

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: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **303-S1-LEDB1-4000-UNV-T2-DIM10**

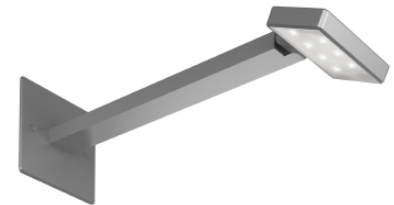
Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/9/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 303-S1-LEDB1-4000-UNV-T2-DIM10  
Description: LUMIERE EON LED LUMINAIRE  
CEILING WALL MOUNT, ONE LIGHTBAR, TYPE 2  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

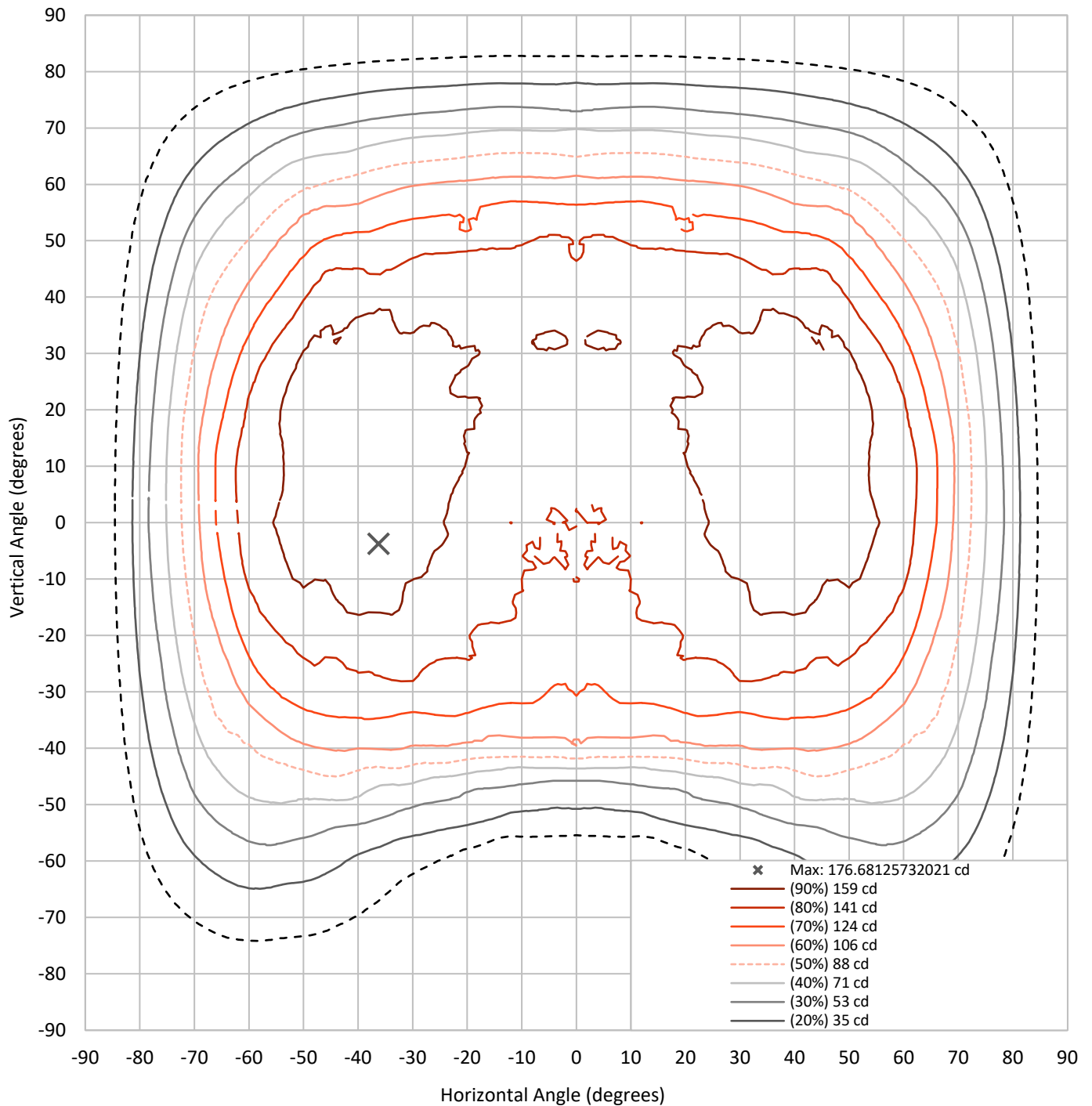
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	566.3 lumens	Max Intensity:	176.7 candela
Efficiency:	N/A	Max Intensity Angle:	-36.25°H x -3.75°V
Efficacy:	69.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.38' x L: 0.21' x H: 0')		
Beam Angle (50%):	144.3°H x 106.1°V	Field Angle (10%):	168.9°H x 148.8°V
Beam Lumens:	479.6 lumens	Field Lumens:	559.2 lumens
Beam Efficiency:	84.7%	Field Efficiency:	98.7%
Input Watts (W):	8.2		
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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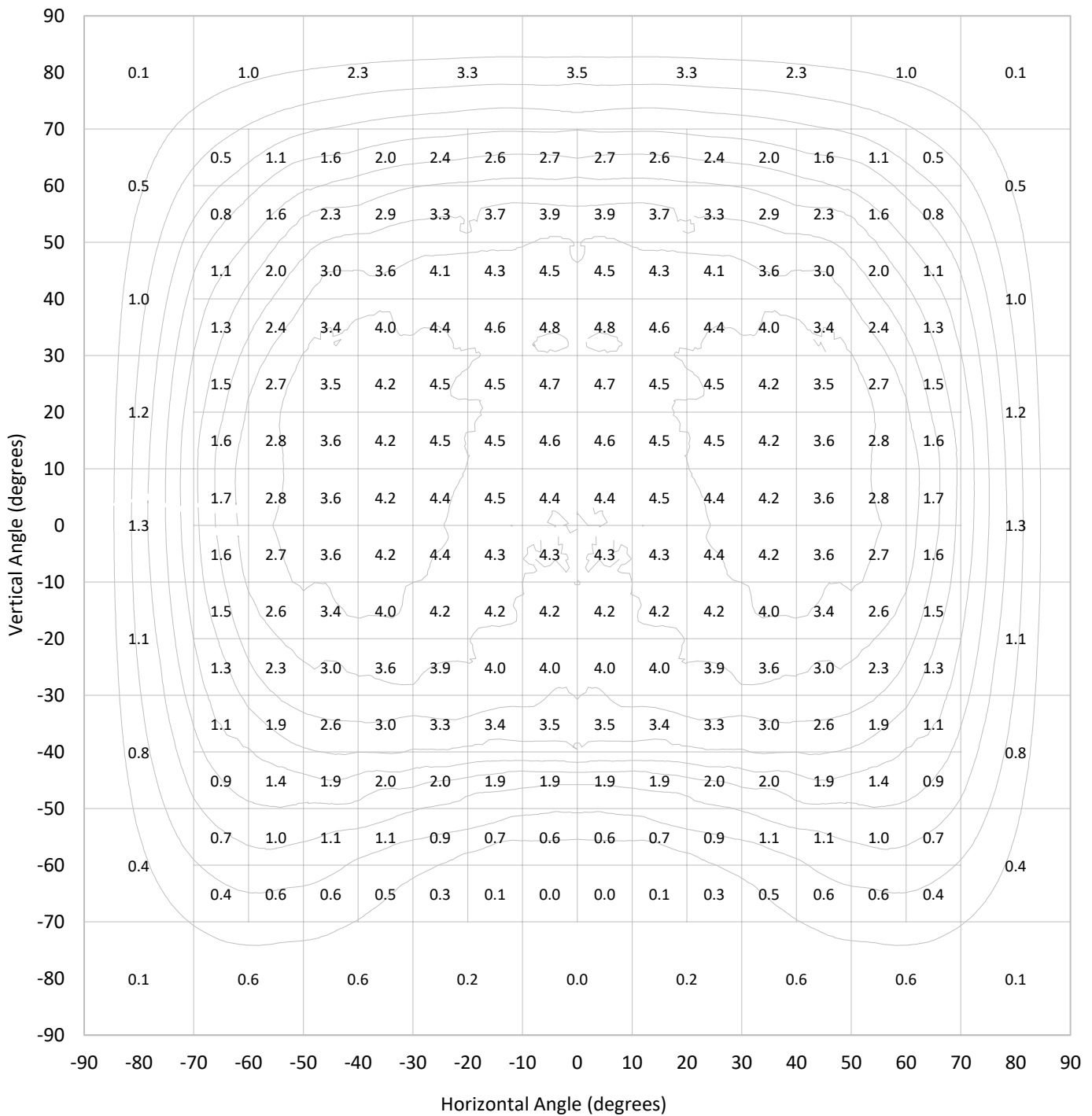
### Iso-Candela Plot





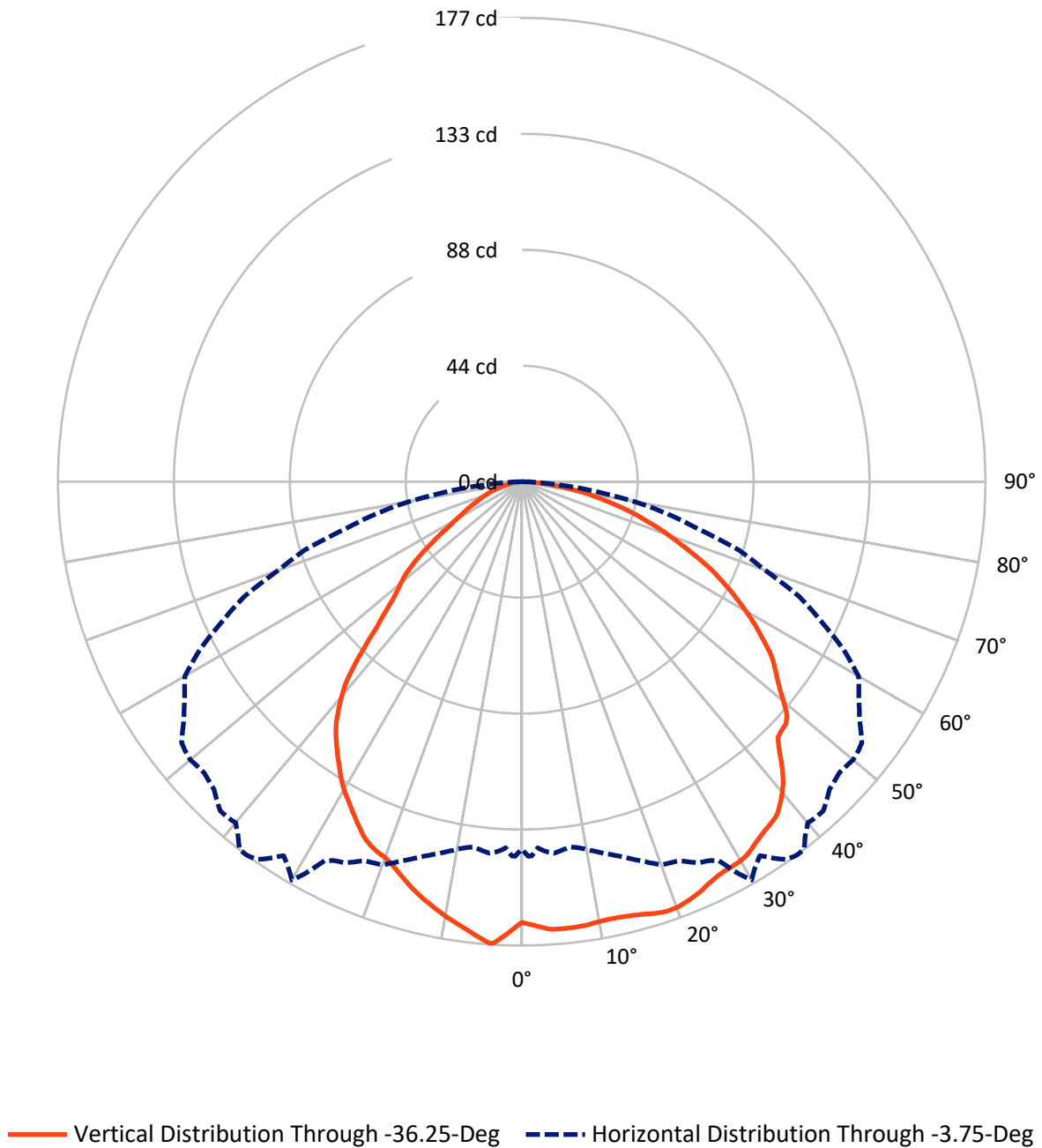
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### Lumen Table



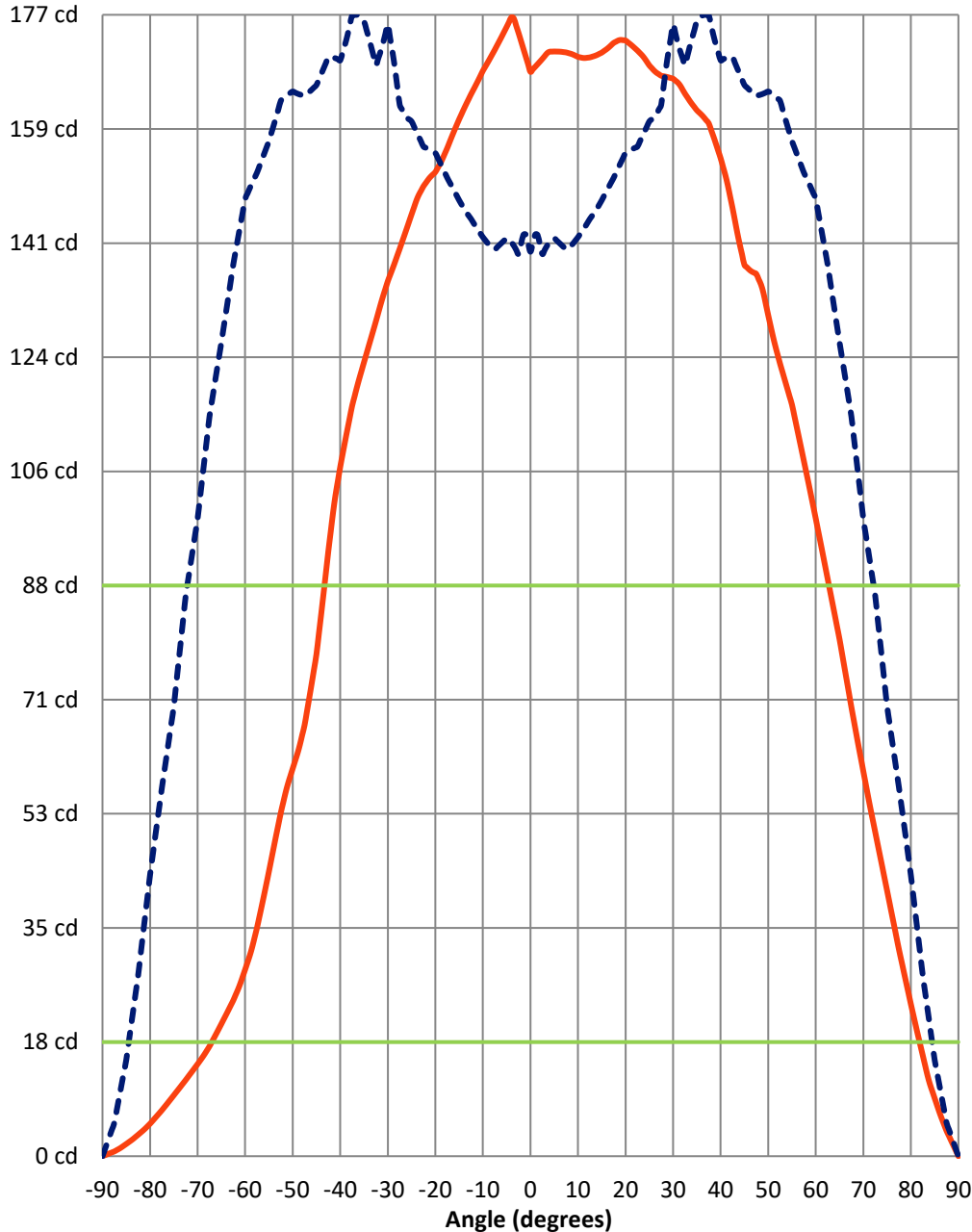
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 144.3°  
 V Angle: 106.1°  
 Lumens: 479.6  
 Efficiency: 84.7%

**Field:**  
 H Angle: 168.9°  
 V Angle: 148.8°  
 Lumens: 559.2  
 Efficiency: 98.7%

**Spill:**  
 Lumens: 7.2  
 Efficiency: 1.3%

— Vertical Distribution through -36.25-Deg  
 - - - Horizontal Distribution through -3.75-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	0.4	0.5	0.6	0.6
87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	1.0	1.1	1.2
86.25°	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.3	1.5	1.7	1.8
85°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.7	1.9	2.2	2.5
83.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
82.5°	0.0	0.3	0.7	1.0	1.4	1.8	2.1	2.5	2.9	3.3	3.7
81.25°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.4	3.8	4.3
80°	0.0	0.5	0.9	1.4	1.9	2.4	2.9	3.4	3.9	4.4	4.9
78.75°	0.0	0.5	1.0	1.6	2.1	2.7	3.2	3.8	4.3	4.9	5.5
77.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.6	4.2	4.8	5.5	6.4
76.25°	0.0	0.6	1.3	1.9	2.6	3.2	3.9	4.6	5.3	6.2	7.4
75°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.0	5.9	7.2	8.4
73.75°	0.0	0.7	1.5	2.2	3.0	3.8	4.6	5.4	6.7	8.1	9.4
72.5°	0.0	0.8	1.6	2.4	3.2	4.1	4.9	6.0	7.5	9.0	10.4
71.25°	0.0	0.8	1.7	2.6	3.5	4.4	5.3	6.7	8.3	9.9	11.4
70°	0.0	0.9	1.8	2.7	3.7	4.6	5.7	7.4	9.1	10.7	12.3
68.75°	0.0	1.0	1.9	2.9	3.9	4.9	6.3	8.1	9.9	11.6	13.3
67.5°	0.0	1.0	2.0	3.1	4.1	5.2	6.9	8.8	10.7	12.5	14.3
66.25°	0.0	1.1	2.1	3.2	4.3	5.5	7.5	9.5	11.5	13.4	15.2
65°	0.0	1.1	2.2	3.4	4.5	6.0	8.1	10.2	12.2	14.2	16.6
63.75°	0.0	1.2	2.3	3.5	4.8	6.5	8.7	10.9	13.0	15.1	17.9
62.5°	0.0	1.2	2.4	3.7	5.0	7.0	9.3	11.5	13.8	16.2	19.2
61.25°	0.0	1.3	2.5	3.8	5.2	7.4	9.8	12.2	14.5	17.3	20.4
60°	0.0	1.3	2.6	4.0	5.4	7.9	10.4	12.9	15.3	18.5	21.7
58.75°	0.0	1.4	2.7	4.1	5.7	8.4	11.0	13.5	16.3	19.6	23.0
57.5°	0.0	1.4	2.8	4.3	6.1	8.9	11.5	14.2	17.2	20.7	24.2
56.25°	0.0	1.5	2.9	4.4	6.5	9.3	12.1	14.8	18.2	21.8	25.4
55°	0.0	1.5	3.0	4.6	6.8	9.8	12.6	15.4	19.2	22.9	26.6
53.75°	0.0	1.5	3.1	4.7	7.2	10.2	13.2	16.3	20.1	24.0	27.8
52.5°	0.0	1.6	3.2	4.9	7.5	10.6	13.7	17.1	21.1	25.0	29.0
51.25°	0.0	1.6	3.3	5.0	7.9	11.1	14.2	17.9	22.0	26.1	30.2
50°	0.0	1.7	3.4	5.1	8.2	11.5	14.7	18.7	22.9	27.1	31.4
48.75°	0.0	1.7	3.5	5.3	8.5	11.9	15.2	19.5	23.8	28.1	32.6
47.5°	0.0	1.8	3.6	5.4	8.9	12.3	15.8	20.2	24.7	29.1	33.7
46.25°	0.0	1.8	3.6	5.7	9.2	12.7	16.4	21.0	25.5	30.1	34.9
45°	0.0	1.9	3.7	5.9	9.5	13.1	17.1	21.7	26.4	31.1	36.0
43.75°	0.0	1.9	3.8	6.1	9.8	13.5	17.7	22.5	27.2	32.1	37.0
42.5°	0.0	1.9	3.9	6.4	10.1	13.8	18.3	23.2	28.0	33.0	38.1
41.25°	0.0	2.0	4.0	6.6	10.4	14.2	18.9	23.9	28.8	33.9	39.1
40°	0.0	2.0	4.0	6.8	10.6	14.5	19.4	24.5	29.6	34.8	40.1
38.75°	0.0	2.0	4.1	7.0	10.9	14.9	20.0	25.2	30.4	35.7	41.0
37.5°	0.0	2.1	4.2	7.2	11.2	15.2	20.5	25.8	31.1	36.5	42.0
36.25°	0.0	2.1	4.2	7.4	11.4	15.6	21.0	26.5	31.9	37.3	42.9
35°	0.0	2.1	4.3	7.6	11.7	16.0	21.5	27.1	32.6	38.1	44.0



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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	7.7	11.9	16.4	22.0	27.6	33.2	38.9	44.9
32.5°	0.0	2.2	4.4	7.9	12.1	16.8	22.5	28.2	33.9	39.6	45.9
31.25°	0.0	2.2	4.5	8.1	12.4	17.1	22.9	28.7	34.5	40.4	46.8
30°	0.0	2.3	4.5	8.2	12.6	17.5	23.3	29.2	35.2	41.0	47.7
28.75°	0.0	2.3	4.6	8.4	12.8	17.8	23.7	29.7	35.7	41.7	48.5
27.5°	0.0	2.3	4.7	8.5	13.0	18.2	24.1	30.2	36.3	42.3	49.3
26.25°	0.0	2.3	4.7	8.7	13.2	18.5	24.5	30.7	36.9	43.0	50.0
25°	0.0	2.4	4.8	8.8	13.3	18.8	24.9	31.1	37.5	43.7	50.7
23.75°	0.0	2.4	4.8	8.9	13.5	19.1	25.2	31.6	38.0	44.4	51.4
22.5°	0.0	2.4	4.8	9.1	13.7	19.3	25.5	32.0	38.5	45.1	52.1
21.25°	0.0	2.4	4.9	9.2	13.8	19.6	25.9	32.4	39.0	45.7	52.8
20°	0.0	2.5	4.9	9.3	14.0	19.8	26.1	32.8	39.5	46.3	53.4
18.75°	0.0	2.5	5.0	9.4	14.1	20.1	26.4	33.2	39.9	46.8	54.0
17.5°	0.0	2.5	5.0	9.5	14.2	20.3	26.7	33.5	40.4	47.4	54.5
16.25°	0.0	2.5	5.0	9.6	14.3	20.5	26.9	33.8	40.8	47.8	55.0
15°	0.0	2.5	5.0	9.7	14.5	20.7	27.1	34.1	41.2	48.3	55.5
13.75°	0.0	2.5	5.1	9.7	14.6	20.8	27.3	34.4	41.6	48.7	56.0
12.5°	0.0	2.5	5.1	9.8	14.6	21.0	27.5	34.7	41.9	49.1	56.3
11.25°	0.0	2.6	5.1	9.9	14.7	21.1	27.6	34.9	42.2	49.4	56.7
10°	0.0	2.6	5.1	9.9	14.8	21.2	27.8	35.2	42.6	49.8	57.0
8.75°	0.0	2.6	5.2	10.0	14.8	21.3	27.9	35.4	42.8	50.0	57.3
7.5°	0.0	2.6	5.2	10.0	14.9	21.4	28.0	35.5	43.1	50.3	57.5
6.25°	0.0	2.6	5.2	10.0	14.9	21.5	28.1	35.7	43.3	50.5	57.7
5°	0.0	2.6	5.2	10.1	15.0	21.5	28.1	35.8	43.5	50.7	57.9
3.75°	0.0	2.6	5.2	10.1	15.0	21.6	28.2	35.9	43.7	50.8	58.0
2.5°	0.0	2.6	5.2	10.1	15.0	21.6	28.2	36.0	43.8	51.0	58.1
1.25°	0.0	2.6	5.2	10.1	15.0	21.6	28.2	36.1	43.9	51.0	58.2
0°	0.0	2.6	5.2	10.1	15.0	21.6	28.2	36.1	44.0	51.1	58.2
-1.25°	0.0	2.6	5.2	10.1	15.0	21.6	28.2	36.0	43.9	50.9	57.9
-2.5°	0.0	2.6	5.2	10.1	15.0	21.5	28.1	35.9	43.7	50.6	57.5
-3.75°	0.0	2.6	5.2	10.1	15.0	21.5	28.1	35.9	43.7	50.6	57.5
-5°	0.0	2.6	5.2	10.0	14.9	21.4	27.9	35.6	43.3	50.0	56.6
-6.25°	0.0	2.6	5.2	10.0	14.8	21.3	27.8	35.4	43.1	49.7	56.1
-7.5°	0.0	2.6	5.2	9.9	14.7	21.2	27.6	35.2	42.8	49.3	55.6
-8.75°	0.0	2.6	5.1	9.9	14.7	21.0	27.5	35.0	42.5	48.9	55.1
-10°	0.0	2.6	5.1	9.8	14.6	20.9	27.3	34.7	42.2	48.5	54.6
-11.25°	0.0	2.6	5.1	9.8	14.5	20.7	27.1	34.4	41.8	48.1	54.0
-12.5°	0.0	2.5	5.1	9.7	14.4	20.6	26.9	34.1	41.4	47.6	53.4
-13.75°	0.0	2.5	5.1	9.6	14.3	20.4	26.7	33.8	41.0	47.2	52.8
-15°	0.0	2.5	5.0	9.5	14.2	20.2	26.4	33.4	40.6	46.7	52.2
-16.25°	0.0	2.5	5.0	9.4	14.0	20.0	26.2	33.1	40.1	46.2	51.6
-17.5°	0.0	2.5	5.0	9.4	13.9	19.7	25.9	32.7	39.6	45.7	50.9
-18.75°	0.0	2.5	4.9	9.2	13.8	19.5	25.6	32.3	39.1	45.1	50.2
-20°	0.0	2.4	4.9	9.1	13.6	19.2	25.3	31.8	38.6	44.6	49.6
-21.25°	0.0	2.4	4.8	9.0	13.4	19.0	24.9	31.4	38.1	44.0	48.9





