

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: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE**

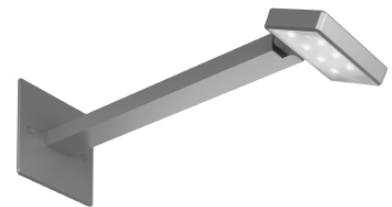
Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-623-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/9/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
CEILING WALL MOUNT, ONE LIGHTBAR, TYPE 4 WITH EDGE GLOW  
Light Source: 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

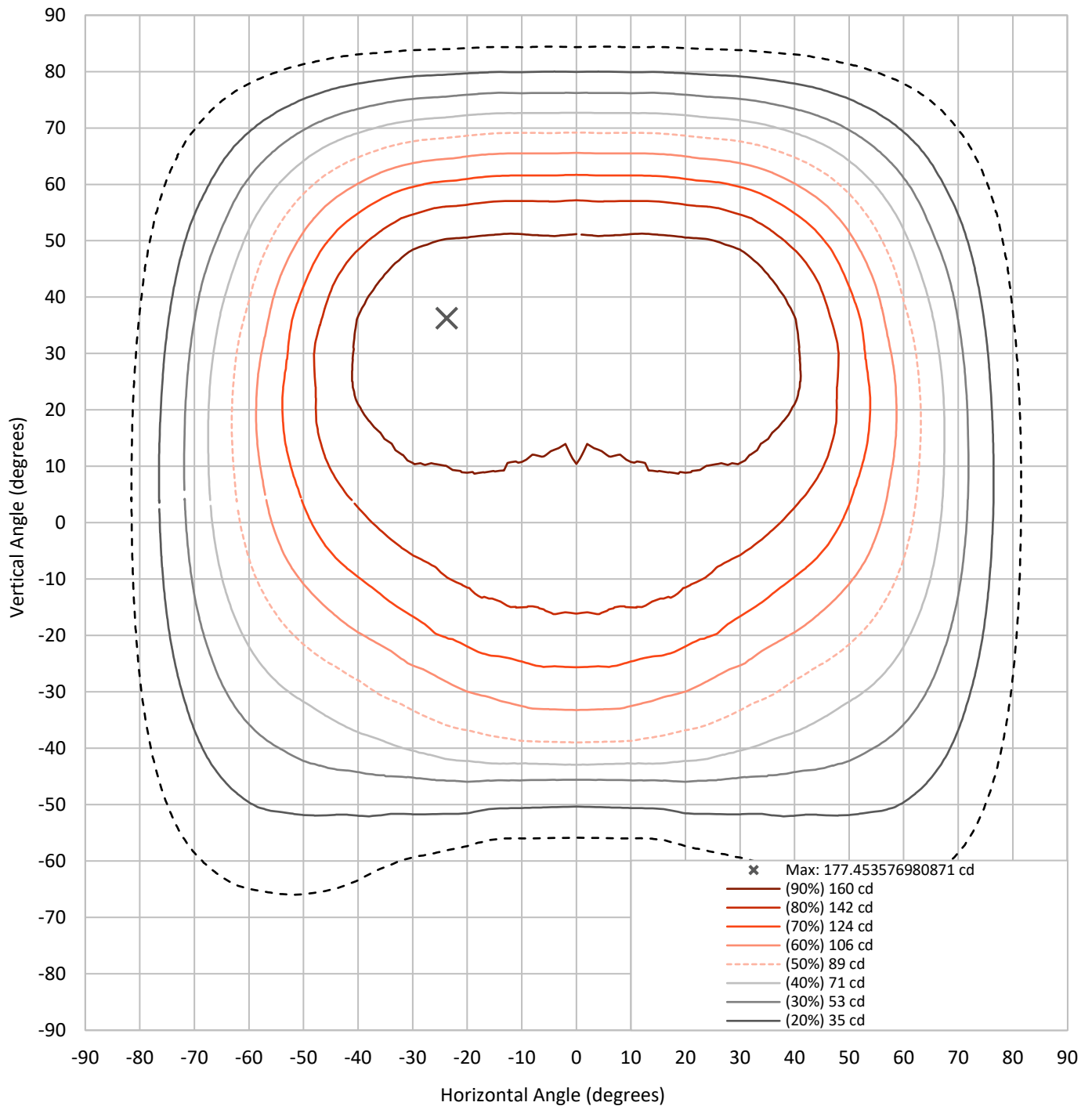
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	521.1 lumens	Max Intensity:	177.5 candela
Efficiency:	N/A	Max Intensity Angle:	-23.75°H x 36.25°V
Efficacy:	63.5 lumens/watt		
Luminous Opening:	Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 0.01')		
Beam Angle (50%):	121.8°H x 104.2°V	Field Angle (10%):	160.3°H x 142.1°V
Beam Lumens:	417.3 lumens	Field Lumens:	512.2 lumens
Beam Efficiency:	80.1%	Field Efficiency:	98.3%
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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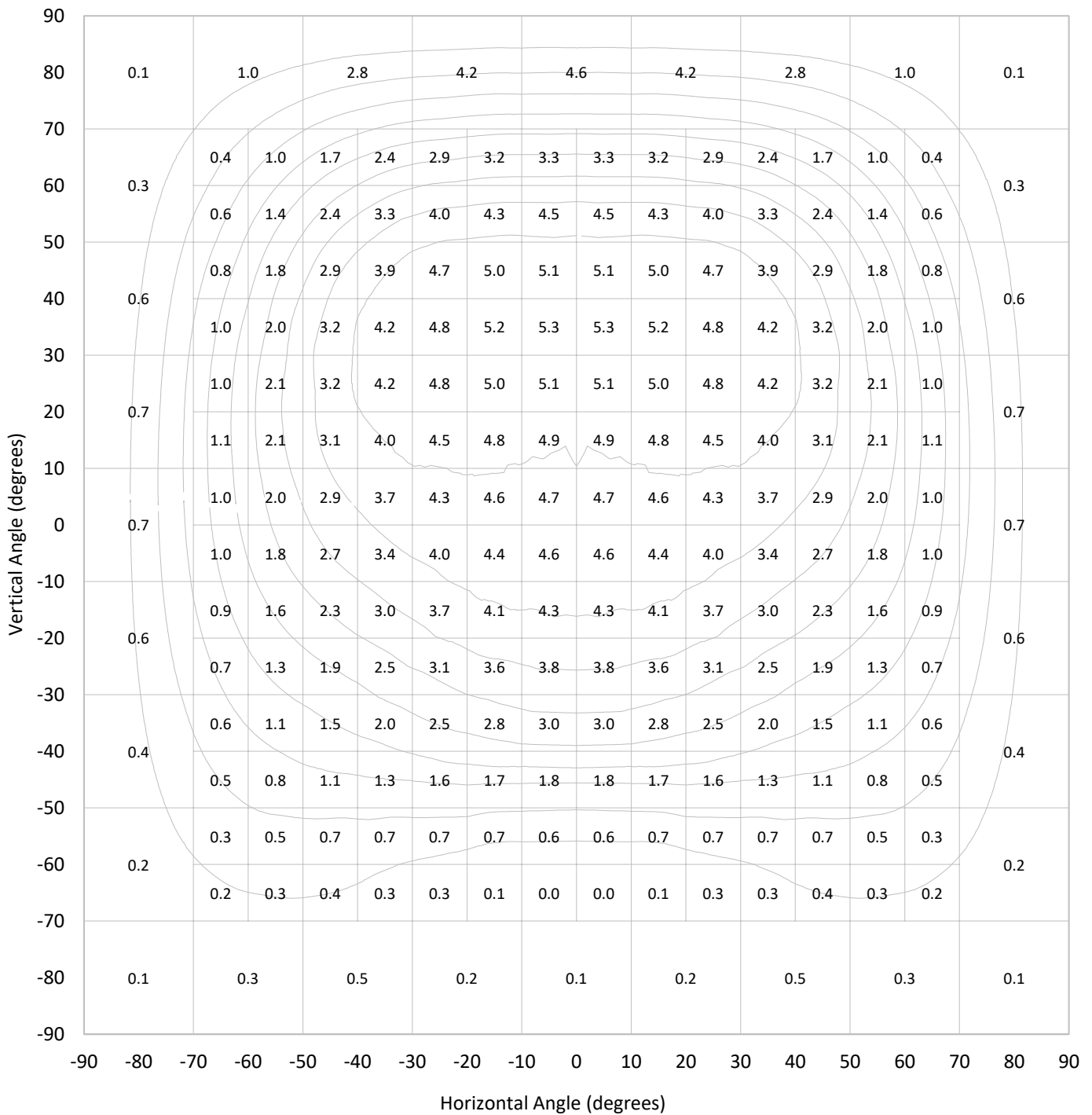
### Iso-Candela Plot





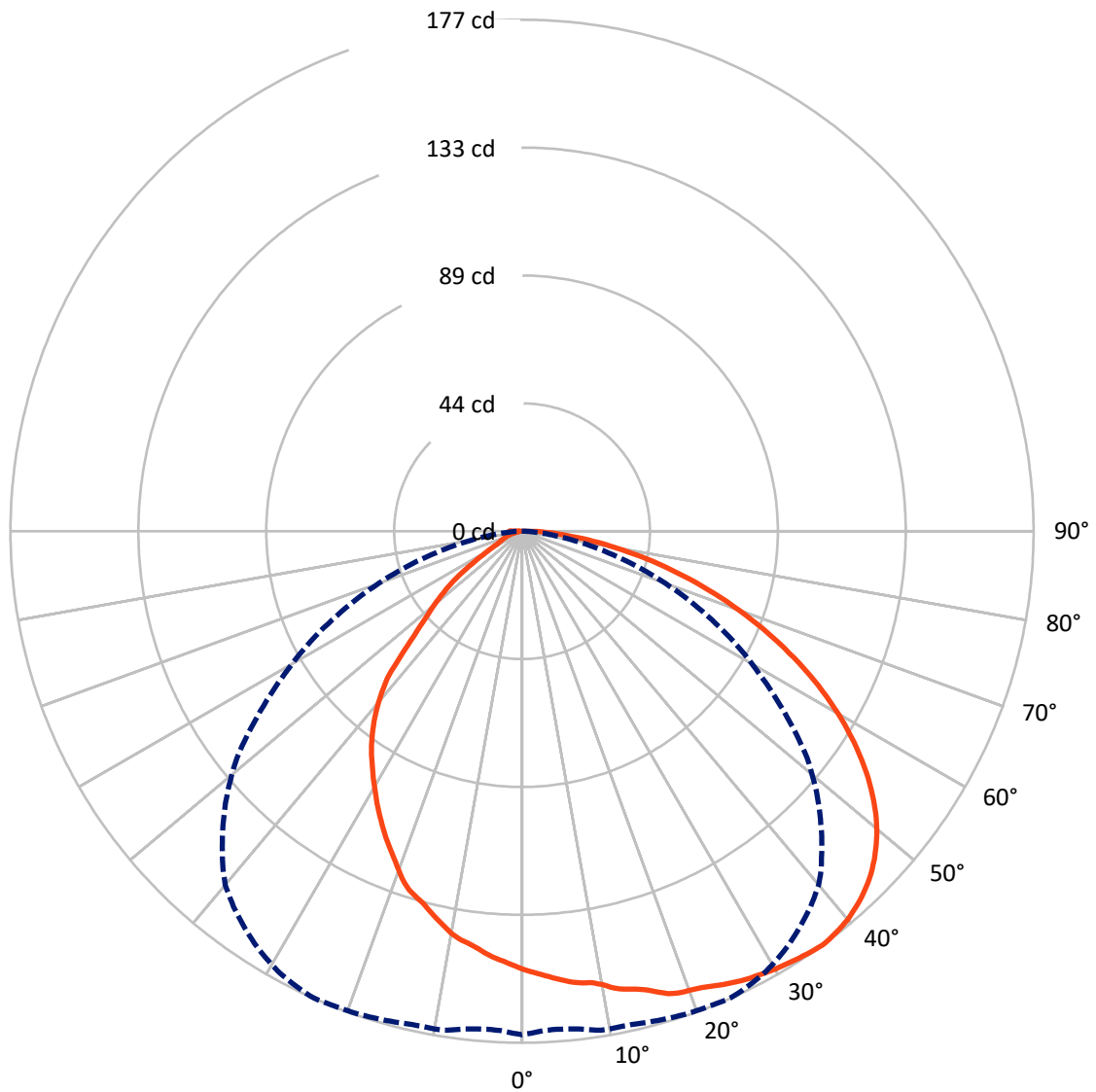
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### Lumen Table



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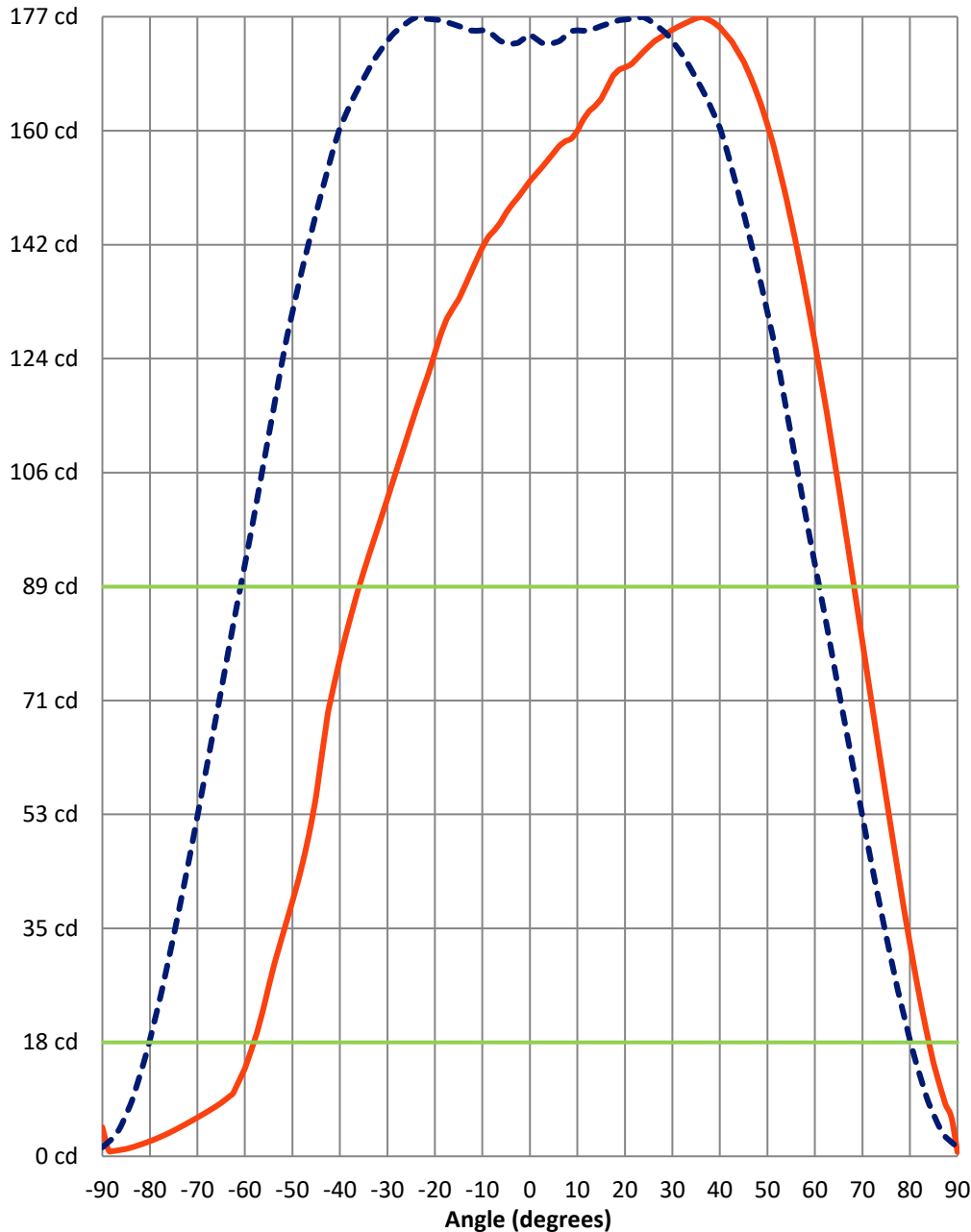
### Luminous Intensity Polar Plot



