

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMIERE

Report Number: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **303-S1-LEDB2-3000-UNV-T4-DIM10**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/9/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 303-S1-LEDB2-3000-UNV-T4-DIM10  
Description: LUMIERE EON LED LUMINAIRE  
CEILING WALL MOUNT, TWO LIGHTBARS, TYPE 4  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

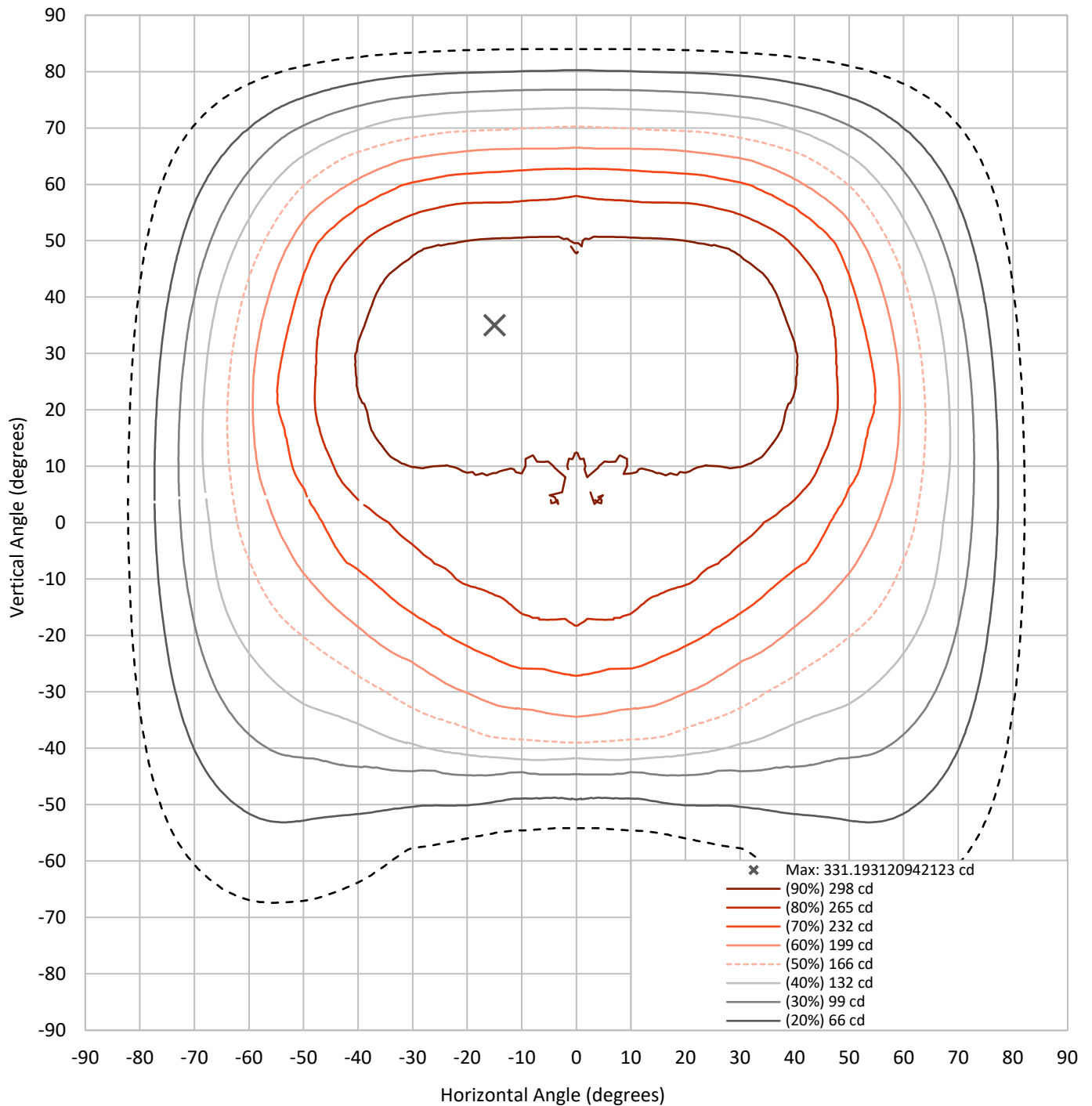
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	973 lumens	Max Intensity:	331.2 candela
Efficiency:	N/A	Max Intensity Angle:	-15°H x 35°V
Efficacy:	62.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.38' x L: 0.42' x H: 0')		
Beam Angle (50%):	124.5°H x 107.7°V	Field Angle (10%):	161.6°H x 138.9°V
Beam Lumens:	784.9 lumens	Field Lumens:	958.3 lumens
Beam Efficiency:	80.7%	Field Efficiency:	98.5%
Input Watts (W):	15.5		
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		



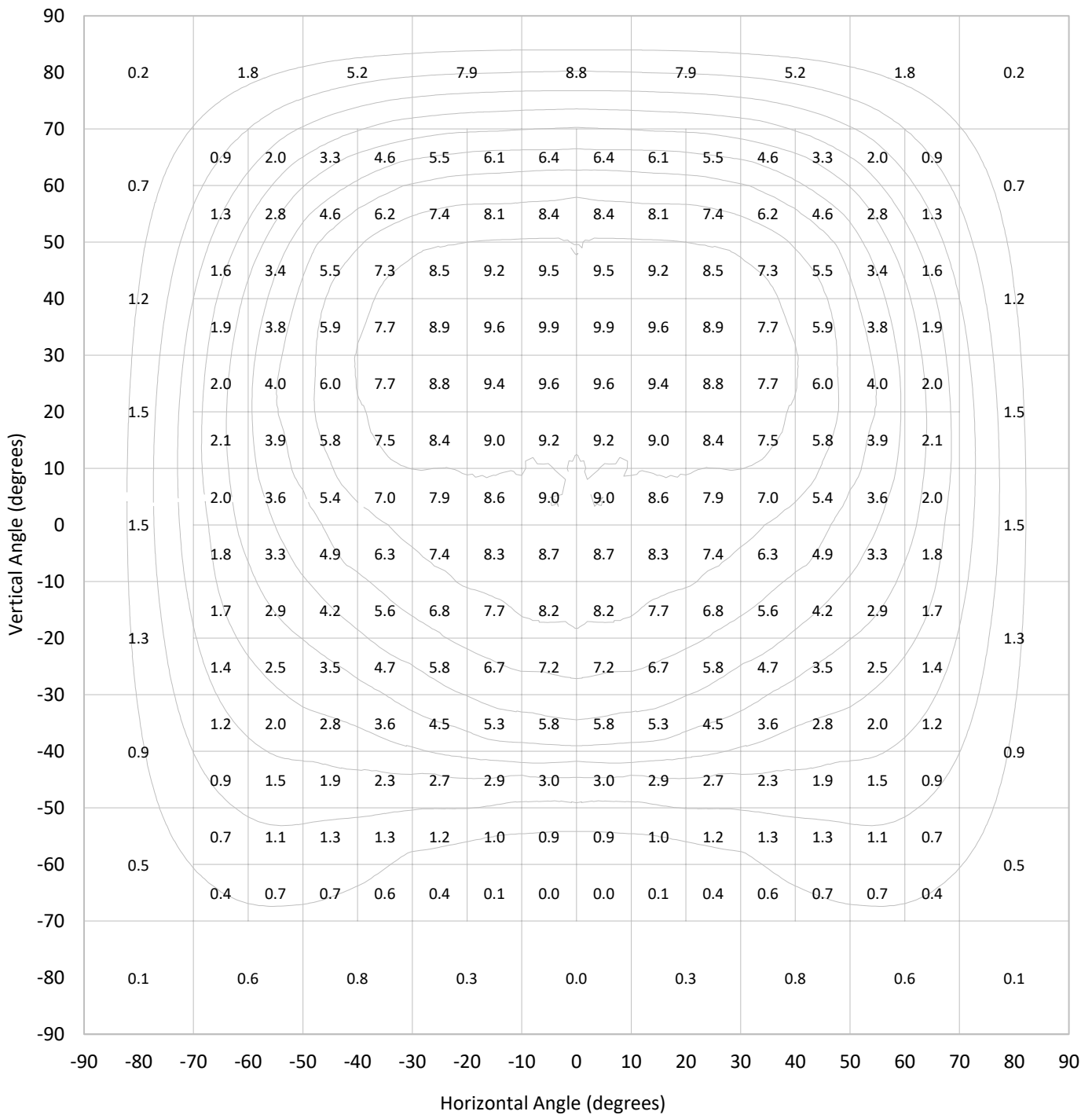
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### Iso-Candela Plot



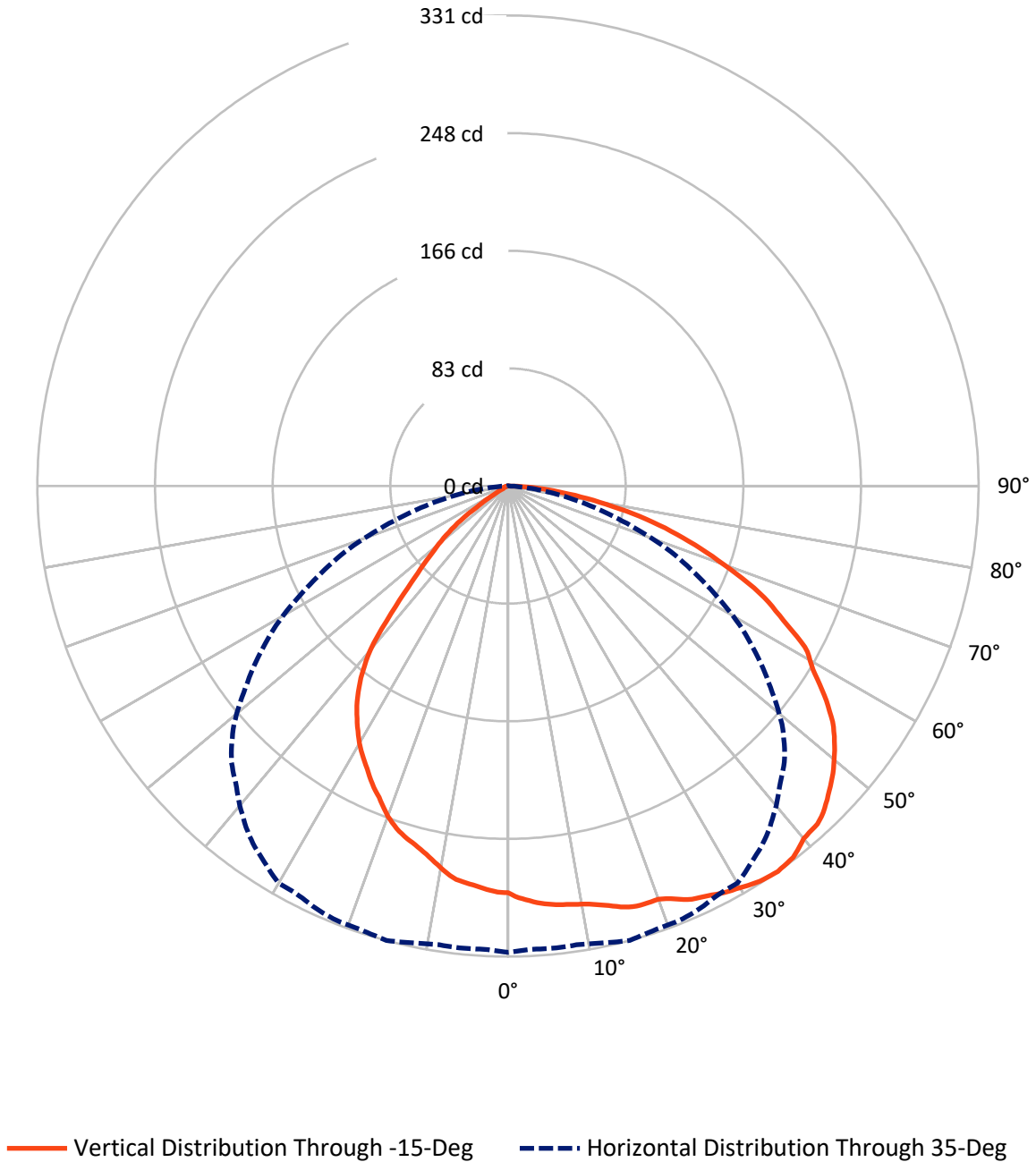
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### Lumen Table



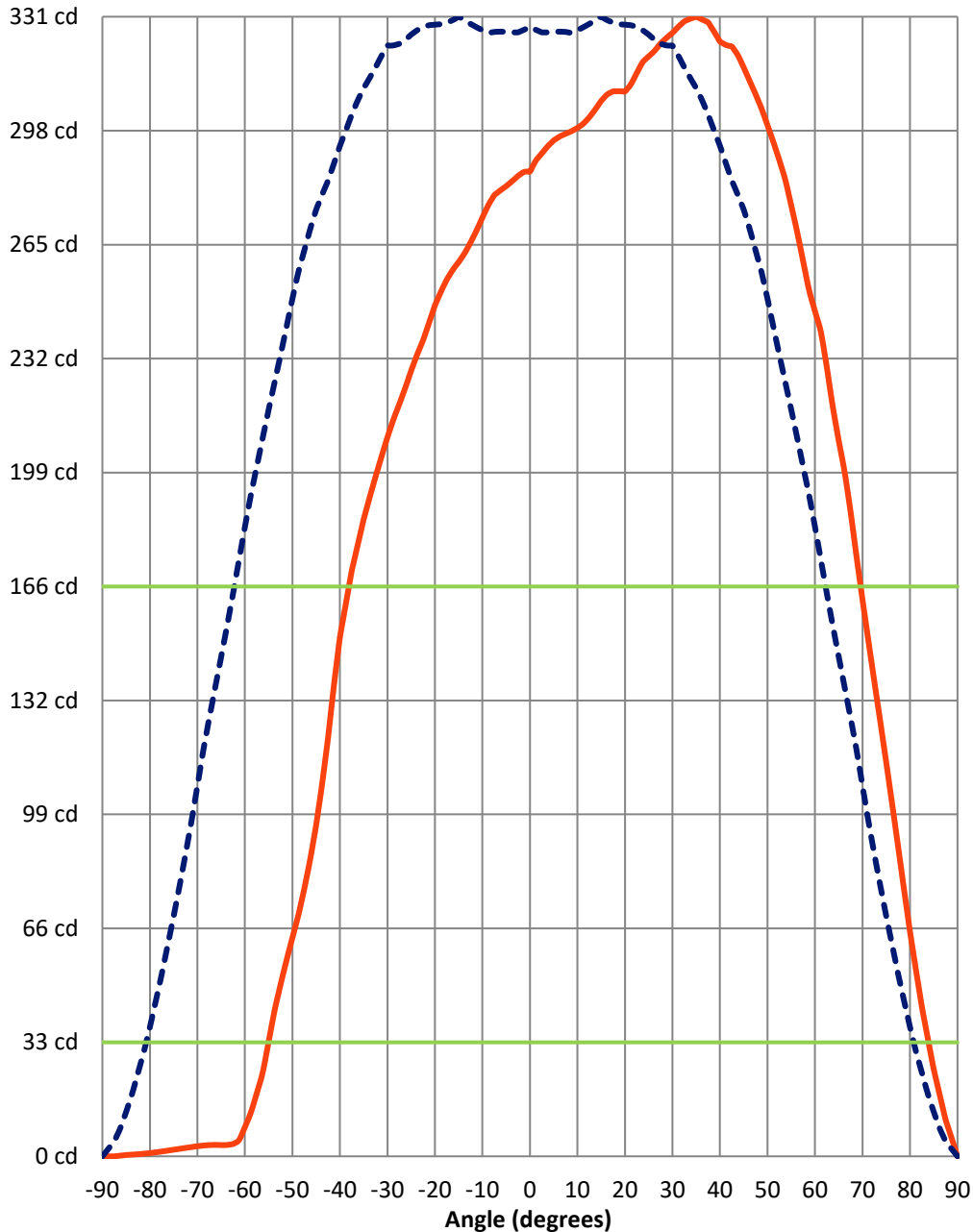
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 124.5°  
 V Angle: 107.7°  
 Lumens: 784.9  
 Efficiency: 80.7%

**Field:**  
 H Angle: 161.6°  
 V Angle: 138.9°  
 Lumens: 958.3  
 Efficiency: 98.5%

**Spill:**  
 Lumens: 14.7  
 Efficiency: 1.5%

— Vertical Distribution through -15-Deg  
 - - Horizontal Distribution through 35-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7
87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.4
86.25°	0.0	0.2	0.4	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2
85°	0.0	0.2	0.5	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.9
83.75°	0.0	0.3	0.6	0.9	1.2	1.6	2.0	2.3	2.7	3.2	3.6
82.5°	0.0	0.3	0.7	1.1	1.5	1.9	2.3	2.8	3.3	3.8	4.3
81.25°	0.0	0.4	0.8	1.3	1.7	2.2	2.7	3.3	3.8	4.4	5.0
80°	0.0	0.5	0.9	1.4	2.0	2.5	3.1	3.7	4.4	5.0	5.7
78.75°	0.0	0.5	1.1	1.6	2.2	2.8	3.5	4.2	4.9	5.7	6.4
77.5°	0.0	0.6	1.2	1.8	2.5	3.2	3.9	4.6	5.4	6.3	7.6
76.25°	0.0	0.6	1.3	2.0	2.7	3.5	4.3	5.1	6.0	7.3	8.9
75°	0.0	0.7	1.4	2.2	2.9	3.8	4.6	5.6	6.7	8.4	10.2
73.75°	0.0	0.7	1.5	2.3	3.2	4.1	5.0	6.0	7.7	9.6	11.5
72.5°	0.0	0.8	1.6	2.5	3.4	4.4	5.4	6.7	8.8	10.8	12.8
71.25°	0.0	0.9	1.7	2.7	3.6	4.7	5.7	7.6	9.8	11.9	14.1
70°	0.0	0.9	1.9	2.8	3.9	5.0	6.3	8.5	10.8	13.1	15.4
68.75°	0.0	1.0	2.0	3.0	4.1	5.3	7.0	9.4	11.8	14.2	16.6
67.5°	0.0	1.0	2.1	3.2	4.3	5.5	7.7	10.3	12.8	15.3	17.9
66.25°	0.0	1.1	2.2	3.3	4.6	5.9	8.5	11.1	13.8	16.4	19.1
65°	0.0	1.1	2.3	3.5	4.8	6.5	9.2	12.0	14.7	17.5	20.8
63.75°	0.0	1.2	2.4	3.7	5.0	7.1	9.9	12.8	15.7	18.6	22.5
62.5°	0.0	1.2	2.5	3.8	5.2	7.7	10.6	13.6	16.7	20.0	24.1
61.25°	0.0	1.3	2.6	4.0	5.4	8.2	11.3	14.5	17.6	21.4	25.7
60°	0.0	1.3	2.7	4.1	5.6	8.8	12.0	15.3	18.5	22.8	27.3
58.75°	0.0	1.4	2.8	4.3	6.1	9.4	12.7	16.1	19.7	24.2	28.9
57.5°	0.0	1.4	2.9	4.4	6.5	9.9	13.4	16.9	20.9	25.5	30.4
56.25°	0.0	1.5	3.0	4.6	6.9	10.5	14.1	17.6	22.0	26.8	31.9
55°	0.0	1.5	3.1	4.7	7.4	11.0	14.7	18.4	23.1	28.1	33.3
53.75°	0.0	1.6	3.2	4.9	7.8	11.6	15.3	19.3	24.2	29.3	34.7
52.5°	0.0	1.6	3.3	5.0	8.2	12.1	16.0	20.3	25.3	30.5	36.1
51.25°	0.0	1.7	3.4	5.2	8.6	12.6	16.6	21.1	26.3	31.7	37.5
50°	0.0	1.7	3.5	5.3	9.0	13.1	17.2	22.0	27.3	32.8	39.0
48.75°	0.0	1.7	3.6	5.4	9.4	13.6	17.8	22.9	28.3	33.9	40.3
47.5°	0.0	1.8	3.6	5.6	9.7	14.0	18.4	23.7	29.2	35.1	41.7
46.25°	0.0	1.8	3.7	5.9	10.1	14.5	19.1	24.5	30.1	36.2	43.0
45°	0.0	1.9	3.8	6.2	10.5	14.9	19.8	25.2	31.0	37.4	44.2
43.75°	0.0	1.9	3.9	6.4	10.8	15.4	20.4	26.0	31.8	38.5	45.4
42.5°	0.0	1.9	4.0	6.7	11.1	15.8	21.0	26.7	32.7	39.5	46.6
41.25°	0.0	2.0	4.0	6.9	11.5	16.2	21.6	27.4	33.5	40.6	47.8
40°	0.0	2.0	4.1	7.2	11.8	16.6	22.2	28.1	34.3	41.6	48.9
38.75°	0.0	2.1	4.2	7.4	12.1	16.9	22.7	28.7	35.2	42.5	49.9
37.5°	0.0	2.1	4.2	7.6	12.4	17.3	23.3	29.3	36.0	43.4	51.0
36.25°	0.0	2.1	4.3	7.8	12.7	17.7	23.8	29.9	36.8	44.3	52.0
35°	0.0	2.2	4.4	8.0	12.9	18.1	24.3	30.5	37.6	45.2	53.0



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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°
33.75°	0.0	2.2	4.4	8.2	13.2	18.5	24.8	31.0	38.3	46.0	54.0
32.5°	0.0	2.2	4.5	8.4	13.4	18.9	25.3	31.6	39.0	46.8	54.9
31.25°	0.0	2.3	4.6	8.6	13.7	19.3	25.7	32.1	39.7	47.5	55.9
30°	0.0	2.3	4.6	8.8	13.9	19.6	26.1	32.7	40.3	48.2	56.7
28.75°	0.0	2.3	4.7	9.0	14.1	20.0	26.6	33.3	40.9	48.8	57.5
27.5°	0.0	2.3	4.7	9.1	14.3	20.3	26.9	33.8	41.6	49.5	58.3
26.25°	0.0	2.4	4.8	9.3	14.5	20.6	27.3	34.3	42.2	50.1	59.0
25°	0.0	2.4	4.8	9.4	14.7	20.9	27.7	34.8	42.7	50.8	59.7
23.75°	0.0	2.4	4.9	9.5	14.9	21.2	28.0	35.3	43.3	51.5	60.4
22.5°	0.0	2.4	4.9	9.7	15.0	21.5	28.3	35.8	43.8	52.1	61.0
21.25°	0.0	2.4	4.9	9.8	15.2	21.7	28.6	36.2	44.3	52.6	61.6
20°	0.0	2.5	5.0	9.9	15.3	21.9	28.9	36.6	44.7	53.2	62.1
18.75°	0.0	2.5	5.0	10.0	15.4	22.2	29.2	36.9	45.1	53.7	62.6
17.5°	0.0	2.5	5.0	10.1	15.6	22.4	29.4	37.3	45.5	54.1	63.1
16.25°	0.0	2.5	5.1	10.2	15.7	22.5	29.7	37.6	45.8	54.5	63.5
15°	0.0	2.5	5.1	10.3	15.8	22.7	29.9	37.9	46.1	54.8	63.8
13.75°	0.0	2.5	5.1	10.3	15.8	22.9	30.0	38.1	46.4	55.1	64.1
12.5°	0.0	2.6	5.1	10.4	15.9	23.0	30.2	38.3	46.7	55.4	64.3
11.25°	0.0	2.6	5.1	10.5	16.0	23.1	30.4	38.5	46.9	55.6	64.5
10°	0.0	2.6	5.2	10.5	16.0	23.2	30.5	38.7	47.0	55.8	64.7
8.75°	0.0	2.6	5.2	10.6	16.0	23.3	30.6	38.8	47.2	55.9	64.8
7.5°	0.0	2.6	5.2	10.6	16.1	23.3	30.7	38.9	47.3	56.0	64.8
6.25°	0.0	2.6	5.2	10.6	16.1	23.4	30.7	39.0	47.4	56.1	64.8
5°	0.0	2.6	5.2	10.6	16.1	23.4	30.8	39.1	47.4	56.1	64.8
3.75°	0.0	2.6	5.2	10.6	16.1	23.4	30.8	39.1	47.4	56.1	64.7
2.5°	0.0	2.6	5.2	10.6	16.1	23.4	30.8	39.1	47.4	56.0	64.6
1.25°	0.0	2.6	5.2	10.6	16.0	23.4	30.7	39.1	47.4	55.9	64.4
0°	0.0	2.6	5.2	10.6	16.0	23.4	30.7	39.0	47.3	55.8	64.2
-1.25°	0.0	2.6	5.2	10.6	16.0	23.3	30.6	38.9	47.2	55.5	63.8
-2.5°	0.0	2.6	5.2	10.6	16.0	23.2	30.5	38.7	47.0	55.2	63.4
-3.75°	0.0	2.6	5.2	10.6	15.9	23.1	30.3	38.5	46.8	54.9	63.0
-5°	0.0	2.6	5.2	10.5	15.9	23.0	30.2	38.3	46.5	54.6	62.5
-6.25°	0.0	2.6	5.2	10.5	15.8	22.9	30.0	38.1	46.2	54.2	62.0
-7.5°	0.0	2.6	5.2	10.4	15.8	22.8	29.8	37.8	45.9	53.8	61.5
-8.75°	0.0	2.6	5.1	10.4	15.7	22.6	29.5	37.5	45.6	53.3	60.9
-10°	0.0	2.6	5.1	10.3	15.6	22.4	29.3	37.2	45.2	52.9	60.3
-11.25°	0.0	2.6	5.1	10.3	15.5	22.3	29.0	36.9	44.8	52.4	59.7
-12.5°	0.0	2.5	5.1	10.2	15.4	22.1	28.8	36.5	44.4	51.8	59.0
-13.75°	0.0	2.5	5.1	10.1	15.3	21.8	28.5	36.1	43.9	51.3	58.3
-15°	0.0	2.5	5.0	10.0	15.1	21.6	28.2	35.7	43.5	50.7	57.6
-16.25°	0.0	2.5	5.0	9.9	15.0	21.4	27.8	35.2	42.9	50.1	56.9
-17.5°	0.0	2.5	5.0	9.8	14.9	21.1	27.5	34.7	42.4	49.5	56.1
-18.75°	0.0	2.5	4.9	9.7	14.7	20.8	27.1	34.2	41.8	48.9	55.4
-20°	0.0	2.4	4.9	9.6	14.5	20.6	26.8	33.7	41.2	48.2	54.6
-21.25°	0.0	2.4	4.9	9.5	14.4	20.3	26.4	33.2	40.6	47.6	53.7