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	2.4	4.8	8.9	13.3	18.7	24.6	30.9	37.5	43.5	48.2
-23.75°	0.0	2.4	4.8	8.8	13.1	18.4	24.2	30.4	36.9	42.9	47.5
-25°	0.0	2.4	4.7	8.6	12.9	18.1	23.8	29.9	36.3	42.3	46.9
-26.25°	0.0	2.3	4.7	8.5	12.7	17.7	23.4	29.3	35.7	41.7	46.3
-27.5°	0.0	2.3	4.6	8.4	12.5	17.4	23.0	28.8	35.0	41.1	45.7
-28.75°	0.0	2.3	4.6	8.2	12.3	17.1	22.6	28.2	34.3	40.3	45.0
-30°	0.0	2.3	4.5	8.0	12.1	16.7	22.2	27.6	33.7	39.5	44.3
-31.25°	0.0	2.2	4.4	7.9	11.9	16.3	21.7	27.1	32.9	38.7	43.6
-32.5°	0.0	2.2	4.4	7.7	11.7	15.9	21.2	26.5	32.2	37.9	42.8
-33.75°	0.0	2.2	4.3	7.5	11.4	15.5	20.7	25.9	31.4	37.0	42.1
-35°	0.0	2.1	4.3	7.4	11.2	15.1	20.2	25.3	30.7	36.1	41.3
-36.25°	0.0	2.1	4.2	7.2	10.9	14.7	19.7	24.7	29.9	35.2	40.5
-37.5°	0.0	2.1	4.1	7.0	10.7	14.3	19.2	24.1	29.0	34.3	39.5
-38.75°	0.0	2.0	4.1	6.8	10.4	14.0	18.7	23.4	28.2	33.3	38.4
-40°	0.0	2.0	4.0	6.6	10.2	13.6	18.1	22.8	27.3	32.4	37.3
-41.25°	0.0	2.0	3.9	6.4	9.9	13.3	17.5	22.1	26.5	31.4	36.3
-42.5°	0.0	1.9	3.8	6.2	9.6	12.9	17.0	21.4	25.7	30.4	35.1
-43.75°	0.0	1.9	3.8	6.0	9.3	12.6	16.4	20.7	24.9	29.4	34.0
-45°	0.0	1.8	3.7	5.8	9.0	12.2	15.7	20.0	24.1	28.3	32.8
-46.25°	0.0	1.8	3.6	5.5	8.8	11.9	15.1	19.3	23.2	27.3	31.7
-47.5°	0.0	1.8	3.5	5.3	8.5	11.5	14.5	18.5	22.4	26.2	30.5
-48.75°	0.0	1.7	3.4	5.1	8.1	11.1	14.0	17.8	21.6	25.2	29.3
-50°	0.0	1.7	3.3	5.0	7.8	10.7	13.5	17.0	20.7	24.2	28.1
-51.25°	0.0	1.6	3.3	4.9	7.5	10.3	13.0	16.3	19.8	23.3	26.8
-52.5°	0.0	1.6	3.2	4.7	7.2	9.9	12.5	15.5	19.0	22.3	25.6
-53.75°	0.0	1.5	3.1	4.6	6.9	9.5	12.0	14.7	18.1	21.3	24.4
-55°	0.0	1.5	3.0	4.5	6.5	9.1	11.6	13.9	17.2	20.3	23.3
-56.25°	0.0	1.4	2.9	4.3	6.2	8.7	11.1	13.3	16.3	19.3	22.2
-57.5°	0.0	1.4	2.8	4.2	5.9	8.3	10.5	12.8	15.4	18.3	21.1
-58.75°	0.0	1.3	2.7	4.0	5.5	7.8	10.0	12.2	14.5	17.3	20.0
-60°	0.0	1.3	2.6	3.9	5.2	7.4	9.5	11.6	13.6	16.3	18.9
-61.25°	0.0	1.3	2.5	3.7	5.0	7.0	9.0	11.0	12.9	15.2	17.7
-62.5°	0.0	1.2	2.4	3.6	4.8	6.5	8.5	10.4	12.2	14.2	16.6
-63.75°	0.0	1.1	2.3	3.4	4.6	6.1	7.9	9.7	11.5	13.2	15.4
-65°	0.0	1.1	2.2	3.3	4.4	5.6	7.4	9.1	10.8	12.4	14.3
-66.25°	0.0	1.0	2.1	3.1	4.2	5.2	6.9	8.5	10.1	11.6	13.1
-67.5°	0.0	1.0	2.0	3.0	4.0	4.9	6.3	7.9	9.4	10.9	12.3
-68.75°	0.0	0.9	1.9	2.8	3.8	4.6	5.8	7.2	8.7	10.1	11.4
-70°	0.0	0.9	1.8	2.7	3.6	4.4	5.2	6.6	8.0	9.3	10.5
-71.25°	0.0	0.8	1.7	2.5	3.3	4.1	4.8	6.0	7.2	8.5	9.6
-72.5°	0.0	0.8	1.6	2.3	3.1	3.8	4.5	5.3	6.5	7.6	8.8
-73.75°	0.0	0.7	1.5	2.2	2.9	3.6	4.2	4.8	5.8	6.8	7.9
-75°	0.0	0.7	1.3	2.0	2.7	3.3	3.9	4.4	5.0	6.0	7.0
-76.25°	0.0	0.6	1.2	1.9	2.5	3.0	3.6	4.0	4.5	5.2	6.1
-77.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.2	3.7	4.1	4.5	5.2



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.3	3.7	4.1	4.4
-80°	0.0	0.5	0.9	1.4	1.8	2.2	2.6	3.0	3.3	3.6	3.9
-81.25°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.6	2.9	3.2	3.4
-82.5°	0.0	0.3	0.7	1.0	1.4	1.7	1.9	2.2	2.5	2.7	2.9
-83.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.8	2.1	2.3	2.4
-85°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.5	1.6	1.8	2.0
-86.25°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.2	1.4	1.5
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.6	0.7	0.8	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: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1
87.5°	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.2
86.25°	2.0	2.2	2.4	2.5	2.7	2.8	2.9	3.0	3.1	3.2	3.4
85°	2.7	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5
83.75°	3.4	3.7	4.0	4.2	4.4	4.7	4.9	5.0	5.2	5.6	6.0
82.5°	4.1	4.5	4.8	5.1	5.3	5.7	6.2	6.6	7.1	7.6	8.1
81.25°	4.8	5.2	5.6	6.1	6.7	7.3	7.9	8.4	9.0	9.6	10.1
80°	5.4	6.1	6.8	7.5	8.2	8.9	9.5	10.2	10.9	11.5	12.2
78.75°	6.3	7.3	8.1	8.9	9.7	10.4	11.2	12.0	12.7	13.5	14.2
77.5°	7.4	8.4	9.4	10.2	11.1	12.0	12.9	13.7	14.6	15.7	16.7
76.25°	8.5	9.6	10.6	11.6	12.6	13.6	14.5	15.8	17.0	18.2	19.3
75°	9.6	10.8	11.9	13.0	14.1	15.2	16.7	18.0	19.4	20.6	21.9
73.75°	10.7	12.0	13.2	14.3	15.7	17.3	18.9	20.3	21.7	23.1	24.4
72.5°	11.8	13.1	14.4	16.0	17.7	19.4	21.0	22.6	24.1	25.6	27.0
71.25°	12.8	14.3	15.9	17.8	19.7	21.5	23.2	24.9	26.5	28.1	29.7
70°	13.9	15.5	17.7	19.7	21.7	23.6	25.4	27.2	29.0	30.7	32.4
68.75°	15.0	17.2	19.4	21.6	23.6	25.6	27.6	29.6	31.5	33.4	35.1
67.5°	16.3	18.8	21.1	23.4	25.6	27.7	29.9	32.1	34.1	36.0	37.8
66.25°	17.8	20.4	22.9	25.2	27.5	29.9	32.3	34.5	36.6	38.6	40.7
65°	19.3	21.9	24.6	27.1	29.6	32.2	34.6	36.9	39.1	41.4	43.6
63.75°	20.7	23.5	26.3	29.0	31.7	34.4	36.9	39.4	41.9	44.4	46.7
62.5°	22.1	25.0	27.9	31.0	33.9	36.6	39.3	41.9	44.8	47.3	49.7
61.25°	23.5	26.6	29.7	32.9	36.0	38.8	41.6	44.8	47.6	50.3	52.7
60°	24.9	28.1	31.5	34.9	38.0	41.0	44.3	47.6	50.6	53.3	56.0
58.75°	26.3	29.7	33.3	36.9	40.1	43.5	47.1	50.4	53.5	56.4	59.4
57.5°	27.6	31.3	35.0	38.8	42.2	46.1	49.8	53.2	56.4	59.5	62.7
56.25°	29.0	32.9	36.7	40.7	44.6	48.7	52.5	56.0	59.4	62.7	66.0
55°	30.4	34.4	38.4	42.5	47.1	51.3	55.2	58.8	62.3	65.8	69.3
53.75°	31.8	35.9	40.1	44.6	49.5	53.9	57.9	61.6	65.2	68.9	72.3
52.5°	33.2	37.4	41.7	46.7	52.0	56.5	60.5	64.3	68.1	71.9	74.8
51.25°	34.5	38.9	43.4	48.8	54.3	59.1	63.1	67.0	70.9	74.5	77.4
50°	35.9	40.3	45.3	50.9	56.5	61.5	65.6	69.7	73.7	76.9	79.9
48.75°	37.2	41.8	47.1	52.8	58.7	63.8	68.0	72.3	76.1	79.3	82.5
47.5°	38.4	43.2	48.9	54.8	60.7	66.1	70.5	74.8	78.4	81.8	85.0
46.25°	39.7	44.8	50.7	56.7	62.5	68.0	72.8	77.0	80.7	84.2	87.5
45°	40.9	46.4	52.4	58.5	64.3	69.9	75.2	79.2	83.0	86.6	89.8
43.75°	42.0	47.9	54.1	60.3	66.0	71.8	77.3	81.3	85.2	88.8	92.1
42.5°	43.3	49.4	55.7	61.9	67.7	73.6	79.1	83.5	87.5	90.9	94.3
41.25°	44.6	50.9	57.2	63.4	69.4	75.3	80.8	85.6	89.6	92.9	96.4
40°	45.9	52.3	58.7	64.9	70.9	77.0	82.4	87.6	91.5	94.9	98.5
38.75°	47.1	53.6	60.1	66.3	72.5	78.5	84.1	89.4	93.2	96.7	100.6
37.5°	48.3	54.9	61.4	67.7	74.0	80.1	85.8	91.0	95.0	98.5	102.9
36.25°	49.5	56.2	62.7	69.1	75.5	81.6	87.5	92.4	96.4	100.3	105.2
35°	50.6	57.4	63.9	70.4	76.9	83.2	89.2	93.7	97.9	102.2	107.4



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	51.7	58.5	65.1	71.7	78.3	84.7	90.8	95.1	99.3	104.2	109.5
32.5°	52.7	59.6	66.2	72.9	79.6	86.2	92.0	96.4	100.7	106.2	111.6
31.25°	53.7	60.6	67.3	74.0	81.0	87.7	93.2	97.7	102.3	108.1	113.7
30°	54.6	61.6	68.4	75.2	82.3	89.2	94.4	99.0	104.1	110.0	115.7
28.75°	55.5	62.5	69.4	76.4	83.7	90.6	95.5	100.2	105.9	112.0	117.4
27.5°	56.4	63.4	70.3	77.6	84.9	91.8	96.6	101.4	107.6	113.8	118.9
26.25°	57.2	64.2	71.2	78.7	86.2	92.8	97.7	102.7	109.3	115.7	120.4
25°	58.0	65.0	72.1	79.8	87.5	93.8	98.8	104.3	111.0	117.5	121.7
23.75°	58.7	65.8	72.9	80.8	88.7	94.7	99.8	105.8	112.7	118.8	123.0
22.5°	59.3	66.5	73.7	81.9	89.8	95.6	100.9	107.3	114.3	120.0	124.2
21.25°	59.9	67.2	74.6	82.9	91.0	96.5	101.8	108.7	115.8	121.1	125.3
20°	60.6	67.8	75.4	83.8	91.9	97.4	102.8	110.1	117.4	122.1	126.3
18.75°	61.1	68.4	76.2	84.8	92.7	98.2	103.8	111.4	118.9	123.1	127.2
17.5°	61.7	68.9	76.9	85.7	93.4	99.0	105.0	112.7	120.1	124.0	128.0
16.25°	62.2	69.3	77.5	86.5	94.0	99.7	106.1	114.0	120.9	124.8	129.1
15°	62.6	69.7	78.0	87.0	94.7	100.4	107.1	115.2	121.7	125.5	130.3
13.75°	63.0	70.0	78.4	87.5	94.9	101.0	108.2	116.3	122.5	126.2	131.3
12.5°	63.3	70.3	78.8	87.9	95.0	101.2	108.9	117.4	123.1	126.8	132.3
11.25°	63.6	70.5	79.1	88.2	95.1	101.2	109.1	117.9	123.7	127.4	133.3
10°	63.8	70.7	79.3	88.5	95.2	101.3	109.3	118.1	123.6	127.7	134.1
8.75°	64.0	70.8	79.5	88.6	95.2	101.2	109.4	118.2	123.6	127.9	134.4
7.5°	64.2	70.8	79.7	88.8	95.1	101.1	109.5	118.2	123.6	128.1	134.7
6.25°	64.3	70.9	79.7	88.8	95.1	101.0	109.4	118.2	123.5	128.3	134.8
5°	64.3	70.8	79.8	88.8	94.9	100.8	109.3	118.0	123.4	128.4	134.7
3.75°	64.4	70.8	79.7	88.8	94.7	100.6	109.1	117.8	123.3	128.6	134.6
2.5°	64.4	70.6	79.6	88.6	94.5	100.3	108.9	117.5	123.1	128.7	134.5
1.25°	64.3	70.5	79.5	88.5	94.2	100.0	108.6	117.1	122.9	128.7	134.2
0°	64.3	70.3	79.3	88.2	93.9	99.6	108.2	116.7	122.7	128.7	133.9
-1.25°	64.0	70.1	79.0	87.8	93.6	99.3	107.7	116.0	122.0	127.9	133.3
-2.5°	63.7	69.9	78.6	87.3	93.2	99.0	107.2	115.3	121.1	126.9	132.7
-3.75°	63.3	69.6	78.2	86.8	92.7	98.7	106.6	114.5	120.3	126.0	131.9
-5°	62.9	69.4	77.7	86.2	92.3	98.3	105.9	113.6	119.4	125.0	131.2
-6.25°	62.5	69.0	77.2	85.5	91.7	97.8	105.2	112.7	118.4	123.9	130.3
-7.5°	62.1	68.6	76.7	84.8	91.1	97.3	104.5	111.7	117.4	122.8	129.3
-8.75°	61.6	68.2	76.1	84.1	90.5	96.7	103.7	110.7	116.4	121.6	128.2
-10°	61.0	67.7	75.4	83.3	89.8	96.1	102.8	109.6	115.3	120.4	126.9
-11.25°	60.4	67.2	74.8	82.5	89.0	95.4	102.0	108.5	114.1	119.2	125.5
-12.5°	59.8	66.6	74.0	81.6	88.2	94.6	101.1	107.4	112.8	117.9	124.0
-13.75°	59.1	66.0	73.3	80.7	87.4	93.7	100.1	106.0	111.4	116.6	122.5
-15°	58.4	65.3	72.5	79.7	86.4	92.8	99.0	104.7	109.9	115.2	120.9
-16.25°	57.6	64.5	71.7	78.8	85.5	91.8	98.0	103.3	108.3	113.7	119.3
-17.5°	56.8	63.7	70.8	77.8	84.5	90.8	97.0	102.0	106.7	112.1	117.7
-18.75°	55.9	62.8	70.0	76.8	83.4	89.7	96.0	100.7	105.0	110.3	116.1
-20°	55.0	62.0	69.1	75.8	82.3	88.5	94.8	99.5	103.4	108.5	114.3
-21.25°	54.1	61.2	68.1	74.7	81.1	87.3	93.6	98.2	101.9	106.6	112.4



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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°	53.3	60.3	67.2	73.6	79.9	86.0	92.3	97.0	100.5	104.5	110.3
-23.75°	52.4	59.3	66.2	72.5	78.6	84.7	90.9	95.9	99.1	102.4	108.2
-25°	51.7	58.4	65.1	71.4	77.4	83.3	89.4	94.8	97.7	100.1	105.9
-26.25°	51.0	57.4	64.0	70.2	76.1	81.8	87.9	93.8	96.5	98.5	103.5
-27.5°	50.3	56.4	62.9	69.1	74.8	80.3	86.3	92.3	95.3	97.1	100.9
-28.75°	49.6	55.3	61.7	67.9	73.4	78.8	84.6	90.6	94.2	95.8	98.3
-30°	48.9	54.2	60.5	66.6	72.1	77.3	82.9	88.8	93.2	94.6	95.4
-31.25°	48.1	53.1	59.3	65.3	70.7	75.8	81.1	86.9	92.3	93.5	94.0
-32.5°	47.3	51.9	58.0	64.0	69.4	74.3	79.3	85.0	90.8	92.5	92.9
-33.75°	46.4	50.9	56.7	62.6	68.0	72.8	77.4	83.0	88.7	91.6	91.8
-35°	45.5	49.9	55.4	61.1	66.6	71.3	75.7	80.9	86.5	90.9	90.6
-36.25°	44.6	48.9	54.1	59.7	65.2	69.7	74.1	78.8	84.3	89.3	89.4
-37.5°	43.7	47.9	52.7	58.2	63.6	68.2	72.4	76.6	82.0	86.4	88.0
-38.75°	42.8	46.9	51.3	56.7	61.9	66.7	70.8	74.6	79.3	83.5	86.5
-40°	41.8	45.8	50.0	55.1	60.3	65.1	69.1	72.8	76.6	80.7	84.3
-41.25°	40.8	44.7	48.8	53.6	58.6	63.5	67.5	70.9	74.0	78.0	81.4
-42.5°	39.7	43.6	47.6	52.0	56.9	61.7	65.8	68.9	71.7	75.2	78.5
-43.75°	38.6	42.4	46.3	50.3	55.2	59.8	64.1	66.8	69.6	72.6	75.7
-45°	37.3	41.2	45.0	48.9	53.4	58.0	62.0	64.7	67.4	70.1	73.0
-46.25°	36.0	40.0	43.7	47.5	51.6	56.1	59.7	62.6	65.1	67.7	70.4
-47.5°	34.7	38.8	42.3	46.0	49.8	54.1	57.5	60.5	62.9	65.3	67.8
-48.75°	33.4	37.4	41.0	44.5	48.2	52.0	55.2	58.1	60.5	62.9	65.2
-50°	32.0	35.9	39.5	43.0	46.5	49.8	53.0	55.7	58.2	60.4	62.6
-51.25°	30.7	34.4	38.1	41.4	44.8	47.8	50.7	53.4	55.8	57.9	60.0
-52.5°	29.3	32.9	36.5	39.8	43.1	45.8	48.5	51.1	53.4	55.3	57.3
-53.75°	27.9	31.4	34.9	38.2	41.2	43.8	46.4	48.8	51.0	52.9	54.6
-55°	26.5	29.9	33.2	36.5	39.3	41.8	44.2	46.6	48.7	50.5	52.0
-56.25°	25.0	28.3	31.5	34.7	37.4	39.8	42.1	44.4	46.4	48.2	49.6
-57.5°	23.8	26.8	29.9	32.9	35.5	37.8	40.0	42.1	44.1	45.8	47.2
-58.75°	22.5	25.2	28.2	31.0	33.5	35.8	37.8	39.9	41.8	43.6	44.9
-60°	21.3	23.7	26.5	29.2	31.6	33.7	35.7	37.6	39.4	41.2	42.6
-61.25°	20.1	22.3	24.7	27.3	29.6	31.7	33.5	35.3	37.0	38.7	40.2
-62.5°	18.9	21.0	23.1	25.5	27.7	29.7	31.5	33.1	34.7	36.2	37.7
-63.75°	17.6	19.7	21.7	23.6	25.8	27.7	29.4	30.9	32.3	33.7	35.1
-65°	16.4	18.4	20.2	22.0	23.9	25.7	27.4	28.8	30.0	31.2	32.5
-66.25°	15.1	17.0	18.8	20.5	22.0	23.8	25.4	26.7	27.9	28.9	29.9
-67.5°	13.9	15.7	17.4	19.0	20.4	21.8	23.3	24.7	25.9	26.8	27.6
-68.75°	12.7	14.3	16.0	17.5	18.9	20.1	21.4	22.7	23.8	24.7	25.5
-70°	11.7	13.0	14.5	16.0	17.3	18.5	19.6	20.7	21.8	22.7	23.5
-71.25°	10.8	11.9	13.1	14.5	15.7	16.9	17.9	18.9	19.8	20.7	21.4
-72.5°	9.8	10.8	11.8	12.9	14.1	15.2	16.2	17.2	18.0	18.7	19.4
-73.75°	8.9	9.8	10.7	11.6	12.6	13.6	14.6	15.4	16.2	16.9	17.5
-75°	7.9	8.8	9.6	10.4	11.2	12.0	12.9	13.7	14.5	15.1	15.6
-76.25°	6.9	7.7	8.5	9.2	10.0	10.6	11.2	12.0	12.7	13.3	13.8
-77.5°	5.9	6.7	7.4	8.1	8.7	9.3	9.9	10.4	10.9	11.5	12.0



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	5.0	5.6	6.3	6.9	7.5	8.0	8.5	9.0	9.5	9.9	10.2
-80°	4.2	4.6	5.2	5.7	6.2	6.7	7.2	7.6	8.1	8.4	8.7
-81.25°	3.7	3.9	4.1	4.5	5.0	5.4	5.9	6.2	6.6	7.0	7.2
-82.5°	3.1	3.3	3.5	3.7	3.9	4.1	4.5	4.9	5.2	5.5	5.7
-83.75°	2.6	2.8	2.9	3.1	3.2	3.4	3.5	3.6	3.7	4.0	4.2
-85°	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.0	3.1
-86.25°	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.2	2.3	2.3
-87.5°	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.4	1.5	1.5	1.5
-88.75°	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	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: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5
87.5°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0	3.1
86.25°	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.4	4.5	4.6
85°	4.6	4.8	4.9	5.2	5.5	5.8	6.0	6.3	6.5	6.8	7.0
83.75°	6.4	6.8	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.5
82.5°	8.5	9.0	9.4	9.8	10.2	10.5	10.8	11.2	11.5	11.8	12.1
81.25°	10.6	11.1	11.6	12.1	12.5	12.9	13.3	13.8	14.4	14.9	15.4
80°	12.7	13.3	13.8	14.5	15.2	15.9	16.5	17.2	17.8	18.3	18.9
78.75°	15.0	15.9	16.7	17.5	18.3	19.0	19.8	20.5	21.1	21.8	22.4
77.5°	17.7	18.6	19.6	20.5	21.3	22.2	23.0	23.8	24.5	25.3	25.9
76.25°	20.4	21.4	22.4	23.4	24.4	25.4	26.3	27.2	28.1	28.8	29.6
75°	23.0	24.2	25.3	26.4	27.6	28.6	29.7	30.7	31.6	32.4	33.2
73.75°	25.7	27.0	28.3	29.5	30.7	31.9	33.0	34.1	35.1	36.0	37.1
72.5°	28.5	29.9	31.3	32.6	33.9	35.2	36.4	37.8	39.1	40.3	41.4
71.25°	31.3	32.8	34.3	35.7	37.1	38.7	40.3	41.9	43.2	44.5	45.7
70°	34.1	35.7	37.3	39.0	40.7	42.5	44.2	45.9	47.4	48.7	50.1
68.75°	36.8	38.6	40.5	42.4	44.3	46.2	48.1	49.9	51.8	53.4	54.8
67.5°	39.7	41.8	43.9	45.9	48.0	50.0	52.1	54.4	56.6	58.2	59.5
66.25°	42.7	45.0	47.2	49.4	51.5	54.1	56.6	59.0	61.4	63.0	64.3
65°	45.8	48.1	50.5	52.9	55.7	58.3	61.0	63.6	66.1	67.8	69.0
63.75°	48.7	51.2	54.0	56.9	59.8	62.6	65.4	68.0	70.6	72.5	73.8
62.5°	51.8	54.7	57.8	60.8	63.8	66.8	69.5	72.1	74.9	77.3	78.6
61.25°	55.2	58.3	61.5	64.7	67.9	70.5	73.3	76.2	79.1	82.0	82.3
60°	58.8	61.8	65.2	68.5	71.2	74.0	77.0	80.1	82.8	84.8	85.5
58.75°	62.3	65.4	68.9	71.6	74.5	77.5	80.6	83.3	85.5	87.4	88.6
57.5°	65.8	69.0	71.7	74.6	77.6	80.8	83.7	86.2	88.3	90.2	92.5
56.25°	69.3	71.8	74.4	77.5	80.7	83.8	86.6	89.0	91.2	94.4	98.6
55°	72.2	74.6	77.1	80.3	83.7	86.8	89.6	92.0	95.5	99.8	104.3
53.75°	74.9	77.3	79.7	83.2	86.7	89.8	92.6	96.2	100.5	105.0	109.9
52.5°	77.5	80.1	82.7	86.2	89.7	92.9	96.5	100.7	105.2	110.0	112.6
51.25°	80.2	82.9	85.9	89.3	92.8	96.4	100.5	105.0	109.8	112.5	114.6
50°	82.9	85.8	89.0	92.4	96.1	100.1	104.4	109.1	112.2	114.5	116.6
48.75°	85.5	88.7	92.0	95.6	99.4	103.5	108.1	111.7	114.3	116.7	118.9
47.5°	88.2	91.5	95.0	98.7	102.5	106.9	110.9	113.8	116.5	118.9	122.8
46.25°	90.7	94.2	97.9	101.8	105.6	109.8	113.1	116.0	118.7	122.5	126.5
45°	93.2	96.8	100.8	104.8	108.8	112.0	115.3	118.3	121.9	126.0	130.2
43.75°	95.6	99.5	103.7	107.8	111.4	114.3	117.5	121.0	125.2	129.4	133.4
42.5°	97.9	102.2	106.5	110.7	113.8	116.8	119.8	124.1	128.4	132.8	135.8
41.25°	100.4	104.9	109.3	113.1	116.3	119.3	122.8	127.1	131.5	135.0	138.2
40°	102.9	107.5	112.0	115.4	118.7	122.0	126.0	130.0	134.0	137.2	140.4
38.75°	105.4	110.1	114.2	117.7	121.1	125.0	129.1	133.1	136.0	139.2	142.5
37.5°	107.8	112.6	116.4	120.0	123.7	128.0	132.2	135.4	137.9	141.2	144.7
36.25°	110.1	114.7	118.5	122.2	126.5	130.9	135.1	137.7	140.2	143.4	147.1
35°	112.4	116.7	120.7	124.6	129.2	133.8	137.3	139.9	142.5	146.0	149.7



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	114.6	118.8	122.8	127.2	132.0	136.6	139.4	142.1	145.1	148.6	152.5
32.5°	116.5	120.8	124.9	129.8	134.7	138.6	141.4	144.2	147.5	151.1	155.1
31.25°	118.4	122.7	127.2	132.3	137.3	140.5	143.4	146.4	149.8	153.5	157.5
30°	120.1	124.7	129.6	134.8	139.5	142.4	145.4	148.5	151.9	155.7	159.9
28.75°	121.8	126.5	131.9	137.2	141.2	144.3	147.3	150.4	153.8	157.8	162.1
27.5°	123.4	128.3	134.2	139.6	143.0	146.1	149.1	152.2	155.7	159.9	164.2
26.25°	124.8	130.2	136.1	141.5	144.7	147.9	150.8	153.8	157.6	161.8	164.9
25°	126.2	132.0	138.1	142.8	146.4	149.5	152.2	155.3	159.4	163.7	164.4
23.75°	127.4	133.7	139.9	144.0	147.6	150.9	153.6	156.9	161.1	165.4	164.0
22.5°	129.0	135.4	141.7	145.0	148.6	151.8	154.8	158.4	162.7	165.3	163.8
21.25°	130.6	137.1	142.8	146.0	149.5	152.5	155.6	159.8	164.1	165.2	163.8
20°	132.1	138.7	143.7	146.9	150.2	153.2	156.4	160.4	165.1	165.2	164.1
18.75°	133.5	140.3	144.5	147.7	150.8	153.9	157.0	160.6	164.3	164.9	164.4
17.5°	134.9	141.7	145.3	148.3	151.4	154.5	157.3	160.5	163.5	164.8	165.0
16.25°	136.2	143.1	145.9	148.9	151.9	155.0	157.4	160.2	163.1	165.0	165.4
15°	137.4	143.8	146.5	149.4	152.4	155.5	157.3	159.6	162.9	165.5	165.6
13.75°	138.6	144.4	147.0	149.8	152.8	155.6	156.9	158.8	163.1	166.5	165.7
12.5°	139.7	145.0	147.5	150.2	153.2	155.5	156.3	158.5	163.4	166.9	165.6
11.25°	140.8	145.5	147.9	150.6	153.5	155.3	155.5	158.3	164.0	167.0	165.4
10°	141.7	145.9	148.2	150.9	153.8	154.9	154.6	158.2	164.8	167.1	165.0
8.75°	142.0	146.0	148.4	151.1	154.1	154.4	153.6	158.3	165.7	167.0	164.6
7.5°	141.9	145.8	148.7	151.4	154.3	153.8	152.4	158.4	166.7	167.0	164.1
6.25°	141.7	145.7	149.0	151.8	154.5	154.3	153.0	159.1	167.5	166.8	163.5
5°	141.3	145.5	149.3	152.1	154.8	154.8	154.3	160.1	167.3	166.5	164.0
3.75°	140.9	145.4	149.6	152.3	154.9	155.5	155.7	160.9	166.8	166.4	165.0
2.5°	140.3	145.2	149.9	152.5	155.1	156.2	157.2	161.5	166.1	166.3	166.2
1.25°	139.7	145.0	150.2	152.7	155.2	157.0	158.7	161.9	165.3	166.4	167.4
0°	139.0	144.7	150.4	152.8	155.2	157.7	160.2	162.2	164.3	166.5	168.7
-1.25°	138.7	144.2	149.7	152.0	154.2	156.7	159.2	161.6	164.0	165.8	167.4
-2.5°	138.4	143.7	149.0	151.2	153.3	155.7	158.2	160.9	163.7	165.0	166.1
-3.75°	138.0	143.2	148.2	150.3	152.3	154.7	157.1	160.2	163.4	164.2	164.8
-5°	137.5	142.5	147.3	149.4	151.2	153.6	156.0	159.3	162.9	163.5	163.6
-6.25°	136.9	141.9	146.4	148.6	150.2	152.5	154.9	158.4	162.3	162.9	162.5
-7.5°	136.2	141.2	145.5	147.7	149.2	151.3	153.7	157.2	161.1	162.0	161.7
-8.75°	135.4	140.5	144.6	146.7	148.1	150.2	152.5	155.7	159.6	161.1	160.9
-10°	134.2	139.3	143.3	145.7	147.1	149.0	151.2	154.2	158.1	160.2	160.1
-11.25°	132.6	137.9	141.9	144.7	146.1	147.8	149.9	152.6	156.5	159.2	159.2
-12.5°	130.9	136.4	140.4	143.6	145.0	146.6	148.6	150.9	154.8	158.2	158.3
-13.75°	129.1	134.9	138.9	142.5	143.9	145.4	147.3	149.2	153.1	157.0	157.4
-15°	127.4	133.3	137.3	141.3	142.7	144.2	145.9	147.7	151.2	155.1	156.3
-16.25°	125.6	131.6	135.6	139.8	141.5	143.0	144.6	146.2	149.3	153.1	155.2
-17.5°	123.7	129.5	133.9	138.0	140.3	141.7	143.3	144.8	147.2	151.1	154.0
-18.75°	121.9	127.4	132.0	136.2	139.0	140.5	141.9	143.4	145.1	148.9	152.7
-20°	120.0	125.4	130.0	134.2	137.7	139.1	140.6	141.9	143.2	146.6	149.9
-21.25°	118.1	123.3	128.0	132.2	136.4	137.8	139.2	140.5	141.6	144.0	147.2





REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	116.2	121.2	125.9	130.0	134.4	136.4	137.8	138.8	139.8	141.6	144.5
-23.75°	114.3	119.1	123.6	127.8	132.1	134.9	135.9	137.0	138.0	139.2	141.8
-25°	112.0	117.0	121.3	125.4	129.6	132.9	133.9	135.0	136.1	137.3	139.3
-26.25°	109.6	115.0	119.1	122.9	126.7	130.5	131.8	132.9	134.1	135.3	136.8
-27.5°	107.0	112.9	116.8	120.1	123.7	127.4	129.6	130.7	132.0	133.2	134.6
-28.75°	104.3	110.7	114.1	117.2	120.6	124.2	127.4	128.5	129.7	131.0	132.3
-30°	101.4	107.5	111.3	114.3	117.5	120.9	124.5	126.1	127.3	128.7	130.0
-31.25°	98.4	104.1	108.4	111.3	114.3	117.6	121.0	123.6	124.8	126.2	127.5
-32.5°	95.4	100.8	105.4	108.3	111.1	114.2	117.5	120.8	122.2	123.5	124.9
-33.75°	92.4	97.6	101.9	105.1	107.9	110.7	113.9	117.1	119.5	120.7	122.2
-35°	90.9	94.5	98.6	101.9	104.6	107.3	110.3	113.3	116.4	117.8	118.8
-36.25°	89.6	91.5	95.5	98.6	101.2	103.8	106.5	109.5	112.4	114.6	115.3
-37.5°	88.2	88.9	92.4	95.4	97.7	100.2	102.8	105.5	108.4	110.7	111.7
-38.75°	86.7	87.4	89.6	92.4	94.4	96.6	99.0	101.5	103.9	106.1	108.1
-40°	85.1	85.7	86.9	89.5	91.4	92.8	95.1	97.4	99.4	101.4	103.4
-41.25°	83.3	83.9	84.9	86.9	88.6	89.6	91.2	93.2	94.9	96.7	98.5
-42.5°	81.2	81.9	82.9	84.4	86.1	87.0	87.1	89.0	90.5	91.9	93.6
-43.75°	78.3	79.9	80.7	82.1	83.7	84.6	84.4	84.8	86.3	87.5	88.6
-45°	75.5	77.5	78.4	79.6	81.3	82.1	81.7	81.3	82.0	83.1	84.0
-46.25°	72.8	74.7	75.9	77.0	78.5	79.5	79.1	78.6	78.0	78.8	79.6
-47.5°	70.1	71.9	73.2	74.2	75.5	76.2	76.4	75.8	75.2	74.6	75.3
-48.75°	67.6	69.3	70.6	71.3	72.2	72.9	73.3	73.0	72.3	71.6	71.0
-50°	64.9	66.8	68.0	68.7	69.0	69.6	69.9	70.1	69.5	68.7	67.8
-51.25°	62.2	64.4	65.5	66.1	66.1	66.3	66.6	66.7	66.6	65.8	64.8
-52.5°	59.3	61.4	63.2	63.5	63.4	63.2	63.3	63.3	63.1	62.8	61.8
-53.75°	56.5	58.4	60.4	60.9	60.8	60.5	60.1	60.0	59.8	59.3	58.7
-55°	53.5	55.3	57.0	58.1	58.2	57.9	57.4	56.8	56.4	56.0	55.3
-56.25°	50.8	52.3	53.7	54.7	55.5	55.3	54.8	54.1	53.3	52.7	52.0
-57.5°	48.3	49.2	50.4	51.3	52.0	52.5	52.1	51.4	50.6	49.7	48.8
-58.75°	46.0	46.8	47.1	48.0	48.7	49.1	49.3	48.8	47.9	47.0	46.0
-60°	43.7	44.4	44.6	44.7	45.3	45.7	45.9	45.8	45.3	44.3	43.4
-61.25°	41.4	42.0	42.2	42.3	42.1	42.4	42.6	42.5	42.2	41.7	40.9
-62.5°	39.0	39.7	39.9	39.9	39.7	39.4	39.3	39.3	39.0	38.6	38.2
-63.75°	36.3	37.2	37.6	37.6	37.4	37.1	36.6	36.1	35.8	35.5	35.2
-65°	33.6	34.4	35.0	35.3	35.2	34.8	34.3	33.6	32.8	32.6	32.3
-66.25°	30.9	31.7	32.3	32.7	33.0	32.7	32.2	31.5	30.7	30.2	29.5
-67.5°	28.3	29.0	29.5	29.9	30.2	30.3	30.1	29.4	28.8	28.2	27.6
-68.75°	26.0	26.3	26.8	27.2	27.4	27.5	27.5	27.3	26.8	26.3	25.7
-70°	23.9	24.2	24.3	24.5	24.7	24.8	24.8	24.6	24.5	24.3	23.8
-71.25°	21.8	22.1	22.2	22.2	22.1	22.1	22.1	22.0	21.9	21.8	21.5
-72.5°	19.8	20.1	20.2	20.3	20.1	19.9	19.6	19.3	19.4	19.3	19.1
-73.75°	17.8	18.1	18.3	18.3	18.2	18.1	17.7	17.4	17.1	17.0	16.8
-75°	15.9	16.2	16.3	16.4	16.4	16.2	16.0	15.7	15.5	15.2	14.9
-76.25°	14.1	14.3	14.4	14.5	14.5	14.4	14.2	14.0	13.8	13.6	13.3
-77.5°	12.2	12.4	12.6	12.6	12.6	12.6	12.5	12.3	12.2	12.0	11.7



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	10.4	10.6	10.7	10.8	10.8	10.7	10.6	10.6	10.5	10.3	10.1
-80°	8.8	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.8	8.7	8.5
-81.25°	7.3	7.3	7.4	7.4	7.3	7.2	7.0	7.1	7.1	7.0	7.0
-82.5°	5.8	5.9	5.9	5.9	5.9	5.8	5.7	5.7	5.6	5.6	5.5
-83.75°	4.3	4.4	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.3
-85°	3.1	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
-86.25°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0
-87.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
-88.75°	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0
87.5°	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9
86.25°	4.7	4.8	5.0	5.1	5.3	5.5	5.7	5.8	6.0	6.1	6.3
85°	7.2	7.4	7.6	7.8	8.0	8.2	8.3	8.5	8.7	8.8	9.0
83.75°	9.8	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.5	11.7
82.5°	12.3	12.7	13.0	13.4	13.7	14.1	14.4	14.8	15.1	15.3	15.6
81.25°	15.8	16.3	16.7	17.0	17.4	17.8	18.2	18.6	18.9	19.2	19.5
80°	19.4	19.9	20.3	20.7	21.2	21.6	22.0	22.4	22.8	23.2	23.5
78.75°	22.9	23.5	24.0	24.5	25.0	25.5	26.0	26.5	26.9	27.3	27.8
77.5°	26.6	27.2	27.7	28.3	28.8	29.4	30.0	30.5	31.0	31.5	32.0
76.25°	30.3	30.9	31.5	32.1	32.6	33.3	34.1	34.8	35.4	36.0	36.5
75°	33.9	34.7	35.5	36.2	37.0	37.8	38.5	39.3	39.9	40.5	41.1
73.75°	38.1	39.0	39.9	40.6	41.4	42.2	43.0	43.8	44.5	45.1	45.7
72.5°	42.4	43.4	44.3	45.1	45.8	46.6	47.4	48.2	48.9	49.6	50.2
71.25°	46.7	47.8	48.7	49.5	50.1	50.9	51.8	52.6	53.3	54.1	54.7
70°	51.3	52.3	53.2	53.9	54.4	55.2	56.1	57.0	57.9	58.8	59.6
68.75°	56.0	57.0	57.8	58.4	58.9	59.5	60.5	61.6	62.5	63.5	64.4
67.5°	60.7	61.7	62.4	63.0	63.4	63.8	65.0	66.1	67.2	68.3	69.5
66.25°	65.4	66.3	67.0	67.6	68.0	68.2	69.5	70.9	72.2	73.5	74.8
65°	70.1	71.0	71.7	72.3	72.6	73.1	74.4	75.9	77.3	78.7	80.0
63.75°	74.9	75.8	76.2	76.7	77.3	78.1	79.3	80.9	82.4	83.6	84.7
62.5°	79.3	79.7	80.3	81.1	82.0	83.0	84.1	85.6	87.0	88.2	89.4
61.25°	82.8	83.5	84.3	85.3	86.7	87.9	88.7	90.2	91.6	92.9	94.1
60°	86.2	87.1	88.7	90.6	92.0	93.0	93.6	94.8	96.0	97.3	98.7
58.75°	89.6	92.2	94.4	96.2	97.5	98.3	98.2	98.8	100.2	101.7	103.2
57.5°	95.6	98.1	100.3	101.9	102.3	102.2	102.3	102.7	104.3	106.0	107.6
56.25°	101.7	104.2	105.9	105.8	105.8	106.0	106.3	106.8	108.5	110.3	112.0
55°	108.0	109.1	109.0	109.1	109.3	109.7	110.7	111.5	112.8	114.6	116.3
53.75°	112.1	112.0	112.0	112.3	113.2	114.4	115.5	116.3	117.1	118.3	119.5
52.5°	114.4	114.7	114.9	116.5	118.0	119.3	120.4	120.8	120.6	121.4	122.7
51.25°	116.4	117.4	119.5	121.3	122.9	124.2	124.5	124.5	124.3	124.5	126.1
50°	118.6	122.2	124.4	126.3	127.6	128.0	128.2	128.2	128.1	128.5	130.2
48.75°	122.7	126.5	129.3	130.8	131.4	131.9	132.1	132.1	132.4	133.2	134.5
47.5°	126.7	130.7	133.7	134.6	135.3	135.8	135.7	135.8	136.4	137.5	136.6
46.25°	130.6	134.1	137.0	138.5	139.3	138.8	138.8	139.2	139.7	138.7	137.1
45°	133.9	136.9	139.9	142.5	141.7	141.4	141.6	141.8	141.1	139.8	138.0
43.75°	136.5	139.6	142.7	144.0	143.8	143.7	143.9	143.6	142.7	141.3	142.0
42.5°	139.0	142.1	144.1	145.2	145.6	145.9	146.2	145.8	145.0	145.7	146.8
41.25°	141.4	143.9	145.6	146.7	147.7	148.6	148.7	148.5	148.9	149.8	151.2
40°	143.4	145.7	147.4	148.8	150.4	151.6	151.7	151.8	152.4	153.6	154.5
38.75°	145.5	147.8	149.6	151.6	153.2	154.3	154.5	154.8	155.7	156.3	157.3
37.5°	147.7	150.1	152.5	154.5	156.2	156.1	156.8	157.5	158.0	158.8	159.9
36.25°	150.2	153.0	155.5	157.6	157.4	157.3	158.2	159.5	160.1	161.0	161.0
35°	153.0	156.0	158.6	159.1	158.1	158.0	159.4	160.9	161.9	162.2	161.9



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	156.0	159.1	161.2	159.3	158.2	158.9	160.9	162.4	163.3	163.5	163.1
32.5°	159.0	162.3	161.0	159.0	158.0	160.5	162.5	163.8	164.1	164.9	164.5
31.25°	161.7	163.5	160.4	158.2	159.7	162.2	164.4	164.4	164.8	165.5	166.0
30°	164.1	162.5	159.4	158.5	161.5	164.2	164.7	164.7	165.1	165.9	166.8
28.75°	164.3	161.4	158.1	160.3	163.5	165.4	164.9	164.8	165.4	166.2	167.1
27.5°	163.3	160.6	159.3	162.4	165.7	165.4	164.8	164.9	165.5	166.3	167.2
26.25°	162.7	159.9	161.4	164.4	166.2	165.1	164.5	165.0	165.7	166.7	167.8
25°	162.2	160.8	163.1	166.0	166.0	164.9	164.5	165.0	165.7	167.6	168.9
23.75°	162.0	162.3	164.6	166.4	166.2	165.3	164.7	165.0	166.7	168.8	170.2
22.5°	162.0	163.6	165.7	166.7	166.7	166.1	165.5	165.3	168.0	170.4	171.2
21.25°	163.2	164.7	166.5	167.3	167.6	166.7	166.0	166.9	169.5	171.9	172.0
20°	164.2	165.4	167.0	168.2	168.4	167.2	166.4	168.1	170.5	172.0	172.7
18.75°	165.0	166.0	167.8	169.3	168.9	167.6	167.4	169.0	171.1	172.0	172.8
17.5°	165.5	166.5	168.9	170.7	169.3	167.8	168.2	169.6	171.1	172.2	172.3
16.25°	165.6	167.0	170.1	171.4	169.5	168.0	168.6	169.7	171.2	172.4	171.5
15°	165.5	167.4	170.5	171.3	169.7	168.5	168.9	169.8	171.3	172.6	170.8
13.75°	165.1	167.7	170.8	170.7	169.3	168.8	168.8	169.9	171.6	172.1	170.4
12.5°	164.9	168.0	171.1	170.2	168.9	169.0	169.2	170.2	171.9	171.6	170.1
11.25°	165.1	168.2	170.7	169.7	168.8	169.4	169.8	170.6	171.9	171.2	170.0
10°	165.2	168.4	170.2	169.4	169.0	169.8	170.4	170.7	171.3	170.9	170.2
8.75°	165.3	168.5	169.8	169.1	169.3	170.4	170.8	170.6	170.8	170.8	170.6
7.5°	165.3	168.5	169.4	169.0	169.6	171.0	171.0	170.3	170.5	170.9	170.9
6.25°	165.3	168.4	169.1	168.9	170.0	171.6	171.1	169.8	170.3	171.2	171.0
5°	165.5	168.0	168.6	168.8	170.4	172.3	171.0	169.2	170.2	171.6	171.0
3.75°	165.7	166.9	167.2	167.5	169.7	172.0	170.8	168.9	170.1	171.9	171.0
2.5°	165.8	165.5	165.8	166.1	168.7	171.3	170.4	169.3	169.6	170.1	169.9
1.25°	165.7	164.1	164.4	164.8	167.7	170.5	170.2	169.8	168.9	168.2	168.8
0°	165.7	162.6	163.1	163.5	166.6	169.7	170.0	170.3	168.3	166.2	167.9
-1.25°	165.2	163.1	163.7	164.3	167.1	169.9	170.0	170.1	169.9	169.8	170.9
-2.5°	164.8	163.7	164.3	165.1	167.5	170.0	170.0	169.8	171.4	173.4	173.9
-3.75°	164.4	164.1	164.9	165.8	167.9	170.1	170.0	169.6	172.7	176.6	176.7
-5°	163.9	164.5	165.5	166.5	168.1	169.8	169.7	169.1	171.7	174.9	174.8
-6.25°	163.0	163.5	164.3	165.6	167.2	168.7	168.8	168.3	170.2	172.9	173.0
-7.5°	161.8	161.7	162.7	164.5	166.2	167.6	167.9	167.6	168.7	170.9	171.3
-8.75°	160.7	160.1	160.8	163.2	165.2	166.5	167.0	166.7	167.3	169.0	169.6
-10°	159.8	158.7	158.7	161.6	164.3	165.4	166.1	165.9	166.0	167.3	168.0
-11.25°	159.0	157.4	156.3	159.7	163.4	164.3	165.1	165.0	165.0	165.7	166.1
-12.5°	158.4	156.4	153.9	157.6	162.0	163.2	163.9	164.0	164.0	164.1	164.4
-13.75°	157.7	155.6	152.6	155.0	159.9	162.2	162.7	162.6	162.3	162.1	162.5
-15°	156.7	155.0	151.6	152.1	157.3	160.5	160.7	161.0	160.5	160.0	160.5
-16.25°	155.7	154.8	151.0	149.5	154.4	158.3	158.6	159.3	158.9	158.2	158.4
-17.5°	154.6	154.3	150.6	148.1	151.9	155.2	156.4	157.1	157.3	156.5	156.1
-18.75°	152.6	152.1	149.6	147.9	149.7	152.4	153.9	154.8	155.7	154.9	154.0
-20°	150.5	149.7	148.1	147.1	147.9	150.1	151.2	152.2	153.5	153.4	152.3
-21.25°	148.6	147.5	145.9	145.6	146.6	148.2	148.9	149.4	150.7	151.9	151.4



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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	147.0	145.6	143.7	143.3	144.9	146.9	147.1	146.3	147.9	149.7	150.1
-23.75°	144.2	143.9	141.7	140.3	142.4	146.0	146.0	144.8	145.4	147.0	148.4
-25°	141.5	142.4	140.1	137.2	139.0	142.9	144.8	143.6	142.9	144.4	145.8
-26.25°	138.8	140.5	138.7	135.7	134.7	139.0	142.7	142.0	141.4	141.8	143.1
-27.5°	136.3	137.8	137.7	134.5	131.9	135.1	138.6	140.2	139.7	139.5	140.5
-28.75°	133.9	135.2	136.2	133.9	131.7	131.6	134.8	137.3	137.6	137.5	137.9
-30°	131.5	132.7	133.5	133.2	131.1	129.8	131.4	133.7	135.2	135.1	135.4
-31.25°	129.0	130.1	130.6	131.2	130.1	128.8	128.4	130.5	131.9	132.4	132.5
-32.5°	126.2	127.1	127.7	128.2	128.6	127.4	127.0	127.7	129.0	129.5	129.2
-33.75°	123.0	123.8	124.7	125.1	125.6	125.6	125.1	125.5	126.5	126.4	126.1
-35°	119.7	120.4	121.3	121.9	122.3	122.8	122.8	123.1	123.6	123.3	122.9
-36.25°	116.2	117.0	117.7	118.6	119.0	119.4	119.8	120.0	119.8	120.0	119.7
-37.5°	112.5	113.4	114.0	114.8	115.6	115.9	116.3	116.1	115.8	115.8	116.2
-38.75°	108.7	109.5	110.3	110.9	111.7	112.4	112.0	111.3	111.5	111.4	111.6
-40°	104.9	105.5	106.2	107.0	107.6	108.2	107.0	106.1	105.9	106.6	106.7
-41.25°	100.4	101.4	102.0	102.8	103.4	102.9	101.6	100.2	99.8	100.1	101.2
-42.5°	95.3	97.0	97.7	98.3	98.7	97.6	96.1	94.6	93.1	93.0	93.7
-43.75°	90.2	91.7	93.2	93.7	93.4	92.3	90.8	89.1	87.3	85.4	85.5
-45°	85.0	86.3	87.7	88.9	88.4	87.3	85.6	83.7	81.8	79.8	77.7
-46.25°	80.2	80.9	82.1	83.1	83.5	82.5	80.9	78.8	76.3	74.3	72.1
-47.5°	75.7	76.0	76.6	77.5	77.9	77.8	76.4	74.4	71.9	68.9	66.7
-48.75°	71.4	71.5	71.7	72.1	72.5	72.5	71.9	70.3	67.9	65.1	62.9
-50°	67.1	67.2	67.3	67.3	67.4	67.4	66.9	65.9	64.2	61.5	60.0
-51.25°	63.8	62.9	62.9	62.8	62.7	62.6	62.1	61.2	59.9	58.4	57.0
-52.5°	60.8	59.7	58.7	58.3	58.1	57.8	57.5	56.9	55.6	54.3	53.2
-53.75°	57.7	56.6	55.5	54.3	53.5	53.1	52.7	52.2	51.6	50.1	48.7
-55°	54.6	53.5	52.3	51.0	49.7	48.4	47.9	47.3	46.6	45.5	44.1
-56.25°	51.3	50.4	49.2	47.8	46.5	45.0	43.6	42.3	41.8	40.9	39.6
-57.5°	48.2	47.3	46.1	44.7	43.2	41.7	40.2	38.7	37.5	36.5	35.4
-58.75°	45.1	44.3	43.2	41.8	40.2	38.4	36.8	35.5	34.4	33.1	31.7
-60°	42.5	41.5	40.3	39.1	37.6	35.8	33.9	32.4	31.4	30.2	28.9
-61.25°	39.9	38.8	37.7	36.4	35.0	33.4	31.6	30.3	29.0	27.5	26.2
-62.5°	37.4	36.3	35.1	33.9	32.5	31.1	29.6	28.3	27.0	25.6	24.1
-63.75°	34.6	33.7	32.6	31.3	30.0	28.6	27.3	26.3	25.1	23.7	22.3
-65°	31.8	31.1	30.1	28.9	27.5	26.1	25.1	24.1	23.0	21.8	20.5
-66.25°	29.1	28.5	27.6	26.6	25.3	23.8	22.9	22.0	21.0	19.9	18.7
-67.5°	26.9	26.1	25.3	24.4	23.3	22.1	21.2	20.2	19.2	18.1	17.0
-68.75°	24.9	24.2	23.3	22.4	21.4	20.4	19.6	18.7	17.7	16.7	15.5
-70°	23.1	22.3	21.5	20.6	19.6	18.8	18.0	17.2	16.3	15.3	14.3
-71.25°	21.1	20.5	19.7	18.8	17.9	17.2	16.5	15.7	14.9	14.0	13.0
-72.5°	18.8	18.3	17.8	17.0	16.2	15.6	14.9	14.2	13.5	12.7	11.8
-73.75°	16.6	16.2	15.8	15.2	14.5	14.0	13.4	12.8	12.1	11.4	10.6
-75°	14.5	14.2	13.8	13.3	12.8	12.4	11.9	11.4	10.8	10.1	9.4
-76.25°	13.0	12.6	12.2	11.7	11.2	10.8	10.4	9.9	9.4	8.9	8.3
-77.5°	11.4	11.1	10.7	10.2	9.8	9.5	9.1	8.6	8.2	7.7	7.1



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	9.9	9.6	9.2	8.8	8.5	8.2	7.8	7.4	7.0	6.5	6.1
-80°	8.4	8.1	7.8	7.5	7.2	6.9	6.5	6.2	5.8	5.4	5.0
-81.25°	6.8	6.7	6.5	6.2	6.0	5.7	5.5	5.2	4.8	4.5	4.1
-82.5°	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.2	3.9	3.6	3.3
-83.75°	4.2	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.8	2.6
-85°	3.1	3.0	3.0	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9
-86.25°	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.4	1.2
-87.5°	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7
-88.75°	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3
87.5°	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.6
86.25°	6.4	6.5	6.6	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.5
85°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.1	10.2	10.3	10.4
83.75°	12.0	12.2	12.5	12.7	12.9	13.1	13.3	13.4	13.6	13.7	13.9
82.5°	15.8	16.1	16.3	16.5	16.7	16.9	17.0	17.1	17.2	17.4	17.6
81.25°	19.7	20.0	20.2	20.4	20.6	20.7	20.9	21.0	21.1	21.3	21.5
80°	23.9	24.2	24.4	24.6	24.8	25.0	25.1	25.2	25.2	25.5	25.8
78.75°	28.1	28.5	28.7	28.9	29.1	29.2	29.3	29.4	29.6	29.9	30.3
77.5°	32.5	32.9	33.2	33.5	33.8	34.1	34.3	34.6	34.8	35.1	35.5
76.25°	37.0	37.5	37.9	38.3	38.7	39.0	39.4	39.7	40.0	40.3	40.6
75°	41.6	42.1	42.6	43.0	43.4	43.7	44.0	44.3	44.5	44.7	45.1
73.75°	46.2	46.7	47.2	47.6	48.0	48.3	48.6	48.8	48.9	49.2	49.7
72.5°	50.8	51.3	51.8	52.2	52.6	53.1	53.5	54.0	54.4	54.8	55.5
71.25°	55.4	56.1	56.8	57.4	58.0	58.6	59.1	59.6	60.1	60.6	61.4
70°	60.4	61.2	61.9	62.7	63.4	64.0	64.6	65.1	65.4	65.7	66.3
68.75°	65.3	66.2	67.1	67.9	68.6	69.2	69.7	70.0	70.3	70.4	70.9
67.5°	70.6	71.6	72.6	73.3	73.9	74.4	74.8	75.0	75.2	75.3	75.7
66.25°	75.9	77.0	78.1	78.6	79.0	79.4	79.7	79.9	80.1	80.3	80.7
65°	81.1	82.0	82.9	83.4	83.9	84.3	84.6	84.9	85.1	85.5	86.0
63.75°	85.8	86.7	87.5	88.2	88.7	89.4	90.0	90.5	91.0	91.5	91.9
62.5°	90.4	91.4	92.5	93.5	94.3	95.1	95.8	96.4	96.9	97.4	97.7
61.25°	95.3	96.5	97.8	99.1	99.9	100.8	101.3	101.8	102.2	102.6	103.0
60°	100.1	101.6	103.1	104.3	105.0	105.6	106.2	106.8	107.3	107.8	108.3
58.75°	104.8	106.2	107.6	108.8	109.7	110.4	111.1	111.4	111.4	111.2	110.9
57.5°	109.2	110.7	112.0	113.3	114.1	114.4	114.5	114.5	114.4	114.1	113.7
56.25°	113.6	115.1	116.0	116.9	117.6	117.8	117.9	117.8	117.8	118.1	118.5
55°	117.4	118.4	119.4	120.3	121.2	121.3	121.3	121.6	122.1	122.9	123.8
53.75°	120.6	121.7	122.7	123.5	124.0	124.2	124.6	125.3	126.3	126.3	125.3
52.5°	123.8	125.0	126.0	126.5	126.8	126.9	127.7	128.0	127.6	126.3	124.4
51.25°	127.6	128.7	129.4	129.7	130.0	130.6	131.0	130.5	129.2	127.0	126.1
50°	131.5	132.5	132.6	132.7	133.5	134.7	135.0	133.9	133.1	132.6	132.5
48.75°	135.0	134.5	134.6	135.3	136.5	138.1	138.8	138.1	137.8	138.0	138.5
47.5°	135.8	135.7	136.3	137.8	139.6	141.0	142.0	141.9	142.2	142.6	143.0
46.25°	136.2	136.9	139.4	141.5	143.1	144.2	145.1	145.8	146.3	146.9	147.4
45°	138.2	141.1	143.5	145.4	146.8	147.9	148.8	149.7	150.3	150.3	149.9
43.75°	143.2	145.6	147.9	149.2	150.4	151.6	152.6	152.6	152.3	152.0	151.7
42.5°	148.3	149.9	151.4	152.8	154.1	154.4	154.0	153.8	153.8	153.6	153.3
41.25°	152.3	153.5	155.0	156.5	155.5	154.9	154.7	154.8	155.2	155.1	154.8
40°	155.6	157.0	157.5	156.3	155.6	155.1	155.1	155.4	156.2	156.7	156.3
38.75°	158.6	158.6	157.2	156.0	155.3	155.1	155.2	155.8	156.8	156.8	155.6
37.5°	159.7	158.7	157.1	155.3	154.7	154.7	155.0	156.1	156.6	155.9	154.5
36.25°	160.3	159.1	157.4	155.3	153.8	153.9	156.4	157.5	157.4	156.0	154.6
35°	161.1	159.8	157.9	155.7	154.1	157.2	159.3	159.9	159.0	157.7	156.3