— Vertical Distribution Through -23.75-Deg    - - - Horizontal Distribution Through 36.25-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 121.8°  
 V Angle: 104.2°  
 Lumens: 417.3  
 Efficiency: 80.1%

**Field:**  
 H Angle: 160.3°  
 V Angle: 142.1°  
 Lumens: 512.2  
 Efficiency: 98.3%

**Spill:**  
 Lumens: 8.9  
 Efficiency: 1.7%

— Vertical Distribution through -23.75-Deg  
 - - Horizontal Distribution through 36.25-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6
88.75°	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.4
87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.5	2.6
86.25°	1.4	1.5	1.6	1.7	1.9	2.0	2.2	2.3	2.5	2.7	2.9
85°	1.4	1.5	1.7	1.8	1.9	2.1	2.3	2.5	2.7	2.9	3.1
83.75°	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.7	2.9	3.1	3.4
82.5°	1.4	1.6	1.8	1.9	2.1	2.3	2.6	2.8	3.1	3.4	3.6
81.25°	1.4	1.6	1.8	2.0	2.2	2.5	2.7	3.0	3.3	3.6	3.9
80°	1.4	1.6	1.8	2.1	2.3	2.6	2.9	3.2	3.5	3.8	4.1
78.75°	1.4	1.6	1.9	2.1	2.4	2.7	3.0	3.3	3.7	4.0	4.4
77.5°	1.4	1.7	1.9	2.2	2.5	2.8	3.1	3.5	3.9	4.2	4.9
76.25°	1.4	1.7	2.0	2.2	2.5	2.9	3.3	3.6	4.0	4.7	5.5
75°	1.4	1.7	2.0	2.3	2.6	3.0	3.4	3.8	4.3	5.2	6.1
73.75°	1.4	1.7	2.0	2.4	2.7	3.1	3.5	4.0	4.8	5.7	6.7
72.5°	1.4	1.7	2.1	2.4	2.8	3.2	3.6	4.3	5.3	6.3	7.3
71.25°	1.4	1.8	2.1	2.5	2.9	3.3	3.8	4.7	5.7	6.8	7.9
70°	1.4	1.8	2.2	2.6	3.0	3.4	4.0	5.1	6.2	7.3	8.5
68.75°	1.4	1.8	2.2	2.6	3.0	3.5	4.3	5.4	6.6	7.8	9.1
67.5°	1.4	1.8	2.2	2.7	3.1	3.6	4.6	5.8	7.1	8.3	9.6
66.25°	1.4	1.8	2.3	2.7	3.2	3.7	4.9	6.2	7.5	8.8	10.2
65°	1.4	1.9	2.3	2.8	3.3	4.0	5.2	6.6	7.9	9.3	11.0
63.75°	1.4	1.9	2.3	2.8	3.3	4.2	5.5	6.9	8.3	9.8	11.7
62.5°	1.4	1.9	2.4	2.9	3.4	4.5	5.8	7.3	8.8	10.4	12.4
61.25°	1.4	1.9	2.4	2.9	3.5	4.7	6.1	7.6	9.2	11.1	13.1
60°	1.4	1.9	2.5	3.0	3.6	5.0	6.4	8.0	9.6	11.7	13.9
58.75°	1.4	1.9	2.5	3.1	3.7	5.2	6.7	8.3	10.1	12.3	14.5
57.5°	1.4	2.0	2.5	3.1	3.9	5.4	7.0	8.6	10.6	12.9	15.2
56.25°	1.4	2.0	2.6	3.2	4.1	5.6	7.3	9.0	11.1	13.5	15.9
55°	1.4	2.0	2.6	3.2	4.3	5.9	7.6	9.3	11.7	14.1	16.5
53.75°	1.4	2.0	2.6	3.3	4.5	6.1	7.8	9.7	12.2	14.6	17.2
52.5°	1.4	2.0	2.7	3.3	4.6	6.3	8.1	10.2	12.6	15.2	17.9
51.25°	1.4	2.0	2.7	3.4	4.8	6.5	8.3	10.6	13.1	15.7	18.6
50°	1.4	2.1	2.7	3.4	5.0	6.7	8.6	11.0	13.6	16.3	19.3
48.75°	1.4	2.1	2.8	3.4	5.1	6.9	8.8	11.4	14.0	16.8	20.0
47.5°	1.4	2.1	2.8	3.5	5.3	7.1	9.1	11.7	14.5	17.3	20.6
46.25°	1.4	2.1	2.8	3.6	5.4	7.3	9.4	12.1	14.9	17.9	21.3
45°	1.4	2.1	2.8	3.8	5.6	7.5	9.7	12.5	15.3	18.4	21.9
43.75°	1.4	2.1	2.9	3.9	5.7	7.7	10.0	12.8	15.7	19.0	22.5
42.5°	1.4	2.1	2.9	4.0	5.9	7.8	10.3	13.2	16.1	19.5	23.1
41.25°	1.4	2.2	2.9	4.1	6.0	8.0	10.6	13.5	16.5	20.0	23.7
40°	1.4	2.2	2.9	4.2	6.1	8.2	10.9	13.8	16.9	20.5	24.2
38.75°	1.4	2.2	3.0	4.3	6.2	8.3	11.1	14.1	17.3	21.0	24.7
37.5°	1.4	2.2	3.0	4.4	6.4	8.5	11.4	14.4	17.7	21.4	25.2
36.25°	1.4	2.2	3.0	4.4	6.5	8.6	11.6	14.7	18.1	21.9	25.7
35°	1.4	2.2	3.0	4.5	6.6	8.8	11.9	14.9	18.5	22.3	26.3



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 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	1.4	2.2	3.1	4.6	6.7	9.0	12.1	15.2	18.9	22.7	26.7
32.5°	1.4	2.2	3.1	4.7	6.8	9.2	12.3	15.5	19.2	23.1	27.2
31.25°	1.4	2.2	3.1	4.8	6.9	9.4	12.5	15.7	19.5	23.4	27.6
30°	1.4	2.3	3.1	4.8	7.0	9.6	12.7	16.0	19.8	23.8	28.1
28.75°	1.4	2.3	3.1	4.9	7.1	9.7	12.9	16.3	20.1	24.1	28.4
27.5°	1.4	2.3	3.2	5.0	7.2	9.9	13.1	16.5	20.4	24.4	28.8
26.25°	1.4	2.3	3.2	5.0	7.2	10.0	13.3	16.8	20.7	24.7	29.2
25°	1.4	2.3	3.2	5.1	7.3	10.2	13.5	17.0	20.9	25.0	29.5
23.75°	1.4	2.3	3.2	5.1	7.4	10.3	13.6	17.2	21.2	25.3	29.8
22.5°	1.4	2.3	3.2	5.2	7.5	10.4	13.7	17.4	21.4	25.6	30.0
21.25°	1.4	2.3	3.2	5.2	7.5	10.5	13.9	17.6	21.6	25.8	30.3
20°	1.4	2.3	3.2	5.3	7.6	10.6	14.0	17.7	21.8	26.0	30.6
18.75°	1.4	2.3	3.2	5.3	7.6	10.7	14.1	17.9	21.9	26.2	30.8
17.5°	1.4	2.3	3.3	5.4	7.7	10.8	14.2	18.0	22.1	26.4	31.0
16.25°	1.4	2.3	3.3	5.4	7.7	10.9	14.3	18.2	22.2	26.6	31.2
15°	1.4	2.3	3.3	5.4	7.7	11.0	14.4	18.3	22.3	26.7	31.3
13.75°	1.4	2.3	3.3	5.5	7.8	11.0	14.5	18.4	22.4	26.9	31.5
12.5°	1.4	2.3	3.3	5.5	7.8	11.1	14.5	18.5	22.5	27.0	31.6
11.25°	1.4	2.3	3.3	5.5	7.8	11.2	14.6	18.5	22.6	27.1	31.6
10°	1.4	2.3	3.3	5.5	7.8	11.2	14.6	18.6	22.6	27.1	31.7
8.75°	1.4	2.3	3.3	5.5	7.8	11.2	14.7	18.6	22.6	27.2	31.7
7.5°	1.4	2.4	3.3	5.6	7.9	11.2	14.7	18.6	22.7	27.2	31.8
6.25°	1.4	2.4	3.3	5.6	7.9	11.3	14.7	18.7	22.6	27.2	31.8
5°	1.4	2.4	3.3	5.6	7.9	11.3	14.7	18.6	22.6	27.2	31.7
3.75°	1.4	2.4	3.3	5.6	7.8	11.3	14.7	18.6	22.6	27.1	31.7
2.5°	1.4	2.4	3.3	5.6	7.8	11.2	14.7	18.6	22.5	27.1	31.6
1.25°	1.4	2.4	3.3	5.6	7.8	11.2	14.6	18.6	22.5	27.0	31.5
0°	1.4	2.4	3.3	5.6	7.8	11.2	14.6	18.5	22.4	26.9	31.4
-1.25°	1.4	2.3	3.3	5.5	7.8	11.2	14.6	18.4	22.3	26.8	31.3
-2.5°	1.4	2.3	3.3	5.5	7.8	11.1	14.5	18.4	22.2	26.7	31.1
-3.75°	1.4	2.3	3.3	5.5	7.8	11.1	14.5	18.3	22.1	26.5	30.9
-5°	1.4	2.3	3.3	5.5	7.7	11.1	14.4	18.2	22.0	26.4	30.7
-6.25°	1.4	2.3	3.3	5.5	7.7	11.0	14.3	18.1	21.9	26.2	30.4
-7.5°	1.4	2.3	3.3	5.5	7.7	10.9	14.2	18.0	21.7	26.0	30.2
-8.75°	1.4	2.3	3.3	5.4	7.6	10.9	14.2	17.9	21.6	25.7	29.9
-10°	1.4	2.3	3.2	5.4	7.6	10.8	14.1	17.7	21.4	25.5	29.6
-11.25°	1.4	2.3	3.2	5.4	7.5	10.7	13.9	17.6	21.2	25.3	29.3
-12.5°	1.4	2.3	3.2	5.3	7.5	10.6	13.8	17.4	21.0	25.0	29.0
-13.75°	1.4	2.3	3.2	5.3	7.4	10.5	13.7	17.2	20.8	24.7	28.7
-15°	1.4	2.3	3.2	5.3	7.4	10.4	13.6	17.0	20.6	24.4	28.3
-16.25°	1.4	2.3	3.2	5.2	7.3	10.3	13.4	16.9	20.3	24.1	27.9
-17.5°	1.4	2.3	3.2	5.2	7.3	10.2	13.3	16.6	20.1	23.8	27.6
-18.75°	1.4	2.3	3.2	5.1	7.2	10.1	13.1	16.4	19.8	23.4	27.2
-20°	1.4	2.3	3.1	5.1	7.1	9.9	12.9	16.2	19.6	23.1	26.7
-21.25°	1.4	2.3	3.1	5.0	7.0	9.8	12.8	16.0	19.3	22.7	26.3





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	1.4	2.3	3.1	4.9	7.0	9.6	12.6	15.7	19.0	22.3	25.9
-23.75°	1.4	2.3	3.1	4.9	6.9	9.5	12.4	15.4	18.7	22.0	25.4
-25°	1.4	2.2	3.1	4.8	6.8	9.3	12.2	15.2	18.4	21.6	25.0
-26.25°	1.4	2.2	3.0	4.7	6.7	9.2	12.0	14.9	18.0	21.1	24.5
-27.5°	1.4	2.2	3.0	4.7	6.6	9.0	11.8	14.6	17.7	20.7	24.0
-28.75°	1.4	2.2	3.0	4.6	6.5	8.8	11.6	14.3	17.4	20.3	23.5
-30°	1.4	2.2	3.0	4.5	6.4	8.6	11.3	14.0	17.0	19.9	23.0
-31.25°	1.4	2.2	3.0	4.4	6.3	8.4	11.1	13.7	16.6	19.5	22.4
-32.5°	1.4	2.2	2.9	4.4	6.2	8.2	10.9	13.4	16.2	19.0	21.9
-33.75°	1.4	2.2	2.9	4.3	6.1	8.0	10.6	13.1	15.9	18.6	21.4
-35°	1.4	2.2	2.9	4.2	6.0	7.8	10.4	12.8	15.5	18.1	20.8
-36.25°	1.4	2.1	2.9	4.1	5.8	7.6	10.1	12.5	15.1	17.7	20.3
-37.5°	1.4	2.1	2.8	4.0	5.7	7.4	9.8	12.2	14.6	17.2	19.7
-38.75°	1.4	2.1	2.8	3.9	5.6	7.3	9.6	11.9	14.2	16.7	19.2
-40°	1.4	2.1	2.8	3.8	5.5	7.1	9.3	11.6	13.8	16.3	18.6
-41.25°	1.4	2.1	2.8	3.7	5.3	6.9	9.0	11.2	13.3	15.8	18.1
-42.5°	1.4	2.1	2.7	3.6	5.2	6.8	8.7	10.9	13.0	15.3	17.5
-43.75°	1.4	2.1	2.7	3.5	5.1	6.6	8.4	10.5	12.6	14.7	17.0
-45°	1.4	2.1	2.7	3.4	4.9	6.4	8.1	10.2	12.2	14.2	16.4
-46.25°	1.4	2.0	2.6	3.3	4.8	6.2	7.8	9.8	11.8	13.7	15.8
-47.5°	1.4	2.0	2.6	3.2	4.6	6.1	7.5	9.5	11.4	13.2	15.2
-48.75°	1.4	2.0	2.6	3.1	4.5	5.9	7.2	9.1	10.9	12.7	14.6
-50°	1.4	2.0	2.5	3.1	4.3	5.7	7.0	8.7	10.5	12.2	14.0
-51.25°	1.4	2.0	2.5	3.0	4.2	5.5	6.8	8.4	10.1	11.7	13.4
-52.5°	1.4	2.0	2.5	3.0	4.0	5.3	6.6	8.0	9.7	11.3	12.8
-53.75°	1.4	1.9	2.5	2.9	3.9	5.1	6.3	7.6	9.2	10.8	12.2
-55°	1.4	1.9	2.4	2.9	3.7	4.9	6.1	7.2	8.8	10.3	11.7
-56.25°	1.4	1.9	2.4	2.8	3.5	4.7	5.9	7.0	8.4	9.8	11.2
-57.5°	1.4	1.9	2.4	2.8	3.4	4.5	5.6	6.7	7.9	9.3	10.7
-58.75°	1.4	1.9	2.3	2.7	3.2	4.3	5.4	6.4	7.5	8.9	10.1
-60°	1.4	1.9	2.3	2.7	3.0	4.1	5.1	6.1	7.1	8.4	9.6
-61.25°	1.4	1.8	2.3	2.6	3.0	3.9	4.9	5.8	6.8	7.9	9.1
-62.5°	1.4	1.8	2.2	2.6	2.9	3.7	4.6	5.6	6.4	7.4	8.5
-63.75°	1.4	1.8	2.2	2.5	2.8	3.5	4.4	5.3	6.1	6.9	8.0
-65°	1.4	1.8	2.1	2.5	2.8	3.2	4.1	5.0	5.8	6.6	7.4
-66.25°	1.4	1.8	2.1	2.4	2.7	3.0	3.9	4.7	5.5	6.2	6.9
-67.5°	1.4	1.8	2.1	2.4	2.6	2.9	3.6	4.4	5.1	5.8	6.5
-68.75°	1.4	1.7	2.0	2.3	2.6	2.8	3.4	4.1	4.8	5.5	6.1
-70°	1.4	1.7	2.0	2.3	2.5	2.8	3.1	3.8	4.5	5.1	5.7
-71.25°	1.4	1.7	2.0	2.2	2.4	2.7	2.9	3.5	4.1	4.7	5.3
-72.5°	1.4	1.7	1.9	2.2	2.4	2.6	2.8	3.2	3.8	4.4	4.9
-73.75°	1.4	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.5	4.0	4.5
-75°	1.4	1.6	1.9	2.1	2.2	2.4	2.6	2.9	3.1	3.6	4.1
-76.25°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.2	3.7
-77.5°	1.4	1.6	1.8	1.9	2.1	2.3	2.5	2.6	2.8	3.0	3.3