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	2.4	4.8	9.3	14.2	19.9	26.0	32.6	39.9	46.9	52.9
-23.75°	0.0	2.4	4.8	9.2	14.0	19.6	25.6	32.0	39.2	46.2	52.1
-25°	0.0	2.4	4.7	9.0	13.8	19.3	25.1	31.3	38.5	45.4	51.3
-26.25°	0.0	2.3	4.7	8.9	13.6	18.9	24.7	30.7	37.8	44.7	50.4
-27.5°	0.0	2.3	4.6	8.7	13.4	18.6	24.2	30.0	37.0	43.9	49.5
-28.75°	0.0	2.3	4.6	8.6	13.2	18.2	23.8	29.3	36.2	42.9	48.6
-30°	0.0	2.3	4.5	8.4	12.9	17.9	23.3	28.6	35.4	42.0	47.7
-31.25°	0.0	2.2	4.5	8.2	12.7	17.5	22.8	27.9	34.5	41.0	46.7
-32.5°	0.0	2.2	4.4	8.0	12.4	17.1	22.3	27.3	33.7	40.0	45.7
-33.75°	0.0	2.2	4.3	7.8	12.2	16.7	21.8	26.7	32.8	39.0	44.7
-35°	0.0	2.1	4.3	7.7	11.9	16.2	21.3	26.1	31.9	38.0	43.7
-36.25°	0.0	2.1	4.2	7.4	11.7	15.8	20.8	25.5	31.0	37.0	42.6
-37.5°	0.0	2.1	4.1	7.2	11.4	15.4	20.3	24.9	30.1	35.9	41.5
-38.75°	0.0	2.0	4.1	7.0	11.1	15.1	19.7	24.3	29.1	34.8	40.3
-40°	0.0	2.0	4.0	6.8	10.8	14.7	19.2	23.6	28.2	33.8	39.1
-41.25°	0.0	2.0	3.9	6.6	10.5	14.3	18.6	23.0	27.2	32.7	37.8
-42.5°	0.0	1.9	3.9	6.4	10.2	13.9	18.0	22.3	26.4	31.6	36.6
-43.75°	0.0	1.9	3.8	6.1	9.9	13.6	17.5	21.6	25.7	30.4	35.4
-45°	0.0	1.8	3.7	5.9	9.6	13.2	16.9	20.9	24.9	29.3	34.1
-46.25°	0.0	1.8	3.6	5.6	9.2	12.7	16.3	20.2	24.1	28.2	32.8
-47.5°	0.0	1.8	3.5	5.4	8.9	12.3	15.7	19.5	23.3	27.0	31.6
-48.75°	0.0	1.7	3.5	5.2	8.6	11.9	15.1	18.8	22.4	26.0	30.3
-50°	0.0	1.7	3.4	5.1	8.2	11.5	14.6	18.0	21.6	25.0	29.0
-51.25°	0.0	1.6	3.3	4.9	7.9	11.0	14.0	17.3	20.7	24.1	27.7
-52.5°	0.0	1.6	3.2	4.8	7.5	10.6	13.5	16.5	19.9	23.1	26.4
-53.75°	0.0	1.5	3.1	4.7	7.2	10.2	12.9	15.8	19.0	22.2	25.2
-55°	0.0	1.5	3.0	4.5	6.8	9.7	12.4	15.0	18.1	21.2	24.1
-56.25°	0.0	1.5	2.9	4.4	6.4	9.2	11.8	14.4	17.2	20.2	23.0
-57.5°	0.0	1.4	2.8	4.2	6.0	8.7	11.3	13.7	16.3	19.2	21.9
-58.75°	0.0	1.4	2.7	4.1	5.7	8.3	10.7	13.0	15.4	18.2	20.8
-60°	0.0	1.3	2.6	3.9	5.3	7.8	10.1	12.4	14.5	17.1	19.7
-61.25°	0.0	1.3	2.5	3.8	5.1	7.3	9.6	11.7	13.8	16.1	18.6
-62.5°	0.0	1.2	2.4	3.6	4.9	6.8	9.0	11.1	13.0	15.1	17.4
-63.75°	0.0	1.2	2.3	3.5	4.7	6.3	8.4	10.4	12.3	14.1	16.3
-65°	0.0	1.1	2.2	3.3	4.5	5.8	7.8	9.7	11.5	13.2	15.1
-66.25°	0.0	1.1	2.1	3.2	4.3	5.3	7.2	9.0	10.7	12.4	14.0
-67.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.6	8.3	10.0	11.5	13.0
-68.75°	0.0	0.9	1.9	2.9	3.8	4.7	6.0	7.6	9.2	10.7	12.1
-70°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.9	8.4	9.8	11.1
-71.25°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	6.2	7.6	9.0	10.2
-72.5°	0.0	0.8	1.6	2.4	3.2	3.9	4.6	5.5	6.8	8.1	9.3
-73.75°	0.0	0.7	1.5	2.2	3.0	3.7	4.3	4.9	6.1	7.2	8.3
-75°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.6	5.3	6.3	7.4
-76.25°	0.0	0.6	1.2	1.9	2.5	3.1	3.7	4.2	4.7	5.5	6.4
-77.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.8	4.3	4.7	5.5



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.5	1.0	1.5	2.1	2.5	3.0	3.4	3.9	4.3	4.6
-80°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.1	3.4	3.8	4.1
-81.25°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.7	3.0	3.3	3.6
-82.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.6	2.8	3.1
-83.75°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	1.9	2.1	2.4	2.6
-85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-86.25°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.3	1.4	1.5
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	0.9	1.0
-88.75°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**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°	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
87.5°	1.6	1.8	2.0	2.2	2.4	2.5	2.7	2.9	3.1	3.3	3.6
86.25°	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.4	4.7	5.0	5.3
85°	3.2	3.6	4.0	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1
83.75°	4.0	4.5	5.0	5.4	5.9	6.4	6.8	7.3	7.9	8.7	9.6
82.5°	4.9	5.4	5.9	6.5	7.0	7.8	8.8	9.8	10.8	11.9	13.0
81.25°	5.7	6.3	6.9	7.9	9.0	10.1	11.3	12.5	13.8	15.1	16.4
80°	6.4	7.4	8.6	9.8	11.1	12.5	13.9	15.3	16.8	18.3	19.7
78.75°	7.6	9.0	10.3	11.8	13.3	14.8	16.4	18.0	19.7	21.4	23.1
77.5°	9.1	10.6	12.1	13.7	15.4	17.1	18.9	20.7	22.6	25.0	27.3
76.25°	10.5	12.2	13.9	15.6	17.5	19.4	21.4	23.8	26.5	29.1	31.7
75°	12.0	13.7	15.6	17.5	19.6	21.8	24.7	27.5	30.3	33.1	36.0
73.75°	13.4	15.3	17.3	19.4	22.0	25.0	28.0	31.1	34.1	37.2	40.2
72.5°	14.8	16.9	19.0	21.8	25.0	28.2	31.4	34.7	37.9	41.2	44.5
71.25°	16.2	18.4	21.1	24.5	27.9	31.3	34.8	38.2	41.7	45.3	49.1
70°	17.7	20.1	23.6	27.2	30.8	34.4	38.1	41.7	45.6	49.5	53.5
68.75°	19.0	22.4	26.0	29.8	33.7	37.5	41.4	45.4	49.5	53.7	58.0
67.5°	20.9	24.6	28.5	32.5	36.5	40.5	44.7	49.0	53.4	57.8	62.3
66.25°	22.8	26.8	30.9	35.1	39.3	43.6	48.1	52.6	57.2	61.9	66.8
65°	24.8	28.9	33.3	37.7	42.1	46.7	51.4	56.1	61.0	66.0	71.4
63.75°	26.6	31.0	35.6	40.3	44.9	49.7	54.6	59.6	64.8	70.2	75.9
62.5°	28.5	33.1	37.9	42.8	47.7	52.7	57.8	63.1	68.6	74.4	80.3
61.25°	30.3	35.1	40.2	45.3	50.4	55.6	60.9	66.6	72.4	78.4	84.6
60°	32.1	37.1	42.4	47.7	53.0	58.4	64.1	70.0	76.1	82.3	88.9
58.75°	33.8	39.1	44.6	50.1	55.6	61.3	67.2	73.4	79.7	86.3	93.2
57.5°	35.5	41.0	46.7	52.5	58.2	64.1	70.3	76.7	83.2	90.3	97.5
56.25°	37.2	43.0	48.8	54.7	60.7	66.9	73.3	79.9	87.0	94.3	101.7
55°	38.9	44.8	50.8	56.9	63.2	69.6	76.2	83.1	90.6	98.2	105.8
53.75°	40.6	46.7	52.8	59.2	65.6	72.2	79.0	86.5	94.2	102.0	109.8
52.5°	42.2	48.5	54.8	61.4	68.0	74.8	82.0	89.8	97.7	105.7	113.7
51.25°	43.8	50.2	56.7	63.5	70.3	77.2	85.0	93.0	101.1	109.4	117.6
50°	45.4	51.9	58.7	65.6	72.5	79.8	88.0	96.2	104.5	113.0	121.4
48.75°	46.9	53.6	60.6	67.6	74.7	82.5	90.9	99.2	107.9	116.6	125.2
47.5°	48.4	55.2	62.4	69.6	76.9	85.2	93.7	102.2	111.2	120.1	128.8
46.25°	49.8	56.9	64.2	71.6	79.3	87.7	96.4	105.3	114.4	123.5	132.1
45°	51.2	58.5	66.0	73.5	81.7	90.2	99.0	108.3	117.6	126.9	135.1
43.75°	52.5	60.1	67.7	75.4	83.9	92.6	101.7	111.3	120.8	129.7	138.0
42.5°	53.9	61.6	69.4	77.4	86.1	94.9	104.4	114.2	123.8	132.3	140.7
41.25°	55.3	63.1	71.0	79.3	88.1	97.1	107.0	117.0	126.5	134.8	143.3
40°	56.6	64.5	72.5	81.2	90.1	99.4	109.4	119.7	128.8	137.1	145.8
38.75°	57.8	65.9	74.1	82.9	92.0	101.6	111.8	122.1	130.9	139.4	148.1
37.5°	59.1	67.3	75.7	84.6	93.8	103.7	114.0	124.2	132.9	141.4	150.3
36.25°	60.2	68.5	77.2	86.3	95.6	105.7	116.1	125.8	134.6	143.4	152.3
35°	61.4	69.8	78.6	87.8	97.4	107.6	118.1	127.4	136.3	145.2	154.2



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	62.5	71.0	80.0	89.3	99.1	109.4	119.9	128.9	137.8	146.8	155.8
32.5°	63.5	72.1	81.3	90.6	100.7	111.1	121.3	130.3	139.3	148.3	157.4
31.25°	64.5	73.3	82.5	91.9	102.2	112.7	122.5	131.6	140.7	149.7	158.9
30°	65.5	74.4	83.7	93.2	103.6	114.2	123.7	132.8	141.9	151.0	160.2
28.75°	66.4	75.4	84.7	94.4	104.9	115.5	124.8	133.9	143.1	152.2	161.7
27.5°	67.2	76.3	85.7	95.6	106.1	116.5	125.7	135.0	144.1	153.3	162.9
26.25°	68.0	77.2	86.6	96.7	107.2	117.4	126.7	135.9	145.1	154.3	164.0
25°	68.8	78.0	87.5	97.7	108.2	118.2	127.5	136.8	145.9	155.2	165.0
23.75°	69.5	78.8	88.3	98.6	109.1	118.9	128.2	137.5	146.7	156.0	165.8
22.5°	70.1	79.5	89.0	99.4	110.0	119.5	128.9	138.1	147.3	156.7	166.5
21.25°	70.7	80.1	89.7	100.1	110.7	120.1	129.5	138.6	147.8	157.3	167.0
20°	71.3	80.6	90.3	100.7	111.2	120.6	130.0	139.1	148.3	157.7	167.3
18.75°	71.8	81.1	90.9	101.3	111.6	121.0	130.3	139.4	148.6	158.0	167.5
17.5°	72.3	81.6	91.4	101.7	111.9	121.3	130.6	139.7	148.9	158.1	167.6
16.25°	72.7	82.0	91.8	102.1	112.2	121.5	130.8	139.9	149.0	158.2	167.4
15°	73.0	82.3	92.2	102.4	112.3	121.7	130.9	140.0	149.0	158.1	167.1
13.75°	73.3	82.6	92.4	102.6	112.4	121.8	130.9	139.9	148.9	157.9	166.6
12.5°	73.5	82.9	92.6	102.7	112.4	121.8	130.8	139.8	148.7	157.5	166.1
11.25°	73.7	83.0	92.7	102.7	112.4	121.8	130.6	139.4	148.3	157.1	165.5
10°	73.8	83.1	92.8	102.7	112.3	121.7	130.2	138.8	147.6	156.4	164.7
8.75°	73.9	83.2	92.8	102.6	112.1	121.5	129.8	138.0	146.8	155.6	163.9
7.5°	74.0	83.1	92.7	102.3	111.8	121.3	129.2	137.1	145.9	154.7	163.0
6.25°	73.9	83.1	92.5	102.0	111.5	121.0	128.6	136.1	144.9	153.8	162.0
5°	73.9	82.9	92.3	101.7	111.1	120.6	127.8	135.1	143.9	152.7	160.9
3.75°	73.7	82.8	92.0	101.2	110.7	120.1	127.0	133.9	142.7	151.6	159.8
2.5°	73.5	82.5	91.6	100.7	110.2	119.6	126.1	132.7	141.5	150.4	158.5
1.25°	73.3	82.2	91.2	100.1	109.6	119.0	125.2	131.4	140.2	149.1	157.2
0°	73.1	81.9	90.7	99.5	108.9	118.3	124.2	130.0	138.9	147.7	155.8
-1.25°	72.6	81.4	90.2	98.9	108.1	117.3	123.3	129.3	138.0	146.7	154.5
-2.5°	72.2	80.9	89.6	98.3	107.3	116.2	122.4	128.6	137.1	145.6	153.2
-3.75°	71.6	80.3	88.9	97.6	106.4	115.1	121.4	127.8	136.1	144.4	151.8
-5°	71.1	79.6	88.2	96.8	105.4	113.9	120.4	126.9	135.0	143.2	150.3
-6.25°	70.5	79.0	87.5	96.0	104.4	112.7	119.3	125.9	133.8	141.8	148.7
-7.5°	69.8	78.2	86.7	95.1	103.3	111.4	118.2	124.9	132.6	140.4	147.1
-8.75°	69.1	77.4	85.8	94.2	102.2	110.0	116.9	123.8	131.3	139.0	145.5
-10°	68.4	76.6	84.9	93.2	101.1	108.6	115.6	122.6	130.0	137.4	143.8
-11.25°	67.6	75.7	83.9	92.1	99.9	107.2	114.2	121.3	128.6	135.7	141.9
-12.5°	66.8	74.8	82.9	91.0	98.6	105.8	112.7	119.8	126.8	133.7	139.8
-13.75°	66.0	73.9	81.8	89.9	97.4	104.3	111.2	118.1	124.9	131.6	137.7
-15°	65.1	72.9	80.7	88.7	96.1	102.8	109.6	116.4	123.0	129.5	135.5
-16.25°	64.1	71.8	79.6	87.4	94.7	101.4	108.0	114.6	121.1	127.3	133.3
-17.5°	63.2	70.7	78.3	86.1	93.4	99.9	106.4	112.8	119.1	125.1	131.0
-18.75°	62.2	69.6	77.1	84.7	91.9	98.4	104.7	110.9	117.0	122.9	128.6
-20°	61.1	68.5	75.9	83.3	90.5	96.8	103.0	109.1	115.0	120.7	126.1
-21.25°	60.1	67.4	74.6	81.9	88.9	95.1	101.2	107.1	112.9	118.4	123.7



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	59.0	66.2	73.3	80.4	87.3	93.5	99.4	105.2	110.8	116.1	121.2
-23.75°	58.0	65.1	72.0	78.9	85.7	91.8	97.6	103.2	108.6	113.8	118.7
-25°	57.0	63.9	70.7	77.4	84.0	90.0	95.7	101.2	106.5	111.5	116.2
-26.25°	56.0	62.6	69.3	75.8	82.3	88.3	93.8	99.2	104.3	109.1	113.7
-27.5°	55.0	61.3	67.9	74.3	80.5	86.5	91.9	97.2	102.1	106.8	111.1
-28.75°	54.0	60.0	66.4	72.7	78.8	84.6	89.9	95.0	99.9	104.4	108.6
-30°	53.0	58.7	65.0	71.1	77.0	82.6	87.9	92.9	97.6	102.0	106.1
-31.25°	51.9	57.4	63.5	69.4	75.2	80.7	85.8	90.7	95.4	99.6	103.5
-32.5°	50.8	56.0	62.0	67.8	73.4	78.7	83.7	88.5	93.1	97.2	101.0
-33.75°	49.7	54.7	60.4	66.1	71.5	76.7	81.6	86.3	90.7	94.8	98.5
-35°	48.6	53.4	58.9	64.4	69.7	74.7	79.5	84.0	88.3	92.4	95.9
-36.25°	47.4	52.1	57.3	62.7	67.8	72.7	77.3	81.7	85.9	90.0	93.4
-37.5°	46.2	50.9	55.7	60.9	66.0	70.7	75.2	79.4	83.5	87.4	90.9
-38.75°	45.0	49.5	54.1	59.2	64.1	68.7	73.0	77.1	81.0	84.8	88.3
-40°	43.8	48.2	52.5	57.4	62.1	66.7	70.9	74.8	78.5	82.2	85.7
-41.25°	42.6	46.9	51.0	55.6	60.2	64.7	68.7	72.5	76.1	79.6	83.0
-42.5°	41.3	45.5	49.6	53.8	58.3	62.6	66.6	70.2	73.6	77.0	80.2
-43.75°	40.0	44.1	48.0	51.9	56.3	60.5	64.4	67.9	71.2	74.4	77.4
-45°	38.6	42.7	46.5	50.3	54.3	58.4	62.2	65.6	68.8	71.8	74.7
-46.25°	37.2	41.2	45.0	48.6	52.4	56.3	60.0	63.3	66.4	69.2	71.9
-47.5°	35.8	39.8	43.4	46.9	50.4	54.2	57.8	61.0	64.0	66.7	69.2
-48.75°	34.4	38.3	41.8	45.2	48.5	52.1	55.6	58.7	61.6	64.2	66.6
-50°	33.0	36.8	40.2	43.5	46.7	50.0	53.4	56.4	59.2	61.7	64.0
-51.25°	31.6	35.2	38.6	41.8	44.8	48.0	51.2	54.1	56.8	59.2	61.4
-52.5°	30.2	33.7	37.0	40.0	43.0	46.0	49.0	51.9	54.5	56.7	58.8
-53.75°	28.7	32.2	35.3	38.2	41.1	44.0	46.9	49.6	52.1	54.3	56.2
-55°	27.3	30.6	33.7	36.5	39.3	42.1	44.8	47.4	49.8	52.0	53.8
-56.25°	25.9	29.1	32.0	34.7	37.4	40.1	42.7	45.2	47.6	49.6	51.4
-57.5°	24.6	27.6	30.4	33.0	35.5	38.0	40.5	43.0	45.3	47.3	49.0
-58.75°	23.4	26.0	28.8	31.3	33.7	36.0	38.4	40.7	43.0	45.0	46.7
-60°	22.1	24.5	27.2	29.6	31.9	34.0	36.2	38.4	40.6	42.6	44.4
-61.25°	20.9	23.2	25.5	27.9	30.1	32.1	34.1	36.2	38.2	40.1	42.0
-62.5°	19.7	21.8	24.0	26.2	28.3	30.3	32.1	33.9	35.8	37.6	39.4
-63.75°	18.4	20.5	22.5	24.5	26.5	28.4	30.1	31.7	33.4	35.1	36.8
-65°	17.2	19.1	21.1	22.8	24.7	26.5	28.1	29.7	31.1	32.6	34.2
-66.25°	15.9	17.8	19.6	21.3	22.9	24.6	26.2	27.6	29.0	30.2	31.5
-67.5°	14.6	16.4	18.1	19.8	21.3	22.7	24.2	25.6	26.9	28.1	29.1
-68.75°	13.4	15.0	16.7	18.2	19.7	21.0	22.2	23.6	24.8	25.9	26.9
-70°	12.4	13.7	15.2	16.7	18.0	19.3	20.5	21.6	22.7	23.8	24.7
-71.25°	11.4	12.5	13.7	15.1	16.4	17.6	18.7	19.8	20.7	21.6	22.5
-72.5°	10.4	11.4	12.4	13.6	14.8	15.9	17.0	18.0	18.8	19.6	20.4
-73.75°	9.3	10.3	11.3	12.2	13.2	14.3	15.3	16.2	17.0	17.7	18.4
-75°	8.3	9.2	10.1	11.0	11.8	12.6	13.5	14.4	15.2	15.9	16.5
-76.25°	7.3	8.1	9.0	9.7	10.5	11.2	11.8	12.6	13.4	14.0	14.6
-77.5°	6.3	7.1	7.8	8.5	9.2	9.8	10.4	11.0	11.5	12.2	12.7



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	5.3	6.0	6.6	7.3	7.9	8.5	9.0	9.6	10.0	10.5	10.8
-80°	4.4	4.9	5.5	6.1	6.6	7.1	7.6	8.1	8.5	8.9	9.2
-81.25°	3.9	4.2	4.4	4.8	5.3	5.8	6.2	6.6	7.0	7.4	7.7
-82.5°	3.3	3.6	3.8	4.0	4.2	4.4	4.8	5.2	5.5	5.9	6.1
-83.75°	2.8	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.3	4.5
-85°	2.2	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3
-86.25°	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.3	2.4	2.5	2.5
-87.5°	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.6	1.7
-88.75°	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.9	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9	3.1
87.5°	3.8	4.0	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.9	6.1
86.25°	5.7	6.0	6.3	6.7	7.0	7.4	7.7	8.1	8.5	8.8	9.2
85°	7.5	8.0	8.4	9.2	9.9	10.7	11.4	12.2	12.9	13.7	14.4
83.75°	10.5	11.5	12.4	13.3	14.3	15.2	16.1	17.1	18.0	19.0	19.9
82.5°	14.1	15.2	16.3	17.5	18.6	19.7	20.9	22.0	23.1	24.2	25.4
81.25°	17.7	19.0	20.3	21.6	22.9	24.2	25.6	27.2	28.8	30.3	31.8
80°	21.2	22.7	24.2	26.0	27.9	29.8	31.8	33.6	35.2	36.9	38.5
78.75°	25.1	27.2	29.3	31.4	33.6	35.7	37.9	39.9	41.7	43.5	45.1
77.5°	29.7	32.0	34.4	36.8	39.2	41.6	44.0	46.2	48.3	50.5	52.7
76.25°	34.2	36.8	39.4	42.1	44.7	47.5	50.4	53.2	55.8	58.3	60.8
75°	38.8	41.6	44.4	47.5	50.7	53.9	57.2	60.4	63.2	66.0	68.9
73.75°	43.3	46.5	49.9	53.3	56.8	60.3	63.9	67.5	70.6	73.8	77.1
72.5°	48.1	51.7	55.3	59.0	62.8	66.6	70.5	74.7	78.4	82.1	85.6
71.25°	52.9	56.8	60.7	64.7	68.8	73.2	77.8	82.4	86.4	90.3	94.1
70°	57.6	61.8	66.0	70.5	75.2	80.0	85.0	90.0	94.4	98.5	102.3
68.75°	62.3	66.8	71.6	76.6	81.6	86.8	92.1	97.4	102.1	106.0	109.8
67.5°	67.1	72.1	77.3	82.6	87.9	93.4	98.9	104.2	109.2	113.3	117.3
66.25°	72.0	77.4	82.8	88.4	94.2	99.7	105.3	110.8	116.2	120.5	124.8
65°	76.9	82.5	88.3	94.2	100.0	105.8	111.6	117.4	123.1	128.0	132.9
63.75°	81.6	87.6	93.6	99.7	105.8	111.8	117.8	123.9	130.0	135.6	140.9
62.5°	86.3	92.6	98.9	105.2	111.5	117.7	124.0	130.4	136.8	143.0	148.7
61.25°	91.0	97.5	104.1	110.6	117.1	123.6	130.2	136.9	143.6	150.2	156.4
60°	95.6	102.4	109.2	115.9	122.6	129.4	136.3	143.2	150.3	157.6	164.2
58.75°	100.2	107.2	114.2	121.1	128.1	135.1	142.2	149.5	157.1	164.8	171.8
57.5°	104.7	112.0	119.0	126.2	133.4	140.7	148.2	155.9	163.7	171.7	179.2
56.25°	109.1	116.5	123.7	131.1	138.6	146.2	154.0	162.0	170.2	178.1	185.6
55°	113.4	120.9	128.3	135.9	143.7	151.6	159.7	168.0	176.1	184.0	191.7
53.75°	117.6	125.3	132.8	140.7	148.7	156.9	165.3	173.6	181.8	189.8	197.6
52.5°	121.7	129.6	137.3	145.2	153.5	162.0	170.5	179.0	187.3	195.5	203.6
51.25°	125.7	133.8	141.6	149.7	158.2	166.9	175.7	184.3	192.8	200.9	209.3
50°	129.7	137.7	145.7	154.0	162.8	171.9	180.8	189.6	197.8	206.1	214.8
48.75°	133.5	141.5	149.7	158.2	167.4	176.7	185.8	194.1	202.4	211.0	219.8
47.5°	136.9	145.1	153.6	162.6	172.0	181.4	190.2	198.2	206.7	215.5	223.0
46.25°	140.2	148.6	157.4	166.7	176.4	185.9	193.8	202.1	210.8	218.6	226.2
45°	143.4	152.0	161.1	170.7	180.6	189.1	197.2	205.7	213.9	221.6	229.3
43.75°	146.4	155.3	164.7	174.4	183.8	192.0	200.3	208.7	216.7	224.6	232.2
42.5°	149.3	158.5	168.0	177.9	186.5	194.9	203.2	211.3	219.4	227.4	234.8
41.25°	152.1	161.4	171.1	180.5	189.2	197.6	205.7	213.9	222.1	229.8	237.3
40°	154.8	164.2	174.0	183.0	191.8	200.3	208.3	216.4	224.5	232.1	239.7
38.75°	157.2	166.8	176.3	185.4	194.3	202.6	210.7	218.8	226.6	234.4	242.1
37.5°	159.5	169.2	178.6	187.8	196.6	204.8	213.0	221.0	228.7	236.5	244.6
36.25°	161.6	171.3	180.8	190.1	198.6	206.9	215.1	223.0	230.8	238.8	247.0
35°	163.5	173.3	182.9	192.2	200.5	208.8	217.0	225.0	232.9	241.0	249.2





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	165.3	175.2	185.0	193.9	202.3	210.7	218.8	226.8	235.0	243.3	251.4
32.5°	167.1	177.1	187.0	195.5	203.9	212.2	220.4	228.6	237.1	245.6	252.9
31.25°	168.7	178.9	188.5	196.9	205.4	213.7	222.0	230.5	239.2	247.8	253.6
30°	170.3	180.6	189.7	198.2	206.7	215.1	223.5	232.4	241.2	248.7	254.1
28.75°	171.8	182.2	190.9	199.4	208.0	216.4	225.0	234.2	243.2	249.0	254.2
27.5°	173.1	183.1	191.9	200.5	209.1	217.6	226.7	236.0	244.3	248.9	254.1
26.25°	174.2	183.7	192.5	201.5	210.1	218.7	228.2	237.7	244.1	248.6	253.8
25°	175.1	184.2	193.1	202.0	211.1	220.0	229.7	239.3	243.6	248.0	253.7
23.75°	175.9	184.6	193.4	202.3	211.4	221.3	231.1	239.3	243.0	247.1	253.7
22.5°	176.2	184.9	193.7	202.5	211.6	221.7	232.5	238.6	242.0	246.8	253.7
21.25°	176.3	185.0	193.8	202.6	211.6	221.9	232.5	237.5	240.9	246.7	253.7
20°	176.4	185.0	193.7	202.4	211.6	221.8	231.6	235.6	239.4	246.5	253.7
18.75°	176.3	184.9	193.5	202.1	211.5	221.5	229.7	233.7	238.2	246.0	253.6
17.5°	176.1	184.7	193.1	201.7	211.1	221.0	227.7	231.7	237.3	245.1	252.4
16.25°	175.8	184.4	192.7	201.1	210.5	220.2	225.7	229.8	236.3	244.2	250.8
15°	175.4	183.8	192.0	200.4	209.7	219.3	223.8	227.9	235.2	243.1	249.0
13.75°	174.9	183.2	191.3	199.7	208.8	217.4	221.8	226.1	234.0	241.9	247.1
12.5°	174.3	182.4	190.4	198.7	207.6	215.4	219.8	224.8	232.7	240.1	244.9
11.25°	173.6	181.6	189.4	197.6	206.3	213.3	217.7	223.4	231.3	238.1	242.6
10°	172.8	180.6	188.3	196.4	204.8	211.2	215.7	221.9	229.8	235.9	240.1
8.75°	171.9	179.5	187.0	194.9	203.2	209.0	213.6	220.2	228.1	233.6	237.5
7.5°	171.0	178.5	185.8	193.4	201.3	206.9	211.5	218.4	226.3	231.2	234.7
6.25°	170.1	177.4	184.6	191.7	199.1	204.7	209.7	216.5	224.2	228.6	231.9
5°	169.0	176.1	183.2	189.9	196.8	202.5	208.0	214.4	221.3	225.6	229.4
3.75°	167.9	174.8	181.7	188.0	194.3	200.4	206.3	212.1	218.1	222.7	227.1
2.5°	166.6	173.4	180.2	185.9	191.6	198.1	204.6	209.6	214.7	219.8	224.8
1.25°	165.3	171.9	178.5	183.7	188.9	195.9	202.8	206.9	211.1	216.8	222.4
0°	163.9	170.4	176.8	181.5	186.1	193.5	200.9	204.2	207.5	213.8	220.0
-1.25°	162.3	168.6	174.8	179.6	184.5	191.4	198.4	201.9	205.4	211.4	217.5
-2.5°	160.7	166.7	172.7	177.7	182.7	189.3	195.8	199.6	203.3	209.0	214.8
-3.75°	159.0	164.8	170.6	175.7	180.9	187.0	193.1	197.1	201.0	206.5	212.1
-5°	157.2	162.9	168.4	173.7	179.0	184.8	190.4	194.6	198.7	203.9	209.3
-6.25°	155.4	160.9	166.1	171.5	177.0	182.4	187.6	192.0	196.3	201.3	206.3
-7.5°	153.5	158.8	163.8	169.2	174.9	180.1	184.8	189.2	193.4	198.0	202.8
-8.75°	151.6	156.7	161.5	166.9	172.4	177.4	182.0	186.3	190.3	194.7	199.3
-10°	149.6	154.6	159.3	164.4	169.8	174.7	179.2	183.4	187.2	191.3	195.7
-11.25°	147.4	152.4	157.0	161.9	167.1	171.9	176.2	180.4	184.1	187.9	192.1
-12.5°	145.2	150.2	154.7	159.3	164.3	169.0	173.3	177.3	180.9	184.4	188.4
-13.75°	142.9	147.9	152.3	156.8	161.5	166.1	170.2	174.3	177.6	180.9	184.7
-15°	140.6	145.5	149.8	154.1	158.7	163.1	167.1	171.1	174.4	177.5	180.9
-16.25°	138.3	143.1	147.3	151.5	155.8	160.1	164.0	167.8	171.0	174.0	177.1
-17.5°	135.9	140.6	144.8	148.8	153.0	157.0	160.8	164.4	167.7	170.5	173.3
-18.75°	133.4	138.0	142.1	146.1	150.1	153.9	157.5	161.0	164.4	167.0	169.6
-20°	131.0	135.4	139.5	143.3	147.1	150.8	154.2	157.6	160.9	163.6	166.2
-21.25°	128.4	132.7	136.8	140.5	144.2	147.7	150.9	154.1	157.5	160.4	162.9