REPORT NUMBER: P394833 (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°	162.1	160.7	158.8	157.7	159.1	161.5	163.2	162.1	160.8	159.5	157.9
32.5°	163.4	161.9	160.8	161.6	163.3	165.5	165.1	164.0	162.7	160.6	158.5
31.25°	165.0	163.8	163.7	164.6	166.1	166.6	167.0	165.8	163.0	160.7	158.8
30°	166.7	165.7	165.7	166.5	167.2	167.7	167.6	165.3	162.6	160.4	160.1
28.75°	167.4	166.8	166.9	167.7	168.3	168.3	166.6	164.4	162.1	161.5	161.5
27.5°	167.6	167.3	168.0	168.8	169.1	167.9	166.1	164.0	162.7	162.2	162.3
26.25°	168.3	168.6	169.2	169.9	169.2	167.9	166.1	164.6	163.3	162.0	160.0
25°	169.4	169.8	170.4	170.3	169.7	168.3	166.4	164.9	163.3	160.5	157.8
23.75°	170.5	170.9	170.7	170.3	170.5	168.4	166.5	164.8	162.5	159.7	157.2
22.5°	171.4	171.4	170.3	169.8	169.3	168.3	166.4	164.5	162.2	159.8	159.0
21.25°	172.2	170.9	169.6	169.0	168.3	167.4	166.5	164.7	162.5	161.2	160.4
20°	172.0	170.0	168.5	168.2	167.6	167.1	166.4	165.2	163.4	162.0	161.5
18.75°	171.1	168.8	167.8	167.7	167.3	167.3	166.7	165.3	163.8	162.5	162.7
17.5°	170.1	167.7	167.4	167.4	167.7	167.9	167.1	165.1	163.5	163.3	163.6
16.25°	169.4	168.0	167.9	167.7	168.5	168.9	166.8	164.7	163.4	163.3	163.7
15°	168.8	168.6	168.5	168.8	169.4	169.1	166.4	164.0	163.2	162.9	162.1
13.75°	168.9	169.2	169.4	169.6	170.1	168.2	165.6	163.7	162.7	162.2	161.6
12.5°	169.6	170.0	170.2	170.3	170.0	167.3	164.7	163.3	161.8	162.2	162.2
11.25°	170.3	170.9	170.9	170.8	169.3	166.5	164.4	163.2	162.2	162.8	163.8
10°	170.7	171.6	171.4	171.1	168.6	165.7	164.4	163.3	162.7	162.9	162.5
8.75°	170.8	171.1	170.9	170.5	167.9	165.1	164.5	163.6	162.8	162.4	161.1
7.5°	170.7	170.6	170.3	169.4	167.0	165.1	164.5	163.9	162.5	161.4	159.9
6.25°	170.4	170.0	169.7	168.5	166.4	165.0	164.3	163.4	162.0	160.6	159.1
5°	170.0	169.4	169.0	167.8	166.1	164.9	164.1	162.9	161.6	160.1	158.6
3.75°	169.5	168.9	168.4	167.2	165.9	164.8	163.8	162.6	161.3	159.8	158.2
2.5°	169.3	168.3	167.4	166.6	165.8	164.5	163.4	162.3	161.0	159.5	157.9
1.25°	169.4	167.7	166.1	165.9	165.7	163.1	160.6	160.6	160.6	158.9	157.2
0°	169.5	167.2	164.8	165.3	165.7	161.8	157.9	159.1	160.2	158.2	156.2
-1.25°	171.8	169.2	166.6	168.7	171.0	165.9	160.5	160.9	161.5	158.9	156.3
-2.5°	174.1	171.4	168.5	171.9	176.1	170.3	163.4	162.8	162.3	159.4	156.4
-3.75°	175.7	172.5	168.9	171.6	175.2	169.8	162.8	160.9	160.2	158.2	156.3
-5°	173.7	170.8	167.4	168.7	171.7	168.0	161.8	159.2	158.1	156.9	155.9
-6.25°	171.7	169.2	165.9	166.0	168.2	166.2	160.8	157.5	156.2	155.2	155.1
-7.5°	169.8	167.6	164.5	163.3	164.9	164.2	159.6	156.0	154.9	154.0	153.8
-8.75°	168.0	166.1	163.1	160.8	161.8	162.1	158.5	155.8	154.7	153.6	152.9
-10°	166.3	164.5	161.8	159.2	159.2	159.1	157.1	155.5	154.6	153.5	152.4
-11.25°	164.9	163.5	161.2	158.4	157.0	156.2	154.9	154.3	154.5	153.4	152.4
-12.5°	163.8	162.5	160.7	157.8	155.2	153.9	151.9	152.2	153.6	153.0	152.1
-13.75°	162.7	161.5	160.5	157.5	154.2	152.1	149.7	149.9	151.6	151.8	151.2
-15°	161.2	160.4	159.5	157.3	154.0	151.2	150.2	149.6	150.6	150.3	149.7
-16.25°	159.1	159.2	158.4	157.4	154.4	152.3	151.3	150.9	150.8	149.9	147.6
-17.5°	156.9	157.8	157.1	156.6	155.0	153.2	152.2	151.9	151.9	150.9	147.9
-18.75°	154.4	155.5	155.6	155.2	155.0	153.5	152.9	152.7	152.8	151.6	148.2
-20°	152.6	153.6	153.8	153.5	153.6	153.3	152.8	153.2	151.7	150.2	148.5
-21.25°	151.5	152.1	152.0	151.5	151.7	152.2	152.2	150.8	149.7	148.2	147.1





REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	150.4	151.1	150.8	149.8	149.4	149.9	149.1	147.6	146.6	145.8	144.7
-23.75°	148.8	149.8	150.1	148.9	147.0	146.5	145.5	143.9	142.8	142.3	141.9
-25°	146.8	147.8	149.5	148.7	145.9	143.5	142.4	140.6	138.6	137.9	138.4
-26.25°	144.2	145.4	147.1	147.6	144.6	142.0	139.9	138.1	135.6	133.3	135.6
-27.5°	141.5	142.4	143.2	143.6	143.1	140.4	138.2	136.2	133.7	132.9	133.1
-28.75°	138.8	139.1	139.2	139.4	139.5	138.6	136.3	134.3	133.3	132.7	132.6
-30°	135.8	135.6	135.4	135.4	135.4	135.1	134.2	132.4	132.0	132.0	131.8
-31.25°	132.3	131.9	131.7	131.5	131.4	131.1	130.5	130.9	130.3	130.1	130.2
-32.5°	128.9	128.4	127.8	127.6	127.4	127.1	127.2	127.7	128.1	128.0	127.9
-33.75°	125.7	125.1	124.2	123.5	123.2	123.2	124.0	124.4	124.8	125.1	125.2
-35°	122.5	121.9	121.1	120.0	118.9	119.6	120.3	121.0	121.4	121.6	121.8
-36.25°	119.2	118.7	118.0	116.9	116.0	115.9	116.5	117.2	117.7	118.1	118.2
-37.5°	115.9	115.3	114.7	114.0	113.1	112.7	112.8	113.3	113.7	114.2	114.1
-38.75°	112.0	111.9	111.2	110.1	109.7	109.0	108.8	109.0	109.8	110.1	108.9
-40°	106.9	107.5	107.3	105.2	104.2	104.2	104.3	104.2	104.5	104.4	103.2
-41.25°	101.6	101.9	101.0	99.5	97.9	97.2	97.4	98.6	98.8	97.4	95.8
-42.5°	95.0	95.7	94.3	92.7	90.9	89.4	88.8	89.2	90.0	89.8	88.0
-43.75°	86.4	87.5	87.6	85.9	84.0	82.0	79.9	78.9	79.4	79.5	78.9
-45°	77.5	78.9	79.4	78.8	77.2	75.1	72.9	70.6	69.7	69.5	69.3
-46.25°	71.1	70.9	71.7	71.5	70.4	68.4	66.0	64.7	64.2	63.1	61.3
-47.5°	66.5	65.9	65.2	64.8	64.1	62.6	60.2	59.4	59.1	58.4	57.2
-48.75°	61.9	61.4	60.7	59.8	58.6	57.4	56.0	55.5	55.0	54.3	53.5
-50°	58.6	57.3	56.4	55.5	54.4	53.0	52.1	51.7	51.1	50.5	49.7
-51.25°	55.5	54.1	52.7	51.4	50.2	49.0	48.3	47.7	47.1	46.7	45.9
-52.5°	52.2	50.8	49.2	47.8	46.4	45.1	44.3	43.5	42.8	42.1	41.5
-53.75°	47.5	46.5	45.6	44.1	42.6	41.3	40.2	39.2	38.3	37.5	36.7
-55°	42.6	41.3	40.1	39.1	38.3	37.2	35.8	34.6	33.5	32.4	31.5
-56.25°	38.0	36.0	34.6	33.3	32.2	31.9	31.1	29.9	28.4	27.1	25.9
-57.5°	34.0	32.2	30.1	27.7	26.5	26.5	26.1	25.3	24.1	22.6	20.7
-58.75°	30.2	28.6	26.8	24.6	23.4	22.6	21.6	21.0	20.3	19.2	17.8
-60°	27.4	25.6	23.7	21.8	21.1	20.2	19.3	18.4	17.3	16.2	15.1
-61.25°	24.8	23.2	21.5	19.9	19.0	18.0	17.1	16.2	15.2	14.1	13.0
-62.5°	22.6	21.0	19.4	18.1	17.4	16.5	15.5	14.5	13.3	12.1	11.0
-63.75°	20.8	19.2	17.5	16.5	15.8	15.1	14.3	13.3	12.3	11.2	10.1
-65°	19.0	17.5	15.9	15.2	14.5	13.8	13.1	12.2	11.4	10.4	9.4
-66.25°	17.4	15.9	14.5	13.9	13.2	12.6	11.9	11.1	10.4	9.5	8.7
-67.5°	15.8	14.5	13.3	12.7	12.1	11.5	10.8	10.1	9.3	8.6	7.8
-68.75°	14.3	13.1	12.2	11.7	11.1	10.5	9.8	9.2	8.5	7.7	7.0
-70°	13.1	12.0	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.3
-71.25°	12.0	10.9	10.3	9.8	9.3	8.7	8.1	7.5	6.9	6.3	5.7
-72.5°	10.9	9.9	9.4	8.9	8.4	7.9	7.3	6.8	6.2	5.6	5.1
-73.75°	9.8	8.9	8.5	8.1	7.6	7.1	6.6	6.1	5.5	5.0	4.5
-75°	8.7	8.0	7.6	7.3	6.8	6.4	6.0	5.5	5.0	4.5	4.1
-76.25°	7.6	7.1	6.7	6.4	6.0	5.7	5.3	4.9	4.4	4.0	3.6
-77.5°	6.6	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.4	3.1



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CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	5.6	5.2	5.0	4.7	4.4	4.1	3.8	3.5	3.1	2.8	2.6
-80°	4.6	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.7	2.4	2.2
-81.25°	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9
-82.5°	3.0	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.5
-83.75°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.2
-85°	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9
-86.25°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6
-87.5°	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3
-88.75°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	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: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.6
87.5°	4.7	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.1	5.1	5.1
86.25°	7.6	7.6	7.7	7.8	7.9	8.0	8.0	8.0	7.9	7.9	7.9
85°	10.5	10.6	10.7	10.8	10.9	11.0	10.9	10.9	10.8	10.7	10.6
83.75°	14.0	14.2	14.3	14.4	14.5	14.6	14.6	14.6	14.5	14.5	14.5
82.5°	17.7	17.9	18.0	18.1	18.2	18.3	18.3	18.4	18.4	18.3	18.3
81.25°	21.8	22.0	22.2	22.3	22.5	22.7	22.7	22.7	22.7	22.7	22.6
80°	26.0	26.3	26.6	26.8	27.0	27.2	27.2	27.2	27.1	27.0	26.9
78.75°	30.7	31.0	31.3	31.6	31.8	32.0	32.1	32.0	32.0	31.9	31.8
77.5°	35.8	36.1	36.4	36.6	36.8	37.0	37.0	37.0	36.9	36.8	36.7
76.25°	40.9	41.1	41.4	41.6	41.9	42.1	42.1	42.1	42.0	41.9	41.8
75°	45.5	45.9	46.3	46.6	47.0	47.3	47.4	47.3	47.2	47.1	47.0
73.75°	50.3	50.9	51.5	52.0	52.5	52.9	53.1	53.0	52.9	52.7	52.5
72.5°	56.2	56.8	57.4	58.0	58.5	59.0	59.1	59.0	58.7	58.5	58.1
71.25°	62.1	62.7	63.2	63.6	64.0	64.3	64.4	64.2	64.0	63.8	63.5
70°	66.8	67.3	67.8	68.2	68.6	68.9	69.1	69.1	69.0	68.9	68.8
68.75°	71.5	72.0	72.5	73.0	73.4	73.9	74.2	74.3	74.3	74.3	74.2
67.5°	76.4	77.1	77.7	78.2	78.8	79.3	79.7	79.7	79.8	79.7	79.6
66.25°	81.5	82.2	82.9	83.5	84.2	84.7	85.2	85.3	85.3	85.3	85.3
65°	87.0	87.8	88.6	89.2	89.8	90.3	90.7	90.8	91.0	91.0	91.0
63.75°	92.8	93.6	94.3	94.9	95.3	95.7	95.9	96.1	96.1	96.2	96.1
62.5°	98.4	99.0	99.5	100.0	100.3	100.6	100.8	100.9	101.0	101.0	100.9
61.25°	103.6	104.2	104.6	105.0	105.3	105.6	105.9	106.2	106.4	106.4	106.3
60°	108.2	108.5	108.9	109.5	110.1	110.9	111.8	112.3	112.3	112.1	111.8
58.75°	110.9	111.6	112.5	113.6	114.8	116.1	117.2	117.9	117.7	117.4	117.2
57.5°	113.5	115.3	116.9	118.3	119.6	120.7	121.6	122.3	122.4	122.5	122.5
56.25°	119.2	120.7	122.2	123.4	124.5	125.4	125.8	126.3	126.3	126.2	126.0
55°	124.9	125.4	125.1	125.1	125.6	126.4	127.6	129.0	129.0	128.8	128.5
53.75°	123.7	122.7	123.1	124.0	125.3	127.0	129.2	131.6	132.0	131.8	131.6
52.5°	121.8	119.6	122.3	125.6	128.4	130.9	133.0	134.8	135.3	135.2	135.1
51.25°	125.7	125.6	128.7	131.4	133.7	135.5	137.0	137.8	137.9	137.9	138.1
50°	132.7	133.3	135.4	136.8	137.8	138.4	138.6	138.6	138.5	139.5	140.7
48.75°	138.7	139.0	139.6	140.5	140.8	140.8	140.4	139.8	139.9	141.9	143.8
47.5°	143.4	143.8	144.2	144.3	144.1	144.0	144.0	144.2	144.4	146.0	147.6
46.25°	147.7	147.3	146.9	146.9	147.0	147.3	147.8	148.3	148.5	149.2	149.9
45°	149.6	149.3	149.1	149.2	149.4	149.5	149.7	149.8	149.9	150.3	150.8
43.75°	151.5	151.2	150.7	150.4	150.5	150.7	150.9	151.1	151.3	151.5	151.9
42.5°	153.0	152.5	152.0	151.4	151.7	151.9	152.1	152.3	152.5	152.7	153.1
41.25°	154.4	154.0	153.2	152.6	152.7	153.0	153.2	153.4	153.6	153.4	153.7
40°	155.0	154.2	153.7	153.6	153.7	153.7	153.4	153.2	152.9	152.7	153.2
38.75°	154.6	154.1	154.0	153.7	153.3	153.0	152.7	152.5	152.2	152.3	153.0
37.5°	154.1	154.1	153.9	153.5	152.8	152.4	153.0	153.4	153.5	153.4	153.6
36.25°	154.7	154.5	154.1	153.9	154.3	154.8	155.2	155.3	155.1	154.6	154.6
35°	155.5	155.2	155.3	155.7	156.4	157.5	156.8	156.0	155.8	156.1	156.8



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	156.1	156.0	156.4	157.2	157.1	156.1	155.2	155.1	155.8	157.0	158.4
32.5°	157.0	156.5	157.4	157.4	156.5	154.7	152.9	154.1	155.5	157.0	158.6
31.25°	158.2	158.7	159.1	158.5	156.6	154.4	152.6	153.6	155.2	156.8	158.5
30°	160.4	161.3	161.4	158.3	155.8	153.9	152.6	153.3	155.2	156.7	157.7
28.75°	162.1	161.1	159.3	156.6	154.5	153.5	153.5	154.6	156.0	156.9	157.3
27.5°	160.4	158.5	156.5	154.5	153.1	152.9	153.9	155.9	156.3	156.5	156.7
26.25°	158.0	155.9	154.5	152.0	150.8	151.4	153.9	155.2	155.5	155.7	156.0
25°	156.0	155.4	153.6	150.6	150.4	153.5	155.1	155.5	154.2	153.9	154.1
23.75°	157.0	156.1	154.2	154.3	154.9	156.6	155.9	153.4	151.6	151.2	151.8
22.5°	158.8	158.2	158.1	158.6	159.5	154.9	151.8	149.6	148.4	148.1	149.1
21.25°	160.5	161.3	161.5	160.7	156.2	151.2	146.9	147.7	147.6	145.6	145.9
20°	162.1	163.0	162.5	158.4	153.6	149.6	149.4	149.9	148.6	146.1	146.2
18.75°	163.3	162.8	160.1	156.9	154.0	153.7	153.9	153.9	151.2	150.0	150.0
17.5°	163.3	160.5	157.7	156.9	157.4	157.3	156.1	154.2	152.7	152.4	151.7
16.25°	161.3	158.4	157.1	158.1	159.4	157.9	155.1	153.4	152.1	150.6	150.1
15°	159.9	157.2	157.9	158.9	157.8	155.5	153.3	152.5	150.7	147.8	148.2
13.75°	159.8	158.5	158.4	157.4	154.1	151.7	153.2	153.6	151.3	148.1	148.0
12.5°	160.7	159.3	158.5	153.9	149.9	150.7	153.7	155.9	152.0	149.1	148.6
11.25°	161.1	159.2	156.5	152.3	149.0	151.5	154.6	153.6	150.5	147.8	147.9
10°	160.5	158.4	155.8	152.1	151.7	153.1	154.0	152.3	149.2	147.3	147.3
8.75°	159.3	157.5	155.8	153.8	152.9	153.2	152.7	152.2	149.3	147.3	147.0
7.5°	158.3	156.9	155.3	155.1	153.6	152.0	151.5	150.5	148.2	145.7	146.5
6.25°	157.8	156.5	156.0	157.6	157.2	153.1	150.6	149.2	147.3	146.5	147.2
5°	157.0	155.6	157.3	161.2	159.6	153.8	151.2	151.4	148.9	147.1	147.4
3.75°	155.9	153.7	155.5	159.1	157.6	152.8	153.6	156.7	153.9	149.0	147.2
2.5°	154.7	151.6	153.0	155.4	153.7	150.8	151.8	154.8	153.2	149.1	149.0
1.25°	154.5	151.5	150.9	150.9	150.6	149.8	148.8	148.4	147.8	146.6	146.7
0°	155.2	154.2	149.6	145.0	147.2	149.3	144.9	140.4	142.2	144.0	143.3
-1.25°	157.0	158.1	155.1	152.2	152.0	151.5	148.4	145.2	145.9	146.4	145.5
-2.5°	157.2	158.1	155.7	153.0	151.4	149.8	147.5	145.4	144.8	143.9	142.7
-3.75°	155.8	155.3	153.4	151.4	149.7	148.0	146.4	145.1	143.6	142.3	141.1
-5°	154.9	153.0	151.0	149.8	148.7	147.4	146.3	144.3	142.0	141.0	139.6
-6.25°	154.3	152.0	150.2	149.2	148.1	147.2	146.7	144.4	142.7	141.5	139.6
-7.5°	153.2	151.3	149.9	148.8	147.5	146.8	146.2	144.9	143.6	142.7	141.9
-8.75°	151.8	150.4	149.4	148.6	147.5	146.6	145.8	144.8	143.4	142.0	141.0
-10°	150.8	149.3	149.1	148.6	147.6	146.7	145.7	144.1	142.7	141.3	139.7
-11.25°	150.9	149.7	149.1	148.5	147.7	146.5	145.0	143.5	142.0	141.9	140.7
-12.5°	151.3	150.2	149.3	148.7	147.3	145.8	144.3	142.8	141.5	141.4	142.4
-13.75°	151.3	150.5	149.8	148.1	146.5	145.0	143.5	142.3	140.5	139.6	139.8
-15°	150.1	150.3	148.2	146.8	145.6	144.1	143.4	142.8	141.2	138.9	137.8
-16.25°	147.8	147.4	146.0	144.7	144.1	143.4	142.9	143.1	142.8	140.1	138.1
-17.5°	145.2	144.6	143.3	141.8	141.6	142.0	141.6	141.6	141.5	140.2	137.9
-18.75°	144.8	142.4	141.1	139.6	139.9	140.4	140.2	139.5	139.2	138.3	136.8
-20°	145.1	141.9	139.6	139.2	139.1	139.4	139.4	138.5	137.6	136.8	136.0
-21.25°	145.5	142.4	140.0	138.4	138.2	138.4	138.5	137.6	136.7	135.8	135.3



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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°	144.0	143.3	141.1	139.0	137.0	137.0	136.5	136.1	135.7	134.8	134.5
-23.75°	141.8	142.2	142.1	140.0	138.1	135.9	134.5	134.0	133.5	133.3	133.5
-25°	139.9	140.3	140.5	140.5	138.9	136.3	134.1	132.3	131.2	131.4	131.7
-26.25°	137.3	138.5	138.8	138.8	137.8	136.4	134.0	131.9	130.5	130.1	129.9
-27.5°	134.9	136.2	137.0	136.9	135.5	134.2	132.7	131.2	130.1	129.6	129.2
-28.75°	133.1	134.3	135.3	134.4	133.2	131.9	130.4	129.1	129.0	128.8	128.4
-30°	132.0	132.8	133.0	131.8	130.6	129.3	128.1	127.5	127.5	127.4	127.2
-31.25°	130.5	130.9	129.8	128.9	127.9	126.7	125.3	125.2	125.5	125.9	126.1
-32.5°	128.1	127.7	126.4	125.2	124.2	123.3	122.8	122.5	122.4	122.4	122.5
-33.75°	125.2	123.8	122.5	121.3	120.1	118.9	118.8	119.0	118.9	118.7	118.4
-35°	121.2	119.7	118.2	116.8	115.5	114.3	114.9	115.2	115.4	115.3	115.0
-36.25°	117.2	115.8	114.0	112.2	110.7	110.0	110.7	111.4	111.8	112.0	112.0
-37.5°	113.6	112.4	110.8	108.8	106.5	105.8	106.6	107.3	107.7	108.1	108.2
-38.75°	108.2	108.0	107.9	106.2	104.2	103.5	103.1	103.2	103.7	104.2	104.0
-40°	101.8	101.0	100.6	100.7	101.2	100.7	99.7	99.0	98.7	98.6	98.4
-41.25°	94.5	93.4	92.4	91.7	91.4	91.6	92.0	92.6	93.3	92.4	92.2
-42.5°	86.3	84.7	83.4	82.1	81.2	80.6	80.1	79.8	79.7	79.9	81.1
-43.75°	77.6	75.7	73.9	72.7	72.3	71.4	69.7	67.5	65.6	65.5	66.7
-45°	68.4	66.9	64.8	63.8	64.0	63.7	62.7	61.3	59.4	58.2	57.7
-46.25°	59.6	58.5	56.9	56.9	56.9	56.7	56.2	55.4	54.3	53.7	53.2
-47.5°	55.4	53.1	50.7	50.1	50.2	50.2	49.9	49.3	48.5	48.4	48.2
-48.75°	52.3	50.6	48.8	47.5	46.2	45.1	44.1	43.3	42.8	42.9	42.8
-50°	48.9	47.9	46.8	45.2	43.7	42.3	41.0	39.7	38.8	38.7	38.4
-51.25°	45.1	44.1	43.0	41.8	40.5	39.1	37.7	36.2	35.4	35.3	35.1
-52.5°	40.9	40.3	39.2	37.9	36.6	35.3	33.8	32.3	31.7	31.6	31.5
-53.75°	35.9	34.9	33.8	32.8	31.8	30.9	29.9	28.4	27.9	27.6	27.4
-55°	30.6	29.4	27.9	26.5	25.1	23.8	22.6	21.4	21.6	21.9	22.0
-56.25°	24.7	23.7	22.4	20.8	18.9	16.8	15.0	13.5	14.0	14.4	14.6
-57.5°	18.8	18.2	17.3	16.2	14.8	13.1	11.2	9.5	9.4	9.2	8.9
-58.75°	16.3	15.1	13.7	12.4	11.0	9.6	8.2	7.1	6.9	6.8	6.5
-60°	13.9	12.7	11.5	10.2	8.8	7.4	6.0	5.1	4.9	4.6	4.3
-61.25°	11.9	10.8	9.5	8.2	6.7	5.4	4.0	3.3	3.1	2.9	2.6
-62.5°	10.1	9.1	8.0	6.8	5.6	4.3	2.9	2.3	2.0	1.6	1.3
-63.75°	9.0	7.9	6.8	5.6	4.5	3.4	2.2	1.8	1.6	1.3	1.0
-65°	8.4	7.4	6.3	5.2	4.1	3.0	1.9	1.6	1.3	1.1	0.8
-66.25°	7.8	6.9	5.9	4.9	3.8	2.8	1.7	1.5	1.3	1.0	0.8
-67.5°	7.0	6.1	5.3	4.4	3.4	2.5	1.6	1.4	1.2	1.0	0.7
-68.75°	6.3	5.5	4.7	3.9	3.0	2.2	1.4	1.2	1.1	0.9	0.7
-70°	5.7	5.0	4.2	3.5	2.7	1.9	1.3	1.1	1.0	0.8	0.6
-71.25°	5.1	4.5	3.8	3.2	2.5	1.8	1.3	1.1	0.9	0.7	0.6
-72.5°	4.6	4.0	3.4	2.8	2.2	1.6	1.2	1.0	0.9	0.7	0.5
-73.75°	4.0	3.5	3.0	2.5	2.0	1.4	1.1	0.9	0.8	0.6	0.5
-75°	3.6	3.2	2.7	2.2	1.7	1.2	1.0	0.8	0.7	0.6	0.4
-76.25°	3.2	2.8	2.4	1.9	1.5	1.0	0.8	0.7	0.6	0.5	0.4
-77.5°	2.8	2.4	2.0	1.7	1.3	0.9	0.7	0.6	0.5	0.4	0.3



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CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2.3	2.0	1.7	1.4	1.1	0.7	0.6	0.5	0.4	0.4	0.3
-80°	1.9	1.7	1.4	1.2	0.9	0.6	0.5	0.4	0.4	0.3	0.2
-81.25°	1.6	1.4	1.2	0.9	0.7	0.4	0.4	0.3	0.3	0.2	0.2
-82.5°	1.3	1.1	0.9	0.7	0.5	0.3	0.3	0.2	0.2	0.2	0.1
-83.75°	1.1	0.9	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2	0.1
-85°	0.8	0.7	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1
-86.25°	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1
-87.5°	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-88.75°	0.1	0.1	0.1	0.1	0.1	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