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CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7	2.8	3.0
-80°	1.4	1.6	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.8
-81.25°	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
-82.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5
-83.75°	1.4	1.5	1.6	1.7	1.7	1.9	2.0	2.1	2.1	2.2	2.3
-85°	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.2
-86.25°	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9
-88.75°	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
-90°	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.1



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
88.75°	2.5	2.6	2.7	2.8	2.9	3.0	3.2	3.3	3.5	3.6	3.7
87.5°	2.8	2.9	3.1	3.2	3.4	3.5	3.7	3.9	4.1	4.3	4.4
86.25°	3.1	3.3	3.4	3.6	3.8	3.9	4.2	4.4	4.7	5.0	5.2
85°	3.4	3.6	3.8	4.0	4.2	4.4	4.7	5.0	5.3	5.7	5.9
83.75°	3.6	3.9	4.1	4.4	4.6	4.8	5.2	5.5	6.0	6.5	7.0
82.5°	3.9	4.2	4.5	4.7	5.0	5.3	6.0	6.6	7.3	7.9	8.4
81.25°	4.2	4.5	4.8	5.3	5.8	6.4	7.1	7.8	8.5	9.3	9.9
80°	4.5	5.0	5.6	6.2	6.8	7.5	8.2	9.0	9.8	10.6	11.4
78.75°	5.0	5.7	6.4	7.1	7.8	8.6	9.4	10.2	11.1	12.0	12.8
77.5°	5.7	6.5	7.3	8.0	8.8	9.6	10.5	11.4	12.4	13.6	14.8
76.25°	6.4	7.2	8.1	8.9	9.8	10.7	11.6	12.9	14.2	15.5	16.8
75°	7.0	8.0	8.9	9.8	10.8	11.8	13.1	14.5	15.9	17.4	18.8
73.75°	7.7	8.7	9.7	10.7	11.9	13.2	14.6	16.1	17.7	19.2	20.8
72.5°	8.4	9.5	10.6	11.8	13.2	14.6	16.1	17.8	19.4	21.1	22.9
71.25°	9.0	10.2	11.5	13.0	14.5	16.0	17.6	19.4	21.1	23.1	25.1
70°	9.7	11.0	12.6	14.1	15.7	17.4	19.1	20.9	23.0	25.2	27.4
68.75°	10.3	11.9	13.6	15.3	17.0	18.8	20.6	22.7	25.0	27.2	29.6
67.5°	11.1	12.9	14.7	16.4	18.3	20.1	22.2	24.5	26.9	29.3	31.7
66.25°	12.0	13.8	15.7	17.6	19.5	21.7	23.9	26.3	28.7	31.3	34.0
65°	12.8	14.8	16.7	18.7	20.9	23.2	25.5	28.0	30.6	33.4	36.3
63.75°	13.7	15.7	17.7	19.9	22.3	24.7	27.1	29.7	32.5	35.5	38.6
62.5°	14.5	16.6	18.7	21.2	23.7	26.2	28.7	31.4	34.4	37.6	40.9
61.25°	15.3	17.4	19.8	22.4	25.0	27.6	30.3	33.1	36.3	39.6	43.1
60°	16.1	18.3	21.0	23.7	26.4	29.1	32.0	34.9	38.2	41.6	45.2
58.75°	16.8	19.3	22.1	24.9	27.7	30.6	33.6	36.6	39.9	43.5	47.2
57.5°	17.6	20.3	23.2	26.1	29.0	32.1	35.2	38.4	41.7	45.4	49.2
56.25°	18.4	21.3	24.2	27.3	30.4	33.6	36.8	40.0	43.4	47.3	51.2
55°	19.2	22.2	25.3	28.4	31.7	35.0	38.4	41.7	45.2	49.1	53.1
53.75°	20.1	23.2	26.3	29.6	33.1	36.5	39.9	43.4	47.0	50.9	55.0
52.5°	20.9	24.1	27.3	30.8	34.4	37.9	41.4	45.1	48.8	52.6	56.9
51.25°	21.7	25.0	28.3	31.9	35.6	39.2	43.0	46.7	50.5	54.4	58.7
50°	22.5	25.8	29.3	33.1	36.8	40.6	44.5	48.3	52.2	56.2	60.5
48.75°	23.3	26.7	30.3	34.1	38.0	42.0	45.9	49.9	53.9	58.0	62.3
47.5°	24.0	27.5	31.3	35.2	39.2	43.3	47.3	51.4	55.5	59.7	64.0
46.25°	24.7	28.4	32.3	36.2	40.3	44.6	48.7	52.9	57.1	61.4	65.8
45°	25.4	29.2	33.2	37.2	41.4	45.8	50.1	54.4	58.7	63.0	67.5
43.75°	26.1	30.0	34.1	38.2	42.5	46.9	51.4	55.8	60.2	64.6	69.2
42.5°	26.8	30.8	34.9	39.1	43.5	48.0	52.6	57.1	61.6	66.1	70.8
41.25°	27.5	31.6	35.8	40.1	44.5	49.1	53.8	58.5	63.0	67.5	72.3
40°	28.1	32.3	36.6	41.0	45.5	50.1	54.9	59.7	64.3	68.9	73.7
38.75°	28.8	33.0	37.3	41.8	46.4	51.1	55.9	60.8	65.5	70.2	75.0
37.5°	29.4	33.7	38.1	42.6	47.3	52.0	56.9	61.8	66.6	71.4	76.3
36.25°	30.0	34.3	38.8	43.4	48.1	52.9	57.9	62.8	67.7	72.5	77.6
35°	30.5	34.9	39.5	44.1	48.9	53.8	58.8	63.7	68.6	73.6	78.8



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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°	31.1	35.5	40.1	44.8	49.6	54.6	59.6	64.6	69.6	74.7	80.0
32.5°	31.6	36.1	40.7	45.5	50.3	55.3	60.4	65.4	70.4	75.7	81.1
31.25°	32.1	36.6	41.3	46.1	51.0	56.1	61.1	66.2	71.3	76.6	82.0
30°	32.5	37.1	41.8	46.6	51.6	56.7	61.8	66.9	72.1	77.4	82.8
28.75°	32.9	37.6	42.3	47.2	52.2	57.3	62.5	67.6	72.8	78.1	83.4
27.5°	33.3	38.0	42.8	47.7	52.7	57.9	63.1	68.2	73.4	78.8	84.0
26.25°	33.7	38.4	43.2	48.1	53.2	58.4	63.6	68.8	74.0	79.4	84.5
25°	34.0	38.8	43.6	48.6	53.7	58.8	64.1	69.3	74.5	79.8	85.0
23.75°	34.3	39.1	43.9	48.9	54.0	59.2	64.5	69.7	75.0	80.2	85.4
22.5°	34.6	39.4	44.2	49.3	54.4	59.6	64.8	70.1	75.3	80.6	85.7
21.25°	34.9	39.7	44.5	49.6	54.7	59.9	65.1	70.3	75.6	80.8	86.0
20°	35.2	39.9	44.8	49.8	55.0	60.1	65.4	70.6	75.8	81.0	86.2
18.75°	35.4	40.1	45.0	50.1	55.2	60.3	65.6	70.7	76.0	81.1	86.3
17.5°	35.6	40.4	45.2	50.2	55.3	60.5	65.7	70.8	76.0	81.2	86.4
16.25°	35.8	40.5	45.4	50.4	55.5	60.6	65.8	70.9	76.1	81.2	86.3
15°	36.0	40.7	45.6	50.5	55.5	60.7	65.8	70.9	76.0	81.1	86.2
13.75°	36.1	40.8	45.7	50.7	55.7	60.7	65.8	70.9	75.9	81.0	86.0
12.5°	36.2	40.9	45.8	50.7	55.7	60.8	65.7	70.8	75.8	80.8	85.8
11.25°	36.3	41.0	45.9	50.8	55.8	60.8	65.7	70.7	75.6	80.6	85.5
10°	36.4	41.0	45.9	50.8	55.8	60.8	65.7	70.6	75.5	80.4	85.2
8.75°	36.4	41.0	45.9	50.8	55.7	60.7	65.6	70.5	75.3	80.2	84.9
7.5°	36.4	41.0	45.8	50.7	55.7	60.6	65.5	70.3	75.1	79.9	84.6
6.25°	36.4	41.0	45.8	50.6	55.5	60.5	65.3	70.0	74.8	79.6	84.2
5°	36.3	40.9	45.7	50.5	55.4	60.3	65.0	69.8	74.5	79.2	83.8
3.75°	36.2	40.8	45.5	50.3	55.2	60.1	64.8	69.4	74.1	78.8	83.3
2.5°	36.1	40.6	45.4	50.1	55.0	59.8	64.4	69.1	73.7	78.4	82.8
1.25°	36.0	40.5	45.2	49.9	54.7	59.5	64.1	68.7	73.3	77.9	82.2
0°	35.9	40.3	45.0	49.6	54.4	59.2	63.7	68.2	72.8	77.3	81.6
-1.25°	35.7	40.1	44.7	49.3	54.0	58.8	63.2	67.7	72.1	76.6	80.8
-2.5°	35.5	39.8	44.4	49.0	53.6	58.3	62.7	67.1	71.5	75.9	80.1
-3.75°	35.2	39.6	44.1	48.6	53.2	57.8	62.2	66.5	70.8	75.1	79.2
-5°	35.0	39.3	43.7	48.2	52.8	57.3	61.6	65.8	70.1	74.3	78.3
-6.25°	34.7	39.0	43.4	47.8	52.3	56.7	61.0	65.1	69.3	73.4	77.4
-7.5°	34.4	38.6	43.0	47.3	51.7	56.1	60.3	64.4	68.5	72.5	76.5
-8.75°	34.1	38.3	42.6	46.8	51.2	55.5	59.6	63.6	67.6	71.6	75.5
-10°	33.8	37.9	42.1	46.3	50.6	54.9	58.9	62.9	66.8	70.7	74.4
-11.25°	33.4	37.5	41.6	45.8	50.0	54.2	58.2	62.0	65.9	69.6	73.3
-12.5°	33.0	37.1	41.1	45.2	49.3	53.5	57.4	61.2	64.9	68.6	72.2
-13.75°	32.6	36.6	40.6	44.6	48.7	52.7	56.6	60.3	63.9	67.5	71.0
-15°	32.2	36.1	40.1	44.0	48.0	51.9	55.7	59.3	62.9	66.4	69.8
-16.25°	31.8	35.7	39.5	43.4	47.2	51.1	54.8	58.3	61.8	65.2	68.6
-17.5°	31.3	35.1	38.9	42.7	46.5	50.2	53.9	57.3	60.7	64.1	67.3
-18.75°	30.9	34.6	38.3	42.0	45.7	49.4	53.0	56.3	59.6	62.9	66.0
-20°	30.4	34.0	37.7	41.3	44.9	48.5	52.0	55.3	58.5	61.7	64.7
-21.25°	29.9	33.5	37.0	40.6	44.1	47.6	51.0	54.2	57.4	60.4	63.4