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	125.9	130.0	134.0	137.6	141.2	144.5	147.6	150.9	154.2	157.1	159.5
-23.75°	123.3	127.3	131.1	134.7	138.2	141.4	144.6	147.8	150.9	153.9	156.1
-25°	120.6	124.5	128.2	131.7	135.1	138.4	141.5	144.7	147.6	150.4	152.7
-26.25°	117.9	121.8	125.3	128.7	132.1	135.3	138.4	141.4	144.3	146.9	149.3
-27.5°	115.2	119.0	122.3	125.8	129.0	132.2	135.1	138.1	141.0	143.5	145.8
-28.75°	112.5	116.1	119.5	122.8	126.0	128.9	131.8	134.7	137.6	140.0	142.2
-30°	109.8	113.3	116.7	119.9	122.9	125.7	128.4	131.2	134.0	136.6	138.6
-31.25°	107.1	110.6	113.9	116.9	119.8	122.5	125.1	127.6	130.3	133.1	135.1
-32.5°	104.5	107.9	111.1	114.0	116.7	119.3	121.7	124.0	126.6	129.2	131.6
-33.75°	101.9	105.1	108.2	111.0	113.6	116.0	118.3	120.5	122.7	125.3	127.9
-35°	99.3	102.4	105.3	108.0	110.5	112.8	114.9	117.0	118.9	121.2	123.4
-36.25°	96.6	99.6	102.4	105.0	107.4	109.5	111.5	113.4	115.2	116.9	118.8
-37.5°	93.9	96.8	99.5	102.0	104.3	106.3	108.2	109.9	111.5	112.5	114.0
-38.75°	91.3	94.0	96.6	98.9	101.1	103.1	104.8	106.4	107.6	108.4	109.2
-40°	88.6	91.2	93.7	95.9	98.0	99.9	101.5	102.8	103.7	104.4	104.9
-41.25°	86.0	88.4	90.8	92.9	94.8	96.6	98.2	99.2	99.8	100.4	100.8
-42.5°	83.2	85.7	87.9	89.9	91.7	93.4	94.8	95.5	96.1	96.4	96.7
-43.75°	80.4	82.9	85.0	86.9	88.6	90.2	91.2	91.9	92.3	92.6	92.7
-45°	77.5	80.1	82.1	83.9	85.5	86.8	87.7	88.3	88.7	88.8	88.8
-46.25°	74.6	77.1	79.3	80.9	82.4	83.5	84.2	84.8	85.1	85.1	85.0
-47.5°	71.7	74.1	76.3	78.0	79.4	80.2	80.8	81.2	81.5	81.5	81.3
-48.75°	68.9	71.1	73.2	75.1	76.2	76.9	77.5	77.8	77.9	77.9	77.6
-50°	66.1	68.2	70.1	71.9	73.1	73.7	74.2	74.4	74.5	74.4	74.0
-51.25°	63.4	65.2	67.1	68.7	69.8	70.6	71.0	71.1	71.1	70.9	70.5
-52.5°	60.7	62.4	64.0	65.5	66.6	67.4	67.8	67.9	67.8	67.5	67.1
-53.75°	58.1	59.7	61.1	62.3	63.3	64.1	64.6	64.7	64.6	64.2	63.7
-55°	55.4	57.0	58.3	59.2	60.1	60.8	61.3	61.5	61.4	61.0	60.5
-56.25°	52.9	54.3	55.5	56.4	57.0	57.7	58.1	58.3	58.2	57.9	57.3
-57.5°	50.5	51.6	52.7	53.5	54.1	54.6	54.9	55.1	55.0	54.7	54.3
-58.75°	48.1	49.2	49.9	50.7	51.3	51.7	51.9	52.0	51.9	51.6	51.3
-60°	45.8	46.8	47.4	47.9	48.5	48.9	49.0	49.0	48.9	48.6	48.3
-61.25°	43.6	44.4	44.9	45.4	45.7	46.1	46.2	46.2	46.0	45.7	45.4
-62.5°	41.1	42.0	42.5	42.9	43.2	43.3	43.5	43.4	43.2	42.9	42.6
-63.75°	38.4	39.4	40.0	40.4	40.6	40.7	40.8	40.7	40.5	40.3	39.9
-65°	35.6	36.6	37.4	37.9	38.1	38.1	38.1	38.0	37.9	37.6	37.3
-66.25°	32.8	33.8	34.6	35.2	35.5	35.6	35.5	35.4	35.2	35.0	34.8
-67.5°	30.1	31.0	31.8	32.4	32.8	33.0	32.9	32.8	32.6	32.5	32.2
-68.75°	27.7	28.3	29.0	29.6	30.0	30.2	30.3	30.2	30.0	29.9	29.7
-70°	25.4	26.0	26.4	26.9	27.3	27.6	27.6	27.6	27.5	27.4	27.2
-71.25°	23.2	23.7	24.1	24.5	24.7	24.9	25.0	25.0	25.0	25.0	24.8
-72.5°	21.0	21.5	21.9	22.2	22.4	22.5	22.5	22.5	22.6	22.6	22.4
-73.75°	18.8	19.2	19.6	19.9	20.1	20.2	20.2	20.2	20.2	20.2	20.1
-75°	16.8	17.2	17.4	17.6	17.8	17.9	18.0	18.0	18.0	18.0	17.9
-76.25°	14.9	15.2	15.4	15.6	15.7	15.7	15.8	15.8	15.8	15.8	15.7
-77.5°	13.0	13.3	13.5	13.7	13.8	13.8	13.7	13.7	13.6	13.6	13.6



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	11.1	11.4	11.6	11.8	11.9	11.9	11.9	11.8	11.8	11.7	11.6
-80°	9.4	9.6	9.7	9.9	10.0	10.0	10.0	10.0	10.0	10.0	9.9
-81.25°	7.9	8.0	8.1	8.2	8.2	8.2	8.2	8.3	8.3	8.3	8.2
-82.5°	6.3	6.4	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.6
-83.75°	4.7	4.9	5.0	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2
-85°	3.4	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.7
-86.25°	2.5	2.5	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
-88.75°	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**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°	3.2	3.3	3.4	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.2
87.5°	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.2	8.4
86.25°	9.6	10.0	10.6	11.2	11.6	12.0	12.4	12.8	13.2	13.6	13.9
85°	15.2	15.9	16.7	17.4	17.9	18.4	18.9	19.4	19.8	20.2	20.6
83.75°	20.8	21.8	22.7	23.6	24.3	24.9	25.4	25.9	26.4	26.9	27.4
82.5°	26.5	27.7	28.9	30.1	31.0	31.8	32.7	33.5	34.3	35.0	35.8
81.25°	33.2	34.6	35.9	37.2	38.2	39.3	40.3	41.3	42.3	43.2	44.2
80°	40.0	41.4	42.8	44.2	45.5	46.7	47.9	49.5	51.0	52.5	53.9
78.75°	46.8	48.5	50.4	52.4	54.3	56.2	58.0	59.8	61.5	63.2	64.8
77.5°	55.0	57.3	59.5	61.8	64.0	66.1	68.1	70.1	72.0	73.9	75.7
76.25°	63.4	66.0	68.6	71.2	73.7	75.9	78.1	80.3	82.3	84.3	86.3
75°	71.8	74.7	77.6	80.5	83.3	85.7	88.1	90.4	92.6	94.7	96.8
73.75°	80.4	83.6	86.8	89.9	92.8	95.5	98.0	100.4	102.8	105.1	107.4
72.5°	89.1	92.5	95.9	99.2	102.3	104.9	107.5	110.1	112.8	115.4	118.1
71.25°	97.8	101.3	104.6	107.8	110.9	113.9	116.8	119.7	122.7	125.6	128.6
70°	105.8	109.3	112.8	116.1	119.5	122.7	125.9	129.5	133.0	136.2	139.2
68.75°	113.6	117.3	120.9	124.5	128.4	132.7	136.7	140.4	143.9	147.0	149.9
67.5°	121.3	125.2	129.7	134.3	139.1	143.8	147.8	151.5	154.8	157.7	160.4
66.25°	129.5	134.3	139.3	144.4	149.6	154.9	158.6	161.7	164.7	167.6	170.5
65°	138.0	143.3	148.7	154.2	159.4	164.2	167.8	171.1	174.3	177.4	180.5
63.75°	146.4	152.1	157.6	162.8	167.9	172.8	177.0	180.5	183.7	187.0	190.5
62.5°	154.6	160.3	165.8	171.2	176.4	181.5	185.5	188.9	192.4	196.2	200.2
61.25°	162.5	168.4	174.1	179.6	184.4	188.8	193.0	196.8	200.9	205.2	209.5
60°	170.4	176.4	181.9	186.8	191.4	195.9	200.2	204.5	209.3	213.9	218.2
58.75°	178.2	183.6	188.8	193.8	198.5	203.1	208.1	213.2	218.1	222.7	227.0
57.5°	184.9	190.4	195.7	200.8	206.1	211.4	216.7	221.9	226.8	230.9	234.2
56.25°	191.6	197.2	202.7	208.5	214.2	219.7	225.2	230.1	233.8	237.4	240.8
55°	198.3	204.3	210.3	216.3	222.2	227.9	232.1	236.3	240.3	243.9	247.4
53.75°	205.3	211.6	217.9	224.1	229.3	233.6	238.0	242.4	246.7	250.6	254.3
52.5°	212.0	218.9	225.3	230.1	234.6	239.2	243.7	248.4	253.3	257.5	261.2
51.25°	218.1	226.0	230.6	235.2	239.9	244.6	249.4	254.4	259.5	264.4	267.9
50°	223.6	230.6	235.3	240.2	245.0	249.8	254.9	260.1	265.5	270.4	274.1
48.75°	227.0	234.2	240.0	244.9	249.7	254.8	260.1	265.4	270.6	275.6	280.0
47.5°	230.4	237.7	244.3	249.1	254.2	259.6	265.0	270.3	275.6	280.8	284.3
46.25°	233.7	240.9	247.6	253.2	258.5	264.1	269.7	275.1	280.2	283.8	287.1
45°	236.7	243.7	250.6	257.0	262.9	268.6	274.3	279.2	283.0	286.6	290.0
43.75°	239.4	246.5	253.5	260.8	267.1	273.0	277.9	282.0	285.9	289.5	293.0
42.5°	242.1	249.2	256.7	264.1	271.3	276.5	280.8	284.9	288.7	292.0	295.9
41.25°	244.6	252.2	259.8	267.4	274.2	279.3	283.7	287.6	290.6	294.2	298.3
40°	247.3	255.1	262.8	269.9	276.1	282.2	286.2	289.0	292.2	296.0	300.2
38.75°	250.0	257.9	265.5	271.7	277.9	283.9	287.1	290.0	293.4	297.7	302.0
37.5°	252.6	260.6	267.0	273.2	279.5	283.7	287.5	290.7	295.0	299.4	303.8
36.25°	255.1	262.1	268.3	274.6	279.5	283.6	287.4	292.1	296.6	301.1	305.3
35°	257.0	263.3	269.6	275.1	279.5	283.6	288.6	293.6	298.2	302.8	306.9



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**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°	258.0	264.3	270.5	275.1	279.5	284.5	290.4	295.6	300.0	304.7	308.8
32.5°	258.9	265.2	270.5	275.2	279.7	286.6	292.7	297.6	301.8	306.9	310.4
31.25°	259.6	265.6	270.6	275.3	282.0	289.1	295.3	298.8	303.1	307.8	311.3
30°	260.0	265.6	270.7	276.6	284.6	291.9	296.0	299.5	303.8	307.6	311.4
28.75°	260.0	265.6	270.9	279.2	287.5	293.5	296.2	299.6	303.6	307.5	311.2
27.5°	259.9	265.7	272.3	281.8	290.6	293.3	295.8	299.3	303.4	307.4	310.4
26.25°	260.0	265.8	273.9	283.3	290.8	292.7	295.0	299.1	303.3	306.7	309.4
25°	260.0	266.5	275.0	284.3	288.5	291.4	294.6	298.9	303.1	305.5	308.1
23.75°	260.1	267.3	275.6	283.0	286.5	289.5	294.2	298.7	301.8	304.1	306.7
22.5°	260.2	267.6	275.7	281.1	284.8	288.6	293.3	298.1	300.4	302.5	305.9
21.25°	260.4	267.5	274.9	279.4	283.3	287.6	292.1	296.0	298.7	301.1	305.3
20°	260.1	266.9	273.2	277.8	282.1	286.3	290.8	294.3	297.2	300.7	304.9
18.75°	259.5	265.9	271.6	276.5	280.8	284.9	289.2	292.9	296.2	300.1	304.2
17.5°	258.3	264.5	270.1	275.4	279.3	283.3	287.7	291.8	295.5	299.3	302.7
16.25°	256.5	262.6	268.8	274.0	277.6	281.6	286.5	291.0	294.6	298.3	300.7
15°	254.5	260.6	266.8	272.0	275.8	280.2	285.6	290.1	293.5	297.1	298.9
13.75°	252.3	258.5	264.7	269.6	273.7	278.8	284.7	289.0	292.3	295.3	297.3
12.5°	250.0	256.3	262.5	267.3	271.7	277.0	282.7	287.1	290.9	293.6	295.8
11.25°	247.7	254.0	260.0	265.1	269.9	274.9	280.2	284.0	287.9	291.1	294.3
10°	245.3	251.6	257.6	262.9	267.9	272.4	277.1	280.9	284.6	287.7	290.8
8.75°	242.8	249.1	255.1	260.8	265.6	269.8	273.9	277.7	281.2	284.2	287.3
7.5°	240.2	246.5	252.7	258.7	263.1	266.9	270.7	274.4	277.7	280.7	283.9
6.25°	237.5	243.8	250.2	256.6	260.5	263.7	267.3	271.0	274.2	277.1	280.6
5°	234.9	240.9	247.6	254.4	257.7	260.5	263.9	267.6	270.6	273.4	277.3
3.75°	232.1	237.4	244.0	250.8	254.1	257.1	260.6	264.1	266.9	269.6	273.9
2.5°	229.2	233.8	240.4	247.0	250.5	253.7	257.2	260.8	263.2	265.6	269.7
1.25°	226.2	230.1	236.6	243.1	246.7	250.3	253.8	257.3	259.4	261.5	265.2
0°	223.1	226.2	232.7	239.1	243.0	246.8	250.3	253.8	255.6	257.3	260.6
-1.25°	220.8	224.1	230.0	235.9	240.5	245.1	247.9	250.7	253.3	256.0	258.8
-2.5°	218.4	221.9	227.2	232.6	237.8	243.2	245.5	247.6	251.0	254.6	257.0
-3.75°	215.9	219.6	224.4	229.2	235.0	241.1	243.1	244.4	248.4	253.0	255.0
-5°	213.3	217.2	221.5	225.8	231.8	238.1	240.1	241.2	244.9	249.3	251.6
-6.25°	210.4	214.3	218.4	222.5	228.0	233.8	236.4	237.8	241.2	245.3	248.0
-7.5°	207.0	211.0	215.1	219.2	224.1	229.4	232.6	234.3	237.3	241.2	244.3
-8.75°	203.5	207.6	211.6	215.7	220.2	225.0	228.6	230.6	233.4	237.1	240.4
-10°	199.9	204.0	208.1	212.1	216.3	220.7	224.4	226.7	229.3	232.9	236.3
-11.25°	196.1	200.3	204.5	208.4	212.4	216.3	220.0	222.5	225.3	228.6	231.8
-12.5°	192.2	196.4	200.8	204.6	208.5	212.0	215.2	218.1	221.2	224.7	228.3
-13.75°	188.3	192.4	196.8	200.7	204.5	207.8	210.7	214.1	217.5	221.1	224.6
-15°	184.3	188.2	192.6	196.7	200.4	203.8	207.0	210.4	213.8	217.3	220.8
-16.25°	180.3	183.9	188.3	192.6	196.2	199.7	203.0	206.5	209.9	213.3	216.8
-17.5°	176.3	179.6	184.1	188.4	191.9	195.3	198.7	202.3	205.9	209.2	212.6
-18.75°	172.7	175.8	179.8	183.9	187.5	190.8	194.2	197.8	201.7	205.0	208.2
-20°	169.1	172.1	175.5	179.4	183.0	186.2	189.4	193.1	197.0	200.6	203.8
-21.25°	165.5	168.3	171.3	174.9	178.3	181.5	184.6	188.0	192.0	196.1	199.3



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**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°	161.7	164.5	167.2	170.4	173.7	176.7	179.6	182.6	186.7	191.1	194.6
-23.75°	158.2	160.6	163.2	166.0	169.0	171.8	174.6	177.8	181.6	185.8	189.8
-25°	154.7	156.7	159.1	161.6	164.3	166.9	170.0	173.3	176.4	180.4	184.4
-26.25°	151.1	152.8	155.0	157.3	159.7	162.6	165.7	168.9	171.8	175.0	178.7
-27.5°	147.6	149.1	150.9	153.0	155.5	158.4	161.4	164.4	167.2	169.8	173.0
-28.75°	144.0	145.5	146.8	149.0	151.4	154.1	156.9	159.9	162.6	165.0	167.3
-30°	140.4	141.8	143.1	144.8	147.2	149.7	152.4	155.2	158.0	160.3	162.4
-31.25°	136.7	138.1	139.4	140.8	142.9	145.2	147.7	150.3	153.0	155.6	157.7
-32.5°	133.0	134.3	135.6	136.9	138.4	140.6	143.0	145.4	148.0	150.5	153.2
-33.75°	129.2	130.4	131.7	132.9	134.2	135.9	138.1	140.4	142.8	145.4	148.2
-35°	125.3	126.4	127.5	128.8	130.0	131.3	133.1	135.3	137.6	140.2	142.8
-36.25°	120.8	122.2	123.3	124.5	125.6	126.8	128.1	130.0	132.3	134.9	137.4
-37.5°	115.9	117.9	118.9	120.0	121.1	122.2	123.4	124.6	126.7	129.1	131.7
-38.75°	110.9	112.7	114.5	115.4	116.4	117.4	118.4	119.4	120.9	123.0	125.4
-40°	105.8	107.4	109.2	110.7	111.6	112.5	113.0	113.9	115.1	116.7	118.8
-41.25°	101.0	102.0	103.7	105.4	106.7	107.3	107.7	108.1	109.0	110.3	112.0
-42.5°	96.8	96.8	98.0	99.5	101.2	102.1	102.4	102.6	102.7	103.7	105.1
-43.75°	92.7	92.5	92.2	93.5	95.2	96.6	97.2	97.2	97.1	96.9	97.8
-45°	88.6	88.4	88.0	87.6	89.5	90.9	91.7	91.9	91.7	91.4	90.9
-46.25°	84.7	84.3	83.8	83.8	84.0	85.3	86.2	86.5	86.4	85.9	85.4
-47.5°	80.9	80.3	79.8	80.0	80.1	80.2	80.9	81.3	81.2	80.6	80.0
-48.75°	77.1	76.5	76.2	76.2	76.2	76.2	76.1	76.3	76.2	75.8	75.1
-50°	73.4	72.8	72.6	72.4	72.3	72.2	72.0	71.8	71.6	71.2	70.6
-51.25°	69.9	69.3	69.0	68.8	68.5	68.2	67.9	67.6	67.3	66.7	66.0
-52.5°	66.4	66.0	65.5	65.1	64.7	64.3	63.9	63.5	63.0	62.1	61.2
-53.75°	63.1	62.7	62.2	61.5	60.9	60.4	59.9	59.3	58.7	57.4	56.2
-55°	60.0	59.5	58.9	58.2	57.4	56.5	55.8	55.2	54.3	52.8	51.1
-56.25°	56.9	56.4	55.7	55.0	54.1	53.1	52.1	51.0	50.0	48.6	47.0
-57.5°	53.8	53.3	52.6	51.8	50.9	49.9	48.8	47.6	46.1	44.6	43.1
-58.75°	50.9	50.3	49.6	48.7	47.8	46.7	45.6	44.3	42.9	41.3	39.5
-60°	47.9	47.3	46.6	45.8	44.8	43.7	42.5	41.2	39.8	38.3	36.6
-61.25°	45.0	44.4	43.7	42.9	41.9	40.8	39.6	38.4	37.0	35.4	33.7
-62.5°	42.1	41.6	40.9	40.1	39.1	38.0	36.9	35.7	34.4	33.0	31.3
-63.75°	39.4	38.8	38.1	37.3	36.4	35.3	34.3	33.2	32.0	30.7	29.1
-65°	36.9	36.3	35.5	34.7	33.8	32.7	31.8	30.8	29.7	28.4	27.1
-66.25°	34.3	33.7	33.1	32.2	31.3	30.3	29.4	28.5	27.4	26.3	25.0
-67.5°	31.8	31.3	30.6	29.9	29.0	28.1	27.2	26.3	25.3	24.2	23.0
-68.75°	29.4	28.9	28.3	27.6	26.7	25.9	25.1	24.3	23.3	22.3	21.2
-70°	26.9	26.5	26.0	25.3	24.6	23.8	23.1	22.3	21.4	20.4	19.4
-71.25°	24.6	24.2	23.7	23.1	22.5	21.8	21.1	20.4	19.5	18.6	17.7
-72.5°	22.2	21.9	21.5	21.0	20.4	19.8	19.2	18.5	17.7	16.9	16.0
-73.75°	19.9	19.7	19.3	18.9	18.4	17.9	17.3	16.7	16.0	15.2	14.4
-75°	17.7	17.4	17.2	16.8	16.4	15.9	15.4	14.8	14.2	13.5	12.8
-76.25°	15.5	15.3	15.1	14.8	14.4	14.0	13.5	13.0	12.5	11.9	11.2
-77.5°	13.4	13.3	13.0	12.8	12.5	12.1	11.7	11.3	10.8	10.2	9.6



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	11.4	11.2	11.0	10.8	10.5	10.3	10.0	9.6	9.2	8.7	8.2
-80°	9.8	9.6	9.4	9.1	8.8	8.5	8.2	8.0	7.6	7.3	6.9
-81.25°	8.1	8.0	7.9	7.6	7.4	7.2	6.9	6.7	6.3	6.0	5.7
-82.5°	6.6	6.5	6.4	6.2	6.1	5.9	5.6	5.4	5.1	4.9	4.6
-83.75°	5.1	5.1	5.0	4.9	4.7	4.6	4.4	4.2	4.0	3.7	3.5
-85°	3.7	3.7	3.6	3.5	3.5	3.3	3.2	3.1	2.9	2.8	2.6
-86.25°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.7
-87.5°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.1	1.0
-88.75°	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**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°	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.8	4.8
87.5°	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.3	9.5	9.7
86.25°	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.3	16.5
85°	21.0	21.4	21.7	21.9	22.2	22.5	22.7	22.9	23.1	23.5	23.8
83.75°	28.0	28.5	29.1	29.6	30.1	30.6	31.0	31.5	31.9	32.3	32.7
82.5°	36.6	37.3	38.0	38.7	39.3	40.0	40.6	41.2	41.8	42.2	42.5
81.25°	45.1	46.0	46.9	47.8	48.7	49.6	50.5	51.3	52.0	52.4	52.8
80°	55.4	56.6	57.7	58.8	59.7	60.6	61.3	62.0	62.6	63.1	63.6
78.75°	66.4	67.8	68.8	69.8	70.7	71.5	72.2	72.9	73.5	74.2	74.9
77.5°	77.4	78.8	80.0	81.0	82.1	83.0	84.0	84.8	85.7	86.4	87.2
76.25°	88.1	89.7	91.0	92.3	93.5	94.7	95.7	96.8	97.8	98.6	99.3
75°	98.8	100.6	102.1	103.6	104.9	106.0	107.1	108.0	108.8	109.5	110.4
73.75°	109.7	112.0	113.5	114.9	116.1	117.2	118.2	119.0	119.7	120.5	121.5
72.5°	120.7	123.3	124.9	126.2	127.4	128.6	129.8	131.0	132.2	133.4	134.5
71.25°	131.5	134.1	135.8	137.4	138.9	140.5	142.1	143.6	145.1	146.6	147.6
70°	142.0	144.5	146.5	148.4	150.4	152.3	154.0	155.7	157.2	158.5	159.3
68.75°	152.6	154.9	157.2	159.3	161.4	163.3	165.1	166.8	168.3	169.8	170.7
67.5°	162.9	165.5	167.9	170.1	172.2	174.2	176.1	177.9	179.5	180.8	181.9
66.25°	173.2	175.9	178.6	181.1	183.5	185.6	187.5	189.2	190.7	191.9	193.0
65°	183.6	186.9	190.3	193.0	195.3	197.3	199.1	200.7	201.9	203.0	204.2
63.75°	194.2	198.0	202.0	205.0	207.2	208.6	210.0	211.5	212.9	214.4	215.7
62.5°	204.5	208.7	212.4	215.0	216.7	218.5	220.3	222.1	223.8	225.6	226.6
61.25°	213.6	217.4	221.0	224.1	226.2	228.3	229.8	231.1	232.4	233.7	234.9
60°	222.3	226.2	229.8	232.5	234.2	235.7	237.3	238.8	240.3	241.7	243.1
58.75°	230.8	233.8	236.6	239.2	241.2	243.0	244.8	246.4	248.0	249.4	250.7
57.5°	237.4	240.4	243.3	246.0	248.3	250.3	252.1	253.8	255.5	257.0	258.3
56.25°	244.0	247.1	250.1	252.9	255.5	257.5	259.4	261.2	263.0	264.7	266.0
55°	250.8	254.1	257.1	259.9	262.6	264.9	267.3	269.3	271.1	272.6	273.8
53.75°	257.8	261.1	264.1	267.2	270.5	273.3	275.6	277.5	279.2	280.1	280.6
52.5°	264.8	268.1	271.5	274.9	278.5	281.8	283.5	284.4	285.2	285.9	286.5
51.25°	271.4	275.0	278.6	282.4	285.4	288.0	289.2	290.2	291.1	291.8	292.0
50°	277.8	281.7	284.7	287.3	290.1	293.0	295.0	295.5	295.7	296.0	296.5
48.75°	283.5	286.0	288.8	291.6	294.7	297.1	298.6	298.8	299.3	299.9	300.8
47.5°	286.9	289.7	292.6	295.4	297.7	299.6	301.2	301.8	302.9	304.2	305.4
46.25°	290.1	293.1	296.0	298.5	300.6	302.4	304.2	306.1	307.6	308.9	310.0
45°	293.5	296.7	299.5	301.9	303.9	306.2	308.5	310.8	312.3	313.0	313.7
43.75°	297.1	300.5	303.2	305.3	307.6	310.0	312.5	314.1	314.9	315.6	316.7
42.5°	300.2	304.1	306.4	308.7	311.2	313.1	314.4	315.7	316.9	318.0	319.0
41.25°	302.5	306.6	309.4	311.9	313.2	314.4	315.8	317.2	318.5	319.6	320.7
40°	304.4	308.5	311.8	313.0	314.3	315.7	317.3	318.8	320.0	321.0	322.3
38.75°	306.3	309.8	312.4	314.1	315.4	317.6	319.3	320.7	321.7	322.9	324.4
37.5°	307.6	310.6	313.1	315.4	317.9	320.0	321.6	322.6	323.7	325.3	326.9
36.25°	308.8	311.8	314.6	317.8	320.7	322.7	322.9	323.8	325.2	327.1	328.2
35°	310.4	313.4	316.5	319.8	322.8	322.8	323.3	324.4	326.0	327.3	328.2