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.6
87.5°	5.2	5.2	5.2	5.1	5.1	5.0	5.0	5.0	5.1	5.1	5.2
86.25°	7.9	7.8	7.8	7.7	7.7	7.6	7.6	7.6	7.7	7.7	7.8
85°	10.6	10.5	10.4	10.3	10.3	10.2	10.2	10.2	10.3	10.3	10.4
83.75°	14.4	14.3	14.3	14.3	14.3	14.3	14.4	14.3	14.3	14.3	14.3
82.5°	18.3	18.3	18.2	18.3	18.4	18.4	18.5	18.4	18.4	18.3	18.2
81.25°	22.5	22.5	22.3	22.5	22.7	22.9	23.1	22.9	22.7	22.5	22.3
80°	26.8	26.7	26.5	26.8	27.1	27.4	27.7	27.4	27.1	26.8	26.5
78.75°	31.6	31.5	31.3	31.6	31.9	32.3	32.6	32.3	31.9	31.6	31.3
77.5°	36.5	36.3	36.1	36.4	36.8	37.1	37.4	37.1	36.8	36.4	36.1
76.25°	41.6	41.4	41.2	40.8	40.4	39.9	39.5	39.9	40.4	40.8	41.2
75°	46.8	46.6	46.3	45.3	44.0	42.8	41.5	42.8	44.0	45.3	46.3
73.75°	52.2	51.9	51.6	50.9	50.1	49.3	48.5	49.3	50.1	50.9	51.6
72.5°	57.7	57.3	56.8	56.5	56.2	55.8	55.4	55.8	56.2	56.5	56.8
71.25°	63.2	62.9	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.6	62.6
70°	68.7	68.5	68.3	68.7	69.2	69.6	70.0	69.6	69.2	68.7	68.3
68.75°	74.1	73.9	73.7	73.9	74.3	74.7	75.0	74.7	74.3	73.9	73.7
67.5°	79.4	79.2	79.0	79.1	79.5	79.8	80.0	79.8	79.5	79.1	79.0
66.25°	85.2	85.0	84.8	84.5	83.9	83.3	82.7	83.3	83.9	84.5	84.8
65°	91.0	90.9	90.8	89.9	88.4	86.9	85.3	86.9	88.4	89.9	90.8
63.75°	96.0	95.9	95.7	95.3	94.9	94.4	93.9	94.4	94.9	95.3	95.7
62.5°	100.8	100.7	100.5	100.7	101.3	101.9	102.4	101.9	101.3	100.7	100.5
61.25°	106.1	105.8	105.4	105.5	106.1	106.6	107.1	106.6	106.1	105.5	105.4
60°	111.4	110.9	110.3	110.2	110.8	111.3	111.7	111.3	110.8	110.2	110.3
58.75°	117.0	116.7	116.4	116.2	116.1	116.0	115.8	116.0	116.1	116.2	116.4
57.5°	122.6	122.6	122.5	122.3	121.5	120.7	119.8	120.7	121.5	122.3	122.5
56.25°	125.7	125.4	125.1	124.8	124.6	124.3	124.1	124.3	124.6	124.8	125.1
55°	128.1	127.7	127.2	127.0	127.5	127.9	128.4	127.9	127.5	127.0	127.2
53.75°	131.4	131.0	130.7	130.5	130.9	131.2	131.4	131.2	130.9	130.5	130.7
52.5°	134.9	134.7	134.4	134.1	134.3	134.4	134.4	134.4	134.3	134.1	134.4
51.25°	138.5	139.1	139.8	140.3	139.4	138.4	137.3	138.4	139.4	140.3	139.8
50°	142.1	143.7	145.3	146.8	144.7	142.5	140.1	142.5	144.7	146.8	145.3
48.75°	145.5	147.0	148.4	149.7	145.8	141.7	137.6	141.7	145.8	149.7	148.4
47.5°	148.9	150.1	151.2	152.1	146.8	140.9	135.0	140.9	146.8	152.1	151.2
46.25°	150.6	151.2	151.7	152.2	148.8	145.1	141.4	145.1	148.8	152.2	151.7
45°	151.3	151.6	151.9	152.1	150.8	149.3	147.8	149.3	150.8	152.1	151.9
43.75°	152.3	152.6	152.9	153.2	152.1	150.5	148.9	150.5	152.1	153.2	152.9
42.5°	153.5	153.9	154.2	154.5	153.4	151.7	150.0	151.7	153.4	154.5	154.2
41.25°	154.1	154.6	155.2	155.9	154.1	150.7	147.3	150.7	154.1	155.9	155.2
40°	154.1	155.0	156.1	157.3	154.9	149.7	144.5	149.7	154.9	157.3	156.1
38.75°	154.1	155.1	155.9	156.7	155.4	152.3	149.2	152.3	155.4	156.7	155.9
37.5°	154.3	155.0	155.5	156.0	155.8	154.8	153.8	154.8	155.8	156.0	155.5
36.25°	155.4	155.9	156.3	156.5	156.3	155.4	154.4	155.4	156.3	156.5	156.3
35°	157.2	157.4	157.4	157.3	156.9	155.9	155.0	155.9	156.9	157.3	157.4

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°
33.75°	158.8	158.9	159.2	159.6	159.4	157.1	154.7	157.1	159.4
32.5°	159.6	160.3	161.1	162.1	162.3	158.4	154.4	158.4	162.3
31.25°	159.5	159.9	160.1	160.2	160.1	157.0	154.1	157.0	160.1
30°	158.4	158.3	158.0	157.7	157.3	155.5	153.8	155.5	157.3
28.75°	157.5	157.4	157.2	157.1	156.9	155.5	154.0	155.5	156.9
27.5°	157.0	157.1	156.9	156.8	156.7	155.5	154.1	155.5	156.7
26.25°	156.3	156.4	156.3	156.4	156.5	155.2	153.5	155.2	156.5
25°	154.6	155.4	155.6	155.9	156.3	154.9	152.8	154.9	156.3
23.75°	152.8	154.5	155.3	156.4	157.6	155.8	152.1	155.8	157.6
22.5°	151.0	153.4	155.3	157.0	158.9	156.9	151.4	156.9	158.9
21.25°	148.6	152.4	154.9	156.0	157.0	155.4	150.9	155.4	157.0
20°	150.0	152.8	154.5	154.8	154.9	153.6	150.4	153.6	154.9
18.75°	152.3	153.4	154.0	154.0	153.9	153.0	149.8	153.0	153.9
17.5°	151.7	152.3	153.0	153.2	153.1	152.4	149.1	152.4	153.1
16.25°	150.6	151.2	152.0	152.9	154.8	156.2	149.7	156.2	154.8
15°	149.4	150.1	150.8	152.1	156.3	160.6	150.2	160.6	156.3
13.75°	148.8	149.0	150.0	150.6	152.8	154.6	148.1	154.6	152.8
12.5°	148.8	149.5	150.3	150.1	149.4	148.0	146.0	148.0	149.4
11.25°	147.9	149.3	150.0	148.6	149.2	150.0	147.7	150.0	149.2
10°	146.9	146.1	144.0	144.3	148.6	152.0	149.4	152.0	148.6
8.75°	146.0	144.1	140.2	141.1	146.7	148.6	146.4	148.6	146.7
7.5°	146.0	144.2	142.2	144.8	146.7	145.5	143.3	145.5	146.7
6.25°	146.9	146.5	143.6	144.3	146.2	144.6	142.7	144.6	146.2
5°	147.1	146.6	147.5	142.8	141.8	144.7	142.0	144.7	141.8
3.75°	146.8	145.4	141.5	147.9	141.5	144.2	141.5	144.2	141.5
2.5°	149.6	146.1	141.4	137.0	144.5	142.7	140.9	142.7	144.5
1.25°	147.7	146.2	142.9	142.4	145.7	142.2	141.9	142.2	145.7
0°	142.6	142.1	141.5	141.3	141.0	141.9	142.8	141.9	141.0
-1.25°	144.3	143.6	142.9	141.8	140.6	141.7	140.0	141.7	140.6
-2.5°	141.7	140.8	140.2	141.7	141.1	139.2	137.2	139.2	141.1
-3.75°	140.4	141.2	142.1	141.3	139.6	143.3	140.0	143.3	139.6
-5°	139.8	142.7	144.6	141.8	140.6	142.6	142.8	142.6	140.6
-6.25°	141.7	145.4	143.1	140.9	140.8	142.6	140.0	142.6	140.8
-7.5°	144.2	141.7	139.3	138.5	142.3	141.9	137.1	141.9	142.3
-8.75°	139.9	137.2	137.6	138.5	141.6	140.0	139.5	140.0	141.6
-10°	136.3	135.4	135.9	138.1	139.8	138.9	142.0	138.9	139.8
-11.25°	137.8	134.8	134.2	137.7	139.3	138.7	140.2	138.7	139.3
-12.5°	139.6	136.3	136.0	138.1	138.9	138.5	138.5	138.5	138.9
-13.75°	139.0	137.3	137.6	138.5	138.4	138.2	139.4	138.2	138.4
-15°	137.6	137.3	137.8	138.2	138.0	137.9	140.3	137.9	138.0
-16.25°	137.0	137.2	137.5	137.7	137.6	137.7	139.3	137.7	137.6
-17.5°	136.8	136.9	137.1	137.0	137.0	137.3	138.4	137.3	137.0
-18.75°	136.4	136.4	136.5	135.8	135.2	135.5	137.9	135.5	135.2
-20°	135.8	135.8	135.5	134.4	133.3	133.9	137.5	133.9	133.3
-21.25°	135.1	134.9	134.3	133.2	132.1	133.3	137.4	133.3	132.1



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**CANDELA DISTRIBUTION (continued):**

3.75°	5°		-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°
159.6	159.2	-22.5°	134.3	134.0	133.4	132.3	131.1	132.8	137.4	132.8	131.1
162.1	161.1	-23.75°	133.5	133.1	132.8	132.2	131.5	133.2	136.5	133.2	131.5
160.2	160.1	-25°	131.8	131.7	131.6	131.6	131.7	133.4	135.7	133.4	131.7
157.7	158.0	-26.25°	130.0	129.7	129.0	128.3	127.8	130.7	134.5	130.7	127.8
157.1	157.2	-27.5°	128.9	127.9	126.6	125.2	123.9	128.1	133.4	128.1	123.9
156.8	156.9	-28.75°	127.9	126.5	125.0	123.5	122.0	125.4	129.1	125.4	122.0
156.4	156.3	-30°	126.7	125.0	123.3	121.7	120.1	122.5	124.9	122.5	120.1
155.9	155.6	-31.25°	125.3	123.4	121.5	119.7	118.1	120.4	122.6	120.4	118.1
156.4	155.3	-32.5°	122.3	121.3	119.8	117.9	116.4	118.3	120.4	118.3	116.4
157.0	155.3	-33.75°	118.7	118.8	118.4	117.7	117.0	117.4	117.8	117.4	117.0
156.0	154.9	-35°	115.5	116.1	116.6	117.1	117.2	116.3	115.3	116.3	117.2
154.8	154.5	-36.25°	112.3	112.6	112.9	113.1	113.0	112.5	111.9	112.5	113.0
154.0	154.0	-37.5°	108.3	108.4	108.6	108.7	108.8	108.7	108.4	108.7	108.8
153.2	153.0	-38.75°	103.5	103.1	102.7	102.3	103.2	105.1	106.9	105.1	103.2
152.9	152.0	-40°	98.0	97.4	96.7	95.8	97.6	101.6	105.4	101.6	97.6
152.1	150.8	-41.25°	91.8	91.3	90.6	89.7	90.5	92.4	94.0	92.4	90.5
150.6	150.0	-42.5°	82.0	82.6	82.8	82.7	82.9	83.0	82.7	83.0	82.9
150.1	150.3	-43.75°	67.5	68.1	68.3	68.1	68.6	69.1	69.3	69.1	68.6
148.6	150.0	-45°	57.1	56.3	55.5	54.5	54.8	55.4	55.8	55.4	54.8
144.3	144.0	-46.25°	52.6	52.0	51.2	50.3	50.3	50.3	50.2	50.3	50.3
141.1	140.2	-47.5°	47.9	47.4	46.8	46.0	45.6	45.2	44.6	45.2	45.6
144.8	142.2	-48.75°	42.6	42.2	41.7	41.1	41.2	41.2	41.1	41.2	41.2
144.3	143.6	-50°	38.0	37.5	37.0	36.5	36.9	37.2	37.5	37.2	36.9
142.8	147.5	-51.25°	34.8	34.5	34.1	33.7	33.7	33.8	33.8	33.8	33.7
147.9	141.5	-52.5°	31.4	31.2	30.9	30.7	30.5	30.3	30.0	30.3	30.5
137.0	141.4	-53.75°	27.1	26.7	26.3	26.0	25.7	25.4	25.0	25.4	25.7
142.4	142.9	-55°	21.9	21.8	21.4	21.1	20.8	20.4	19.9	20.4	20.8
141.3	141.5	-56.25°	14.7	14.6	14.5	14.3	14.3	14.1	13.9	14.1	14.3
141.8	142.9	-57.5°	8.7	8.4	8.0	7.8	7.9	7.8	7.8	7.8	7.9
141.7	140.2	-58.75°	6.3	6.0	5.7	5.5	5.4	5.3	5.2	5.3	5.4
141.3	142.1	-60°	4.0	3.7	3.4	3.1	3.0	2.8	2.6	2.8	3.0
141.8	144.6	-61.25°	2.3	2.0	1.7	1.5	1.5	1.4	1.3	1.4	1.5
140.9	143.1	-62.5°	0.9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
138.5	139.3	-63.75°	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
138.5	137.6	-65°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
138.1	135.9	-66.25°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
137.7	134.2	-67.5°	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
138.1	136.0	-68.75°	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
138.5	137.6	-70°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.2	137.8	-71.25°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	137.5	-72.5°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	137.1	-73.75°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.8	136.5	-75°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	135.5	-76.25°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.2	134.3	-77.5°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5
0.0	0.0	87.5°	5.2	5.2	5.1	5.1	5.1	5.1	5.1	5.0	5.0
0.0	0.0	86.25°	7.8	7.9	7.9	7.9	7.9	8.0	8.0	8.0	7.9
0.0	0.0	85°	10.5	10.6	10.6	10.7	10.8	10.9	10.9	11.0	10.9
0.0	0.0	83.75°	14.3	14.4	14.5	14.5	14.5	14.6	14.6	14.6	14.5
0.0	0.0	82.5°	18.3	18.3	18.3	18.3	18.4	18.4	18.3	18.3	18.2
0.0	0.0	81.25°	22.5	22.5	22.6	22.7	22.7	22.7	22.7	22.7	22.5
0.0	0.0	80°	26.7	26.8	26.9	27.0	27.1	27.2	27.2	27.2	27.0
0.0	0.0	78.75°	31.5	31.6	31.8	31.9	32.0	32.0	32.1	32.0	31.8
		77.5°	36.3	36.5	36.7	36.8	36.9	37.0	37.0	37.0	36.8
		76.25°	41.4	41.6	41.8	41.9	42.0	42.1	42.1	42.1	41.9
		75°	46.6	46.8	47.0	47.1	47.2	47.3	47.4	47.3	47.0
		73.75°	51.9	52.2	52.5	52.7	52.9	53.0	53.1	52.9	52.5
		72.5°	57.3	57.7	58.1	58.5	58.7	59.0	59.1	59.0	58.5
		71.25°	62.9	63.2	63.5	63.8	64.0	64.2	64.4	64.3	64.0
		70°	68.5	68.7	68.8	68.9	69.0	69.1	69.1	68.9	68.6
		68.75°	73.9	74.1	74.2	74.3	74.3	74.3	74.2	73.9	73.4
		67.5°	79.2	79.4	79.6	79.7	79.8	79.7	79.7	79.3	78.8
		66.25°	85.0	85.2	85.3	85.3	85.3	85.3	85.2	84.7	84.2
		65°	90.9	91.0	91.0	91.0	91.0	90.8	90.7	90.3	89.8
		63.75°	95.9	96.0	96.1	96.2	96.1	96.1	95.9	95.7	95.3
		62.5°	100.7	100.8	100.9	101.0	101.0	100.9	100.8	100.6	100.3
		61.25°	105.8	106.1	106.3	106.4	106.4	106.2	105.9	105.6	105.3
		60°	110.9	111.4	111.8	112.1	112.3	112.3	111.8	110.9	110.1
		58.75°	116.7	117.0	117.2	117.4	117.7	117.9	117.2	116.1	114.8
		57.5°	122.6	122.6	122.5	122.5	122.4	122.3	121.6	120.7	119.6
		56.25°	125.4	125.7	126.0	126.2	126.3	126.3	125.8	125.4	124.5
		55°	127.7	128.1	128.5	128.8	129.0	129.0	127.6	126.4	125.6
		53.75°	131.0	131.4	131.6	131.8	132.0	131.6	129.2	127.0	125.3
		52.5°	134.7	134.9	135.1	135.2	135.3	134.8	133.0	130.9	128.4
		51.25°	139.1	138.5	138.1	137.9	137.9	137.8	137.0	135.5	133.7
		50°	143.7	142.1	140.7	139.5	138.5	138.6	138.6	138.4	137.8
		48.75°	147.0	145.5	143.8	141.9	139.9	139.8	140.4	140.8	140.8
		47.5°	150.1	148.9	147.6	146.0	144.4	144.2	144.0	144.0	144.1
		46.25°	151.2	150.6	149.9	149.2	148.5	148.3	147.8	147.3	147.0
		45°	151.6	151.3	150.8	150.3	149.9	149.8	149.7	149.5	149.4
		43.75°	152.6	152.3	151.9	151.5	151.3	151.1	150.9	150.7	150.5
		42.5°	153.9	153.5	153.1	152.7	152.5	152.3	152.1	151.9	151.7
		41.25°	154.6	154.1	153.7	153.4	153.6	153.4	153.2	153.0	152.7
		40°	155.0	154.1	153.2	152.7	152.9	153.2	153.4	153.7	153.7
		38.75°	155.1	154.1	153.0	152.3	152.2	152.5	152.7	153.0	153.3
		37.5°	155.0	154.3	153.6	153.4	153.5	153.4	153.0	152.4	152.8
		36.25°	155.9	155.4	154.6	154.6	155.1	155.3	155.2	154.8	154.3
		35°	157.4	157.2	156.8	156.1	155.8	156.0	156.8	157.5	156.4

REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	158.9	158.8	158.4	157.0	155.8	155.1	155.2	156.1	157.1
2.4	2.4	32.5°	160.3	159.6	158.6	157.0	155.5	154.1	152.9	154.7	156.5
4.9	4.8	31.25°	159.9	159.5	158.5	156.8	155.2	153.6	152.6	154.4	156.6
7.8	7.7	30°	158.3	158.4	157.7	156.7	155.2	153.3	152.6	153.9	155.8
10.8	10.7	28.75°	157.4	157.5	157.3	156.9	156.0	154.6	153.5	153.5	154.5
14.4	14.3	27.5°	157.1	157.0	156.7	156.5	156.3	155.9	153.9	152.9	153.1
18.1	18.0	26.25°	156.4	156.3	156.0	155.7	155.5	155.2	153.9	151.4	150.8
22.3	22.2	25°	155.4	154.6	154.1	153.9	154.2	155.5	155.1	153.5	150.4
26.8	26.6	23.75°	154.5	152.8	151.8	151.2	151.6	153.4	155.9	156.6	154.9
31.6	31.3	22.5°	153.4	151.0	149.1	148.1	148.4	149.6	151.8	154.9	159.5
36.6	36.4	21.25°	152.4	148.6	145.9	145.6	147.6	147.7	146.9	151.2	156.2
41.6	41.4	20°	152.8	150.0	146.2	146.1	148.6	149.9	149.4	149.6	153.6
46.6	46.3	18.75°	153.4	152.3	150.0	150.0	151.2	153.9	153.9	153.7	154.0
52.0	51.5	17.5°	152.3	151.7	151.7	152.4	152.7	154.2	156.1	157.3	157.4
58.0	57.4	16.25°	151.2	150.6	150.1	150.6	152.1	153.4	155.1	157.9	159.4
63.6	63.2	15°	150.1	149.4	148.2	147.8	150.7	152.5	153.3	155.5	157.8
68.2	67.8	13.75°	149.0	148.8	148.0	148.1	151.3	153.6	153.2	151.7	154.1
73.0	72.5	12.5°	149.5	148.8	148.6	149.1	152.0	155.9	153.7	150.7	149.9
78.2	77.7	11.25°	149.3	147.9	147.9	147.8	150.5	153.6	154.6	151.5	149.0
83.5	82.9	10°	146.1	146.9	147.3	147.3	149.2	152.3	154.0	153.1	151.7
89.2	88.6	8.75°	144.1	146.0	147.0	147.3	149.3	152.2	152.7	153.2	152.9
94.9	94.3	7.5°	144.2	146.0	146.5	145.7	148.2	150.5	151.5	152.0	153.6
100.0	99.5	6.25°	146.5	146.9	147.2	146.5	147.3	149.2	150.6	153.1	157.2
105.0	104.6	5°	146.6	147.1	147.4	147.1	148.9	151.4	151.2	153.8	159.6
109.5	108.9	3.75°	145.4	146.8	147.2	149.0	153.9	156.7	153.6	152.8	157.6
113.6	112.5	2.5°	146.1	149.6	149.0	149.1	153.2	154.8	151.8	150.8	153.7
118.3	116.9	1.25°	146.2	147.7	146.7	146.6	147.8	148.4	148.8	149.8	150.6
123.4	122.2	0°	142.1	142.6	143.3	144.0	142.2	140.4	144.9	149.3	147.2
125.1	125.1	-1.25°	143.6	144.3	145.5	146.4	145.9	145.2	148.4	151.5	152.0
124.0	123.1	-2.5°	140.8	141.7	142.7	143.9	144.8	145.4	147.5	149.8	151.4
125.6	122.3	-3.75°	141.2	140.4	141.1	142.3	143.6	145.1	146.4	148.0	149.7
131.4	128.7	-5°	142.7	139.8	139.6	141.0	142.0	144.3	146.3	147.4	148.7
136.8	135.4	-6.25°	145.4	141.7	139.6	141.5	142.7	144.4	146.7	147.2	148.1
140.5	139.6	-7.5°	141.7	144.2	141.9	142.7	143.6	144.9	146.2	146.8	147.5
144.3	144.2	-8.75°	137.2	139.9	141.0	142.0	143.4	144.8	145.8	146.6	147.5
146.9	146.9	-10°	135.4	136.3	139.7	141.3	142.7	144.1	145.7	146.7	147.6
149.2	149.1	-11.25°	134.8	137.8	140.7	141.9	142.0	143.5	145.0	146.5	147.7
150.4	150.7	-12.5°	136.3	139.6	142.4	141.4	141.5	142.8	144.3	145.8	147.3
151.4	152.0	-13.75°	137.3	139.0	139.8	139.6	140.5	142.3	143.5	145.0	146.5
152.6	153.2	-15°	137.3	137.6	137.8	138.9	141.2	142.8	143.4	144.1	145.6
153.6	153.7	-16.25°	137.2	137.0	138.1	140.1	142.8	143.1	142.9	143.4	144.1
153.7	154.0	-17.5°	136.9	136.8	137.9	140.2	141.5	141.6	141.6	142.0	141.6
153.5	153.9	-18.75°	136.4	136.4	136.8	138.3	139.2	139.5	140.2	140.4	139.9
153.9	154.1	-20°	135.8	135.8	136.0	136.8	137.6	138.5	139.4	139.4	139.1
155.7	155.3	-21.25°	134.9	135.1	135.3	135.8	136.7	137.6	138.5	138.4	138.2

REPORT NUMBER: P394833 (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°
157.2	156.4	-22.5°	134.0	134.3	134.5	134.8	135.7	136.1	136.5	137.0	137.0
157.4	157.4	-23.75°	133.1	133.5	133.5	133.3	133.5	134.0	134.5	135.9	138.1
158.5	159.1	-25°	131.7	131.8	131.7	131.4	131.2	132.3	134.1	136.3	138.9
158.3	161.4	-26.25°	129.7	130.0	129.9	130.1	130.5	131.9	134.0	136.4	137.8
156.6	159.3	-27.5°	127.9	128.9	129.2	129.6	130.1	131.2	132.7	134.2	135.5
154.5	156.5	-28.75°	126.5	127.9	128.4	128.8	129.0	129.1	130.4	131.9	133.2
152.0	154.5	-30°	125.0	126.7	127.2	127.4	127.5	127.5	128.1	129.3	130.6
150.6	153.6	-31.25°	123.4	125.3	126.1	125.9	125.5	125.2	125.3	126.7	127.9
154.3	154.2	-32.5°	121.3	122.3	122.5	122.4	122.4	122.5	122.8	123.3	124.2
158.6	158.1	-33.75°	118.8	118.7	118.4	118.7	118.9	119.0	118.8	118.9	120.1
160.7	161.5	-35°	116.1	115.5	115.0	115.3	115.4	115.2	114.9	114.3	115.5
158.4	162.5	-36.25°	112.6	112.3	112.0	112.0	111.8	111.4	110.7	110.0	110.7
156.9	160.1	-37.5°	108.4	108.3	108.2	108.1	107.7	107.3	106.6	105.8	106.5
156.9	157.7	-38.75°	103.1	103.5	104.0	104.2	103.7	103.2	103.1	103.5	104.2
158.1	157.1	-40°	97.4	98.0	98.4	98.6	98.7	99.0	99.7	100.7	101.2
158.9	157.9	-41.25°	91.3	91.8	92.2	92.4	93.3	92.6	92.0	91.6	91.4
157.4	158.4	-42.5°	82.6	82.0	81.1	79.9	79.7	79.8	80.1	80.6	81.2
153.9	158.5	-43.75°	68.1	67.5	66.7	65.5	65.6	67.5	69.7	71.4	72.3
152.3	156.5	-45°	56.3	57.1	57.7	58.2	59.4	61.3	62.7	63.7	64.0
152.1	155.8	-46.25°	52.0	52.6	53.2	53.7	54.3	55.4	56.2	56.7	56.9
153.8	155.8	-47.5°	47.4	47.9	48.2	48.4	48.5	49.3	49.9	50.2	50.2
155.1	155.3	-48.75°	42.2	42.6	42.8	42.9	42.8	43.3	44.1	45.1	46.2
157.6	156.0	-50°	37.5	38.0	38.4	38.7	38.8	39.7	41.0	42.3	43.7
161.2	157.3	-51.25°	34.5	34.8	35.1	35.3	35.4	36.2	37.7	39.1	40.5
159.1	155.5	-52.5°	31.2	31.4	31.5	31.6	31.7	32.3	33.8	35.3	36.6
155.4	153.0	-53.75°	26.7	27.1	27.4	27.6	27.9	28.4	29.9	30.9	31.8
150.9	150.9	-55°	21.8	21.9	22.0	21.9	21.6	21.4	22.6	23.8	25.1
145.0	149.6	-56.25°	14.6	14.7	14.6	14.4	14.0	13.5	15.0	16.8	18.9
152.2	155.1	-57.5°	8.4	8.7	8.9	9.2	9.4	9.5	11.2	13.1	14.8
153.0	155.7	-58.75°	6.0	6.3	6.5	6.8	6.9	7.1	8.2	9.6	11.0
151.4	153.4	-60°	3.7	4.0	4.3	4.6	4.9	5.1	6.0	7.4	8.8
149.8	151.0	-61.25°	2.0	2.3	2.6	2.9	3.1	3.3	4.0	5.4	6.7
149.2	150.2	-62.5°	0.6	0.9	1.3	1.6	2.0	2.3	2.9	4.3	5.6
148.8	149.9	-63.75°	0.4	0.7	1.0	1.3	1.6	1.8	2.2	3.4	4.5
148.6	149.4	-65°	0.3	0.6	0.8	1.1	1.3	1.6	1.9	3.0	4.1
148.6	149.1	-66.25°	0.3	0.6	0.8	1.0	1.3	1.5	1.7	2.8	3.8
148.5	149.1	-67.5°	0.3	0.5	0.7	1.0	1.2	1.4	1.6	2.5	3.4
148.7	149.3	-68.75°	0.3	0.5	0.7	0.9	1.1	1.2	1.4	2.2	3.0
148.1	149.8	-70°	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.9	2.7
146.8	148.2	-71.25°	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.8	2.5
144.7	146.0	-72.5°	0.2	0.4	0.5	0.7	0.9	1.0	1.2	1.6	2.2
141.8	143.3	-73.75°	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.4	2.0
139.6	141.1	-75°	0.2	0.3	0.4	0.6	0.7	0.8	1.0	1.2	1.7
139.2	139.6	-76.25°	0.1	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.5
138.4	140.0	-77.5°	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.3