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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°	29.3	32.9	36.3	39.8	43.2	46.6	50.0	53.1	56.2	59.2	62.1
-23.75°	28.8	32.3	35.6	39.0	42.4	45.7	48.9	52.0	55.0	58.0	60.8
-25°	28.2	31.6	34.9	38.2	41.5	44.7	47.9	50.9	53.9	56.7	59.5
-26.25°	27.7	31.0	34.2	37.4	40.6	43.8	46.8	49.8	52.7	55.5	58.2
-27.5°	27.1	30.3	33.5	36.6	39.7	42.8	45.8	48.8	51.6	54.2	56.8
-28.75°	26.6	29.7	32.7	35.8	38.8	41.8	44.8	47.7	50.4	53.0	55.5
-30°	26.0	29.0	32.0	34.9	37.9	40.8	43.7	46.5	49.2	51.7	54.1
-31.25°	25.4	28.3	31.2	34.1	36.9	39.9	42.7	45.4	48.1	50.5	52.7
-32.5°	24.8	27.6	30.5	33.2	36.1	38.9	41.6	44.3	46.9	49.2	51.4
-33.75°	24.2	26.9	29.7	32.4	35.1	37.9	40.5	43.1	45.6	48.0	50.0
-35°	23.6	26.2	28.9	31.5	34.2	36.9	39.4	41.9	44.4	46.7	48.7
-36.25°	23.0	25.5	28.1	30.7	33.3	35.9	38.3	40.7	43.1	45.4	47.3
-37.5°	22.3	24.8	27.3	29.9	32.4	34.9	37.3	39.5	41.9	44.0	45.9
-38.75°	21.7	24.1	26.5	29.1	31.5	33.9	36.2	38.3	40.5	42.6	44.5
-40°	21.1	23.4	25.7	28.2	30.6	32.9	35.1	37.2	39.2	41.2	43.1
-41.25°	20.4	22.7	25.0	27.3	29.7	31.9	34.1	36.1	37.9	39.8	41.6
-42.5°	19.8	22.0	24.2	26.5	28.8	30.9	33.0	34.9	36.7	38.5	40.2
-43.75°	19.1	21.3	23.5	25.6	27.8	29.9	32.0	33.7	35.4	37.1	38.7
-45°	18.5	20.6	22.7	24.8	26.9	28.9	30.8	32.6	34.2	35.8	37.3
-46.25°	17.8	19.9	21.9	23.9	25.9	27.9	29.7	31.4	32.9	34.5	35.9
-47.5°	17.2	19.1	21.1	23.1	25.0	26.9	28.6	30.2	31.7	33.1	34.5
-48.75°	16.6	18.4	20.3	22.2	24.0	25.8	27.5	29.0	30.4	31.8	33.1
-50°	15.9	17.7	19.5	21.3	23.1	24.8	26.3	27.8	29.2	30.5	31.8
-51.25°	15.3	17.0	18.7	20.5	22.2	23.7	25.2	26.6	27.9	29.2	30.4
-52.5°	14.6	16.3	17.9	19.6	21.2	22.7	24.1	25.5	26.7	27.9	29.1
-53.75°	13.9	15.6	17.1	18.7	20.2	21.7	23.0	24.3	25.5	26.6	27.7
-55°	13.3	14.9	16.4	17.8	19.3	20.6	21.9	23.1	24.3	25.4	26.4
-56.25°	12.6	14.1	15.6	17.0	18.3	19.6	20.8	21.9	23.0	24.1	25.1
-57.5°	12.0	13.4	14.8	16.1	17.3	18.6	19.7	20.8	21.8	22.9	23.8
-58.75°	11.4	12.7	14.0	15.3	16.4	17.5	18.7	19.7	20.7	21.6	22.5
-60°	10.8	12.0	13.3	14.5	15.5	16.5	17.6	18.6	19.5	20.4	21.3
-61.25°	10.2	11.3	12.5	13.6	14.6	15.6	16.5	17.5	18.4	19.2	20.0
-62.5°	9.6	10.7	11.7	12.8	13.8	14.7	15.5	16.4	17.2	18.0	18.8
-63.75°	9.0	10.1	11.0	11.9	12.9	13.7	14.5	15.3	16.1	16.9	17.6
-65°	8.5	9.4	10.4	11.2	12.0	12.8	13.6	14.3	15.0	15.7	16.3
-66.25°	7.9	8.8	9.7	10.4	11.1	11.9	12.6	13.3	13.9	14.5	15.1
-67.5°	7.3	8.1	9.0	9.7	10.3	10.9	11.6	12.3	12.9	13.5	14.0
-68.75°	6.7	7.5	8.3	9.0	9.6	10.1	10.6	11.3	11.9	12.4	12.9
-70°	6.3	6.8	7.6	8.2	8.8	9.3	9.8	10.3	10.8	11.3	11.8
-71.25°	5.8	6.3	6.9	7.5	8.1	8.6	9.0	9.4	9.8	10.3	10.7
-72.5°	5.4	5.9	6.3	6.8	7.3	7.8	8.2	8.6	9.0	9.3	9.6
-73.75°	5.0	5.4	5.8	6.1	6.5	7.0	7.4	7.8	8.1	8.4	8.7
-75°	4.5	5.0	5.3	5.6	5.9	6.2	6.6	6.9	7.3	7.5	7.8
-76.25°	4.1	4.5	4.8	5.1	5.4	5.6	5.8	6.1	6.4	6.7	6.9
-77.5°	3.7	4.0	4.3	4.6	4.9	5.1	5.3	5.4	5.5	5.8	6.0



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CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	3.2	3.6	3.8	4.1	4.3	4.5	4.7	4.8	5.0	5.1	5.1
-80°	2.9	3.1	3.4	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.6
-81.25°	2.8	2.9	2.9	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.0
-82.5°	2.6	2.7	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-83.75°	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.8
-85°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-86.25°	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
-87.5°	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-88.75°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
-90°	2.2	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	3.0



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4
88.75°	3.8	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.8	4.9	5.1
87.5°	4.6	4.7	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.1	6.3
86.25°	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.8	7.0	7.3	7.6
85°	6.1	6.3	6.5	6.9	7.3	7.7	8.1	8.5	9.0	9.4	9.8
83.75°	7.4	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3
82.5°	9.0	9.5	10.1	10.7	11.3	11.8	12.4	13.0	13.6	14.1	14.7
81.25°	10.6	11.2	11.9	12.6	13.2	13.9	14.6	15.4	16.2	17.0	17.8
80°	12.1	12.9	13.7	14.6	15.5	16.5	17.4	18.4	19.3	20.2	21.1
78.75°	13.9	14.9	16.0	17.1	18.2	19.2	20.3	21.4	22.4	23.4	24.5
77.5°	16.0	17.2	18.4	19.6	20.8	22.0	23.1	24.3	25.5	26.8	28.1
76.25°	18.1	19.4	20.8	22.1	23.4	24.7	26.2	27.7	29.1	30.6	32.0
75°	20.2	21.7	23.1	24.7	26.3	27.9	29.5	31.1	32.7	34.3	35.8
73.75°	22.3	24.0	25.8	27.6	29.3	31.0	32.8	34.6	36.3	38.0	39.8
72.5°	24.7	26.6	28.5	30.4	32.3	34.2	36.0	38.0	40.0	42.0	43.9
71.25°	27.1	29.1	31.2	33.2	35.2	37.4	39.5	41.7	43.8	45.9	48.0
70°	29.5	31.6	33.8	36.1	38.4	40.7	43.0	45.3	47.6	49.8	52.1
68.75°	31.8	34.1	36.6	39.1	41.5	44.0	46.4	48.9	51.3	53.7	56.2
67.5°	34.3	36.9	39.5	42.0	44.6	47.2	49.8	52.5	55.1	57.7	60.2
66.25°	36.8	39.6	42.3	45.0	47.7	50.5	53.2	56.0	58.8	61.5	64.2
65°	39.4	42.2	45.1	47.9	50.8	53.7	56.6	59.6	62.5	65.4	68.3
63.75°	41.9	44.9	47.8	50.8	53.8	56.9	60.0	63.1	66.2	69.3	72.3
62.5°	44.3	47.4	50.4	53.6	56.8	60.1	63.3	66.6	69.9	73.1	76.2
61.25°	46.6	49.8	53.0	56.3	59.7	63.2	66.6	70.0	73.4	76.9	80.1
60°	48.7	52.2	55.6	59.0	62.6	66.3	69.8	73.4	76.9	80.5	83.9
58.75°	50.9	54.5	58.0	61.8	65.5	69.3	73.0	76.7	80.3	84.0	87.6
57.5°	53.0	56.8	60.6	64.4	68.3	72.2	76.1	79.9	83.7	87.5	91.2
56.25°	55.0	59.1	63.1	67.0	71.1	75.1	79.1	83.0	87.0	90.8	94.7
55°	57.1	61.3	65.5	69.6	73.7	77.9	82.1	86.1	90.1	94.0	98.0
53.75°	59.2	63.5	67.9	72.1	76.3	80.6	84.9	89.0	93.1	97.1	101.3
52.5°	61.2	65.6	70.1	74.4	78.8	83.2	87.5	91.8	96.0	100.2	104.3
51.25°	63.2	67.7	72.2	76.8	81.2	85.7	90.1	94.5	98.8	103.0	107.2
50°	65.1	69.7	74.3	79.0	83.5	88.1	92.6	97.1	101.4	105.7	110.0
48.75°	66.9	71.7	76.4	81.1	85.8	90.4	95.0	99.5	103.9	108.3	112.7
47.5°	68.7	73.6	78.4	83.1	88.0	92.7	97.3	101.8	106.3	110.9	115.0
46.25°	70.5	75.4	80.2	85.1	90.0	94.9	99.5	104.1	108.7	113.0	117.3
45°	72.2	77.2	82.0	86.9	92.0	96.9	101.5	106.2	110.7	115.1	119.5
43.75°	73.9	78.8	83.6	88.6	93.7	98.7	103.6	108.2	112.6	117.1	121.5
42.5°	75.5	80.3	85.2	90.3	95.3	100.4	105.5	110.0	114.5	119.0	123.3
41.25°	77.0	81.7	86.7	91.8	96.9	102.1	107.1	111.7	116.3	120.8	125.1
40°	78.5	83.2	88.0	93.2	98.3	103.5	108.5	113.3	117.9	122.5	126.9
38.75°	79.9	84.7	89.4	94.5	99.7	104.8	109.8	114.8	119.6	124.2	128.7
37.5°	81.3	86.1	90.8	95.7	100.9	106.0	111.0	116.1	121.2	125.8	130.1
36.25°	82.6	87.4	92.2	97.0	102.0	107.1	112.2	117.2	122.4	127.3	131.4
35°	83.9	88.7	93.4	98.3	103.0	108.2	113.2	118.3	123.5	128.3	132.7





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	85.1	89.8	94.6	99.4	104.2	109.1	114.1	119.2	124.3	129.1	133.9
32.5°	86.1	90.9	95.7	100.5	105.3	110.0	114.9	120.0	124.9	129.7	134.5
31.25°	87.1	91.9	96.7	101.5	106.4	111.0	115.6	120.6	125.4	130.3	134.9
30°	87.8	92.8	97.6	102.5	107.3	111.9	116.6	121.0	125.9	130.6	135.2
28.75°	88.5	93.5	98.5	103.4	108.2	112.8	117.4	121.7	126.3	130.8	135.4
27.5°	89.1	94.1	99.2	104.2	108.9	113.6	118.1	122.5	126.8	131.0	135.5
26.25°	89.6	94.7	99.8	104.9	109.6	114.4	118.8	123.2	127.3	131.3	135.4
25°	90.1	95.2	100.3	105.3	110.3	115.0	119.4	123.8	127.8	131.8	135.5
23.75°	90.5	95.6	100.7	105.7	110.7	115.5	119.9	124.2	128.2	132.2	135.8
22.5°	90.9	95.9	101.0	105.9	110.9	115.7	120.4	124.6	128.6	132.5	136.0
21.25°	91.1	96.2	101.2	106.1	111.1	115.8	120.4	124.8	128.9	132.6	136.1
20°	91.3	96.3	101.3	106.3	111.1	115.8	120.4	124.7	129.0	132.7	136.2
18.75°	91.4	96.5	101.4	106.3	111.1	115.7	120.2	124.5	128.7	132.5	136.3
17.5°	91.4	96.4	101.4	106.3	110.9	115.5	119.9	124.2	128.2	132.0	135.7
16.25°	91.3	96.3	101.2	106.1	110.7	115.3	119.6	123.8	127.7	131.5	135.1
15°	91.2	96.1	101.0	105.8	110.4	115.0	119.2	123.4	127.2	130.9	134.4
13.75°	91.0	95.9	100.6	105.4	109.9	114.4	118.6	122.9	126.6	130.3	133.6
12.5°	90.7	95.5	100.3	104.9	109.3	113.7	117.9	122.0	125.8	129.5	132.8
11.25°	90.4	95.1	99.8	104.3	108.7	113.0	117.1	121.1	124.8	128.4	131.8
10°	90.0	94.7	99.3	103.7	108.0	112.1	116.2	120.1	123.8	127.4	130.7
8.75°	89.6	94.2	98.7	103.0	107.2	111.3	115.3	119.1	122.8	126.2	129.5
7.5°	89.3	93.8	98.2	102.4	106.5	110.3	114.3	118.0	121.6	125.0	128.3
6.25°	88.8	93.3	97.7	101.8	105.8	109.6	113.4	117.0	120.5	123.8	127.0
5°	88.4	92.7	97.1	101.1	105.2	108.9	112.6	116.1	119.6	122.8	125.9
3.75°	87.8	92.1	96.4	100.4	104.4	108.1	111.7	115.2	118.7	121.7	124.8
2.5°	87.2	91.5	95.7	99.7	103.6	107.2	110.8	114.2	117.7	120.6	123.6
1.25°	86.6	90.8	94.9	98.9	102.8	106.3	109.8	113.2	116.6	119.5	122.4
0°	85.9	90.0	94.1	98.0	101.9	105.3	108.7	112.1	115.5	118.3	121.1
-1.25°	85.1	89.1	93.2	97.0	100.8	104.2	107.5	110.8	114.1	116.9	119.7
-2.5°	84.2	88.2	92.2	95.9	99.7	103.0	106.3	109.5	112.7	115.5	118.2
-3.75°	83.3	87.2	91.1	94.8	98.5	101.7	105.0	108.2	111.3	114.0	116.7
-5°	82.3	86.2	90.0	93.6	97.2	100.5	103.7	106.7	109.8	112.5	115.2
-6.25°	81.4	85.1	88.9	92.4	95.9	99.1	102.3	105.3	108.2	110.9	113.5
-7.5°	80.3	84.0	87.7	91.2	94.6	97.8	100.8	103.7	106.5	109.1	111.7
-8.75°	79.2	82.9	86.5	89.8	93.1	96.2	99.2	102.0	104.8	107.3	109.8
-10°	78.1	81.7	85.1	88.4	91.6	94.6	97.5	100.3	102.9	105.5	107.8
-11.25°	76.9	80.4	83.7	87.0	90.1	93.0	95.8	98.5	101.1	103.6	105.9
-12.5°	75.7	79.1	82.3	85.5	88.5	91.4	94.1	96.7	99.2	101.6	103.9
-13.75°	74.4	77.7	80.9	84.0	86.9	89.7	92.3	94.9	97.3	99.7	101.9
-15°	73.1	76.4	79.4	82.4	85.2	88.0	90.5	93.1	95.4	97.7	99.8
-16.25°	71.8	75.0	77.9	80.8	83.5	86.2	88.8	91.2	93.5	95.6	97.7
-17.5°	70.4	73.5	76.4	79.2	81.9	84.5	87.0	89.3	91.5	93.6	95.6
-18.75°	69.1	72.1	74.9	77.6	80.3	82.8	85.2	87.4	89.6	91.5	93.5
-20°	67.7	70.6	73.4	76.0	78.6	81.0	83.3	85.5	87.5	89.5	91.4
-21.25°	66.3	69.2	71.9	74.4	76.9	79.2	81.4	83.5	85.5	87.4	89.3