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
33.75°	312.0	314.9	318.1	320.7	321.8	322.5	323.2	325.1	326.6	327.7	328.2
32.5°	313.1	316.1	318.7	320.1	321.1	322.1	324.3	326.1	327.4	327.3	326.9
31.25°	314.0	316.7	318.3	319.7	321.0	323.1	325.5	327.1	326.4	325.9	325.5
30°	314.5	316.5	318.2	319.6	321.5	323.7	325.7	325.6	325.0	324.5	324.5
28.75°	314.2	316.6	318.3	319.8	321.8	323.4	323.5	323.7	323.6	323.6	323.8
27.5°	313.3	316.5	318.2	319.8	321.2	321.2	321.3	321.7	322.6	322.8	322.9
26.25°	312.3	315.2	317.6	319.2	319.1	319.0	319.4	320.6	321.4	321.8	321.6
25°	311.1	314.1	316.6	317.1	316.9	317.0	318.6	319.8	320.3	320.1	320.1
23.75°	310.2	313.3	314.6	314.7	314.7	316.5	318.1	318.9	318.3	318.1	318.3
22.5°	309.5	312.2	312.5	312.6	314.1	316.3	317.8	316.8	316.1	316.0	316.4
21.25°	309.1	310.2	310.4	311.3	313.6	315.8	315.5	314.4	313.8	314.3	314.7
20°	307.8	308.2	308.5	310.7	313.0	313.8	312.9	311.8	312.3	312.9	313.0
18.75°	305.9	306.5	307.8	310.2	312.2	311.4	310.4	310.4	311.1	311.5	311.1
17.5°	303.8	304.7	307.2	309.6	309.9	309.1	308.6	309.4	310.0	309.7	309.2
16.25°	302.0	303.7	306.2	308.5	307.8	306.9	307.6	308.4	308.7	308.3	307.7
15°	300.4	302.5	304.9	305.9	305.6	305.6	306.7	307.5	307.4	307.0	305.5
13.75°	299.1	301.2	303.4	303.5	303.3	304.3	305.7	306.4	306.3	305.6	303.5
12.5°	297.7	299.7	301.1	301.4	301.6	302.7	304.0	304.3	305.3	303.8	301.7
11.25°	296.2	298.0	299.0	299.5	300.0	301.0	301.5	301.4	301.7	301.2	300.1
10°	293.5	295.9	297.1	297.7	298.4	299.1	298.6	298.1	298.0	297.7	298.0
8.75°	290.3	292.8	294.2	295.4	296.4	297.1	295.5	294.4	294.6	294.7	295.8
7.5°	287.3	289.7	291.2	292.3	293.0	293.3	292.1	291.0	291.6	292.1	293.6
6.25°	284.3	286.6	288.2	289.0	289.4	289.5	288.8	288.6	289.2	290.0	291.4
5°	281.3	283.6	285.2	285.7	285.8	286.0	286.0	286.3	287.0	288.1	289.4
3.75°	278.4	280.5	282.3	282.3	282.1	282.7	283.3	284.1	284.8	286.1	287.4
2.5°	273.9	276.2	278.3	278.6	278.6	279.6	280.8	281.8	282.7	284.0	285.3
1.25°	268.9	271.2	273.5	274.8	276.0	276.4	276.8	278.8	280.8	281.9	283.1
0°	263.8	266.3	268.7	271.1	273.5	273.2	272.8	275.9	278.9	279.8	280.7
-1.25°	261.5	263.9	266.4	268.6	270.9	271.7	272.7	274.6	276.4	277.6	278.8
-2.5°	259.2	261.6	264.0	266.1	268.1	270.2	272.4	273.3	274.0	275.3	276.8
-3.75°	256.7	258.9	261.2	263.3	265.3	267.7	270.2	271.2	271.8	273.1	274.6
-5°	253.4	255.7	258.1	260.2	262.4	264.9	267.7	269.0	269.6	270.7	272.3
-6.25°	250.1	252.4	254.8	257.1	259.3	261.9	264.9	266.8	267.3	268.2	269.8
-7.5°	246.6	249.0	251.4	253.8	256.0	258.6	261.8	264.5	265.1	266.2	268.0
-8.75°	242.8	245.4	247.8	250.3	252.6	255.4	258.7	261.7	262.8	264.4	266.2
-10°	238.9	241.7	244.2	246.9	249.8	253.0	255.9	258.3	260.1	262.1	264.2
-11.25°	235.0	238.2	241.0	243.7	246.7	250.2	253.3	255.2	256.8	259.1	262.1
-12.5°	231.6	234.6	237.5	240.2	243.2	246.9	251.0	252.5	253.4	255.5	258.2
-13.75°	228.1	231.0	233.9	236.6	239.4	243.1	247.4	249.8	250.3	251.4	254.1
-15°	224.4	227.3	230.1	232.8	235.6	238.8	242.7	246.6	247.1	247.6	249.6
-16.25°	220.3	223.5	226.2	228.8	231.4	233.8	237.5	241.4	243.7	244.3	244.8
-17.5°	216.1	219.6	222.1	224.4	226.8	229.2	232.0	235.8	239.6	240.7	241.7
-18.75°	211.6	215.0	217.7	219.9	222.1	224.4	226.7	229.9	233.6	237.3	238.6
-20°	207.1	210.2	213.0	215.2	217.3	219.4	221.6	223.8	228.0	232.0	234.8
-21.25°	202.5	205.5	208.1	210.3	212.3	214.3	216.3	219.6	223.0	226.7	229.8





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	197.8	200.9	203.3	205.4	207.3	209.1	212.5	215.8	218.8	221.7	224.7
-23.75°	192.9	195.9	198.6	200.5	202.1	205.0	208.4	212.0	214.9	217.5	220.0
-25°	187.8	190.8	193.7	195.7	198.0	200.6	203.9	207.5	211.2	213.7	215.8
-26.25°	182.4	185.4	188.3	191.4	193.7	196.2	198.9	202.4	206.2	209.8	211.5
-27.5°	176.5	179.9	183.1	186.3	189.1	191.5	194.0	196.8	200.4	204.0	206.9
-28.75°	170.6	174.3	178.0	181.1	184.0	186.5	188.8	191.3	194.4	198.0	201.0
-30°	165.0	168.8	172.5	175.9	178.7	181.2	183.4	185.8	188.8	192.2	195.2
-31.25°	160.2	163.3	166.8	170.3	173.4	175.8	177.9	180.1	182.7	185.8	189.3
-32.5°	155.6	158.1	161.1	164.4	167.6	170.4	172.6	174.5	176.3	178.8	181.9
-33.75°	150.6	153.0	155.6	158.4	161.5	164.4	167.2	169.1	170.8	172.3	174.0
-35°	145.4	147.8	150.1	152.6	155.3	158.0	160.7	163.4	165.3	166.7	167.9
-36.25°	139.8	142.2	144.5	146.8	149.1	151.5	154.0	156.5	158.9	161.2	162.4
-37.5°	134.1	136.3	138.5	140.7	142.6	144.8	147.0	149.4	151.6	153.9	156.1
-38.75°	128.1	130.4	132.5	133.9	135.9	137.8	139.8	141.9	144.2	146.2	147.9
-40°	121.2	123.9	126.0	126.4	127.7	130.0	132.3	134.1	136.1	137.8	139.1
-41.25°	114.1	116.4	117.7	118.1	118.8	120.3	122.6	125.7	127.7	128.4	129.2
-42.5°	106.7	108.5	109.3	109.6	109.5	109.8	111.3	113.6	116.5	118.4	118.8
-43.75°	99.2	100.4	101.0	101.4	101.3	100.8	100.0	100.7	103.5	105.9	107.4
-45°	91.4	92.7	93.4	93.5	93.3	92.8	92.0	91.0	91.9	94.0	96.0
-46.25°	85.2	85.3	86.1	86.4	86.1	85.2	84.3	84.2	85.1	85.7	86.2
-47.5°	80.0	79.8	79.6	79.6	79.5	78.8	77.7	77.8	78.4	79.1	79.5
-48.75°	74.8	74.6	74.2	73.8	73.3	72.8	72.1	72.4	72.6	72.7	72.9
-50°	70.0	69.4	68.9	68.4	67.8	67.1	66.8	66.9	66.9	66.9	66.9
-51.25°	65.2	64.5	63.8	63.1	62.4	61.6	61.3	61.2	61.1	61.1	60.9
-52.5°	60.4	59.6	58.7	57.8	57.0	56.2	55.7	55.3	54.9	54.7	54.4
-53.75°	55.2	54.3	53.5	52.6	51.6	50.7	50.0	49.3	48.7	48.1	47.6
-55°	49.8	48.7	47.6	46.7	45.9	45.1	44.2	43.3	42.4	41.6	40.8
-56.25°	45.1	42.9	41.6	40.4	39.4	39.0	38.3	37.3	36.1	35.1	34.0
-57.5°	41.3	39.3	37.0	34.5	33.2	32.9	32.4	31.6	30.5	29.2	27.6
-58.75°	37.7	35.8	33.7	31.4	29.8	28.4	27.0	26.1	25.2	24.2	22.8
-60°	34.8	32.8	30.6	28.5	27.2	25.9	24.5	23.0	21.5	19.9	18.2
-61.25°	32.0	30.1	28.1	26.1	24.9	23.5	22.1	20.7	19.2	17.6	16.0
-62.5°	29.5	27.5	25.6	24.1	22.9	21.7	20.3	18.8	17.2	15.4	13.8
-63.75°	27.5	25.6	23.6	22.2	21.1	20.1	18.9	17.5	16.1	14.5	12.9
-65°	25.6	23.9	22.1	21.0	19.9	18.7	17.6	16.4	15.1	13.8	12.4
-66.25°	23.6	22.2	20.7	19.7	18.7	17.6	16.5	15.3	14.1	12.9	11.6
-67.5°	21.7	20.4	19.1	18.3	17.4	16.4	15.4	14.3	13.1	12.0	10.8
-68.75°	20.0	18.7	17.6	16.9	16.0	15.1	14.2	13.2	12.2	11.1	10.0
-70°	18.3	17.1	16.2	15.5	14.7	13.9	13.1	12.2	11.2	10.2	9.3
-71.25°	16.6	15.6	14.8	14.2	13.5	12.7	11.9	11.1	10.2	9.4	8.5
-72.5°	15.1	14.1	13.5	12.9	12.2	11.5	10.8	10.0	9.2	8.4	7.7
-73.75°	13.6	12.7	12.2	11.6	11.0	10.4	9.7	9.0	8.3	7.6	6.9
-75°	12.0	11.3	10.9	10.4	9.9	9.3	8.7	8.1	7.4	6.8	6.1
-76.25°	10.5	9.9	9.5	9.1	8.7	8.2	7.7	7.2	6.6	6.0	5.4
-77.5°	9.0	8.5	8.2	7.9	7.5	7.1	6.7	6.2	5.7	5.2	4.7



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CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	7.7	7.3	7.0	6.7	6.4	6.0	5.7	5.3	4.9	4.5	4.0
-80°	6.5	6.1	5.9	5.6	5.4	5.1	4.7	4.4	4.1	3.7	3.4
-81.25°	5.3	5.0	4.8	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7
-82.5°	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.1
-83.75°	3.3	3.1	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7
-85°	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.2
-86.25°	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
-87.5°	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4
-88.75°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**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°	4.9	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4	5.4
87.5°	9.8	10.0	10.2	10.3	10.5	10.6	10.7	10.7	10.8	10.8	10.8
86.25°	16.8	17.0	17.2	17.5	17.7	17.9	17.9	18.0	18.0	18.1	18.1
85°	24.0	24.3	24.6	24.8	25.0	25.3	25.3	25.4	25.4	25.4	25.4
83.75°	33.1	33.4	33.6	33.9	34.1	34.2	34.4	34.6	34.7	34.8	34.9
82.5°	42.8	43.0	43.2	43.3	43.4	43.5	43.7	44.0	44.2	44.4	44.5
81.25°	53.1	53.4	53.7	53.9	54.1	54.2	54.5	54.9	55.2	55.5	55.7
80°	64.0	64.3	64.6	64.9	65.1	65.3	65.7	66.1	66.4	66.8	67.0
78.75°	75.4	76.0	76.4	76.8	77.2	77.5	77.9	78.4	78.7	79.1	79.3
77.5°	87.8	88.4	88.9	89.3	89.7	90.0	90.5	90.9	91.2	91.5	91.8
76.25°	99.9	100.5	101.0	101.5	101.9	102.3	102.8	103.2	103.6	103.9	104.1
75°	111.2	112.0	112.7	113.3	113.9	114.5	115.0	115.5	115.9	116.2	116.5
73.75°	122.7	123.7	124.5	125.3	125.8	126.3	126.8	127.3	127.8	128.2	128.6
72.5°	135.5	136.3	136.9	137.4	137.7	137.9	138.3	139.0	139.6	140.1	140.6
71.25°	148.3	148.9	149.2	149.5	149.7	149.8	150.1	150.9	151.7	152.3	152.9
70°	159.9	160.5	160.9	161.3	161.6	161.8	162.1	163.0	163.8	164.6	165.2
68.75°	171.5	172.1	172.7	173.3	173.8	174.2	174.8	175.6	176.3	176.8	177.2
67.5°	182.9	183.9	184.8	185.7	186.5	187.3	188.0	188.5	188.9	189.1	189.2
66.25°	194.3	195.6	196.9	197.9	198.5	199.0	199.2	199.3	199.4	199.5	199.5
65°	205.5	206.5	207.3	207.7	208.0	208.0	207.8	208.2	208.6	209.0	209.4
63.75°	216.7	217.3	217.7	217.7	217.7	217.7	217.7	218.6	219.6	220.5	221.2
62.5°	226.9	227.3	227.7	228.2	228.7	229.3	229.8	230.8	231.9	232.9	233.8
61.25°	235.8	236.7	237.6	238.6	239.6	239.8	239.8	240.1	240.6	241.1	241.6
60°	244.2	244.9	245.5	245.7	245.8	245.6	245.2	245.3	246.0	246.7	247.4
58.75°	251.7	252.2	252.4	252.3	252.0	251.6	251.4	251.6	252.8	253.8	254.6
57.5°	259.5	259.7	260.0	260.1	260.2	260.2	260.1	260.1	261.1	261.9	262.5
56.25°	267.2	267.6	268.0	268.3	268.5	268.7	268.7	268.6	269.4	270.1	270.6
55°	274.8	275.3	275.5	275.8	276.1	276.4	276.7	277.0	277.6	278.2	278.6
53.75°	281.0	281.5	282.0	282.6	283.3	283.9	284.5	284.6	284.8	284.9	284.9
52.5°	287.0	287.5	288.2	288.7	289.2	289.5	289.7	289.8	290.0	290.1	290.2
51.25°	292.3	292.8	293.4	294.0	294.4	294.7	295.0	295.0	295.1	295.3	295.4
50°	297.2	298.0	298.7	299.1	299.4	299.7	299.9	300.0	300.1	300.5	300.8
48.75°	301.8	302.7	303.3	303.8	304.2	304.5	304.8	304.8	304.5	304.7	305.1
47.5°	306.4	307.3	308.0	308.5	308.7	308.7	308.3	307.8	307.0	307.7	308.5
46.25°	310.9	311.7	312.7	313.0	312.9	312.5	311.9	311.0	310.2	311.1	312.3
45°	314.6	315.8	317.1	317.7	317.1	316.4	315.9	315.4	315.0	315.5	316.5
43.75°	318.0	319.2	320.3	320.9	320.4	320.1	319.9	319.7	319.1	318.4	318.5
42.5°	320.1	321.3	322.5	323.8	323.5	322.5	321.4	320.1	318.7	317.5	317.9
41.25°	321.9	323.2	324.2	324.8	324.2	322.9	321.5	320.0	318.3	317.6	318.8
40°	323.6	324.6	325.2	325.5	325.0	324.0	323.3	322.8	322.3	321.8	322.4
38.75°	325.6	326.3	326.6	326.9	327.4	326.9	326.5	326.2	326.1	325.4	325.1
37.5°	327.5	327.7	328.0	328.6	329.4	329.6	328.7	327.9	326.9	326.0	325.6
36.25°	328.3	328.6	329.2	329.7	330.2	330.4	329.5	328.6	327.6	326.5	326.0
35°	328.7	328.9	329.0	329.5	330.2	331.2	330.2	329.1	328.1	327.3	326.5



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	327.9	327.9	328.2	328.9	329.8	330.6	330.3	329.4	328.6	327.9	326.8
32.5°	326.6	326.6	327.3	328.1	329.0	329.8	330.3	328.9	327.5	326.4	325.3
31.25°	325.5	325.7	326.5	327.3	328.0	328.3	328.3	327.0	325.8	324.7	324.3
30°	324.8	325.1	325.6	326.3	326.6	326.5	326.1	325.6	325.4	325.5	325.9
28.75°	324.0	324.4	325.0	325.4	325.4	325.1	325.1	325.6	325.8	326.4	327.2
27.5°	323.1	323.5	324.3	324.4	323.6	323.4	323.9	325.0	325.2	325.0	324.5
26.25°	321.9	322.4	322.2	321.6	321.1	321.3	322.2	323.2	323.6	323.0	322.1
25°	320.3	320.1	319.6	318.8	318.7	319.7	320.5	321.4	321.7	320.3	319.0
23.75°	318.3	318.0	317.4	317.2	317.4	318.1	318.3	317.8	317.6	316.8	315.7
22.5°	316.6	316.2	315.8	315.7	316.0	314.9	314.1	313.6	313.3	314.4	314.1
21.25°	314.7	314.4	314.0	313.8	313.1	311.5	309.8	310.8	312.1	313.2	313.2
20°	312.6	312.3	312.2	312.1	311.0	309.4	308.9	309.8	311.0	311.6	311.4
18.75°	310.7	310.3	310.6	311.2	310.2	309.5	309.1	308.8	308.6	308.6	308.7
17.5°	308.6	308.1	308.3	309.5	310.1	309.5	308.4	306.6	305.5	305.5	306.1
16.25°	305.9	305.2	305.7	307.2	308.7	308.6	306.9	304.9	303.2	303.8	304.4
15°	303.4	302.0	303.4	304.8	306.0	306.7	305.7	303.9	302.7	302.4	302.9
13.75°	301.4	301.1	300.9	302.4	303.6	304.2	304.1	302.7	301.6	301.0	301.0
12.5°	300.7	300.7	300.6	300.7	301.6	302.0	301.6	300.8	300.3	299.6	298.4
11.25°	300.4	300.5	300.4	300.3	300.3	300.1	299.8	299.5	299.4	298.6	297.4
10°	299.4	300.3	299.9	299.7	299.3	298.9	298.6	298.4	298.2	299.3	298.0
8.75°	297.3	298.1	298.7	298.8	298.3	297.9	297.7	297.3	297.4	298.4	299.9
7.5°	295.0	295.3	295.7	296.9	297.3	297.2	297.1	296.8	296.5	296.7	296.7
6.25°	292.4	292.4	293.2	295.6	296.8	296.4	296.4	296.6	296.4	295.3	293.1
5°	290.1	290.0	291.6	294.9	296.1	295.2	295.0	295.5	296.1	296.0	294.2
3.75°	288.2	288.6	290.7	293.6	294.2	293.6	293.5	293.9	295.0	296.2	296.5
2.5°	286.4	287.4	289.3	291.7	291.8	291.5	292.0	292.5	294.0	296.2	297.3
1.25°	284.1	285.1	286.9	288.7	289.2	289.5	290.4	291.3	292.2	293.3	294.1
0°	281.2	281.6	282.7	283.8	285.0	286.2	286.9	287.5	288.3	289.0	289.7
-1.25°	280.3	282.0	282.8	283.6	284.9	286.1	287.1	287.8	289.0	290.3	291.3
-2.5°	278.9	281.3	281.9	282.4	283.5	284.9	285.5	285.9	287.1	288.5	290.8
-3.75°	276.9	279.6	280.5	280.7	281.8	283.4	284.1	284.5	286.1	288.7	290.8
-5°	274.6	277.5	279.1	279.3	280.3	281.9	283.1	284.1	285.8	288.1	289.6
-6.25°	272.1	275.2	277.6	278.3	279.4	280.7	281.7	283.2	284.6	285.9	286.7
-7.5°	269.9	272.8	275.5	276.8	278.3	279.3	280.5	282.4	283.4	283.7	282.5
-8.75°	268.1	270.4	272.8	274.5	275.4	276.5	278.3	281.2	282.0	281.6	280.5
-10°	266.1	267.8	269.3	270.7	271.7	272.8	274.7	277.4	280.4	279.9	279.2
-11.25°	263.3	264.3	265.5	266.7	267.7	269.0	270.4	272.7	275.5	277.9	277.0
-12.5°	260.2	261.1	261.7	262.7	264.1	265.6	266.8	267.7	271.3	273.8	274.2
-13.75°	257.0	257.9	258.3	259.9	261.4	262.4	263.4	265.4	268.6	271.4	271.7
-15°	252.4	255.1	256.4	257.7	259.0	259.9	260.8	262.9	265.7	268.8	270.0
-16.25°	248.0	251.7	254.4	255.6	256.8	257.6	258.5	259.8	261.9	264.5	266.3
-17.5°	243.9	247.5	251.1	253.4	254.2	254.8	255.6	256.7	258.2	260.5	262.6
-18.75°	240.4	243.1	246.6	249.7	250.9	251.3	252.0	252.9	253.9	255.5	257.7
-20°	236.6	238.9	241.8	244.2	246.1	247.3	247.7	248.8	249.2	249.5	251.4
-21.25°	232.1	234.2	236.7	239.0	240.8	242.2	243.6	245.2	246.0	246.0	246.9



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	227.0	229.4	231.9	234.0	235.8	237.2	239.5	241.5	243.2	243.7	243.9
-23.75°	222.4	224.8	227.1	229.2	230.9	233.0	235.5	237.5	239.2	239.9	239.8
-25°	217.8	220.1	222.3	224.4	226.2	228.3	230.7	233.1	235.3	235.5	235.3
-26.25°	213.3	215.3	217.3	219.3	221.4	223.3	225.3	227.4	229.3	230.3	230.7
-27.5°	208.6	210.3	212.2	214.4	216.7	218.6	220.1	221.3	223.0	224.3	225.1
-28.75°	203.4	205.1	206.7	209.3	212.0	214.1	215.8	217.0	217.7	218.6	219.6
-30°	197.7	199.6	201.5	204.1	206.6	209.0	211.2	212.3	212.5	212.8	213.3
-31.25°	192.3	194.3	196.5	198.8	201.1	203.3	205.4	206.4	206.8	206.8	206.6
-32.5°	185.3	189.1	191.3	193.4	195.5	197.5	199.4	200.4	201.0	201.3	201.1
-33.75°	177.0	181.1	184.7	187.8	189.7	191.5	192.8	193.9	194.9	195.9	196.1
-35°	169.8	173.4	177.0	180.2	182.9	185.1	186.0	186.8	187.4	188.1	188.6
-36.25°	164.4	166.8	169.7	172.9	175.7	177.7	178.6	179.3	179.8	180.2	180.6
-37.5°	158.4	160.3	162.5	165.2	168.2	170.2	170.9	171.5	171.9	172.1	172.6
-38.75°	149.9	152.3	154.8	156.9	159.1	160.6	161.9	162.9	163.7	164.0	164.6
-40°	140.6	142.3	144.4	146.7	149.1	150.9	152.0	152.9	153.6	154.0	154.6
-41.25°	130.4	131.8	133.2	134.9	135.9	137.1	138.8	141.0	143.4	143.7	143.3
-42.5°	119.3	120.1	121.1	122.3	121.8	121.6	121.9	122.5	123.4	124.7	126.4
-43.75°	107.9	108.0	108.3	108.8	108.8	108.1	106.6	104.4	102.7	103.6	106.1
-45°	97.0	97.3	96.7	96.1	96.4	96.3	95.5	94.1	92.1	91.6	92.2
-46.25°	86.7	87.6	87.7	87.4	87.0	86.3	85.4	84.3	83.0	83.1	83.7
-47.5°	79.7	79.7	79.5	78.8	78.4	77.7	76.9	75.8	74.5	74.9	75.2
-48.75°	73.2	73.2	72.9	72.1	71.1	70.0	68.7	67.4	66.4	66.7	66.8
-50°	66.9	66.8	66.3	65.6	64.6	63.5	62.3	60.9	59.8	59.7	59.5
-51.25°	60.8	60.5	59.7	58.9	57.9	57.0	55.9	54.6	53.8	53.6	53.4
-52.5°	54.2	53.9	53.1	52.1	51.0	49.9	48.7	47.4	46.8	46.7	46.5
-53.75°	47.1	46.4	45.4	44.4	43.5	42.5	41.5	40.0	39.4	39.0	38.5
-55°	40.0	38.7	37.3	36.0	34.7	33.3	32.0	30.6	30.5	30.3	29.9
-56.25°	33.0	31.7	30.1	28.3	26.4	24.2	22.3	20.7	20.9	20.9	20.7
-57.5°	25.9	24.8	23.5	22.0	20.3	18.3	16.2	14.3	13.9	13.4	12.9
-58.75°	21.3	19.8	18.1	16.3	14.5	12.6	10.8	9.3	8.9	8.4	7.8
-60°	16.9	15.4	13.8	12.1	10.3	8.5	6.5	5.3	4.9	4.4	3.7
-61.25°	14.3	12.5	10.6	8.5	6.3	4.5	2.6	1.9	2.0	1.9	1.7
-62.5°	12.4	10.9	9.2	7.5	5.6	3.6	1.5	0.7	0.6	0.5	0.3
-63.75°	11.4	9.8	8.2	6.6	5.0	3.3	1.5	1.0	0.8	0.7	0.5
-65°	10.9	9.5	8.0	6.4	4.9	3.3	1.6	1.3	1.1	0.8	0.6
-66.25°	10.4	9.1	7.7	6.3	4.8	3.3	1.8	1.6	1.3	1.0	0.8
-67.5°	9.6	8.4	7.2	5.9	4.6	3.3	2.0	1.7	1.5	1.2	0.9
-68.75°	9.0	7.9	6.7	5.6	4.4	3.1	2.1	1.8	1.5	1.2	0.9
-70°	8.3	7.3	6.2	5.1	4.0	2.9	2.1	1.8	1.5	1.2	0.9
-71.25°	7.6	6.7	5.7	4.7	3.7	2.7	2.0	1.7	1.4	1.2	0.9
-72.5°	6.9	6.0	5.2	4.3	3.4	2.4	1.8	1.6	1.3	1.1	0.8
-73.75°	6.1	5.4	4.6	3.8	3.0	2.2	1.7	1.4	1.2	1.0	0.8
-75°	5.5	4.8	4.1	3.4	2.7	1.9	1.5	1.3	1.1	0.9	0.7
-76.25°	4.9	4.2	3.6	3.0	2.3	1.7	1.3	1.1	1.0	0.8	0.6
-77.5°	4.2	3.7	3.1	2.6	2.0	1.4	1.1	1.0	0.8	0.7	0.5