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
139.0	141.1	-78.75°	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	1.1
140.0	142.1	-80°	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.9
140.5	140.5	-81.25°	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.7
138.8	138.8	-82.5°	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.5
136.9	137.0	-83.75°	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.5
134.4	135.3	-85°	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
131.8	133.0	-86.25°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3
128.9	129.8	-87.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
125.2	126.4	-88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
121.3	122.5	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	118.2										
112.2	114.0										
108.8	110.8										
106.2	107.9										
100.7	100.6										
91.7	92.4										
82.1	83.4										
72.7	73.9										
63.8	64.8										
56.9	56.9										
50.1	50.7										
47.5	48.8										
45.2	46.8										
41.8	43.0										
37.9	39.2										
32.8	33.8										
26.5	27.9										
20.8	22.4										
16.2	17.3										
12.4	13.7										
10.2	11.5										
8.2	9.5										
6.8	8.0										
5.6	6.8										
5.2	6.3										
4.9	5.9										
4.4	5.3										
3.9	4.7										
3.5	4.2										
3.2	3.8										
2.8	3.4										
2.5	3.0										
2.2	2.7										
1.9	2.4										
1.7	2.0										



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
1.4	1.7	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	1.4	88.75°	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1
0.9	1.2	87.5°	4.7	4.7	4.6	4.5	4.4	4.4	4.3	4.3	4.2
0.7	0.9	86.25°	7.6	7.6	7.5	7.3	7.2	7.1	7.1	7.0	6.9
0.6	0.8	85°	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8	9.7
0.5	0.6	83.75°	14.2	14.0	13.9	13.7	13.6	13.4	13.3	13.1	12.9
0.3	0.4	82.5°	17.9	17.7	17.6	17.4	17.2	17.1	17.0	16.9	16.7
0.2	0.2	81.25°	22.0	21.8	21.5	21.3	21.1	21.0	20.9	20.7	20.6
0.1	0.1	80°	26.3	26.0	25.8	25.5	25.2	25.2	25.1	25.0	24.8
0.0	0.0	78.75°	31.0	30.7	30.3	29.9	29.6	29.4	29.3	29.2	29.1
		77.5°	36.1	35.8	35.5	35.1	34.8	34.6	34.3	34.1	33.8
		76.25°	41.1	40.9	40.6	40.3	40.0	39.7	39.4	39.0	38.7
		75°	45.9	45.5	45.1	44.7	44.5	44.3	44.0	43.7	43.4
		73.75°	50.9	50.3	49.7	49.2	48.9	48.8	48.6	48.3	48.0
		72.5°	56.8	56.2	55.5	54.8	54.4	54.0	53.5	53.1	52.6
		71.25°	62.7	62.1	61.4	60.6	60.1	59.6	59.1	58.6	58.0
		70°	67.3	66.8	66.3	65.7	65.4	65.1	64.6	64.0	63.4
		68.75°	72.0	71.5	70.9	70.4	70.3	70.0	69.7	69.2	68.6
		67.5°	77.1	76.4	75.7	75.3	75.2	75.0	74.8	74.4	73.9
		66.25°	82.2	81.5	80.7	80.3	80.1	79.9	79.7	79.4	79.0
		65°	87.8	87.0	86.0	85.5	85.1	84.9	84.6	84.3	83.9
		63.75°	93.6	92.8	91.9	91.5	91.0	90.5	90.0	89.4	88.7
		62.5°	99.0	98.4	97.7	97.4	96.9	96.4	95.8	95.1	94.3
		61.25°	104.2	103.6	103.0	102.6	102.2	101.8	101.3	100.8	99.9
		60°	108.5	108.2	108.3	107.8	107.3	106.8	106.2	105.6	105.0
		58.75°	111.6	110.9	110.9	111.2	111.4	111.4	111.1	110.4	109.7
		57.5°	115.3	113.5	113.7	114.1	114.4	114.5	114.5	114.4	114.1
		56.25°	120.7	119.2	118.5	118.1	117.8	117.8	117.9	117.8	117.6
		55°	125.4	124.9	123.8	122.9	122.1	121.6	121.3	121.3	121.2
		53.75°	122.7	123.7	125.3	126.3	126.3	125.3	124.6	124.2	124.0
		52.5°	119.6	121.8	124.4	126.3	127.6	128.0	127.7	126.9	126.8
		51.25°	125.6	125.7	126.1	127.0	129.2	130.5	131.0	130.6	130.0
		50°	133.3	132.7	132.5	132.6	133.1	133.9	135.0	134.7	133.5
		48.75°	139.0	138.7	138.5	138.0	137.8	138.1	138.8	138.1	136.5
		47.5°	143.8	143.4	143.0	142.6	142.2	141.9	142.0	141.0	139.6
		46.25°	147.3	147.7	147.4	146.9	146.3	145.8	145.1	144.2	143.1
		45°	149.3	149.6	149.9	150.3	150.3	149.7	148.8	147.9	146.8
		43.75°	151.2	151.5	151.7	152.0	152.3	152.6	152.6	151.6	150.4
		42.5°	152.5	153.0	153.3	153.6	153.8	153.8	154.0	154.4	154.1
		41.25°	154.0	154.4	154.8	155.1	155.2	154.8	154.7	154.9	155.5
		40°	154.2	155.0	156.3	156.7	156.2	155.4	155.1	155.1	155.6
		38.75°	154.1	154.6	155.6	156.8	156.8	155.8	155.2	155.1	155.3
		37.5°	154.1	154.1	154.5	155.9	156.6	156.1	155.0	154.7	154.7
		36.25°	154.5	154.7	154.6	156.0	157.4	157.5	156.4	153.9	153.8
		35°	155.2	155.5	156.3	157.7	159.0	159.9	159.3	157.2	154.1



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	156.0	156.1	157.9	159.5	160.8	162.1	163.2	161.5	159.1
2.1	2.1	32.5°	156.5	157.0	158.5	160.6	162.7	164.0	165.1	165.5	163.3
4.2	4.1	31.25°	158.7	158.2	158.8	160.7	163.0	165.8	167.0	166.6	166.1
6.8	6.6	30°	161.3	160.4	160.1	160.4	162.6	165.3	167.6	167.7	167.2
9.6	9.4	28.75°	161.1	162.1	161.5	161.5	162.1	164.4	166.6	168.3	168.3
12.7	12.5	27.5°	158.5	160.4	162.3	162.2	162.7	164.0	166.1	167.9	169.1
16.5	16.3	26.25°	155.9	158.0	160.0	162.0	163.3	164.6	166.1	167.9	169.2
20.4	20.2	25°	155.4	156.0	157.8	160.5	163.3	164.9	166.4	168.3	169.7
24.6	24.4	23.75°	156.1	157.0	157.2	159.7	162.5	164.8	166.5	168.4	170.5
28.9	28.7	22.5°	158.2	158.8	159.0	159.8	162.2	164.5	166.4	168.3	169.3
33.5	33.2	21.25°	161.3	160.5	160.4	161.2	162.5	164.7	166.5	167.4	168.3
38.3	37.9	20°	163.0	162.1	161.5	162.0	163.4	165.2	166.4	167.1	167.6
43.0	42.6	18.75°	162.8	163.3	162.7	162.5	163.8	165.3	166.7	167.3	167.3
47.6	47.2	17.5°	160.5	163.3	163.6	163.3	163.5	165.1	167.1	167.9	167.7
52.2	51.8	16.25°	158.4	161.3	163.7	163.3	163.4	164.7	166.8	168.9	168.5
57.4	56.8	15°	157.2	159.9	162.1	162.9	163.2	164.0	166.4	169.1	169.4
62.7	61.9	13.75°	158.5	159.8	161.6	162.2	162.7	163.7	165.6	168.2	170.1
67.9	67.1	12.5°	159.3	160.7	162.2	162.2	161.8	163.3	164.7	167.3	170.0
73.3	72.6	11.25°	159.2	161.1	163.8	162.8	162.2	163.2	164.4	166.5	169.3
78.6	78.1	10°	158.4	160.5	162.5	162.9	162.7	163.3	164.4	165.7	168.6
83.4	82.9	8.75°	157.5	159.3	161.1	162.4	162.8	163.6	164.5	165.1	167.9
88.2	87.5	7.5°	156.9	158.3	159.9	161.4	162.5	163.9	164.5	165.1	167.0
93.5	92.5	6.25°	156.5	157.8	159.1	160.6	162.0	163.4	164.3	165.0	166.4
99.1	97.8	5°	155.6	157.0	158.6	160.1	161.6	162.9	164.1	164.9	166.1
104.3	103.1	3.75°	153.7	155.9	158.2	159.8	161.3	162.6	163.8	164.8	165.9
108.8	107.6	2.5°	151.6	154.7	157.9	159.5	161.0	162.3	163.4	164.5	165.8
113.3	112.0	1.25°	151.5	154.5	157.2	158.9	160.6	160.6	160.6	163.1	165.7
116.9	116.0	0°	154.2	155.2	156.2	158.2	160.2	159.1	157.9	161.8	165.7
120.3	119.4	-1.25°	158.1	157.0	156.3	158.9	161.5	160.9	160.5	165.9	171.0
123.5	122.7	-2.5°	158.1	157.2	156.4	159.4	162.3	162.8	163.4	170.3	176.1
126.5	126.0	-3.75°	155.3	155.8	156.3	158.2	160.2	160.9	162.8	169.8	175.2
129.7	129.4	-5°	153.0	154.9	155.9	156.9	158.1	159.2	161.8	168.0	171.7
132.7	132.6	-6.25°	152.0	154.3	155.1	155.2	156.2	157.5	160.8	166.2	168.2
135.3	134.6	-7.5°	151.3	153.2	153.8	154.0	154.9	156.0	159.6	164.2	164.9
137.8	136.3	-8.75°	150.4	151.8	152.9	153.6	154.7	155.8	158.5	162.1	161.8
141.5	139.4	-10°	149.3	150.8	152.4	153.5	154.6	155.5	157.1	159.1	159.2
145.4	143.5	-11.25°	149.7	150.9	152.4	153.4	154.5	154.3	154.9	156.2	157.0
149.2	147.9	-12.5°	150.2	151.3	152.1	153.0	153.6	152.2	151.9	153.9	155.2
152.8	151.4	-13.75°	150.5	151.3	151.2	151.8	151.6	149.9	149.7	152.1	154.2
156.5	155.0	-15°	150.3	150.1	149.7	150.3	150.6	149.6	150.2	151.2	154.0
156.3	157.5	-16.25°	147.4	147.8	147.6	149.9	150.8	150.9	151.3	152.3	154.4
156.0	157.2	-17.5°	144.6	145.2	147.9	150.9	151.9	151.9	152.2	153.2	155.0
155.3	157.1	-18.75°	142.4	144.8	148.2	151.6	152.8	152.7	152.9	153.5	155.0
155.3	157.4	-20°	141.9	145.1	148.5	150.2	151.7	153.2	152.8	153.3	153.6
155.7	157.9	-21.25°	142.4	145.5	147.1	148.2	149.7	150.8	152.2	152.2	151.7



REPORT NUMBER: P394833 (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°
157.7	158.8	-22.5°	143.3	144.0	144.7	145.8	146.6	147.6	149.1	149.9	149.4
161.6	160.8	-23.75°	142.2	141.8	141.9	142.3	142.8	143.9	145.5	146.5	147.0
164.6	163.7	-25°	140.3	139.9	138.4	137.9	138.6	140.6	142.4	143.5	145.9
166.5	165.7	-26.25°	138.5	137.3	135.6	133.3	135.6	138.1	139.9	142.0	144.6
167.7	166.9	-27.5°	136.2	134.9	133.1	132.9	133.7	136.2	138.2	140.4	143.1
168.8	168.0	-28.75°	134.3	133.1	132.6	132.7	133.3	134.3	136.3	138.6	139.5
169.9	169.2	-30°	132.8	132.0	131.8	132.0	132.0	132.4	134.2	135.1	135.4
170.3	170.4	-31.25°	130.9	130.5	130.2	130.1	130.3	130.9	130.5	131.1	131.4
170.3	170.7	-32.5°	127.7	128.1	127.9	128.0	128.1	127.7	127.2	127.1	127.4
169.8	170.3	-33.75°	123.8	125.2	125.2	125.1	124.8	124.4	124.0	123.2	123.2
169.0	169.6	-35°	119.7	121.2	121.8	121.6	121.4	121.0	120.3	119.6	118.9
168.2	168.5	-36.25°	115.8	117.2	118.2	118.1	117.7	117.2	116.5	115.9	116.0
167.7	167.8	-37.5°	112.4	113.6	114.1	114.2	113.7	113.3	112.8	112.7	113.1
167.4	167.4	-38.75°	108.0	108.2	108.9	110.1	109.8	109.0	108.8	109.0	109.7
167.7	167.9	-40°	101.0	101.8	103.2	104.4	104.5	104.2	104.3	104.2	104.2
168.8	168.5	-41.25°	93.4	94.5	95.8	97.4	98.8	98.6	97.4	97.2	97.9
169.6	169.4	-42.5°	84.7	86.3	88.0	89.8	90.0	89.2	88.8	89.4	90.9
170.3	170.2	-43.75°	75.7	77.6	78.9	79.5	79.4	78.9	79.9	82.0	84.0
170.8	170.9	-45°	66.9	68.4	69.3	69.5	69.7	70.6	72.9	75.1	77.2
171.1	171.4	-46.25°	58.5	59.6	61.3	63.1	64.2	64.7	66.0	68.4	70.4
170.5	170.9	-47.5°	53.1	55.4	57.2	58.4	59.1	59.4	60.2	62.6	64.1
169.4	170.3	-48.75°	50.6	52.3	53.5	54.3	55.0	55.5	56.0	57.4	58.6
168.5	169.7	-50°	47.9	48.9	49.7	50.5	51.1	51.7	52.1	53.0	54.4
167.8	169.0	-51.25°	44.1	45.1	45.9	46.7	47.1	47.7	48.3	49.0	50.2
167.2	168.4	-52.5°	40.3	40.9	41.5	42.1	42.8	43.5	44.3	45.1	46.4
166.6	167.4	-53.75°	34.9	35.9	36.7	37.5	38.3	39.2	40.2	41.3	42.6
165.9	166.1	-55°	29.4	30.6	31.5	32.4	33.5	34.6	35.8	37.2	38.3
165.3	164.8	-56.25°	23.7	24.7	25.9	27.1	28.4	29.9	31.1	31.9	32.2
168.7	166.6	-57.5°	18.2	18.8	20.7	22.6	24.1	25.3	26.1	26.5	26.5
171.9	168.5	-58.75°	15.1	16.3	17.8	19.2	20.3	21.0	21.6	22.6	23.4
171.6	168.9	-60°	12.7	13.9	15.1	16.2	17.3	18.4	19.3	20.2	21.1
168.7	167.4	-61.25°	10.8	11.9	13.0	14.1	15.2	16.2	17.1	18.0	19.0
166.0	165.9	-62.5°	9.1	10.1	11.0	12.1	13.3	14.5	15.5	16.5	17.4
163.3	164.5	-63.75°	7.9	9.0	10.1	11.2	12.3	13.3	14.3	15.1	15.8
160.8	163.1	-65°	7.4	8.4	9.4	10.4	11.4	12.2	13.1	13.8	14.5
159.2	161.8	-66.25°	6.9	7.8	8.7	9.5	10.4	11.1	11.9	12.6	13.2
158.4	161.2	-67.5°	6.1	7.0	7.8	8.6	9.3	10.1	10.8	11.5	12.1
157.8	160.7	-68.75°	5.5	6.3	7.0	7.7	8.5	9.2	9.8	10.5	11.1
157.5	160.5	-70°	5.0	5.7	6.3	7.0	7.7	8.3	8.9	9.5	10.1
157.3	159.5	-71.25°	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.7	9.3
157.4	158.4	-72.5°	4.0	4.6	5.1	5.6	6.2	6.8	7.3	7.9	8.4
156.6	157.1	-73.75°	3.5	4.0	4.5	5.0	5.5	6.1	6.6	7.1	7.6
155.2	155.6	-75°	3.2	3.6	4.1	4.5	5.0	5.5	6.0	6.4	6.8
153.5	153.8	-76.25°	2.8	3.2	3.6	4.0	4.4	4.9	5.3	5.7	6.0
151.5	152.0	-77.5°	2.4	2.8	3.1	3.4	3.8	4.2	4.5	4.9	5.2

REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
149.8	150.8	-78.75°	2.0	2.3	2.6	2.8	3.1	3.5	3.8	4.1	4.4
148.9	150.1	-80°	1.7	1.9	2.2	2.4	2.7	3.0	3.2	3.5	3.7
148.7	149.5	-81.25°	1.4	1.6	1.9	2.1	2.3	2.5	2.7	2.9	3.0
147.6	147.1	-82.5°	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.3	2.5
143.6	143.2	-83.75°	0.9	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9
139.4	139.2	-85°	0.7	0.8	0.9	1.0	1.1	1.2	1.2	1.3	1.4
135.4	135.4	-86.25°	0.5	0.5	0.6	0.6	0.7	0.8	0.8	0.9	0.9
131.5	131.7	-87.5°	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
127.6	127.8	-88.75°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3
123.5	124.2	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	121.1										
116.9	118.0										
114.0	114.7										
110.1	111.2										
105.2	107.3										
99.5	101.0										
92.7	94.3										
85.9	87.6										
78.8	79.4										
71.5	71.7										
64.8	65.2										
59.8	60.7										
55.5	56.4										
51.4	52.7										
47.8	49.2										
44.1	45.6										
39.1	40.1										
33.3	34.6										
27.7	30.1										
24.6	26.8										
21.8	23.7										
19.9	21.5										
18.1	19.4										
16.5	17.5										
15.2	15.9										
13.9	14.5										
12.7	13.3										
11.7	12.2										
10.7	11.2										
9.8	10.3										
8.9	9.4										
8.1	8.5										
7.3	7.6										
6.4	6.7										
5.5	5.8										



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
4.7	5.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	4.1	88.75°	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7
3.2	3.4	87.5°	4.1	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4
2.6	2.7	86.25°	6.5	6.4	6.3	6.1	6.0	5.8	5.7	5.5	5.3
2.0	2.1	85°	9.3	9.1	9.0	8.8	8.7	8.5	8.3	8.2	8.0
1.5	1.6	83.75°	12.2	12.0	11.7	11.5	11.4	11.2	11.0	10.8	10.6
1.0	1.0	82.5°	16.1	15.8	15.6	15.3	15.1	14.8	14.4	14.1	13.7
0.6	0.6	81.25°	20.0	19.7	19.5	19.2	18.9	18.6	18.2	17.8	17.4
0.3	0.3	80°	24.2	23.9	23.5	23.2	22.8	22.4	22.0	21.6	21.2
0.0	0.0	78.75°	28.5	28.1	27.8	27.3	26.9	26.5	26.0	25.5	25.0
		77.5°	32.9	32.5	32.0	31.5	31.0	30.5	30.0	29.4	28.8
		76.25°	37.5	37.0	36.5	36.0	35.4	34.8	34.1	33.3	32.6
		75°	42.1	41.6	41.1	40.5	39.9	39.3	38.5	37.8	37.0
		73.75°	46.7	46.2	45.7	45.1	44.5	43.8	43.0	42.2	41.4
		72.5°	51.3	50.8	50.2	49.6	48.9	48.2	47.4	46.6	45.8
		71.25°	56.1	55.4	54.7	54.1	53.3	52.6	51.8	50.9	50.1
		70°	61.2	60.4	59.6	58.8	57.9	57.0	56.1	55.2	54.4
		68.75°	66.2	65.3	64.4	63.5	62.5	61.6	60.5	59.5	58.9
		67.5°	71.6	70.6	69.5	68.3	67.2	66.1	65.0	63.8	63.4
		66.25°	77.0	75.9	74.8	73.5	72.2	70.9	69.5	68.2	68.0
		65°	82.0	81.1	80.0	78.7	77.3	75.9	74.4	73.1	72.6
		63.75°	86.7	85.8	84.7	83.6	82.4	80.9	79.3	78.1	77.3
		62.5°	91.4	90.4	89.4	88.2	87.0	85.6	84.1	83.0	82.0
		61.25°	96.5	95.3	94.1	92.9	91.6	90.2	88.7	87.9	86.7
		60°	101.6	100.1	98.7	97.3	96.0	94.8	93.6	93.0	92.0
		58.75°	106.2	104.8	103.2	101.7	100.2	98.8	98.2	98.3	97.5
		57.5°	110.7	109.2	107.6	106.0	104.3	102.7	102.3	102.2	102.3
		56.25°	115.1	113.6	112.0	110.3	108.5	106.8	106.3	106.0	105.8
		55°	118.4	117.4	116.3	114.6	112.8	111.5	110.7	109.7	109.3
		53.75°	121.7	120.6	119.5	118.3	117.1	116.3	115.5	114.4	113.2
		52.5°	125.0	123.8	122.7	121.4	120.6	120.8	120.4	119.3	118.0
		51.25°	128.7	127.6	126.1	124.5	124.3	124.5	124.5	124.2	122.9
		50°	132.5	131.5	130.2	128.5	128.1	128.2	128.2	128.0	127.6
		48.75°	134.5	135.0	134.5	133.2	132.4	132.1	132.1	131.9	131.4
		47.5°	135.7	135.8	136.6	137.5	136.4	135.8	135.7	135.8	135.3
		46.25°	136.9	136.2	137.1	138.7	139.7	139.2	138.8	138.8	139.3
		45°	141.1	138.2	138.0	139.8	141.1	141.8	141.6	141.4	141.7
		43.75°	145.6	143.2	142.0	141.3	142.7	143.6	143.9	143.7	143.8
		42.5°	149.9	148.3	146.8	145.7	145.0	145.8	146.2	145.9	145.6
		41.25°	153.5	152.3	151.2	149.8	148.9	148.5	148.7	148.6	147.7
		40°	157.0	155.6	154.5	153.6	152.4	151.8	151.7	151.6	150.4
		38.75°	158.6	158.6	157.3	156.3	155.7	154.8	154.5	154.3	153.2
		37.5°	158.7	159.7	159.9	158.8	158.0	157.5	156.8	156.1	156.2
		36.25°	159.1	160.3	161.0	161.0	160.1	159.5	158.2	157.3	157.4
		35°	159.8	161.1	161.9	162.2	161.9	160.9	159.4	158.0	158.1

REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	160.7	162.1	163.1	163.5	163.3	162.4	160.9	158.9	158.2
1.7	1.6	32.5°	161.9	163.4	164.5	164.9	164.1	163.8	162.5	160.5	158.0
3.3	3.3	31.25°	163.8	165.0	166.0	165.5	164.8	164.4	164.4	162.2	159.7
5.1	5.0	30°	165.7	166.7	166.8	165.9	165.1	164.7	164.7	164.2	161.5
7.8	7.6	28.75°	166.8	167.4	167.1	166.2	165.4	164.8	164.9	165.4	163.5
10.4	10.2	27.5°	167.3	167.6	167.2	166.3	165.5	164.9	164.8	165.4	165.7
13.4	13.0	26.25°	168.6	168.3	167.8	166.7	165.7	165.0	164.5	165.1	166.2
17.0	16.7	25°	169.8	169.4	168.9	167.6	165.7	165.0	164.5	164.9	166.0
20.7	20.3	23.75°	170.9	170.5	170.2	168.8	166.7	165.0	164.7	165.3	166.2
24.5	24.0	22.5°	171.4	171.4	171.2	170.4	168.0	165.3	165.5	166.1	166.7
28.3	27.7	21.25°	170.9	172.2	172.0	171.9	169.5	166.9	166.0	166.7	167.6
32.1	31.5	20°	170.0	172.0	172.7	172.0	170.5	168.1	166.4	167.2	168.4
36.2	35.5	18.75°	168.8	171.1	172.8	172.0	171.1	169.0	167.4	167.6	168.9
40.6	39.9	17.5°	167.7	170.1	172.3	172.2	171.1	169.6	168.2	167.8	169.3
45.1	44.3	16.25°	168.0	169.4	171.5	172.4	171.2	169.7	168.6	168.0	169.5
49.5	48.7	15°	168.6	168.8	170.8	172.6	171.3	169.8	168.9	168.5	169.7
53.9	53.2	13.75°	169.2	168.9	170.4	172.1	171.6	169.9	168.8	168.8	169.3
58.4	57.8	12.5°	170.0	169.6	170.1	171.6	171.9	170.2	169.2	169.0	168.9
63.0	62.4	11.25°	170.9	170.3	170.0	171.2	171.9	170.6	169.8	169.4	168.8
67.6	67.0	10°	171.6	170.7	170.2	170.9	171.3	170.7	170.4	169.8	169.0
72.3	71.7	8.75°	171.1	170.8	170.6	170.8	170.8	170.6	170.8	170.4	169.3
76.7	76.2	7.5°	170.6	170.7	170.9	170.9	170.5	170.3	171.0	171.0	169.6
81.1	80.3	6.25°	170.0	170.4	171.0	171.2	170.3	169.8	171.1	171.6	170.0
85.3	84.3	5°	169.4	170.0	171.0	171.6	170.2	169.2	171.0	172.3	170.4
90.6	88.7	3.75°	168.9	169.5	171.0	171.9	170.1	168.9	170.8	172.0	169.7
96.2	94.4	2.5°	168.3	169.3	169.9	170.1	169.6	169.3	170.4	171.3	168.7
101.9	100.3	1.25°	167.7	169.4	168.8	168.2	168.9	169.8	170.2	170.5	167.7
105.8	105.9	0°	167.2	169.5	167.9	166.2	168.3	170.3	170.0	169.7	166.6
109.1	109.0	-1.25°	169.2	171.8	170.9	169.8	169.9	170.1	170.0	169.9	167.1
112.3	112.0	-2.5°	171.4	174.1	173.9	173.4	171.4	169.8	170.0	170.0	167.5
116.5	114.9	-3.75°	172.5	175.7	176.7	176.6	172.7	169.6	170.0	170.1	167.9
121.3	119.5	-5°	170.8	173.7	174.8	174.9	171.7	169.1	169.7	169.8	168.1
126.3	124.4	-6.25°	169.2	171.7	173.0	172.9	170.2	168.3	168.8	168.7	167.2
130.8	129.3	-7.5°	167.6	169.8	171.3	170.9	168.7	167.6	167.9	167.6	166.2
134.6	133.7	-8.75°	166.1	168.0	169.6	169.0	167.3	166.7	167.0	166.5	165.2
138.5	137.0	-10°	164.5	166.3	168.0	167.3	166.0	165.9	166.1	165.4	164.3
142.5	139.9	-11.25°	163.5	164.9	166.1	165.7	165.0	165.0	165.1	164.3	163.4
144.0	142.7	-12.5°	162.5	163.8	164.4	164.1	164.0	164.0	163.9	163.2	162.0
145.2	144.1	-13.75°	161.5	162.7	162.5	162.1	162.3	162.6	162.7	162.2	159.9
146.7	145.6	-15°	160.4	161.2	160.5	160.0	160.5	161.0	160.7	160.5	157.3
148.8	147.4	-16.25°	159.2	159.1	158.4	158.2	158.9	159.3	158.6	158.3	154.4
151.6	149.6	-17.5°	157.8	156.9	156.1	156.5	157.3	157.1	156.4	155.2	151.9
154.5	152.5	-18.75°	155.5	154.4	154.0	154.9	155.7	154.8	153.9	152.4	149.7
157.6	155.5	-20°	153.6	152.6	152.3	153.4	153.5	152.2	151.2	150.1	147.9
159.1	158.6	-21.25°	152.1	151.5	151.4	151.9	150.7	149.4	148.9	148.2	146.6

REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
159.3	161.2	-22.5°	151.1	150.4	150.1	149.7	147.9	146.3	147.1	146.9	144.9
159.0	161.0	-23.75°	149.8	148.8	148.4	147.0	145.4	144.8	146.0	146.0	142.4
158.2	160.4	-25°	147.8	146.8	145.8	144.4	142.9	143.6	144.8	142.9	139.0
158.5	159.4	-26.25°	145.4	144.2	143.1	141.8	141.4	142.0	142.7	139.0	134.7
160.3	158.1	-27.5°	142.4	141.5	140.5	139.5	139.7	140.2	138.6	135.1	131.9
162.4	159.3	-28.75°	139.1	138.8	137.9	137.5	137.6	137.3	134.8	131.6	131.7
164.4	161.4	-30°	135.6	135.8	135.4	135.1	135.2	133.7	131.4	129.8	131.1
166.0	163.1	-31.25°	131.9	132.3	132.5	132.4	131.9	130.5	128.4	128.8	130.1
166.4	164.6	-32.5°	128.4	128.9	129.2	129.5	129.0	127.7	127.0	127.4	128.6
166.7	165.7	-33.75°	125.1	125.7	126.1	126.4	126.5	125.5	125.1	125.6	125.6
167.3	166.5	-35°	121.9	122.5	122.9	123.3	123.6	123.1	122.8	122.8	122.3
168.2	167.0	-36.25°	118.7	119.2	119.7	120.0	119.8	120.0	119.8	119.4	119.0
169.3	167.8	-37.5°	115.3	115.9	116.2	115.8	115.8	116.1	116.3	115.9	115.6
170.7	168.9	-38.75°	111.9	112.0	111.6	111.4	111.5	111.3	112.0	112.4	111.7
171.4	170.1	-40°	107.5	106.9	106.7	106.6	105.9	106.1	107.0	108.2	107.6
171.3	170.5	-41.25°	101.9	101.6	101.2	100.1	99.8	100.2	101.6	102.9	103.4
170.7	170.8	-42.5°	95.7	95.0	93.7	93.0	93.1	94.6	96.1	97.6	98.7
170.2	171.1	-43.75°	87.5	86.4	85.5	85.4	87.3	89.1	90.8	92.3	93.4
169.7	170.7	-45°	78.9	77.5	77.7	79.8	81.8	83.7	85.6	87.3	88.4
169.4	170.2	-46.25°	70.9	71.1	72.1	74.3	76.3	78.8	80.9	82.5	83.5
169.1	169.8	-47.5°	65.9	66.5	66.7	68.9	71.9	74.4	76.4	77.8	77.9
169.0	169.4	-48.75°	61.4	61.9	62.9	65.1	67.9	70.3	71.9	72.5	72.5
168.9	169.1	-50°	57.3	58.6	60.0	61.5	64.2	65.9	66.9	67.4	67.4
168.8	168.6	-51.25°	54.1	55.5	57.0	58.4	59.9	61.2	62.1	62.6	62.7
167.5	167.2	-52.5°	50.8	52.2	53.2	54.3	55.6	56.9	57.5	57.8	58.1
166.1	165.8	-53.75°	46.5	47.5	48.7	50.1	51.6	52.2	52.7	53.1	53.5
164.8	164.4	-55°	41.3	42.6	44.1	45.5	46.6	47.3	47.9	48.4	49.7
163.5	163.1	-56.25°	36.0	38.0	39.6	40.9	41.8	42.3	43.6	45.0	46.5
164.3	163.7	-57.5°	32.2	34.0	35.4	36.5	37.5	38.7	40.2	41.7	43.2
165.1	164.3	-58.75°	28.6	30.2	31.7	33.1	34.4	35.5	36.8	38.4	40.2
165.8	164.9	-60°	25.6	27.4	28.9	30.2	31.4	32.4	33.9	35.8	37.6
166.5	165.5	-61.25°	23.2	24.8	26.2	27.5	29.0	30.3	31.6	33.4	35.0
165.6	164.3	-62.5°	21.0	22.6	24.1	25.6	27.0	28.3	29.6	31.1	32.5
164.5	162.7	-63.75°	19.2	20.8	22.3	23.7	25.1	26.3	27.3	28.6	30.0
163.2	160.8	-65°	17.5	19.0	20.5	21.8	23.0	24.1	25.1	26.1	27.5
161.6	158.7	-66.25°	15.9	17.4	18.7	19.9	21.0	22.0	22.9	23.8	25.3
159.7	156.3	-67.5°	14.5	15.8	17.0	18.1	19.2	20.2	21.2	22.1	23.3
157.6	153.9	-68.75°	13.1	14.3	15.5	16.7	17.7	18.7	19.6	20.4	21.4
155.0	152.6	-70°	12.0	13.1	14.3	15.3	16.3	17.2	18.0	18.8	19.6
152.1	151.6	-71.25°	10.9	12.0	13.0	14.0	14.9	15.7	16.5	17.2	17.9
149.5	151.0	-72.5°	9.9	10.9	11.8	12.7	13.5	14.2	14.9	15.6	16.2
148.1	150.6	-73.75°	8.9	9.8	10.6	11.4	12.1	12.8	13.4	14.0	14.5
147.9	149.6	-75°	8.0	8.7	9.4	10.1	10.8	11.4	11.9	12.4	12.8
147.1	148.1	-76.25°	7.1	7.6	8.3	8.9	9.4	9.9	10.4	10.8	11.2
145.6	145.9	-77.5°	6.1	6.6	7.1	7.7	8.2	8.6	9.1	9.5	9.8



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
143.3	143.7	-78.75°	5.2	5.6	6.1	6.5	7.0	7.4	7.8	8.2	8.5
140.3	141.7	-80°	4.3	4.6	5.0	5.4	5.8	6.2	6.5	6.9	7.2
137.2	140.1	-81.25°	3.5	3.7	4.1	4.5	4.8	5.2	5.5	5.7	6.0
135.7	138.7	-82.5°	2.9	3.0	3.3	3.6	3.9	4.2	4.4	4.6	4.8
134.5	137.7	-83.75°	2.2	2.3	2.6	2.8	3.0	3.2	3.4	3.6	3.7
133.9	136.2	-85°	1.6	1.7	1.9	2.1	2.2	2.4	2.5	2.7	2.8
133.2	133.5	-86.25°	1.1	1.1	1.2	1.4	1.5	1.6	1.7	1.7	1.8
131.2	130.6	-87.5°	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.1
128.2	127.7	-88.75°	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6
125.1	124.7	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	121.3										
118.6	117.7										
114.8	114.0										
110.9	110.3										
107.0	106.2										
102.8	102.0										
98.3	97.7										
93.7	93.2										
88.9	87.7										
83.1	82.1										
77.5	76.6										
72.1	71.7										
67.3	67.3										
62.8	62.9										
58.3	58.7										
54.3	55.5										
51.0	52.3										
47.8	49.2										
44.7	46.1										
41.8	43.2										
39.1	40.3										
36.4	37.7										
33.9	35.1										
31.3	32.6										
28.9	30.1										
26.6	27.6										
24.4	25.3										
22.4	23.3										
20.6	21.5										
18.8	19.7										
17.0	17.8										
15.2	15.8										
13.3	13.8										
11.7	12.2										
10.2	10.7										



REPORT NUMBER: P394833 (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°
8.8	9.2	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	7.8	88.75°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3
6.2	6.5	87.5°	3.2	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.6
5.0	5.1	86.25°	4.8	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.9
3.9	4.0	85°	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.8	5.5
2.9	3.0	83.75°	10.0	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8
1.9	1.9	82.5°	12.7	12.3	12.1	11.8	11.5	11.2	10.8	10.5	10.2
1.2	1.2	81.25°	16.3	15.8	15.4	14.9	14.4	13.8	13.3	12.9	12.5
0.6	0.6	80°	19.9	19.4	18.9	18.3	17.8	17.2	16.5	15.9	15.2
0.0	0.0	78.75°	23.5	22.9	22.4	21.8	21.1	20.5	19.8	19.0	18.3
		77.5°	27.2	26.6	25.9	25.3	24.5	23.8	23.0	22.2	21.3
		76.25°	30.9	30.3	29.6	28.8	28.1	27.2	26.3	25.4	24.4
		75°	34.7	33.9	33.2	32.4	31.6	30.7	29.7	28.6	27.6
		73.75°	39.0	38.1	37.1	36.0	35.1	34.1	33.0	31.9	30.7
		72.5°	43.4	42.4	41.4	40.3	39.1	37.8	36.4	35.2	33.9
		71.25°	47.8	46.7	45.7	44.5	43.2	41.9	40.3	38.7	37.1
		70°	52.3	51.3	50.1	48.7	47.4	45.9	44.2	42.5	40.7
		68.75°	57.0	56.0	54.8	53.4	51.8	49.9	48.1	46.2	44.3
		67.5°	61.7	60.7	59.5	58.2	56.6	54.4	52.1	50.0	48.0
		66.25°	66.3	65.4	64.3	63.0	61.4	59.0	56.6	54.1	51.5
		65°	71.0	70.1	69.0	67.8	66.1	63.6	61.0	58.3	55.7
		63.75°	75.8	74.9	73.8	72.5	70.6	68.0	65.4	62.6	59.8
		62.5°	79.7	79.3	78.6	77.3	74.9	72.1	69.5	66.8	63.8
		61.25°	83.5	82.8	82.3	82.0	79.1	76.2	73.3	70.5	67.9
		60°	87.1	86.2	85.5	84.8	82.8	80.1	77.0	74.0	71.2
		58.75°	92.2	89.6	88.6	87.4	85.5	83.3	80.6	77.5	74.5
		57.5°	98.1	95.6	92.5	90.2	88.3	86.2	83.7	80.8	77.6
		56.25°	104.2	101.7	98.6	94.4	91.2	89.0	86.6	83.8	80.7
		55°	109.1	108.0	104.3	99.8	95.5	92.0	89.6	86.8	83.7
		53.75°	112.0	112.1	109.9	105.0	100.5	96.2	92.6	89.8	86.7
		52.5°	114.7	114.4	112.6	110.0	105.2	100.7	96.5	92.9	89.7
		51.25°	117.4	116.4	114.6	112.5	109.8	105.0	100.5	96.4	92.8
		50°	122.2	118.6	116.6	114.5	112.2	109.1	104.4	100.1	96.1
		48.75°	126.5	122.7	118.9	116.7	114.3	111.7	108.1	103.5	99.4
		47.5°	130.7	126.7	122.8	118.9	116.5	113.8	110.9	106.9	102.5
		46.25°	134.1	130.6	126.5	122.5	118.7	116.0	113.1	109.8	105.6
		45°	136.9	133.9	130.2	126.0	121.9	118.3	115.3	112.0	108.8
		43.75°	139.6	136.5	133.4	129.4	125.2	121.0	117.5	114.3	111.4
		42.5°	142.1	139.0	135.8	132.8	128.4	124.1	119.8	116.8	113.8
		41.25°	143.9	141.4	138.2	135.0	131.5	127.1	122.8	119.3	116.3
		40°	145.7	143.4	140.4	137.2	134.0	130.0	126.0	122.0	118.7
		38.75°	147.8	145.5	142.5	139.2	136.0	133.1	129.1	125.0	121.1
		37.5°	150.1	147.7	144.7	141.2	137.9	135.4	132.2	128.0	123.7
		36.25°	153.0	150.2	147.1	143.4	140.2	137.7	135.1	130.9	126.5
		35°	156.0	153.0	149.7	146.0	142.5	139.9	137.3	133.8	129.2

REPORT NUMBER: P394833 (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°	159.1	156.0	152.5	148.6	145.1	142.1	139.4	136.6	132.0
1.3	1.2	32.5°	162.3	159.0	155.1	151.1	147.5	144.2	141.4	138.6	134.7
2.5	2.5	31.25°	163.5	161.7	157.5	153.5	149.8	146.4	143.4	140.5	137.3
3.8	3.7	30°	162.5	164.1	159.9	155.7	151.9	148.5	145.4	142.4	139.5
5.2	4.9	28.75°	161.4	164.3	162.1	157.8	153.8	150.4	147.3	144.3	141.2
7.5	7.2	27.5°	160.6	163.3	164.2	159.9	155.7	152.2	149.1	146.1	143.0
9.8	9.4	26.25°	159.9	162.7	164.9	161.8	157.6	153.8	150.8	147.9	144.7
12.1	11.6	25°	160.8	162.2	164.4	163.7	159.4	155.3	152.2	149.5	146.4
14.5	13.8	23.75°	162.3	162.0	164.0	165.4	161.1	156.9	153.6	150.9	147.6
17.5	16.7	22.5°	163.6	162.0	163.8	165.3	162.7	158.4	154.8	151.8	148.6
20.5	19.6	21.25°	164.7	163.2	163.8	165.2	164.1	159.8	155.6	152.5	149.5
23.4	22.4	20°	165.4	164.2	164.1	165.2	165.1	160.4	156.4	153.2	150.2
26.4	25.3	18.75°	166.0	165.0	164.4	164.9	164.3	160.6	157.0	153.9	150.8
29.5	28.3	17.5°	166.5	165.5	165.0	164.8	163.5	160.5	157.3	154.5	151.4
32.6	31.3	16.25°	167.0	165.6	165.4	165.0	163.1	160.2	157.4	155.0	151.9
35.7	34.3	15°	167.4	165.5	165.6	165.5	162.9	159.6	157.3	155.5	152.4
39.0	37.3	13.75°	167.7	165.1	165.7	166.5	163.1	158.8	156.9	155.6	152.8
42.4	40.5	12.5°	168.0	164.9	165.6	166.9	163.4	158.5	156.3	155.5	153.2
45.9	43.9	11.25°	168.2	165.1	165.4	167.0	164.0	158.3	155.5	155.3	153.5
49.4	47.2	10°	168.4	165.2	165.0	167.1	164.8	158.2	154.6	154.9	153.8
52.9	50.5	8.75°	168.5	165.3	164.6	167.0	165.7	158.3	153.6	154.4	154.1
56.9	54.0	7.5°	168.5	165.3	164.1	167.0	166.7	158.4	152.4	153.8	154.3
60.8	57.8	6.25°	168.4	165.3	163.5	166.8	167.5	159.1	153.0	154.3	154.5
64.7	61.5	5°	168.0	165.5	164.0	166.5	167.3	160.1	154.3	154.8	154.8
68.5	65.2	3.75°	166.9	165.7	165.0	166.4	166.8	160.9	155.7	155.5	154.9
71.6	68.9	2.5°	165.5	165.8	166.2	166.3	166.1	161.5	157.2	156.2	155.1
74.6	71.7	1.25°	164.1	165.7	167.4	166.4	165.3	161.9	158.7	157.0	155.2
77.5	74.4	0°	162.6	165.7	168.7	166.5	164.3	162.2	160.2	157.7	155.2
80.3	77.1	-1.25°	163.1	165.2	167.4	165.8	164.0	161.6	159.2	156.7	154.2
83.2	79.7	-2.5°	163.7	164.8	166.1	165.0	163.7	160.9	158.2	155.7	153.3
86.2	82.7	-3.75°	164.1	164.4	164.8	164.2	163.4	160.2	157.1	154.7	152.3
89.3	85.9	-5°	164.5	163.9	163.6	163.5	162.9	159.3	156.0	153.6	151.2
92.4	89.0	-6.25°	163.5	163.0	162.5	162.9	162.3	158.4	154.9	152.5	150.2
95.6	92.0	-7.5°	161.7	161.8	161.7	162.0	161.1	157.2	153.7	151.3	149.2
98.7	95.0	-8.75°	160.1	160.7	160.9	161.1	159.6	155.7	152.5	150.2	148.1
101.8	97.9	-10°	158.7	159.8	160.1	160.2	158.1	154.2	151.2	149.0	147.1
104.8	100.8	-11.25°	157.4	159.0	159.2	159.2	156.5	152.6	149.9	147.8	146.1
107.8	103.7	-12.5°	156.4	158.4	158.3	158.2	154.8	150.9	148.6	146.6	145.0
110.7	106.5	-13.75°	155.6	157.7	157.4	157.0	153.1	149.2	147.3	145.4	143.9
113.1	109.3	-15°	155.0	156.7	156.3	155.1	151.2	147.7	145.9	144.2	142.7
115.4	112.0	-16.25°	154.8	155.7	155.2	153.1	149.3	146.2	144.6	143.0	141.5
117.7	114.2	-17.5°	154.3	154.6	154.0	151.1	147.2	144.8	143.3	141.7	140.3
120.0	116.4	-18.75°	152.1	152.6	152.7	148.9	145.1	143.4	141.9	140.5	139.0
122.2	118.5	-20°	149.7	150.5	149.9	146.6	143.2	141.9	140.6	139.1	137.7
124.6	120.7	-21.25°	147.5	148.6	147.2	144.0	141.6	140.5	139.2	137.8	136.4





REPORT NUMBER: P394833 (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°
127.2	122.8	-22.5°	145.6	147.0	144.5	141.6	139.8	138.8	137.8	136.4	134.4
129.8	124.9	-23.75°	143.9	144.2	141.8	139.2	138.0	137.0	135.9	134.9	132.1
132.3	127.2	-25°	142.4	141.5	139.3	137.3	136.1	135.0	133.9	132.9	129.6
134.8	129.6	-26.25°	140.5	138.8	136.8	135.3	134.1	132.9	131.8	130.5	126.7
137.2	131.9	-27.5°	137.8	136.3	134.6	133.2	132.0	130.7	129.6	127.4	123.7
139.6	134.2	-28.75°	135.2	133.9	132.3	131.0	129.7	128.5	127.4	124.2	120.6
141.5	136.1	-30°	132.7	131.5	130.0	128.7	127.3	126.1	124.5	120.9	117.5
142.8	138.1	-31.25°	130.1	129.0	127.5	126.2	124.8	123.6	121.0	117.6	114.3
144.0	139.9	-32.5°	127.1	126.2	124.9	123.5	122.2	120.8	117.5	114.2	111.1
145.0	141.7	-33.75°	123.8	123.0	122.2	120.7	119.5	117.1	113.9	110.7	107.9
146.0	142.8	-35°	120.4	119.7	118.8	117.8	116.4	113.3	110.3	107.3	104.6
146.9	143.7	-36.25°	117.0	116.2	115.3	114.6	112.4	109.5	106.5	103.8	101.2
147.7	144.5	-37.5°	113.4	112.5	111.7	110.7	108.4	105.5	102.8	100.2	97.7
148.3	145.3	-38.75°	109.5	108.7	108.1	106.1	103.9	101.5	99.0	96.6	94.4
148.9	145.9	-40°	105.5	104.9	103.4	101.4	99.4	97.4	95.1	92.8	91.4
149.4	146.5	-41.25°	101.4	100.4	98.5	96.7	94.9	93.2	91.2	89.6	88.6
149.8	147.0	-42.5°	97.0	95.3	93.6	91.9	90.5	89.0	87.1	87.0	86.1
150.2	147.5	-43.75°	91.7	90.2	88.6	87.5	86.3	84.8	84.4	84.6	83.7
150.6	147.9	-45°	86.3	85.0	84.0	83.1	82.0	81.3	81.7	82.1	81.3
150.9	148.2	-46.25°	80.9	80.2	79.6	78.8	78.0	78.6	79.1	79.5	78.5
151.1	148.4	-47.5°	76.0	75.7	75.3	74.6	75.2	75.8	76.4	76.2	75.5
151.4	148.7	-48.75°	71.5	71.4	71.0	71.6	72.3	73.0	73.3	72.9	72.2
151.8	149.0	-50°	67.2	67.1	67.8	68.7	69.5	70.1	69.9	69.6	69.0
152.1	149.3	-51.25°	62.9	63.8	64.8	65.8	66.6	66.7	66.6	66.3	66.1
152.3	149.6	-52.5°	59.7	60.8	61.8	62.8	63.1	63.3	63.3	63.2	63.4
152.5	149.9	-53.75°	56.6	57.7	58.7	59.3	59.8	60.0	60.1	60.5	60.8
152.7	150.2	-55°	53.5	54.6	55.3	56.0	56.4	56.8	57.4	57.9	58.2
152.8	150.4	-56.25°	50.4	51.3	52.0	52.7	53.3	54.1	54.8	55.3	55.5
152.0	149.7	-57.5°	47.3	48.2	48.8	49.7	50.6	51.4	52.1	52.5	52.0
151.2	149.0	-58.75°	44.3	45.1	46.0	47.0	47.9	48.8	49.3	49.1	48.7
150.3	148.2	-60°	41.5	42.5	43.4	44.3	45.3	45.8	45.9	45.7	45.3
149.4	147.3	-61.25°	38.8	39.9	40.9	41.7	42.2	42.5	42.6	42.4	42.1
148.6	146.4	-62.5°	36.3	37.4	38.2	38.6	39.0	39.3	39.3	39.4	39.7
147.7	145.5	-63.75°	33.7	34.6	35.2	35.5	35.8	36.1	36.6	37.1	37.4
146.7	144.6	-65°	31.1	31.8	32.3	32.6	32.8	33.6	34.3	34.8	35.2
145.7	143.3	-66.25°	28.5	29.1	29.5	30.2	30.7	31.5	32.2	32.7	33.0
144.7	141.9	-67.5°	26.1	26.9	27.6	28.2	28.8	29.4	30.1	30.3	30.2
143.6	140.4	-68.75°	24.2	24.9	25.7	26.3	26.8	27.3	27.5	27.5	27.4
142.5	138.9	-70°	22.3	23.1	23.8	24.3	24.5	24.6	24.8	24.8	24.7
141.3	137.3	-71.25°	20.5	21.1	21.5	21.8	21.9	22.0	22.1	22.1	22.1
139.8	135.6	-72.5°	18.3	18.8	19.1	19.3	19.4	19.3	19.6	19.9	20.1
138.0	133.9	-73.75°	16.2	16.6	16.8	17.0	17.1	17.4	17.7	18.1	18.2
136.2	132.0	-75°	14.2	14.5	14.9	15.2	15.5	15.7	16.0	16.2	16.4
134.2	130.0	-76.25°	12.6	13.0	13.3	13.6	13.8	14.0	14.2	14.4	14.5
132.2	128.0	-77.5°	11.1	11.4	11.7	12.0	12.2	12.3	12.5	12.6	12.6

REPORT NUMBER: P394833 (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°
130.0	125.9	-78.75°	9.6	9.9	10.1	10.3	10.5	10.6	10.6	10.7	10.8
127.8	123.6	-80°	8.1	8.4	8.5	8.7	8.8	8.8	8.8	8.9	8.9
125.4	121.3	-81.25°	6.7	6.8	7.0	7.0	7.1	7.1	7.0	7.2	7.3
122.9	119.1	-82.5°	5.3	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.9
120.1	116.8	-83.75°	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.4	4.5
117.2	114.1	-85°	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
114.3	111.3	-86.25°	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2
111.3	108.4	-87.5°	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5
108.3	105.4	-88.75°	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
105.1	101.9	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.9	98.6										
98.6	95.5										
95.4	92.4										
92.4	89.6										
89.5	86.9										
86.9	84.9										
84.4	82.9										
82.1	80.7										
79.6	78.4										
77.0	75.9										
74.2	73.2										
71.3	70.6										
68.7	68.0										
66.1	65.5										
63.5	63.2										
60.9	60.4										
58.1	57.0										
54.7	53.7										
51.3	50.4										
48.0	47.1										
44.7	44.6										
42.3	42.2										
39.9	39.9										
37.6	37.6										
35.3	35.0										
32.7	32.3										
29.9	29.5										
27.2	26.8										
24.5	24.3										
22.2	22.2										
20.3	20.2										
18.3	18.3										
16.4	16.3										
14.5	14.4										
12.6	12.6										



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
10.8	10.7	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	8.8	88.75°	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9	0.9
7.4	7.4	87.5°	2.4	2.3	2.2	2.2	2.1	2.0	1.9	1.9	1.8
5.9	5.9	86.25°	3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.8	2.7
4.5	4.5	85°	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.6
3.1	3.0	83.75°	6.8	6.4	6.0	5.6	5.2	5.0	4.9	4.7	4.4
2.2	2.3	82.5°	9.0	8.5	8.1	7.6	7.1	6.6	6.2	5.7	5.3
1.5	1.5	81.25°	11.1	10.6	10.1	9.6	9.0	8.4	7.9	7.3	6.7
0.7	0.8	80°	13.3	12.7	12.2	11.5	10.9	10.2	9.5	8.9	8.2
0.0	0.0	78.75°	15.9	15.0	14.2	13.5	12.7	12.0	11.2	10.4	9.7
		77.5°	18.6	17.7	16.7	15.7	14.6	13.7	12.9	12.0	11.1
		76.25°	21.4	20.4	19.3	18.2	17.0	15.8	14.5	13.6	12.6
		75°	24.2	23.0	21.9	20.6	19.4	18.0	16.7	15.2	14.1
		73.75°	27.0	25.7	24.4	23.1	21.7	20.3	18.9	17.3	15.7
		72.5°	29.9	28.5	27.0	25.6	24.1	22.6	21.0	19.4	17.7
		71.25°	32.8	31.3	29.7	28.1	26.5	24.9	23.2	21.5	19.7
		70°	35.7	34.1	32.4	30.7	29.0	27.2	25.4	23.6	21.7
		68.75°	38.6	36.8	35.1	33.4	31.5	29.6	27.6	25.6	23.6
		67.5°	41.8	39.7	37.8	36.0	34.1	32.1	29.9	27.7	25.6
		66.25°	45.0	42.7	40.7	38.6	36.6	34.5	32.3	29.9	27.5
		65°	48.1	45.8	43.6	41.4	39.1	36.9	34.6	32.2	29.6
		63.75°	51.2	48.7	46.7	44.4	41.9	39.4	36.9	34.4	31.7
		62.5°	54.7	51.8	49.7	47.3	44.8	41.9	39.3	36.6	33.9
		61.25°	58.3	55.2	52.7	50.3	47.6	44.8	41.6	38.8	36.0
		60°	61.8	58.8	56.0	53.3	50.6	47.6	44.3	41.0	38.0
		58.75°	65.4	62.3	59.4	56.4	53.5	50.4	47.1	43.5	40.1
		57.5°	69.0	65.8	62.7	59.5	56.4	53.2	49.8	46.1	42.2
		56.25°	71.8	69.3	66.0	62.7	59.4	56.0	52.5	48.7	44.6
		55°	74.6	72.2	69.3	65.8	62.3	58.8	55.2	51.3	47.1
		53.75°	77.3	74.9	72.3	68.9	65.2	61.6	57.9	53.9	49.5
		52.5°	80.1	77.5	74.8	71.9	68.1	64.3	60.5	56.5	52.0
		51.25°	82.9	80.2	77.4	74.5	70.9	67.0	63.1	59.1	54.3
		50°	85.8	82.9	79.9	76.9	73.7	69.7	65.6	61.5	56.5
		48.75°	88.7	85.5	82.5	79.3	76.1	72.3	68.0	63.8	58.7
		47.5°	91.5	88.2	85.0	81.8	78.4	74.8	70.5	66.1	60.7
		46.25°	94.2	90.7	87.5	84.2	80.7	77.0	72.8	68.0	62.5
		45°	96.8	93.2	89.8	86.6	83.0	79.2	75.2	69.9	64.3
		43.75°	99.5	95.6	92.1	88.8	85.2	81.3	77.3	71.8	66.0
		42.5°	102.2	97.9	94.3	90.9	87.5	83.5	79.1	73.6	67.7
		41.25°	104.9	100.4	96.4	92.9	89.6	85.6	80.8	75.3	69.4
		40°	107.5	102.9	98.5	94.9	91.5	87.6	82.4	77.0	70.9
		38.75°	110.1	105.4	100.6	96.7	93.2	89.4	84.1	78.5	72.5
		37.5°	112.6	107.8	102.9	98.5	95.0	91.0	85.8	80.1	74.0
		36.25°	114.7	110.1	105.2	100.3	96.4	92.4	87.5	81.6	75.5
		35°	116.7	112.4	107.4	102.2	97.9	93.7	89.2	83.2	76.9