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 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	65.0	67.7	70.3	72.8	75.1	77.4	79.5	81.6	83.5	85.4	87.1
-23.75°	63.6	66.2	68.8	71.1	73.4	75.6	77.7	79.6	81.5	83.3	85.0
-25°	62.2	64.7	67.2	69.5	71.6	73.8	75.8	77.7	79.5	81.2	82.8
-26.25°	60.7	63.2	65.6	67.8	69.9	71.9	73.9	75.7	77.4	79.0	80.6
-27.5°	59.3	61.7	64.0	66.1	68.2	70.1	72.0	73.7	75.3	76.9	78.5
-28.75°	57.9	60.2	62.4	64.5	66.4	68.3	70.0	71.7	73.3	74.8	76.3
-30°	56.4	58.6	60.8	62.8	64.7	66.4	68.1	69.7	71.2	72.7	74.1
-31.25°	54.9	57.1	59.1	61.1	62.9	64.6	66.2	67.8	69.2	70.6	71.8
-32.5°	53.5	55.5	57.5	59.4	61.1	62.7	64.3	65.8	67.2	68.5	69.6
-33.75°	52.0	54.0	55.9	57.7	59.3	60.9	62.4	63.9	65.2	66.4	67.5
-35°	50.6	52.4	54.3	56.0	57.6	59.1	60.5	61.9	63.2	64.3	65.5
-36.25°	49.1	50.9	52.6	54.3	55.8	57.2	58.5	59.9	61.1	62.3	63.5
-37.5°	47.6	49.3	51.0	52.5	54.0	55.3	56.6	57.8	59.0	60.3	61.4
-38.75°	46.2	47.8	49.3	50.8	52.2	53.5	54.7	55.8	57.0	58.2	59.3
-40°	44.7	46.2	47.7	49.1	50.4	51.6	52.7	53.8	55.0	56.1	57.2
-41.25°	43.2	44.7	46.1	47.5	48.7	49.8	50.8	51.8	52.9	54.0	55.0
-42.5°	41.7	43.1	44.5	45.8	47.0	48.0	48.8	49.7	50.7	51.9	52.9
-43.75°	40.2	41.6	42.9	44.1	45.3	46.2	46.9	47.5	48.4	49.5	50.6
-45°	38.7	40.1	41.3	42.5	43.6	44.4	44.9	45.4	46.1	47.1	48.0
-46.25°	37.3	38.5	39.7	40.8	41.9	42.5	43.0	43.4	43.7	44.5	45.3
-47.5°	35.8	37.0	38.1	39.2	40.1	40.7	41.0	41.4	41.6	42.0	42.8
-48.75°	34.3	35.5	36.5	37.5	38.3	38.8	39.1	39.4	39.6	40.0	40.3
-50°	32.9	34.0	35.0	35.9	36.5	37.0	37.3	37.4	37.7	38.1	38.3
-51.25°	31.5	32.4	33.4	34.2	34.8	35.2	35.5	35.6	35.8	36.2	36.4
-52.5°	30.1	31.0	31.8	32.6	33.1	33.5	33.7	33.9	34.1	34.3	34.5
-53.75°	28.7	29.6	30.3	30.9	31.4	31.8	32.0	32.2	32.4	32.6	32.7
-55°	27.4	28.2	28.9	29.3	29.8	30.1	30.3	30.6	30.8	30.9	30.9
-56.25°	26.0	26.8	27.4	27.8	28.2	28.5	28.7	29.0	29.1	29.2	29.2
-57.5°	24.7	25.4	26.0	26.4	26.7	26.9	27.1	27.4	27.5	27.6	27.5
-58.75°	23.4	24.1	24.5	24.9	25.2	25.4	25.6	25.8	26.0	26.0	26.0
-60°	22.1	22.7	23.1	23.5	23.7	23.9	24.1	24.3	24.4	24.5	24.4
-61.25°	20.8	21.3	21.7	22.0	22.3	22.5	22.7	22.9	23.0	22.9	22.9
-62.5°	19.5	20.0	20.4	20.6	20.9	21.1	21.3	21.5	21.6	21.5	21.5
-63.75°	18.2	18.6	19.0	19.3	19.5	19.7	19.9	20.1	20.2	20.2	20.1
-65°	16.9	17.3	17.7	17.9	18.1	18.4	18.6	18.7	18.8	18.8	18.7
-66.25°	15.7	16.1	16.4	16.6	16.8	17.0	17.2	17.3	17.4	17.4	17.3
-67.5°	14.4	14.8	15.1	15.3	15.5	15.7	15.8	16.0	16.0	16.1	16.0
-68.75°	13.2	13.5	13.8	14.0	14.2	14.4	14.6	14.6	14.7	14.7	14.7
-70°	12.1	12.4	12.6	12.7	13.0	13.2	13.3	13.4	13.4	13.4	13.4
-71.25°	11.0	11.3	11.5	11.6	11.8	12.0	12.2	12.2	12.3	12.3	12.2
-72.5°	9.9	10.2	10.4	10.5	10.7	10.9	11.0	11.1	11.1	11.1	11.1
-73.75°	8.9	9.1	9.3	9.4	9.6	9.8	9.9	10.0	10.0	9.9	9.9
-75°	8.0	8.1	8.2	8.4	8.6	8.7	8.8	8.9	8.9	8.9	8.8
-76.25°	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	7.8
-77.5°	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	5.3	5.4	5.5	5.6	5.8	5.9	5.9	6.0	6.0	5.9	5.9
-80°	4.6	4.6	4.6	4.8	4.9	5.0	5.1	5.1	5.1	5.1	5.1
-81.25°	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.3
-82.5°	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.5
-83.75°	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9
-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
-86.25°	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9
-87.5°	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.7
-88.75°	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6
-90°	3.1	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.7	3.7	3.8



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
88.75°	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.7	5.7	5.8
87.5°	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3
86.25°	7.7	7.9	8.1	8.3	8.5	8.8	9.0	9.2	9.4	9.5	9.7
85°	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3	12.5	12.7	12.9
83.75°	12.7	13.1	13.6	14.0	14.4	14.7	15.1	15.4	15.6	15.8	16.1
82.5°	15.2	15.8	16.5	17.2	17.7	18.2	18.8	19.3	19.6	20.0	20.4
81.25°	18.6	19.4	20.2	21.0	21.6	22.2	22.8	23.3	23.8	24.2	24.6
80°	22.1	23.0	23.9	24.8	25.5	26.2	26.8	27.5	28.1	28.7	29.2
78.75°	25.5	26.6	27.7	28.8	29.8	30.6	31.4	32.2	32.9	33.5	34.1
77.5°	29.4	30.7	31.9	33.1	34.2	35.1	36.0	36.9	37.7	38.4	39.1
76.25°	33.4	34.7	36.1	37.4	38.5	39.6	40.7	41.8	42.7	43.6	44.4
75°	37.4	38.8	40.4	41.8	43.2	44.4	45.6	46.7	47.8	48.8	49.8
73.75°	41.6	43.2	44.8	46.4	47.9	49.2	50.5	51.7	52.9	54.1	55.2
72.5°	45.9	47.6	49.3	51.0	52.6	54.1	55.5	56.9	58.2	59.4	60.7
71.25°	50.1	52.0	53.8	55.7	57.5	59.1	60.6	62.0	63.5	64.8	66.2
70°	54.3	56.4	58.4	60.4	62.3	64.1	65.7	67.2	68.8	70.3	71.7
68.75°	58.6	60.9	63.0	65.1	67.1	69.1	70.8	72.5	74.1	75.7	77.3
67.5°	62.8	65.3	67.5	69.8	72.0	74.1	75.9	77.7	79.5	81.1	82.8
66.25°	67.0	69.7	72.1	74.5	76.8	79.1	81.0	82.8	84.6	86.4	88.2
65°	71.1	74.0	76.6	79.1	81.5	83.8	85.9	87.8	89.8	91.7	93.6
63.75°	75.3	78.3	81.0	83.6	86.1	88.5	90.7	92.8	94.8	96.9	98.9
62.5°	79.4	82.4	85.4	88.0	90.6	93.1	95.4	97.6	99.8	102.0	104.2
61.25°	83.3	86.5	89.7	92.4	95.0	97.6	100.0	102.4	104.7	107.1	109.3
60°	87.2	90.5	93.8	96.6	99.3	102.0	104.6	107.1	109.4	111.8	114.1
58.75°	91.1	94.4	97.7	100.8	103.6	106.3	108.9	111.4	113.9	116.4	118.8
57.5°	94.7	98.2	101.6	104.9	107.7	110.5	113.1	115.8	118.4	120.8	123.1
56.25°	98.3	101.9	105.4	108.8	111.7	114.5	117.3	120.0	122.5	124.9	127.2
55°	101.9	105.5	108.9	112.4	115.6	118.6	121.2	123.9	126.5	128.9	131.3
53.75°	105.2	108.8	112.4	116.0	119.4	122.2	125.0	127.7	130.4	132.8	135.2
52.5°	108.4	112.2	115.9	119.3	122.8	125.8	128.7	131.4	134.0	136.5	139.0
51.25°	111.4	115.4	119.0	122.5	126.0	129.3	132.1	134.8	137.5	140.1	142.6
50°	114.3	118.3	122.0	125.6	129.2	132.5	135.3	138.1	140.8	143.3	145.7
48.75°	116.8	121.1	125.0	128.6	132.0	135.4	138.5	141.2	143.8	146.3	148.8
47.5°	119.3	123.6	127.7	131.2	134.7	138.2	141.4	144.0	146.6	149.3	151.6
46.25°	121.7	125.9	130.1	133.8	137.4	140.6	143.8	146.7	149.4	151.7	154.0
45°	123.8	128.0	132.3	136.4	139.7	143.0	146.2	149.2	151.5	153.9	156.3
43.75°	125.8	130.1	134.4	138.3	141.9	145.2	148.3	151.0	153.6	156.0	158.2
42.5°	127.6	132.0	136.1	140.1	144.0	147.2	150.1	152.9	155.5	157.7	159.9
41.25°	129.4	133.7	137.8	141.8	145.7	149.0	151.9	154.6	157.1	159.4	161.6
40°	131.1	135.2	139.4	143.4	147.1	150.8	153.7	156.2	158.6	161.0	162.9
38.75°	132.7	136.7	140.9	144.6	148.4	152.1	155.1	157.6	160.1	162.2	164.1
37.5°	134.2	138.3	142.0	145.8	149.6	153.0	156.3	159.1	161.2	163.3	165.3
36.25°	135.6	139.5	143.1	146.9	150.4	153.8	157.2	160.1	162.3	164.3	166.1
35°	136.8	140.6	144.3	147.7	151.1	154.6	157.7	160.7	163.3	165.2	167.0



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**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°	137.8	141.6	145.4	148.6	151.8	155.1	158.1	161.1	163.9	166.0	167.8
32.5°	138.8	142.7	146.1	149.4	152.6	155.5	158.5	161.4	164.1	166.8	168.5
31.25°	139.4	143.5	146.8	150.1	153.1	155.9	158.9	161.5	164.2	166.9	169.0
30°	139.7	143.8	147.5	150.7	153.6	156.4	159.0	161.6	164.3	166.7	169.1
28.75°	139.8	143.8	147.9	151.1	154.0	156.8	159.2	161.7	164.1	166.5	168.9
27.5°	139.6	143.7	147.6	151.3	154.4	157.0	159.4	161.8	163.8	166.2	168.2
26.25°	139.5	143.5	147.3	150.9	154.4	157.1	159.6	161.8	163.8	165.6	167.4
25°	139.2	143.1	146.8	150.4	153.8	157.0	159.6	161.7	163.8	165.3	166.7
23.75°	139.2	142.6	146.3	149.8	153.1	156.3	159.3	161.7	163.5	165.0	166.4
22.5°	139.5	142.5	145.7	149.0	152.3	155.4	158.4	161.2	163.1	164.6	165.7
21.25°	139.5	142.6	145.6	148.3	151.5	154.5	157.4	160.0	162.3	164.2	165.1
20°	139.5	142.6	145.5	148.2	150.8	153.5	156.4	158.7	160.9	162.8	164.5
18.75°	139.4	142.5	145.3	148.1	150.6	152.9	155.1	157.3	159.5	161.2	162.9
17.5°	139.2	142.4	145.2	147.9	150.3	152.6	154.5	156.2	157.9	159.6	161.3
16.25°	138.5	141.8	144.9	147.6	150.0	152.3	154.0	155.7	156.9	158.0	159.6
15°	137.8	141.0	144.1	147.0	149.6	151.8	153.6	155.2	156.3	157.4	158.4
13.75°	137.0	140.1	143.2	146.0	148.7	151.0	153.1	154.6	155.7	156.8	157.8
12.5°	136.2	139.2	142.3	145.0	147.6	149.8	152.0	153.7	155.1	156.2	157.2
11.25°	135.1	138.2	141.2	143.9	146.5	148.6	150.8	152.3	153.8	155.2	156.6
10°	133.9	137.0	140.0	142.7	145.2	147.4	149.4	150.9	152.4	153.8	155.2
8.75°	132.7	135.7	138.6	141.3	143.8	146.0	147.9	149.5	151.0	152.4	153.8
7.5°	131.4	134.3	137.2	139.9	142.3	144.5	146.3	148.0	149.5	150.9	152.3
6.25°	130.0	132.9	135.7	138.4	140.7	142.9	144.7	146.4	147.9	149.3	150.8
5°	128.7	131.6	134.2	136.9	139.1	141.3	143.1	144.7	146.3	147.7	149.2
3.75°	127.6	130.4	133.0	135.6	137.8	139.9	141.6	143.2	144.7	146.1	147.5
2.5°	126.4	129.1	131.7	134.3	136.4	138.5	140.1	141.8	143.3	144.8	146.2
1.25°	125.1	127.8	130.4	132.9	135.0	137.1	138.7	140.3	141.8	143.3	144.8
0°	123.8	126.5	129.0	131.5	133.6	135.6	137.2	138.8	140.4	141.9	143.4
-1.25°	122.3	125.0	127.4	129.9	131.9	133.9	135.5	137.1	138.7	140.2	141.7
-2.5°	120.8	123.4	125.8	128.2	130.2	132.2	133.8	135.4	137.0	138.5	140.0
-3.75°	119.3	121.8	124.2	126.5	128.5	130.5	132.1	133.7	135.2	136.7	138.3
-5°	117.7	120.1	122.5	124.8	126.7	128.6	130.2	131.8	133.3	134.8	136.4
-6.25°	115.9	118.3	120.6	122.8	124.7	126.6	128.2	129.8	131.3	132.8	134.5
-7.5°	114.0	116.3	118.6	120.7	122.7	124.6	126.2	127.7	129.3	130.8	132.4
-8.75°	112.1	114.3	116.5	118.7	120.6	122.4	124.1	125.7	127.2	128.8	130.4
-10°	110.1	112.3	114.4	116.5	118.5	120.3	122.1	123.6	125.1	126.7	128.3
-11.25°	108.1	110.2	112.4	114.4	116.4	118.2	120.0	121.5	123.0	124.5	126.1
-12.5°	106.1	108.2	110.3	112.3	114.2	116.0	117.8	119.3	120.8	122.4	124.0
-13.75°	104.0	106.1	108.1	110.1	112.0	113.8	115.5	117.2	118.8	120.3	121.9
-15°	101.9	103.9	105.9	107.8	109.7	111.6	113.3	115.1	116.6	118.2	119.7
-16.25°	99.8	101.7	103.6	105.6	107.4	109.3	111.1	112.9	114.4	115.9	117.4
-17.5°	97.6	99.5	101.4	103.3	105.1	107.0	108.7	110.5	112.0	113.4	114.8
-18.75°	95.4	97.3	99.2	101.0	102.8	104.5	106.3	107.9	109.5	110.8	112.2
-20°	93.3	95.1	96.9	98.6	100.4	102.1	103.7	105.3	106.8	108.2	109.5
-21.25°	91.1	92.8	94.6	96.2	97.9	99.5	101.1	102.6	104.1	105.5	107.0



