

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: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

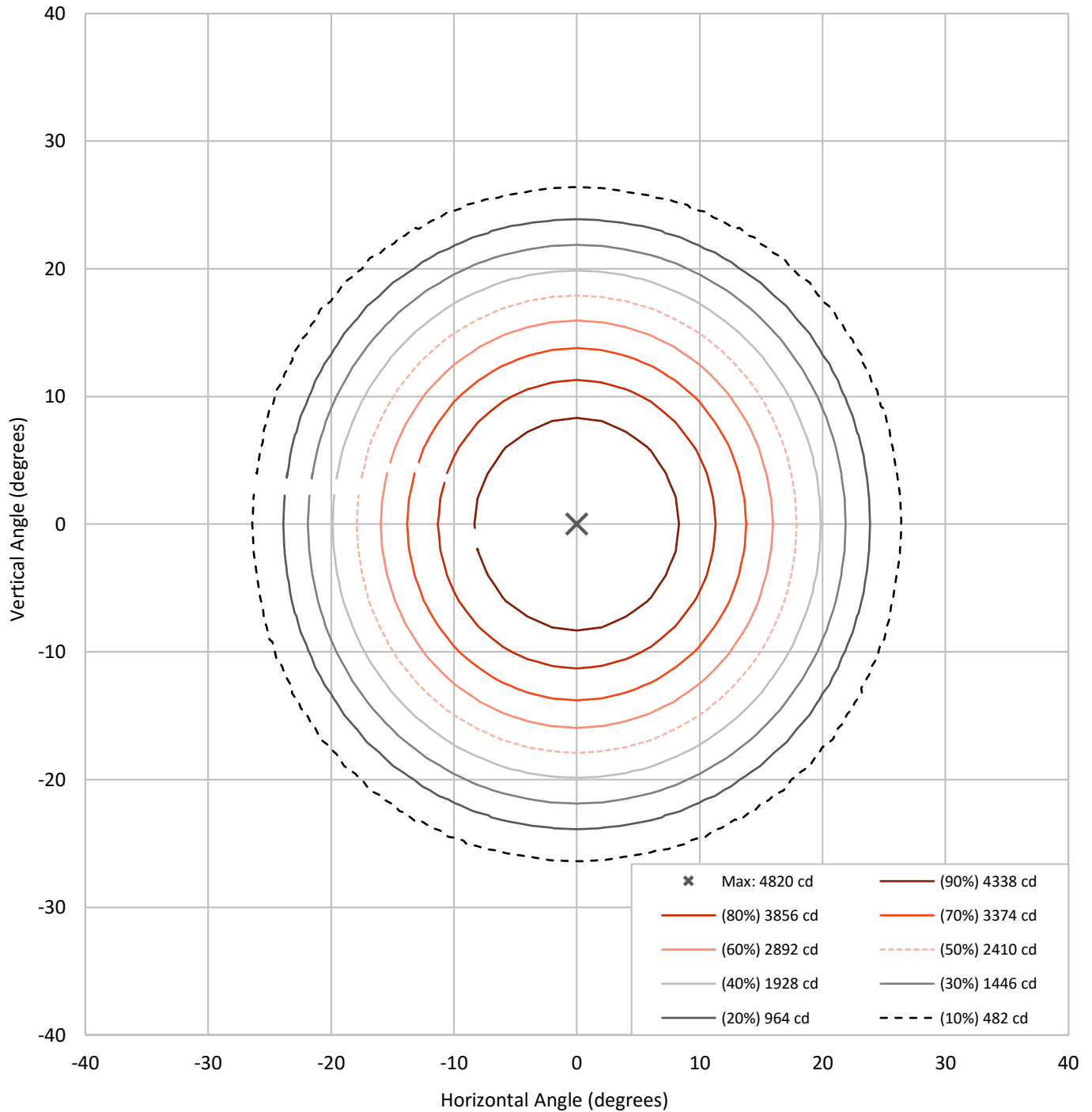
Test Method: LM-79-08  
Report Number: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1876.4 lumens	Max Intensity:	4820 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.8°H x 35.8°V	Field Angle (10%):	52.6°H x 52.6°V
Beam Lumens:	1103.3 lumens	Field Lumens:	1567.2 lumens
Beam Efficiency:	58.8%	Field Efficiency:	83.5%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





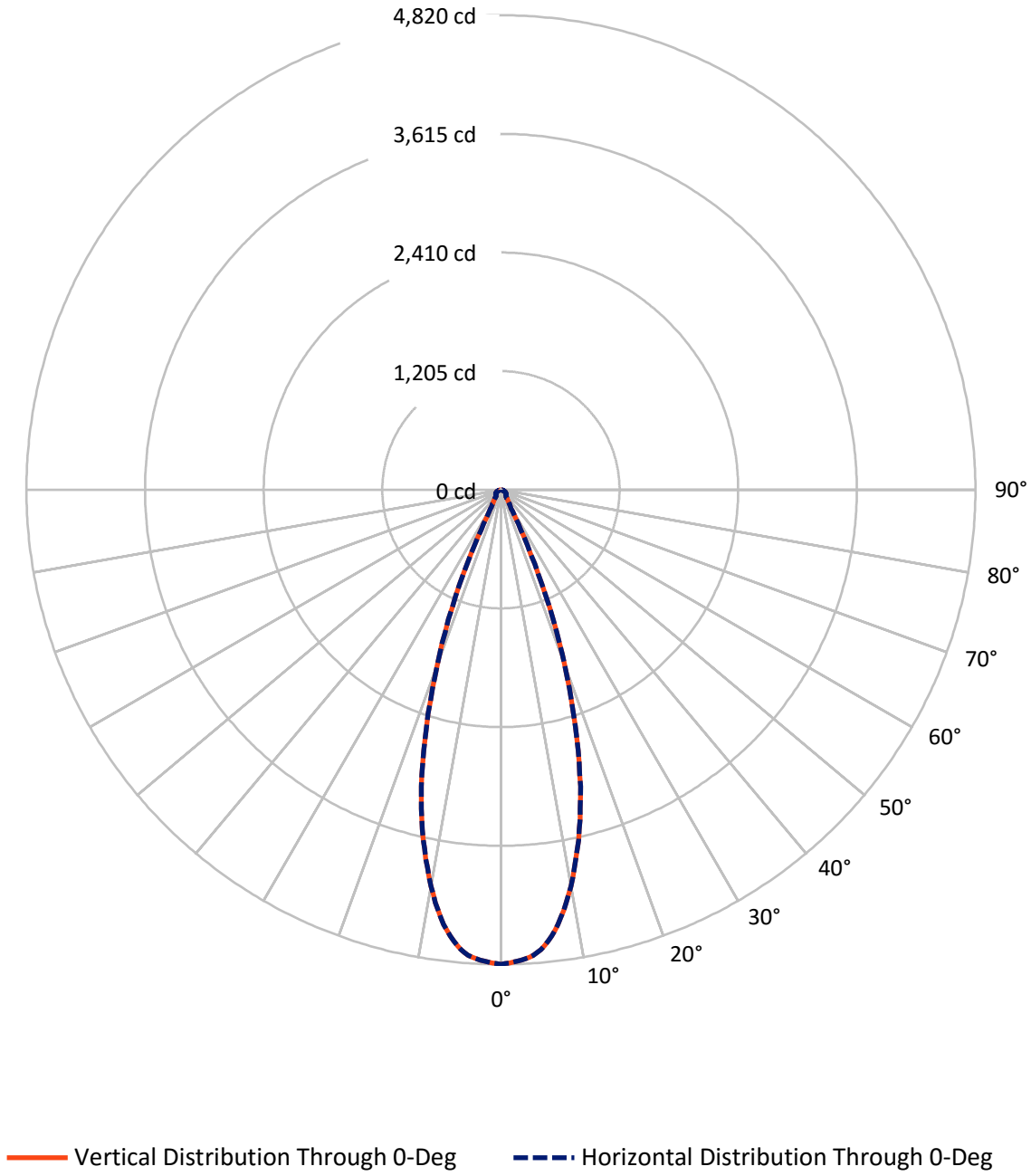
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### Lumen Table

90	0.1	0.4		1.0		1.5		1.7		1.5		1.0		0.4		0.1
80	0.1	0.4		1.0		1.5		1.7		1.5		1.0		0.4		0.1
70	0.2	0.2	0.3	0.5	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.5	0.3	0.2	0.2
60		0.3	0.5	0.8	1.2	1.6	1.8	1.9	1.9	1.8	1.6	1.2	0.8	0.5	0.3	
50	0.3	0.3	0.7	1.2	1.6	1.9	2.1	2.2	2.2	2.1	1.9	1.6	1.2	0.7	0.3	0.3
40		0.4	0.9	1.4	1.8	2.1	2.7	3.3	3.3	2.7	2.1	1.8	1.4	0.9	0.4	
30	0.4	0.5	1.0	1.5	1.9	3.2	9.4	22.1	22.1	9.4	3.2	1.9	1.5	1.0	0.5	0.4
20		0.5	1.1	1.5	2.3	8.9	47.2	85.9	85.9	47.2	8.9	2.3	1.5	1.1	0.5	
10	0.4	0.5	1.1	1.6	2.8	20.4	83.5	131.9	131.9	83.5	20.4	2.8	1.6	1.1	0.5	0.4
0		0.5	1.1	1.6	2.8	20.4	83.5	131.9	131.9	83.5	20.4	2.8	1.6	1.1	0.5	
-10	0.4	0.5	1.1	1.6	2.8	20.4	83.5	131.9	131.9	83.5	20.4	2.8	1.6	1.1	0.5	0.4
-20		0.5	1.1	1.5	2.3	8.9	47.2	85.9	85.9	47.2	8.9	2.3	1.5	1.1	0.5	
-30	0.4	0.5	1.0	1.5	1.9	3.2	9.4	22.1	22.1	9.4	3.2	1.9	1.5	1.0	0.5	0.4
-40		0.5	1.1	1.5	2.3	8.9	47.2	85.9	85.9	47.2	8.9	2.3	1.5	1.1	0.5	
-50	0.3	0.4	0.9	1.4	1.8	2.1	2.7	3.3	3.3	2.7	2.1	1.8	1.4	0.9	0.4	0.3
-60		0.3	0.7	1.2	1.6	1.9	2.1	2.2	2.2	2.1	1.9	1.6	1.2	0.7	0.3	
-70	0.2	0.3	0.5	0.8	1.2	1.6	1.8	1.9	1.9	1.8	1.6	1.2	0.8	0.5	0.3	0.2
-80		0.2	0.3	0.5	0.8	1.0	1.2	1.3	1.3	1.2	1.0	0.8	0.5	0.3	0.2	
-90	0.1	0.4		1.0		1.5		1.7		1.5		1.0		0.4		0.1

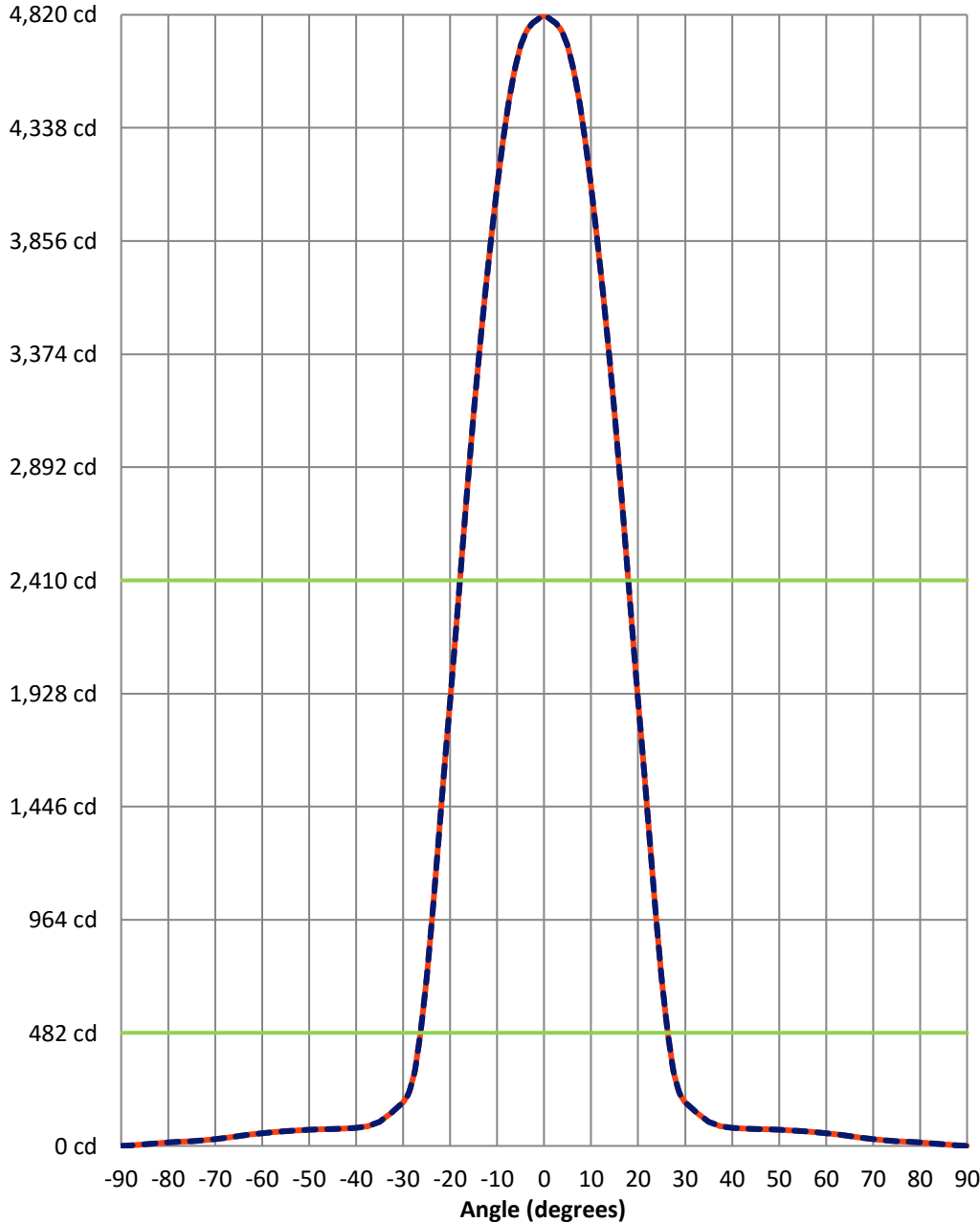
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.8°  
 V Angle: 35.8°  
 Lumens: 1103.3  
 Efficiency: 58.8%

**Field:**  
 H Angle: 52.6°  
 V Angle: 52.6°  
 Lumens: 1567.2  
 Efficiency: 83.5%

**Spill:**  
 Lumens: 309.2  
 Efficiency: 16.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.0	1.2	1.3
83.75°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
81.25°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.6	1.8	2.0	2.3
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.6
78.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.3
76.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.3	3.7
75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.6	4.1
73.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.5	4.0	4.6
72.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.8	4.4	5.0
71.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.5	4.1	4.8	5.4
70°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.8	4.4	5.1	5.8
68.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.1	4.8	5.5	6.2
67.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.6	4.3	5.1	5.9	6.6
66.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.8	4.6	5.4	6.2	7.0
65°	0.0	0.6	1.3	1.9	2.5	3.2	4.1	4.9	5.7	6.6	7.4
63.75°	0.0	0.7	1.3	2.0	2.7	3.4	4.3	5.2	6.0	6.9	7.8
62.5°	0.0	0.7	1.4	2.1	2.8	3.6	4.5	5.4	6.4	7.3	8.2
61.25°	0.0	0.7	1.4	2.2	2.9	3.8	4.8	5.7	6.7	7.6	8.6
60°	0.0	0.7	1.5	2.2	3.0	4.0	5.0	6.0	7.0	8.0	8.9
58.75°	0.0	0.8	1.6	2.3	3.1	4.2	5.2	6.2	7.3	8.3	9.3
57.5°	0.0	0.8	1.6	2.4	3.3	4.4	5.4	6.5	7.6	8.6	9.7
56.25°	0.0	0.8	1.7	2.5	3.4	4.5	5.7	6.8	7.9	9.0	10.1
55°	0.0	0.9	1.7	2.6	3.6	4.7	5.9	7.0	8.1	9.3	10.4
53.75°	0.0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.4	9.6	10.8
52.5°	0.0	0.9	1.8	2.7	3.9	5.1	6.3	7.5	8.7	9.9	11.1
51.25°	0.0	0.9	1.9	2.8	4.0	5.3	6.5	7.7	9.0	10.2	11.5
50°	0.0	1.0	1.9	2.9	4.1	5.4	6.7	8.0	9.3	10.5	11.8
48.75°	0.0	1.0	2.0	3.0	4.3	5.6	6.9	8.2	9.5	10.8	12.1
47.5°	0.0	1.0	2.0	3.1	4.4	5.7	7.1	8.4	9.8	11.1	12.5
46.25°	0.0	1.0	2.1	3.1	4.5	5.9	7.3	8.7	10.0	11.4	12.8
45°	0.0	1.1	2.1	3.2	4.7	6.1	7.5	8.9	10.3	11.7	13.1
43.75°	0.0	1.1	2.2	3.3	4.8	6.2	7.7	9.1	10.5	12.0	13.4
42.5°	0.0	1.1	2.2	3.4	4.9	6.4	7.8	9.3	10.8	12.2	13.7
41.25°	0.0	1.1	2.3	3.5	5.0	6.5	8.0	9.5	11.0	12.5	14.0
40°	0.0	1.1	2.3	3.6	5.1	6.7	8.2	9.7	11.2	12.8	14.3
38.75°	0.0	1.2	2.3	3.7	5.2	6.8	8.3	9.9	11.5	13.0	14.5
37.5°	0.0	1.2	2.4	3.8	5.3	6.9	8.5	10.1	11.7	13.2	14.8
36.25°	0.0	1.2	2.4	3.8	5.4	7.1	8.7	10.3	11.9	13.5	15.1
35°	0.0	1.2	2.5	3.9	5.6	7.2	8.8	10.5	12.1	13.7	15.3



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.2	2.5	4.0	5.6	7.3	9.0	10.6	12.3	13.9	15.4
32.5°	0.0	1.3	2.5	4.1	5.7	7.4	9.1	10.8	12.5	14.2	15.6
31.25°	0.0	1.3	2.6	4.1	5.8	7.5	9.3	11.0	12.7	14.4	15.8
30°	0.0	1.3	2.6	4.2	5.9	7.7	9.4	11.1	12.8	14.6	16.0
28.75°	0.0	1.3	2.6	4.3	6.0	7.8	9.5	11.3	13.0	14.8	16.1
27.5°	0.0	1.3	2.7	4.3	6.1	7.9	9.6	11.4	13.2	14.9	16.3
26.25°	0.0	1.3	2.7	4.4	6.2	8.0	9.8	11.5	13.3	15.1	16.4
25°	0.0	1.4	2.7	4.4	6.2	8.1	9.9	11.7	13.5	15.2	16.6
23.75°	0.0	1.4	2.7	4.5	6.3	8.2	10.0	11.8	13.6	15.3	16.7
22.5°	0.0	1.4	2.8	4.5	6.4	8.2	10.1	11.9	13.8	15.5	16.8
21.25°	0.0	1.4	2.8	4.6	6.5	8.3	10.2	12.0	13.9	15.6	17.0
20°	0.0	1.4	2.8	4.6	6.5	8.4	10.3	12.1	14.0	15.7	17.1
18.75°	0.0	1.4	2.8	4.7	6.6	8.5	10.4	12.3	14.1	15.8	17.2
17.5°	0.0	1.4	2.9	4.7	6.6	8.5	10.4	12.3	14.3	15.9	17.3
16.25°	0.0	1.4	2.9	4.8	6.7	8.6	10.5	12.4	14.4	16.0	17.4
15°	0.0	1.4	2.9	4.8	6.7	8.7	10.6	12.5	14.4	16.0	17.5
13.75°	0.0	1.5	2.9	4.8	6.8	8.7	10.7	12.6	14.5	16.1	17.6
12.5°	0.0	1.5	2.9	4.9	6.8	8.8	10.7	12.7	14.6	16.2	17.6
11.25°	0.0	1.5	2.9	4.9	6.8	8.8	10.8	12.7	14.7	16.2	17.7
10°	0.0	1.5	3.0	4.9	6.9	8.8	10.8	12.8	14.8	16.3	17.8
8.75°	0.0	1.5	3.0	4.9	6.9	8.9	10.9	12.8	14.8	16.3	17.8
7.5°	0.0	1.5	3.0	4.9	6.9	8.9	10.9	12.9	14.9	16.4	17.9
6.25°	0.0	1.5	3.0	5.0	7.0	8.9	10.9	12.9	14.9	16.4	17.9
5°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	12.9	14.9	16.4	17.9
3.75°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
2.5°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
1.25°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
0°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
-1.25°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
-2.5°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
-3.75°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	13.0	15.0	16.5	18.0
-5°	0.0	1.5	3.0	5.0	7.0	9.0	11.0	12.9	14.9	16.4	17.9
-6.25°	0.0	1.5	3.0	5.0	7.0	8.9	10.9	12.9	14.9	16.4	17.9
-7.5°	0.0	1.5	3.0	4.9	6.9	8.9	10.9	12.9	14.9	16.4	17.9
-8.75°	0.0	1.5	3.0	4.9	6.9	8.9	10.9	12.8	14.8	16.3	17.8
-10°	0.0	1.5	3.0	4.9	6.9	8.8	10.8	12.8	14.8	16.3	17.8
-11.25°	0.0	1.5	2.9	4.9	6.8	8.8	10.8	12.7	14.7	16.2	17.7
-12.5°	0.0	1.5	2.9	4.9	6.8	8.8	10.7	12.7	14.6	16.2	17.6
-13.75°	0.0	1.5	2.9	4.8	6.8	8.7	10.7	12.6	14.5	16.1	17.6
-15°	0.0	1.4	2.9	4.8	6.7	8.7	10.6	12.5	14.4	16.0	17.5
-16.25°	0.0	1.4	2.9	4.8	6.7	8.6	10.5	12.4	14.4	16.0	17.4
-17.5°	0.0	1.4	2.9	4.7	6.6	8.5	10.4	12.3	14.3	15.9	17.3
-18.75°	0.0	1.4	2.8	4.7	6.6	8.5	10.4	12.3	14.1	15.8	17.2
-20°	0.0	1.4	2.8	4.6	6.5	8.4	10.3	12.1	14.0	15.7	17.1
-21.25°	0.0	1.4	2.8	4.6	6.5	8.3	10.2	12.0	13.9	15.6	17.0





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.4	2.8	4.5	6.4	8.2	10.1	11.9	13.8	15.5	16.8
-23.75°	0.0	1.4	2.7	4.5	6.3	8.2	10.0	11.8	13.6	15.3	16.7
-25°	0.0	1.4	2.7	4.4	6.2	8.1	9.9	11.7	13.5	15.2	16.6
-26.25°	0.0	1.3	2.7	4.4	6.2	8.0	9.8	11.5	13.3	15.1	16.4
-27.5°	0.0	1.3	2.7	4.3	6.1	7.9	9.6	11.4	13.2	14.9	16.3
-28.75°	0.0	1.3	2.6	4.3	6.0	7.8	9.5	11.3	13.0	14.8	16.1
-30°	0.0	1.3	2.6	4.2	5.9	7.7	9.4	11.1	12.8	14.6	16.0
-31.25°	0.0	1.3	2.6	4.1	5.8	7.5	9.3	11.0	12.7	14.4	15.8
-32.5°	0.0	1.3	2.5	4.1	5.7	7.4	9.1	10.8	12.5	14.2	15.6
-33.75°	0.0	1.2	2.5	4.0	5.6	7.3	9.0	10.6	12.3	13.9	15.4
-35°	0.0	1.2	2.5	3.9	5.6	7.2	8.8	10.5	12.1	13.7	15.3
-36.25°	0.0	1.2	2.4	3.8	5.4	7.1	8.7	10.3	11.9	13.5	15.1
-37.5°	0.0	1.2	2.4	3.8	5.3	6.9	8.5	10.1	11.7	13.2	14.8
-38.75°	0.0	1.2	2.3	3.7	5.2	6.8	8.3	9.9	11.5	13.0	14.5
-40°	0.0	1.1	2.3	3.6	5.1	6.7	8.2	9.7	11.2	12.8	14.3
-41.25°	0.0	1.1	2.3	3.5	5.0	6.5	8.0	9.5	11.0	12.5	14.0
-42.5°	0.0	1.1	2.2	3.4	4.9	6.4	7.8	9.3	10.8	12.2	13.7
-43.75°	0.0	1.1	2.2	3.3	4.8	6.2	7.7	9.1	10.5	12.0	13.4
-45°	0.0	1.1	2.1	3.2	4.7	6.1	7.5	8.9	10.3	11.7	13.1
-46.25°	0.0	1.0	2.1	3.1	4.5	5.9	7.3	8.7	10.0	11.4	12.8
-47.5°	0.0	1.0	2.0	3.1	4.4	5.7	7.1	8.4	9.8	11.1	12.5
-48.75°	0.0	1.0	2.0	3.0	4.3	5.6	6.9	8.2	9.5	10.8	12.1
-50°	0.0	1.0	1.9	2.9	4.1	5.4	6.7	8.0	9.3	10.5	11.8
-51.25°	0.0	0.9	1.9	2.8	4.0	5.3	6.5	7.7	9.0	10.2	11.5
-52.5°	0.0	0.9	1.8	2.7	3.9	5.1	6.3	7.5	8.7	9.9	11.1
-53.75°	0.0	0.9	1.8	2.7	3.7	4.9	6.1	7.3	8.4	9.6	10.8
-55°	0.0	0.9	1.7	2.6	3.6	4.7	5.9	7.0	8.1	9.3	10.4
-56.25°	0.0	0.8	1.7	2.5	3.4	4.5	5.7	6.8	7.9	9.0	10.1
-57.5°	0.0	0.8	1.6	2.4	3.3	4.4	5.4	6.5	7.6	8.6	9.7
-58.75°	0.0	0.8	1.6	2.3	3.1	4.2	5.2	6.2	7.3	8.3	9.3
-60°	0.0	0.7	1.5	2.2	3.0	4.0	5.0	6.0	7.0	8.0	8.9
-61.25°	0.0	0.7	1.4	2.2	2.9	3.8	4.8	5.7	6.7	7.6	8.6
-62.5°	0.0	0.7	1.4	2.1	2.8	3.6	4.5	5.4	6.4	7.3	8.2
-63.75°	0.0	0.7	1.3	2.0	2.7	3.4	4.3	5.2	6.0	6.9	7.8
-65°	0.0	0.6	1.3	1.9	2.5	3.2	4.1	4.9	5.7	6.6	7.4
-66.25°	0.0	0.6	1.2	1.8	2.4	3.0	3.8	4.6	5.4	6.2	7.0
-67.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.6	4.3	5.1	5.9	6.6
-68.75°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.1	4.8	5.5	6.2
-70°	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.8	4.4	5.1	5.8
-71.25°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.5	4.1	4.8	5.4
-72.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.8	4.4	5.0
-73.75°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.5	4.0	4.6
-75°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.6	4.1
-76.25°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.3	3.7
-77.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.3