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	3.6	3.1	2.7	2.2	1.7	1.2	0.9	0.8	0.7	0.6	0.4
-80°	3.0	2.6	2.2	1.8	1.4	0.9	0.8	0.7	0.6	0.5	0.3
-81.25°	2.4	2.1	1.8	1.4	1.1	0.8	0.6	0.6	0.5	0.4	0.3
-82.5°	1.9	1.7	1.4	1.1	0.9	0.6	0.5	0.4	0.4	0.3	0.2
-83.75°	1.5	1.3	1.1	0.9	0.7	0.5	0.4	0.4	0.3	0.2	0.2
-85°	1.1	1.0	0.8	0.7	0.5	0.4	0.3	0.3	0.2	0.2	0.1
-86.25°	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
-87.5°	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-88.75°	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-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°	5.4	5.4	5.4	5.5	5.6	5.6	5.7	5.6	5.6	5.5	5.4
87.5°	10.8	10.8	10.9	11.0	11.1	11.3	11.4	11.3	11.1	11.0	10.9
86.25°	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
85°	25.4	25.3	25.3	25.2	25.1	24.9	24.8	24.9	25.1	25.2	25.3
83.75°	35.0	35.0	35.1	35.0	35.0	34.9	34.8	34.9	35.0	35.0	35.1
82.5°	44.7	44.8	44.9	44.9	44.8	44.8	44.7	44.8	44.8	44.9	44.9
81.25°	55.9	56.1	56.2	56.4	56.5	56.7	56.8	56.7	56.5	56.4	56.2
80°	67.2	67.4	67.6	67.9	68.3	68.5	68.8	68.5	68.3	67.9	67.6
78.75°	79.5	79.7	79.8	80.0	80.2	80.4	80.5	80.4	80.2	80.0	79.8
77.5°	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.0
76.25°	104.3	104.4	104.4	104.6	104.7	104.7	104.7	104.7	104.7	104.6	104.4
75°	116.7	116.8	116.9	117.0	117.2	117.2	117.2	117.2	117.2	117.0	116.9
73.75°	128.9	129.1	129.2	129.6	130.0	130.3	130.5	130.3	130.0	129.6	129.2
72.5°	141.0	141.3	141.5	142.2	142.8	143.3	143.8	143.3	142.8	142.2	141.5
71.25°	153.3	153.7	154.0	154.6	155.2	155.6	156.1	155.6	155.2	154.6	154.0
70°	165.7	166.1	166.4	167.0	167.5	168.0	168.3	168.0	167.5	167.0	166.4
68.75°	177.4	177.5	177.4	177.7	178.1	178.3	178.5	178.3	178.1	177.7	177.4
67.5°	189.0	188.8	188.4	188.4	188.6	188.7	188.7	188.7	188.6	188.4	188.4
66.25°	199.5	199.4	199.2	199.6	200.2	200.7	201.1	200.7	200.2	199.6	199.2
65°	209.6	209.9	210.0	210.7	211.7	212.6	213.4	212.6	211.7	210.7	210.0
63.75°	221.9	222.4	222.7	223.1	223.5	223.7	223.7	223.7	223.5	223.1	222.7
62.5°	234.5	235.1	235.6	235.6	235.3	234.7	234.0	234.7	235.3	235.6	235.6
61.25°	242.0	242.4	242.7	243.0	243.1	243.3	243.3	243.3	243.1	243.0	242.7
60°	248.1	248.7	249.2	250.0	250.9	251.8	252.6	251.8	250.9	250.0	249.2
58.75°	255.3	255.9	256.3	257.0	258.1	259.1	260.1	259.1	258.1	257.0	256.3
57.5°	263.0	263.3	263.5	264.0	265.3	266.4	267.5	266.4	265.3	264.0	263.5
56.25°	270.9	271.1	271.2	271.6	272.8	273.9	274.9	273.9	272.8	271.6	271.2
55°	278.9	279.1	279.0	279.3	280.4	281.3	282.2	281.3	280.4	279.3	279.0
53.75°	284.9	284.8	284.5	284.6	285.6	286.6	287.5	286.6	285.6	284.6	284.5
52.5°	290.1	290.0	289.7	289.7	290.8	291.8	292.7	291.8	290.8	289.7	289.7
51.25°	295.5	295.5	295.5	295.3	295.2	295.0	294.6	295.0	295.2	295.3	295.5
50°	301.0	301.2	301.3	301.2	299.8	298.2	296.5	298.2	299.8	301.2	301.3
48.75°	305.5	306.0	306.4	306.8	303.7	300.3	296.8	300.3	303.7	306.8	306.4
47.5°	309.5	310.4	311.4	312.4	307.7	302.4	297.1	302.4	307.7	312.4	311.4
46.25°	313.4	314.3	315.1	315.8	312.2	308.1	303.9	308.1	312.2	315.8	315.1
45°	317.3	318.0	318.5	319.0	316.6	313.7	310.7	313.7	316.6	319.0	318.5
43.75°	318.7	319.0	319.3	319.7	316.8	312.8	308.8	312.8	316.8	319.7	319.3
42.5°	318.3	318.9	319.5	320.1	316.9	311.8	306.8	311.8	316.9	320.1	319.5
41.25°	319.9	320.6	321.3	321.7	319.5	315.9	312.3	315.9	319.5	321.7	321.3
40°	323.0	323.4	323.5	323.5	322.2	319.9	317.7	319.9	322.2	323.5	323.5
38.75°	325.2	325.5	325.9	326.4	325.9	324.5	323.0	324.5	325.9	326.4	325.9
37.5°	326.3	327.2	328.2	329.3	329.6	329.0	328.2	329.0	329.6	329.3	328.2
36.25°	326.8	327.4	327.8	328.2	328.3	328.2	328.2	328.2	328.3	328.2	327.8
35°	326.8	326.9	326.8	326.6	326.7	327.4	328.2	327.4	326.7	326.6	326.8



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°
33.75°	326.4	326.4	326.7	327.2	327.2	325.3	323.2	325.3	327.2
32.5°	325.1	325.8	326.8	327.9	328.3	323.3	318.2	323.3	328.3
31.25°	324.8	326.2	327.4	328.4	328.9	324.9	321.0	324.9	328.9
30°	326.6	327.6	328.4	328.9	329.4	326.5	323.7	326.5	329.4
28.75°	327.0	326.7	326.5	326.5	326.6	324.3	322.0	324.3	326.6
27.5°	323.9	323.5	323.4	323.4	323.6	322.0	320.2	322.0	323.6
26.25°	321.0	320.4	320.5	320.9	321.4	320.0	318.1	320.0	321.4
25°	318.0	317.4	317.8	318.5	319.3	318.1	316.0	318.1	319.3
23.75°	315.1	314.8	315.2	315.6	315.9	313.8	310.3	313.8	315.9
22.5°	313.7	313.2	312.9	312.7	312.4	309.6	304.6	309.6	312.4
21.25°	312.5	311.7	311.3	311.5	311.8	310.3	306.6	310.3	311.8
20°	310.5	310.1	310.0	310.6	311.4	311.0	308.5	311.0	311.4
18.75°	308.3	308.2	308.1	308.8	309.7	308.9	303.3	308.9	309.7
17.5°	306.5	306.3	306.0	306.6	307.8	307.0	298.0	307.0	307.8
16.25°	304.8	304.6	304.6	304.8	305.5	305.2	299.9	305.2	305.5
15°	303.9	304.7	304.2	303.5	303.3	302.9	301.7	302.9	303.3
13.75°	302.7	305.2	303.7	302.1	302.3	303.1	300.3	303.1	302.3
12.5°	299.9	302.4	302.6	300.8	301.2	303.2	298.9	303.2	301.2
11.25°	295.8	298.7	301.4	299.7	299.9	301.9	295.0	301.9	299.9
10°	294.6	295.6	298.3	298.2	298.6	300.5	291.0	300.5	298.6
8.75°	296.8	295.0	296.1	297.2	297.6	299.4	293.0	299.4	297.6
7.5°	297.4	296.0	294.2	297.5	297.6	298.2	295.0	298.2	297.6
6.25°	294.2	297.1	294.1	294.4	298.0	297.2	291.9	297.2	298.0
5°	293.3	295.1	298.6	293.7	297.2	295.8	288.8	295.8	297.2
3.75°	296.2	295.3	295.1	302.0	293.0	294.9	288.6	294.9	293.0
2.5°	297.3	296.0	296.3	293.4	298.6	291.9	288.4	291.9	298.6
1.25°	295.0	293.3	288.5	292.0	294.7	295.0	290.8	295.0	294.7
0°	290.3	291.8	293.2	294.2	295.2	294.2	293.2	294.2	295.2
-1.25°	292.7	292.9	291.1	293.5	294.4	290.6	293.9	290.6	294.4
-2.5°	292.6	292.2	293.0	293.5	290.3	291.8	294.7	291.8	290.3
-3.75°	290.9	291.2	291.9	291.0	291.8	289.2	293.4	289.2	291.8
-5°	289.5	288.9	288.7	291.0	285.9	289.7	292.1	289.7	285.9
-6.25°	284.1	282.9	287.5	289.0	286.9	288.5	290.3	288.5	286.9
-7.5°	278.9	281.3	285.4	285.6	286.0	288.2	288.6	288.2	286.0
-8.75°	279.8	281.4	281.6	282.1	283.6	284.8	286.6	284.8	283.6
-10°	279.0	279.8	280.3	281.0	281.9	281.1	284.7	281.1	281.9
-11.25°	276.7	278.0	279.9	280.7	281.5	281.8	281.8	281.8	281.5
-12.5°	273.2	273.5	275.9	278.4	280.4	282.4	278.9	282.4	280.4
-13.75°	270.2	268.1	271.2	274.0	275.2	276.0	276.1	276.0	275.2
-15°	269.0	268.2	268.9	270.1	269.9	269.7	273.3	269.7	269.9
-16.25°	267.4	267.4	267.0	267.0	266.7	266.8	270.5	266.8	266.7
-17.5°	263.9	264.4	264.4	264.1	263.6	263.9	267.8	263.9	263.6
-18.75°	260.3	261.4	261.8	261.6	261.3	261.4	263.1	261.4	261.3
-20°	254.6	256.9	258.3	258.5	258.5	258.5	258.4	258.5	258.5
-21.25°	249.4	252.3	253.5	253.2	252.8	253.0	253.9	253.0	252.8





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

3.75°	5°		-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°
327.2	326.7	-22.5°	244.9	246.7	247.8	247.8	247.1	247.6	249.4	247.6	247.1
327.9	326.8	-23.75°	239.5	239.9	241.3	242.2	242.6	243.6	245.0	243.6	242.6
328.4	327.4	-25°	234.9	234.6	236.0	237.2	238.3	239.5	240.6	239.5	238.3
328.9	328.4	-26.25°	230.4	230.6	231.8	232.9	233.8	234.7	235.5	234.7	233.8
326.5	326.5	-27.5°	225.3	226.2	227.4	228.4	229.2	230.0	230.5	230.0	229.2
323.4	323.4	-28.75°	220.3	221.4	222.5	223.5	224.2	224.7	224.9	224.7	224.2
320.9	320.5	-30°	214.0	215.9	217.4	218.5	219.2	219.4	219.3	219.4	219.2
318.5	317.8	-31.25°	207.4	209.8	211.7	213.3	214.5	214.9	215.0	214.9	214.5
315.6	315.2	-32.5°	202.0	203.9	205.9	207.9	209.6	210.3	210.8	210.3	209.6
312.7	312.9	-33.75°	196.9	198.1	199.3	200.5	201.6	202.4	203.0	202.4	201.6
311.5	311.3	-35°	190.0	191.1	192.1	192.8	193.5	194.5	195.2	194.5	193.5
310.6	310.0	-36.25°	181.7	182.7	183.5	184.0	184.6	185.6	186.3	185.6	184.6
308.8	308.1	-37.5°	173.5	174.3	174.8	175.2	175.8	176.8	177.5	176.8	175.8
306.6	306.0	-38.75°	165.4	166.0	166.4	166.6	166.9	167.5	167.7	167.5	166.9
304.8	304.6	-40°	155.3	156.0	156.7	157.2	157.7	158.0	158.0	158.0	157.7
303.5	304.2	-41.25°	142.9	142.6	142.2	141.6	141.2	140.8	140.1	140.8	141.2
302.1	303.7	-42.5°	127.3	127.4	126.9	125.7	124.8	123.6	122.1	123.6	124.8
300.8	302.6	-43.75°	107.8	108.8	109.2	109.0	109.0	108.6	108.0	108.6	109.0
299.7	301.4	-45°	92.7	93.1	93.2	93.2	93.5	93.8	93.8	93.8	93.5
298.2	298.3	-46.25°	84.0	84.2	84.3	84.1	84.3	84.4	84.3	84.4	84.3
297.2	296.1	-47.5°	75.4	75.4	75.3	75.0	75.1	75.0	74.7	75.0	75.1
297.5	294.2	-48.75°	66.8	66.7	66.5	66.1	66.9	67.5	68.0	67.5	66.9
294.4	294.1	-50°	59.1	58.6	58.0	57.5	58.8	60.1	61.3	60.1	58.8
293.7	298.6	-51.25°	53.1	52.6	52.0	51.5	52.4	53.1	53.7	53.1	52.4
302.0	295.1	-52.5°	46.3	46.0	45.6	45.3	45.8	46.1	46.2	46.1	45.8
293.4	296.3	-53.75°	38.0	37.4	36.6	36.1	36.2	36.3	36.2	36.3	36.2
292.0	288.5	-55°	29.4	28.6	27.7	26.9	26.8	26.5	26.1	26.5	26.8
294.2	293.2	-56.25°	20.3	19.7	19.0	18.5	18.7	18.6	18.5	18.6	18.7
293.5	291.1	-57.5°	12.3	11.6	10.8	10.4	10.6	10.8	10.9	10.8	10.6
293.5	293.0	-58.75°	7.2	6.5	5.7	5.4	5.6	5.7	5.7	5.7	5.6
291.0	291.9	-60°	2.9	2.0	1.1	0.6	0.6	0.6	0.6	0.6	0.6
291.0	288.7	-61.25°	1.4	1.0	0.5	0.3	0.3	0.3	0.3	0.3	0.3
289.0	287.5	-62.5°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.6	285.4	-63.75°	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
282.1	281.6	-65°	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
281.0	280.3	-66.25°	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
280.7	279.9	-67.5°	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
278.4	275.9	-68.75°	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
274.0	271.2	-70°	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
270.1	268.9	-71.25°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
267.0	267.0	-72.5°	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.1	264.4	-73.75°	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.6	261.8	-75°	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.5	258.3	-76.25°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
253.2	253.5	-77.5°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

3.75°	5°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
0.0	0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	88.75°	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2
0.0	0.0	87.5°	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.6	10.5
0.0	0.0	86.25°	18.1	18.1	18.1	18.1	18.0	18.0	17.9	17.9	17.7
0.0	0.0	85°	25.3	25.4	25.4	25.4	25.4	25.4	25.3	25.3	25.0
0.0	0.0	83.75°	35.0	35.0	34.9	34.8	34.7	34.6	34.4	34.2	34.1
0.0	0.0	82.5°	44.8	44.7	44.5	44.4	44.2	44.0	43.7	43.5	43.4
0.0	0.0	81.25°	56.1	55.9	55.7	55.5	55.2	54.9	54.5	54.2	54.1
0.0	0.0	80°	67.4	67.2	67.0	66.8	66.4	66.1	65.7	65.3	65.1
0.0	0.0	78.75°	79.7	79.5	79.3	79.1	78.7	78.4	77.9	77.5	77.2
		77.5°	92.0	91.9	91.8	91.5	91.2	90.9	90.5	90.0	89.7
		76.25°	104.4	104.3	104.1	103.9	103.6	103.2	102.8	102.3	101.9
		75°	116.8	116.7	116.5	116.2	115.9	115.5	115.0	114.5	113.9
		73.75°	129.1	128.9	128.6	128.2	127.8	127.3	126.8	126.3	125.8
		72.5°	141.3	141.0	140.6	140.1	139.6	139.0	138.3	137.9	137.7
		71.25°	153.7	153.3	152.9	152.3	151.7	150.9	150.1	149.8	149.7
		70°	166.1	165.7	165.2	164.6	163.8	163.0	162.1	161.8	161.6
		68.75°	177.5	177.4	177.2	176.8	176.3	175.6	174.8	174.2	173.8
		67.5°	188.8	189.0	189.2	189.1	188.9	188.5	188.0	187.3	186.5
		66.25°	199.4	199.5	199.5	199.5	199.4	199.3	199.2	199.0	198.5
		65°	209.9	209.6	209.4	209.0	208.6	208.2	207.8	208.0	208.0
		63.75°	222.4	221.9	221.2	220.5	219.6	218.6	217.7	217.7	217.7
		62.5°	235.1	234.5	233.8	232.9	231.9	230.8	229.8	229.3	228.7
		61.25°	242.4	242.0	241.6	241.1	240.6	240.1	239.8	239.8	239.6
		60°	248.7	248.1	247.4	246.7	246.0	245.3	245.2	245.6	245.8
		58.75°	255.9	255.3	254.6	253.8	252.8	251.6	251.4	251.6	252.0
		57.5°	263.3	263.0	262.5	261.9	261.1	260.1	260.1	260.2	260.2
		56.25°	271.1	270.9	270.6	270.1	269.4	268.6	268.7	268.7	268.5
		55°	279.1	278.9	278.6	278.2	277.6	277.0	276.7	276.4	276.1
		53.75°	284.8	284.9	284.9	284.9	284.8	284.6	284.5	283.9	283.3
		52.5°	290.0	290.1	290.2	290.1	290.0	289.8	289.7	289.5	289.2
		51.25°	295.5	295.5	295.4	295.3	295.1	295.0	295.0	294.7	294.4
		50°	301.2	301.0	300.8	300.5	300.1	300.0	299.9	299.7	299.4
		48.75°	306.0	305.5	305.1	304.7	304.5	304.8	304.8	304.5	304.2
		47.5°	310.4	309.5	308.5	307.7	307.0	307.8	308.3	308.7	308.7
		46.25°	314.3	313.4	312.3	311.1	310.2	311.0	311.9	312.5	312.9
		45°	318.0	317.3	316.5	315.5	315.0	315.4	315.9	316.4	317.1
		43.75°	319.0	318.7	318.5	318.4	319.1	319.7	319.9	320.1	320.4
		42.5°	318.9	318.3	317.9	317.5	318.7	320.1	321.4	322.5	323.5
		41.25°	320.6	319.9	318.8	317.6	318.3	320.0	321.5	322.9	324.2
		40°	323.4	323.0	322.4	321.8	322.3	322.8	323.3	324.0	325.0
		38.75°	325.5	325.2	325.1	325.4	326.1	326.2	326.5	326.9	327.4
		37.5°	327.2	326.3	325.6	326.0	326.9	327.9	328.7	329.6	329.4
		36.25°	327.4	326.8	326.0	326.5	327.6	328.6	329.5	330.4	330.2
		35°	326.9	326.8	326.5	327.3	328.1	329.1	330.2	331.2	330.2

REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
0.0	0.0	33.75°	326.4	326.4	326.8	327.9	328.6	329.4	330.3	330.6	329.8
5.2	5.1	32.5°	325.8	325.1	325.3	326.4	327.5	328.9	330.3	329.8	329.0
10.3	10.2	31.25°	326.2	324.8	324.3	324.7	325.8	327.0	328.3	328.3	328.0
17.5	17.2	30°	327.6	326.6	325.9	325.5	325.4	325.6	326.1	326.5	326.6
24.8	24.6	28.75°	326.7	327.0	327.2	326.4	325.8	325.6	325.1	325.1	325.4
33.9	33.6	27.5°	323.5	323.9	324.5	325.0	325.2	325.0	323.9	323.4	323.6
43.3	43.2	26.25°	320.4	321.0	322.1	323.0	323.6	323.2	322.2	321.3	321.1
53.9	53.7	25°	317.4	318.0	319.0	320.3	321.7	321.4	320.5	319.7	318.7
64.9	64.6	23.75°	314.8	315.1	315.7	316.8	317.6	317.8	318.3	318.1	317.4
76.8	76.4	22.5°	313.2	313.7	314.1	314.4	313.3	313.6	314.1	314.9	316.0
89.3	88.9	21.25°	311.7	312.5	313.2	313.2	312.1	310.8	309.8	311.5	313.1
101.5	101.0	20°	310.1	310.5	311.4	311.6	311.0	309.8	308.9	309.4	311.0
113.3	112.7	18.75°	308.2	308.3	308.7	308.6	308.6	308.8	309.1	309.5	310.2
125.3	124.5	17.5°	306.3	306.5	306.1	305.5	305.5	306.6	308.4	309.5	310.1
137.4	136.9	16.25°	304.6	304.8	304.4	303.8	303.2	304.9	306.9	308.6	308.7
149.5	149.2	15°	304.7	303.9	302.9	302.4	302.7	303.9	305.7	306.7	306.0
161.3	160.9	13.75°	305.2	302.7	301.0	301.0	301.6	302.7	304.1	304.2	303.6
173.3	172.7	12.5°	302.4	299.9	298.4	299.6	300.3	300.8	301.6	302.0	301.6
185.7	184.8	11.25°	298.7	295.8	297.4	298.6	299.4	299.5	299.8	300.1	300.3
197.9	196.9	10°	295.6	294.6	298.0	299.3	298.2	298.4	298.6	298.9	299.3
207.7	207.3	8.75°	295.0	296.8	299.9	298.4	297.4	297.3	297.7	297.9	298.3
217.7	217.7	7.5°	296.0	297.4	296.7	296.7	296.5	296.8	297.1	297.2	297.3
228.2	227.7	6.25°	297.1	294.2	293.1	295.3	296.4	296.6	296.4	296.4	296.8
238.6	237.6	5°	295.1	293.3	294.2	296.0	296.1	295.5	295.0	295.2	296.1
245.7	245.5	3.75°	295.3	296.2	296.5	296.2	295.0	293.9	293.5	293.6	294.2
252.3	252.4	2.5°	296.0	297.3	297.3	296.2	294.0	292.5	292.0	291.5	291.8
260.1	260.0	1.25°	293.3	295.0	294.1	293.3	292.2	291.3	290.4	289.5	289.2
268.3	268.0	0°	291.8	290.3	289.7	289.0	288.3	287.5	286.9	286.2	285.0
275.8	275.5	-1.25°	292.9	292.7	291.3	290.3	289.0	287.8	287.1	286.1	284.9
282.6	282.0	-2.5°	292.2	292.6	290.8	288.5	287.1	285.9	285.5	284.9	283.5
288.7	288.2	-3.75°	291.2	290.9	290.8	288.7	286.1	284.5	284.1	283.4	281.8
294.0	293.4	-5°	288.9	289.5	289.6	288.1	285.8	284.1	283.1	281.9	280.3
299.1	298.7	-6.25°	282.9	284.1	286.7	285.9	284.6	283.2	281.7	280.7	279.4
303.8	303.3	-7.5°	281.3	278.9	282.5	283.7	283.4	282.4	280.5	279.3	278.3
308.5	308.0	-8.75°	281.4	279.8	280.5	281.6	282.0	281.2	278.3	276.5	275.4
313.0	312.7	-10°	279.8	279.0	279.2	279.9	280.4	277.4	274.7	272.8	271.7
317.7	317.1	-11.25°	278.0	276.7	277.0	277.9	275.5	272.7	270.4	269.0	267.7
320.9	320.3	-12.5°	273.5	273.2	274.2	273.8	271.3	267.7	266.8	265.6	264.1
323.8	322.5	-13.75°	268.1	270.2	271.7	271.4	268.6	265.4	263.4	262.4	261.4
324.8	324.2	-15°	268.2	269.0	270.0	268.8	265.7	262.9	260.8	259.9	259.0
325.5	325.2	-16.25°	267.4	267.4	266.3	264.5	261.9	259.8	258.5	257.6	256.8
326.9	326.6	-17.5°	264.4	263.9	262.6	260.5	258.2	256.7	255.6	254.8	254.2
328.6	328.0	-18.75°	261.4	260.3	257.7	255.5	253.9	252.9	252.0	251.3	250.9
329.7	329.2	-20°	256.9	254.6	251.4	249.5	249.2	248.8	247.7	247.3	246.1
329.5	329.0	-21.25°	252.3	249.4	246.9	246.0	246.0	245.2	243.6	242.2	240.8



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
328.9	328.2	-22.5°	246.7	244.9	243.9	243.7	243.2	241.5	239.5	237.2	235.8
328.1	327.3	-23.75°	239.9	239.5	239.8	239.9	239.2	237.5	235.5	233.0	230.9
327.3	326.5	-25°	234.6	234.9	235.3	235.5	235.3	233.1	230.7	228.3	226.2
326.3	325.6	-26.25°	230.6	230.4	230.7	230.3	229.3	227.4	225.3	223.3	221.4
325.4	325.0	-27.5°	226.2	225.3	225.1	224.3	223.0	221.3	220.1	218.6	216.7
324.4	324.3	-28.75°	221.4	220.3	219.6	218.6	217.7	217.0	215.8	214.1	212.0
321.6	322.2	-30°	215.9	214.0	213.3	212.8	212.5	212.3	211.2	209.0	206.6
318.8	319.6	-31.25°	209.8	207.4	206.6	206.8	206.8	206.4	205.4	203.3	201.1
317.2	317.4	-32.5°	203.9	202.0	201.1	201.3	201.0	200.4	199.4	197.5	195.5
315.7	315.8	-33.75°	198.1	196.9	196.1	195.9	194.9	193.9	192.8	191.5	189.7
313.8	314.0	-35°	191.1	190.0	188.6	188.1	187.4	186.8	186.0	185.1	182.9
312.1	312.2	-36.25°	182.7	181.7	180.6	180.2	179.8	179.3	178.6	177.7	175.7
311.2	310.6	-37.5°	174.3	173.5	172.6	172.1	171.9	171.5	170.9	170.2	168.2
309.5	308.3	-38.75°	166.0	165.4	164.6	164.0	163.7	162.9	161.9	160.6	159.1
307.2	305.7	-40°	156.0	155.3	154.6	154.0	153.6	152.9	152.0	150.9	149.1
304.8	303.4	-41.25°	142.6	142.9	143.3	143.7	143.4	141.0	138.8	137.1	135.9
302.4	300.9	-42.5°	127.4	127.3	126.4	124.7	123.4	122.5	121.9	121.6	121.8
300.7	300.6	-43.75°	108.8	107.8	106.1	103.6	102.7	104.4	106.6	108.1	108.8
300.3	300.4	-45°	93.1	92.7	92.2	91.6	92.1	94.1	95.5	96.3	96.4
299.7	299.9	-46.25°	84.2	84.0	83.7	83.1	83.0	84.3	85.4	86.3	87.0
298.8	298.7	-47.5°	75.4	75.4	75.2	74.9	74.5	75.8	76.9	77.7	78.4
296.9	295.7	-48.75°	66.7	66.8	66.8	66.7	66.4	67.4	68.7	70.0	71.1
295.6	293.2	-50°	58.6	59.1	59.5	59.7	59.8	60.9	62.3	63.5	64.6
294.9	291.6	-51.25°	52.6	53.1	53.4	53.6	53.8	54.6	55.9	57.0	57.9
293.6	290.7	-52.5°	46.0	46.3	46.5	46.7	46.8	47.4	48.7	49.9	51.0
291.7	289.3	-53.75°	37.4	38.0	38.5	39.0	39.4	40.0	41.5	42.5	43.5
288.7	286.9	-55°	28.6	29.4	29.9	30.3	30.5	30.6	32.0	33.3	34.7
283.8	282.7	-56.25°	19.7	20.3	20.7	20.9	20.9	20.7	22.3	24.2	26.4
283.6	282.8	-57.5°	11.6	12.3	12.9	13.4	13.9	14.3	16.2	18.3	20.3
282.4	281.9	-58.75°	6.5	7.2	7.8	8.4	8.9	9.3	10.8	12.6	14.5
280.7	280.5	-60°	2.0	2.9	3.7	4.4	4.9	5.3	6.5	8.5	10.3
279.3	279.1	-61.25°	1.0	1.4	1.7	1.9	2.0	1.9	2.6	4.5	6.3
278.3	277.6	-62.5°	0.1	0.2	0.3	0.5	0.6	0.7	1.5	3.6	5.6
276.8	275.5	-63.75°	0.2	0.3	0.5	0.7	0.8	1.0	1.5	3.3	5.0
274.5	272.8	-65°	0.3	0.4	0.6	0.8	1.1	1.3	1.6	3.3	4.9
270.7	269.3	-66.25°	0.3	0.5	0.8	1.0	1.3	1.6	1.8	3.3	4.8
266.7	265.5	-67.5°	0.4	0.6	0.9	1.2	1.5	1.7	2.0	3.3	4.6
262.7	261.7	-68.75°	0.4	0.6	0.9	1.2	1.5	1.8	2.1	3.1	4.4
259.9	258.3	-70°	0.4	0.7	0.9	1.2	1.5	1.8	2.1	2.9	4.0
257.7	256.4	-71.25°	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.7	3.7
255.6	254.4	-72.5°	0.3	0.6	0.8	1.1	1.3	1.6	1.8	2.4	3.4
253.4	251.1	-73.75°	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.2	3.0
249.7	246.6	-75°	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.9	2.7
244.2	241.8	-76.25°	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.7	2.3
239.0	236.7	-77.5°	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.4	2.0

REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
234.0	231.9	-78.75°	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.2	1.7
229.2	227.1	-80°	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.4
224.4	222.3	-81.25°	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.8	1.1
219.3	217.3	-82.5°	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.9
214.4	212.2	-83.75°	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.7
209.3	206.7	-85°	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5
204.1	201.5	-86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3
198.8	196.5	-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
193.4	191.3	-88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.8	184.7	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.2	177.0										
172.9	169.7										
165.2	162.5										
156.9	154.8										
146.7	144.4										
134.9	133.2										
122.3	121.1										
108.8	108.3										
96.1	96.7										
87.4	87.7										
78.8	79.5										
72.1	72.9										
65.6	66.3										
58.9	59.7										
52.1	53.1										
44.4	45.4										
36.0	37.3										
28.3	30.1										
22.0	23.5										
16.3	18.1										
12.1	13.8										
8.5	10.6										
7.5	9.2										
6.6	8.2										
6.4	8.0										
6.3	7.7										
5.9	7.2										
5.6	6.7										
5.1	6.2										
4.7	5.7										
4.3	5.2										
3.8	4.6										
3.4	4.1										
3.0	3.6										
2.6	3.1										



