32.5°	2.2	0.0
31.25°	2.2	0.0
30°	2.3	0.0
28.75°	2.3	0.0
27.5°	2.3	0.0
26.25°	2.3	0.0
25°	2.4	0.0
23.75°	2.4	0.0
22.5°	2.4	0.0
21.25°	2.4	0.0
20°	2.4	0.0
18.75°	2.5	0.0
17.5°	2.5	0.0
16.25°	2.5	0.0
15°	2.5	0.0
13.75°	2.5	0.0
12.5°	2.5	0.0
11.25°	2.6	0.0
10°	2.6	0.0
8.75°	2.6	0.0
7.5°	2.6	0.0
6.25°	2.6	0.0
5°	2.6	0.0
3.75°	2.6	0.0
2.5°	2.6	0.0
1.25°	2.6	0.0
0°	2.6	0.0
-1.25°	2.6	0.0
-2.5°	2.6	0.0
-3.75°	2.6	0.0
-5°	2.6	0.0
-6.25°	2.6	0.0
-7.5°	2.6	0.0
-8.75°	2.6	0.0
-10°	2.6	0.0
-11.25°	2.6	0.0
-12.5°	2.5	0.0
-13.75°	2.5	0.0
-15°	2.5	0.0
-16.25°	2.5	0.0
-17.5°	2.5	0.0
-18.75°	2.5	0.0
-20°	2.4	0.0
-21.25°	2.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-22.5°	2.4	0.0
-23.75°	2.4	0.0
-25°	2.4	0.0
-26.25°	2.3	0.0
-27.5°	2.3	0.0
-28.75°	2.3	0.0
-30°	2.3	0.0
-31.25°	2.2	0.0
-32.5°	2.2	0.0
-33.75°	2.2	0.0
-35°	2.1	0.0
-36.25°	2.1	0.0
-37.5°	2.1	0.0
-38.75°	2.0	0.0
-40°	2.0	0.0
-41.25°	2.0	0.0
-42.5°	1.9	0.0
-43.75°	1.9	0.0
-45°	1.8	0.0
-46.25°	1.8	0.0
-47.5°	1.8	0.0
-48.75°	1.7	0.0
-50°	1.7	0.0
-51.25°	1.6	0.0
-52.5°	1.6	0.0
-53.75°	1.5	0.0
-55°	1.5	0.0
-56.25°	1.4	0.0
-57.5°	1.4	0.0
-58.75°	1.3	0.0
-60°	1.3	0.0
-61.25°	1.3	0.0
-62.5°	1.2	0.0
-63.75°	1.1	0.0
-65°	1.1	0.0
-66.25°	1.0	0.0
-67.5°	1.0	0.0
-68.75°	0.9	0.0
-70°	0.9	0.0
-71.25°	0.8	0.0
-72.5°	0.8	0.0
-73.75°	0.7	0.0
-75°	0.7	0.0
-76.25°	0.6	0.0
-77.5°	0.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	0.5	0.0
-80°	0.5	0.0
-81.25°	0.4	0.0
-82.5°	0.3	0.0
-83.75°	0.3	0.0
-85°	0.2	0.0
-86.25°	0.2	0.0
-87.5°	0.1	0.0
-88.75°	0.1	0.0
-90°	0.0	0.0

(END OF REPORT)