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**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°	88.8	90.5	92.2	93.8	95.4	96.9	98.4	99.9	101.4	103.0	104.4
-23.75°	86.6	88.2	89.8	91.3	92.8	94.3	95.8	97.3	98.9	100.4	101.8
-25°	84.4	85.9	87.4	88.8	90.3	91.7	93.2	94.8	96.3	97.7	99.1
-26.25°	82.1	83.6	85.0	86.3	87.6	89.2	90.7	92.2	93.7	95.0	96.8
-27.5°	79.9	81.2	82.6	83.8	85.3	86.8	88.2	89.6	91.0	92.7	94.4
-28.75°	77.6	78.9	80.1	81.5	83.0	84.4	85.8	87.0	88.6	90.3	92.0
-30°	75.4	76.6	77.9	79.3	80.7	82.1	83.3	84.8	86.3	87.9	89.5
-31.25°	73.1	74.4	75.8	77.1	78.4	79.7	81.1	82.5	84.0	85.5	86.9
-32.5°	70.9	72.3	73.7	74.9	76.2	77.4	78.8	80.2	81.6	83.0	84.2
-33.75°	68.8	70.2	71.5	72.7	73.9	75.2	76.5	77.9	79.2	80.4	81.5
-35°	66.7	68.0	69.3	70.5	71.7	72.9	74.2	75.4	76.6	77.7	78.7
-36.25°	64.7	65.9	67.1	68.3	69.4	70.6	71.8	72.9	73.9	74.9	75.9
-37.5°	62.5	63.7	64.8	65.9	67.1	68.2	69.3	70.3	71.2	72.1	73.0
-38.75°	60.4	61.5	62.5	63.6	64.7	65.8	66.7	67.6	68.4	69.2	70.1
-40°	58.2	59.1	60.1	61.2	62.2	63.2	64.0	64.8	65.6	66.3	67.3
-41.25°	55.9	56.7	57.5	58.6	59.6	60.2	61.0	62.0	62.7	63.3	64.3
-42.5°	53.5	54.1	54.9	55.8	56.7	57.0	57.6	58.5	59.7	59.9	60.6
-43.75°	51.0	51.5	52.1	52.9	53.4	53.6	53.9	54.7	55.6	56.0	56.4
-45°	48.5	48.9	49.4	49.9	50.1	50.3	50.3	50.6	51.5	52.0	52.1
-46.25°	45.8	46.1	46.5	46.9	46.9	47.0	46.9	47.2	47.7	48.3	48.5
-47.5°	43.3	43.5	43.7	44.0	44.0	43.8	43.7	44.3	44.7	44.8	45.0
-48.75°	40.8	41.0	41.1	41.2	41.3	41.1	41.1	41.6	42.0	42.2	42.1
-50°	38.5	38.7	38.8	38.8	38.7	38.5	38.8	39.2	39.5	39.7	39.5
-51.25°	36.5	36.5	36.6	36.6	36.4	36.2	36.5	36.8	37.1	37.2	36.9
-52.5°	34.6	34.6	34.5	34.4	34.2	34.2	34.3	34.5	34.7	34.6	34.3
-53.75°	32.7	32.7	32.5	32.3	32.1	32.1	32.2	32.2	32.3	32.0	31.6
-55°	30.9	30.8	30.7	30.4	30.2	30.0	30.0	30.0	29.8	29.4	29.0
-56.25°	29.2	29.0	28.8	28.6	28.4	28.1	27.9	27.7	27.4	27.0	26.5
-57.5°	27.5	27.4	27.1	26.8	26.5	26.3	26.0	25.7	25.1	24.5	24.0
-58.75°	25.8	25.7	25.5	25.2	24.8	24.4	24.1	23.7	23.1	22.4	21.7
-60°	24.3	24.1	23.9	23.6	23.2	22.8	22.3	21.7	21.1	20.5	19.8
-61.25°	22.8	22.6	22.3	22.0	21.7	21.3	20.8	20.2	19.5	18.6	17.9
-62.5°	21.3	21.2	20.9	20.6	20.2	19.7	19.3	18.7	18.1	17.3	16.5
-63.75°	19.9	19.7	19.5	19.2	18.8	18.4	17.9	17.3	16.7	16.0	15.4
-65°	18.5	18.3	18.1	17.9	17.5	17.1	16.6	16.1	15.5	14.8	14.2
-66.25°	17.2	17.0	16.8	16.5	16.2	15.8	15.4	14.9	14.3	13.7	13.2
-67.5°	15.9	15.6	15.5	15.3	15.0	14.6	14.2	13.8	13.2	12.7	12.2
-68.75°	14.6	14.4	14.2	14.0	13.7	13.4	13.1	12.6	12.2	11.7	11.2
-70°	13.4	13.2	13.1	12.9	12.6	12.3	11.9	11.5	11.1	10.7	10.3
-71.25°	12.2	12.1	11.9	11.7	11.5	11.2	10.9	10.5	10.1	9.8	9.4
-72.5°	11.0	10.9	10.8	10.6	10.4	10.1	9.8	9.5	9.1	8.8	8.5
-73.75°	9.8	9.8	9.7	9.5	9.4	9.1	8.8	8.5	8.2	7.9	7.6
-75°	8.7	8.7	8.6	8.5	8.3	8.1	7.9	7.6	7.3	7.1	6.8
-76.25°	7.8	7.7	7.6	7.5	7.4	7.2	6.9	6.7	6.5	6.3	6.1
-77.5°	6.8	6.8	6.7	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.3



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**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°	5.9	5.8	5.8	5.7	5.6	5.5	5.3	5.1	5.0	4.8	4.6
-80°	5.1	5.0	5.0	4.9	4.8	4.7	4.5	4.4	4.3	4.1	4.0
-81.25°	4.2	4.2	4.2	4.1	4.1	4.0	3.9	3.7	3.6	3.5	3.3
-82.5°	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8
-83.75°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.3
-85°	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9
-86.25°	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5
-87.5°	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3
-88.75°	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
-90°	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7
88.75°	5.9	6.0	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.3	6.4
87.5°	7.5	7.6	7.7	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.2
86.25°	10.0	10.2	10.4	10.5	10.7	10.8	10.8	10.9	11.0	11.1	11.2
85°	13.2	13.4	13.7	13.8	14.0	14.1	14.2	14.3	14.3	14.4	14.6
83.75°	16.6	16.9	17.2	17.5	17.8	18.0	18.1	18.2	18.3	18.5	18.7
82.5°	20.9	21.2	21.6	21.9	22.2	22.4	22.6	22.7	22.8	23.1	23.3
81.25°	25.1	25.6	26.0	26.3	26.7	27.0	27.2	27.4	27.6	27.9	28.2
80°	29.9	30.5	31.0	31.4	31.9	32.2	32.4	32.6	32.8	33.1	33.4
78.75°	34.9	35.5	36.0	36.6	37.0	37.4	37.6	37.9	38.1	38.5	38.9
77.5°	39.9	40.7	41.3	42.0	42.5	43.0	43.3	43.6	43.9	44.2	44.7
76.25°	45.3	46.2	46.9	47.5	48.2	48.7	49.0	49.3	49.6	50.0	50.5
75°	50.8	51.7	52.4	53.2	53.9	54.5	54.9	55.2	55.5	55.9	56.5
73.75°	56.3	57.3	58.2	59.0	59.7	60.4	60.8	61.2	61.5	61.8	62.5
72.5°	61.9	63.0	63.9	64.8	65.6	66.3	66.8	67.2	67.5	67.9	68.6
71.25°	67.5	68.7	69.7	70.7	71.5	72.3	72.8	73.3	73.7	74.0	74.7
70°	73.1	74.5	75.6	76.5	77.4	78.3	78.9	79.3	79.8	80.1	80.8
68.75°	78.8	80.2	81.4	82.4	83.3	84.2	84.9	85.4	85.8	86.2	86.9
67.5°	84.4	85.9	87.2	88.2	89.2	90.2	90.9	91.5	91.9	92.3	92.9
66.25°	90.0	91.5	93.0	94.1	95.1	96.0	96.8	97.4	97.9	98.3	98.9
65°	95.4	97.1	98.5	99.7	100.8	101.8	102.8	103.3	103.8	104.2	104.7
63.75°	100.8	102.6	104.1	105.4	106.5	107.5	108.5	109.1	109.6	110.0	110.5
62.5°	106.1	108.0	109.5	110.8	112.0	113.1	114.1	114.9	115.4	115.8	116.1
61.25°	111.2	113.1	114.7	116.2	117.5	118.6	119.6	120.4	120.8	121.2	121.6
60°	116.1	118.1	119.9	121.4	122.5	123.6	124.7	125.7	126.2	126.6	127.0
58.75°	121.0	122.9	124.7	126.0	127.3	128.5	129.7	130.9	131.3	131.7	132.0
57.5°	125.3	127.3	129.5	130.8	131.9	133.2	134.4	135.6	136.2	136.7	137.0
56.25°	129.5	131.7	133.9	135.3	136.4	137.7	139.0	140.3	141.0	141.3	141.6
55°	133.6	135.8	138.0	139.8	140.9	142.2	143.3	144.4	145.3	145.7	146.0
53.75°	137.6	140.0	142.2	144.0	145.0	146.1	147.4	148.5	149.7	150.0	150.1
52.5°	141.5	143.8	145.7	147.7	149.0	150.1	151.3	152.3	153.2	153.7	154.0
51.25°	144.9	147.1	149.3	151.2	152.7	153.6	154.7	155.8	156.8	157.5	157.7
50°	148.1	150.5	152.6	154.3	156.1	157.0	158.1	159.1	159.9	160.6	160.9
48.75°	151.2	153.3	155.4	157.3	159.1	160.3	161.0	161.9	162.8	163.6	164.0
47.5°	153.8	156.0	158.2	160.1	161.7	163.1	163.8	164.7	165.5	166.1	166.6
46.25°	156.3	158.5	160.4	162.3	164.0	165.7	166.4	167.0	167.7	168.4	169.1
45°	158.5	160.5	162.4	164.4	166.1	167.4	168.4	169.1	169.9	170.5	171.0
43.75°	160.3	162.3	164.3	166.0	167.5	169.0	170.4	170.9	171.5	172.0	172.6
42.5°	162.1	164.0	165.7	167.4	169.0	170.4	171.7	172.5	173.0	173.6	174.0
41.25°	163.5	165.3	167.1	168.8	170.2	171.6	172.9	174.1	174.3	174.7	175.1
40°	164.8	166.6	168.4	169.9	171.3	172.8	174.0	175.0	175.5	175.8	176.2
38.75°	166.0	167.7	169.4	171.0	172.5	173.6	174.7	175.7	176.5	176.5	176.7
37.5°	167.0	168.7	170.3	171.9	173.1	174.2	175.4	176.2	176.8	177.0	177.1
36.25°	167.8	169.5	171.1	172.4	173.7	174.8	175.6	176.3	177.0	177.5	177.2
35°	168.6	170.2	171.6	172.9	174.1	174.9	175.7	176.4	176.9	177.2	177.1





REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	169.3	170.7	172.0	173.2	174.1	175.0	175.8	176.1	176.5	176.8	177.0
32.5°	169.9	171.2	172.3	173.2	174.1	174.9	175.3	175.7	176.0	176.4	176.6
31.25°	170.5	171.6	172.4	173.1	173.9	174.4	174.9	175.2	175.6	175.9	176.2
30°	171.0	171.8	172.5	173.0	173.4	173.9	174.3	174.7	175.1	175.4	175.7
28.75°	170.7	171.9	172.6	172.8	172.9	173.3	173.7	174.1	174.5	174.8	175.1
27.5°	170.0	171.8	172.4	172.5	172.7	172.7	173.1	173.5	173.9	174.2	174.5
26.25°	169.3	170.7	172.0	172.3	172.4	172.4	172.4	172.8	173.3	173.7	173.8
25°	168.3	169.6	170.8	172.0	172.2	172.1	172.1	172.2	172.5	172.8	173.0
23.75°	167.2	168.5	169.7	170.8	171.9	171.9	171.8	171.7	171.6	171.9	172.1
22.5°	166.6	167.4	168.5	169.6	170.7	171.7	171.6	171.4	171.0	170.9	170.9
21.25°	166.0	166.7	167.5	168.4	169.4	170.4	171.3	171.1	170.7	170.0	169.8
20°	165.3	166.1	166.8	167.4	168.1	169.1	169.9	170.7	170.3	169.6	168.7
18.75°	164.4	165.4	166.1	166.7	167.2	167.7	168.6	169.2	169.6	169.2	168.2
17.5°	162.8	164.3	165.4	166.0	166.5	166.9	167.2	167.6	168.0	168.2	167.7
16.25°	161.1	162.6	163.9	165.1	165.8	166.2	166.2	166.2	166.3	166.4	166.5
15°	159.5	160.9	162.2	163.4	164.5	165.3	165.3	165.2	164.9	164.7	164.9
13.75°	158.7	159.5	160.5	161.6	162.8	163.5	164.2	164.2	163.9	163.6	163.4
12.5°	158.1	158.9	159.6	160.1	160.9	161.6	162.3	162.6	162.9	162.8	162.6
11.25°	157.5	158.4	159.1	159.6	159.9	160.0	160.3	160.6	161.0	161.5	161.9
10°	156.5	157.7	158.6	159.1	159.4	159.5	159.3	159.1	159.2	159.7	160.2
8.75°	155.1	156.3	157.3	158.2	158.7	159.0	158.8	158.6	158.5	158.4	158.5
7.5°	153.7	154.9	155.9	156.7	157.3	157.7	157.9	158.1	158.1	158.1	158.1
6.25°	152.2	153.4	154.5	155.2	155.8	156.2	156.4	156.7	157.1	157.4	157.8
5°	150.6	151.8	152.9	153.7	154.4	154.8	155.0	155.4	155.8	156.2	156.7
3.75°	149.0	150.2	151.4	152.2	153.0	153.4	153.6	154.1	154.6	155.1	155.6
2.5°	147.6	148.8	150.0	150.8	151.6	152.0	152.3	152.8	153.4	154.0	154.5
1.25°	146.2	147.5	148.7	149.6	150.4	150.8	151.1	151.7	152.3	152.9	153.5
0°	144.8	146.1	147.4	148.3	149.1	149.6	150.0	150.6	151.2	151.9	152.5
-1.25°	143.2	144.5	145.8	146.7	147.6	148.1	148.5	149.2	149.9	150.6	151.3
-2.5°	141.6	142.9	144.2	145.1	146.0	146.5	147.1	147.8	148.6	149.3	150.1
-3.75°	139.8	141.2	142.5	143.5	144.5	145.2	145.8	146.6	147.4	148.2	149.0
-5°	138.0	139.4	140.8	141.9	143.0	143.8	144.5	145.3	146.2	146.9	147.7
-6.25°	136.1	137.6	139.1	140.3	141.3	142.2	142.9	143.7	144.5	145.3	146.1
-7.5°	134.1	135.7	137.1	138.4	139.4	140.4	141.1	141.9	143.0	144.2	145.3
-8.75°	132.0	133.6	135.0	136.4	137.5	138.7	139.7	140.7	141.9	143.2	144.4
-10°	129.9	131.5	132.9	134.5	135.9	137.3	138.4	139.5	140.6	141.6	142.5
-11.25°	127.7	129.4	131.1	132.7	134.2	135.6	136.8	137.7	138.6	139.5	140.5
-12.5°	125.7	127.4	129.1	130.8	132.3	133.6	134.8	135.7	136.6	137.5	138.5
-13.75°	123.6	125.3	127.0	128.5	130.0	131.3	132.6	133.6	134.5	135.4	136.3
-15°	121.3	122.9	124.5	126.0	127.5	128.9	130.2	131.5	132.4	133.4	135.0
-16.25°	118.8	120.3	121.9	123.5	125.0	126.5	127.8	129.1	130.6	132.0	133.5
-17.5°	116.2	117.7	119.3	120.9	122.5	123.9	125.4	127.1	128.9	130.4	131.4
-18.75°	113.6	115.1	116.7	118.3	119.8	121.4	123.4	125.2	127.0	128.1	128.6
-20°	111.0	112.5	114.0	115.6	117.3	119.3	121.2	123.2	124.3	125.1	125.8
-21.25°	108.4	109.9	111.3	113.1	115.1	117.1	119.0	120.2	121.3	122.1	123.3





REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	105.8	107.2	108.9	110.8	112.7	114.6	116.0	117.1	118.1	119.4	120.7
-23.75°	103.1	104.8	106.6	108.4	110.2	111.5	112.8	113.9	115.2	116.8	118.2
-25°	100.8	102.5	104.2	105.9	107.2	108.4	109.5	110.8	112.4	113.9	115.4
-26.25°	98.5	100.2	101.8	103.0	104.2	105.3	106.4	108.0	109.6	111.0	112.6
-27.5°	96.1	97.8	99.0	100.1	101.2	102.2	103.7	105.2	106.7	108.2	109.7
-28.75°	93.6	95.0	96.2	97.2	98.2	99.5	101.0	102.4	103.8	105.3	106.7
-30°	90.9	92.2	93.3	94.3	95.5	96.9	98.2	99.6	101.0	102.4	103.8
-31.25°	88.2	89.3	90.4	91.6	93.0	94.3	95.5	96.9	98.2	99.5	100.8
-32.5°	85.4	86.5	87.5	89.0	90.4	91.7	93.0	94.2	95.5	96.7	98.0
-33.75°	82.6	83.6	84.9	86.4	87.7	89.0	90.4	91.6	92.7	93.9	95.1
-35°	79.7	80.9	82.2	83.6	85.0	86.2	87.5	88.8	90.0	91.0	92.1
-36.25°	76.8	78.1	79.4	80.7	82.0	83.3	84.4	85.6	86.9	88.0	89.0
-37.5°	74.1	75.3	76.5	77.6	78.8	80.0	81.2	82.4	83.6	84.6	85.5
-38.75°	71.3	72.4	73.5	74.5	75.6	76.7	77.8	79.0	80.2	81.2	81.9
-40°	68.3	69.4	70.4	71.3	72.2	73.2	74.3	75.4	76.5	77.5	78.2
-41.25°	65.3	66.3	66.9	68.0	68.8	69.6	70.3	71.7	72.8	73.4	74.0
-42.5°	61.8	62.8	62.8	63.4	64.7	65.4	65.7	66.5	67.8	69.1	69.7
-43.75°	57.3	58.0	58.1	58.3	59.1	60.0	60.5	60.9	61.7	62.7	63.9
-45°	52.5	53.1	53.3	53.0	53.4	54.5	55.1	55.4	55.6	56.1	57.0
-46.25°	48.5	48.5	48.9	48.7	49.2	49.5	50.0	50.5	50.9	51.0	50.7
-47.5°	45.2	45.1	44.9	45.0	45.5	45.9	46.0	46.1	46.5	46.7	46.8
-48.75°	42.0	42.0	41.8	41.9	42.1	42.4	42.6	42.8	42.9	43.0	43.0
-50°	39.2	39.0	38.8	39.1	39.3	39.4	39.4	39.6	39.7	39.7	39.7
-51.25°	36.6	36.3	36.2	36.3	36.5	36.6	36.6	36.5	36.5	36.5	36.5
-52.5°	33.9	33.6	33.6	33.7	33.7	33.7	33.6	33.5	33.4	33.3	33.2
-53.75°	31.3	30.9	31.0	31.0	31.0	30.8	30.5	30.3	30.2	30.1	29.9
-55°	28.6	28.2	28.1	28.0	28.1	27.7	27.2	26.8	26.5	26.4	26.3
-56.25°	26.0	25.4	25.0	24.8	24.6	24.3	23.9	23.2	22.8	22.5	22.3
-57.5°	23.5	23.0	22.3	21.6	21.2	21.0	20.7	20.2	19.7	19.2	18.5
-58.75°	21.0	20.6	20.0	19.3	18.7	18.3	17.7	17.3	16.8	16.3	15.7
-60°	19.1	18.5	17.7	17.1	16.6	16.1	15.5	15.0	14.4	13.7	12.9
-61.25°	17.4	16.8	16.1	15.3	14.7	14.0	13.3	12.8	12.3	11.7	11.0
-62.5°	15.8	15.1	14.4	13.9	13.3	12.7	12.0	11.3	10.6	9.8	9.2
-63.75°	14.7	14.0	13.2	12.6	12.0	11.5	10.9	10.3	9.7	9.0	8.2
-65°	13.6	13.0	12.3	11.7	11.2	10.6	10.1	9.5	8.9	8.3	7.6
-66.25°	12.6	12.0	11.4	10.9	10.4	9.9	9.3	8.8	8.3	7.7	7.0
-67.5°	11.7	11.1	10.6	10.1	9.7	9.1	8.6	8.2	7.7	7.1	6.4
-68.75°	10.7	10.2	9.7	9.3	8.9	8.5	8.0	7.5	7.1	6.6	5.9
-70°	9.8	9.4	9.0	8.6	8.2	7.8	7.4	6.9	6.5	6.0	5.4
-71.25°	9.0	8.5	8.2	7.8	7.5	7.1	6.7	6.3	5.9	5.5	4.9
-72.5°	8.1	7.8	7.4	7.1	6.8	6.4	6.1	5.8	5.4	5.0	4.5
-73.75°	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.5	4.0
-75°	6.5	6.3	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.6
-76.25°	5.8	5.6	5.4	5.1	4.9	4.6	4.4	4.1	3.8	3.5	3.2
-77.5°	5.1	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.4	3.1	2.8



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	4.4	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.4
-80°	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.3	2.1
-81.25°	3.2	3.1	2.9	2.8	2.7	2.6	2.4	2.3	2.2	2.0	1.8
-82.5°	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.5
-83.75°	2.2	2.1	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.4	1.3
-85°	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.1
-86.25°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.0	1.0	0.9
-87.5°	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
-88.75°	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7
-90°	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
88.75°	6.4	6.5	6.5	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.4
87.5°	8.3	8.4	8.4	8.5	8.5	8.6	8.5	8.4	8.3	8.1	8.2
86.25°	11.3	11.5	11.6	11.7	11.8	11.9	11.8	11.7	11.7	11.6	11.7
85°	14.7	14.8	14.9	15.0	15.2	15.3	15.3	15.2	15.2	15.1	15.2
83.75°	18.9	19.1	19.3	19.5	19.6	19.8	19.8	19.8	19.7	19.6	19.8
82.5°	23.5	23.7	23.9	24.1	24.3	24.5	24.5	24.4	24.4	24.3	24.4
81.25°	28.5	28.7	29.0	29.3	29.5	29.7	29.7	29.7	29.7	29.6	29.7
80°	33.7	34.0	34.3	34.6	34.8	35.1	35.1	35.1	35.0	35.0	35.1
78.75°	39.2	39.6	40.0	40.3	40.6	41.0	41.0	41.0	40.9	40.8	40.9
77.5°	45.1	45.5	46.0	46.3	46.7	47.0	47.1	47.0	46.9	46.7	46.7
76.25°	51.1	51.5	52.0	52.4	52.8	53.1	53.2	53.1	53.0	52.8	52.9
75°	57.1	57.6	58.1	58.5	58.9	59.2	59.3	59.2	59.1	59.0	59.1
73.75°	63.1	63.7	64.2	64.6	64.9	65.3	65.4	65.4	65.3	65.3	65.3
72.5°	69.2	69.8	70.3	70.7	71.0	71.3	71.5	71.5	71.6	71.6	71.6
71.25°	75.4	76.0	76.5	76.9	77.2	77.5	77.8	77.9	78.0	78.0	78.0
70°	81.4	82.0	82.6	83.1	83.5	84.0	84.3	84.4	84.4	84.4	84.4
68.75°	87.5	88.1	88.7	89.3	89.8	90.2	90.6	90.6	90.6	90.6	90.6
67.5°	93.6	94.3	94.9	95.5	95.9	96.3	96.6	96.8	96.8	96.8	96.8
66.25°	99.7	100.4	101.1	101.7	102.1	102.4	102.7	102.8	102.9	102.9	102.8
65°	105.6	106.3	107.0	107.6	108.0	108.4	108.7	108.9	108.9	108.9	108.9
63.75°	111.3	112.1	112.9	113.5	113.9	114.3	114.5	114.7	114.7	114.7	114.7
62.5°	116.9	117.7	118.4	119.0	119.4	119.7	120.0	120.1	120.3	120.3	120.4
61.25°	122.3	123.1	123.9	124.5	124.9	125.2	125.4	125.6	125.7	125.7	125.7
60°	127.6	128.3	129.0	129.7	130.1	130.4	130.7	130.9	131.0	131.0	130.9
58.75°	132.5	133.3	134.0	134.7	135.2	135.6	135.8	136.0	136.0	135.9	135.8
57.5°	137.4	138.1	138.7	139.3	139.7	140.0	140.3	140.5	140.5	140.5	140.5
56.25°	141.8	142.5	143.1	143.7	144.2	144.5	144.7	144.8	144.9	144.9	144.8
55°	146.3	146.8	147.4	147.9	148.3	148.5	148.7	148.9	149.0	148.9	148.8
53.75°	150.3	150.7	151.3	151.8	152.2	152.5	152.8	152.9	152.9	152.7	152.6
52.5°	154.2	154.5	155.1	155.4	155.8	156.1	156.3	156.5	156.5	156.3	156.1
51.25°	157.8	157.9	158.4	158.8	159.2	159.5	159.8	159.9	159.9	159.6	159.4
50°	161.1	161.3	161.7	161.9	162.2	162.4	162.6	162.8	162.9	162.7	162.4
48.75°	164.1	164.1	164.3	164.6	164.8	165.1	165.4	165.7	165.8	165.5	165.2
47.5°	166.7	166.8	166.9	167.2	167.3	167.4	167.7	168.0	168.3	168.0	167.8
46.25°	169.2	169.1	169.0	169.2	169.4	169.7	170.0	170.3	170.5	170.3	169.9
45°	171.1	171.1	171.0	171.2	171.4	171.5	171.6	171.9	172.1	172.0	171.6
43.75°	173.0	172.9	172.7	172.6	172.7	172.8	173.0	173.3	173.6	173.4	172.9
42.5°	174.4	174.2	174.1	173.9	174.1	174.0	173.9	174.1	174.2	174.2	173.7
41.25°	175.5	175.6	175.3	175.0	174.9	174.8	174.7	174.8	174.9	174.9	174.2
40°	176.3	176.4	176.1	175.9	175.7	175.5	175.2	175.1	175.1	175.1	174.6
38.75°	176.9	177.1	176.9	176.4	176.0	175.7	175.5	175.2	175.3	175.3	174.8
37.5°	177.3	177.2	176.9	176.5	176.2	176.0	175.6	175.3	175.3	175.3	175.1
36.25°	177.1	177.0	176.9	176.6	176.3	176.0	175.7	175.3	175.3	175.3	175.2
35°	176.9	176.8	176.8	176.6	176.3	176.0	175.7	175.3	175.2	175.2	175.3