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**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
87.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
86.25°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0
85°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7
83.75°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.4
82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.1	4.3
81.25°	2.5	2.7	2.9	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2
80°	2.8	3.1	3.5	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.0
78.75°	3.3	3.6	4.0	4.4	4.8	5.1	5.5	5.9	6.2	6.6	6.9
77.5°	3.7	4.1	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8
76.25°	4.2	4.6	5.1	5.6	6.0	6.5	6.9	7.3	7.8	8.2	8.7
75°	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.0	9.5
73.75°	5.1	5.6	6.2	6.7	7.3	7.8	8.3	8.8	9.4	9.9	10.4
72.5°	5.6	6.1	6.7	7.3	7.9	8.4	9.0	9.6	10.1	10.7	11.2
71.25°	6.0	6.6	7.3	7.9	8.5	9.1	9.7	10.3	10.9	11.5	12.1
70°	6.5	7.1	7.8	8.4	9.1	9.7	10.4	11.0	11.7	12.3	12.9
68.75°	6.9	7.6	8.3	9.0	9.7	10.4	11.1	11.8	12.4	13.1	13.8
67.5°	7.3	8.1	8.8	9.6	10.3	11.0	11.8	12.5	13.2	13.9	14.6
66.25°	7.8	8.6	9.4	10.1	10.9	11.7	12.4	13.2	13.9	14.7	15.3
65°	8.2	9.0	9.9	10.7	11.5	12.3	13.1	13.9	14.7	15.3	15.9
63.75°	8.7	9.5	10.4	11.2	12.1	12.9	13.8	14.6	15.3	15.9	16.5
62.5°	9.1	10.0	10.9	11.8	12.7	13.5	14.4	15.2	15.9	16.5	17.1
61.25°	9.5	10.4	11.4	12.3	13.2	14.1	15.0	15.7	16.4	17.1	17.7
60°	9.9	10.9	11.9	12.8	13.8	14.8	15.5	16.2	16.9	17.6	18.2
58.75°	10.3	11.3	12.4	13.4	14.4	15.3	16.0	16.7	17.5	18.1	18.6
57.5°	10.7	11.8	12.8	13.9	14.9	15.7	16.5	17.2	18.0	18.5	19.0
56.25°	11.1	12.2	13.3	14.4	15.3	16.1	16.9	17.7	18.3	18.9	19.4
55°	11.5	12.7	13.8	14.9	15.7	16.6	17.4	18.1	18.7	19.2	19.8
53.75°	11.9	13.1	14.2	15.3	16.1	17.0	17.9	18.5	19.0	19.6	20.3
52.5°	12.3	13.5	14.7	15.7	16.5	17.4	18.2	18.8	19.4	19.9	21.0
51.25°	12.7	13.9	15.1	16.0	16.9	17.8	18.5	19.1	19.7	20.5	21.7
50°	13.1	14.3	15.4	16.4	17.3	18.2	18.8	19.4	20.0	21.2	22.4
48.75°	13.4	14.7	15.8	16.7	17.7	18.4	19.1	19.7	20.6	21.9	23.1
47.5°	13.8	15.1	16.1	17.1	18.0	18.7	19.3	20.0	21.3	22.5	23.8
46.25°	14.1	15.4	16.4	17.4	18.3	18.9	19.6	20.6	21.9	23.2	24.6
45°	14.5	15.7	16.7	17.7	18.5	19.2	19.9	21.1	22.5	23.8	25.4
43.75°	14.8	15.9	17.0	18.0	18.7	19.4	20.3	21.7	23.1	24.6	26.3
42.5°	15.1	16.2	17.3	18.2	19.0	19.7	20.8	22.2	23.6	25.3	27.1
41.25°	15.4	16.5	17.6	18.5	19.2	19.9	21.3	22.8	24.3	26.1	27.8
40°	15.6	16.7	17.9	18.7	19.4	20.3	21.8	23.3	24.9	26.8	28.6
38.75°	15.8	17.0	18.1	18.9	19.6	20.8	22.3	23.8	25.6	27.5	29.4
37.5°	16.0	17.2	18.3	19.0	19.8	21.2	22.7	24.3	26.3	28.2	30.3
36.25°	16.3	17.5	18.4	19.2	20.0	21.6	23.2	25.0	26.9	28.9	31.2
35°	16.5	17.7	18.6	19.4	20.4	22.0	23.6	25.5	27.5	29.6	32.0



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	16.7	17.9	18.8	19.6	20.8	22.4	24.1	26.1	28.1	30.4	32.8
32.5°	16.9	18.1	18.9	19.8	21.2	22.8	24.6	26.7	28.7	31.1	33.6
31.25°	17.1	18.2	19.1	19.9	21.5	23.2	25.1	27.2	29.3	31.8	34.3
30°	17.3	18.4	19.2	20.2	21.9	23.6	25.6	27.7	30.0	32.5	35.1
28.75°	17.4	18.5	19.4	20.5	22.2	23.9	26.1	28.2	30.6	33.2	35.9
27.5°	17.6	18.6	19.5	20.8	22.5	24.3	26.5	28.7	31.2	33.8	36.7
26.25°	17.8	18.7	19.6	21.0	22.8	24.7	26.9	29.2	31.8	34.5	37.4
25°	17.9	18.9	19.8	21.3	23.1	25.1	27.4	29.7	32.4	35.1	38.2
23.75°	18.1	19.0	19.9	21.6	23.4	25.5	27.7	30.2	32.9	35.7	38.9
22.5°	18.1	19.1	20.0	21.8	23.6	25.8	28.1	30.7	33.4	36.4	39.5
21.25°	18.2	19.2	20.2	22.0	23.9	26.2	28.5	31.1	33.9	36.9	40.2
20°	18.3	19.3	20.4	22.3	24.2	26.5	28.8	31.6	34.4	37.5	40.8
18.75°	18.4	19.3	20.6	22.5	24.4	26.8	29.2	32.0	34.8	38.1	41.3
17.5°	18.5	19.4	20.8	22.7	24.7	27.1	29.5	32.4	35.2	38.6	41.9
16.25°	18.6	19.5	20.9	22.8	24.9	27.3	29.9	32.7	35.7	39.0	42.4
15°	18.6	19.6	21.1	23.0	25.2	27.6	30.2	33.1	36.1	39.5	42.8
13.75°	18.7	19.6	21.2	23.2	25.4	27.8	30.5	33.4	36.5	39.9	43.2
12.5°	18.7	19.7	21.4	23.3	25.6	28.0	30.7	33.7	36.8	40.2	43.6
11.25°	18.8	19.8	21.5	23.4	25.8	28.2	31.0	33.9	37.1	40.6	44.0
10°	18.8	19.8	21.6	23.6	25.9	28.4	31.2	34.1	37.4	40.9	44.3
8.75°	18.9	19.9	21.7	23.7	26.0	28.5	31.4	34.3	37.7	41.1	44.6
7.5°	18.9	19.9	21.8	23.8	26.2	28.6	31.5	34.5	37.9	41.4	44.8
6.25°	18.9	19.9	21.8	23.8	26.3	28.8	31.7	34.7	38.1	41.6	45.0
5°	19.0	20.0	21.9	23.9	26.4	28.8	31.8	34.8	38.2	41.7	45.2
3.75°	19.0	20.0	21.9	23.9	26.4	28.9	31.9	34.9	38.3	41.8	45.3
2.5°	19.0	20.0	22.0	24.0	26.5	29.0	31.9	34.9	38.4	41.9	45.4
1.25°	19.0	20.0	22.0	24.0	26.5	29.0	32.0	35.0	38.5	42.0	45.5
0°	19.0	20.0	22.0	24.0	26.5	29.0	32.0	35.0	38.5	42.0	45.5
-1.25°	19.0	20.0	22.0	24.0	26.5	29.0	32.0	35.0	38.5	42.0	45.5
-2.5°	19.0	20.0	22.0	24.0	26.5	29.0	31.9	34.9	38.4	41.9	45.4
-3.75°	19.0	20.0	21.9	23.9	26.4	28.9	31.9	34.9	38.3	41.8	45.3
-5°	19.0	20.0	21.9	23.9	26.4	28.8	31.8	34.8	38.2	41.7	45.2
-6.25°	18.9	19.9	21.8	23.8	26.3	28.8	31.7	34.7	38.1	41.6	45.0
-7.5°	18.9	19.9	21.8	23.8	26.2	28.6	31.5	34.5	37.9	41.4	44.8
-8.75°	18.9	19.9	21.7	23.7	26.0	28.5	31.4	34.3	37.7	41.1	44.6
-10°	18.8	19.8	21.6	23.6	25.9	28.4	31.2	34.1	37.4	40.9	44.3
-11.25°	18.8	19.8	21.5	23.4	25.8	28.2	31.0	33.9	37.1	40.6	44.0
-12.5°	18.7	19.7	21.4	23.3	25.6	28.0	30.7	33.7	36.8	40.2	43.6
-13.75°	18.7	19.6	21.2	23.2	25.4	27.8	30.5	33.4	36.5	39.9	43.2
-15°	18.6	19.6	21.1	23.0	25.2	27.6	30.2	33.1	36.1	39.5	42.8
-16.25°	18.6	19.5	20.9	22.8	24.9	27.3	29.9	32.7	35.7	39.0	42.4
-17.5°	18.5	19.4	20.8	22.7	24.7	27.1	29.5	32.4	35.2	38.6	41.9
-18.75°	18.4	19.3	20.6	22.5	24.4	26.8	29.2	32.0	34.8	38.1	41.3
-20°	18.3	19.3	20.4	22.3	24.2	26.5	28.8	31.6	34.4	37.5	40.8
-21.25°	18.2	19.2	20.2	22.0	23.9	26.2	28.5	31.1	33.9	36.9	40.2



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	18.1	19.1	20.0	21.8	23.6	25.8	28.1	30.7	33.4	36.4	39.5
-23.75°	18.1	19.0	19.9	21.6	23.4	25.5	27.7	30.2	32.9	35.7	38.9
-25°	17.9	18.9	19.8	21.3	23.1	25.1	27.4	29.7	32.4	35.1	38.2
-26.25°	17.8	18.7	19.6	21.0	22.8	24.7	26.9	29.2	31.8	34.5	37.4
-27.5°	17.6	18.6	19.5	20.8	22.5	24.3	26.5	28.7	31.2	33.8	36.7
-28.75°	17.4	18.5	19.4	20.5	22.2	23.9	26.1	28.2	30.6	33.2	35.9
-30°	17.3	18.4	19.2	20.2	21.9	23.6	25.6	27.7	30.0	32.5	35.1
-31.25°	17.1	18.2	19.1	19.9	21.5	23.2	25.1	27.2	29.3	31.8	34.3
-32.5°	16.9	18.1	18.9	19.8	21.2	22.8	24.6	26.7	28.7	31.1	33.6
-33.75°	16.7	17.9	18.8	19.6	20.8	22.4	24.1	26.1	28.1	30.4	32.8
-35°	16.5	17.7	18.6	19.4	20.4	22.0	23.6	25.5	27.5	29.6	32.0
-36.25°	16.3	17.5	18.4	19.2	20.0	21.6	23.2	25.0	26.9	28.9	31.2
-37.5°	16.0	17.2	18.3	19.0	19.8	21.2	22.7	24.3	26.3	28.2	30.3
-38.75°	15.8	17.0	18.1	18.9	19.6	20.8	22.3	23.8	25.6	27.5	29.4
-40°	15.6	16.7	17.9	18.7	19.4	20.3	21.8	23.3	24.9	26.8	28.6
-41.25°	15.4	16.5	17.6	18.5	19.2	19.9	21.3	22.8	24.3	26.1	27.8
-42.5°	15.1	16.2	17.3	18.2	19.0	19.7	20.8	22.2	23.6	25.3	27.1
-43.75°	14.8	15.9	17.0	18.0	18.7	19.4	20.3	21.7	23.1	24.6	26.3
-45°	14.5	15.7	16.7	17.7	18.5	19.2	19.9	21.1	22.5	23.8	25.4
-46.25°	14.1	15.4	16.4	17.4	18.3	18.9	19.6	20.6	21.9	23.2	24.6
-47.5°	13.8	15.1	16.1	17.1	18.0	18.7	19.3	20.0	21.3	22.5	23.8
-48.75°	13.4	14.7	15.8	16.7	17.7	18.4	19.1	19.7	20.6	21.9	23.1
-50°	13.1	14.3	15.4	16.4	17.3	18.2	18.8	19.4	20.0	21.2	22.4
-51.25°	12.7	13.9	15.1	16.0	16.9	17.8	18.5	19.1	19.7	20.5	21.7
-52.5°	12.3	13.5	14.7	15.7	16.5	17.4	18.2	18.8	19.4	19.9	21.0
-53.75°	11.9	13.1	14.2	15.3	16.1	17.0	17.9	18.5	19.0	19.6	20.3
-55°	11.5	12.7	13.8	14.9	15.7	16.6	17.4	18.1	18.7	19.2	19.8
-56.25°	11.1	12.2	13.3	14.4	15.3	16.1	16.9	17.7	18.3	18.9	19.4
-57.5°	10.7	11.8	12.8	13.9	14.9	15.7	16.5	17.2	18.0	18.5	19.0
-58.75°	10.3	11.3	12.4	13.4	14.4	15.3	16.0	16.7	17.5	18.1	18.6
-60°	9.9	10.9	11.9	12.8	13.8	14.8	15.5	16.2	16.9	17.6	18.2
-61.25°	9.5	10.4	11.4	12.3	13.2	14.1	15.0	15.7	16.4	17.1	17.7
-62.5°	9.1	10.0	10.9	11.8	12.7	13.5	14.4	15.2	15.9	16.5	17.1
-63.75°	8.7	9.5	10.4	11.2	12.1	12.9	13.8	14.6	15.3	15.9	16.5
-65°	8.2	9.0	9.9	10.7	11.5	12.3	13.1	13.9	14.7	15.3	15.9
-66.25°	7.8	8.6	9.4	10.1	10.9	11.7	12.4	13.2	13.9	14.7	15.3
-67.5°	7.3	8.1	8.8	9.6	10.3	11.0	11.8	12.5	13.2	13.9	14.6
-68.75°	6.9	7.6	8.3	9.0	9.7	10.4	11.1	11.8	12.4	13.1	13.8
-70°	6.5	7.1	7.8	8.4	9.1	9.7	10.4	11.0	11.7	12.3	12.9
-71.25°	6.0	6.6	7.3	7.9	8.5	9.1	9.7	10.3	10.9	11.5	12.1
-72.5°	5.6	6.1	6.7	7.3	7.9	8.4	9.0	9.6	10.1	10.7	11.2
-73.75°	5.1	5.6	6.2	6.7	7.3	7.8	8.3	8.8	9.4	9.9	10.4
-75°	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.0	9.5
-76.25°	4.2	4.6	5.1	5.6	6.0	6.5	6.9	7.3	7.8	8.2	8.7
-77.5°	3.7	4.1	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	3.3	3.6	4.0	4.4	4.8	5.1	5.5	5.9	6.2	6.6	6.9
-80°	2.8	3.1	3.5	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.0
-81.25°	2.5	2.7	2.9	3.2	3.5	3.8	4.1	4.3	4.6	4.9	5.2
-82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.6	3.8	4.1	4.3
-83.75°	1.8	1.9	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.4
-85°	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.7
-86.25°	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0
-87.5°	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3	1.3
-88.75°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	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: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
87.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
86.25°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
85°	2.8	2.9	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
83.75°	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.3	5.4
82.5°	4.5	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.7
81.25°	5.4	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.5	7.7	8.0
80°	6.4	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.7	9.0	9.3
78.75°	7.3	7.6	8.0	8.3	8.6	9.0	9.3	9.6	9.9	10.2	10.5
77.5°	8.2	8.6	8.9	9.3	9.7	10.1	10.4	10.8	11.1	11.5	11.8
76.25°	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1
75°	10.0	10.4	10.9	11.3	11.8	12.2	12.7	13.1	13.5	13.9	14.3
73.75°	10.9	11.4	11.9	12.4	12.8	13.3	13.8	14.2	14.7	15.1	15.4
72.5°	11.8	12.3	12.8	13.4	13.9	14.4	14.9	15.3	15.7	16.0	16.4
71.25°	12.7	13.2	13.8	14.4	14.9	15.3	15.7	16.1	16.5	16.9	17.3
70°	13.5	14.1	14.8	15.3	15.7	16.1	16.6	17.0	17.4	17.8	18.2
68.75°	14.4	15.0	15.5	16.0	16.5	16.9	17.4	17.9	18.2	18.5	18.8
67.5°	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.5	18.8	19.1	19.4
66.25°	15.9	16.4	16.9	17.5	18.0	18.3	18.7	19.0	19.4	19.7	20.0
65°	16.5	17.1	17.6	18.1	18.5	18.9	19.2	19.6	19.9	20.5	21.2
63.75°	17.1	17.7	18.2	18.6	19.0	19.4	19.8	20.3	21.0	21.7	22.4
62.5°	17.8	18.3	18.7	19.1	19.5	19.9	20.6	21.4	22.1	22.9	23.6
61.25°	18.3	18.7	19.1	19.6	20.0	20.8	21.6	22.4	23.2	24.0	25.0
60°	18.7	19.1	19.6	20.1	20.9	21.8	22.7	23.5	24.4	25.5	26.5
58.75°	19.1	19.6	20.1	21.0	21.9	22.8	23.7	24.7	25.8	26.9	28.0
57.5°	19.5	20.0	20.9	21.9	22.8	23.8	24.9	26.0	27.2	28.3	29.5
56.25°	19.9	20.8	21.8	22.8	23.8	25.0	26.2	27.4	28.5	29.8	31.2
55°	20.6	21.6	22.7	23.7	24.9	26.2	27.4	28.7	30.0	31.5	32.9
53.75°	21.4	22.4	23.5	24.7	26.0	27.4	28.7	30.1	31.6	33.1	34.6
52.5°	22.1	23.2	24.4	25.8	27.2	28.5	30.0	31.6	33.2	34.8	36.5
51.25°	22.9	24.0	25.5	26.9	28.3	29.8	31.5	33.1	34.8	36.6	38.4
50°	23.6	25.0	26.5	28.0	29.5	31.2	32.9	34.6	36.5	38.4	40.3
48.75°	24.5	26.0	27.5	29.0	30.8	32.6	34.3	36.3	38.3	40.2	42.2
47.5°	25.4	26.9	28.5	30.2	32.1	33.9	35.8	37.9	40.0	42.0	44.1
46.25°	26.2	27.9	29.5	31.5	33.3	35.3	37.4	39.6	41.7	43.8	45.9
45°	27.1	28.8	30.7	32.6	34.6	36.8	39.0	41.2	43.4	45.6	47.7
43.75°	28.0	29.8	31.8	33.8	35.9	38.3	40.5	42.8	45.0	47.3	49.3
42.5°	28.8	30.8	32.9	35.0	37.3	39.7	42.0	44.4	46.7	49.0	50.6
41.25°	29.8	31.9	34.0	36.3	38.7	41.1	43.5	45.9	48.3	50.1	51.8
40°	30.7	32.9	35.1	37.6	40.1	42.5	45.0	47.4	49.6	51.3	53.0
38.75°	31.7	33.9	36.3	38.8	41.4	43.9	46.4	48.9	50.7	52.4	54.2
37.5°	32.6	34.8	37.4	40.0	42.6	45.2	47.8	50.0	51.8	53.5	55.3
36.25°	33.5	35.9	38.6	41.2	43.9	46.5	49.1	51.0	52.8	54.6	56.4
35°	34.3	37.0	39.7	42.4	45.1	47.8	50.0	51.9	53.8	55.7	57.5



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	35.2	38.0	40.8	43.5	46.3	49.0	51.0	52.9	54.8	56.7	58.6
32.5°	36.2	39.0	41.8	44.6	47.4	49.9	51.9	53.8	55.8	57.7	59.5
31.25°	37.1	40.0	42.9	45.7	48.6	50.7	52.7	54.7	56.7	58.7	60.3
30°	38.0	40.9	43.8	46.8	49.5	51.5	53.6	55.6	57.6	59.5	61.1
28.75°	38.9	41.8	44.8	47.7	50.2	52.3	54.4	56.5	58.5	60.3	61.9
27.5°	39.7	42.7	45.7	48.7	50.9	53.0	55.2	57.3	59.3	61.0	62.6
26.25°	40.5	43.6	46.6	49.5	51.6	53.8	55.9	58.1	59.9	61.6	63.2
25°	41.3	44.4	47.4	50.1	52.3	54.5	56.6	58.8	60.6	62.3	63.8
23.75°	42.0	45.1	48.3	50.7	52.9	55.1	57.3	59.4	61.2	62.9	64.2
22.5°	42.7	45.9	49.0	51.3	53.5	55.8	58.0	60.0	61.8	63.4	64.7
21.25°	43.4	46.6	49.6	51.8	54.1	56.4	58.6	60.5	62.3	63.8	65.2
20°	44.0	47.2	50.0	52.4	54.6	56.9	59.2	61.0	62.8	64.2	65.6
18.75°	44.6	47.9	50.5	52.8	55.2	57.5	59.6	61.5	63.2	64.6	66.0
17.5°	45.2	48.5	51.0	53.3	55.7	58.0	60.1	61.9	63.6	65.0	66.4
16.25°	45.7	49.0	51.4	53.7	56.1	58.5	60.5	62.3	63.9	65.3	66.7
15°	46.2	49.4	51.8	54.1	56.5	58.9	60.8	62.7	64.2	65.6	67.1
13.75°	46.6	49.7	52.1	54.5	56.9	59.3	61.2	63.1	64.5	65.9	67.4
12.5°	47.0	50.0	52.4	54.9	57.3	59.6	61.5	63.3	64.8	66.2	67.6
11.25°	47.4	50.3	52.7	55.2	57.6	59.8	61.8	63.5	65.0	66.4	67.9
10°	47.7	50.5	53.0	55.4	57.9	60.1	62.0	63.7	65.2	66.7	68.1
8.75°	48.0	50.8	53.2	55.7	58.2	60.3	62.3	63.9	65.4	66.9	68.3
7.5°	48.3	51.0	53.4	55.9	58.4	60.5	62.5	64.1	65.5	67.0	68.5
6.25°	48.5	51.1	53.6	56.1	58.6	60.6	62.6	64.2	65.7	67.2	68.7
5°	48.7	51.3	53.7	56.2	58.7	60.8	62.8	64.3	65.8	67.3	68.8
3.75°	48.8	51.4	53.9	56.4	58.8	60.9	62.9	64.4	65.9	67.4	68.9
2.5°	48.9	51.4	53.9	56.4	58.9	60.9	62.9	64.5	65.9	67.4	68.9
1.25°	49.0	51.5	54.0	56.5	59.0	61.0	63.0	64.5	66.0	67.5	69.0
0°	49.0	51.5	54.0	56.5	59.0	61.0	63.0	64.5	66.0	67.5	69.0
-1.25°	49.0	51.5	54.0	56.5	59.0	61.0	63.0	64.5	66.0	67.5	69.0
-2.5°	48.9	51.4	53.9	56.4	58.9	60.9	62.9	64.5	65.9	67.4	68.9
-3.75°	48.8	51.4	53.9	56.4	58.8	60.9	62.9	64.4	65.9	67.4	68.9
-5°	48.7	51.3	53.7	56.2	58.7	60.8	62.8	64.3	65.8	67.3	68.8
-6.25°	48.5	51.1	53.6	56.1	58.6	60.6	62.6	64.2	65.7	67.2	68.7
-7.5°	48.3	51.0	53.4	55.9	58.4	60.5	62.5	64.1	65.5	67.0	68.5
-8.75°	48.0	50.8	53.2	55.7	58.2	60.3	62.3	63.9	65.4	66.9	68.3
-10°	47.7	50.5	53.0	55.4	57.9	60.1	62.0	63.7	65.2	66.7	68.1
-11.25°	47.4	50.3	52.7	55.2	57.6	59.8	61.8	63.5	65.0	66.4	67.9
-12.5°	47.0	50.0	52.4	54.9	57.3	59.6	61.5	63.3	64.8	66.2	67.6
-13.75°	46.6	49.7	52.1	54.5	56.9	59.3	61.2	63.1	64.5	65.9	67.4
-15°	46.2	49.4	51.8	54.1	56.5	58.9	60.8	62.7	64.2	65.6	67.1
-16.25°	45.7	49.0	51.4	53.7	56.1	58.5	60.5	62.3	63.9	65.3	66.7
-17.5°	45.2	48.5	51.0	53.3	55.7	58.0	60.1	61.9	63.6	65.0	66.4
-18.75°	44.6	47.9	50.5	52.8	55.2	57.5	59.6	61.5	63.2	64.6	66.0
-20°	44.0	47.2	50.0	52.4	54.6	56.9	59.2	61.0	62.8	64.2	65.6
-21.25°	43.4	46.6	49.6	51.8	54.1	56.4	58.6	60.5	62.3	63.8	65.2





REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	42.7	45.9	49.0	51.3	53.5	55.8	58.0	60.0	61.8	63.4	64.7
-23.75°	42.0	45.1	48.3	50.7	52.9	55.1	57.3	59.4	61.2	62.9	64.2
-25°	41.3	44.4	47.4	50.1	52.3	54.5	56.6	58.8	60.6	62.3	63.8
-26.25°	40.5	43.6	46.6	49.5	51.6	53.8	55.9	58.1	59.9	61.6	63.2
-27.5°	39.7	42.7	45.7	48.7	50.9	53.0	55.2	57.3	59.3	61.0	62.6
-28.75°	38.9	41.8	44.8	47.7	50.2	52.3	54.4	56.5	58.5	60.3	61.9
-30°	38.0	40.9	43.8	46.8	49.5	51.5	53.6	55.6	57.6	59.5	61.1
-31.25°	37.1	40.0	42.9	45.7	48.6	50.7	52.7	54.7	56.7	58.7	60.3
-32.5°	36.2	39.0	41.8	44.6	47.4	49.9	51.9	53.8	55.8	57.7	59.5
-33.75°	35.2	38.0	40.8	43.5	46.3	49.0	51.0	52.9	54.8	56.7	58.6
-35°	34.3	37.0	39.7	42.4	45.1	47.8	50.0	51.9	53.8	55.7	57.5
-36.25°	33.5	35.9	38.6	41.2	43.9	46.5	49.1	51.0	52.8	54.6	56.4
-37.5°	32.6	34.8	37.4	40.0	42.6	45.2	47.8	50.0	51.8	53.5	55.3
-38.75°	31.7	33.9	36.3	38.8	41.4	43.9	46.4	48.9	50.7	52.4	54.2
-40°	30.7	32.9	35.1	37.6	40.1	42.5	45.0	47.4	49.6	51.3	53.0
-41.25°	29.8	31.9	34.0	36.3	38.7	41.1	43.5	45.9	48.3	50.1	51.8
-42.5°	28.8	30.8	32.9	35.0	37.3	39.7	42.0	44.4	46.7	49.0	50.6
-43.75°	28.0	29.8	31.8	33.8	35.9	38.3	40.5	42.8	45.0	47.3	49.3
-45°	27.1	28.8	30.7	32.6	34.6	36.8	39.0	41.2	43.4	45.6	47.7
-46.25°	26.2	27.9	29.5	31.5	33.3	35.3	37.4	39.6	41.7	43.8	45.9
-47.5°	25.4	26.9	28.5	30.2	32.1	33.9	35.8	37.9	40.0	42.0	44.1
-48.75°	24.5	26.0	27.5	29.0	30.8	32.6	34.3	36.3	38.3	40.2	42.2
-50°	23.6	25.0	26.5	28.0	29.5	31.2	32.9	34.6	36.5	38.4	40.3
-51.25°	22.9	24.0	25.5	26.9	28.3	29.8	31.5	33.1	34.8	36.6	38.4
-52.5°	22.1	23.2	24.4	25.8	27.2	28.5	30.0	31.6	33.2	34.8	36.5
-53.75°	21.4	22.4	23.5	24.7	26.0	27.4	28.7	30.1	31.6	33.1	34.6
-55°	20.6	21.6	22.7	23.7	24.9	26.2	27.4	28.7	30.0	31.5	32.9
-56.25°	19.9	20.8	21.8	22.8	23.8	25.0	26.2	27.4	28.5	29.8	31.2
-57.5°	19.5	20.0	20.9	21.9	22.8	23.8	24.9	26.0	27.2	28.3	29.5
-58.75°	19.1	19.6	20.1	21.0	21.9	22.8	23.7	24.7	25.8	26.9	28.0
-60°	18.7	19.1	19.6	20.1	20.9	21.8	22.7	23.5	24.4	25.5	26.5
-61.25°	18.3	18.7	19.1	19.6	20.0	20.8	21.6	22.4	23.2	24.0	25.0
-62.5°	17.8	18.3	18.7	19.1	19.5	19.9	20.6	21.4	22.1	22.9	23.6
-63.75°	17.1	17.7	18.2	18.6	19.0	19.4	19.8	20.3	21.0	21.7	22.4
-65°	16.5	17.1	17.6	18.1	18.5	18.9	19.2	19.6	19.9	20.5	21.2
-66.25°	15.9	16.4	16.9	17.5	18.0	18.3	18.7	19.0	19.4	19.7	20.0
-67.5°	15.2	15.7	16.2	16.7	17.2	17.7	18.1	18.5	18.8	19.1	19.4
-68.75°	14.4	15.0	15.5	16.0	16.5	16.9	17.4	17.9	18.2	18.5	18.8
-70°	13.5	14.1	14.8	15.3	15.7	16.1	16.6	17.0	17.4	17.8	18.2
-71.25°	12.7	13.2	13.8	14.4	14.9	15.3	15.7	16.1	16.5	16.9	17.3
-72.5°	11.8	12.3	12.8	13.4	13.9	14.4	14.9	15.3	15.7	16.0	16.4
-73.75°	10.9	11.4	11.9	12.4	12.8	13.3	13.8	14.2	14.7	15.1	15.4
-75°	10.0	10.4	10.9	11.3	11.8	12.2	12.7	13.1	13.5	13.9	14.3
-76.25°	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9	12.3	12.7	13.1
-77.5°	8.2	8.6	8.9	9.3	9.7	10.1	10.4	10.8	11.1	11.5	11.8



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-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°	7.3	7.6	8.0	8.3	8.6	9.0	9.3	9.6	9.9	10.2	10.5
-80°	6.4	6.7	7.0	7.3	7.6	7.9	8.1	8.4	8.7	9.0	9.3
-81.25°	5.4	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.5	7.7	8.0
-82.5°	4.5	4.8	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.7
-83.75°	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.3	5.4
-85°	2.8	2.9	3.0	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.1
-86.25°	2.1	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
-87.5°	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8	1.9	1.9
-88.75°	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
86.25°	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
85°	4.3	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4
83.75°	5.6	5.7	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.1
82.5°	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.5	8.7
81.25°	8.2	8.4	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3
80°	9.5	9.8	10.0	10.3	10.5	10.8	11.0	11.2	11.5	11.7	11.9
78.75°	10.8	11.1	11.4	11.7	12.0	12.2	12.5	12.8	13.0	13.2	13.5
77.5°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.5	14.8	15.1
76.25°	13.4	13.8	14.1	14.5	14.8	15.1	15.4	15.6	15.8	16.0	16.3
75°	14.7	15.1	15.4	15.7	15.9	16.2	16.5	16.7	17.0	17.2	17.5
73.75°	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.1	18.3	18.4
72.5°	16.7	17.1	17.4	17.7	18.0	18.2	18.5	18.7	18.9	19.0	19.2
71.25°	17.7	18.0	18.3	18.5	18.7	19.0	19.2	19.4	19.6	19.8	20.0
70°	18.4	18.7	18.9	19.2	19.4	19.7	19.9	20.3	20.8	21.2	21.6
68.75°	19.1	19.3	19.6	19.9	20.3	20.8	21.3	21.8	22.3	22.7	23.2
67.5°	19.7	20.0	20.6	21.1	21.7	22.2	22.8	23.3	23.8	24.3	25.0
66.25°	20.6	21.3	21.9	22.5	23.1	23.6	24.3	24.9	25.6	26.3	26.9
65°	21.9	22.5	23.2	23.8	24.6	25.3	26.1	26.8	27.5	28.2	28.9
63.75°	23.1	23.8	24.6	25.4	26.3	27.1	27.8	28.6	29.4	30.3	31.2
62.5°	24.5	25.4	26.2	27.1	28.0	28.8	29.8	30.7	31.7	32.6	33.5
61.25°	26.0	26.9	27.9	28.8	29.8	30.8	31.9	32.9	33.9	34.8	35.9
60°	27.5	28.5	29.5	30.7	31.8	32.9	34.0	35.1	36.3	37.4	38.6
58.75°	29.0	30.2	31.5	32.6	33.8	35.0	36.3	37.6	38.8	40.0	41.2
57.5°	30.8	32.1	33.3	34.6	35.9	37.3	38.7	40.1	41.4	42.6	43.9
56.25°	32.6	33.9	35.3	36.8	38.3	39.7	41.1	42.5	43.9	45.2	46.5
55°	34.3	35.8	37.4	39.0	40.5	42.0	43.5	45.0	46.4	47.8	49.1
53.75°	36.3	37.9	39.6	41.2	42.8	44.4	45.9	47.4	48.9	50.0	51.0
52.5°	38.3	40.0	41.7	43.4	45.0	46.7	48.3	49.6	50.7	51.8	52.8
51.25°	40.2	42.0	43.8	45.6	47.3	49.0	50.1	51.3	52.4	53.5	54.6
50°	42.2	44.1	45.9	47.7	49.3	50.6	51.8	53.0	54.2	55.3	56.4
48.75°	44.2	46.1	48.0	49.6	50.9	52.2	53.4	54.7	55.9	57.1	58.2
47.5°	46.1	48.0	49.7	51.1	52.4	53.7	55.1	56.3	57.6	58.8	59.8
46.25°	48.0	49.7	51.1	52.5	53.9	55.3	56.7	58.0	59.2	60.2	61.2
45°	49.6	51.1	52.5	54.0	55.4	56.8	58.2	59.5	60.5	61.6	62.6
43.75°	50.9	52.4	53.9	55.4	56.9	58.4	59.6	60.8	61.9	62.9	63.8
42.5°	52.2	53.7	55.3	56.8	58.4	59.7	60.9	62.0	63.1	64.0	64.8
41.25°	53.4	55.1	56.7	58.2	59.6	60.9	62.1	63.2	64.1	64.9	65.8
40°	54.7	56.3	58.0	59.5	60.8	62.0	63.2	64.1	65.0	65.9	66.8
38.75°	55.9	57.6	59.2	60.5	61.9	63.1	64.1	65.0	66.0	66.9	67.8
37.5°	57.1	58.8	60.2	61.6	62.9	64.0	64.9	65.9	66.9	67.8	68.7
36.25°	58.2	59.8	61.2	62.6	63.8	64.8	65.8	66.8	67.8	68.7	69.5
35°	59.3	60.8	62.2	63.5	64.5	65.6	66.6	67.6	68.6	69.4	70.1



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	60.2	61.7	63.1	64.2	65.3	66.4	67.4	68.5	69.3	70.0	70.7
32.5°	61.1	62.6	63.8	64.9	66.0	67.1	68.2	69.2	69.9	70.6	71.1
31.25°	61.9	63.3	64.5	65.6	66.8	67.9	69.0	69.7	70.5	71.1	71.4
30°	62.7	64.0	65.1	66.3	67.5	68.6	69.5	70.2	71.0	71.4	71.7
28.75°	63.4	64.6	65.8	67.0	68.2	69.2	70.0	70.8	71.3	71.6	72.0
27.5°	64.0	65.2	66.4	67.6	68.8	69.7	70.5	71.1	71.5	71.9	72.5
26.25°	64.5	65.8	67.0	68.2	69.3	70.1	70.9	71.4	71.8	72.3	73.1
25°	65.0	66.3	67.6	68.8	69.7	70.5	71.2	71.6	72.0	72.8	73.6
23.75°	65.5	66.8	68.1	69.3	70.1	71.0	71.4	71.8	72.4	73.3	74.1
22.5°	66.0	67.3	68.6	69.6	70.5	71.2	71.6	72.0	72.9	73.7	74.8
21.25°	66.5	67.8	69.1	70.0	70.9	71.4	71.8	72.4	73.3	74.2	75.5
20°	66.9	68.3	69.4	70.3	71.1	71.5	72.0	72.8	73.7	74.8	76.1
18.75°	67.4	68.7	69.7	70.6	71.3	71.7	72.3	73.2	74.1	75.4	76.7
17.5°	67.8	69.1	70.0	70.9	71.4	71.9	72.6	73.5	74.7	76.0	77.8
16.25°	68.1	69.3	70.3	71.1	71.6	72.0	73.0	73.9	75.2	76.5	79.1
15°	68.5	69.6	70.5	71.2	71.7	72.3	73.3	74.3	75.7	77.1	80.3
13.75°	68.8	69.8	70.8	71.4	71.8	72.6	73.5	74.7	76.1	78.1	81.4
12.5°	69.1	70.0	71.0	71.5	71.9	72.8	73.8	75.1	76.5	79.1	82.4
11.25°	69.2	70.2	71.1	71.6	72.1	73.0	74.0	75.4	76.9	80.0	83.4
10°	69.4	70.4	71.2	71.7	72.3	73.2	74.3	75.8	77.5	80.9	84.6
8.75°	69.5	70.5	71.2	71.7	72.4	73.4	74.6	76.1	78.2	81.6	86.7
7.5°	69.7	70.6	71.3	71.8	72.6	73.6	74.8	76.3	78.8	82.2	88.5
6.25°	69.8	70.8	71.4	71.9	72.7	73.7	75.0	76.5	79.3	82.8	90.0
5°	69.8	70.8	71.4	71.9	72.8	73.8	75.2	76.7	79.7	83.2	91.2
3.75°	69.9	70.9	71.5	72.0	72.9	73.9	75.3	76.8	80.1	83.6	92.2
2.5°	70.0	71.0	71.5	72.0	73.0	74.0	75.4	76.9	80.3	83.8	92.9
1.25°	70.0	71.0	71.5	72.0	73.0	74.0	75.5	77.0	80.5	84.0	93.4
0°	70.0	71.0	71.5	72.0	73.0	74.0	75.5	77.0	80.5	84.0	93.5
-1.25°	70.0	71.0	71.5	72.0	73.0	74.0	75.5	77.0	80.5	84.0	93.4
-2.5°	70.0	71.0	71.5	72.0	73.0	74.0	75.4	76.9	80.3	83.8	92.9
-3.75°	69.9	70.9	71.5	72.0	72.9	73.9	75.3	76.8	80.1	83.6	92.2
-5°	69.8	70.8	71.4	71.9	72.8	73.8	75.2	76.7	79.7	83.2	91.2
-6.25°	69.8	70.8	71.4	71.9	72.7	73.7	75.0	76.5	79.3	82.8	90.0
-7.5°	69.7	70.6	71.3	71.8	72.6	73.6	74.8	76.3	78.8	82.2	88.5
-8.75°	69.5	70.5	71.2	71.7	72.4	73.4	74.6	76.1	78.2	81.6	86.7
-10°	69.4	70.4	71.2	71.7	72.3	73.2	74.3	75.8	77.5	80.9	84.6
-11.25°	69.2	70.2	71.1	71.6	72.1	73.0	74.0	75.4	76.9	80.0	83.4
-12.5°	69.1	70.0	71.0	71.5	71.9	72.8	73.8	75.1	76.5	79.1	82.4
-13.75°	68.8	69.8	70.8	71.4	71.8	72.6	73.5	74.7	76.1	78.1	81.4
-15°	68.5	69.6	70.5	71.2	71.7	72.3	73.3	74.3	75.7	77.1	80.3
-16.25°	68.1	69.3	70.3	71.1	71.6	72.0	73.0	73.9	75.2	76.5	79.1
-17.5°	67.8	69.1	70.0	70.9	71.4	71.9	72.6	73.5	74.7	76.0	77.8
-18.75°	67.4	68.7	69.7	70.6	71.3	71.7	72.3	73.2	74.1	75.4	76.7
-20°	66.9	68.3	69.4	70.3	71.1	71.5	72.0	72.8	73.7	74.8	76.1
-21.25°	66.5	67.8	69.1	70.0	70.9	71.4	71.8	72.4	73.3	74.2	75.5



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	66.0	67.3	68.6	69.6	70.5	71.2	71.6	72.0	72.9	73.7	74.8
-23.75°	65.5	66.8	68.1	69.3	70.1	71.0	71.4	71.8	72.4	73.3	74.1
-25°	65.0	66.3	67.6	68.8	69.7	70.5	71.2	71.6	72.0	72.8	73.6
-26.25°	64.5	65.8	67.0	68.2	69.3	70.1	70.9	71.4	71.8	72.3	73.1
-27.5°	64.0	65.2	66.4	67.6	68.8	69.7	70.5	71.1	71.5	71.9	72.5
-28.75°	63.4	64.6	65.8	67.0	68.2	69.2	70.0	70.8	71.3	71.6	72.0
-30°	62.7	64.0	65.1	66.3	67.5	68.6	69.5	70.2	71.0	71.4	71.7
-31.25°	61.9	63.3	64.5	65.6	66.8	67.9	69.0	69.7	70.5	71.1	71.4
-32.5°	61.1	62.6	63.8	64.9	66.0	67.1	68.2	69.2	69.9	70.6	71.1
-33.75°	60.2	61.7	63.1	64.2	65.3	66.4	67.4	68.5	69.3	70.0	70.7
-35°	59.3	60.8	62.2	63.5	64.5	65.6	66.6	67.6	68.6	69.4	70.1
-36.25°	58.2	59.8	61.2	62.6	63.8	64.8	65.8	66.8	67.8	68.7	69.5
-37.5°	57.1	58.8	60.2	61.6	62.9	64.0	64.9	65.9	66.9	67.8	68.7
-38.75°	55.9	57.6	59.2	60.5	61.9	63.1	64.1	65.0	66.0	66.9	67.8
-40°	54.7	56.3	58.0	59.5	60.8	62.0	63.2	64.1	65.0	65.9	66.8
-41.25°	53.4	55.1	56.7	58.2	59.6	60.9	62.1	63.2	64.1	64.9	65.8
-42.5°	52.2	53.7	55.3	56.8	58.4	59.7	60.9	62.0	63.1	64.0	64.8
-43.75°	50.9	52.4	53.9	55.4	56.9	58.4	59.6	60.8	61.9	62.9	63.8
-45°	49.6	51.1	52.5	54.0	55.4	56.8	58.2	59.5	60.5	61.6	62.6
-46.25°	48.0	49.7	51.1	52.5	53.9	55.3	56.7	58.0	59.2	60.2	61.2
-47.5°	46.1	48.0	49.7	51.1	52.4	53.7	55.1	56.3	57.6	58.8	59.8
-48.75°	44.2	46.1	48.0	49.6	50.9	52.2	53.4	54.7	55.9	57.1	58.2
-50°	42.2	44.1	45.9	47.7	49.3	50.6	51.8	53.0	54.2	55.3	56.4
-51.25°	40.2	42.0	43.8	45.6	47.3	49.0	50.1	51.3	52.4	53.5	54.6
-52.5°	38.3	40.0	41.7	43.4	45.0	46.7	48.3	49.6	50.7	51.8	52.8
-53.75°	36.3	37.9	39.6	41.2	42.8	44.4	45.9	47.4	48.9	50.0	51.0
-55°	34.3	35.8	37.4	39.0	40.5	42.0	43.5	45.0	46.4	47.8	49.1
-56.25°	32.6	33.9	35.3	36.8	38.3	39.7	41.1	42.5	43.9	45.2	46.5
-57.5°	30.8	32.1	33.3	34.6	35.9	37.3	38.7	40.1	41.4	42.6	43.9
-58.75°	29.0	30.2	31.5	32.6	33.8	35.0	36.3	37.6	38.8	40.0	41.2
-60°	27.5	28.5	29.5	30.7	31.8	32.9	34.0	35.1	36.3	37.4	38.6
-61.25°	26.0	26.9	27.9	28.8	29.8	30.8	31.9	32.9	33.9	34.8	35.9
-62.5°	24.5	25.4	26.2	27.1	28.0	28.8	29.8	30.7	31.7	32.6	33.5
-63.75°	23.1	23.8	24.6	25.4	26.3	27.1	27.8	28.6	29.4	30.3	31.2
-65°	21.9	22.5	23.2	23.8	24.6	25.3	26.1	26.8	27.5	28.2	28.9
-66.25°	20.6	21.3	21.9	22.5	23.1	23.6	24.3	24.9	25.6	26.3	26.9
-67.5°	19.7	20.0	20.6	21.1	21.7	22.2	22.8	23.3	23.8	24.3	25.0
-68.75°	19.1	19.3	19.6	19.9	20.3	20.8	21.3	21.8	22.3	22.7	23.2
-70°	18.4	18.7	18.9	19.2	19.4	19.7	19.9	20.3	20.8	21.2	21.6
-71.25°	17.7	18.0	18.3	18.5	18.7	19.0	19.2	19.4	19.6	19.8	20.0
-72.5°	16.7	17.1	17.4	17.7	18.0	18.2	18.5	18.7	18.9	19.0	19.2
-73.75°	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.1	18.3	18.4
-75°	14.7	15.1	15.4	15.7	15.9	16.2	16.5	16.7	17.0	17.2	17.5
-76.25°	13.4	13.8	14.1	14.5	14.8	15.1	15.4	15.6	15.8	16.0	16.3
-77.5°	12.1	12.5	12.8	13.1	13.4	13.7	14.0	14.3	14.5	14.8	15.1



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	10.8	11.1	11.4	11.7	12.0	12.2	12.5	12.8	13.0	13.2	13.5
-80°	9.5	9.8	10.0	10.3	10.5	10.8	11.0	11.2	11.5	11.7	11.9
-81.25°	8.2	8.4	8.7	8.9	9.1	9.3	9.5	9.7	9.9	10.1	10.3
-82.5°	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.5	8.7
-83.75°	5.6	5.7	5.9	6.1	6.2	6.4	6.5	6.7	6.8	6.9	7.1
-85°	4.3	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4
-86.25°	3.0	3.1	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.8
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
-88.75°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
86.25°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
85°	5.6	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.4
83.75°	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.2
82.5°	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10.0	10.1
81.25°	10.5	10.6	10.8	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9
80°	12.1	12.3	12.5	12.7	12.8	13.0	13.2	13.3	13.5	13.6	13.8
78.75°	13.7	13.9	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.3	15.5
77.5°	15.3	15.4	15.6	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.8
76.25°	16.5	16.7	16.9	17.1	17.3	17.4	17.6	17.8	17.9	18.1	18.1
75°	17.7	17.9	18.1	18.2	18.4	18.5	18.6	18.7	18.9	19.0	19.1
73.75°	18.6	18.8	18.9	19.1	19.2	19.4	19.5	19.6	19.8	19.9	20.0
72.5°	19.4	19.6	19.8	19.9	20.2	20.5	20.8	21.0	21.3	21.6	21.8
71.25°	20.4	20.8	21.2	21.5	21.9	22.2	22.5	22.8	23.1	23.4	23.6
70°	22.0	22.4	22.8	23.2	23.6	23.9	24.3	24.7	25.1	25.5	25.8
68.75°	23.6	24.1	24.6	25.1	25.6	26.1	26.5	26.9	27.4	27.7	28.1
67.5°	25.5	26.1	26.7	27.2	27.7	28.2	28.7	29.2	29.7	30.2	30.7
66.25°	27.5	28.1	28.7	29.3	30.0	30.6	31.2	31.8	32.4	32.9	33.4
65°	29.6	30.4	31.1	31.8	32.5	33.2	33.8	34.5	35.1	35.7	36.4
63.75°	32.0	32.8	33.6	34.3	35.1	35.9	36.7	37.4	38.2	38.9	39.5
62.5°	34.3	35.2	36.2	37.1	38.0	38.9	39.7	40.5	41.3	42.0	42.7
61.25°	37.0	38.0	39.0	40.0	40.9	41.8	42.7	43.6	44.4	45.1	45.9
60°	39.7	40.8	41.8	42.9	43.8	44.8	45.7	46.6	47.4	48.3	49.0
58.75°	42.4	43.5	44.6	45.7	46.8	47.7	48.7	49.5	50.1	50.7	51.3
57.5°	45.1	46.3	47.4	48.6	49.5	50.2	50.9	51.6	52.3	52.9	53.5
56.25°	47.8	49.0	49.9	50.7	51.5	52.3	53.0	53.8	54.5	55.1	55.8
55°	50.0	51.0	51.9	52.7	53.6	54.4	55.2	55.9	56.6	57.3	58.0
53.75°	51.9	52.9	53.8	54.7	55.6	56.5	57.3	58.1	58.8	59.4	60.0
52.5°	53.8	54.8	55.8	56.7	57.6	58.5	59.3	59.9	60.6	61.2	61.8
51.25°	55.7	56.7	57.7	58.7	59.5	60.3	61.0	61.6	62.3	62.9	63.4
50°	57.5	58.6	59.5	60.3	61.1	61.9	62.6	63.2	63.8	64.2	64.7
48.75°	59.3	60.2	61.1	61.9	62.7	63.4	64.0	64.5	65.0	65.5	66.0
47.5°	60.8	61.7	62.6	63.3	64.0	64.6	65.2	65.8	66.3	66.8	67.3
46.25°	62.2	63.1	63.8	64.5	65.1	65.8	66.4	67.0	67.6	68.1	68.6
45°	63.5	64.2	64.9	65.6	66.3	67.0	67.6	68.2	68.8	69.3	69.6
43.75°	64.5	65.3	66.0	66.8	67.5	68.2	68.8	69.3	69.7	70.1	70.5
42.5°	65.6	66.4	67.1	67.9	68.6	69.2	69.7	70.1	70.5	71.0	71.2
41.25°	66.6	67.4	68.2	69.0	69.5	70.0	70.5	70.9	71.2	71.4	71.6
40°	67.6	68.5	69.2	69.7	70.2	70.8	71.1	71.4	71.6	71.8	72.0
38.75°	68.6	69.3	69.9	70.5	71.0	71.3	71.5	71.8	72.0	72.4	72.9
37.5°	69.4	70.0	70.6	71.1	71.4	71.6	71.9	72.3	72.8	73.3	73.7
36.25°	70.1	70.7	71.1	71.4	71.7	72.0	72.5	73.1	73.6	74.1	74.8
35°	70.7	71.2	71.5	71.8	72.1	72.7	73.3	73.8	74.5	75.3	76.0

REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	71.2	71.5	71.8	72.2	72.8	73.4	74.0	74.9	75.7	76.5	77.5
32.5°	71.5	71.8	72.3	72.9	73.5	74.2	75.1	76.0	76.8	78.5	80.3
31.25°	71.8	72.2	72.9	73.6	74.3	75.3	76.2	77.2	79.2	81.2	83.1
30°	72.1	72.8	73.5	74.3	75.3	76.3	77.5	79.7	81.8	83.8	88.9
28.75°	72.7	73.4	74.2	75.3	76.3	77.7	79.9	82.2	84.9	90.6	96.1
27.5°	73.3	74.0	75.1	76.2	77.5	79.9	82.3	85.6	91.6	97.5	103.5
26.25°	73.8	74.9	76.0	77.2	79.7	82.2	85.6	92.0	98.2	105.7	117.5
25°	74.5	75.7	76.8	79.2	81.8	84.9	91.6	98.2	106.4	119.0	131.2
23.75°	75.3	76.5	78.5	81.2	83.8	90.6	97.5	105.7	119.0	132.0	145.3
22.5°	76.0	77.5	80.3	83.1	88.9	96.1	103.5	117.5	131.2	145.3	160.8
21.25°	76.7	79.2	82.1	86.5	94.0	101.5	114.6	129.0	143.5	159.9	175.9
20°	77.9	80.9	83.8	91.2	99.0	110.2	125.2	140.0	157.1	173.9	192.1
18.75°	79.4	82.4	87.8	95.8	104.4	120.0	135.4	152.4	170.1	188.0	212.5
17.5°	80.8	83.9	92.0	100.1	113.4	129.4	145.9	164.4	182.6	206.1	253.8
16.25°	82.2	87.5	95.9	105.4	121.9	138.3	156.9	175.8	197.8	238.0	319.0
15°	83.4	91.1	99.6	113.2	130.0	147.7	167.2	186.8	216.2	281.4	400.1
13.75°	85.7	94.4	103.1	120.3	137.5	157.0	176.9	200.9	248.6	347.1	499.1
12.5°	88.6	97.4	109.5	127.0	145.1	165.6	185.9	217.5	290.6	424.0	605.5
11.25°	91.3	100.2	115.3	133.1	152.6	173.5	197.4	243.9	344.6	505.5	709.4
10°	93.7	102.8	120.6	138.6	159.5	180.6	207.8	269.9	402.9	591.2	818.0
8.75°	95.8	107.0	125.3	144.0	165.6	187.4	224.5	311.9	466.4	672.4	916.3
7.5°	97.7	111.0	129.4	149.1	170.9	195.2	242.5	348.7	522.2	748.3	1011.7
6.25°	99.3	114.3	132.9	153.5	175.5	201.9	257.9	383.4	579.2	818.8	1095.0
5°	100.6	117.1	135.8	157.1	179.2	207.4	275.0	420.9	627.3	877.2	1164.0
3.75°	101.7	119.2	138.1	159.9	182.2	212.5	294.4	450.4	665.0	923.1	1220.8
2.5°	102.4	120.8	139.7	161.9	184.3	219.3	308.3	471.5	692.2	959.3	1261.9
1.25°	102.9	121.7	140.7	163.1	185.6	223.4	316.7	484.2	708.5	981.6	1286.7
0°	103.0	122.0	141.0	163.5	186.0	224.8	319.5	488.5	714.0	989.0	1295.0
-1.25°	102.9	121.7	140.7	163.1	185.6	223.4	316.7	484.2	708.5	981.6	1286.7
-2.5°	102.4	120.8	139.7	161.9	184.3	219.3	308.3	471.5	692.2	959.3	1261.9
-3.75°	101.7	119.2	138.1	159.9	182.2	212.5	294.4	450.4	665.0	923.1	1220.8
-5°	100.6	117.1	135.8	157.1	179.2	207.4	275.0	420.9	627.3	877.2	1164.0
-6.25°	99.3	114.3	132.9	153.5	175.5	201.9	257.9	383.4	579.2	818.8	1095.0
-7.5°	97.7	111.0	129.4	149.1	170.9	195.2	242.5	348.7	522.2	748.3	1011.7
-8.75°	95.8	107.0	125.3	144.0	165.6	187.4	224.5	311.9	466.4	672.4	916.3
-10°	93.7	102.8	120.6	138.6	159.5	180.6	207.8	269.9	402.9	591.2	818.0
-11.25°	91.3	100.2	115.3	133.1	152.6	173.5	197.4	243.9	344.6	505.5	709.4
-12.5°	88.6	97.4	109.5	127.0	145.1	165.6	185.9	217.5	290.6	424.0	605.5
-13.75°	85.7	94.4	103.1	120.3	137.5	157.0	176.9	200.9	248.6	347.1	499.1
-15°	83.4	91.1	99.6	113.2	130.0	147.7	167.2	186.8	216.2	281.4	400.1
-16.25°	82.2	87.5	95.9	105.4	121.9	138.3	156.9	175.8	197.8	238.0	319.0
-17.5°	80.8	83.9	92.0	100.1	113.4	129.4	145.9	164.4	182.6	206.1	253.8
-18.75°	79.4	82.4	87.8	95.8	104.4	120.0	135.4	152.4	170.1	188.0	212.5
-20°	77.9	80.9	83.8	91.2	99.0	110.2	125.2	140.0	157.1	173.9	192.1
-21.25°	76.7	79.2	82.1	86.5	94.0	101.5	114.6	129.0	143.5	159.9	175.9





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**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	76.0	77.5	80.3	83.1	88.9	96.1	103.5	117.5	131.2	145.3	160.8
-23.75°	75.3	76.5	78.5	81.2	83.8	90.6	97.5	105.7	119.0	132.0	145.3
-25°	74.5	75.7	76.8	79.2	81.8	84.9	91.6	98.2	106.4	119.0	131.2
-26.25°	73.8	74.9	76.0	77.2	79.7	82.2	85.6	92.0	98.2	105.7	117.5
-27.5°	73.3	74.0	75.1	76.2	77.5	79.9	82.3	85.6	91.6	97.5	103.5
-28.75°	72.7	73.4	74.2	75.3	76.3	77.7	79.9	82.2	84.9	90.6	96.1
-30°	72.1	72.8	73.5	74.3	75.3	76.3	77.5	79.7	81.8	83.8	88.9
-31.25°	71.8	72.2	72.9	73.6	74.3	75.3	76.2	77.2	79.2	81.2	83.1
-32.5°	71.5	71.8	72.3	72.9	73.5	74.2	75.1	76.0	76.8	78.5	80.3
-33.75°	71.2	71.5	71.8	72.2	72.8	73.4	74.0	74.9	75.7	76.5	77.5
-35°	70.7	71.2	71.5	71.8	72.1	72.7	73.3	73.8	74.5	75.3	76.0
-36.25°	70.1	70.7	71.1	71.4	71.7	72.0	72.5	73.1	73.6	74.1	74.8
-37.5°	69.4	70.0	70.6	71.1	71.4	71.6	71.9	72.3	72.8	73.3	73.7
-38.75°	68.6	69.3	69.9	70.5	71.0	71.3	71.5	71.8	72.0	72.4	72.9
-40°	67.6	68.5	69.2	69.7	70.2	70.8	71.1	71.4	71.6	71.8	72.0
-41.25°	66.6	67.4	68.2	69.0	69.5	70.0	70.5	70.9	71.2	71.4	71.6
-42.5°	65.6	66.4	67.1	67.9	68.6	69.2	69.7	70.1	70.5	71.0	71.2
-43.75°	64.5	65.3	66.0	66.8	67.5	68.2	68.8	69.3	69.7	70.1	70.5
-45°	63.5	64.2	64.9	65.6	66.3	67.0	67.6	68.2	68.8	69.3	69.6
-46.25°	62.2	63.1	63.8	64.5	65.1	65.8	66.4	67.0	67.6	68.1	68.6
-47.5°	60.8	61.7	62.6	63.3	64.0	64.6	65.2	65.8	66.3	66.8	67.3
-48.75°	59.3	60.2	61.1	61.9	62.7	63.4	64.0	64.5	65.0	65.5	66.0
-50°	57.5	58.6	59.5	60.3	61.1	61.9	62.6	63.2	63.8	64.2	64.7
-51.25°	55.7	56.7	57.7	58.7	59.5	60.3	61.0	61.6	62.3	62.9	63.4
-52.5°	53.8	54.8	55.8	56.7	57.6	58.5	59.3	59.9	60.6	61.2	61.8
-53.75°	51.9	52.9	53.8	54.7	55.6	56.5	57.3	58.1	58.8	59.4	60.0
-55°	50.0	51.0	51.9	52.7	53.6	54.4	55.2	55.9	56.6	57.3	58.0
-56.25°	47.8	49.0	49.9	50.7	51.5	52.3	53.0	53.8	54.5	55.1	55.8
-57.5°	45.1	46.3	47.4	48.6	49.5	50.2	50.9	51.6	52.3	52.9	53.5
-58.75°	42.4	43.5	44.6	45.7	46.8	47.7	48.7	49.5	50.1	50.7	51.3
-60°	39.7	40.8	41.8	42.9	43.8	44.8	45.7	46.6	47.4	48.3	49.0
-61.25°	37.0	38.0	39.0	40.0	40.9	41.8	42.7	43.6	44.4	45.1	45.9
-62.5°	34.3	35.2	36.2	37.1	38.0	38.9	39.7	40.5	41.3	42.0	42.7
-63.75°	32.0	32.8	33.6	34.3	35.1	35.9	36.7	37.4	38.2	38.9	39.5
-65°	29.6	30.4	31.1	31.8	32.5	33.2	33.8	34.5	35.1	35.7	36.4
-66.25°	27.5	28.1	28.7	29.3	30.0	30.6	31.2	31.8	32.4	32.9	33.4
-67.5°	25.5	26.1	26.7	27.2	27.7	28.2	28.7	29.2	29.7	30.2	30.7
-68.75°	23.6	24.1	24.6	25.1	25.6	26.1	26.5	26.9	27.4	27.7	28.1
-70°	22.0	22.4	22.8	23.2	23.6	23.9	24.3	24.7	25.1	25.5	25.8
-71.25°	20.4	20.8	21.2	21.5	21.9	22.2	22.5	22.8	23.1	23.4	23.6
-72.5°	19.4	19.6	19.8	19.9	20.2	20.5	20.8	21.0	21.3	21.6	21.8
-73.75°	18.6	18.8	18.9	19.1	19.2	19.4	19.5	19.6	19.8	19.9	20.0
-75°	17.7	17.9	18.1	18.2	18.4	18.5	18.6	18.7	18.9	19.0	19.1
-76.25°	16.5	16.7	16.9	17.1	17.3	17.4	17.6	17.8	17.9	18.1	18.1
-77.5°	15.3	15.4	15.6	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.8



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	13.7	13.9	14.2	14.4	14.6	14.8	14.9	15.1	15.2	15.3	15.5
-80°	12.1	12.3	12.5	12.7	12.8	13.0	13.2	13.3	13.5	13.6	13.8
-81.25°	10.5	10.6	10.8	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9
-82.5°	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9	10.0	10.1
-83.75°	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	8.2
-85°	5.6	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.2	6.3	6.4
-86.25°	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5
-87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8
-88.75°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
87.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
86.25°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
85°	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9
83.75°	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.8	8.9
82.5°	10.2	10.3	10.4	10.4	10.5	10.6	10.7	10.7	10.8	10.8	10.9
81.25°	12.0	12.1	12.3	12.3	12.4	12.5	12.6	12.7	12.7	12.8	12.8
80°	13.9	14.0	14.1	14.3	14.4	14.4	14.5	14.6	14.7	14.8	14.8
78.75°	15.6	15.7	15.8	15.9	16.0	16.0	16.1	16.2	16.2	16.3	16.3
77.5°	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.6	17.7	17.8	17.8
76.25°	18.2	18.3	18.4	18.5	18.6	18.6	18.7	18.7	18.8	18.8	18.9
75°	19.2	19.3	19.3	19.4	19.5	19.6	19.6	19.7	19.8	19.8	19.9
73.75°	20.2	20.4	20.6	20.8	20.9	21.1	21.2	21.4	21.5	21.6	21.7
72.5°	22.0	22.3	22.5	22.7	22.8	23.0	23.2	23.3	23.4	23.6	23.7
71.25°	23.9	24.2	24.4	24.7	24.9	25.2	25.4	25.6	25.8	25.9	26.0
70°	26.2	26.5	26.8	27.1	27.3	27.6	27.8	28.0	28.2	28.4	28.5
68.75°	28.5	28.8	29.2	29.5	29.9	30.2	30.5	30.7	31.0	31.2	31.4
67.5°	31.1	31.6	32.0	32.4	32.7	33.1	33.4	33.7	33.9	34.1	34.3
66.25°	33.9	34.4	34.8	35.2	35.7	36.1	36.5	36.8	37.1	37.4	37.7
65°	36.9	37.5	38.1	38.6	39.0	39.5	39.9	40.2	40.6	40.9	41.1
63.75°	40.2	40.8	41.3	41.9	42.4	42.8	43.2	43.6	44.0	44.3	44.6
62.5°	43.4	44.0	44.6	45.2	45.7	46.2	46.6	47.0	47.4	47.7	48.0
61.25°	46.6	47.2	47.9	48.5	49.0	49.4	49.7	50.0	50.3	50.5	50.8
60°	49.6	50.0	50.5	51.0	51.4	51.8	52.1	52.4	52.7	53.0	53.2
58.75°	51.8	52.4	52.8	53.3	53.7	54.1	54.5	54.9	55.2	55.4	55.7
57.5°	54.1	54.6	55.2	55.7	56.1	56.5	56.9	57.3	57.6	57.9	58.2
56.25°	56.4	56.9	57.5	58.0	58.5	58.9	59.3	59.6	59.8	60.1	60.3
55°	58.6	59.2	59.6	60.1	60.5	60.8	61.2	61.5	61.8	62.0	62.3
53.75°	60.5	61.0	61.5	61.9	62.3	62.7	63.1	63.3	63.5	63.7	63.9
52.5°	62.3	62.8	63.2	63.6	63.9	64.2	64.5	64.8	65.0	65.2	65.4
51.25°	63.8	64.2	64.6	65.0	65.3	65.6	65.9	66.2	66.4	66.7	66.9
50°	65.2	65.6	66.0	66.4	66.7	67.1	67.4	67.6	67.9	68.1	68.3
48.75°	66.5	66.9	67.4	67.8	68.1	68.5	68.8	69.1	69.2	69.4	69.5
47.5°	67.8	68.3	68.7	69.1	69.3	69.6	69.8	70.0	70.2	70.4	70.5
46.25°	69.1	69.4	69.7	70.0	70.3	70.5	70.8	71.0	71.1	71.2	71.2
45°	70.0	70.3	70.6	70.9	71.1	71.2	71.4	71.5	71.6	71.7	71.7
43.75°	70.9	71.1	71.3	71.4	71.6	71.7	71.8	71.9	72.1	72.3	72.4
42.5°	71.4	71.5	71.7	71.9	72.0	72.3	72.6	72.8	73.0	73.2	73.4
41.25°	71.8	72.0	72.3	72.6	73.0	73.3	73.5	73.8	74.0	74.3	74.6
40°	72.4	72.8	73.2	73.5	73.9	74.3	74.7	75.1	75.4	75.8	76.1
38.75°	73.3	73.7	74.1	74.7	75.2	75.7	76.1	76.5	76.9	77.5	78.2
37.5°	74.2	74.8	75.4	76.0	76.5	77.1	78.1	79.1	80.0	80.9	81.6
36.25°	75.5	76.1	76.7	77.8	79.1	80.3	81.4	82.4	83.4	84.6	86.7
35°	76.7	77.9	79.4	80.8	82.2	83.4	85.7	88.6	91.3	93.7	95.8

REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	79.2	80.9	82.4	83.9	87.5	91.1	94.4	97.4	100.2	102.8	107.0
32.5°	82.1	83.8	87.8	92.0	95.9	99.6	103.1	109.5	115.3	120.6	125.3
31.25°	86.5	91.2	95.8	100.1	105.4	113.2	120.3	127.0	133.1	138.6	144.0
30°	94.0	99.0	104.4	113.4	121.9	130.0	137.5	145.1	152.6	159.5	165.6
28.75°	101.5	110.2	120.0	129.4	138.3	147.7	157.0	165.6	173.5	180.6	187.4
27.5°	114.6	125.2	135.4	145.9	156.9	167.2	176.9	185.9	197.4	207.8	224.5
26.25°	129.0	140.0	152.4	164.4	175.8	186.8	200.9	217.5	243.9	269.9	311.9
25°	143.5	157.1	170.1	182.6	197.8	216.2	248.6	290.6	344.6	402.9	466.4
23.75°	159.9	173.9	188.0	206.1	238.0	281.4	347.1	424.0	505.5	591.2	672.4
22.5°	175.9	192.1	212.5	253.8	319.0	400.1	499.1	605.5	709.4	818.0	916.3
21.25°	193.5	218.7	263.3	344.3	446.8	562.7	688.5	820.1	947.8	1076.3	1193.3
20°	218.7	267.0	357.1	475.1	609.7	753.9	905.4	1061.4	1211.0	1353.3	1480.5
18.75°	263.3	357.1	484.6	633.4	796.0	966.9	1144.0	1317.9	1479.7	1626.4	1753.0
17.5°	344.3	475.1	633.4	810.1	999.4	1195.5	1390.3	1570.7	1733.8	1878.2	2015.5
16.25°	446.8	609.7	796.0	999.4	1213.2	1426.8	1626.1	1804.8	1973.7	2134.7	2286.4
15°	562.7	753.9	966.9	1195.5	1426.8	1644.7	1840.8	2032.6	2218.6	2395.2	2560.0
13.75°	688.5	905.4	1144.0	1390.3	1626.1	1840.8	2052.4	2261.2	2463.0	2653.5	2823.9
12.5°	820.1	1061.4	1317.9	1570.7	1804.8	2032.6	2261.2	2485.8	2699.8	2895.8	3069.0
11.25°	947.8	1211.0	1479.7	1733.8	1973.7	2218.6	2463.0	2699.8	2919.1	3117.9	3291.4
10°	1076.3	1353.3	1626.4	1878.2	2134.7	2395.2	2653.5	2895.8	3117.9	3315.8	3490.3
8.75°	1193.3	1480.5	1753.0	2015.5	2286.4	2560.0	2823.9	3069.0	3291.4	3490.3	3669.1
7.5°	1300.8	1591.7	1863.0	2138.7	2422.9	2705.9	2973.1	3219.3	3442.2	3644.5	3825.5
6.25°	1393.5	1686.3	1961.4	2249.1	2543.4	2831.3	3101.5	3348.6	3572.1	3777.2	3960.9
5°	1469.3	1760.7	2044.9	2341.5	2644.4	2934.4	3204.4	3451.6	3679.2	3885.8	4076.3
3.75°	1528.4	1819.4	2110.9	2415.2	2722.2	3014.4	3285.9	3534.5	3763.7	3972.2	4166.3
2.5°	1571.1	1861.8	2159.4	2469.3	2778.7	3072.7	3344.9	3592.7	3822.8	4035.6	4233.3
1.25°	1596.9	1887.4	2189.3	2502.0	2813.0	3108.1	3378.7	3628.1	3859.0	4074.8	4271.8
0°	1605.5	1896.0	2199.3	2513.0	2824.5	3120.0	3390.0	3640.0	3871.3	4088.0	4284.3
-1.25°	1596.9	1887.4	2189.3	2502.0	2813.0	3108.1	3378.7	3628.1	3859.0	4074.8	4271.8
-2.5°	1571.1	1861.8	2159.4	2469.3	2778.7	3072.7	3344.9	3592.7	3822.8	4035.6	4233.3
-3.75°	1528.4	1819.4	2110.9	2415.2	2722.2	3014.4	3285.9	3534.5	3763.7	3972.2	4166.3
-5°	1469.3	1760.7	2044.9	2341.5	2644.4	2934.4	3204.4	3451.6	3679.2	3885.8	4076.3
-6.25°	1393.5	1686.3	1961.4	2249.1	2543.4	2831.3	3101.5	3348.6	3572.1	3777.2	3960.9
-7.5°	1300.8	1591.7	1863.0	2138.7	2422.9	2705.9	2973.1	3219.3	3442.2	3644.5	3825.5
-8.75°	1193.3	1480.5	1753.0	2015.5	2286.4	2560.0	2823.9	3069.0	3291.4	3490.3	3669.1
-10°	1076.3	1353.3	1626.4	1878.2	2134.7	2395.2	2653.5	2895.8	3117.9	3315.8	3490.3
-11.25°	947.8	1211.0	1479.7	1733.8	1973.7	2218.6	2463.0	2699.8	2919.1	3117.9	3291.4
-12.5°	820.1	1061.4	1317.9	1570.7	1804.8	2032.6	2261.2	2485.8	2699.8	2895.8	3069.0
-13.75°	688.5	905.4	1144.0	1390.3	1626.1	1840.8	2052.4	2261.2	2463.0	2653.5	2823.9
-15°	562.7	753.9	966.9	1195.5	1426.8	1644.7	1840.8	2032.6	2218.6	2395.2	2560.0
-16.25°	446.8	609.7	796.0	999.4	1213.2	1426.8	1626.1	1804.8	1973.7	2134.7	2286.4
-17.5°	344.3	475.1	633.4	810.1	999.4	1195.5	1390.3	1570.7	1733.8	1878.2	2015.5
-18.75°	263.3	357.1	484.6	633.4	796.0	966.9	1144.0	1317.9	1479.7	1626.4	1753.0
-20°	218.7	267.0	357.1	475.1	609.7	753.9	905.4	1061.4	1211.0	1353.3	1480.5
-21.25°	193.5	218.7	263.3	344.3	446.8	562.7	688.5	820.1	947.8	1076.3	1193.3



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	175.9	192.1	212.5	253.8	319.0	400.1	499.1	605.5	709.4	818.0	916.3
-23.75°	159.9	173.9	188.0	206.1	238.0	281.4	347.1	424.0	505.5	591.2	672.4
-25°	143.5	157.1	170.1	182.6	197.8	216.2	248.6	290.6	344.6	402.9	466.4
-26.25°	129.0	140.0	152.4	164.4	175.8	186.8	200.9	217.5	243.9	269.9	311.9
-27.5°	114.6	125.2	135.4	145.9	156.9	167.2	176.9	185.9	197.4	207.8	224.5
-28.75°	101.5	110.2	120.0	129.4	138.3	147.7	157.0	165.6	173.5	180.6	187.4
-30°	94.0	99.0	104.4	113.4	121.9	130.0	137.5	145.1	152.6	159.5	165.6
-31.25°	86.5	91.2	95.8	100.1	105.4	113.2	120.3	127.0	133.1	138.6	144.0
-32.5°	82.1	83.8	87.8	92.0	95.9	99.6	103.1	109.5	115.3	120.6	125.3
-33.75°	79.2	80.9	82.4	83.9	87.5	91.1	94.4	97.4	100.2	102.8	107.0
-35°	76.7	77.9	79.4	80.8	82.2	83.4	85.7	88.6	91.3	93.7	95.8
-36.25°	75.5	76.1	76.7	77.8	79.1	80.3	81.4	82.4	83.4	84.6	86.7
-37.5°	74.2	74.8	75.4	76.0	76.5	77.1	78.1	79.1	80.0	80.9	81.6
-38.75°	73.3	73.7	74.1	74.7	75.2	75.7	76.1	76.5	76.9	77.5	78.2
-40°	72.4	72.8	73.2	73.5	73.9	74.3	74.7	75.1	75.4	75.8	76.1
-41.25°	71.8	72.0	72.3	72.6	73.0	73.3	73.5	73.8	74.0	74.3	74.6
-42.5°	71.4	71.5	71.7	71.9	72.0	72.3	72.6	72.8	73.0	73.2	73.4
-43.75°	70.9	71.1	71.3	71.4	71.6	71.7	71.8	71.9	72.1	72.3	72.4
-45°	70.0	70.3	70.6	70.9	71.1	71.2	71.4	71.5	71.6	71.7	71.7
-46.25°	69.1	69.4	69.7	70.0	70.3	70.5	70.8	71.0	71.1	71.2	71.2
-47.5°	67.8	68.3	68.7	69.1	69.3	69.6	69.8	70.0	70.2	70.4	70.5
-48.75°	66.5	66.9	67.4	67.8	68.1	68.5	68.8	69.1	69.2	69.4	69.5
-50°	65.2	65.6	66.0	66.4	66.7	67.1	67.4	67.6	67.9	68.1	68.3
-51.25°	63.8	64.2	64.6	65.0	65.3	65.6	65.9	66.2	66.4	66.7	66.9
-52.5°	62.3	62.8	63.2	63.6	63.9	64.2	64.5	64.8	65.0	65.2	65.4
-53.75°	60.5	61.0	61.5	61.9	62.3	62.7	63.1	63.3	63.5	63.7	63.9
-55°	58.6	59.2	59.6	60.1	60.5	60.8	61.2	61.5	61.8	62.0	62.3
-56.25°	56.4	56.9	57.5	58.0	58.5	58.9	59.3	59.6	59.8	60.1	60.3
-57.5°	54.1	54.6	55.2	55.7	56.1	56.5	56.9	57.3	57.6	57.9	58.2
-58.75°	51.8	52.4	52.8	53.3	53.7	54.1	54.5	54.9	55.2	55.4	55.7
-60°	49.6	50.0	50.5	51.0	51.4	51.8	52.1	52.4	52.7	53.0	53.2
-61.25°	46.6	47.2	47.9	48.5	49.0	49.4	49.7	50.0	50.3	50.5	50.8
-62.5°	43.4	44.0	44.6	45.2	45.7	46.2	46.6	47.0	47.4	47.7	48.0
-63.75°	40.2	40.8	41.3	41.9	42.4	42.8	43.2	43.6	44.0	44.3	44.6
-65°	36.9	37.5	38.1	38.6	39.0	39.5	39.9	40.2	40.6	40.9	41.1
-66.25°	33.9	34.4	34.8	35.2	35.7	36.1	36.5	36.8	37.1	37.4	37.7
-67.5°	31.1	31.6	32.0	32.4	32.7	33.1	33.4	33.7	33.9	34.1	34.3
-68.75°	28.5	28.8	29.2	29.5	29.9	30.2	30.5	30.7	31.0	31.2	31.4
-70°	26.2	26.5	26.8	27.1	27.3	27.6	27.8	28.0	28.2	28.4	28.5
-71.25°	23.9	24.2	24.4	24.7	24.9	25.2	25.4	25.6	25.8	25.9	26.0
-72.5°	22.0	22.3	22.5	22.7	22.8	23.0	23.2	23.3	23.4	23.6	23.7
-73.75°	20.2	20.4	20.6	20.8	20.9	21.1	21.2	21.4	21.5	21.6	21.7
-75°	19.2	19.3	19.3	19.4	19.5	19.6	19.6	19.7	19.8	19.8	19.9
-76.25°	18.2	18.3	18.4	18.5	18.6	18.6	18.7	18.7	18.8	18.8	18.9
-77.5°	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.6	17.7	17.8	17.8



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	15.6	15.7	15.8	15.9	16.0	16.0	16.1	16.2	16.2	16.3	16.3
-80°	13.9	14.0	14.1	14.3	14.4	14.4	14.5	14.6	14.7	14.8	14.8
-81.25°	12.0	12.1	12.3	12.3	12.4	12.5	12.6	12.7	12.7	12.8	12.8
-82.5°	10.2	10.3	10.4	10.4	10.5	10.6	10.7	10.7	10.8	10.8	10.9
-83.75°	8.3	8.4	8.5	8.5	8.6	8.7	8.7	8.8	8.8	8.8	8.9
-85°	6.5	6.5	6.6	6.6	6.7	6.7	6.8	6.8	6.8	6.9	6.9
-86.25°	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9
-87.5°	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0
-88.75°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
86.25°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
83.75°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
82.5°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
81.25°	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9
80°	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.9
78.75°	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.4
77.5°	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9
76.25°	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
75°	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
73.75°	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
72.5°	23.8	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.9
71.25°	26.2	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.4	26.4
70°	28.6	28.8	28.8	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.8
68.75°	31.5	31.7	31.8	31.9	31.9	32.0	32.0	32.0	31.9	31.9	31.8
67.5°	34.5	34.7	34.8	34.9	34.9	35.0	35.0	35.0	34.9	34.9	34.8
66.25°	37.9	38.1	38.2	38.3	38.4	38.5	38.5	38.5	38.4	38.3	38.2
65°	41.4	41.6	41.7	41.8	41.9	42.0	42.0	42.0	41.9	41.8	41.7
63.75°	44.8	45.0	45.2	45.3	45.4	45.5	45.5	45.5	45.4	45.3	45.2
62.5°	48.3	48.5	48.7	48.8	48.9	49.0	49.0	49.0	48.9	48.8	48.7
61.25°	51.0	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.4	51.4	51.3
60°	53.4	53.6	53.7	53.9	53.9	54.0	54.0	54.0	53.9	53.9	53.7
58.75°	55.9	56.1	56.2	56.4	56.4	56.5	56.5	56.5	56.4	56.4	56.2
57.5°	58.4	58.6	58.7	58.8	58.9	59.0	59.0	59.0	58.9	58.8	58.7
56.25°	60.5	60.6	60.8	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.8
55°	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.0	62.9	62.9	62.8
53.75°	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.4	64.3
52.5°	65.5	65.7	65.8	65.9	65.9	66.0	66.0	66.0	65.9	65.9	65.8
51.25°	67.0	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.4	67.4	67.3
50°	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	68.9	68.9	68.8
48.75°	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	69.9	69.8
47.5°	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	70.9	70.8
46.25°	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.4
45°	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	71.9
43.75°	72.6	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	72.9	72.8
42.5°	73.6	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	73.9	73.8
41.25°	74.8	75.0	75.2	75.3	75.4	75.5	75.5	75.5	75.4	75.3	75.2
40°	76.3	76.5	76.7	76.8	76.9	77.0	77.0	77.0	76.9	76.8	76.7
38.75°	78.8	79.3	79.7	80.1	80.3	80.5	80.5	80.5	80.3	80.1	79.7
37.5°	82.2	82.8	83.2	83.6	83.8	84.0	84.0	84.0	83.8	83.6	83.2
36.25°	88.5	90.0	91.2	92.2	92.9	93.4	93.5	93.4	92.9	92.2	91.2
35°	97.7	99.3	100.6	101.7	102.4	102.9	103.0	102.9	102.4	101.7	100.6