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
2.2	2.7	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	2.2	88.75°	5.0	4.9	4.8	4.8	4.7	4.6	4.6	4.5	4.5
1.4	1.8	87.5°	10.0	9.8	9.7	9.5	9.3	9.3	9.2	9.1	9.0
1.1	1.4	86.25°	17.0	16.8	16.5	16.3	16.0	15.8	15.6	15.4	15.2
0.9	1.1	85°	24.3	24.0	23.8	23.5	23.1	22.9	22.7	22.5	22.2
0.7	0.8	83.75°	33.4	33.1	32.7	32.3	31.9	31.5	31.0	30.6	30.1
0.4	0.5	82.5°	43.0	42.8	42.5	42.2	41.8	41.2	40.6	40.0	39.3
0.1	0.2	81.25°	53.4	53.1	52.8	52.4	52.0	51.3	50.5	49.6	48.7
0.1	0.1	80°	64.3	64.0	63.6	63.1	62.6	62.0	61.3	60.6	59.7
0.0	0.0	78.75°	76.0	75.4	74.9	74.2	73.5	72.9	72.2	71.5	70.7
		77.5°	88.4	87.8	87.2	86.4	85.7	84.8	84.0	83.0	82.1
		76.25°	100.5	99.9	99.3	98.6	97.8	96.8	95.7	94.7	93.5
		75°	112.0	111.2	110.4	109.5	108.8	108.0	107.1	106.0	104.9
		73.75°	123.7	122.7	121.5	120.5	119.7	119.0	118.2	117.2	116.1
		72.5°	136.3	135.5	134.5	133.4	132.2	131.0	129.8	128.6	127.4
		71.25°	148.9	148.3	147.6	146.6	145.1	143.6	142.1	140.5	138.9
		70°	160.5	159.9	159.3	158.5	157.2	155.7	154.0	152.3	150.4
		68.75°	172.1	171.5	170.7	169.8	168.3	166.8	165.1	163.3	161.4
		67.5°	183.9	182.9	181.9	180.8	179.5	177.9	176.1	174.2	172.2
		66.25°	195.6	194.3	193.0	191.9	190.7	189.2	187.5	185.6	183.5
		65°	206.5	205.5	204.2	203.0	201.9	200.7	199.1	197.3	195.3
		63.75°	217.3	216.7	215.7	214.4	212.9	211.5	210.0	208.6	207.2
		62.5°	227.3	226.9	226.6	225.6	223.8	222.1	220.3	218.5	216.7
		61.25°	236.7	235.8	234.9	233.7	232.4	231.1	229.8	228.3	226.2
		60°	244.9	244.2	243.1	241.7	240.3	238.8	237.3	235.7	234.2
		58.75°	252.2	251.7	250.7	249.4	248.0	246.4	244.8	243.0	241.2
		57.5°	259.7	259.5	258.3	257.0	255.5	253.8	252.1	250.3	248.3
		56.25°	267.6	267.2	266.0	264.7	263.0	261.2	259.4	257.5	255.5
		55°	275.3	274.8	273.8	272.6	271.1	269.3	267.3	264.9	262.6
		53.75°	281.5	281.0	280.6	280.1	279.2	277.5	275.6	273.3	270.5
		52.5°	287.5	287.0	286.5	285.9	285.2	284.4	283.5	281.8	278.5
		51.25°	292.8	292.3	292.0	291.8	291.1	290.2	289.2	288.0	285.4
		50°	298.0	297.2	296.5	296.0	295.7	295.5	295.0	293.0	290.1
		48.75°	302.7	301.8	300.8	299.9	299.3	298.8	298.6	297.1	294.7
		47.5°	307.3	306.4	305.4	304.2	302.9	301.8	301.2	299.6	297.7
		46.25°	311.7	310.9	310.0	308.9	307.6	306.1	304.2	302.4	300.6
		45°	315.8	314.6	313.7	313.0	312.3	310.8	308.5	306.2	303.9
		43.75°	319.2	318.0	316.7	315.6	314.9	314.1	312.5	310.0	307.6
		42.5°	321.3	320.1	319.0	318.0	316.9	315.7	314.4	313.1	311.2
		41.25°	323.2	321.9	320.7	319.6	318.5	317.2	315.8	314.4	313.2
		40°	324.6	323.6	322.3	321.0	320.0	318.8	317.3	315.7	314.3
		38.75°	326.3	325.6	324.4	322.9	321.7	320.7	319.3	317.6	315.4
		37.5°	327.7	327.5	326.9	325.3	323.7	322.6	321.6	320.0	317.9
		36.25°	328.6	328.3	328.2	327.1	325.2	323.8	322.9	322.7	320.7
		35°	328.9	328.7	328.2	327.3	326.0	324.4	323.3	322.8	322.8





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
0.0	0.0	33.75°	327.9	327.9	328.2	327.7	326.6	325.1	323.2	322.5	321.8
4.5	4.4	32.5°	326.6	326.6	326.9	327.3	327.4	326.1	324.3	322.1	321.1
8.9	8.8	31.25°	325.7	325.5	325.5	325.9	326.4	327.1	325.5	323.1	321.0
15.0	14.8	30°	325.1	324.8	324.5	324.5	325.0	325.6	325.7	323.7	321.5
21.9	21.7	28.75°	324.4	324.0	323.8	323.6	323.6	323.7	323.5	323.4	321.8
29.6	29.1	27.5°	323.5	323.1	322.9	322.8	322.6	321.7	321.3	321.2	321.2
38.7	38.0	26.25°	322.4	321.9	321.6	321.8	321.4	320.6	319.4	319.0	319.1
47.8	46.9	25°	320.1	320.3	320.1	320.1	320.3	319.8	318.6	317.0	316.9
58.8	57.7	23.75°	318.0	318.3	318.3	318.1	318.3	318.9	318.1	316.5	314.7
69.8	68.8	22.5°	316.2	316.6	316.4	316.0	316.1	316.8	317.8	316.3	314.1
81.0	80.0	21.25°	314.4	314.7	314.7	314.3	313.8	314.4	315.5	315.8	313.6
92.3	91.0	20°	312.3	312.6	313.0	312.9	312.3	311.8	312.9	313.8	313.0
103.6	102.1	18.75°	310.3	310.7	311.1	311.5	311.1	310.4	310.4	311.4	312.2
114.9	113.5	17.5°	308.1	308.6	309.2	309.7	310.0	309.4	308.6	309.1	309.9
126.2	124.9	16.25°	305.2	305.9	307.7	308.3	308.7	308.4	307.6	306.9	307.8
137.4	135.8	15°	302.0	303.4	305.5	307.0	307.4	307.5	306.7	305.6	305.6
148.4	146.5	13.75°	301.1	301.4	303.5	305.6	306.3	306.4	305.7	304.3	303.3
159.3	157.2	12.5°	300.7	300.7	301.7	303.8	305.3	304.3	304.0	302.7	301.6
170.1	167.9	11.25°	300.5	300.4	300.1	301.2	301.7	301.4	301.5	301.0	300.0
181.1	178.6	10°	300.3	299.4	298.0	297.7	298.0	298.1	298.6	299.1	298.4
193.0	190.3	8.75°	298.1	297.3	295.8	294.7	294.6	294.4	295.5	297.1	296.4
205.0	202.0	7.5°	295.3	295.0	293.6	292.1	291.6	291.0	292.1	293.3	293.0
215.0	212.4	6.25°	292.4	292.4	291.4	290.0	289.2	288.6	288.8	289.5	289.4
224.1	221.0	5°	290.0	290.1	289.4	288.1	287.0	286.3	286.0	286.0	285.8
232.5	229.8	3.75°	288.6	288.2	287.4	286.1	284.8	284.1	283.3	282.7	282.1
239.2	236.6	2.5°	287.4	286.4	285.3	284.0	282.7	281.8	280.8	279.6	278.6
246.0	243.3	1.25°	285.1	284.1	283.1	281.9	280.8	278.8	276.8	276.4	276.0
252.9	250.1	0°	281.6	281.2	280.7	279.8	278.9	275.9	272.8	273.2	273.5
259.9	257.1	-1.25°	282.0	280.3	278.8	277.6	276.4	274.6	272.7	271.7	270.9
267.2	264.1	-2.5°	281.3	278.9	276.8	275.3	274.0	273.3	272.4	270.2	268.1
274.9	271.5	-3.75°	279.6	276.9	274.6	273.1	271.8	271.2	270.2	267.7	265.3
282.4	278.6	-5°	277.5	274.6	272.3	270.7	269.6	269.0	267.7	264.9	262.4
287.3	284.7	-6.25°	275.2	272.1	269.8	268.2	267.3	266.8	264.9	261.9	259.3
291.6	288.8	-7.5°	272.8	269.9	268.0	266.2	265.1	264.5	261.8	258.6	256.0
295.4	292.6	-8.75°	270.4	268.1	266.2	264.4	262.8	261.7	258.7	255.4	252.6
298.5	296.0	-10°	267.8	266.1	264.2	262.1	260.1	258.3	255.9	253.0	249.8
301.9	299.5	-11.25°	264.3	263.3	262.1	259.1	256.8	255.2	253.3	250.2	246.7
305.3	303.2	-12.5°	261.1	260.2	258.2	255.5	253.4	252.5	251.0	246.9	243.2
308.7	306.4	-13.75°	257.9	257.0	254.1	251.4	250.3	249.8	247.4	243.1	239.4
311.9	309.4	-15°	255.1	252.4	249.6	247.6	247.1	246.6	242.7	238.8	235.6
313.0	311.8	-16.25°	251.7	248.0	244.8	244.3	243.7	241.4	237.5	233.8	231.4
314.1	312.4	-17.5°	247.5	243.9	241.7	240.7	239.6	235.8	232.0	229.2	226.8
315.4	313.1	-18.75°	243.1	240.4	238.6	237.3	233.6	229.9	226.7	224.4	222.1
317.8	314.6	-20°	238.9	236.6	234.8	232.0	228.0	223.8	221.6	219.4	217.3
319.8	316.5	-21.25°	234.2	232.1	229.8	226.7	223.0	219.6	216.3	214.3	212.3





REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
320.7	318.1	-22.5°	229.4	227.0	224.7	221.7	218.8	215.8	212.5	209.1	207.3
320.1	318.7	-23.75°	224.8	222.4	220.0	217.5	214.9	212.0	208.4	205.0	202.1
319.7	318.3	-25°	220.1	217.8	215.8	213.7	211.2	207.5	203.9	200.6	198.0
319.6	318.2	-26.25°	215.3	213.3	211.5	209.8	206.2	202.4	198.9	196.2	193.7
319.8	318.3	-27.5°	210.3	208.6	206.9	204.0	200.4	196.8	194.0	191.5	189.1
319.8	318.2	-28.75°	205.1	203.4	201.0	198.0	194.4	191.3	188.8	186.5	184.0
319.2	317.6	-30°	199.6	197.7	195.2	192.2	188.8	185.8	183.4	181.2	178.7
317.1	316.6	-31.25°	194.3	192.3	189.3	185.8	182.7	180.1	177.9	175.8	173.4
314.7	314.6	-32.5°	189.1	185.3	181.9	178.8	176.3	174.5	172.6	170.4	167.6
312.6	312.5	-33.75°	181.1	177.0	174.0	172.3	170.8	169.1	167.2	164.4	161.5
311.3	310.4	-35°	173.4	169.8	167.9	166.7	165.3	163.4	160.7	158.0	155.3
310.7	308.5	-36.25°	166.8	164.4	162.4	161.2	158.9	156.5	154.0	151.5	149.1
310.2	307.8	-37.5°	160.3	158.4	156.1	153.9	151.6	149.4	147.0	144.8	142.6
309.6	307.2	-38.75°	152.3	149.9	147.9	146.2	144.2	141.9	139.8	137.8	135.9
308.5	306.2	-40°	142.3	140.6	139.1	137.8	136.1	134.1	132.3	130.0	127.7
305.9	304.9	-41.25°	131.8	130.4	129.2	128.4	127.7	125.7	122.6	120.3	118.8
303.5	303.4	-42.5°	120.1	119.3	118.8	118.4	116.5	113.6	111.3	109.8	109.5
301.4	301.1	-43.75°	108.0	107.9	107.4	105.9	103.5	100.7	100.0	100.8	101.3
299.5	299.0	-45°	97.3	97.0	96.0	94.0	91.9	91.0	92.0	92.8	93.3
297.7	297.1	-46.25°	87.6	86.7	86.2	85.7	85.1	84.2	84.3	85.2	86.1
295.4	294.2	-47.5°	79.7	79.7	79.5	79.1	78.4	77.8	77.7	78.8	79.5
292.3	291.2	-48.75°	73.2	73.2	72.9	72.7	72.6	72.4	72.1	72.8	73.3
289.0	288.2	-50°	66.8	66.9	66.9	66.9	66.9	66.9	66.8	67.1	67.8
285.7	285.2	-51.25°	60.5	60.8	60.9	61.1	61.1	61.2	61.3	61.6	62.4
282.3	282.3	-52.5°	53.9	54.2	54.4	54.7	54.9	55.3	55.7	56.2	57.0
278.6	278.3	-53.75°	46.4	47.1	47.6	48.1	48.7	49.3	50.0	50.7	51.6
274.8	273.5	-55°	38.7	40.0	40.8	41.6	42.4	43.3	44.2	45.1	45.9
271.1	268.7	-56.25°	31.7	33.0	34.0	35.1	36.1	37.3	38.3	39.0	39.4
268.6	266.4	-57.5°	24.8	25.9	27.6	29.2	30.5	31.6	32.4	32.9	33.2
266.1	264.0	-58.75°	19.8	21.3	22.8	24.2	25.2	26.1	27.0	28.4	29.8
263.3	261.2	-60°	15.4	16.9	18.2	19.9	21.5	23.0	24.5	25.9	27.2
260.2	258.1	-61.25°	12.5	14.3	16.0	17.6	19.2	20.7	22.1	23.5	24.9
257.1	254.8	-62.5°	10.9	12.4	13.8	15.4	17.2	18.8	20.3	21.7	22.9
253.8	251.4	-63.75°	9.8	11.4	12.9	14.5	16.1	17.5	18.9	20.1	21.1
250.3	247.8	-65°	9.5	10.9	12.4	13.8	15.1	16.4	17.6	18.7	19.9
246.9	244.2	-66.25°	9.1	10.4	11.6	12.9	14.1	15.3	16.5	17.6	18.7
243.7	241.0	-67.5°	8.4	9.6	10.8	12.0	13.1	14.3	15.4	16.4	17.4
240.2	237.5	-68.75°	7.9	9.0	10.0	11.1	12.2	13.2	14.2	15.1	16.0
236.6	233.9	-70°	7.3	8.3	9.3	10.2	11.2	12.2	13.1	13.9	14.7
232.8	230.1	-71.25°	6.7	7.6	8.5	9.4	10.2	11.1	11.9	12.7	13.5
228.8	226.2	-72.5°	6.0	6.9	7.7	8.4	9.2	10.0	10.8	11.5	12.2
224.4	222.1	-73.75°	5.4	6.1	6.9	7.6	8.3	9.0	9.7	10.4	11.0
219.9	217.7	-75°	4.8	5.5	6.1	6.8	7.4	8.1	8.7	9.3	9.9
215.2	213.0	-76.25°	4.2	4.9	5.4	6.0	6.6	7.2	7.7	8.2	8.7
210.3	208.1	-77.5°	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.1	7.5



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
205.4	203.3	-78.75°	3.1	3.6	4.0	4.5	4.9	5.3	5.7	6.0	6.4
200.5	198.6	-80°	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.1	5.4
195.7	193.7	-81.25°	2.1	2.4	2.7	3.0	3.3	3.5	3.8	4.1	4.3
191.4	188.3	-82.5°	1.7	1.9	2.1	2.4	2.6	2.8	3.1	3.3	3.5
186.3	183.1	-83.75°	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7
181.1	178.0	-85°	1.0	1.1	1.2	1.4	1.5	1.6	1.8	1.9	2.0
175.9	172.5	-86.25°	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.3
170.3	166.8	-87.5°	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7
164.4	161.1	-88.75°	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4
158.4	155.6	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	150.1										
146.8	144.5										
140.7	138.5										
133.9	132.5										
126.4	126.0										
118.1	117.7										
109.6	109.3										
101.4	101.0										
93.5	93.4										
86.4	86.1										
79.6	79.6										
73.8	74.2										
68.4	68.9										
63.1	63.8										
57.8	58.7										
52.6	53.5										
46.7	47.6										
40.4	41.6										
34.5	37.0										
31.4	33.7										
28.5	30.6										
26.1	28.1										
24.1	25.6										
22.2	23.6										
21.0	22.1										
19.7	20.7										
18.3	19.1										
16.9	17.6										
15.5	16.2										
14.2	14.8										
12.9	13.5										
11.6	12.2										
10.4	10.9										
9.1	9.5										
7.9	8.2										

REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
6.7	7.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.6	5.9	88.75°	4.4	4.3	4.2	4.1	4.0	3.9	3.9	3.8	3.7
4.6	4.8	87.5°	8.7	8.6	8.4	8.2	8.1	7.9	7.7	7.5	7.3
3.7	3.9	86.25°	14.5	14.3	13.9	13.6	13.2	12.8	12.4	12.0	11.6
2.9	3.0	85°	21.4	21.0	20.6	20.2	19.8	19.4	18.9	18.4	17.9
2.1	2.2	83.75°	28.5	28.0	27.4	26.9	26.4	25.9	25.4	24.9	24.3
1.4	1.4	82.5°	37.3	36.6	35.8	35.0	34.3	33.5	32.7	31.8	31.0
0.8	0.8	81.25°	46.0	45.1	44.2	43.2	42.3	41.3	40.3	39.3	38.2
0.4	0.4	80°	56.6	55.4	53.9	52.5	51.0	49.5	47.9	46.7	45.5
0.0	0.0	78.75°	67.8	66.4	64.8	63.2	61.5	59.8	58.0	56.2	54.3
		77.5°	78.8	77.4	75.7	73.9	72.0	70.1	68.1	66.1	64.0
		76.25°	89.7	88.1	86.3	84.3	82.3	80.3	78.1	75.9	73.7
		75°	100.6	98.8	96.8	94.7	92.6	90.4	88.1	85.7	83.3
		73.75°	112.0	109.7	107.4	105.1	102.8	100.4	98.0	95.5	92.8
		72.5°	123.3	120.7	118.1	115.4	112.8	110.1	107.5	104.9	102.3
		71.25°	134.1	131.5	128.6	125.6	122.7	119.7	116.8	113.9	110.9
		70°	144.5	142.0	139.2	136.2	133.0	129.5	125.9	122.7	119.5
		68.75°	154.9	152.6	149.9	147.0	143.9	140.4	136.7	132.7	128.4
		67.5°	165.5	162.9	160.4	157.7	154.8	151.5	147.8	143.8	139.1
		66.25°	175.9	173.2	170.5	167.6	164.7	161.7	158.6	154.9	149.6
		65°	186.9	183.6	180.5	177.4	174.3	171.1	167.8	164.2	159.4
		63.75°	198.0	194.2	190.5	187.0	183.7	180.5	177.0	172.8	167.9
		62.5°	208.7	204.5	200.2	196.2	192.4	188.9	185.5	181.5	176.4
		61.25°	217.4	213.6	209.5	205.2	200.9	196.8	193.0	188.8	184.4
		60°	226.2	222.3	218.2	213.9	209.3	204.5	200.2	195.9	191.4
		58.75°	233.8	230.8	227.0	222.7	218.1	213.2	208.1	203.1	198.5
		57.5°	240.4	237.4	234.2	230.9	226.8	221.9	216.7	211.4	206.1
		56.25°	247.1	244.0	240.8	237.4	233.8	230.1	225.2	219.7	214.2
		55°	254.1	250.8	247.4	243.9	240.3	236.3	232.1	227.9	222.2
		53.75°	261.1	257.8	254.3	250.6	246.7	242.4	238.0	233.6	229.3
		52.5°	268.1	264.8	261.2	257.5	253.3	248.4	243.7	239.2	234.6
		51.25°	275.0	271.4	267.9	264.4	259.5	254.4	249.4	244.6	239.9
		50°	281.7	277.8	274.1	270.4	265.5	260.1	254.9	249.8	245.0
		48.75°	286.0	283.5	280.0	275.6	270.6	265.4	260.1	254.8	249.7
		47.5°	289.7	286.9	284.3	280.8	275.6	270.3	265.0	259.6	254.2
		46.25°	293.1	290.1	287.1	283.8	280.2	275.1	269.7	264.1	258.5
		45°	296.7	293.5	290.0	286.6	283.0	279.2	274.3	268.6	262.9
		43.75°	300.5	297.1	293.0	289.5	285.9	282.0	277.9	273.0	267.1
		42.5°	304.1	300.2	295.9	292.0	288.7	284.9	280.8	276.5	271.3
		41.25°	306.6	302.5	298.3	294.2	290.6	287.6	283.7	279.3	274.2
		40°	308.5	304.4	300.2	296.0	292.2	289.0	286.2	282.2	276.1
		38.75°	309.8	306.3	302.0	297.7	293.4	290.0	287.1	283.9	277.9
		37.5°	310.6	307.6	303.8	299.4	295.0	290.7	287.5	283.7	279.5
		36.25°	311.8	308.8	305.3	301.1	296.6	292.1	287.4	283.6	279.5
		35°	313.4	310.4	306.9	302.8	298.2	293.6	288.6	283.6	279.5

REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
0.0	0.0	33.75°	314.9	312.0	308.8	304.7	300.0	295.6	290.4	284.5	279.5
3.6	3.4	32.5°	316.1	313.1	310.4	306.9	301.8	297.6	292.7	286.6	279.7
7.1	6.9	31.25°	316.7	314.0	311.3	307.8	303.1	298.8	295.3	289.1	282.0
11.2	10.6	30°	316.5	314.5	311.4	307.6	303.8	299.5	296.0	291.9	284.6
17.4	16.7	28.75°	316.6	314.2	311.2	307.5	303.6	299.6	296.2	293.5	287.5
23.6	22.7	27.5°	316.5	313.3	310.4	307.4	303.4	299.3	295.8	293.3	290.6
30.1	28.9	26.25°	315.2	312.3	309.4	306.7	303.3	299.1	295.0	292.7	290.8
37.2	35.9	25°	314.1	311.1	308.1	305.5	303.1	298.9	294.6	291.4	288.5
44.2	42.8	23.75°	313.3	310.2	306.7	304.1	301.8	298.7	294.2	289.5	286.5
52.4	50.4	22.5°	312.2	309.5	305.9	302.5	300.4	298.1	293.3	288.6	284.8
61.8	59.5	21.25°	310.2	309.1	305.3	301.1	298.7	296.0	292.1	287.6	283.3
71.2	68.6	20°	308.2	307.8	304.9	300.7	297.2	294.3	290.8	286.3	282.1
80.5	77.6	18.75°	306.5	305.9	304.2	300.1	296.2	292.9	289.2	284.9	280.8
89.9	86.8	17.5°	304.7	303.8	302.7	299.3	295.5	291.8	287.7	283.3	279.3
99.2	95.9	16.25°	303.7	302.0	300.7	298.3	294.6	291.0	286.5	281.6	277.6
107.8	104.6	15°	302.5	300.4	298.9	297.1	293.5	290.1	285.6	280.2	275.8
116.1	112.8	13.75°	301.2	299.1	297.3	295.3	292.3	289.0	284.7	278.8	273.7
124.5	120.9	12.5°	299.7	297.7	295.8	293.6	290.9	287.1	282.7	277.0	271.7
134.3	129.7	11.25°	298.0	296.2	294.3	291.1	287.9	284.0	280.2	274.9	269.9
144.4	139.3	10°	295.9	293.5	290.8	287.7	284.6	280.9	277.1	272.4	267.9
154.2	148.7	8.75°	292.8	290.3	287.3	284.2	281.2	277.7	273.9	269.8	265.6
162.8	157.6	7.5°	289.7	287.3	283.9	280.7	277.7	274.4	270.7	266.9	263.1
171.2	165.8	6.25°	286.6	284.3	280.6	277.1	274.2	271.0	267.3	263.7	260.5
179.6	174.1	5°	283.6	281.3	277.3	273.4	270.6	267.6	263.9	260.5	257.7
186.8	181.9	3.75°	280.5	278.4	273.9	269.6	266.9	264.1	260.6	257.1	254.1
193.8	188.8	2.5°	276.2	273.9	269.7	265.6	263.2	260.8	257.2	253.7	250.5
200.8	195.7	1.25°	271.2	268.9	265.2	261.5	259.4	257.3	253.8	250.3	246.7
208.5	202.7	0°	266.3	263.8	260.6	257.3	255.6	253.8	250.3	246.8	243.0
216.3	210.3	-1.25°	263.9	261.5	258.8	256.0	253.3	250.7	247.9	245.1	240.5
224.1	217.9	-2.5°	261.6	259.2	257.0	254.6	251.0	247.6	245.5	243.2	237.8
230.1	225.3	-3.75°	258.9	256.7	255.0	253.0	248.4	244.4	243.1	241.1	235.0
235.2	230.6	-5°	255.7	253.4	251.6	249.3	244.9	241.2	240.1	238.1	231.8
240.2	235.3	-6.25°	252.4	250.1	248.0	245.3	241.2	237.8	236.4	233.8	228.0
244.9	240.0	-7.5°	249.0	246.6	244.3	241.2	237.3	234.3	232.6	229.4	224.1
249.1	244.3	-8.75°	245.4	242.8	240.4	237.1	233.4	230.6	228.6	225.0	220.2
253.2	247.6	-10°	241.7	238.9	236.3	232.9	229.3	226.7	224.4	220.7	216.3
257.0	250.6	-11.25°	238.2	235.0	231.8	228.6	225.3	222.5	220.0	216.3	212.4
260.8	253.5	-12.5°	234.6	231.6	228.3	224.7	221.2	218.1	215.2	212.0	208.5
264.1	256.7	-13.75°	231.0	228.1	224.6	221.1	217.5	214.1	210.7	207.8	204.5
267.4	259.8	-15°	227.3	224.4	220.8	217.3	213.8	210.4	207.0	203.8	200.4
269.9	262.8	-16.25°	223.5	220.3	216.8	213.3	209.9	206.5	203.0	199.7	196.2
271.7	265.5	-17.5°	219.6	216.1	212.6	209.2	205.9	202.3	198.7	195.3	191.9
273.2	267.0	-18.75°	215.0	211.6	208.2	205.0	201.7	197.8	194.2	190.8	187.5
274.6	268.3	-20°	210.2	207.1	203.8	200.6	197.0	193.1	189.4	186.2	183.0
275.1	269.6	-21.25°	205.5	202.5	199.3	196.1	192.0	188.0	184.6	181.5	178.3