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**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°	118.8	114.6	109.5	104.2	99.3	95.1	90.8	84.7	78.3
0.8	0.8	32.5°	120.8	116.5	111.6	106.2	100.7	96.4	92.0	86.2	79.6
1.7	1.6	31.25°	122.7	118.4	113.7	108.1	102.3	97.7	93.2	87.7	81.0
2.5	2.4	30°	124.7	120.1	115.7	110.0	104.1	99.0	94.4	89.2	82.3
3.4	3.2	28.75°	126.5	121.8	117.4	112.0	105.9	100.2	95.5	90.6	83.7
4.2	4.0	27.5°	128.3	123.4	118.9	113.8	107.6	101.4	96.6	91.8	84.9
5.1	4.8	26.25°	130.2	124.8	120.4	115.7	109.3	102.7	97.7	92.8	86.2
6.1	5.6	25°	132.0	126.2	121.7	117.5	111.0	104.3	98.8	93.8	87.5
7.5	6.8	23.75°	133.7	127.4	123.0	118.8	112.7	105.8	99.8	94.7	88.7
8.9	8.1	22.5°	135.4	129.0	124.2	120.0	114.3	107.3	100.9	95.6	89.8
10.2	9.4	21.25°	137.1	130.6	125.3	121.1	115.8	108.7	101.8	96.5	91.0
11.6	10.6	20°	138.7	132.1	126.3	122.1	117.4	110.1	102.8	97.4	91.9
13.0	11.9	18.75°	140.3	133.5	127.2	123.1	118.9	111.4	103.8	98.2	92.7
14.3	13.2	17.5°	141.7	134.9	128.0	124.0	120.1	112.7	105.0	99.0	93.4
16.0	14.4	16.25°	143.1	136.2	129.1	124.8	120.9	114.0	106.1	99.7	94.0
17.8	15.9	15°	143.8	137.4	130.3	125.5	121.7	115.2	107.1	100.4	94.7
19.7	17.7	13.75°	144.4	138.6	131.3	126.2	122.5	116.3	108.2	101.0	94.9
21.6	19.4	12.5°	145.0	139.7	132.3	126.8	123.1	117.4	108.9	101.2	95.0
23.4	21.1	11.25°	145.5	140.8	133.3	127.4	123.7	117.9	109.1	101.2	95.1
25.2	22.9	10°	145.9	141.7	134.1	127.7	123.6	118.1	109.3	101.3	95.2
27.1	24.6	8.75°	146.0	142.0	134.4	127.9	123.6	118.2	109.4	101.2	95.2
29.0	26.3	7.5°	145.8	141.9	134.7	128.1	123.6	118.2	109.5	101.1	95.1
31.0	27.9	6.25°	145.7	141.7	134.8	128.3	123.5	118.2	109.4	101.0	95.1
32.9	29.7	5°	145.5	141.3	134.7	128.4	123.4	118.0	109.3	100.8	94.9
34.9	31.5	3.75°	145.4	140.9	134.6	128.6	123.3	117.8	109.1	100.6	94.7
36.9	33.3	2.5°	145.2	140.3	134.5	128.7	123.1	117.5	108.9	100.3	94.5
38.8	35.0	1.25°	145.0	139.7	134.2	128.7	122.9	117.1	108.6	100.0	94.2
40.7	36.7	0°	144.7	139.0	133.9	128.7	122.7	116.7	108.2	99.6	93.9
42.5	38.4	-1.25°	144.2	138.7	133.3	127.9	122.0	116.0	107.7	99.3	93.6
44.6	40.1	-2.5°	143.7	138.4	132.7	126.9	121.1	115.3	107.2	99.0	93.2
46.7	41.7	-3.75°	143.2	138.0	131.9	126.0	120.3	114.5	106.6	98.7	92.7
48.8	43.4	-5°	142.5	137.5	131.2	125.0	119.4	113.6	105.9	98.3	92.3
50.9	45.3	-6.25°	141.9	136.9	130.3	123.9	118.4	112.7	105.2	97.8	91.7
52.8	47.1	-7.5°	141.2	136.2	129.3	122.8	117.4	111.7	104.5	97.3	91.1
54.8	48.9	-8.75°	140.5	135.4	128.2	121.6	116.4	110.7	103.7	96.7	90.5
56.7	50.7	-10°	139.3	134.2	126.9	120.4	115.3	109.6	102.8	96.1	89.8
58.5	52.4	-11.25°	137.9	132.6	125.5	119.2	114.1	108.5	102.0	95.4	89.0
60.3	54.1	-12.5°	136.4	130.9	124.0	117.9	112.8	107.4	101.1	94.6	88.2
61.9	55.7	-13.75°	134.9	129.1	122.5	116.6	111.4	106.0	100.1	93.7	87.4
63.4	57.2	-15°	133.3	127.4	120.9	115.2	109.9	104.7	99.0	92.8	86.4
64.9	58.7	-16.25°	131.6	125.6	119.3	113.7	108.3	103.3	98.0	91.8	85.5
66.3	60.1	-17.5°	129.5	123.7	117.7	112.1	106.7	102.0	97.0	90.8	84.5
67.7	61.4	-18.75°	127.4	121.9	116.1	110.3	105.0	100.7	96.0	89.7	83.4
69.1	62.7	-20°	125.4	120.0	114.3	108.5	103.4	99.5	94.8	88.5	82.3
70.4	63.9	-21.25°	123.3	118.1	112.4	106.6	101.9	98.2	93.6	87.3	81.1

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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°
71.7	65.1	-22.5°	121.2	116.2	110.3	104.5	100.5	97.0	92.3	86.0	79.9
72.9	66.2	-23.75°	119.1	114.3	108.2	102.4	99.1	95.9	90.9	84.7	78.6
74.0	67.3	-25°	117.0	112.0	105.9	100.1	97.7	94.8	89.4	83.3	77.4
75.2	68.4	-26.25°	115.0	109.6	103.5	98.5	96.5	93.8	87.9	81.8	76.1
76.4	69.4	-27.5°	112.9	107.0	100.9	97.1	95.3	92.3	86.3	80.3	74.8
77.6	70.3	-28.75°	110.7	104.3	98.3	95.8	94.2	90.6	84.6	78.8	73.4
78.7	71.2	-30°	107.5	101.4	95.4	94.6	93.2	88.8	82.9	77.3	72.1
79.8	72.1	-31.25°	104.1	98.4	94.0	93.5	92.3	86.9	81.1	75.8	70.7
80.8	72.9	-32.5°	100.8	95.4	92.9	92.5	90.8	85.0	79.3	74.3	69.4
81.9	73.7	-33.75°	97.6	92.4	91.8	91.6	88.7	83.0	77.4	72.8	68.0
82.9	74.6	-35°	94.5	90.9	90.6	90.9	86.5	80.9	75.7	71.3	66.6
83.8	75.4	-36.25°	91.5	89.6	89.4	89.3	84.3	78.8	74.1	69.7	65.2
84.8	76.2	-37.5°	88.9	88.2	88.0	86.4	82.0	76.6	72.4	68.2	63.6
85.7	76.9	-38.75°	87.4	86.7	86.5	83.5	79.3	74.6	70.8	66.7	61.9
86.5	77.5	-40°	85.7	85.1	84.3	80.7	76.6	72.8	69.1	65.1	60.3
87.0	78.0	-41.25°	83.9	83.3	81.4	78.0	74.0	70.9	67.5	63.5	58.6
87.5	78.4	-42.5°	81.9	81.2	78.5	75.2	71.7	68.9	65.8	61.7	56.9
87.9	78.8	-43.75°	79.9	78.3	75.7	72.6	69.6	66.8	64.1	59.8	55.2
88.2	79.1	-45°	77.5	75.5	73.0	70.1	67.4	64.7	62.0	58.0	53.4
88.5	79.3	-46.25°	74.7	72.8	70.4	67.7	65.1	62.6	59.7	56.1	51.6
88.6	79.5	-47.5°	71.9	70.1	67.8	65.3	62.9	60.5	57.5	54.1	49.8
88.8	79.7	-48.75°	69.3	67.6	65.2	62.9	60.5	58.1	55.2	52.0	48.2
88.8	79.7	-50°	66.8	64.9	62.6	60.4	58.2	55.7	53.0	49.8	46.5
88.8	79.8	-51.25°	64.4	62.2	60.0	57.9	55.8	53.4	50.7	47.8	44.8
88.8	79.7	-52.5°	61.4	59.3	57.3	55.3	53.4	51.1	48.5	45.8	43.1
88.6	79.6	-53.75°	58.4	56.5	54.6	52.9	51.0	48.8	46.4	43.8	41.2
88.5	79.5	-55°	55.3	53.5	52.0	50.5	48.7	46.6	44.2	41.8	39.3
88.2	79.3	-56.25°	52.3	50.8	49.6	48.2	46.4	44.4	42.1	39.8	37.4
87.8	79.0	-57.5°	49.2	48.3	47.2	45.8	44.1	42.1	40.0	37.8	35.5
87.3	78.6	-58.75°	46.8	46.0	44.9	43.6	41.8	39.9	37.8	35.8	33.5
86.8	78.2	-60°	44.4	43.7	42.6	41.2	39.4	37.6	35.7	33.7	31.6
86.2	77.7	-61.25°	42.0	41.4	40.2	38.7	37.0	35.3	33.5	31.7	29.6
85.5	77.2	-62.5°	39.7	39.0	37.7	36.2	34.7	33.1	31.5	29.7	27.7
84.8	76.7	-63.75°	37.2	36.3	35.1	33.7	32.3	30.9	29.4	27.7	25.8
84.1	76.1	-65°	34.4	33.6	32.5	31.2	30.0	28.8	27.4	25.7	23.9
83.3	75.4	-66.25°	31.7	30.9	29.9	28.9	27.9	26.7	25.4	23.8	22.0
82.5	74.8	-67.5°	29.0	28.3	27.6	26.8	25.9	24.7	23.3	21.8	20.4
81.6	74.0	-68.75°	26.3	26.0	25.5	24.7	23.8	22.7	21.4	20.1	18.9
80.7	73.3	-70°	24.2	23.9	23.5	22.7	21.8	20.7	19.6	18.5	17.3
79.7	72.5	-71.25°	22.1	21.8	21.4	20.7	19.8	18.9	17.9	16.9	15.7
78.8	71.7	-72.5°	20.1	19.8	19.4	18.7	18.0	17.2	16.2	15.2	14.1
77.8	70.8	-73.75°	18.1	17.8	17.5	16.9	16.2	15.4	14.6	13.6	12.6
76.8	70.0	-75°	16.2	15.9	15.6	15.1	14.5	13.7	12.9	12.0	11.2
75.8	69.1	-76.25°	14.3	14.1	13.8	13.3	12.7	12.0	11.2	10.6	10.0
74.7	68.1	-77.5°	12.4	12.2	12.0	11.5	10.9	10.4	9.9	9.3	8.7

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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°
73.6	67.2	-78.75°	10.6	10.4	10.2	9.9	9.5	9.0	8.5	8.0	7.5
72.5	66.2	-80°	8.8	8.8	8.7	8.4	8.1	7.6	7.2	6.7	6.2
71.4	65.1	-81.25°	7.3	7.3	7.2	7.0	6.6	6.2	5.9	5.4	5.0
70.2	64.0	-82.5°	5.9	5.8	5.7	5.5	5.2	4.9	4.5	4.1	3.9
69.1	62.9	-83.75°	4.4	4.3	4.2	4.0	3.7	3.6	3.5	3.4	3.2
67.9	61.7	-85°	3.0	3.1	3.1	3.0	3.0	2.9	2.8	2.7	2.6
66.6	60.5	-86.25°	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.0	1.9
65.3	59.3	-87.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3
64.0	58.0	-88.75°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
62.6	56.7	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	55.4										
59.7	54.1										
58.2	52.7										
56.7	51.3										
55.1	50.0										
53.6	48.8										
52.0	47.6										
50.3	46.3										
48.9	45.0										
47.5	43.7										
46.0	42.3										
44.5	41.0										
43.0	39.5										
41.4	38.1										
39.8	36.5										
38.2	34.9										
36.5	33.2										
34.7	31.5										
32.9	29.9										
31.0	28.2										
29.2	26.5										
27.3	24.7										
25.5	23.1										
23.6	21.7										
22.0	20.2										
20.5	18.8										
19.0	17.4										
17.5	16.0										
16.0	14.5										
14.5	13.1										
12.9	11.8										
11.6	10.7										
10.4	9.6										
9.2	8.5										
8.1	7.4										



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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°
6.9	6.3	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	5.2	88.75°	0.8	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.2
4.5	4.1	87.5°	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.5
3.7	3.5	86.25°	2.2	2.0	1.8	1.7	1.5	1.3	1.1	0.9	0.7
3.1	2.9	85°	3.0	2.7	2.5	2.2	1.9	1.7	1.4	1.2	0.9
2.5	2.4	83.75°	3.7	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2
1.9	1.8	82.5°	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.8	1.4
1.2	1.2	81.25°	5.2	4.8	4.3	3.8	3.4	2.9	2.5	2.1	1.6
0.6	0.6	80°	6.1	5.4	4.9	4.4	3.9	3.4	2.9	2.4	1.9
0.0	0.0	78.75°	7.3	6.3	5.5	4.9	4.3	3.8	3.2	2.7	2.1
		77.5°	8.4	7.4	6.4	5.5	4.8	4.2	3.6	2.9	2.3
		76.25°	9.6	8.5	7.4	6.2	5.3	4.6	3.9	3.2	2.6
		75°	10.8	9.6	8.4	7.2	5.9	5.0	4.3	3.5	2.8
		73.75°	12.0	10.7	9.4	8.1	6.7	5.4	4.6	3.8	3.0
		72.5°	13.1	11.8	10.4	9.0	7.5	6.0	4.9	4.1	3.2
		71.25°	14.3	12.8	11.4	9.9	8.3	6.7	5.3	4.4	3.5
		70°	15.5	13.9	12.3	10.7	9.1	7.4	5.7	4.6	3.7
		68.75°	17.2	15.0	13.3	11.6	9.9	8.1	6.3	4.9	3.9
		67.5°	18.8	16.3	14.3	12.5	10.7	8.8	6.9	5.2	4.1
		66.25°	20.4	17.8	15.2	13.4	11.5	9.5	7.5	5.5	4.3
		65°	21.9	19.3	16.6	14.2	12.2	10.2	8.1	6.0	4.5
		63.75°	23.5	20.7	17.9	15.1	13.0	10.9	8.7	6.5	4.8
		62.5°	25.0	22.1	19.2	16.2	13.8	11.5	9.3	7.0	5.0
		61.25°	26.6	23.5	20.4	17.3	14.5	12.2	9.8	7.4	5.2
		60°	28.1	24.9	21.7	18.5	15.3	12.9	10.4	7.9	5.4
		58.75°	29.7	26.3	23.0	19.6	16.3	13.5	11.0	8.4	5.7
		57.5°	31.3	27.6	24.2	20.7	17.2	14.2	11.5	8.9	6.1
		56.25°	32.9	29.0	25.4	21.8	18.2	14.8	12.1	9.3	6.5
		55°	34.4	30.4	26.6	22.9	19.2	15.4	12.6	9.8	6.8
		53.75°	35.9	31.8	27.8	24.0	20.1	16.3	13.2	10.2	7.2
		52.5°	37.4	33.2	29.0	25.0	21.1	17.1	13.7	10.6	7.5
		51.25°	38.9	34.5	30.2	26.1	22.0	17.9	14.2	11.1	7.9
		50°	40.3	35.9	31.4	27.1	22.9	18.7	14.7	11.5	8.2
		48.75°	41.8	37.2	32.6	28.1	23.8	19.5	15.2	11.9	8.5
		47.5°	43.2	38.4	33.7	29.1	24.7	20.2	15.8	12.3	8.9
		46.25°	44.8	39.7	34.9	30.1	25.5	21.0	16.4	12.7	9.2
		45°	46.4	40.9	36.0	31.1	26.4	21.7	17.1	13.1	9.5
		43.75°	47.9	42.0	37.0	32.1	27.2	22.5	17.7	13.5	9.8
		42.5°	49.4	43.3	38.1	33.0	28.0	23.2	18.3	13.8	10.1
		41.25°	50.9	44.6	39.1	33.9	28.8	23.9	18.9	14.2	10.4
		40°	52.3	45.9	40.1	34.8	29.6	24.5	19.4	14.5	10.6
		38.75°	53.6	47.1	41.0	35.7	30.4	25.2	20.0	14.9	10.9
		37.5°	54.9	48.3	42.0	36.5	31.1	25.8	20.5	15.2	11.2
		36.25°	56.2	49.5	42.9	37.3	31.9	26.5	21.0	15.6	11.4
		35°	57.4	50.6	44.0	38.1	32.6	27.1	21.5	16.0	11.7



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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°	58.5	51.7	44.9	38.9	33.2	27.6	22.0	16.4	11.9
0.2	0.1	32.5°	59.6	52.7	45.9	39.6	33.9	28.2	22.5	16.8	12.1
0.3	0.2	31.25°	60.6	53.7	46.8	40.4	34.5	28.7	22.9	17.1	12.4
0.5	0.3	30°	61.6	54.6	47.7	41.0	35.2	29.2	23.3	17.5	12.6
0.7	0.5	28.75°	62.5	55.5	48.5	41.7	35.7	29.7	23.7	17.8	12.8
0.9	0.6	27.5°	63.4	56.4	49.3	42.3	36.3	30.2	24.1	18.2	13.0
1.0	0.7	26.25°	64.2	57.2	50.0	43.0	36.9	30.7	24.5	18.5	13.2
1.2	0.8	25°	65.0	58.0	50.7	43.7	37.5	31.1	24.9	18.8	13.3
1.4	0.9	23.75°	65.8	58.7	51.4	44.4	38.0	31.6	25.2	19.1	13.5
1.6	1.0	22.5°	66.5	59.3	52.1	45.1	38.5	32.0	25.5	19.3	13.7
1.7	1.1	21.25°	67.2	59.9	52.8	45.7	39.0	32.4	25.9	19.6	13.8
1.9	1.3	20°	67.8	60.6	53.4	46.3	39.5	32.8	26.1	19.8	14.0
2.1	1.4	18.75°	68.4	61.1	54.0	46.8	39.9	33.2	26.4	20.1	14.1
2.2	1.5	17.5°	68.9	61.7	54.5	47.4	40.4	33.5	26.7	20.3	14.2
2.4	1.6	16.25°	69.3	62.2	55.0	47.8	40.8	33.8	26.9	20.5	14.3
2.6	1.7	15°	69.7	62.6	55.5	48.3	41.2	34.1	27.1	20.7	14.5
2.7	1.8	13.75°	70.0	63.0	56.0	48.7	41.6	34.4	27.3	20.8	14.6
2.9	1.9	12.5°	70.3	63.3	56.3	49.1	41.9	34.7	27.5	21.0	14.6
3.1	2.0	11.25°	70.5	63.6	56.7	49.4	42.2	34.9	27.6	21.1	14.7
3.2	2.1	10°	70.7	63.8	57.0	49.8	42.6	35.2	27.8	21.2	14.8
3.4	2.2	8.75°	70.8	64.0	57.3	50.0	42.8	35.4	27.9	21.3	14.8
3.5	2.3	7.5°	70.8	64.2	57.5	50.3	43.1	35.5	28.0	21.4	14.9
3.7	2.4	6.25°	70.9	64.3	57.7	50.5	43.3	35.7	28.1	21.5	14.9
3.8	2.5	5°	70.8	64.3	57.9	50.7	43.5	35.8	28.1	21.5	15.0
4.0	2.6	3.75°	70.8	64.4	58.0	50.8	43.7	35.9	28.2	21.6	15.0
4.1	2.7	2.5°	70.6	64.4	58.1	51.0	43.8	36.0	28.2	21.6	15.0
4.3	2.8	1.25°	70.5	64.3	58.2	51.0	43.9	36.1	28.2	21.6	15.0
4.4	2.9	0°	70.3	64.3	58.2	51.1	44.0	36.1	28.2	21.6	15.0
4.6	3.0	-1.25°	70.1	64.0	57.9	50.9	43.9	36.0	28.2	21.6	15.0
4.7	3.1	-2.5°	69.9	63.7	57.5	50.6	43.7	35.9	28.1	21.5	15.0
4.9	3.2	-3.75°	69.6	63.3	57.1	50.3	43.5	35.8	28.0	21.5	14.9
5.0	3.3	-5°	69.4	62.9	56.6	50.0	43.3	35.6	27.9	21.4	14.9
5.1	3.4	-6.25°	69.0	62.5	56.1	49.7	43.1	35.4	27.8	21.3	14.8
5.3	3.5	-7.5°	68.6	62.1	55.6	49.3	42.8	35.2	27.6	21.2	14.7
5.4	3.6	-8.75°	68.2	61.6	55.1	48.9	42.5	35.0	27.5	21.0	14.7
5.7	3.6	-10°	67.7	61.0	54.6	48.5	42.2	34.7	27.3	20.9	14.6
5.9	3.7	-11.25°	67.2	60.4	54.0	48.1	41.8	34.4	27.1	20.7	14.5
6.1	3.8	-12.5°	66.6	59.8	53.4	47.6	41.4	34.1	26.9	20.6	14.4
6.4	3.9	-13.75°	66.0	59.1	52.8	47.2	41.0	33.8	26.7	20.4	14.3
6.6	4.0	-15°	65.3	58.4	52.2	46.7	40.6	33.4	26.4	20.2	14.2
6.8	4.0	-16.25°	64.5	57.6	51.6	46.2	40.1	33.1	26.2	20.0	14.0
7.0	4.1	-17.5°	63.7	56.8	50.9	45.7	39.6	32.7	25.9	19.7	13.9
7.2	4.2	-18.75°	62.8	55.9	50.2	45.1	39.1	32.3	25.6	19.5	13.8
7.4	4.2	-20°	62.0	55.0	49.6	44.6	38.6	31.8	25.3	19.2	13.6
7.6	4.3	-21.25°	61.2	54.1	48.9	44.0	38.1	31.4	24.9	19.0	13.4



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
7.7	4.4	-22.5°	60.3	53.3	48.2	43.5	37.5	30.9	24.6	18.7	13.3
7.9	4.4	-23.75°	59.3	52.4	47.5	42.9	36.9	30.4	24.2	18.4	13.1
8.1	4.5	-25°	58.4	51.7	46.9	42.3	36.3	29.9	23.8	18.1	12.9
8.2	4.5	-26.25°	57.4	51.0	46.3	41.7	35.7	29.3	23.4	17.7	12.7
8.4	4.6	-27.5°	56.4	50.3	45.7	41.1	35.0	28.8	23.0	17.4	12.5
8.5	4.7	-28.75°	55.3	49.6	45.0	40.3	34.3	28.2	22.6	17.1	12.3
8.7	4.7	-30°	54.2	48.9	44.3	39.5	33.7	27.6	22.2	16.7	12.1
8.8	4.8	-31.25°	53.1	48.1	43.6	38.7	32.9	27.1	21.7	16.3	11.9
8.9	4.8	-32.5°	51.9	47.3	42.8	37.9	32.2	26.5	21.2	15.9	11.7
9.1	4.8	-33.75°	50.9	46.4	42.1	37.0	31.4	25.9	20.7	15.5	11.4
9.2	4.9	-35°	49.9	45.5	41.3	36.1	30.7	25.3	20.2	15.1	11.2
9.3	4.9	-36.25°	48.9	44.6	40.5	35.2	29.9	24.7	19.7	14.7	10.9
9.4	5.0	-37.5°	47.9	43.7	39.5	34.3	29.0	24.1	19.2	14.3	10.7
9.5	5.0	-38.75°	46.9	42.8	38.4	33.3	28.2	23.4	18.7	14.0	10.4
9.6	5.0	-40°	45.8	41.8	37.3	32.4	27.3	22.8	18.1	13.6	10.2
9.7	5.0	-41.25°	44.7	40.8	36.3	31.4	26.5	22.1	17.5	13.3	9.9
9.7	5.1	-42.5°	43.6	39.7	35.1	30.4	25.7	21.4	17.0	12.9	9.6
9.8	5.1	-43.75°	42.4	38.6	34.0	29.4	24.9	20.7	16.4	12.6	9.3
9.9	5.1	-45°	41.2	37.3	32.8	28.3	24.1	20.0	15.7	12.2	9.0
9.9	5.1	-46.25°	40.0	36.0	31.7	27.3	23.2	19.3	15.1	11.9	8.8
10.0	5.2	-47.5°	38.8	34.7	30.5	26.2	22.4	18.5	14.5	11.5	8.5
10.0	5.2	-48.75°	37.4	33.4	29.3	25.2	21.6	17.8	14.0	11.1	8.1
10.0	5.2	-50°	35.9	32.0	28.1	24.2	20.7	17.0	13.5	10.7	7.8
10.1	5.2	-51.25°	34.4	30.7	26.8	23.3	19.8	16.3	13.0	10.3	7.5
10.1	5.2	-52.5°	32.9	29.3	25.6	22.3	19.0	15.5	12.5	9.9	7.2
10.1	5.2	-53.75°	31.4	27.9	24.4	21.3	18.1	14.7	12.0	9.5	6.9
10.1	5.2	-55°	29.9	26.5	23.3	20.3	17.2	13.9	11.6	9.1	6.5
10.1	5.2	-56.25°	28.3	25.0	22.2	19.3	16.3	13.3	11.1	8.7	6.2
10.1	5.2	-57.5°	26.8	23.8	21.1	18.3	15.4	12.8	10.5	8.3	5.9
10.1	5.2	-58.75°	25.2	22.5	20.0	17.3	14.5	12.2	10.0	7.8	5.5
10.1	5.2	-60°	23.7	21.3	18.9	16.3	13.6	11.6	9.5	7.4	5.2
10.0	5.2	-61.25°	22.3	20.1	17.7	15.2	12.9	11.0	9.0	7.0	5.0
10.0	5.2	-62.5°	21.0	18.9	16.6	14.2	12.2	10.4	8.5	6.5	4.8
9.9	5.2	-63.75°	19.7	17.6	15.4	13.2	11.5	9.7	7.9	6.1	4.6
9.9	5.1	-65°	18.4	16.4	14.3	12.4	10.8	9.1	7.4	5.6	4.4
9.8	5.1	-66.25°	17.0	15.1	13.1	11.6	10.1	8.5	6.9	5.2	4.2
9.8	5.1	-67.5°	15.7	13.9	12.3	10.9	9.4	7.9	6.3	4.9	4.0
9.7	5.1	-68.75°	14.3	12.7	11.4	10.1	8.7	7.2	5.8	4.6	3.8
9.6	5.1	-70°	13.0	11.7	10.5	9.3	8.0	6.6	5.2	4.4	3.6
9.5	5.0	-71.25°	11.9	10.8	9.6	8.5	7.2	6.0	4.8	4.1	3.3
9.4	5.0	-72.5°	10.8	9.8	8.8	7.6	6.5	5.3	4.5	3.8	3.1
9.4	5.0	-73.75°	9.8	8.9	7.9	6.8	5.8	4.8	4.2	3.6	2.9
9.2	4.9	-75°	8.8	7.9	7.0	6.0	5.0	4.4	3.9	3.3	2.7
9.1	4.9	-76.25°	7.7	6.9	6.1	5.2	4.5	4.0	3.6	3.0	2.5
9.0	4.8	-77.5°	6.7	5.9	5.2	4.5	4.1	3.7	3.2	2.8	2.2



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
8.9	4.8	-78.75°	5.6	5.0	4.4	4.1	3.7	3.3	2.9	2.5	2.0
8.8	4.8	-80°	4.6	4.2	3.9	3.6	3.3	3.0	2.6	2.2	1.8
8.6	4.7	-81.25°	3.9	3.7	3.4	3.2	2.9	2.6	2.3	1.9	1.6
8.5	4.7	-82.5°	3.3	3.1	2.9	2.7	2.5	2.2	1.9	1.7	1.4
8.4	4.6	-83.75°	2.8	2.6	2.4	2.3	2.1	1.8	1.6	1.4	1.1
8.2	4.6	-85°	2.2	2.1	2.0	1.8	1.6	1.5	1.3	1.1	0.9
8.0	4.5	-86.25°	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7
7.9	4.4	-87.5°	1.1	1.0	1.0	0.9	0.8	0.7	0.6	0.6	0.5
7.7	4.4	-88.75°	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2
7.5	4.3	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	4.3										
7.2	4.2										
7.0	4.1										
6.8	4.1										
6.6	4.0										
6.4	3.9										
6.2	3.8										
6.0	3.8										
5.8	3.7										
5.5	3.6										
5.3	3.5										
5.1	3.4										
5.0	3.3										
4.9	3.3										
4.7	3.2										
4.6	3.1										
4.5	3.0										
4.3	2.9										
4.2	2.8										
4.0	2.7										
3.9	2.6										
3.7	2.5										
3.6	2.4										
3.4	2.3										
3.3	2.2										
3.1	2.1										
3.0	2.0										
2.8	1.9										
2.7	1.8										
2.5	1.7										
2.3	1.6										
2.2	1.5										
2.0	1.3										
1.9	1.2										
1.7	1.1										



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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
0.8	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°	0.8	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°	1.5	0.0
		52.5°	1.6	0.0
		51.25°	1.6	0.0
		50°	1.7	0.0
		48.75°	1.7	0.0
		47.5°	1.8	0.0
		46.25°	1.8	0.0
		45°	1.9	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°	2.0	0.0
		37.5°	2.1	0.0
		36.25°	2.1	0.0
		35°	2.1	0.0

REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-DIM10

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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°	1.4	0.0
-57.5°	1.4	0.0
-58.75°	1.3	0.0
-60°	1.3	0.0
-61.25°	1.3	0.0
-62.5°	1.2	0.0
-63.75°	1.1	0.0
-65°	1.1	0.0
-66.25°	1.0	0.0
-67.5°	1.0	0.0
-68.75°	0.9	0.0
-70°	0.9	0.0
-71.25°	0.8	0.0
-72.5°	0.8	0.0
-73.75°	0.7	0.0
-75°	0.7	0.0
-76.25°	0.6	0.0
-77.5°	0.6	0.0



REPORT NUMBER: P394833 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 303-S1-LEDB1-4000-UNV-T2-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)