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	111.0	114.3	117.1	119.2	120.8	121.7	122.0	121.7	120.8	119.2	117.1
32.5°	129.4	132.9	135.8	138.1	139.7	140.7	141.0	140.7	139.7	138.1	135.8
31.25°	149.1	153.5	157.1	159.9	161.9	163.1	163.5	163.1	161.9	159.9	157.1
30°	170.9	175.5	179.2	182.2	184.3	185.6	186.0	185.6	184.3	182.2	179.2
28.75°	195.2	201.9	207.4	212.5	219.3	223.4	224.8	223.4	219.3	212.5	207.4
27.5°	242.5	257.9	275.0	294.4	308.3	316.7	319.5	316.7	308.3	294.4	275.0
26.25°	348.7	383.4	420.9	450.4	471.5	484.2	488.5	484.2	471.5	450.4	420.9
25°	522.2	579.2	627.3	665.0	692.2	708.5	714.0	708.5	692.2	665.0	627.3
23.75°	748.3	818.8	877.2	923.1	959.3	981.6	989.0	981.6	959.3	923.1	877.2
22.5°	1011.7	1095.0	1164.0	1220.8	1261.9	1286.7	1295.0	1286.7	1261.9	1220.8	1164.0
21.25°	1300.8	1393.5	1469.3	1528.4	1571.1	1596.9	1605.5	1596.9	1571.1	1528.4	1469.3
20°	1591.7	1686.3	1760.7	1819.4	1861.8	1887.4	1896.0	1887.4	1861.8	1819.4	1760.7
18.75°	1863.0	1961.4	2044.9	2110.9	2159.4	2189.3	2199.3	2189.3	2159.4	2110.9	2044.9
17.5°	2138.7	2249.1	2341.5	2415.2	2469.3	2502.0	2513.0	2502.0	2469.3	2415.2	2341.5
16.25°	2422.9	2543.4	2644.4	2722.2	2778.7	2813.0	2824.5	2813.0	2778.7	2722.2	2644.4
15°	2705.9	2831.3	2934.4	3014.4	3072.7	3108.1	3120.0	3108.1	3072.7	3014.4	2934.4
13.75°	2973.1	3101.5	3204.4	3285.9	3344.9	3378.7	3390.0	3378.7	3344.9	3285.9	3204.4
12.5°	3219.3	3348.6	3451.6	3534.5	3592.7	3628.1	3640.0	3628.1	3592.7	3534.5	3451.6
11.25°	3442.2	3572.1	3679.2	3763.7	3822.8	3859.0	3871.3	3859.0	3822.8	3763.7	3679.2
10°	3644.5	3777.2	3885.8	3972.2	4035.6	4074.8	4088.0	4074.8	4035.6	3972.2	3885.8
8.75°	3825.5	3960.9	4076.3	4166.3	4233.3	4271.8	4284.3	4271.8	4233.3	4166.3	4076.3
7.5°	3986.3	4128.0	4248.0	4336.4	4402.1	4439.6	4452.5	4439.6	4402.1	4336.4	4248.0
6.25°	4128.0	4273.0	4390.3	4479.4	4541.5	4576.4	4588.5	4576.4	4541.5	4479.4	4390.3
5°	4248.0	4390.3	4506.7	4588.8	4643.8	4676.5	4688.0	4676.5	4643.8	4588.8	4506.7
3.75°	4336.4	4479.4	4588.8	4665.4	4715.7	4745.6	4752.3	4745.6	4715.7	4665.4	4588.8
2.5°	4402.1	4541.5	4643.8	4715.7	4759.3	4779.9	4784.0	4779.9	4759.3	4715.7	4643.8
1.25°	4439.6	4576.4	4676.5	4745.6	4779.9	4794.5	4802.3	4794.5	4779.9	4745.6	4676.5
0°	4452.5	4588.5	4688.0	4752.3	4784.0	4802.3	4820.0	4802.3	4784.0	4752.3	4688.0
-1.25°	4439.6	4576.4	4676.5	4745.6	4779.9	4794.5	4802.3	4794.5	4779.9	4745.6	4676.5
-2.5°	4402.1	4541.5	4643.8	4715.7	4759.3	4779.9	4784.0	4779.9	4759.3	4715.7	4643.8
-3.75°	4336.4	4479.4	4588.8	4665.4	4715.7	4745.6	4752.3	4745.6	4715.7	4665.4	4588.8
-5°	4248.0	4390.3	4506.7	4588.8	4643.8	4676.5	4688.0	4676.5	4643.8	4588.8	4506.7
-6.25°	4128.0	4273.0	4390.3	4479.4	4541.5	4576.4	4588.5	4576.4	4541.5	4479.4	4390.3
-7.5°	3986.3	4128.0	4248.0	4336.4	4402.1	4439.6	4452.5	4439.6	4402.1	4336.4	4248.0
-8.75°	3825.5	3960.9	4076.3	4166.3	4233.3	4271.8	4284.3	4271.8	4233.3	4166.3	4076.3
-10°	3644.5	3777.2	3885.8	3972.2	4035.6	4074.8	4088.0	4074.8	4035.6	3972.2	3885.8
-11.25°	3442.2	3572.1	3679.2	3763.7	3822.8	3859.0	3871.3	3859.0	3822.8	3763.7	3679.2
-12.5°	3219.3	3348.6	3451.6	3534.5	3592.7	3628.1	3640.0	3628.1	3592.7	3534.5	3451.6
-13.75°	2973.1	3101.5	3204.4	3285.9	3344.9	3378.7	3390.0	3378.7	3344.9	3285.9	3204.4
-15°	2705.9	2831.3	2934.4	3014.4	3072.7	3108.1	3120.0	3108.1	3072.7	3014.4	2934.4
-16.25°	2422.9	2543.4	2644.4	2722.2	2778.7	2813.0	2824.5	2813.0	2778.7	2722.2	2644.4
-17.5°	2138.7	2249.1	2341.5	2415.2	2469.3	2502.0	2513.0	2502.0	2469.3	2415.2	2341.5
-18.75°	1863.0	1961.4	2044.9	2110.9	2159.4	2189.3	2199.3	2189.3	2159.4	2110.9	2044.9
-20°	1591.7	1686.3	1760.7	1819.4	1861.8	1887.4	1896.0	1887.4	1861.8	1819.4	1760.7
-21.25°	1300.8	1393.5	1469.3	1528.4	1571.1	1596.9	1605.5	1596.9	1571.1	1528.4	1469.3





REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1011.7	1095.0	1164.0	1220.8	1261.9	1286.7	1295.0	1286.7	1261.9	1220.8	1164.0
-23.75°	748.3	818.8	877.2	923.1	959.3	981.6	989.0	981.6	959.3	923.1	877.2
-25°	522.2	579.2	627.3	665.0	692.2	708.5	714.0	708.5	692.2	665.0	627.3
-26.25°	348.7	383.4	420.9	450.4	471.5	484.2	488.5	484.2	471.5	450.4	420.9
-27.5°	242.5	257.9	275.0	294.4	308.3	316.7	319.5	316.7	308.3	294.4	275.0
-28.75°	195.2	201.9	207.4	212.5	219.3	223.4	224.8	223.4	219.3	212.5	207.4
-30°	170.9	175.5	179.2	182.2	184.3	185.6	186.0	185.6	184.3	182.2	179.2
-31.25°	149.1	153.5	157.1	159.9	161.9	163.1	163.5	163.1	161.9	159.9	157.1
-32.5°	129.4	132.9	135.8	138.1	139.7	140.7	141.0	140.7	139.7	138.1	135.8
-33.75°	111.0	114.3	117.1	119.2	120.8	121.7	122.0	121.7	120.8	119.2	117.1
-35°	97.7	99.3	100.6	101.7	102.4	102.9	103.0	102.9	102.4	101.7	100.6
-36.25°	88.5	90.0	91.2	92.2	92.9	93.4	93.5	93.4	92.9	92.2	91.2
-37.5°	82.2	82.8	83.2	83.6	83.8	84.0	84.0	84.0	83.8	83.6	83.2
-38.75°	78.8	79.3	79.7	80.1	80.3	80.5	80.5	80.5	80.3	80.1	79.7
-40°	76.3	76.5	76.7	76.8	76.9	77.0	77.0	77.0	76.9	76.8	76.7
-41.25°	74.8	75.0	75.2	75.3	75.4	75.5	75.5	75.5	75.4	75.3	75.2
-42.5°	73.6	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	73.9	73.8
-43.75°	72.6	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	72.9	72.8
-45°	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	71.9
-46.25°	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.4
-47.5°	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	70.9	70.8
-48.75°	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	69.9	69.8
-50°	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	68.9	68.9	68.8
-51.25°	67.0	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.4	67.4	67.3
-52.5°	65.5	65.7	65.8	65.9	65.9	66.0	66.0	66.0	65.9	65.9	65.8
-53.75°	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.4	64.3
-55°	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.0	62.9	62.9	62.8
-56.25°	60.5	60.6	60.8	60.9	60.9	61.0	61.0	61.0	60.9	60.9	60.8
-57.5°	58.4	58.6	58.7	58.8	58.9	59.0	59.0	59.0	58.9	58.8	58.7
-58.75°	55.9	56.1	56.2	56.4	56.4	56.5	56.5	56.5	56.4	56.4	56.2
-60°	53.4	53.6	53.7	53.9	53.9	54.0	54.0	54.0	53.9	53.9	53.7
-61.25°	51.0	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.4	51.4	51.3
-62.5°	48.3	48.5	48.7	48.8	48.9	49.0	49.0	49.0	48.9	48.8	48.7
-63.75°	44.8	45.0	45.2	45.3	45.4	45.5	45.5	45.5	45.4	45.3	45.2
-65°	41.4	41.6	41.7	41.8	41.9	42.0	42.0	42.0	41.9	41.8	41.7
-66.25°	37.9	38.1	38.2	38.3	38.4	38.5	38.5	38.5	38.4	38.3	38.2
-67.5°	34.5	34.7	34.8	34.9	34.9	35.0	35.0	35.0	34.9	34.9	34.8
-68.75°	31.5	31.7	31.8	31.9	31.9	32.0	32.0	32.0	31.9	31.9	31.8
-70°	28.6	28.8	28.8	28.9	29.0	29.0	29.0	29.0	29.0	28.9	28.8
-71.25°	26.2	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.4	26.4
-72.5°	23.8	23.8	23.9	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.9
-73.75°	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	21.9	21.9
-75°	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
-76.25°	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
-77.5°	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.9



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.4
-80°	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.9
-81.25°	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.9
-82.5°	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
-83.75°	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
-85°	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
-86.25°	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-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: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
86.25°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
85°	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6
83.75°	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5
82.5°	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.4
81.25°	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.3
80°	14.9	14.9	14.8	14.8	14.7	14.6	14.5	14.4	14.4	14.3	14.1
78.75°	16.4	16.4	16.3	16.3	16.2	16.2	16.1	16.0	16.0	15.9	15.8
77.5°	17.9	17.9	17.8	17.8	17.7	17.6	17.6	17.5	17.4	17.3	17.2
76.25°	18.9	18.9	18.9	18.8	18.8	18.7	18.7	18.6	18.6	18.5	18.4
75°	19.9	19.9	19.9	19.8	19.8	19.7	19.6	19.6	19.5	19.4	19.3
73.75°	21.8	21.8	21.7	21.6	21.5	21.4	21.2	21.1	20.9	20.8	20.6
72.5°	23.8	23.8	23.7	23.6	23.4	23.3	23.2	23.0	22.8	22.7	22.5
71.25°	26.3	26.2	26.0	25.9	25.8	25.6	25.4	25.2	24.9	24.7	24.4
70°	28.8	28.6	28.5	28.4	28.2	28.0	27.8	27.6	27.3	27.1	26.8
68.75°	31.7	31.5	31.4	31.2	31.0	30.7	30.5	30.2	29.9	29.5	29.2
67.5°	34.7	34.5	34.3	34.1	33.9	33.7	33.4	33.1	32.7	32.4	32.0
66.25°	38.1	37.9	37.7	37.4	37.1	36.8	36.5	36.1	35.7	35.2	34.8
65°	41.6	41.4	41.1	40.9	40.6	40.2	39.9	39.5	39.0	38.6	38.1
63.75°	45.0	44.8	44.6	44.3	44.0	43.6	43.2	42.8	42.4	41.9	41.3
62.5°	48.5	48.3	48.0	47.7	47.4	47.0	46.6	46.2	45.7	45.2	44.6
61.25°	51.1	51.0	50.8	50.5	50.3	50.0	49.7	49.4	49.0	48.5	47.9
60°	53.6	53.4	53.2	53.0	52.7	52.4	52.1	51.8	51.4	51.0	50.5
58.75°	56.1	55.9	55.7	55.4	55.2	54.9	54.5	54.1	53.7	53.3	52.8
57.5°	58.6	58.4	58.2	57.9	57.6	57.3	56.9	56.5	56.1	55.7	55.2
56.25°	60.6	60.5	60.3	60.1	59.8	59.6	59.3	58.9	58.5	58.0	57.5
55°	62.6	62.5	62.3	62.0	61.8	61.5	61.2	60.8	60.5	60.1	59.6
53.75°	64.2	64.1	63.9	63.7	63.5	63.3	63.1	62.7	62.3	61.9	61.5
52.5°	65.7	65.5	65.4	65.2	65.0	64.8	64.5	64.2	63.9	63.6	63.2
51.25°	67.2	67.0	66.9	66.7	66.4	66.2	65.9	65.6	65.3	65.0	64.6
50°	68.7	68.5	68.3	68.1	67.9	67.6	67.4	67.1	66.7	66.4	66.0
48.75°	69.8	69.7	69.5	69.4	69.2	69.1	68.8	68.5	68.1	67.8	67.4
47.5°	70.8	70.6	70.5	70.4	70.2	70.0	69.8	69.6	69.3	69.1	68.7
46.25°	71.4	71.3	71.2	71.2	71.1	71.0	70.8	70.5	70.3	70.0	69.7
45°	71.9	71.8	71.7	71.7	71.6	71.5	71.4	71.2	71.1	70.9	70.6
43.75°	72.7	72.6	72.4	72.3	72.1	71.9	71.8	71.7	71.6	71.4	71.3
42.5°	73.7	73.6	73.4	73.2	73.0	72.8	72.6	72.3	72.0	71.9	71.7
41.25°	75.0	74.8	74.6	74.3	74.0	73.8	73.5	73.3	73.0	72.6	72.3
40°	76.5	76.3	76.1	75.8	75.4	75.1	74.7	74.3	73.9	73.5	73.2
38.75°	79.3	78.8	78.2	77.5	76.9	76.5	76.1	75.7	75.2	74.7	74.1
37.5°	82.8	82.2	81.6	80.9	80.0	79.1	78.1	77.1	76.5	76.0	75.4
36.25°	90.0	88.5	86.7	84.6	83.4	82.4	81.4	80.3	79.1	77.8	76.7
35°	99.3	97.7	95.8	93.7	91.3	88.6	85.7	83.4	82.2	80.8	79.4



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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°	114.3	111.0	107.0	102.8	100.2	97.4	94.4	91.1	87.5	83.9	82.4
32.5°	132.9	129.4	125.3	120.6	115.3	109.5	103.1	99.6	95.9	92.0	87.8
31.25°	153.5	149.1	144.0	138.6	133.1	127.0	120.3	113.2	105.4	100.1	95.8
30°	175.5	170.9	165.6	159.5	152.6	145.1	137.5	130.0	121.9	113.4	104.4
28.75°	201.9	195.2	187.4	180.6	173.5	165.6	157.0	147.7	138.3	129.4	120.0
27.5°	257.9	242.5	224.5	207.8	197.4	185.9	176.9	167.2	156.9	145.9	135.4
26.25°	383.4	348.7	311.9	269.9	243.9	217.5	200.9	186.8	175.8	164.4	152.4
25°	579.2	522.2	466.4	402.9	344.6	290.6	248.6	216.2	197.8	182.6	170.1
23.75°	818.8	748.3	672.4	591.2	505.5	424.0	347.1	281.4	238.0	206.1	188.0
22.5°	1095.0	1011.7	916.3	818.0	709.4	605.5	499.1	400.1	319.0	253.8	212.5
21.25°	1393.5	1300.8	1193.3	1076.3	947.8	820.1	688.5	562.7	446.8	344.3	263.3
20°	1686.3	1591.7	1480.5	1353.3	1211.0	1061.4	905.4	753.9	609.7	475.1	357.1
18.75°	1961.4	1863.0	1753.0	1626.4	1479.7	1317.9	1144.0	966.9	796.0	633.4	484.6
17.5°	2249.1	2138.7	2015.5	1878.2	1733.8	1570.7	1390.3	1195.5	999.4	810.1	633.4
16.25°	2543.4	2422.9	2286.4	2134.7	1973.7	1804.8	1626.1	1426.8	1213.2	999.4	796.0
15°	2831.3	2705.9	2560.0	2395.2	2218.6	2032.6	1840.8	1644.7	1426.8	1195.5	966.9
13.75°	3101.5	2973.1	2823.9	2653.5	2463.0	2261.2	2052.4	1840.8	1626.1	1390.3	1144.0
12.5°	3348.6	3219.3	3069.0	2895.8	2699.8	2485.8	2261.2	2032.6	1804.8	1570.7	1317.9
11.25°	3572.1	3442.2	3291.4	3117.9	2919.1	2699.8	2463.0	2218.6	1973.7	1733.8	1479.7
10°	3777.2	3644.5	3490.3	3315.8	3117.9	2895.8	2653.5	2395.2	2134.7	1878.2	1626.4
8.75°	3960.9	3825.5	3669.1	3490.3	3291.4	3069.0	2823.9	2560.0	2286.4	2015.5	1753.0
7.5°	4128.0	3986.3	3825.5	3644.5	3442.2	3219.3	2973.1	2705.9	2422.9	2138.7	1863.0
6.25°	4273.0	4128.0	3960.9	3777.2	3572.1	3348.6	3101.5	2831.3	2543.4	2249.1	1961.4
5°	4390.3	4248.0	4076.3	3885.8	3679.2	3451.6	3204.4	2934.4	2644.4	2341.5	2044.9
3.75°	4479.4	4336.4	4166.3	3972.2	3763.7	3534.5	3285.9	3014.4	2722.2	2415.2	2110.9
2.5°	4541.5	4402.1	4233.3	4035.6	3822.8	3592.7	3344.9	3072.7	2778.7	2469.3	2159.4
1.25°	4576.4	4439.6	4271.8	4074.8	3859.0	3628.1	3378.7	3108.1	2813.0	2502.0	2189.3
0°	4588.5	4452.5	4284.3	4088.0	3871.3	3640.0	3390.0	3120.0	2824.5	2513.0	2199.3
-1.25°	4576.4	4439.6	4271.8	4074.8	3859.0	3628.1	3378.7	3108.1	2813.0	2502.0	2189.3
-2.5°	4541.5	4402.1	4233.3	4035.6	3822.8	3592.7	3344.9	3072.7	2778.7	2469.3	2159.4
-3.75°	4479.4	4336.4	4166.3	3972.2	3763.7	3534.5	3285.9	3014.4	2722.2	2415.2	2110.9
-5°	4390.3	4248.0	4076.3	3885.8	3679.2	3451.6	3204.4	2934.4	2644.4	2341.5	2044.9
-6.25°	4273.0	4128.0	3960.9	3777.2	3572.1	3348.6	3101.5	2831.3	2543.4	2249.1	1961.4
-7.5°	4128.0	3986.3	3825.5	3644.5	3442.2	3219.3	2973.1	2705.9	2422.9	2138.7	1863.0
-8.75°	3960.9	3825.5	3669.1	3490.3	3291.4	3069.0	2823.9	2560.0	2286.4	2015.5	1753.0
-10°	3777.2	3644.5	3490.3	3315.8	3117.9	2895.8	2653.5	2395.2	2134.7	1878.2	1626.4
-11.25°	3572.1	3442.2	3291.4	3117.9	2919.1	2699.8	2463.0	2218.6	1973.7	1733.8	1479.7
-12.5°	3348.6	3219.3	3069.0	2895.8	2699.8	2485.8	2261.2	2032.6	1804.8	1570.7	1317.9
-13.75°	3101.5	2973.1	2823.9	2653.5	2463.0	2261.2	2052.4	1840.8	1626.1	1390.3	1144.0
-15°	2831.3	2705.9	2560.0	2395.2	2218.6	2032.6	1840.8	1644.7	1426.8	1195.5	966.9
-16.25°	2543.4	2422.9	2286.4	2134.7	1973.7	1804.8	1626.1	1426.8	1213.2	999.4	796.0
-17.5°	2249.1	2138.7	2015.5	1878.2	1733.8	1570.7	1390.3	1195.5	999.4	810.1	633.4
-18.75°	1961.4	1863.0	1753.0	1626.4	1479.7	1317.9	1144.0	966.9	796.0	633.4	484.6
-20°	1686.3	1591.7	1480.5	1353.3	1211.0	1061.4	905.4	753.9	609.7	475.1	357.1
-21.25°	1393.5	1300.8	1193.3	1076.3	947.8	820.1	688.5	562.7	446.8	344.3	263.3



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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°	1095.0	1011.7	916.3	818.0	709.4	605.5	499.1	400.1	319.0	253.8	212.5
-23.75°	818.8	748.3	672.4	591.2	505.5	424.0	347.1	281.4	238.0	206.1	188.0
-25°	579.2	522.2	466.4	402.9	344.6	290.6	248.6	216.2	197.8	182.6	170.1
-26.25°	383.4	348.7	311.9	269.9	243.9	217.5	200.9	186.8	175.8	164.4	152.4
-27.5°	257.9	242.5	224.5	207.8	197.4	185.9	176.9	167.2	156.9	145.9	135.4
-28.75°	201.9	195.2	187.4	180.6	173.5	165.6	157.0	147.7	138.3	129.4	120.0
-30°	175.5	170.9	165.6	159.5	152.6	145.1	137.5	130.0	121.9	113.4	104.4
-31.25°	153.5	149.1	144.0	138.6	133.1	127.0	120.3	113.2	105.4	100.1	95.8
-32.5°	132.9	129.4	125.3	120.6	115.3	109.5	103.1	99.6	95.9	92.0	87.8
-33.75°	114.3	111.0	107.0	102.8	100.2	97.4	94.4	91.1	87.5	83.9	82.4
-35°	99.3	97.7	95.8	93.7	91.3	88.6	85.7	83.4	82.2	80.8	79.4
-36.25°	90.0	88.5	86.7	84.6	83.4	82.4	81.4	80.3	79.1	77.8	76.7
-37.5°	82.8	82.2	81.6	80.9	80.0	79.1	78.1	77.1	76.5	76.0	75.4
-38.75°	79.3	78.8	78.2	77.5	76.9	76.5	76.1	75.7	75.2	74.7	74.1
-40°	76.5	76.3	76.1	75.8	75.4	75.1	74.7	74.3	73.9	73.5	73.2
-41.25°	75.0	74.8	74.6	74.3	74.0	73.8	73.5	73.3	73.0	72.6	72.3
-42.5°	73.7	73.6	73.4	73.2	73.0	72.8	72.6	72.3	72.0	71.9	71.7
-43.75°	72.7	72.6	72.4	72.3	72.1	71.9	71.8	71.7	71.6	71.4	71.3
-45°	71.9	71.8	71.7	71.7	71.6	71.5	71.4	71.2	71.1	70.9	70.6
-46.25°	71.4	71.3	71.2	71.2	71.1	71.0	70.8	70.5	70.3	70.0	69.7
-47.5°	70.8	70.6	70.5	70.4	70.2	70.0	69.8	69.6	69.3	69.1	68.7
-48.75°	69.8	69.7	69.5	69.4	69.2	69.1	68.8	68.5	68.1	67.8	67.4
-50°	68.7	68.5	68.3	68.1	67.9	67.6	67.4	67.1	66.7	66.4	66.0
-51.25°	67.2	67.0	66.9	66.7	66.4	66.2	65.9	65.6	65.3	65.0	64.6
-52.5°	65.7	65.5	65.4	65.2	65.0	64.8	64.5	64.2	63.9	63.6	63.2
-53.75°	64.2	64.1	63.9	63.7	63.5	63.3	63.1	62.7	62.3	61.9	61.5
-55°	62.6	62.5	62.3	62.0	61.8	61.5	61.2	60.8	60.5	60.1	59.6
-56.25°	60.6	60.5	60.3	60.1	59.8	59.6	59.3	58.9	58.5	58.0	57.5
-57.5°	58.6	58.4	58.2	57.9	57.6	57.3	56.9	56.5	56.1	55.7	55.2
-58.75°	56.1	55.9	55.7	55.4	55.2	54.9	54.5	54.1	53.7	53.3	52.8
-60°	53.6	53.4	53.2	53.0	52.7	52.4	52.1	51.8	51.4	51.0	50.5
-61.25°	51.1	51.0	50.8	50.5	50.3	50.0	49.7	49.4	49.0	48.5	47.9
-62.5°	48.5	48.3	48.0	47.7	47.4	47.0	46.6	46.2	45.7	45.2	44.6
-63.75°	45.0	44.8	44.6	44.3	44.0	43.6	43.2	42.8	42.4	41.9	41.3
-65°	41.6	41.4	41.1	40.9	40.6	40.2	39.9	39.5	39.0	38.6	38.1
-66.25°	38.1	37.9	37.7	37.4	37.1	36.8	36.5	36.1	35.7	35.2	34.8
-67.5°	34.7	34.5	34.3	34.1	33.9	33.7	33.4	33.1	32.7	32.4	32.0
-68.75°	31.7	31.5	31.4	31.2	31.0	30.7	30.5	30.2	29.9	29.5	29.2
-70°	28.8	28.6	28.5	28.4	28.2	28.0	27.8	27.6	27.3	27.1	26.8
-71.25°	26.3	26.2	26.0	25.9	25.8	25.6	25.4	25.2	24.9	24.7	24.4
-72.5°	23.8	23.8	23.7	23.6	23.4	23.3	23.2	23.0	22.8	22.7	22.5
-73.75°	21.8	21.8	21.7	21.6	21.5	21.4	21.2	21.1	20.9	20.8	20.6
-75°	19.9	19.9	19.9	19.8	19.8	19.7	19.6	19.6	19.5	19.4	19.3
-76.25°	18.9	18.9	18.9	18.8	18.8	18.7	18.7	18.6	18.6	18.5	18.4
-77.5°	17.9	17.9	17.8	17.8	17.7	17.6	17.6	17.5	17.4	17.3	17.2