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
275.1	270.5	-22.5°	200.9	197.8	194.6	191.1	186.7	182.6	179.6	176.7	173.7
275.2	270.5	-23.75°	195.9	192.9	189.8	185.8	181.6	177.8	174.6	171.8	169.0
275.3	270.6	-25°	190.8	187.8	184.4	180.4	176.4	173.3	170.0	166.9	164.3
276.6	270.7	-26.25°	185.4	182.4	178.7	175.0	171.8	168.9	165.7	162.6	159.7
279.2	270.9	-27.5°	179.9	176.5	173.0	169.8	167.2	164.4	161.4	158.4	155.5
281.8	272.3	-28.75°	174.3	170.6	167.3	165.0	162.6	159.9	156.9	154.1	151.4
283.3	273.9	-30°	168.8	165.0	162.4	160.3	158.0	155.2	152.4	149.7	147.2
284.3	275.0	-31.25°	163.3	160.2	157.7	155.6	153.0	150.3	147.7	145.2	142.9
283.0	275.6	-32.5°	158.1	155.6	153.2	150.5	148.0	145.4	143.0	140.6	138.4
281.1	275.7	-33.75°	153.0	150.6	148.2	145.4	142.8	140.4	138.1	135.9	134.2
279.4	274.9	-35°	147.8	145.4	142.8	140.2	137.6	135.3	133.1	131.3	130.0
277.8	273.2	-36.25°	142.2	139.8	137.4	134.9	132.3	130.0	128.1	126.8	125.6
276.5	271.6	-37.5°	136.3	134.1	131.7	129.1	126.7	124.6	123.4	122.2	121.1
275.4	270.1	-38.75°	130.4	128.1	125.4	123.0	120.9	119.4	118.4	117.4	116.4
274.0	268.8	-40°	123.9	121.2	118.8	116.7	115.1	113.9	113.0	112.5	111.6
272.0	266.8	-41.25°	116.4	114.1	112.0	110.3	109.0	108.1	107.7	107.3	106.7
269.6	264.7	-42.5°	108.5	106.7	105.1	103.7	102.7	102.6	102.4	102.1	101.2
267.3	262.5	-43.75°	100.4	99.2	97.8	96.9	97.1	97.2	97.2	96.6	95.2
265.1	260.0	-45°	92.7	91.4	90.9	91.4	91.7	91.9	91.7	90.9	89.5
262.9	257.6	-46.25°	85.3	85.2	85.4	85.9	86.4	86.5	86.2	85.3	84.0
260.8	255.1	-47.5°	79.8	80.0	80.0	80.6	81.2	81.3	80.9	80.2	80.1
258.7	252.7	-48.75°	74.6	74.8	75.1	75.8	76.2	76.3	76.1	76.2	76.2
256.6	250.2	-50°	69.4	70.0	70.6	71.2	71.6	71.8	72.0	72.2	72.3
254.4	247.6	-51.25°	64.5	65.2	66.0	66.7	67.3	67.6	67.9	68.2	68.5
250.8	244.0	-52.5°	59.6	60.4	61.2	62.1	63.0	63.5	63.9	64.3	64.7
247.0	240.4	-53.75°	54.3	55.2	56.2	57.4	58.7	59.3	59.9	60.4	60.9
243.1	236.6	-55°	48.7	49.8	51.1	52.8	54.3	55.2	55.8	56.5	57.4
239.1	232.7	-56.25°	42.9	45.1	47.0	48.6	50.0	51.0	52.1	53.1	54.1
235.9	230.0	-57.5°	39.3	41.3	43.1	44.6	46.1	47.6	48.8	49.9	50.9
232.6	227.2	-58.75°	35.8	37.7	39.5	41.3	42.9	44.3	45.6	46.7	47.8
229.2	224.4	-60°	32.8	34.8	36.6	38.3	39.8	41.2	42.5	43.7	44.8
225.8	221.5	-61.25°	30.1	32.0	33.7	35.4	37.0	38.4	39.6	40.8	41.9
222.5	218.4	-62.5°	27.5	29.5	31.3	33.0	34.4	35.7	36.9	38.0	39.1
219.2	215.1	-63.75°	25.6	27.5	29.1	30.7	32.0	33.2	34.3	35.3	36.4
215.7	211.6	-65°	23.9	25.6	27.1	28.4	29.7	30.8	31.8	32.7	33.8
212.1	208.1	-66.25°	22.2	23.6	25.0	26.3	27.4	28.5	29.4	30.3	31.3
208.4	204.5	-67.5°	20.4	21.7	23.0	24.2	25.3	26.3	27.2	28.1	29.0
204.6	200.8	-68.75°	18.7	20.0	21.2	22.3	23.3	24.3	25.1	25.9	26.7
200.7	196.8	-70°	17.1	18.3	19.4	20.4	21.4	22.3	23.1	23.8	24.6
196.7	192.6	-71.25°	15.6	16.6	17.7	18.6	19.5	20.4	21.1	21.8	22.5
192.6	188.3	-72.5°	14.1	15.1	16.0	16.9	17.7	18.5	19.2	19.8	20.4
188.4	184.1	-73.75°	12.7	13.6	14.4	15.2	16.0	16.7	17.3	17.9	18.4
183.9	179.8	-75°	11.3	12.0	12.8	13.5	14.2	14.8	15.4	15.9	16.4
179.4	175.5	-76.25°	9.9	10.5	11.2	11.9	12.5	13.0	13.5	14.0	14.4
174.9	171.3	-77.5°	8.5	9.0	9.6	10.2	10.8	11.3	11.7	12.1	12.5



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
170.4	167.2	-78.75°	7.3	7.7	8.2	8.7	9.2	9.6	10.0	10.3	10.5
166.0	163.2	-80°	6.1	6.5	6.9	7.3	7.6	8.0	8.2	8.5	8.8
161.6	159.1	-81.25°	5.0	5.3	5.7	6.0	6.3	6.7	6.9	7.2	7.4
157.3	155.0	-82.5°	4.1	4.3	4.6	4.9	5.1	5.4	5.6	5.9	6.1
153.0	150.9	-83.75°	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.6	4.7
149.0	146.8	-85°	2.3	2.4	2.6	2.8	2.9	3.1	3.2	3.3	3.5
144.8	143.1	-86.25°	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
140.8	139.4	-87.5°	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.4
136.9	135.6	-88.75°	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
132.9	131.7	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.8	127.5										
124.5	123.3										
120.0	118.9										
115.4	114.5										
110.7	109.2										
105.4	103.7										
99.5	98.0										
93.5	92.2										
87.6	88.0										
83.8	83.8										
80.0	79.8										
76.2	76.2										
72.4	72.6										
68.8	69.0										
65.1	65.5										
61.5	62.2										
58.2	58.9										
55.0	55.7										
51.8	52.6										
48.7	49.6										
45.8	46.6										
42.9	43.7										
40.1	40.9										
37.3	38.1										
34.7	35.5										
32.2	33.1										
29.9	30.6										
27.6	28.3										
25.3	26.0										
23.1	23.7										
21.0	21.5										
18.9	19.3										
16.8	17.2										
14.8	15.1										
12.8	13.0										

REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

45°	46.25°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
10.8	11.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	9.4	88.75°	3.3	3.2	3.1	2.9	2.8	2.7	2.6	2.5	2.3
7.6	7.9	87.5°	6.6	6.4	6.1	5.9	5.6	5.4	5.2	4.9	4.7
6.2	6.4	86.25°	10.0	9.6	9.2	8.8	8.5	8.1	7.7	7.4	7.0
4.9	5.0	85°	15.9	15.2	14.4	13.7	12.9	12.2	11.4	10.7	9.9
3.5	3.6	83.75°	21.8	20.8	19.9	19.0	18.0	17.1	16.1	15.2	14.3
2.2	2.3	82.5°	27.7	26.5	25.4	24.2	23.1	22.0	20.9	19.7	18.6
1.4	1.5	81.25°	34.6	33.2	31.8	30.3	28.8	27.2	25.6	24.2	22.9
0.7	0.7	80°	41.4	40.0	38.5	36.9	35.2	33.6	31.8	29.8	27.9
0.0	0.0	78.75°	48.5	46.8	45.1	43.5	41.7	39.9	37.9	35.7	33.6
		77.5°	57.3	55.0	52.7	50.5	48.3	46.2	44.0	41.6	39.2
		76.25°	66.0	63.4	60.8	58.3	55.8	53.2	50.4	47.5	44.7
		75°	74.7	71.8	68.9	66.0	63.2	60.4	57.2	53.9	50.7
		73.75°	83.6	80.4	77.1	73.8	70.6	67.5	63.9	60.3	56.8
		72.5°	92.5	89.1	85.6	82.1	78.4	74.7	70.5	66.6	62.8
		71.25°	101.3	97.8	94.1	90.3	86.4	82.4	77.8	73.2	68.8
		70°	109.3	105.8	102.3	98.5	94.4	90.0	85.0	80.0	75.2
		68.75°	117.3	113.6	109.8	106.0	102.1	97.4	92.1	86.8	81.6
		67.5°	125.2	121.3	117.3	113.3	109.2	104.2	98.9	93.4	87.9
		66.25°	134.3	129.5	124.8	120.5	116.2	110.8	105.3	99.7	94.2
		65°	143.3	138.0	132.9	128.0	123.1	117.4	111.6	105.8	100.0
		63.75°	152.1	146.4	140.9	135.6	130.0	123.9	117.8	111.8	105.8
		62.5°	160.3	154.6	148.7	143.0	136.8	130.4	124.0	117.7	111.5
		61.25°	168.4	162.5	156.4	150.2	143.6	136.9	130.2	123.6	117.1
		60°	176.4	170.4	164.2	157.6	150.3	143.2	136.3	129.4	122.6
		58.75°	183.6	178.2	171.8	164.8	157.1	149.5	142.2	135.1	128.1
		57.5°	190.4	184.9	179.2	171.7	163.7	155.9	148.2	140.7	133.4
		56.25°	197.2	191.6	185.6	178.1	170.2	162.0	154.0	146.2	138.6
		55°	204.3	198.3	191.7	184.0	176.1	168.0	159.7	151.6	143.7
		53.75°	211.6	205.3	197.6	189.8	181.8	173.6	165.3	156.9	148.7
		52.5°	218.9	212.0	203.6	195.5	187.3	179.0	170.5	162.0	153.5
		51.25°	226.0	218.1	209.3	200.9	192.8	184.3	175.7	166.9	158.2
		50°	230.6	223.6	214.8	206.1	197.8	189.6	180.8	171.9	162.8
		48.75°	234.2	227.0	219.8	211.0	202.4	194.1	185.8	176.7	167.4
		47.5°	237.7	230.4	223.0	215.5	206.7	198.2	190.2	181.4	172.0
		46.25°	240.9	233.7	226.2	218.6	210.8	202.1	193.8	185.9	176.4
		45°	243.7	236.7	229.3	221.6	213.9	205.7	197.2	189.1	180.6
		43.75°	246.5	239.4	232.2	224.6	216.7	208.7	200.3	192.0	183.8
		42.5°	249.2	242.1	234.8	227.4	219.4	211.3	203.2	194.9	186.5
		41.25°	252.2	244.6	237.3	229.8	222.1	213.9	205.7	197.6	189.2
		40°	255.1	247.3	239.7	232.1	224.5	216.4	208.3	200.3	191.8
		38.75°	257.9	250.0	242.1	234.4	226.6	218.8	210.7	202.6	194.3
		37.5°	260.6	252.6	244.6	236.5	228.7	221.0	213.0	204.8	196.6
		36.25°	262.1	255.1	247.0	238.8	230.8	223.0	215.1	206.9	198.6
		35°	263.3	257.0	249.2	241.0	232.9	225.0	217.0	208.8	200.5



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

58.75°	60°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
0.0	0.0	33.75°	264.3	258.0	251.4	243.3	235.0	226.8	218.8	210.7	202.3
2.2	2.1	32.5°	265.2	258.9	252.9	245.6	237.1	228.6	220.4	212.2	203.9
4.5	4.2	31.25°	265.6	259.6	253.6	247.8	239.2	230.5	222.0	213.7	205.4
6.7	6.3	30°	265.6	260.0	254.1	248.7	241.2	232.4	223.5	215.1	206.7
9.2	8.4	28.75°	265.6	260.0	254.2	249.0	243.2	234.2	225.0	216.4	208.0
13.3	12.4	27.5°	265.7	259.9	254.1	248.9	244.3	236.0	226.7	217.6	209.1
17.5	16.3	26.25°	265.8	260.0	253.8	248.6	244.1	237.7	228.2	218.7	210.1
21.6	20.3	25°	266.5	260.0	253.7	248.0	243.6	239.3	229.7	220.0	211.1
26.0	24.2	23.75°	267.3	260.1	253.7	247.1	243.0	239.3	231.1	221.3	211.4
31.4	29.3	22.5°	267.6	260.2	253.7	246.8	242.0	238.6	232.5	221.7	211.6
36.8	34.4	21.25°	267.5	260.4	253.7	246.7	240.9	237.5	232.5	221.9	211.6
42.1	39.4	20°	266.9	260.1	253.7	246.5	239.4	235.6	231.6	221.8	211.6
47.5	44.4	18.75°	265.9	259.5	253.6	246.0	238.2	233.7	229.7	221.5	211.5
53.3	49.9	17.5°	264.5	258.3	252.4	245.1	237.3	231.7	227.7	221.0	211.1
59.0	55.3	16.25°	262.6	256.5	250.8	244.2	236.3	229.8	225.7	220.2	210.5
64.7	60.7	15°	260.6	254.5	249.0	243.1	235.2	227.9	223.8	219.3	209.7
70.5	66.0	13.75°	258.5	252.3	247.1	241.9	234.0	226.1	221.8	217.4	208.8
76.6	71.6	12.5°	256.3	250.0	244.9	240.1	232.7	224.8	219.8	215.4	207.6
82.6	77.3	11.25°	254.0	247.7	242.6	238.1	231.3	223.4	217.7	213.3	206.3
88.4	82.8	10°	251.6	245.3	240.1	235.9	229.8	221.9	215.7	211.2	204.8
94.2	88.3	8.75°	249.1	242.8	237.5	233.6	228.1	220.2	213.6	209.0	203.2
99.7	93.6	7.5°	246.5	240.2	234.7	231.2	226.3	218.4	211.5	206.9	201.3
105.2	98.9	6.25°	243.8	237.5	231.9	228.6	224.2	216.5	209.7	204.7	199.1
110.6	104.1	5°	240.9	234.9	229.4	225.6	221.3	214.4	208.0	202.5	196.8
115.9	109.2	3.75°	237.4	232.1	227.1	222.7	218.1	212.1	206.3	200.4	194.3
121.1	114.2	2.5°	233.8	229.2	224.8	219.8	214.7	209.6	204.6	198.1	191.6
126.2	119.0	1.25°	230.1	226.2	222.4	216.8	211.1	206.9	202.8	195.9	188.9
131.1	123.7	0°	226.2	223.1	220.0	213.8	207.5	204.2	200.9	193.5	186.1
135.9	128.3	-1.25°	224.1	220.8	217.5	211.4	205.4	201.9	198.4	191.4	184.5
140.7	132.8	-2.5°	221.9	218.4	214.8	209.0	203.3	199.6	195.8	189.3	182.7
145.2	137.3	-3.75°	219.6	215.9	212.1	206.5	201.0	197.1	193.1	187.0	180.9
149.7	141.6	-5°	217.2	213.3	209.3	203.9	198.7	194.6	190.4	184.8	179.0
154.0	145.7	-6.25°	214.3	210.4	206.3	201.3	196.3	192.0	187.6	182.4	177.0
158.2	149.7	-7.5°	211.0	207.0	202.8	198.0	193.4	189.2	184.8	180.1	174.9
162.6	153.6	-8.75°	207.6	203.5	199.3	194.7	190.3	186.3	182.0	177.4	172.4
166.7	157.4	-10°	204.0	199.9	195.7	191.3	187.2	183.4	179.2	174.7	169.8
170.7	161.1	-11.25°	200.3	196.1	192.1	187.9	184.1	180.4	176.2	171.9	167.1
174.4	164.7	-12.5°	196.4	192.2	188.4	184.4	180.9	177.3	173.3	169.0	164.3
177.9	168.0	-13.75°	192.4	188.3	184.7	180.9	177.6	174.3	170.2	166.1	161.5
180.5	171.1	-15°	188.2	184.3	180.9	177.5	174.4	171.1	167.1	163.1	158.7
183.0	174.0	-16.25°	183.9	180.3	177.1	174.0	171.0	167.8	164.0	160.1	155.8
185.4	176.3	-17.5°	179.6	176.3	173.3	170.5	167.7	164.4	160.8	157.0	153.0
187.8	178.6	-18.75°	175.8	172.7	169.6	167.0	164.4	161.0	157.5	153.9	150.1
190.1	180.8	-20°	172.1	169.1	166.2	163.6	160.9	157.6	154.2	150.8	147.1
192.2	182.9	-21.25°	168.3	165.5	162.9	160.4	157.5	154.1	150.9	147.7	144.2



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**CANDELA DISTRIBUTION (continued):**

58.75°	60°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
193.9	185.0	-22.5°	164.5	161.7	159.5	157.1	154.2	150.9	147.6	144.5	141.2
195.5	187.0	-23.75°	160.6	158.2	156.1	153.9	150.9	147.8	144.6	141.4	138.2
196.9	188.5	-25°	156.7	154.7	152.7	150.4	147.6	144.7	141.5	138.4	135.1
198.2	189.7	-26.25°	152.8	151.1	149.3	146.9	144.3	141.4	138.4	135.3	132.1
199.4	190.9	-27.5°	149.1	147.6	145.8	143.5	141.0	138.1	135.1	132.2	129.0
200.5	191.9	-28.75°	145.5	144.0	142.2	140.0	137.6	134.7	131.8	128.9	126.0
201.5	192.5	-30°	141.8	140.4	138.6	136.6	134.0	131.2	128.4	125.7	122.9
202.0	193.1	-31.25°	138.1	136.7	135.1	133.1	130.3	127.6	125.1	122.5	119.8
202.3	193.4	-32.5°	134.3	133.0	131.6	129.2	126.6	124.0	121.7	119.3	116.7
202.5	193.7	-33.75°	130.4	129.2	127.9	125.3	122.7	120.5	118.3	116.0	113.6
202.6	193.8	-35°	126.4	125.3	123.4	121.2	118.9	117.0	114.9	112.8	110.5
202.4	193.7	-36.25°	122.2	120.8	118.8	116.9	115.2	113.4	111.5	109.5	107.4
202.1	193.5	-37.5°	117.9	115.9	114.0	112.5	111.5	109.9	108.2	106.3	104.3
201.7	193.1	-38.75°	112.7	110.9	109.2	108.4	107.6	106.4	104.8	103.1	101.1
201.1	192.7	-40°	107.4	105.8	104.9	104.4	103.7	102.8	101.5	99.9	98.0
200.4	192.0	-41.25°	102.0	101.0	100.8	100.4	99.8	99.2	98.2	96.6	94.8
199.7	191.3	-42.5°	96.8	96.8	96.7	96.4	96.1	95.5	94.8	93.4	91.7
198.7	190.4	-43.75°	92.5	92.7	92.7	92.6	92.3	91.9	91.2	90.2	88.6
197.6	189.4	-45°	88.4	88.6	88.8	88.8	88.7	88.3	87.7	86.8	85.5
196.4	188.3	-46.25°	84.3	84.7	85.0	85.1	85.1	84.8	84.2	83.5	82.4
194.9	187.0	-47.5°	80.3	80.9	81.3	81.5	81.5	81.2	80.8	80.2	79.4
193.4	185.8	-48.75°	76.5	77.1	77.6	77.9	77.9	77.8	77.5	76.9	76.2
191.7	184.6	-50°	72.8	73.4	74.0	74.4	74.5	74.4	74.2	73.7	73.1
189.9	183.2	-51.25°	69.3	69.9	70.5	70.9	71.1	71.1	71.0	70.6	69.8
188.0	181.7	-52.5°	66.0	66.4	67.1	67.5	67.8	67.9	67.8	67.4	66.6
185.9	180.2	-53.75°	62.7	63.1	63.7	64.2	64.6	64.7	64.6	64.1	63.3
183.7	178.5	-55°	59.5	60.0	60.5	61.0	61.4	61.5	61.3	60.8	60.1
181.5	176.8	-56.25°	56.4	56.9	57.3	57.9	58.2	58.3	58.1	57.7	57.0
179.6	174.8	-57.5°	53.3	53.8	54.3	54.7	55.0	55.1	54.9	54.6	54.1
177.7	172.7	-58.75°	50.3	50.9	51.3	51.6	51.9	52.0	51.9	51.7	51.3
175.7	170.6	-60°	47.3	47.9	48.3	48.6	48.9	49.0	49.0	48.9	48.5
173.7	168.4	-61.25°	44.4	45.0	45.4	45.7	46.0	46.2	46.2	46.1	45.7
171.5	166.1	-62.5°	41.6	42.1	42.6	42.9	43.2	43.4	43.5	43.3	43.2
169.2	163.8	-63.75°	38.8	39.4	39.9	40.3	40.5	40.7	40.8	40.7	40.6
166.9	161.5	-65°	36.3	36.9	37.3	37.6	37.9	38.0	38.1	38.1	38.1
164.4	159.3	-66.25°	33.7	34.3	34.8	35.0	35.2	35.4	35.5	35.6	35.5
161.9	157.0	-67.5°	31.3	31.8	32.2	32.5	32.6	32.8	32.9	33.0	32.8
159.3	154.7	-68.75°	28.9	29.4	29.7	29.9	30.0	30.2	30.3	30.2	30.0
156.8	152.3	-70°	26.5	26.9	27.2	27.4	27.5	27.6	27.6	27.6	27.3
154.1	149.8	-71.25°	24.2	24.6	24.8	25.0	25.0	25.0	25.0	24.9	24.7
151.5	147.3	-72.5°	21.9	22.2	22.4	22.6	22.6	22.5	22.5	22.5	22.4
148.8	144.8	-73.75°	19.7	19.9	20.1	20.2	20.2	20.2	20.2	20.2	20.1
146.1	142.1	-75°	17.4	17.7	17.9	18.0	18.0	18.0	18.0	17.9	17.8
143.3	139.5	-76.25°	15.3	15.5	15.7	15.8	15.8	15.8	15.8	15.7	15.7
140.5	136.8	-77.5°	13.3	13.4	13.6	13.6	13.6	13.7	13.7	13.8	13.8



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**CANDELA DISTRIBUTION (continued):**

58.75°	60°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
137.6	134.0	-78.75°	11.2	11.4	11.6	11.7	11.8	11.8	11.9	11.9	11.9
134.7	131.1	-80°	9.6	9.8	9.9	10.0	10.0	10.0	10.0	10.0	10.0
131.7	128.2	-81.25°	8.0	8.1	8.2	8.3	8.3	8.3	8.2	8.2	8.2
128.7	125.3	-82.5°	6.5	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7
125.8	122.3	-83.75°	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.1
122.8	119.5	-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6
119.9	116.7	-86.25°	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5
116.9	113.9	-87.5°	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7
114.0	111.1	-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
111.0	108.2	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	105.3										
105.0	102.4										
102.0	99.5										
98.9	96.6										
95.9	93.7										
92.9	90.8										
89.9	87.9										
86.9	85.0										
83.9	82.1										
80.9	79.3										
78.0	76.3										
75.1	73.2										
71.9	70.1										
68.7	67.1										
65.5	64.0										
62.3	61.1										
59.2	58.3										
56.4	55.5										
53.5	52.7										
50.7	49.9										
47.9	47.4										
45.4	44.9										
42.9	42.5										
40.4	40.0										
37.9	37.4										
35.2	34.6										
32.4	31.8										
29.6	29.0										
26.9	26.4										
24.5	24.1										
22.2	21.9										
19.9	19.6										
17.6	17.4										
15.6	15.4										
13.7	13.5										

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**CANDELA DISTRIBUTION (continued):**

58.75°	60°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
11.8	11.6	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.9	9.7	88.75°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2
8.2	8.1	87.5°	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.5	2.4
6.6	6.5	86.25°	6.0	5.7	5.3	5.0	4.7	4.4	4.1	3.8	3.5
5.1	5.0	85°	8.0	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7
3.5	3.4	83.75°	11.5	10.5	9.6	8.7	7.9	7.3	6.8	6.4	5.9
2.6	2.6	82.5°	15.2	14.1	13.0	11.9	10.8	9.8	8.8	7.8	7.0
1.7	1.7	81.25°	19.0	17.7	16.4	15.1	13.8	12.5	11.3	10.1	9.0
0.8	0.9	80°	22.7	21.2	19.7	18.3	16.8	15.3	13.9	12.5	11.1
0.0	0.0	78.75°	27.2	25.1	23.1	21.4	19.7	18.0	16.4	14.8	13.3
		77.5°	32.0	29.7	27.3	25.0	22.6	20.7	18.9	17.1	15.4
		76.25°	36.8	34.2	31.7	29.1	26.5	23.8	21.4	19.4	17.5
		75°	41.6	38.8	36.0	33.1	30.3	27.5	24.7	21.8	19.6
		73.75°	46.5	43.3	40.2	37.2	34.1	31.1	28.0	25.0	22.0
		72.5°	51.7	48.1	44.5	41.2	37.9	34.7	31.4	28.2	25.0
		71.25°	56.8	52.9	49.1	45.3	41.7	38.2	34.8	31.3	27.9
		70°	61.8	57.6	53.5	49.5	45.6	41.7	38.1	34.4	30.8
		68.75°	66.8	62.3	58.0	53.7	49.5	45.4	41.4	37.5	33.7
		67.5°	72.1	67.1	62.3	57.8	53.4	49.0	44.7	40.5	36.5
		66.25°	77.4	72.0	66.8	61.9	57.2	52.6	48.1	43.6	39.3
		65°	82.5	76.9	71.4	66.0	61.0	56.1	51.4	46.7	42.1
		63.75°	87.6	81.6	75.9	70.2	64.8	59.6	54.6	49.7	44.9
		62.5°	92.6	86.3	80.3	74.4	68.6	63.1	57.8	52.7	47.7
		61.25°	97.5	91.0	84.6	78.4	72.4	66.6	60.9	55.6	50.4
		60°	102.4	95.6	88.9	82.3	76.1	70.0	64.1	58.4	53.0
		58.75°	107.2	100.2	93.2	86.3	79.7	73.4	67.2	61.3	55.6
		57.5°	112.0	104.7	97.5	90.3	83.2	76.7	70.3	64.1	58.2
		56.25°	116.5	109.1	101.7	94.3	87.0	79.9	73.3	66.9	60.7
		55°	120.9	113.4	105.8	98.2	90.6	83.1	76.2	69.6	63.2
		53.75°	125.3	117.6	109.8	102.0	94.2	86.5	79.0	72.2	65.6
		52.5°	129.6	121.7	113.7	105.7	97.7	89.8	82.0	74.8	68.0
		51.25°	133.8	125.7	117.6	109.4	101.1	93.0	85.0	77.2	70.3
		50°	137.7	129.7	121.4	113.0	104.5	96.2	88.0	79.8	72.5
		48.75°	141.5	133.5	125.2	116.6	107.9	99.2	90.9	82.5	74.7
		47.5°	145.1	136.9	128.8	120.1	111.2	102.2	93.7	85.2	76.9
		46.25°	148.6	140.2	132.1	123.5	114.4	105.3	96.4	87.7	79.3
		45°	152.0	143.4	135.1	126.9	117.6	108.3	99.0	90.2	81.7
		43.75°	155.3	146.4	138.0	129.7	120.8	111.3	101.7	92.6	83.9
		42.5°	158.5	149.3	140.7	132.3	123.8	114.2	104.4	94.9	86.1
		41.25°	161.4	152.1	143.3	134.8	126.5	117.0	107.0	97.1	88.1
		40°	164.2	154.8	145.8	137.1	128.8	119.7	109.4	99.4	90.1
		38.75°	166.8	157.2	148.1	139.4	130.9	122.1	111.8	101.6	92.0
		37.5°	169.2	159.5	150.3	141.4	132.9	124.2	114.0	103.7	93.8
		36.25°	171.3	161.6	152.3	143.4	134.6	125.8	116.1	105.7	95.6
		35°	173.3	163.5	154.2	145.2	136.3	127.4	118.1	107.6	97.4