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	16.4	16.4	16.3	16.3	16.2	16.2	16.1	16.0	16.0	15.9	15.8
-80°	14.9	14.9	14.8	14.8	14.7	14.6	14.5	14.4	14.4	14.3	14.1
-81.25°	12.9	12.9	12.8	12.8	12.7	12.7	12.6	12.5	12.4	12.3	12.3
-82.5°	10.9	10.9	10.9	10.8	10.8	10.7	10.7	10.6	10.5	10.4	10.4
-83.75°	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.5	8.5
-85°	7.0	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7	6.6	6.6
-86.25°	5.0	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.7	4.7
-87.5°	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8
-88.75°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
87.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
86.25°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
85°	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7
83.75°	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4
82.5°	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3	9.1
81.25°	12.1	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0	10.8
80°	14.0	13.9	13.8	13.6	13.5	13.3	13.2	13.0	12.8	12.7	12.5
78.75°	15.7	15.6	15.5	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.2
77.5°	17.1	17.0	16.8	16.7	16.6	16.4	16.3	16.1	16.0	15.8	15.6
76.25°	18.3	18.2	18.1	18.1	17.9	17.8	17.6	17.4	17.3	17.1	16.9
75°	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.5	18.4	18.2	18.1
73.75°	20.4	20.2	20.0	19.9	19.8	19.6	19.5	19.4	19.2	19.1	18.9
72.5°	22.3	22.0	21.8	21.6	21.3	21.0	20.8	20.5	20.2	19.9	19.8
71.25°	24.2	23.9	23.6	23.4	23.1	22.8	22.5	22.2	21.9	21.5	21.2
70°	26.5	26.2	25.8	25.5	25.1	24.7	24.3	23.9	23.6	23.2	22.8
68.75°	28.8	28.5	28.1	27.7	27.4	26.9	26.5	26.1	25.6	25.1	24.6
67.5°	31.6	31.1	30.7	30.2	29.7	29.2	28.7	28.2	27.7	27.2	26.7
66.25°	34.4	33.9	33.4	32.9	32.4	31.8	31.2	30.6	30.0	29.3	28.7
65°	37.5	36.9	36.4	35.7	35.1	34.5	33.8	33.2	32.5	31.8	31.1
63.75°	40.8	40.2	39.5	38.9	38.2	37.4	36.7	35.9	35.1	34.3	33.6
62.5°	44.0	43.4	42.7	42.0	41.3	40.5	39.7	38.9	38.0	37.1	36.2
61.25°	47.2	46.6	45.9	45.1	44.4	43.6	42.7	41.8	40.9	40.0	39.0
60°	50.0	49.6	49.0	48.3	47.4	46.6	45.7	44.8	43.8	42.9	41.8
58.75°	52.4	51.8	51.3	50.7	50.1	49.5	48.7	47.7	46.8	45.7	44.6
57.5°	54.6	54.1	53.5	52.9	52.3	51.6	50.9	50.2	49.5	48.6	47.4
56.25°	56.9	56.4	55.8	55.1	54.5	53.8	53.0	52.3	51.5	50.7	49.9
55°	59.2	58.6	58.0	57.3	56.6	55.9	55.2	54.4	53.6	52.7	51.9
53.75°	61.0	60.5	60.0	59.4	58.8	58.1	57.3	56.5	55.6	54.7	53.8
52.5°	62.8	62.3	61.8	61.2	60.6	59.9	59.3	58.5	57.6	56.7	55.8
51.25°	64.2	63.8	63.4	62.9	62.3	61.6	61.0	60.3	59.5	58.7	57.7
50°	65.6	65.2	64.7	64.2	63.8	63.2	62.6	61.9	61.1	60.3	59.5
48.75°	66.9	66.5	66.0	65.5	65.0	64.5	64.0	63.4	62.7	61.9	61.1
47.5°	68.3	67.8	67.3	66.8	66.3	65.8	65.2	64.6	64.0	63.3	62.6
46.25°	69.4	69.1	68.6	68.1	67.6	67.0	66.4	65.8	65.1	64.5	63.8
45°	70.3	70.0	69.6	69.3	68.8	68.2	67.6	67.0	66.3	65.6	64.9
43.75°	71.1	70.9	70.5	70.1	69.7	69.3	68.8	68.2	67.5	66.8	66.0
42.5°	71.5	71.4	71.2	71.0	70.5	70.1	69.7	69.2	68.6	67.9	67.1
41.25°	72.0	71.8	71.6	71.4	71.2	70.9	70.5	70.0	69.5	69.0	68.2
40°	72.8	72.4	72.0	71.8	71.6	71.4	71.1	70.8	70.2	69.7	69.2
38.75°	73.7	73.3	72.9	72.4	72.0	71.8	71.5	71.3	71.0	70.5	69.9
37.5°	74.8	74.2	73.7	73.3	72.8	72.3	71.9	71.6	71.4	71.1	70.6
36.25°	76.1	75.5	74.8	74.1	73.6	73.1	72.5	72.0	71.7	71.4	71.1
35°	77.9	76.7	76.0	75.3	74.5	73.8	73.3	72.7	72.1	71.8	71.5



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**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	80.9	79.2	77.5	76.5	75.7	74.9	74.0	73.4	72.8	72.2	71.8
32.5°	83.8	82.1	80.3	78.5	76.8	76.0	75.1	74.2	73.5	72.9	72.3
31.25°	91.2	86.5	83.1	81.2	79.2	77.2	76.2	75.3	74.3	73.6	72.9
30°	99.0	94.0	88.9	83.8	81.8	79.7	77.5	76.3	75.3	74.3	73.5
28.75°	110.2	101.5	96.1	90.6	84.9	82.2	79.9	77.7	76.3	75.3	74.2
27.5°	125.2	114.6	103.5	97.5	91.6	85.6	82.3	79.9	77.5	76.2	75.1
26.25°	140.0	129.0	117.5	105.7	98.2	92.0	85.6	82.2	79.7	77.2	76.0
25°	157.1	143.5	131.2	119.0	106.4	98.2	91.6	84.9	81.8	79.2	76.8
23.75°	173.9	159.9	145.3	132.0	119.0	105.7	97.5	90.6	83.8	81.2	78.5
22.5°	192.1	175.9	160.8	145.3	131.2	117.5	103.5	96.1	88.9	83.1	80.3
21.25°	218.7	193.5	175.9	159.9	143.5	129.0	114.6	101.5	94.0	86.5	82.1
20°	267.0	218.7	192.1	173.9	157.1	140.0	125.2	110.2	99.0	91.2	83.8
18.75°	357.1	263.3	212.5	188.0	170.1	152.4	135.4	120.0	104.4	95.8	87.8
17.5°	475.1	344.3	253.8	206.1	182.6	164.4	145.9	129.4	113.4	100.1	92.0
16.25°	609.7	446.8	319.0	238.0	197.8	175.8	156.9	138.3	121.9	105.4	95.9
15°	753.9	562.7	400.1	281.4	216.2	186.8	167.2	147.7	130.0	113.2	99.6
13.75°	905.4	688.5	499.1	347.1	248.6	200.9	176.9	157.0	137.5	120.3	103.1
12.5°	1061.4	820.1	605.5	424.0	290.6	217.5	185.9	165.6	145.1	127.0	109.5
11.25°	1211.0	947.8	709.4	505.5	344.6	243.9	197.4	173.5	152.6	133.1	115.3
10°	1353.3	1076.3	818.0	591.2	402.9	269.9	207.8	180.6	159.5	138.6	120.6
8.75°	1480.5	1193.3	916.3	672.4	466.4	311.9	224.5	187.4	165.6	144.0	125.3
7.5°	1591.7	1300.8	1011.7	748.3	522.2	348.7	242.5	195.2	170.9	149.1	129.4
6.25°	1686.3	1393.5	1095.0	818.8	579.2	383.4	257.9	201.9	175.5	153.5	132.9
5°	1760.7	1469.3	1164.0	877.2	627.3	420.9	275.0	207.4	179.2	157.1	135.8
3.75°	1819.4	1528.4	1220.8	923.1	665.0	450.4	294.4	212.5	182.2	159.9	138.1
2.5°	1861.8	1571.1	1261.9	959.3	692.2	471.5	308.3	219.3	184.3	161.9	139.7
1.25°	1887.4	1596.9	1286.7	981.6	708.5	484.2	316.7	223.4	185.6	163.1	140.7
0°	1896.0	1605.5	1295.0	989.0	714.0	488.5	319.5	224.8	186.0	163.5	141.0
-1.25°	1887.4	1596.9	1286.7	981.6	708.5	484.2	316.7	223.4	185.6	163.1	140.7
-2.5°	1861.8	1571.1	1261.9	959.3	692.2	471.5	308.3	219.3	184.3	161.9	139.7
-3.75°	1819.4	1528.4	1220.8	923.1	665.0	450.4	294.4	212.5	182.2	159.9	138.1
-5°	1760.7	1469.3	1164.0	877.2	627.3	420.9	275.0	207.4	179.2	157.1	135.8
-6.25°	1686.3	1393.5	1095.0	818.8	579.2	383.4	257.9	201.9	175.5	153.5	132.9
-7.5°	1591.7	1300.8	1011.7	748.3	522.2	348.7	242.5	195.2	170.9	149.1	129.4
-8.75°	1480.5	1193.3	916.3	672.4	466.4	311.9	224.5	187.4	165.6	144.0	125.3
-10°	1353.3	1076.3	818.0	591.2	402.9	269.9	207.8	180.6	159.5	138.6	120.6
-11.25°	1211.0	947.8	709.4	505.5	344.6	243.9	197.4	173.5	152.6	133.1	115.3
-12.5°	1061.4	820.1	605.5	424.0	290.6	217.5	185.9	165.6	145.1	127.0	109.5
-13.75°	905.4	688.5	499.1	347.1	248.6	200.9	176.9	157.0	137.5	120.3	103.1
-15°	753.9	562.7	400.1	281.4	216.2	186.8	167.2	147.7	130.0	113.2	99.6
-16.25°	609.7	446.8	319.0	238.0	197.8	175.8	156.9	138.3	121.9	105.4	95.9
-17.5°	475.1	344.3	253.8	206.1	182.6	164.4	145.9	129.4	113.4	100.1	92.0
-18.75°	357.1	263.3	212.5	188.0	170.1	152.4	135.4	120.0	104.4	95.8	87.8
-20°	267.0	218.7	192.1	173.9	157.1	140.0	125.2	110.2	99.0	91.2	83.8
-21.25°	218.7	193.5	175.9	159.9	143.5	129.0	114.6	101.5	94.0	86.5	82.1





REPORT NUMBER: P29470 (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°
-22.5°	192.1	175.9	160.8	145.3	131.2	117.5	103.5	96.1	88.9	83.1	80.3
-23.75°	173.9	159.9	145.3	132.0	119.0	105.7	97.5	90.6	83.8	81.2	78.5
-25°	157.1	143.5	131.2	119.0	106.4	98.2	91.6	84.9	81.8	79.2	76.8
-26.25°	140.0	129.0	117.5	105.7	98.2	92.0	85.6	82.2	79.7	77.2	76.0
-27.5°	125.2	114.6	103.5	97.5	91.6	85.6	82.3	79.9	77.5	76.2	75.1
-28.75°	110.2	101.5	96.1	90.6	84.9	82.2	79.9	77.7	76.3	75.3	74.2
-30°	99.0	94.0	88.9	83.8	81.8	79.7	77.5	76.3	75.3	74.3	73.5
-31.25°	91.2	86.5	83.1	81.2	79.2	77.2	76.2	75.3	74.3	73.6	72.9
-32.5°	83.8	82.1	80.3	78.5	76.8	76.0	75.1	74.2	73.5	72.9	72.3
-33.75°	80.9	79.2	77.5	76.5	75.7	74.9	74.0	73.4	72.8	72.2	71.8
-35°	77.9	76.7	76.0	75.3	74.5	73.8	73.3	72.7	72.1	71.8	71.5
-36.25°	76.1	75.5	74.8	74.1	73.6	73.1	72.5	72.0	71.7	71.4	71.1
-37.5°	74.8	74.2	73.7	73.3	72.8	72.3	71.9	71.6	71.4	71.1	70.6
-38.75°	73.7	73.3	72.9	72.4	72.0	71.8	71.5	71.3	71.0	70.5	69.9
-40°	72.8	72.4	72.0	71.8	71.6	71.4	71.1	70.8	70.2	69.7	69.2
-41.25°	72.0	71.8	71.6	71.4	71.2	70.9	70.5	70.0	69.5	69.0	68.2
-42.5°	71.5	71.4	71.2	71.0	70.5	70.1	69.7	69.2	68.6	67.9	67.1
-43.75°	71.1	70.9	70.5	70.1	69.7	69.3	68.8	68.2	67.5	66.8	66.0
-45°	70.3	70.0	69.6	69.3	68.8	68.2	67.6	67.0	66.3	65.6	64.9
-46.25°	69.4	69.1	68.6	68.1	67.6	67.0	66.4	65.8	65.1	64.5	63.8
-47.5°	68.3	67.8	67.3	66.8	66.3	65.8	65.2	64.6	64.0	63.3	62.6
-48.75°	66.9	66.5	66.0	65.5	65.0	64.5	64.0	63.4	62.7	61.9	61.1
-50°	65.6	65.2	64.7	64.2	63.8	63.2	62.6	61.9	61.1	60.3	59.5
-51.25°	64.2	63.8	63.4	62.9	62.3	61.6	61.0	60.3	59.5	58.7	57.7
-52.5°	62.8	62.3	61.8	61.2	60.6	59.9	59.3	58.5	57.6	56.7	55.8
-53.75°	61.0	60.5	60.0	59.4	58.8	58.1	57.3	56.5	55.6	54.7	53.8
-55°	59.2	58.6	58.0	57.3	56.6	55.9	55.2	54.4	53.6	52.7	51.9
-56.25°	56.9	56.4	55.8	55.1	54.5	53.8	53.0	52.3	51.5	50.7	49.9
-57.5°	54.6	54.1	53.5	52.9	52.3	51.6	50.9	50.2	49.5	48.6	47.4
-58.75°	52.4	51.8	51.3	50.7	50.1	49.5	48.7	47.7	46.8	45.7	44.6
-60°	50.0	49.6	49.0	48.3	47.4	46.6	45.7	44.8	43.8	42.9	41.8
-61.25°	47.2	46.6	45.9	45.1	44.4	43.6	42.7	41.8	40.9	40.0	39.0
-62.5°	44.0	43.4	42.7	42.0	41.3	40.5	39.7	38.9	38.0	37.1	36.2
-63.75°	40.8	40.2	39.5	38.9	38.2	37.4	36.7	35.9	35.1	34.3	33.6
-65°	37.5	36.9	36.4	35.7	35.1	34.5	33.8	33.2	32.5	31.8	31.1
-66.25°	34.4	33.9	33.4	32.9	32.4	31.8	31.2	30.6	30.0	29.3	28.7
-67.5°	31.6	31.1	30.7	30.2	29.7	29.2	28.7	28.2	27.7	27.2	26.7
-68.75°	28.8	28.5	28.1	27.7	27.4	26.9	26.5	26.1	25.6	25.1	24.6
-70°	26.5	26.2	25.8	25.5	25.1	24.7	24.3	23.9	23.6	23.2	22.8
-71.25°	24.2	23.9	23.6	23.4	23.1	22.8	22.5	22.2	21.9	21.5	21.2
-72.5°	22.3	22.0	21.8	21.6	21.3	21.0	20.8	20.5	20.2	19.9	19.8
-73.75°	20.4	20.2	20.0	19.9	19.8	19.6	19.5	19.4	19.2	19.1	18.9
-75°	19.3	19.2	19.1	19.0	18.9	18.7	18.6	18.5	18.4	18.2	18.1
-76.25°	18.3	18.2	18.1	18.1	17.9	17.8	17.6	17.4	17.3	17.1	16.9
-77.5°	17.1	17.0	16.8	16.7	16.6	16.4	16.3	16.1	16.0	15.8	15.6



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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°
-78.75°	15.7	15.6	15.5	15.3	15.2	15.1	14.9	14.8	14.6	14.4	14.2
-80°	14.0	13.9	13.8	13.6	13.5	13.3	13.2	13.0	12.8	12.7	12.5
-81.25°	12.1	12.0	11.9	11.8	11.7	11.5	11.4	11.3	11.1	11.0	10.8
-82.5°	10.3	10.2	10.1	10.0	9.9	9.8	9.6	9.5	9.4	9.3	9.1
-83.75°	8.4	8.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4
-85°	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.7
-86.25°	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.1
-87.5°	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.5
-88.75°	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (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°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
86.25°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
85°	5.6	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.5
83.75°	7.3	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1	5.9
82.5°	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.7	7.5	7.3
81.25°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
80°	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.8	10.5	10.3	10.0
78.75°	13.9	13.7	13.5	13.2	13.0	12.8	12.5	12.2	12.0	11.7	11.4
77.5°	15.4	15.3	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.8
76.25°	16.7	16.5	16.3	16.0	15.8	15.6	15.4	15.1	14.8	14.5	14.1
75°	17.9	17.7	17.5	17.2	17.0	16.7	16.5	16.2	15.9	15.7	15.4
73.75°	18.8	18.6	18.4	18.3	18.1	17.9	17.6	17.3	17.0	16.7	16.4
72.5°	19.6	19.4	19.2	19.0	18.9	18.7	18.5	18.2	18.0	17.7	17.4
71.25°	20.8	20.4	20.0	19.8	19.6	19.4	19.2	19.0	18.7	18.5	18.3
70°	22.4	22.0	21.6	21.2	20.8	20.3	19.9	19.7	19.4	19.2	18.9
68.75°	24.1	23.6	23.2	22.7	22.3	21.8	21.3	20.8	20.3	19.9	19.6
67.5°	26.1	25.5	25.0	24.3	23.8	23.3	22.8	22.2	21.7	21.1	20.6
66.25°	28.1	27.5	26.9	26.3	25.6	24.9	24.3	23.6	23.1	22.5	21.9
65°	30.4	29.6	28.9	28.2	27.5	26.8	26.1	25.3	24.6	23.8	23.2
63.75°	32.8	32.0	31.2	30.3	29.4	28.6	27.8	27.1	26.3	25.4	24.6
62.5°	35.2	34.3	33.5	32.6	31.7	30.7	29.8	28.8	28.0	27.1	26.2
61.25°	38.0	37.0	35.9	34.8	33.9	32.9	31.9	30.8	29.8	28.8	27.9
60°	40.8	39.7	38.6	37.4	36.3	35.1	34.0	32.9	31.8	30.7	29.5
58.75°	43.5	42.4	41.2	40.0	38.8	37.6	36.3	35.0	33.8	32.6	31.5
57.5°	46.3	45.1	43.9	42.6	41.4	40.1	38.7	37.3	35.9	34.6	33.3
56.25°	49.0	47.8	46.5	45.2	43.9	42.5	41.1	39.7	38.3	36.8	35.3
55°	51.0	50.0	49.1	47.8	46.4	45.0	43.5	42.0	40.5	39.0	37.4
53.75°	52.9	51.9	51.0	50.0	48.9	47.4	45.9	44.4	42.8	41.2	39.6
52.5°	54.8	53.8	52.8	51.8	50.7	49.6	48.3	46.7	45.0	43.4	41.7
51.25°	56.7	55.7	54.6	53.5	52.4	51.3	50.1	49.0	47.3	45.6	43.8
50°	58.6	57.5	56.4	55.3	54.2	53.0	51.8	50.6	49.3	47.7	45.9
48.75°	60.2	59.3	58.2	57.1	55.9	54.7	53.4	52.2	50.9	49.6	48.0
47.5°	61.7	60.8	59.8	58.8	57.6	56.3	55.1	53.7	52.4	51.1	49.7
46.25°	63.1	62.2	61.2	60.2	59.2	58.0	56.7	55.3	53.9	52.5	51.1
45°	64.2	63.5	62.6	61.6	60.5	59.5	58.2	56.8	55.4	54.0	52.5
43.75°	65.3	64.5	63.8	62.9	61.9	60.8	59.6	58.4	56.9	55.4	53.9
42.5°	66.4	65.6	64.8	64.0	63.1	62.0	60.9	59.7	58.4	56.8	55.3
41.25°	67.4	66.6	65.8	64.9	64.1	63.2	62.1	60.9	59.6	58.2	56.7
40°	68.5	67.6	66.8	65.9	65.0	64.1	63.2	62.0	60.8	59.5	58.0
38.75°	69.3	68.6	67.8	66.9	66.0	65.0	64.1	63.1	61.9	60.5	59.2
37.5°	70.0	69.4	68.7	67.8	66.9	65.9	64.9	64.0	62.9	61.6	60.2
36.25°	70.7	70.1	69.5	68.7	67.8	66.8	65.8	64.8	63.8	62.6	61.2
35°	71.2	70.7	70.1	69.4	68.6	67.6	66.6	65.6	64.5	63.5	62.2



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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°	71.5	71.2	70.7	70.0	69.3	68.5	67.4	66.4	65.3	64.2	63.1
32.5°	71.8	71.5	71.1	70.6	69.9	69.2	68.2	67.1	66.0	64.9	63.8
31.25°	72.2	71.8	71.4	71.1	70.5	69.7	69.0	67.9	66.8	65.6	64.5
30°	72.8	72.1	71.7	71.4	71.0	70.2	69.5	68.6	67.5	66.3	65.1
28.75°	73.4	72.7	72.0	71.6	71.3	70.8	70.0	69.2	68.2	67.0	65.8
27.5°	74.0	73.3	72.5	71.9	71.5	71.1	70.5	69.7	68.8	67.6	66.4
26.25°	74.9	73.8	73.1	72.3	71.8	71.4	70.9	70.1	69.3	68.2	67.0
25°	75.7	74.5	73.6	72.8	72.0	71.6	71.2	70.5	69.7	68.8	67.6
23.75°	76.5	75.3	74.1	73.3	72.4	71.8	71.4	71.0	70.1	69.3	68.1
22.5°	77.5	76.0	74.8	73.7	72.9	72.0	71.6	71.2	70.5	69.6	68.6
21.25°	79.2	76.7	75.5	74.2	73.3	72.4	71.8	71.4	70.9	70.0	69.1
20°	80.9	77.9	76.1	74.8	73.7	72.8	72.0	71.5	71.1	70.3	69.4
18.75°	82.4	79.4	76.7	75.4	74.1	73.2	72.3	71.7	71.3	70.6	69.7
17.5°	83.9	80.8	77.8	76.0	74.7	73.5	72.6	71.9	71.4	70.9	70.0
16.25°	87.5	82.2	79.1	76.5	75.2	73.9	73.0	72.0	71.6	71.1	70.3
15°	91.1	83.4	80.3	77.1	75.7	74.3	73.3	72.3	71.7	71.2	70.5
13.75°	94.4	85.7	81.4	78.1	76.1	74.7	73.5	72.6	71.8	71.4	70.8
12.5°	97.4	88.6	82.4	79.1	76.5	75.1	73.8	72.8	71.9	71.5	71.0
11.25°	100.2	91.3	83.4	80.0	76.9	75.4	74.0	73.0	72.1	71.6	71.1
10°	102.8	93.7	84.6	80.9	77.5	75.8	74.3	73.2	72.3	71.7	71.2
8.75°	107.0	95.8	86.7	81.6	78.2	76.1	74.6	73.4	72.4	71.7	71.2
7.5°	111.0	97.7	88.5	82.2	78.8	76.3	74.8	73.6	72.6	71.8	71.3
6.25°	114.3	99.3	90.0	82.8	79.3	76.5	75.0	73.7	72.7	71.9	71.4
5°	117.1	100.6	91.2	83.2	79.7	76.7	75.2	73.8	72.8	71.9	71.4
3.75°	119.2	101.7	92.2	83.6	80.1	76.8	75.3	73.9	72.9	72.0	71.5
2.5°	120.8	102.4	92.9	83.8	80.3	76.9	75.4	74.0	73.0	72.0	71.5
1.25°	121.7	102.9	93.4	84.0	80.5	77.0	75.5	74.0	73.0	72.0	71.5
0°	122.0	103.0	93.5	84.0	80.5	77.0	75.5	74.0	73.0	72.0	71.5
-1.25°	121.7	102.9	93.4	84.0	80.5	77.0	75.5	74.0	73.0	72.0	71.5
-2.5°	120.8	102.4	92.9	83.8	80.3	76.9	75.4	74.0	73.0	72.0	71.5
-3.75°	119.2	101.7	92.2	83.6	80.1	76.8	75.3	73.9	72.9	72.0	71.5
-5°	117.1	100.6	91.2	83.2	79.7	76.7	75.2	73.8	72.8	71.9	71.4
-6.25°	114.3	99.3	90.0	82.8	79.3	76.5	75.0	73.7	72.7	71.9	71.4
-7.5°	111.0	97.7	88.5	82.2	78.8	76.3	74.8	73.6	72.6	71.8	71.3
-8.75°	107.0	95.8	86.7	81.6	78.2	76.1	74.6	73.4	72.4	71.7	71.2
-10°	102.8	93.7	84.6	80.9	77.5	75.8	74.3	73.2	72.3	71.7	71.2
-11.25°	100.2	91.3	83.4	80.0	76.9	75.4	74.0	73.0	72.1	71.6	71.1
-12.5°	97.4	88.6	82.4	79.1	76.5	75.1	73.8	72.8	71.9	71.5	71.0
-13.75°	94.4	85.7	81.4	78.1	76.1	74.7	73.5	72.6	71.8	71.4	70.8
-15°	91.1	83.4	80.3	77.1	75.7	74.3	73.3	72.3	71.7	71.2	70.5
-16.25°	87.5	82.2	79.1	76.5	75.2	73.9	73.0	72.0	71.6	71.1	70.3
-17.5°	83.9	80.8	77.8	76.0	74.7	73.5	72.6	71.9	71.4	70.9	70.0
-18.75°	82.4	79.4	76.7	75.4	74.1	73.2	72.3	71.7	71.3	70.6	69.7
-20°	80.9	77.9	76.1	74.8	73.7	72.8	72.0	71.5	71.1	70.3	69.4
-21.25°	79.2	76.7	75.5	74.2	73.3	72.4	71.8	71.4	70.9	70.0	69.1