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**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
0.0	0.0	33.75°	175.2	165.3	155.8	146.8	137.8	128.9	119.9	109.4	99.1
1.1	1.0	32.5°	177.1	167.1	157.4	148.3	139.3	130.3	121.3	111.1	100.7
2.2	2.0	31.25°	178.9	168.7	158.9	149.7	140.7	131.6	122.5	112.7	102.2
3.3	3.0	30°	180.6	170.3	160.2	151.0	141.9	132.8	123.7	114.2	103.6
4.3	4.0	28.75°	182.2	171.8	161.7	152.2	143.1	133.9	124.8	115.5	104.9
5.4	5.0	27.5°	183.1	173.1	162.9	153.3	144.1	135.0	125.7	116.5	106.1
6.5	5.9	26.25°	183.7	174.2	164.0	154.3	145.1	135.9	126.7	117.4	107.2
7.9	6.9	25°	184.2	175.1	165.0	155.2	145.9	136.8	127.5	118.2	108.2
9.8	8.6	23.75°	184.6	175.9	165.8	156.0	146.7	137.5	128.2	118.9	109.1
11.8	10.3	22.5°	184.9	176.2	166.5	156.7	147.3	138.1	128.9	119.5	110.0
13.7	12.1	21.25°	185.0	176.3	167.0	157.3	147.8	138.6	129.5	120.1	110.7
15.6	13.9	20°	185.0	176.4	167.3	157.7	148.3	139.1	130.0	120.6	111.2
17.5	15.6	18.75°	184.9	176.3	167.5	158.0	148.6	139.4	130.3	121.0	111.6
19.4	17.3	17.5°	184.7	176.1	167.6	158.1	148.9	139.7	130.6	121.3	111.9
21.8	19.0	16.25°	184.4	175.8	167.4	158.2	149.0	139.9	130.8	121.5	112.2
24.5	21.1	15°	183.8	175.4	167.1	158.1	149.0	140.0	130.9	121.7	112.3
27.2	23.6	13.75°	183.2	174.9	166.6	157.9	148.9	139.9	130.9	121.8	112.4
29.8	26.0	12.5°	182.4	174.3	166.1	157.5	148.7	139.8	130.8	121.8	112.4
32.5	28.5	11.25°	181.6	173.6	165.5	157.1	148.3	139.4	130.6	121.8	112.4
35.1	30.9	10°	180.6	172.8	164.7	156.4	147.6	138.8	130.2	121.7	112.3
37.7	33.3	8.75°	179.5	171.9	163.9	155.6	146.8	138.0	129.8	121.5	112.1
40.3	35.6	7.5°	178.5	171.0	163.0	154.7	145.9	137.1	129.2	121.3	111.8
42.8	37.9	6.25°	177.4	170.1	162.0	153.8	144.9	136.1	128.6	121.0	111.5
45.3	40.2	5°	176.1	169.0	160.9	152.7	143.9	135.1	127.8	120.6	111.1
47.7	42.4	3.75°	174.8	167.9	159.8	151.6	142.7	133.9	127.0	120.1	110.7
50.1	44.6	2.5°	173.4	166.6	158.5	150.4	141.5	132.7	126.1	119.6	110.2
52.5	46.7	1.25°	171.9	165.3	157.2	149.1	140.2	131.4	125.2	119.0	109.6
54.7	48.8	0°	170.4	163.9	155.8	147.7	138.9	130.0	124.2	118.3	108.9
56.9	50.8	-1.25°	168.6	162.3	154.5	146.7	138.0	129.3	123.3	117.3	108.1
59.2	52.8	-2.5°	166.7	160.7	153.2	145.6	137.1	128.6	122.4	116.2	107.3
61.4	54.8	-3.75°	164.8	159.0	151.8	144.4	136.1	127.8	121.4	115.1	106.4
63.5	56.7	-5°	162.9	157.2	150.3	143.2	135.0	126.9	120.4	113.9	105.4
65.6	58.7	-6.25°	160.9	155.4	148.7	141.8	133.8	125.9	119.3	112.7	104.4
67.6	60.6	-7.5°	158.8	153.5	147.1	140.4	132.6	124.9	118.2	111.4	103.3
69.6	62.4	-8.75°	156.7	151.6	145.5	139.0	131.3	123.8	116.9	110.0	102.2
71.6	64.2	-10°	154.6	149.6	143.8	137.4	130.0	122.6	115.6	108.6	101.1
73.5	66.0	-11.25°	152.4	147.4	141.9	135.7	128.6	121.3	114.2	107.2	99.9
75.4	67.7	-12.5°	150.2	145.2	139.8	133.7	126.8	119.8	112.7	105.8	98.6
77.4	69.4	-13.75°	147.9	142.9	137.7	131.6	124.9	118.1	111.2	104.3	97.4
79.3	71.0	-15°	145.5	140.6	135.5	129.5	123.0	116.4	109.6	102.8	96.1
81.2	72.5	-16.25°	143.1	138.3	133.3	127.3	121.1	114.6	108.0	101.4	94.7
82.9	74.1	-17.5°	140.6	135.9	131.0	125.1	119.1	112.8	106.4	99.9	93.4
84.6	75.7	-18.75°	138.0	133.4	128.6	122.9	117.0	110.9	104.7	98.4	91.9
86.3	77.2	-20°	135.4	131.0	126.1	120.7	115.0	109.1	103.0	96.8	90.5
87.8	78.6	-21.25°	132.7	128.4	123.7	118.4	112.9	107.1	101.2	95.1	88.9



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**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
89.3	80.0	-22.5°	130.0	125.9	121.2	116.1	110.8	105.2	99.4	93.5	87.3
90.6	81.3	-23.75°	127.3	123.3	118.7	113.8	108.6	103.2	97.6	91.8	85.7
91.9	82.5	-25°	124.5	120.6	116.2	111.5	106.5	101.2	95.7	90.0	84.0
93.2	83.7	-26.25°	121.8	117.9	113.7	109.1	104.3	99.2	93.8	88.3	82.3
94.4	84.7	-27.5°	119.0	115.2	111.1	106.8	102.1	97.2	91.9	86.5	80.5
95.6	85.7	-28.75°	116.1	112.5	108.6	104.4	99.9	95.0	89.9	84.6	78.8
96.7	86.6	-30°	113.3	109.8	106.1	102.0	97.6	92.9	87.9	82.6	77.0
97.7	87.5	-31.25°	110.6	107.1	103.5	99.6	95.4	90.7	85.8	80.7	75.2
98.6	88.3	-32.5°	107.9	104.5	101.0	97.2	93.1	88.5	83.7	78.7	73.4
99.4	89.0	-33.75°	105.1	101.9	98.5	94.8	90.7	86.3	81.6	76.7	71.5
100.1	89.7	-35°	102.4	99.3	95.9	92.4	88.3	84.0	79.5	74.7	69.7
100.7	90.3	-36.25°	99.6	96.6	93.4	90.0	85.9	81.7	77.3	72.7	67.8
101.3	90.9	-37.5°	96.8	93.9	90.9	87.4	83.5	79.4	75.2	70.7	66.0
101.7	91.4	-38.75°	94.0	91.3	88.3	84.8	81.0	77.1	73.0	68.7	64.1
102.1	91.8	-40°	91.2	88.6	85.7	82.2	78.5	74.8	70.9	66.7	62.1
102.4	92.2	-41.25°	88.4	86.0	83.0	79.6	76.1	72.5	68.7	64.7	60.2
102.6	92.4	-42.5°	85.7	83.2	80.2	77.0	73.6	70.2	66.6	62.6	58.3
102.7	92.6	-43.75°	82.9	80.4	77.4	74.4	71.2	67.9	64.4	60.5	56.3
102.7	92.7	-45°	80.1	77.5	74.7	71.8	68.8	65.6	62.2	58.4	54.3
102.7	92.8	-46.25°	77.1	74.6	71.9	69.2	66.4	63.3	60.0	56.3	52.4
102.6	92.8	-47.5°	74.1	71.7	69.2	66.7	64.0	61.0	57.8	54.2	50.4
102.3	92.7	-48.75°	71.1	68.9	66.6	64.2	61.6	58.7	55.6	52.1	48.5
102.0	92.5	-50°	68.2	66.1	64.0	61.7	59.2	56.4	53.4	50.0	46.7
101.7	92.3	-51.25°	65.2	63.4	61.4	59.2	56.8	54.1	51.2	48.0	44.8
101.2	92.0	-52.5°	62.4	60.7	58.8	56.7	54.5	51.9	49.0	46.0	43.0
100.7	91.6	-53.75°	59.7	58.1	56.2	54.3	52.1	49.6	46.9	44.0	41.1
100.1	91.2	-55°	57.0	55.4	53.8	52.0	49.8	47.4	44.8	42.1	39.3
99.5	90.7	-56.25°	54.3	52.9	51.4	49.6	47.6	45.2	42.7	40.1	37.4
98.9	90.2	-57.5°	51.6	50.5	49.0	47.3	45.3	43.0	40.5	38.0	35.5
98.3	89.6	-58.75°	49.2	48.1	46.7	45.0	43.0	40.7	38.4	36.0	33.7
97.6	88.9	-60°	46.8	45.8	44.4	42.6	40.6	38.4	36.2	34.0	31.9
96.8	88.2	-61.25°	44.4	43.6	42.0	40.1	38.2	36.2	34.1	32.1	30.1
96.0	87.5	-62.5°	42.0	41.1	39.4	37.6	35.8	33.9	32.1	30.3	28.3
95.1	86.7	-63.75°	39.4	38.4	36.8	35.1	33.4	31.7	30.1	28.4	26.5
94.2	85.8	-65°	36.6	35.6	34.2	32.6	31.1	29.7	28.1	26.5	24.7
93.2	84.9	-66.25°	33.8	32.8	31.5	30.2	29.0	27.6	26.2	24.6	22.9
92.1	83.9	-67.5°	31.0	30.1	29.1	28.1	26.9	25.6	24.2	22.7	21.3
91.0	82.9	-68.75°	28.3	27.7	26.9	25.9	24.8	23.6	22.2	21.0	19.7
89.9	81.8	-70°	26.0	25.4	24.7	23.8	22.7	21.6	20.5	19.3	18.0
88.7	80.7	-71.25°	23.7	23.2	22.5	21.6	20.7	19.8	18.7	17.6	16.4
87.4	79.6	-72.5°	21.5	21.0	20.4	19.6	18.8	18.0	17.0	15.9	14.8
86.1	78.3	-73.75°	19.2	18.8	18.4	17.7	17.0	16.2	15.3	14.3	13.2
84.7	77.1	-75°	17.2	16.8	16.5	15.9	15.2	14.4	13.5	12.6	11.8
83.3	75.9	-76.25°	15.2	14.9	14.6	14.0	13.4	12.6	11.8	11.2	10.5
81.9	74.6	-77.5°	13.3	13.0	12.7	12.2	11.5	11.0	10.4	9.8	9.2



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**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
80.4	73.3	-78.75°	11.4	11.1	10.8	10.5	10.0	9.6	9.0	8.5	7.9
78.9	72.0	-80°	9.6	9.4	9.2	8.9	8.5	8.1	7.6	7.1	6.6
77.4	70.7	-81.25°	8.0	7.9	7.7	7.4	7.0	6.6	6.2	5.8	5.3
75.8	69.3	-82.5°	6.4	6.3	6.1	5.9	5.5	5.2	4.8	4.4	4.2
74.3	67.9	-83.75°	4.9	4.7	4.5	4.3	4.0	3.9	3.8	3.6	3.5
72.7	66.4	-85°	3.4	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8
71.1	65.0	-86.25°	2.5	2.5	2.5	2.5	2.4	2.3	2.3	2.2	2.1
69.4	63.5	-87.5°	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4
67.8	62.0	-88.75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
66.1	60.4	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.4	58.9										
62.7	57.3										
60.9	55.7										
59.2	54.1										
57.4	52.5										
55.6	51.0										
53.8	49.6										
51.9	48.0										
50.3	46.5										
48.6	45.0										
46.9	43.4										
45.2	41.8										
43.5	40.2										
41.8	38.6										
40.0	37.0										
38.2	35.3										
36.5	33.7										
34.7	32.0										
33.0	30.4										
31.3	28.8										
29.6	27.2										
27.9	25.5										
26.2	24.0										
24.5	22.5										
22.8	21.1										
21.3	19.6										
19.8	18.1										
18.2	16.7										
16.7	15.2										
15.1	13.7										
13.6	12.4										
12.2	11.3										
11.0	10.1										
9.7	9.0										
8.5	7.8										



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**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
7.3	6.6	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	5.5	88.75°	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.3	0.2
4.8	4.4	87.5°	1.8	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5
4.0	3.8	86.25°	2.7	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7
3.3	3.2	85°	3.6	3.2	2.9	2.5	2.2	1.9	1.6	1.3	1.0
2.7	2.5	83.75°	4.5	4.0	3.6	3.2	2.7	2.3	2.0	1.6	1.2
2.0	1.9	82.5°	5.4	4.9	4.3	3.8	3.3	2.8	2.3	1.9	1.5
1.3	1.3	81.25°	6.3	5.7	5.0	4.4	3.8	3.3	2.7	2.2	1.7
0.7	0.6	80°	7.4	6.4	5.7	5.0	4.4	3.7	3.1	2.5	2.0
0.0	0.0	78.75°	9.0	7.6	6.4	5.7	4.9	4.2	3.5	2.8	2.2
		77.5°	10.6	9.1	7.6	6.3	5.4	4.6	3.9	3.2	2.5
		76.25°	12.2	10.5	8.9	7.3	6.0	5.1	4.3	3.5	2.7
		75°	13.7	12.0	10.2	8.4	6.7	5.6	4.6	3.8	2.9
		73.75°	15.3	13.4	11.5	9.6	7.7	6.0	5.0	4.1	3.2
		72.5°	16.9	14.8	12.8	10.8	8.8	6.7	5.4	4.4	3.4
		71.25°	18.4	16.2	14.1	11.9	9.8	7.6	5.7	4.7	3.6
		70°	20.1	17.7	15.4	13.1	10.8	8.5	6.3	5.0	3.9
		68.75°	22.4	19.0	16.6	14.2	11.8	9.4	7.0	5.3	4.1
		67.5°	24.6	20.9	17.9	15.3	12.8	10.3	7.7	5.5	4.3
		66.25°	26.8	22.8	19.1	16.4	13.8	11.1	8.5	5.9	4.6
		65°	28.9	24.8	20.8	17.5	14.7	12.0	9.2	6.5	4.8
		63.75°	31.0	26.6	22.5	18.6	15.7	12.8	9.9	7.1	5.0
		62.5°	33.1	28.5	24.1	20.0	16.7	13.6	10.6	7.7	5.2
		61.25°	35.1	30.3	25.7	21.4	17.6	14.5	11.3	8.2	5.4
		60°	37.1	32.1	27.3	22.8	18.5	15.3	12.0	8.8	5.6
		58.75°	39.1	33.8	28.9	24.2	19.7	16.1	12.7	9.4	6.1
		57.5°	41.0	35.5	30.4	25.5	20.9	16.9	13.4	9.9	6.5
		56.25°	43.0	37.2	31.9	26.8	22.0	17.6	14.1	10.5	6.9
		55°	44.8	38.9	33.3	28.1	23.1	18.4	14.7	11.0	7.4
		53.75°	46.7	40.6	34.7	29.3	24.2	19.3	15.3	11.6	7.8
		52.5°	48.5	42.2	36.1	30.5	25.3	20.3	16.0	12.1	8.2
		51.25°	50.2	43.8	37.5	31.7	26.3	21.1	16.6	12.6	8.6
		50°	51.9	45.4	39.0	32.8	27.3	22.0	17.2	13.1	9.0
		48.75°	53.6	46.9	40.3	33.9	28.3	22.9	17.8	13.6	9.4
		47.5°	55.2	48.4	41.7	35.1	29.2	23.7	18.4	14.0	9.7
		46.25°	56.9	49.8	43.0	36.2	30.1	24.5	19.1	14.5	10.1
		45°	58.5	51.2	44.2	37.4	31.0	25.2	19.8	14.9	10.5
		43.75°	60.1	52.5	45.4	38.5	31.8	26.0	20.4	15.4	10.8
		42.5°	61.6	53.9	46.6	39.5	32.7	26.7	21.0	15.8	11.1
		41.25°	63.1	55.3	47.8	40.6	33.5	27.4	21.6	16.2	11.5
		40°	64.5	56.6	48.9	41.6	34.3	28.1	22.2	16.6	11.8
		38.75°	65.9	57.8	49.9	42.5	35.2	28.7	22.7	16.9	12.1
		37.5°	67.3	59.1	51.0	43.4	36.0	29.3	23.3	17.3	12.4
		36.25°	68.5	60.2	52.0	44.3	36.8	29.9	23.8	17.7	12.7
		35°	69.8	61.4	53.0	45.2	37.6	30.5	24.3	18.1	12.9



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**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
0.0	0.0	33.75°	71.0	62.5	54.0	46.0	38.3	31.0	24.8	18.5	13.2
0.2	0.1	32.5°	72.1	63.5	54.9	46.8	39.0	31.6	25.3	18.9	13.4
0.4	0.2	31.25°	73.3	64.5	55.9	47.5	39.7	32.1	25.7	19.3	13.7
0.5	0.4	30°	74.4	65.5	56.7	48.2	40.3	32.7	26.1	19.6	13.9
0.7	0.5	28.75°	75.4	66.4	57.5	48.8	40.9	33.3	26.6	20.0	14.1
0.9	0.6	27.5°	76.3	67.2	58.3	49.5	41.6	33.8	26.9	20.3	14.3
1.1	0.7	26.25°	77.2	68.0	59.0	50.1	42.2	34.3	27.3	20.6	14.5
1.3	0.8	25°	78.0	68.8	59.7	50.8	42.7	34.8	27.7	20.9	14.7
1.4	0.9	23.75°	78.8	69.5	60.4	51.5	43.3	35.3	28.0	21.2	14.9
1.6	1.1	22.5°	79.5	70.1	61.0	52.1	43.8	35.8	28.3	21.5	15.0
1.8	1.2	21.25°	80.1	70.7	61.6	52.6	44.3	36.2	28.6	21.7	15.2
2.0	1.3	20°	80.6	71.3	62.1	53.2	44.7	36.6	28.9	21.9	15.3
2.2	1.4	18.75°	81.1	71.8	62.6	53.7	45.1	36.9	29.2	22.2	15.4
2.3	1.5	17.5°	81.6	72.3	63.1	54.1	45.5	37.3	29.4	22.4	15.6
2.5	1.6	16.25°	82.0	72.7	63.5	54.5	45.8	37.6	29.7	22.5	15.7
2.7	1.7	15°	82.3	73.0	63.8	54.8	46.1	37.9	29.9	22.7	15.8
2.8	1.9	13.75°	82.6	73.3	64.1	55.1	46.4	38.1	30.0	22.9	15.8
3.0	2.0	12.5°	82.9	73.5	64.3	55.4	46.7	38.3	30.2	23.0	15.9
3.2	2.1	11.25°	83.0	73.7	64.5	55.6	46.9	38.5	30.4	23.1	16.0
3.3	2.2	10°	83.1	73.8	64.7	55.8	47.0	38.7	30.5	23.2	16.0
3.5	2.3	8.75°	83.2	73.9	64.8	55.9	47.2	38.8	30.6	23.3	16.0
3.7	2.4	7.5°	83.1	74.0	64.8	56.0	47.3	38.9	30.7	23.3	16.1
3.8	2.5	6.25°	83.1	73.9	64.8	56.1	47.4	39.0	30.7	23.4	16.1
4.0	2.6	5°	82.9	73.9	64.8	56.1	47.4	39.1	30.8	23.4	16.1
4.1	2.7	3.75°	82.8	73.7	64.7	56.1	47.4	39.1	30.8	23.4	16.1
4.3	2.8	2.5°	82.5	73.5	64.6	56.0	47.4	39.1	30.8	23.4	16.1
4.4	2.9	1.25°	82.2	73.3	64.4	55.9	47.4	39.1	30.7	23.4	16.0
4.6	3.0	0°	81.9	73.1	64.2	55.8	47.3	39.0	30.7	23.4	16.0
4.7	3.1	-1.25°	81.4	72.6	63.8	55.5	47.2	38.9	30.6	23.3	16.0
4.9	3.2	-2.5°	80.9	72.2	63.4	55.2	47.0	38.7	30.5	23.2	16.0
5.0	3.3	-3.75°	80.3	71.6	63.0	54.9	46.8	38.5	30.3	23.1	15.9
5.2	3.4	-5°	79.6	71.1	62.5	54.6	46.5	38.3	30.2	23.0	15.9
5.3	3.5	-6.25°	79.0	70.5	62.0	54.2	46.2	38.1	30.0	22.9	15.8
5.4	3.6	-7.5°	78.2	69.8	61.5	53.8	45.9	37.8	29.8	22.8	15.8
5.6	3.6	-8.75°	77.4	69.1	60.9	53.3	45.6	37.5	29.5	22.6	15.7
5.9	3.7	-10°	76.6	68.4	60.3	52.9	45.2	37.2	29.3	22.4	15.6
6.2	3.8	-11.25°	75.7	67.6	59.7	52.4	44.8	36.9	29.0	22.3	15.5
6.4	3.9	-12.5°	74.8	66.8	59.0	51.8	44.4	36.5	28.8	22.1	15.4
6.7	4.0	-13.75°	73.9	66.0	58.3	51.3	43.9	36.1	28.5	21.8	15.3
6.9	4.0	-15°	72.9	65.1	57.6	50.7	43.5	35.7	28.2	21.6	15.1
7.2	4.1	-16.25°	71.8	64.1	56.9	50.1	42.9	35.2	27.8	21.4	15.0
7.4	4.2	-17.5°	70.7	63.2	56.1	49.5	42.4	34.7	27.5	21.1	14.9
7.6	4.2	-18.75°	69.6	62.2	55.4	48.9	41.8	34.2	27.1	20.8	14.7
7.8	4.3	-20°	68.5	61.1	54.6	48.2	41.2	33.7	26.8	20.6	14.5
8.0	4.4	-21.25°	67.4	60.1	53.7	47.6	40.6	33.2	26.4	20.3	14.4



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
8.2	4.4	-22.5°	66.2	59.0	52.9	46.9	39.9	32.6	26.0	19.9	14.2
8.4	4.5	-23.75°	65.1	58.0	52.1	46.2	39.2	32.0	25.6	19.6	14.0
8.6	4.6	-25°	63.9	57.0	51.3	45.4	38.5	31.3	25.1	19.3	13.8
8.8	4.6	-26.25°	62.6	56.0	50.4	44.7	37.8	30.7	24.7	18.9	13.6
9.0	4.7	-27.5°	61.3	55.0	49.5	43.9	37.0	30.0	24.2	18.6	13.4
9.1	4.7	-28.75°	60.0	54.0	48.6	42.9	36.2	29.3	23.8	18.2	13.2
9.3	4.8	-30°	58.7	53.0	47.7	42.0	35.4	28.6	23.3	17.9	12.9
9.4	4.8	-31.25°	57.4	51.9	46.7	41.0	34.5	27.9	22.8	17.5	12.7
9.5	4.9	-32.5°	56.0	50.8	45.7	40.0	33.7	27.3	22.3	17.1	12.4
9.7	4.9	-33.75°	54.7	49.7	44.7	39.0	32.8	26.7	21.8	16.7	12.2
9.8	4.9	-35°	53.4	48.6	43.7	38.0	31.9	26.1	21.3	16.2	11.9
9.9	5.0	-36.25°	52.1	47.4	42.6	37.0	31.0	25.5	20.8	15.8	11.7
10.0	5.0	-37.5°	50.9	46.2	41.5	35.9	30.1	24.9	20.3	15.4	11.4
10.1	5.0	-38.75°	49.5	45.0	40.3	34.8	29.1	24.3	19.7	15.1	11.1
10.2	5.1	-40°	48.2	43.8	39.1	33.8	28.2	23.6	19.2	14.7	10.8
10.3	5.1	-41.25°	46.9	42.6	37.8	32.7	27.2	23.0	18.6	14.3	10.5
10.3	5.1	-42.5°	45.5	41.3	36.6	31.6	26.4	22.3	18.0	13.9	10.2
10.4	5.1	-43.75°	44.1	40.0	35.4	30.4	25.7	21.6	17.5	13.6	9.9
10.5	5.1	-45°	42.7	38.6	34.1	29.3	24.9	20.9	16.9	13.2	9.6
10.5	5.2	-46.25°	41.2	37.2	32.8	28.2	24.1	20.2	16.3	12.7	9.2
10.6	5.2	-47.5°	39.8	35.8	31.6	27.0	23.3	19.5	15.7	12.3	8.9
10.6	5.2	-48.75°	38.3	34.4	30.3	26.0	22.4	18.8	15.1	11.9	8.6
10.6	5.2	-50°	36.8	33.0	29.0	25.0	21.6	18.0	14.6	11.5	8.2
10.6	5.2	-51.25°	35.2	31.6	27.7	24.1	20.7	17.3	14.0	11.0	7.9
10.6	5.2	-52.5°	33.7	30.2	26.4	23.1	19.9	16.5	13.5	10.6	7.5
10.6	5.2	-53.75°	32.2	28.7	25.2	22.2	19.0	15.8	12.9	10.2	7.2
10.6	5.2	-55°	30.6	27.3	24.1	21.2	18.1	15.0	12.4	9.7	6.8
10.6	5.2	-56.25°	29.1	25.9	23.0	20.2	17.2	14.4	11.8	9.2	6.4
10.6	5.2	-57.5°	27.6	24.6	21.9	19.2	16.3	13.7	11.3	8.7	6.0
10.6	5.2	-58.75°	26.0	23.4	20.8	18.2	15.4	13.0	10.7	8.3	5.7
10.6	5.2	-60°	24.5	22.1	19.7	17.1	14.5	12.4	10.1	7.8	5.3
10.5	5.2	-61.25°	23.2	20.9	18.6	16.1	13.8	11.7	9.6	7.3	5.1
10.5	5.2	-62.5°	21.8	19.7	17.4	15.1	13.0	11.1	9.0	6.8	4.9
10.4	5.2	-63.75°	20.5	18.4	16.3	14.1	12.3	10.4	8.4	6.3	4.7
10.4	5.1	-65°	19.1	17.2	15.1	13.2	11.5	9.7	7.8	5.8	4.5
10.3	5.1	-66.25°	17.8	15.9	14.0	12.4	10.7	9.0	7.2	5.3	4.3
10.3	5.1	-67.5°	16.4	14.6	13.0	11.5	10.0	8.3	6.6	5.0	4.0
10.2	5.1	-68.75°	15.0	13.4	12.1	10.7	9.2	7.6	6.0	4.7	3.8
10.1	5.1	-70°	13.7	12.4	11.1	9.8	8.4	6.9	5.4	4.5	3.6
10.0	5.0	-71.25°	12.5	11.4	10.2	9.0	7.6	6.2	5.0	4.2	3.4
9.9	5.0	-72.5°	11.4	10.4	9.3	8.1	6.8	5.5	4.6	3.9	3.2
9.8	5.0	-73.75°	10.3	9.3	8.3	7.2	6.1	4.9	4.3	3.7	3.0
9.7	4.9	-75°	9.2	8.3	7.4	6.3	5.3	4.6	4.0	3.4	2.7
9.6	4.9	-76.25°	8.1	7.3	6.4	5.5	4.7	4.2	3.7	3.1	2.5
9.5	4.9	-77.5°	7.1	6.3	5.5	4.7	4.3	3.8	3.3	2.8	2.3



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
9.3	4.8	-78.75°	6.0	5.3	4.6	4.3	3.9	3.4	3.0	2.5	2.1
9.2	4.8	-80°	4.9	4.4	4.1	3.8	3.4	3.1	2.7	2.3	1.8
9.0	4.7	-81.25°	4.2	3.9	3.6	3.3	3.0	2.7	2.3	2.0	1.6
8.9	4.7	-82.5°	3.6	3.3	3.1	2.8	2.6	2.3	2.0	1.7	1.4
8.7	4.6	-83.75°	3.0	2.8	2.6	2.4	2.1	1.9	1.7	1.4	1.2
8.6	4.6	-85°	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9
8.4	4.5	-86.25°	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.9	0.7
8.2	4.5	-87.5°	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.5
8.0	4.4	-88.75°	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2
7.8	4.3	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	4.3										
7.4	4.2										
7.2	4.1										
7.0	4.1										
6.8	4.0										
6.6	3.9										
6.4	3.9										
6.1	3.8										
5.9	3.7										
5.6	3.6										
5.4	3.5										
5.2	3.5										
5.1	3.4										
4.9	3.3										
4.8	3.2										
4.7	3.1										
4.5	3.0										
4.4	2.9										
4.2	2.8										
4.1	2.7										
3.9	2.6										
3.8	2.5										
3.6	2.4										
3.5	2.3										
3.3	2.2										
3.2	2.1										
3.0	2.0										
2.9	1.9										
2.7	1.8										
2.5	1.7										
2.4	1.6										
2.2	1.5										
2.0	1.4										
1.9	1.2										
1.7	1.1										



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		88.75°	90°
1.5	1.0	90°	0.0	0.0
1.4	0.9	88.75°	0.1	0.0
1.2	0.8	87.5°	0.1	0.0
1.0	0.7	86.25°	0.2	0.0
0.9	0.6	85°	0.2	0.0
0.7	0.5	83.75°	0.3	0.0
0.5	0.3	82.5°	0.3	0.0
0.3	0.2	81.25°	0.4	0.0
0.2	0.1	80°	0.5	0.0
0.0	0.0	78.75°	0.5	0.0
		77.5°	0.6	0.0
		76.25°	0.6	0.0
		75°	0.7	0.0
		73.75°	0.7	0.0
		72.5°	0.8	0.0
		71.25°	0.9	0.0
		70°	0.9	0.0
		68.75°	1.0	0.0
		67.5°	1.0	0.0
		66.25°	1.1	0.0
		65°	1.1	0.0
		63.75°	1.2	0.0
		62.5°	1.2	0.0
		61.25°	1.3	0.0
		60°	1.3	0.0
		58.75°	1.4	0.0
		57.5°	1.4	0.0
		56.25°	1.5	0.0
		55°	1.5	0.0
		53.75°	1.6	0.0
		52.5°	1.6	0.0
		51.25°	1.7	0.0
		50°	1.7	0.0
		48.75°	1.7	0.0
		47.5°	1.8	0.0
		46.25°	1.8	0.0
		45°	1.9	0.0
		43.75°	1.9	0.0
		42.5°	1.9	0.0
		41.25°	2.0	0.0
		40°	2.0	0.0
		38.75°	2.1	0.0
		37.5°	2.1	0.0
		36.25°	2.1	0.0
		35°	2.2	0.0



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P394881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 303-S1-LEDB2-3000-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)