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	77.5	76.0	74.8	73.7	72.9	72.0	71.6	71.2	70.5	69.6	68.6
-23.75°	76.5	75.3	74.1	73.3	72.4	71.8	71.4	71.0	70.1	69.3	68.1
-25°	75.7	74.5	73.6	72.8	72.0	71.6	71.2	70.5	69.7	68.8	67.6
-26.25°	74.9	73.8	73.1	72.3	71.8	71.4	70.9	70.1	69.3	68.2	67.0
-27.5°	74.0	73.3	72.5	71.9	71.5	71.1	70.5	69.7	68.8	67.6	66.4
-28.75°	73.4	72.7	72.0	71.6	71.3	70.8	70.0	69.2	68.2	67.0	65.8
-30°	72.8	72.1	71.7	71.4	71.0	70.2	69.5	68.6	67.5	66.3	65.1
-31.25°	72.2	71.8	71.4	71.1	70.5	69.7	69.0	67.9	66.8	65.6	64.5
-32.5°	71.8	71.5	71.1	70.6	69.9	69.2	68.2	67.1	66.0	64.9	63.8
-33.75°	71.5	71.2	70.7	70.0	69.3	68.5	67.4	66.4	65.3	64.2	63.1
-35°	71.2	70.7	70.1	69.4	68.6	67.6	66.6	65.6	64.5	63.5	62.2
-36.25°	70.7	70.1	69.5	68.7	67.8	66.8	65.8	64.8	63.8	62.6	61.2
-37.5°	70.0	69.4	68.7	67.8	66.9	65.9	64.9	64.0	62.9	61.6	60.2
-38.75°	69.3	68.6	67.8	66.9	66.0	65.0	64.1	63.1	61.9	60.5	59.2
-40°	68.5	67.6	66.8	65.9	65.0	64.1	63.2	62.0	60.8	59.5	58.0
-41.25°	67.4	66.6	65.8	64.9	64.1	63.2	62.1	60.9	59.6	58.2	56.7
-42.5°	66.4	65.6	64.8	64.0	63.1	62.0	60.9	59.7	58.4	56.8	55.3
-43.75°	65.3	64.5	63.8	62.9	61.9	60.8	59.6	58.4	56.9	55.4	53.9
-45°	64.2	63.5	62.6	61.6	60.5	59.5	58.2	56.8	55.4	54.0	52.5
-46.25°	63.1	62.2	61.2	60.2	59.2	58.0	56.7	55.3	53.9	52.5	51.1
-47.5°	61.7	60.8	59.8	58.8	57.6	56.3	55.1	53.7	52.4	51.1	49.7
-48.75°	60.2	59.3	58.2	57.1	55.9	54.7	53.4	52.2	50.9	49.6	48.0
-50°	58.6	57.5	56.4	55.3	54.2	53.0	51.8	50.6	49.3	47.7	45.9
-51.25°	56.7	55.7	54.6	53.5	52.4	51.3	50.1	49.0	47.3	45.6	43.8
-52.5°	54.8	53.8	52.8	51.8	50.7	49.6	48.3	46.7	45.0	43.4	41.7
-53.75°	52.9	51.9	51.0	50.0	48.9	47.4	45.9	44.4	42.8	41.2	39.6
-55°	51.0	50.0	49.1	47.8	46.4	45.0	43.5	42.0	40.5	39.0	37.4
-56.25°	49.0	47.8	46.5	45.2	43.9	42.5	41.1	39.7	38.3	36.8	35.3
-57.5°	46.3	45.1	43.9	42.6	41.4	40.1	38.7	37.3	35.9	34.6	33.3
-58.75°	43.5	42.4	41.2	40.0	38.8	37.6	36.3	35.0	33.8	32.6	31.5
-60°	40.8	39.7	38.6	37.4	36.3	35.1	34.0	32.9	31.8	30.7	29.5
-61.25°	38.0	37.0	35.9	34.8	33.9	32.9	31.9	30.8	29.8	28.8	27.9
-62.5°	35.2	34.3	33.5	32.6	31.7	30.7	29.8	28.8	28.0	27.1	26.2
-63.75°	32.8	32.0	31.2	30.3	29.4	28.6	27.8	27.1	26.3	25.4	24.6
-65°	30.4	29.6	28.9	28.2	27.5	26.8	26.1	25.3	24.6	23.8	23.2
-66.25°	28.1	27.5	26.9	26.3	25.6	24.9	24.3	23.6	23.1	22.5	21.9
-67.5°	26.1	25.5	25.0	24.3	23.8	23.3	22.8	22.2	21.7	21.1	20.6
-68.75°	24.1	23.6	23.2	22.7	22.3	21.8	21.3	20.8	20.3	19.9	19.6
-70°	22.4	22.0	21.6	21.2	20.8	20.3	19.9	19.7	19.4	19.2	18.9
-71.25°	20.8	20.4	20.0	19.8	19.6	19.4	19.2	19.0	18.7	18.5	18.3
-72.5°	19.6	19.4	19.2	19.0	18.9	18.7	18.5	18.2	18.0	17.7	17.4
-73.75°	18.8	18.6	18.4	18.3	18.1	17.9	17.6	17.3	17.0	16.7	16.4
-75°	17.9	17.7	17.5	17.2	17.0	16.7	16.5	16.2	15.9	15.7	15.4
-76.25°	16.7	16.5	16.3	16.0	15.8	15.6	15.4	15.1	14.8	14.5	14.1
-77.5°	15.4	15.3	15.1	14.8	14.5	14.3	14.0	13.7	13.4	13.1	12.8



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	13.9	13.7	13.5	13.2	13.0	12.8	12.5	12.2	12.0	11.7	11.4
-80°	12.3	12.1	11.9	11.7	11.5	11.2	11.0	10.8	10.5	10.3	10.0
-81.25°	10.6	10.5	10.3	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
-82.5°	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.7	7.5	7.3
-83.75°	7.3	7.2	7.1	6.9	6.8	6.7	6.5	6.4	6.2	6.1	5.9
-85°	5.6	5.6	5.4	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.5
-86.25°	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1
-88.75°	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.7
87.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
86.25°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
85°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
83.75°	5.7	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0
82.5°	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.4	5.2	5.0
81.25°	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.2	6.0
80°	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.9	7.6	7.3	7.0
78.75°	11.1	10.8	10.5	10.2	9.9	9.6	9.3	9.0	8.6	8.3	8.0
77.5°	12.5	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7	9.3	8.9
76.25°	13.8	13.4	13.1	12.7	12.3	11.9	11.5	11.1	10.7	10.3	9.9
75°	15.1	14.7	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.9
73.75°	16.1	15.8	15.4	15.1	14.7	14.2	13.8	13.3	12.8	12.4	11.9
72.5°	17.1	16.7	16.4	16.0	15.7	15.3	14.9	14.4	13.9	13.4	12.8
71.25°	18.0	17.7	17.3	16.9	16.5	16.1	15.7	15.3	14.9	14.4	13.8
70°	18.7	18.4	18.2	17.8	17.4	17.0	16.6	16.1	15.7	15.3	14.8
68.75°	19.3	19.1	18.8	18.5	18.2	17.9	17.4	16.9	16.5	16.0	15.5
67.5°	20.0	19.7	19.4	19.1	18.8	18.5	18.1	17.7	17.2	16.7	16.2
66.25°	21.3	20.6	20.0	19.7	19.4	19.0	18.7	18.3	18.0	17.5	16.9
65°	22.5	21.9	21.2	20.5	19.9	19.6	19.2	18.9	18.5	18.1	17.6
63.75°	23.8	23.1	22.4	21.7	21.0	20.3	19.8	19.4	19.0	18.6	18.2
62.5°	25.4	24.5	23.6	22.9	22.1	21.4	20.6	19.9	19.5	19.1	18.7
61.25°	26.9	26.0	25.0	24.0	23.2	22.4	21.6	20.8	20.0	19.6	19.1
60°	28.5	27.5	26.5	25.5	24.4	23.5	22.7	21.8	20.9	20.1	19.6
58.75°	30.2	29.0	28.0	26.9	25.8	24.7	23.7	22.8	21.9	21.0	20.1
57.5°	32.1	30.8	29.5	28.3	27.2	26.0	24.9	23.8	22.8	21.9	20.9
56.25°	33.9	32.6	31.2	29.8	28.5	27.4	26.2	25.0	23.8	22.8	21.8
55°	35.8	34.3	32.9	31.5	30.0	28.7	27.4	26.2	24.9	23.7	22.7
53.75°	37.9	36.3	34.6	33.1	31.6	30.1	28.7	27.4	26.0	24.7	23.5
52.5°	40.0	38.3	36.5	34.8	33.2	31.6	30.0	28.5	27.2	25.8	24.4
51.25°	42.0	40.2	38.4	36.6	34.8	33.1	31.5	29.8	28.3	26.9	25.5
50°	44.1	42.2	40.3	38.4	36.5	34.6	32.9	31.2	29.5	28.0	26.5
48.75°	46.1	44.2	42.2	40.2	38.3	36.3	34.3	32.6	30.8	29.0	27.5
47.5°	48.0	46.1	44.1	42.0	40.0	37.9	35.8	33.9	32.1	30.2	28.5
46.25°	49.7	48.0	45.9	43.8	41.7	39.6	37.4	35.3	33.3	31.5	29.5
45°	51.1	49.6	47.7	45.6	43.4	41.2	39.0	36.8	34.6	32.6	30.7
43.75°	52.4	50.9	49.3	47.3	45.0	42.8	40.5	38.3	35.9	33.8	31.8
42.5°	53.7	52.2	50.6	49.0	46.7	44.4	42.0	39.7	37.3	35.0	32.9
41.25°	55.1	53.4	51.8	50.1	48.3	45.9	43.5	41.1	38.7	36.3	34.0
40°	56.3	54.7	53.0	51.3	49.6	47.4	45.0	42.5	40.1	37.6	35.1
38.75°	57.6	55.9	54.2	52.4	50.7	48.9	46.4	43.9	41.4	38.8	36.3
37.5°	58.8	57.1	55.3	53.5	51.8	50.0	47.8	45.2	42.6	40.0	37.4
36.25°	59.8	58.2	56.4	54.6	52.8	51.0	49.1	46.5	43.9	41.2	38.6
35°	60.8	59.3	57.5	55.7	53.8	51.9	50.0	47.8	45.1	42.4	39.7



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	61.7	60.2	58.6	56.7	54.8	52.9	51.0	49.0	46.3	43.5	40.8
32.5°	62.6	61.1	59.5	57.7	55.8	53.8	51.9	49.9	47.4	44.6	41.8
31.25°	63.3	61.9	60.3	58.7	56.7	54.7	52.7	50.7	48.6	45.7	42.9
30°	64.0	62.7	61.1	59.5	57.6	55.6	53.6	51.5	49.5	46.8	43.8
28.75°	64.6	63.4	61.9	60.3	58.5	56.5	54.4	52.3	50.2	47.7	44.8
27.5°	65.2	64.0	62.6	61.0	59.3	57.3	55.2	53.0	50.9	48.7	45.7
26.25°	65.8	64.5	63.2	61.6	59.9	58.1	55.9	53.8	51.6	49.5	46.6
25°	66.3	65.0	63.8	62.3	60.6	58.8	56.6	54.5	52.3	50.1	47.4
23.75°	66.8	65.5	64.2	62.9	61.2	59.4	57.3	55.1	52.9	50.7	48.3
22.5°	67.3	66.0	64.7	63.4	61.8	60.0	58.0	55.8	53.5	51.3	49.0
21.25°	67.8	66.5	65.2	63.8	62.3	60.5	58.6	56.4	54.1	51.8	49.6
20°	68.3	66.9	65.6	64.2	62.8	61.0	59.2	56.9	54.6	52.4	50.0
18.75°	68.7	67.4	66.0	64.6	63.2	61.5	59.6	57.5	55.2	52.8	50.5
17.5°	69.1	67.8	66.4	65.0	63.6	61.9	60.1	58.0	55.7	53.3	51.0
16.25°	69.3	68.1	66.7	65.3	63.9	62.3	60.5	58.5	56.1	53.7	51.4
15°	69.6	68.5	67.1	65.6	64.2	62.7	60.8	58.9	56.5	54.1	51.8
13.75°	69.8	68.8	67.4	65.9	64.5	63.1	61.2	59.3	56.9	54.5	52.1
12.5°	70.0	69.1	67.6	66.2	64.8	63.3	61.5	59.6	57.3	54.9	52.4
11.25°	70.2	69.2	67.9	66.4	65.0	63.5	61.8	59.8	57.6	55.2	52.7
10°	70.4	69.4	68.1	66.7	65.2	63.7	62.0	60.1	57.9	55.4	53.0
8.75°	70.5	69.5	68.3	66.9	65.4	63.9	62.3	60.3	58.2	55.7	53.2
7.5°	70.6	69.7	68.5	67.0	65.5	64.1	62.5	60.5	58.4	55.9	53.4
6.25°	70.8	69.8	68.7	67.2	65.7	64.2	62.6	60.6	58.6	56.1	53.6
5°	70.8	69.8	68.8	67.3	65.8	64.3	62.8	60.8	58.7	56.2	53.7
3.75°	70.9	69.9	68.9	67.4	65.9	64.4	62.9	60.9	58.8	56.4	53.9
2.5°	71.0	70.0	68.9	67.4	65.9	64.5	62.9	60.9	58.9	56.4	53.9
1.25°	71.0	70.0	69.0	67.5	66.0	64.5	63.0	61.0	59.0	56.5	54.0
0°	71.0	70.0	69.0	67.5	66.0	64.5	63.0	61.0	59.0	56.5	54.0
-1.25°	71.0	70.0	69.0	67.5	66.0	64.5	63.0	61.0	59.0	56.5	54.0
-2.5°	71.0	70.0	68.9	67.4	65.9	64.5	62.9	60.9	58.9	56.4	53.9
-3.75°	70.9	69.9	68.9	67.4	65.9	64.4	62.9	60.9	58.8	56.4	53.9
-5°	70.8	69.8	68.8	67.3	65.8	64.3	62.8	60.8	58.7	56.2	53.7
-6.25°	70.8	69.8	68.7	67.2	65.7	64.2	62.6	60.6	58.6	56.1	53.6
-7.5°	70.6	69.7	68.5	67.0	65.5	64.1	62.5	60.5	58.4	55.9	53.4
-8.75°	70.5	69.5	68.3	66.9	65.4	63.9	62.3	60.3	58.2	55.7	53.2
-10°	70.4	69.4	68.1	66.7	65.2	63.7	62.0	60.1	57.9	55.4	53.0
-11.25°	70.2	69.2	67.9	66.4	65.0	63.5	61.8	59.8	57.6	55.2	52.7
-12.5°	70.0	69.1	67.6	66.2	64.8	63.3	61.5	59.6	57.3	54.9	52.4
-13.75°	69.8	68.8	67.4	65.9	64.5	63.1	61.2	59.3	56.9	54.5	52.1
-15°	69.6	68.5	67.1	65.6	64.2	62.7	60.8	58.9	56.5	54.1	51.8
-16.25°	69.3	68.1	66.7	65.3	63.9	62.3	60.5	58.5	56.1	53.7	51.4
-17.5°	69.1	67.8	66.4	65.0	63.6	61.9	60.1	58.0	55.7	53.3	51.0
-18.75°	68.7	67.4	66.0	64.6	63.2	61.5	59.6	57.5	55.2	52.8	50.5
-20°	68.3	66.9	65.6	64.2	62.8	61.0	59.2	56.9	54.6	52.4	50.0
-21.25°	67.8	66.5	65.2	63.8	62.3	60.5	58.6	56.4	54.1	51.8	49.6





REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	67.3	66.0	64.7	63.4	61.8	60.0	58.0	55.8	53.5	51.3	49.0
-23.75°	66.8	65.5	64.2	62.9	61.2	59.4	57.3	55.1	52.9	50.7	48.3
-25°	66.3	65.0	63.8	62.3	60.6	58.8	56.6	54.5	52.3	50.1	47.4
-26.25°	65.8	64.5	63.2	61.6	59.9	58.1	55.9	53.8	51.6	49.5	46.6
-27.5°	65.2	64.0	62.6	61.0	59.3	57.3	55.2	53.0	50.9	48.7	45.7
-28.75°	64.6	63.4	61.9	60.3	58.5	56.5	54.4	52.3	50.2	47.7	44.8
-30°	64.0	62.7	61.1	59.5	57.6	55.6	53.6	51.5	49.5	46.8	43.8
-31.25°	63.3	61.9	60.3	58.7	56.7	54.7	52.7	50.7	48.6	45.7	42.9
-32.5°	62.6	61.1	59.5	57.7	55.8	53.8	51.9	49.9	47.4	44.6	41.8
-33.75°	61.7	60.2	58.6	56.7	54.8	52.9	51.0	49.0	46.3	43.5	40.8
-35°	60.8	59.3	57.5	55.7	53.8	51.9	50.0	47.8	45.1	42.4	39.7
-36.25°	59.8	58.2	56.4	54.6	52.8	51.0	49.1	46.5	43.9	41.2	38.6
-37.5°	58.8	57.1	55.3	53.5	51.8	50.0	47.8	45.2	42.6	40.0	37.4
-38.75°	57.6	55.9	54.2	52.4	50.7	48.9	46.4	43.9	41.4	38.8	36.3
-40°	56.3	54.7	53.0	51.3	49.6	47.4	45.0	42.5	40.1	37.6	35.1
-41.25°	55.1	53.4	51.8	50.1	48.3	45.9	43.5	41.1	38.7	36.3	34.0
-42.5°	53.7	52.2	50.6	49.0	46.7	44.4	42.0	39.7	37.3	35.0	32.9
-43.75°	52.4	50.9	49.3	47.3	45.0	42.8	40.5	38.3	35.9	33.8	31.8
-45°	51.1	49.6	47.7	45.6	43.4	41.2	39.0	36.8	34.6	32.6	30.7
-46.25°	49.7	48.0	45.9	43.8	41.7	39.6	37.4	35.3	33.3	31.5	29.5
-47.5°	48.0	46.1	44.1	42.0	40.0	37.9	35.8	33.9	32.1	30.2	28.5
-48.75°	46.1	44.2	42.2	40.2	38.3	36.3	34.3	32.6	30.8	29.0	27.5
-50°	44.1	42.2	40.3	38.4	36.5	34.6	32.9	31.2	29.5	28.0	26.5
-51.25°	42.0	40.2	38.4	36.6	34.8	33.1	31.5	29.8	28.3	26.9	25.5
-52.5°	40.0	38.3	36.5	34.8	33.2	31.6	30.0	28.5	27.2	25.8	24.4
-53.75°	37.9	36.3	34.6	33.1	31.6	30.1	28.7	27.4	26.0	24.7	23.5
-55°	35.8	34.3	32.9	31.5	30.0	28.7	27.4	26.2	24.9	23.7	22.7
-56.25°	33.9	32.6	31.2	29.8	28.5	27.4	26.2	25.0	23.8	22.8	21.8
-57.5°	32.1	30.8	29.5	28.3	27.2	26.0	24.9	23.8	22.8	21.9	20.9
-58.75°	30.2	29.0	28.0	26.9	25.8	24.7	23.7	22.8	21.9	21.0	20.1
-60°	28.5	27.5	26.5	25.5	24.4	23.5	22.7	21.8	20.9	20.1	19.6
-61.25°	26.9	26.0	25.0	24.0	23.2	22.4	21.6	20.8	20.0	19.6	19.1
-62.5°	25.4	24.5	23.6	22.9	22.1	21.4	20.6	19.9	19.5	19.1	18.7
-63.75°	23.8	23.1	22.4	21.7	21.0	20.3	19.8	19.4	19.0	18.6	18.2
-65°	22.5	21.9	21.2	20.5	19.9	19.6	19.2	18.9	18.5	18.1	17.6
-66.25°	21.3	20.6	20.0	19.7	19.4	19.0	18.7	18.3	18.0	17.5	16.9
-67.5°	20.0	19.7	19.4	19.1	18.8	18.5	18.1	17.7	17.2	16.7	16.2
-68.75°	19.3	19.1	18.8	18.5	18.2	17.9	17.4	16.9	16.5	16.0	15.5
-70°	18.7	18.4	18.2	17.8	17.4	17.0	16.6	16.1	15.7	15.3	14.8
-71.25°	18.0	17.7	17.3	16.9	16.5	16.1	15.7	15.3	14.9	14.4	13.8
-72.5°	17.1	16.7	16.4	16.0	15.7	15.3	14.9	14.4	13.9	13.4	12.8
-73.75°	16.1	15.8	15.4	15.1	14.7	14.2	13.8	13.3	12.8	12.4	11.9
-75°	15.1	14.7	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.9
-76.25°	13.8	13.4	13.1	12.7	12.3	11.9	11.5	11.1	10.7	10.3	9.9
-77.5°	12.5	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7	9.3	8.9



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	11.1	10.8	10.5	10.2	9.9	9.6	9.3	9.0	8.6	8.3	8.0
-80°	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.9	7.6	7.3	7.0
-81.25°	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.2	6.0
-82.5°	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.4	5.2	5.0
-83.75°	5.7	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0
-85°	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.3	3.1	3.0
-86.25°	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2
-87.5°	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-88.75°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	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: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-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°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
87.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
86.25°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
85°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
83.75°	3.8	3.6	3.4	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1
82.5°	4.8	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.9	2.7	2.5
81.25°	5.7	5.4	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.2	2.9
80°	6.7	6.4	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.5
78.75°	7.6	7.3	6.9	6.6	6.2	5.9	5.5	5.1	4.8	4.4	4.0
77.5°	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4	5.0	4.6
76.25°	9.5	9.1	8.7	8.2	7.8	7.3	6.9	6.5	6.0	5.6	5.1
75°	10.4	10.0	9.5	9.0	8.6	8.1	7.6	7.1	6.6	6.1	5.6
73.75°	11.4	10.9	10.4	9.9	9.4	8.8	8.3	7.8	7.3	6.7	6.2
72.5°	12.3	11.8	11.2	10.7	10.1	9.6	9.0	8.4	7.9	7.3	6.7
71.25°	13.2	12.7	12.1	11.5	10.9	10.3	9.7	9.1	8.5	7.9	7.3
70°	14.1	13.5	12.9	12.3	11.7	11.0	10.4	9.7	9.1	8.4	7.8
68.75°	15.0	14.4	13.8	13.1	12.4	11.8	11.1	10.4	9.7	9.0	8.3
67.5°	15.7	15.2	14.6	13.9	13.2	12.5	11.8	11.0	10.3	9.6	8.8
66.25°	16.4	15.9	15.3	14.7	13.9	13.2	12.4	11.7	10.9	10.1	9.4
65°	17.1	16.5	15.9	15.3	14.7	13.9	13.1	12.3	11.5	10.7	9.9
63.75°	17.7	17.1	16.5	15.9	15.3	14.6	13.8	12.9	12.1	11.2	10.4
62.5°	18.3	17.8	17.1	16.5	15.9	15.2	14.4	13.5	12.7	11.8	10.9
61.25°	18.7	18.3	17.7	17.1	16.4	15.7	15.0	14.1	13.2	12.3	11.4
60°	19.1	18.7	18.2	17.6	16.9	16.2	15.5	14.8	13.8	12.8	11.9
58.75°	19.6	19.1	18.6	18.1	17.5	16.7	16.0	15.3	14.4	13.4	12.4
57.5°	20.0	19.5	19.0	18.5	18.0	17.2	16.5	15.7	14.9	13.9	12.8
56.25°	20.8	19.9	19.4	18.9	18.3	17.7	16.9	16.1	15.3	14.4	13.3
55°	21.6	20.6	19.8	19.2	18.7	18.1	17.4	16.6	15.7	14.9	13.8
53.75°	22.4	21.4	20.3	19.6	19.0	18.5	17.9	17.0	16.1	15.3	14.2
52.5°	23.2	22.1	21.0	19.9	19.4	18.8	18.2	17.4	16.5	15.7	14.7
51.25°	24.0	22.9	21.7	20.5	19.7	19.1	18.5	17.8	16.9	16.0	15.1
50°	25.0	23.6	22.4	21.2	20.0	19.4	18.8	18.2	17.3	16.4	15.4
48.75°	26.0	24.5	23.1	21.9	20.6	19.7	19.1	18.4	17.7	16.7	15.8
47.5°	26.9	25.4	23.8	22.5	21.3	20.0	19.3	18.7	18.0	17.1	16.1
46.25°	27.9	26.2	24.6	23.2	21.9	20.6	19.6	18.9	18.3	17.4	16.4
45°	28.8	27.1	25.4	23.8	22.5	21.1	19.9	19.2	18.5	17.7	16.7
43.75°	29.8	28.0	26.3	24.6	23.1	21.7	20.3	19.4	18.7	18.0	17.0
42.5°	30.8	28.8	27.1	25.3	23.6	22.2	20.8	19.7	19.0	18.2	17.3
41.25°	31.9	29.8	27.8	26.1	24.3	22.8	21.3	19.9	19.2	18.5	17.6
40°	32.9	30.7	28.6	26.8	24.9	23.3	21.8	20.3	19.4	18.7	17.9
38.75°	33.9	31.7	29.4	27.5	25.6	23.8	22.3	20.8	19.6	18.9	18.1
37.5°	34.8	32.6	30.3	28.2	26.3	24.3	22.7	21.2	19.8	19.0	18.3
36.25°	35.9	33.5	31.2	28.9	26.9	25.0	23.2	21.6	20.0	19.2	18.4
35°	37.0	34.3	32.0	29.6	27.5	25.5	23.6	22.0	20.4	19.4	18.6

REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	38.0	35.2	32.8	30.4	28.1	26.1	24.1	22.4	20.8	19.6	18.8
32.5°	39.0	36.2	33.6	31.1	28.7	26.7	24.6	22.8	21.2	19.8	18.9
31.25°	40.0	37.1	34.3	31.8	29.3	27.2	25.1	23.2	21.5	19.9	19.1
30°	40.9	38.0	35.1	32.5	30.0	27.7	25.6	23.6	21.9	20.2	19.2
28.75°	41.8	38.9	35.9	33.2	30.6	28.2	26.1	23.9	22.2	20.5	19.4
27.5°	42.7	39.7	36.7	33.8	31.2	28.7	26.5	24.3	22.5	20.8	19.5
26.25°	43.6	40.5	37.4	34.5	31.8	29.2	26.9	24.7	22.8	21.0	19.6
25°	44.4	41.3	38.2	35.1	32.4	29.7	27.4	25.1	23.1	21.3	19.8
23.75°	45.1	42.0	38.9	35.7	32.9	30.2	27.7	25.5	23.4	21.6	19.9
22.5°	45.9	42.7	39.5	36.4	33.4	30.7	28.1	25.8	23.6	21.8	20.0
21.25°	46.6	43.4	40.2	36.9	33.9	31.1	28.5	26.2	23.9	22.0	20.2
20°	47.2	44.0	40.8	37.5	34.4	31.6	28.8	26.5	24.2	22.3	20.4
18.75°	47.9	44.6	41.3	38.1	34.8	32.0	29.2	26.8	24.4	22.5	20.6
17.5°	48.5	45.2	41.9	38.6	35.2	32.4	29.5	27.1	24.7	22.7	20.8
16.25°	49.0	45.7	42.4	39.0	35.7	32.7	29.9	27.3	24.9	22.8	20.9
15°	49.4	46.2	42.8	39.5	36.1	33.1	30.2	27.6	25.2	23.0	21.1
13.75°	49.7	46.6	43.2	39.9	36.5	33.4	30.5	27.8	25.4	23.2	21.2
12.5°	50.0	47.0	43.6	40.2	36.8	33.7	30.7	28.0	25.6	23.3	21.4
11.25°	50.3	47.4	44.0	40.6	37.1	33.9	31.0	28.2	25.8	23.4	21.5
10°	50.5	47.7	44.3	40.9	37.4	34.1	31.2	28.4	25.9	23.6	21.6
8.75°	50.8	48.0	44.6	41.1	37.7	34.3	31.4	28.5	26.0	23.7	21.7
7.5°	51.0	48.3	44.8	41.4	37.9	34.5	31.5	28.6	26.2	23.8	21.8
6.25°	51.1	48.5	45.0	41.6	38.1	34.7	31.7	28.8	26.3	23.8	21.8
5°	51.3	48.7	45.2	41.7	38.2	34.8	31.8	28.8	26.4	23.9	21.9
3.75°	51.4	48.8	45.3	41.8	38.3	34.9	31.9	28.9	26.4	23.9	21.9
2.5°	51.4	48.9	45.4	41.9	38.4	34.9	31.9	29.0	26.5	24.0	22.0
1.25°	51.5	49.0	45.5	42.0	38.5	35.0	32.0	29.0	26.5	24.0	22.0
0°	51.5	49.0	45.5	42.0	38.5	35.0	32.0	29.0	26.5	24.0	22.0
-1.25°	51.5	49.0	45.5	42.0	38.5	35.0	32.0	29.0	26.5	24.0	22.0
-2.5°	51.4	48.9	45.4	41.9	38.4	34.9	31.9	29.0	26.5	24.0	22.0
-3.75°	51.4	48.8	45.3	41.8	38.3	34.9	31.9	28.9	26.4	23.9	21.9
-5°	51.3	48.7	45.2	41.7	38.2	34.8	31.8	28.8	26.4	23.9	21.9
-6.25°	51.1	48.5	45.0	41.6	38.1	34.7	31.7	28.8	26.3	23.8	21.8
-7.5°	51.0	48.3	44.8	41.4	37.9	34.5	31.5	28.6	26.2	23.8	21.8
-8.75°	50.8	48.0	44.6	41.1	37.7	34.3	31.4	28.5	26.0	23.7	21.7
-10°	50.5	47.7	44.3	40.9	37.4	34.1	31.2	28.4	25.9	23.6	21.6
-11.25°	50.3	47.4	44.0	40.6	37.1	33.9	31.0	28.2	25.8	23.4	21.5
-12.5°	50.0	47.0	43.6	40.2	36.8	33.7	30.7	28.0	25.6	23.3	21.4
-13.75°	49.7	46.6	43.2	39.9	36.5	33.4	30.5	27.8	25.4	23.2	21.2
-15°	49.4	46.2	42.8	39.5	36.1	33.1	30.2	27.6	25.2	23.0	21.1
-16.25°	49.0	45.7	42.4	39.0	35.7	32.7	29.9	27.3	24.9	22.8	20.9
-17.5°	48.5	45.2	41.9	38.6	35.2	32.4	29.5	27.1	24.7	22.7	20.8
-18.75°	47.9	44.6	41.3	38.1	34.8	32.0	29.2	26.8	24.4	22.5	20.6
-20°	47.2	44.0	40.8	37.5	34.4	31.6	28.8	26.5	24.2	22.3	20.4
-21.25°	46.6	43.4	40.2	36.9	33.9	31.1	28.5	26.2	23.9	22.0	20.2



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-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°	45.9	42.7	39.5	36.4	33.4	30.7	28.1	25.8	23.6	21.8	20.0
-23.75°	45.1	42.0	38.9	35.7	32.9	30.2	27.7	25.5	23.4	21.6	19.9
-25°	44.4	41.3	38.2	35.1	32.4	29.7	27.4	25.1	23.1	21.3	19.8
-26.25°	43.6	40.5	37.4	34.5	31.8	29.2	26.9	24.7	22.8	21.0	19.6
-27.5°	42.7	39.7	36.7	33.8	31.2	28.7	26.5	24.3	22.5	20.8	19.5
-28.75°	41.8	38.9	35.9	33.2	30.6	28.2	26.1	23.9	22.2	20.5	19.4
-30°	40.9	38.0	35.1	32.5	30.0	27.7	25.6	23.6	21.9	20.2	19.2
-31.25°	40.0	37.1	34.3	31.8	29.3	27.2	25.1	23.2	21.5	19.9	19.1
-32.5°	39.0	36.2	33.6	31.1	28.7	26.7	24.6	22.8	21.2	19.8	18.9
-33.75°	38.0	35.2	32.8	30.4	28.1	26.1	24.1	22.4	20.8	19.6	18.8
-35°	37.0	34.3	32.0	29.6	27.5	25.5	23.6	22.0	20.4	19.4	18.6
-36.25°	35.9	33.5	31.2	28.9	26.9	25.0	23.2	21.6	20.0	19.2	18.4
-37.5°	34.8	32.6	30.3	28.2	26.3	24.3	22.7	21.2	19.8	19.0	18.3
-38.75°	33.9	31.7	29.4	27.5	25.6	23.8	22.3	20.8	19.6	18.9	18.1
-40°	32.9	30.7	28.6	26.8	24.9	23.3	21.8	20.3	19.4	18.7	17.9
-41.25°	31.9	29.8	27.8	26.1	24.3	22.8	21.3	19.9	19.2	18.5	17.6
-42.5°	30.8	28.8	27.1	25.3	23.6	22.2	20.8	19.7	19.0	18.2	17.3
-43.75°	29.8	28.0	26.3	24.6	23.1	21.7	20.3	19.4	18.7	18.0	17.0
-45°	28.8	27.1	25.4	23.8	22.5	21.1	19.9	19.2	18.5	17.7	16.7
-46.25°	27.9	26.2	24.6	23.2	21.9	20.6	19.6	18.9	18.3	17.4	16.4
-47.5°	26.9	25.4	23.8	22.5	21.3	20.0	19.3	18.7	18.0	17.1	16.1
-48.75°	26.0	24.5	23.1	21.9	20.6	19.7	19.1	18.4	17.7	16.7	15.8
-50°	25.0	23.6	22.4	21.2	20.0	19.4	18.8	18.2	17.3	16.4	15.4
-51.25°	24.0	22.9	21.7	20.5	19.7	19.1	18.5	17.8	16.9	16.0	15.1
-52.5°	23.2	22.1	21.0	19.9	19.4	18.8	18.2	17.4	16.5	15.7	14.7
-53.75°	22.4	21.4	20.3	19.6	19.0	18.5	17.9	17.0	16.1	15.3	14.2
-55°	21.6	20.6	19.8	19.2	18.7	18.1	17.4	16.6	15.7	14.9	13.8
-56.25°	20.8	19.9	19.4	18.9	18.3	17.7	16.9	16.1	15.3	14.4	13.3
-57.5°	20.0	19.5	19.0	18.5	18.0	17.2	16.5	15.7	14.9	13.9	12.8
-58.75°	19.6	19.1	18.6	18.1	17.5	16.7	16.0	15.3	14.4	13.4	12.4
-60°	19.1	18.7	18.2	17.6	16.9	16.2	15.5	14.8	13.8	12.8	11.9
-61.25°	18.7	18.3	17.7	17.1	16.4	15.7	15.0	14.1	13.2	12.3	11.4
-62.5°	18.3	17.8	17.1	16.5	15.9	15.2	14.4	13.5	12.7	11.8	10.9
-63.75°	17.7	17.1	16.5	15.9	15.3	14.6	13.8	12.9	12.1	11.2	10.4
-65°	17.1	16.5	15.9	15.3	14.7	13.9	13.1	12.3	11.5	10.7	9.9
-66.25°	16.4	15.9	15.3	14.7	13.9	13.2	12.4	11.7	10.9	10.1	9.4
-67.5°	15.7	15.2	14.6	13.9	13.2	12.5	11.8	11.0	10.3	9.6	8.8
-68.75°	15.0	14.4	13.8	13.1	12.4	11.8	11.1	10.4	9.7	9.0	8.3
-70°	14.1	13.5	12.9	12.3	11.7	11.0	10.4	9.7	9.1	8.4	7.8
-71.25°	13.2	12.7	12.1	11.5	10.9	10.3	9.7	9.1	8.5	7.9	7.3
-72.5°	12.3	11.8	11.2	10.7	10.1	9.6	9.0	8.4	7.9	7.3	6.7
-73.75°	11.4	10.9	10.4	9.9	9.4	8.8	8.3	7.8	7.3	6.7	6.2
-75°	10.4	10.0	9.5	9.0	8.6	8.1	7.6	7.1	6.6	6.1	5.6
-76.25°	9.5	9.1	8.7	8.2	7.8	7.3	6.9	6.5	6.0	5.6	5.1
-77.5°	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4	5.0	4.6



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**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	7.6	7.3	6.9	6.6	6.2	5.9	5.5	5.1	4.8	4.4	4.0
-80°	6.7	6.4	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.5
-81.25°	5.7	5.4	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.2	2.9
-82.5°	4.8	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.9	2.7	2.5
-83.75°	3.8	3.6	3.4	3.2	3.0	2.9	2.7	2.6	2.4	2.3	2.1
-85°	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7
-86.25°	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.3
-87.5°	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.8
-88.75°	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
87.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
85°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
83.75°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
82.5°	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
81.25°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
80°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
78.75°	3.6	3.3	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
77.5°	4.1	3.7	3.3	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.6
76.25°	4.6	4.2	3.7	3.3	2.8	2.5	2.1	1.8	1.4	1.1	0.7
75°	5.1	4.6	4.1	3.6	3.1	2.7	2.3	1.9	1.6	1.2	0.8
73.75°	5.6	5.1	4.6	4.0	3.5	2.9	2.5	2.1	1.7	1.3	0.8
72.5°	6.1	5.6	5.0	4.4	3.8	3.2	2.7	2.3	1.8	1.4	0.9
71.25°	6.6	6.0	5.4	4.8	4.1	3.5	2.9	2.4	1.9	1.4	1.0
70°	7.1	6.5	5.8	5.1	4.4	3.8	3.1	2.6	2.0	1.5	1.0
68.75°	7.6	6.9	6.2	5.5	4.8	4.1	3.3	2.7	2.2	1.6	1.1
67.5°	8.1	7.3	6.6	5.9	5.1	4.3	3.6	2.9	2.3	1.7	1.1
66.25°	8.6	7.8	7.0	6.2	5.4	4.6	3.8	3.0	2.4	1.8	1.2
65°	9.0	8.2	7.4	6.6	5.7	4.9	4.1	3.2	2.5	1.9	1.3
63.75°	9.5	8.7	7.8	6.9	6.0	5.2	4.3	3.4	2.7	2.0	1.3
62.5°	10.0	9.1	8.2	7.3	6.4	5.4	4.5	3.6	2.8	2.1	1.4
61.25°	10.4	9.5	8.6	7.6	6.7	5.7	4.8	3.8	2.9	2.2	1.4
60°	10.9	9.9	8.9	8.0	7.0	6.0	5.0	4.0	3.0	2.2	1.5
58.75°	11.3	10.3	9.3	8.3	7.3	6.2	5.2	4.2	3.1	2.3	1.6
57.5°	11.8	10.7	9.7	8.6	7.6	6.5	5.4	4.4	3.3	2.4	1.6
56.25°	12.2	11.1	10.1	9.0	7.9	6.8	5.7	4.5	3.4	2.5	1.7
55°	12.7	11.5	10.4	9.3	8.1	7.0	5.9	4.7	3.6	2.6	1.7
53.75°	13.1	11.9	10.8	9.6	8.4	7.3	6.1	4.9	3.7	2.7	1.8
52.5°	13.5	12.3	11.1	9.9	8.7	7.5	6.3	5.1	3.9	2.7	1.8
51.25°	13.9	12.7	11.5	10.2	9.0	7.7	6.5	5.3	4.0	2.8	1.9
50°	14.3	13.1	11.8	10.5	9.3	8.0	6.7	5.4	4.1	2.9	1.9
48.75°	14.7	13.4	12.1	10.8	9.5	8.2	6.9	5.6	4.3	3.0	2.0
47.5°	15.1	13.8	12.5	11.1	9.8	8.4	7.1	5.7	4.4	3.1	2.0
46.25°	15.4	14.1	12.8	11.4	10.0	8.7	7.3	5.9	4.5	3.1	2.1
45°	15.7	14.5	13.1	11.7	10.3	8.9	7.5	6.1	4.7	3.2	2.1
43.75°	15.9	14.8	13.4	12.0	10.5	9.1	7.7	6.2	4.8	3.3	2.2
42.5°	16.2	15.1	13.7	12.2	10.8	9.3	7.8	6.4	4.9	3.4	2.2
41.25°	16.5	15.4	14.0	12.5	11.0	9.5	8.0	6.5	5.0	3.5	2.3
40°	16.7	15.6	14.3	12.8	11.2	9.7	8.2	6.7	5.1	3.6	2.3
38.75°	17.0	15.8	14.5	13.0	11.5	9.9	8.3	6.8	5.2	3.7	2.3
37.5°	17.2	16.0	14.8	13.2	11.7	10.1	8.5	6.9	5.3	3.8	2.4
36.25°	17.5	16.3	15.1	13.5	11.9	10.3	8.7	7.1	5.4	3.8	2.4
35°	17.7	16.5	15.3	13.7	12.1	10.5	8.8	7.2	5.6	3.9	2.5



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	17.9	16.7	15.4	13.9	12.3	10.6	9.0	7.3	5.6	4.0	2.5
32.5°	18.1	16.9	15.6	14.2	12.5	10.8	9.1	7.4	5.7	4.1	2.5
31.25°	18.2	17.1	15.8	14.4	12.7	11.0	9.3	7.5	5.8	4.1	2.6
30°	18.4	17.3	16.0	14.6	12.8	11.1	9.4	7.7	5.9	4.2	2.6
28.75°	18.5	17.4	16.1	14.8	13.0	11.3	9.5	7.8	6.0	4.3	2.6
27.5°	18.6	17.6	16.3	14.9	13.2	11.4	9.6	7.9	6.1	4.3	2.7
26.25°	18.7	17.8	16.4	15.1	13.3	11.5	9.8	8.0	6.2	4.4	2.7
25°	18.9	17.9	16.6	15.2	13.5	11.7	9.9	8.1	6.2	4.4	2.7
23.75°	19.0	18.1	16.7	15.3	13.6	11.8	10.0	8.2	6.3	4.5	2.7
22.5°	19.1	18.1	16.8	15.5	13.8	11.9	10.1	8.2	6.4	4.5	2.8
21.25°	19.2	18.2	17.0	15.6	13.9	12.0	10.2	8.3	6.5	4.6	2.8
20°	19.3	18.3	17.1	15.7	14.0	12.1	10.3	8.4	6.5	4.6	2.8
18.75°	19.3	18.4	17.2	15.8	14.1	12.3	10.4	8.5	6.6	4.7	2.8
17.5°	19.4	18.5	17.3	15.9	14.3	12.3	10.4	8.5	6.6	4.7	2.9
16.25°	19.5	18.6	17.4	16.0	14.4	12.4	10.5	8.6	6.7	4.8	2.9
15°	19.6	18.6	17.5	16.0	14.4	12.5	10.6	8.7	6.7	4.8	2.9
13.75°	19.6	18.7	17.6	16.1	14.5	12.6	10.7	8.7	6.8	4.8	2.9
12.5°	19.7	18.7	17.6	16.2	14.6	12.7	10.7	8.8	6.8	4.9	2.9
11.25°	19.8	18.8	17.7	16.2	14.7	12.7	10.8	8.8	6.8	4.9	2.9
10°	19.8	18.8	17.8	16.3	14.8	12.8	10.8	8.8	6.9	4.9	3.0
8.75°	19.9	18.9	17.8	16.3	14.8	12.8	10.9	8.9	6.9	4.9	3.0
7.5°	19.9	18.9	17.9	16.4	14.9	12.9	10.9	8.9	6.9	4.9	3.0
6.25°	19.9	18.9	17.9	16.4	14.9	12.9	10.9	8.9	7.0	5.0	3.0
5°	20.0	19.0	17.9	16.4	14.9	12.9	11.0	9.0	7.0	5.0	3.0
3.75°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
2.5°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
1.25°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
0°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
-1.25°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
-2.5°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
-3.75°	20.0	19.0	18.0	16.5	15.0	13.0	11.0	9.0	7.0	5.0	3.0
-5°	20.0	19.0	17.9	16.4	14.9	12.9	11.0	9.0	7.0	5.0	3.0
-6.25°	19.9	18.9	17.9	16.4	14.9	12.9	10.9	8.9	7.0	5.0	3.0
-7.5°	19.9	18.9	17.9	16.4	14.9	12.9	10.9	8.9	6.9	4.9	3.0
-8.75°	19.9	18.9	17.8	16.3	14.8	12.8	10.9	8.9	6.9	4.9	3.0
-10°	19.8	18.8	17.8	16.3	14.8	12.8	10.8	8.8	6.9	4.9	3.0
-11.25°	19.8	18.8	17.7	16.2	14.7	12.7	10.8	8.8	6.8	4.9	2.9
-12.5°	19.7	18.7	17.6	16.2	14.6	12.7	10.7	8.8	6.8	4.9	2.9
-13.75°	19.6	18.7	17.6	16.1	14.5	12.6	10.7	8.7	6.8	4.8	2.9
-15°	19.6	18.6	17.5	16.0	14.4	12.5	10.6	8.7	6.7	4.8	2.9
-16.25°	19.5	18.6	17.4	16.0	14.4	12.4	10.5	8.6	6.7	4.8	2.9
-17.5°	19.4	18.5	17.3	15.9	14.3	12.3	10.4	8.5	6.6	4.7	2.9
-18.75°	19.3	18.4	17.2	15.8	14.1	12.3	10.4	8.5	6.6	4.7	2.8
-20°	19.3	18.3	17.1	15.7	14.0	12.1	10.3	8.4	6.5	4.6	2.8
-21.25°	19.2	18.2	17.0	15.6	13.9	12.0	10.2	8.3	6.5	4.6	2.8





REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	19.1	18.1	16.8	15.5	13.8	11.9	10.1	8.2	6.4	4.5	2.8
-23.75°	19.0	18.1	16.7	15.3	13.6	11.8	10.0	8.2	6.3	4.5	2.7
-25°	18.9	17.9	16.6	15.2	13.5	11.7	9.9	8.1	6.2	4.4	2.7
-26.25°	18.7	17.8	16.4	15.1	13.3	11.5	9.8	8.0	6.2	4.4	2.7
-27.5°	18.6	17.6	16.3	14.9	13.2	11.4	9.6	7.9	6.1	4.3	2.7
-28.75°	18.5	17.4	16.1	14.8	13.0	11.3	9.5	7.8	6.0	4.3	2.6
-30°	18.4	17.3	16.0	14.6	12.8	11.1	9.4	7.7	5.9	4.2	2.6
-31.25°	18.2	17.1	15.8	14.4	12.7	11.0	9.3	7.5	5.8	4.1	2.6
-32.5°	18.1	16.9	15.6	14.2	12.5	10.8	9.1	7.4	5.7	4.1	2.5
-33.75°	17.9	16.7	15.4	13.9	12.3	10.6	9.0	7.3	5.6	4.0	2.5
-35°	17.7	16.5	15.3	13.7	12.1	10.5	8.8	7.2	5.6	3.9	2.5
-36.25°	17.5	16.3	15.1	13.5	11.9	10.3	8.7	7.1	5.4	3.8	2.4
-37.5°	17.2	16.0	14.8	13.2	11.7	10.1	8.5	6.9	5.3	3.8	2.4
-38.75°	17.0	15.8	14.5	13.0	11.5	9.9	8.3	6.8	5.2	3.7	2.3
-40°	16.7	15.6	14.3	12.8	11.2	9.7	8.2	6.7	5.1	3.6	2.3
-41.25°	16.5	15.4	14.0	12.5	11.0	9.5	8.0	6.5	5.0	3.5	2.3
-42.5°	16.2	15.1	13.7	12.2	10.8	9.3	7.8	6.4	4.9	3.4	2.2
-43.75°	15.9	14.8	13.4	12.0	10.5	9.1	7.7	6.2	4.8	3.3	2.2
-45°	15.7	14.5	13.1	11.7	10.3	8.9	7.5	6.1	4.7	3.2	2.1
-46.25°	15.4	14.1	12.8	11.4	10.0	8.7	7.3	5.9	4.5	3.1	2.1
-47.5°	15.1	13.8	12.5	11.1	9.8	8.4	7.1	5.7	4.4	3.1	2.0
-48.75°	14.7	13.4	12.1	10.8	9.5	8.2	6.9	5.6	4.3	3.0	2.0
-50°	14.3	13.1	11.8	10.5	9.3	8.0	6.7	5.4	4.1	2.9	1.9
-51.25°	13.9	12.7	11.5	10.2	9.0	7.7	6.5	5.3	4.0	2.8	1.9
-52.5°	13.5	12.3	11.1	9.9	8.7	7.5	6.3	5.1	3.9	2.7	1.8
-53.75°	13.1	11.9	10.8	9.6	8.4	7.3	6.1	4.9	3.7	2.7	1.8
-55°	12.7	11.5	10.4	9.3	8.1	7.0	5.9	4.7	3.6	2.6	1.7
-56.25°	12.2	11.1	10.1	9.0	7.9	6.8	5.7	4.5	3.4	2.5	1.7
-57.5°	11.8	10.7	9.7	8.6	7.6	6.5	5.4	4.4	3.3	2.4	1.6
-58.75°	11.3	10.3	9.3	8.3	7.3	6.2	5.2	4.2	3.1	2.3	1.6
-60°	10.9	9.9	8.9	8.0	7.0	6.0	5.0	4.0	3.0	2.2	1.5
-61.25°	10.4	9.5	8.6	7.6	6.7	5.7	4.8	3.8	2.9	2.2	1.4
-62.5°	10.0	9.1	8.2	7.3	6.4	5.4	4.5	3.6	2.8	2.1	1.4
-63.75°	9.5	8.7	7.8	6.9	6.0	5.2	4.3	3.4	2.7	2.0	1.3
-65°	9.0	8.2	7.4	6.6	5.7	4.9	4.1	3.2	2.5	1.9	1.3
-66.25°	8.6	7.8	7.0	6.2	5.4	4.6	3.8	3.0	2.4	1.8	1.2
-67.5°	8.1	7.3	6.6	5.9	5.1	4.3	3.6	2.9	2.3	1.7	1.1
-68.75°	7.6	6.9	6.2	5.5	4.8	4.1	3.3	2.7	2.2	1.6	1.1
-70°	7.1	6.5	5.8	5.1	4.4	3.8	3.1	2.6	2.0	1.5	1.0
-71.25°	6.6	6.0	5.4	4.8	4.1	3.5	2.9	2.4	1.9	1.4	1.0
-72.5°	6.1	5.6	5.0	4.4	3.8	3.2	2.7	2.3	1.8	1.4	0.9
-73.75°	5.6	5.1	4.6	4.0	3.5	2.9	2.5	2.1	1.7	1.3	0.8
-75°	5.1	4.6	4.1	3.6	3.1	2.7	2.3	1.9	1.6	1.2	0.8
-76.25°	4.6	4.2	3.7	3.3	2.8	2.5	2.1	1.8	1.4	1.1	0.7
-77.5°	4.1	3.7	3.3	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.6



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	3.6	3.3	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
-80°	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.5
-81.25°	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
-82.5°	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
-83.75°	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
-85°	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
-86.25°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
-87.5°	0.8	0.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1
-88.75°	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	1.2	0.0
32.5°	1.3	0.0
31.25°	1.3	0.0
30°	1.3	0.0
28.75°	1.3	0.0
27.5°	1.3	0.0
26.25°	1.3	0.0
25°	1.4	0.0
23.75°	1.4	0.0
22.5°	1.4	0.0
21.25°	1.4	0.0
20°	1.4	0.0
18.75°	1.4	0.0
17.5°	1.4	0.0
16.25°	1.4	0.0
15°	1.4	0.0
13.75°	1.5	0.0
12.5°	1.5	0.0
11.25°	1.5	0.0
10°	1.5	0.0
8.75°	1.5	0.0
7.5°	1.5	0.0
6.25°	1.5	0.0
5°	1.5	0.0
3.75°	1.5	0.0
2.5°	1.5	0.0
1.25°	1.5	0.0
0°	1.5	0.0
-1.25°	1.5	0.0
-2.5°	1.5	0.0
-3.75°	1.5	0.0
-5°	1.5	0.0
-6.25°	1.5	0.0
-7.5°	1.5	0.0
-8.75°	1.5	0.0
-10°	1.5	0.0
-11.25°	1.5	0.0
-12.5°	1.5	0.0
-13.75°	1.5	0.0
-15°	1.4	0.0
-16.25°	1.4	0.0
-17.5°	1.4	0.0
-18.75°	1.4	0.0
-20°	1.4	0.0
-21.25°	1.4	0.0



REPORT NUMBER: P29470 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-F-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)