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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°
33.75°	176.7	176.6	176.6	176.6	176.2	176.0	175.7	175.3	175.0	175.1	175.2
32.5°	176.5	176.4	176.3	176.3	176.1	175.9	175.6	175.2	174.9	174.9	174.9
31.25°	176.3	176.0	176.0	176.0	175.9	175.6	175.4	175.1	174.7	174.6	174.6
30°	175.8	175.8	175.6	175.5	175.5	175.3	175.1	174.8	174.2	173.8	173.8
28.75°	175.3	175.3	175.1	175.0	175.0	174.7	174.4	174.0	173.5	172.9	173.0
27.5°	174.6	174.6	174.5	174.3	174.1	173.8	173.5	173.2	172.6	171.9	171.7
26.25°	173.9	174.0	173.7	173.4	173.1	172.8	172.4	172.0	171.6	170.9	170.4
25°	173.1	173.0	172.8	172.5	172.0	171.6	171.2	170.9	170.6	170.0	169.4
23.75°	172.1	172.0	171.8	171.3	170.8	170.3	170.0	169.9	169.7	169.3	168.7
22.5°	171.0	170.9	170.5	170.1	169.5	169.2	169.0	168.9	168.8	168.7	168.0
21.25°	169.7	169.6	169.2	168.9	168.6	168.2	168.0	167.9	167.9	167.9	167.4
20°	168.3	168.2	168.1	167.9	167.7	167.3	167.0	167.0	167.0	167.0	166.8
18.75°	167.1	166.8	166.9	166.8	166.7	166.7	166.2	166.0	165.9	165.9	166.0
17.5°	166.7	165.8	165.6	165.7	165.9	165.9	165.7	165.0	164.9	164.8	164.7
16.25°	166.4	165.5	164.7	164.6	164.8	164.9	164.8	164.3	163.7	163.5	163.4
15°	165.3	165.3	164.6	163.7	163.6	163.8	163.8	163.6	162.7	162.2	162.1
13.75°	163.7	164.1	164.5	163.7	162.8	162.6	162.7	162.4	162.2	161.1	161.0
12.5°	162.5	162.7	163.1	163.4	162.8	161.7	161.2	161.2	161.1	160.7	159.8
11.25°	161.8	161.8	161.7	161.9	162.1	161.6	160.4	159.9	160.1	160.0	159.4
10°	160.8	161.1	160.9	160.7	160.5	160.5	160.4	159.4	158.8	159.2	159.3
8.75°	159.1	159.6	159.9	159.9	159.5	159.1	159.1	159.3	158.6	158.0	158.5
7.5°	158.2	158.0	158.2	158.4	158.5	158.4	158.1	158.0	158.4	158.1	157.1
6.25°	157.9	157.8	157.5	157.0	156.8	157.0	157.2	157.4	157.3	157.4	157.5
5°	156.9	157.1	157.1	156.8	156.4	156.2	156.0	156.3	156.6	156.6	156.4
3.75°	155.8	156.0	155.9	155.8	155.8	155.9	156.1	156.0	155.7	155.4	155.5
2.5°	154.8	155.1	155.0	154.9	154.9	154.9	155.1	155.4	155.4	155.4	155.0
1.25°	153.9	154.2	154.1	154.1	154.3	154.4	154.7	155.0	155.0	155.0	154.6
0°	152.9	153.3	153.3	153.3	153.5	153.6	154.0	154.3	154.4	154.4	154.0
-1.25°	151.7	152.1	152.1	152.1	152.2	152.4	152.7	153.2	153.4	153.5	153.3
-2.5°	150.6	151.1	151.2	151.4	151.7	152.0	152.5	152.8	152.9	152.8	152.8
-3.75°	149.6	150.2	150.5	150.6	150.7	150.9	151.2	152.1	152.9	153.7	153.1
-5°	148.3	148.9	149.2	149.5	150.1	150.8	151.7	152.0	152.1	151.8	151.6
-6.25°	147.1	148.0	149.0	149.6	150.1	150.1	150.1	150.2	150.4	150.9	151.9
-7.5°	146.5	147.6	148.3	148.4	148.3	148.4	148.5	148.8	150.1	150.6	149.9
-8.75°	145.3	146.0	146.5	146.7	146.8	146.9	147.8	148.9	148.8	148.5	149.1
-10°	143.4	144.2	144.7	145.2	145.6	146.6	147.5	147.0	146.9	147.4	148.6
-11.25°	141.4	142.2	142.8	144.1	145.4	145.7	145.2	145.2	145.7	146.7	147.2
-12.5°	139.4	140.5	142.1	143.4	143.8	143.6	143.6	144.1	144.9	145.6	145.3
-13.75°	137.9	139.4	141.0	141.3	141.3	141.8	142.3	143.1	144.0	143.8	143.5
-15°	136.5	137.8	138.3	138.7	139.3	140.0	141.0	142.1	142.2	142.0	141.6
-16.25°	134.6	135.1	135.6	136.4	137.4	138.4	139.6	140.3	140.4	140.1	140.0
-17.5°	131.9	132.3	133.3	134.3	135.4	136.7	137.7	138.0	138.1	138.2	138.4
-18.75°	129.1	130.0	131.0	132.2	133.5	134.7	135.2	135.6	135.7	135.9	136.4
-20°	126.7	127.7	128.8	130.1	131.4	132.2	132.7	133.0	133.1	133.7	134.2
-21.25°	124.5	125.4	126.6	127.9	128.9	129.6	130.1	130.2	130.6	131.3	131.9



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	122.0	123.3	124.4	125.5	126.2	126.9	127.1	127.3	128.1	128.7	129.3
-23.75°	119.5	120.8	122.1	122.9	123.6	124.0	124.2	124.7	125.4	126.1	126.6
-25°	116.9	118.2	119.3	120.3	121.0	121.2	121.3	122.1	122.7	123.4	123.9
-26.25°	114.1	115.4	116.5	117.4	118.0	118.4	118.8	119.5	120.1	120.7	121.3
-27.5°	111.1	112.4	113.6	114.4	114.9	115.3	116.1	116.9	117.5	118.0	118.8
-28.75°	108.1	109.4	110.5	111.2	111.8	112.5	113.4	114.2	114.8	115.3	116.3
-30°	105.1	106.4	107.3	108.0	108.5	109.6	110.6	111.4	111.9	112.5	113.4
-31.25°	102.1	103.3	104.1	104.7	105.4	106.5	107.5	108.3	108.9	109.6	110.5
-32.5°	99.2	100.1	100.8	101.5	102.4	103.4	104.3	105.1	105.7	106.6	107.4
-33.75°	96.3	97.0	97.6	98.3	99.4	100.3	101.1	101.8	102.5	103.5	104.3
-35°	93.1	93.7	94.3	95.2	96.2	97.1	97.9	98.6	99.2	100.0	100.8
-36.25°	89.7	90.3	90.9	91.9	92.8	93.6	94.3	95.0	95.8	96.5	97.0
-37.5°	86.2	86.8	87.5	88.4	89.3	90.1	90.6	91.1	91.9	92.6	93.0
-38.75°	82.5	83.1	84.0	84.8	85.6	86.1	86.6	87.2	88.0	88.6	88.9
-40°	78.7	79.3	80.1	80.9	81.7	82.2	82.5	83.1	83.7	84.3	84.5
-41.25°	74.6	75.4	76.1	76.7	77.2	77.6	78.0	78.5	79.4	79.9	80.0
-42.5°	70.1	70.0	70.5	71.6	72.7	72.9	73.0	72.4	72.2	72.4	72.9
-43.75°	64.6	64.0	63.6	63.9	64.7	65.6	66.2	65.6	64.6	63.9	63.9
-45°	57.6	57.6	57.0	56.2	56.3	56.7	57.2	57.4	57.1	56.7	56.3
-46.25°	51.1	51.7	51.7	51.2	50.6	49.8	49.7	49.7	50.0	50.2	50.2
-47.5°	47.0	47.1	46.9	46.3	45.7	45.0	45.2	45.3	45.2	45.2	45.1
-48.75°	43.2	43.3	43.0	42.3	41.5	40.9	40.9	40.9	40.9	41.0	40.9
-50°	39.7	39.7	39.2	38.5	37.8	37.4	37.3	37.3	37.2	37.2	37.1
-51.25°	36.4	36.3	35.6	34.9	34.1	33.9	33.8	33.7	33.6	33.6	33.6
-52.5°	33.1	32.8	32.1	31.4	30.6	30.4	30.3	30.1	30.0	30.0	30.0
-53.75°	29.7	29.1	28.2	27.4	26.7	26.7	26.7	26.5	26.4	26.4	26.3
-55°	26.2	25.3	24.1	22.9	22.1	22.0	21.8	21.7	21.8	21.9	21.9
-56.25°	22.1	21.1	20.0	18.7	17.7	17.2	16.8	16.5	16.6	16.7	16.6
-57.5°	17.9	17.0	16.0	14.9	14.2	13.8	13.3	12.8	12.6	12.3	12.0
-58.75°	14.9	13.9	12.7	11.5	10.9	10.5	10.1	9.7	9.4	9.1	8.8
-60°	12.1	11.1	10.1	8.9	8.4	7.9	7.4	6.9	6.6	6.2	5.8
-61.25°	10.1	9.0	7.8	6.7	6.0	5.4	4.9	4.4	4.1	3.7	3.3
-62.5°	8.4	7.4	6.4	5.5	4.9	4.3	3.6	3.0	2.5	2.0	1.4
-63.75°	7.3	6.3	5.2	4.4	3.9	3.4	2.9	2.5	2.1	1.7	1.3
-65°	6.7	5.8	4.8	4.1	3.6	3.0	2.5	2.1	1.8	1.4	1.1
-66.25°	6.2	5.3	4.4	3.8	3.3	2.8	2.3	2.0	1.7	1.4	1.1
-67.5°	5.7	4.9	4.1	3.6	3.1	2.6	2.2	1.9	1.6	1.3	1.0
-68.75°	5.2	4.5	3.7	3.3	2.9	2.4	2.0	1.7	1.5	1.2	1.0
-70°	4.8	4.1	3.4	3.0	2.6	2.2	1.9	1.6	1.4	1.1	0.9
-71.25°	4.3	3.7	3.2	2.8	2.5	2.1	1.8	1.5	1.3	1.0	0.8
-72.5°	3.9	3.4	2.9	2.6	2.2	1.9	1.6	1.4	1.2	1.0	0.8
-73.75°	3.6	3.1	2.6	2.3	2.0	1.7	1.5	1.3	1.1	0.9	0.7
-75°	3.2	2.8	2.4	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.7
-76.25°	2.8	2.5	2.2	1.9	1.7	1.4	1.3	1.1	0.9	0.8	0.7
-77.5°	2.5	2.2	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.7	0.6



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2.2	1.9	1.7	1.5	1.3	1.1	1.0	0.9	0.8	0.7	0.6
-80°	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.5
-81.25°	1.6	1.5	1.3	1.2	1.0	0.9	0.8	0.7	0.6	0.6	0.5
-82.5°	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4
-83.75°	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.4
-85°	1.0	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3
-86.25°	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.3
-87.5°	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3
-88.75°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
-90°	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2
88.75°	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.5	6.5
87.5°	8.3	8.3	8.4	8.4	8.3	8.3	8.3	8.3	8.3	8.4	8.4
86.25°	11.8	11.8	11.9	11.9	11.8	11.8	11.8	11.8	11.8	11.9	11.9
85°	15.3	15.4	15.4	15.4	15.3	15.3	15.2	15.3	15.3	15.4	15.4
83.75°	19.9	20.0	20.1	20.1	20.0	19.9	19.8	19.9	20.0	20.1	20.1
82.5°	24.6	24.7	24.8	24.7	24.6	24.5	24.4	24.5	24.6	24.7	24.8
81.25°	29.9	30.0	30.2	30.1	30.0	29.9	29.8	29.9	30.0	30.1	30.2
80°	35.3	35.4	35.5	35.5	35.4	35.3	35.2	35.3	35.4	35.5	35.5
78.75°	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
77.5°	46.7	46.7	46.6	46.7	46.8	46.9	46.9	46.9	46.8	46.7	46.6
76.25°	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.0
75°	59.2	59.3	59.4	59.4	59.4	59.3	59.2	59.3	59.4	59.4	59.4
73.75°	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.5	65.5
72.5°	71.7	71.6	71.5	71.6	71.8	71.9	71.9	71.9	71.8	71.6	71.5
71.25°	78.0	77.9	77.8	78.0	78.1	78.2	78.3	78.2	78.1	78.0	77.8
70°	84.4	84.3	84.2	84.3	84.5	84.6	84.7	84.6	84.5	84.3	84.2
68.75°	90.6	90.5	90.4	90.5	90.7	90.8	90.9	90.8	90.7	90.5	90.4
67.5°	96.8	96.8	96.7	96.8	96.9	97.0	97.1	97.0	96.9	96.8	96.7
66.25°	102.9	102.8	102.7	102.8	103.0	103.1	103.2	103.1	103.0	102.8	102.7
65°	108.9	108.9	108.8	108.9	109.1	109.2	109.3	109.2	109.1	108.9	108.8
63.75°	114.7	114.6	114.5	114.6	114.8	115.0	115.1	115.0	114.8	114.6	114.5
62.5°	120.4	120.4	120.3	120.3	120.6	120.7	120.8	120.7	120.6	120.3	120.3
61.25°	125.7	125.7	125.5	125.6	125.8	126.0	126.1	126.0	125.8	125.6	125.5
60°	130.9	130.9	130.8	130.8	131.1	131.3	131.4	131.3	131.1	130.8	130.8
58.75°	135.8	135.7	135.6	135.6	135.9	136.1	136.2	136.1	135.9	135.6	135.6
57.5°	140.5	140.4	140.3	140.3	140.6	140.8	141.0	140.8	140.6	140.3	140.3
56.25°	144.7	144.6	144.5	144.4	144.7	144.9	145.1	144.9	144.7	144.4	144.5
55°	148.7	148.7	148.5	148.5	148.8	149.0	149.2	149.0	148.8	148.5	148.5
53.75°	152.4	152.3	152.2	152.1	152.4	152.6	152.8	152.6	152.4	152.1	152.2
52.5°	155.9	155.8	155.7	155.7	155.9	156.1	156.3	156.1	155.9	155.7	155.7
51.25°	159.1	159.0	158.8	158.7	159.0	159.3	159.5	159.3	159.0	158.7	158.8
50°	162.1	162.0	161.9	161.7	162.1	162.4	162.7	162.4	162.1	161.7	161.9
48.75°	164.9	164.7	164.5	164.2	164.6	165.0	165.3	165.0	164.6	164.2	164.5
47.5°	167.4	167.3	167.1	166.8	167.2	167.5	167.8	167.5	167.2	166.8	167.1
46.25°	169.5	169.2	169.0	168.7	169.0	169.4	169.7	169.4	169.0	168.7	169.0
45°	171.2	171.0	170.7	170.5	170.8	171.2	171.6	171.2	170.8	170.5	170.7
43.75°	172.3	171.9	171.6	171.4	171.6	172.0	172.4	172.0	171.6	171.4	171.6
42.5°	173.0	172.6	172.4	172.1	172.4	172.8	173.2	172.8	172.4	172.1	172.4
41.25°	173.5	173.0	172.7	172.5	172.7	173.1	173.6	173.1	172.7	172.5	172.7
40°	173.8	173.2	173.0	172.8	173.0	173.4	173.9	173.4	173.0	172.8	173.0
38.75°	174.1	173.4	173.2	173.0	173.2	173.7	174.2	173.7	173.2	173.0	173.2
37.5°	174.3	173.5	173.3	173.2	173.3	173.9	174.5	173.9	173.3	173.2	173.3
36.25°	174.4	173.7	173.4	173.2	173.4	174.0	174.7	174.0	173.4	173.2	173.4
35°	174.5	173.7	173.4	173.3	173.4	174.2	174.9	174.2	173.4	173.3	173.4

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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°	174.6	173.7	173.3	173.2	173.3	174.1	174.9	174.1	173.3
32.5°	174.5	173.7	173.1	173.1	173.2	174.1	174.9	174.1	173.2
31.25°	174.3	173.4	172.6	172.6	172.7	173.5	174.5	173.5	172.7
30°	173.8	172.8	171.9	172.0	172.0	173.0	174.0	173.0	172.0
28.75°	173.0	172.1	171.1	171.0	171.1	172.1	173.2	172.1	171.1
27.5°	171.8	171.2	170.2	170.0	170.1	171.1	172.3	171.1	170.1
26.25°	170.6	170.4	169.5	169.2	169.3	170.3	171.6	170.3	169.3
25°	169.7	169.8	168.8	168.4	168.5	169.5	170.8	169.5	168.5
23.75°	168.7	169.1	168.2	167.6	167.8	168.7	170.1	168.7	167.8
22.5°	167.8	168.2	167.7	166.9	167.1	167.9	169.3	167.9	167.1
21.25°	166.8	167.2	167.0	166.0	166.2	167.0	168.5	167.0	166.2
20°	166.0	166.0	166.2	165.2	165.2	166.1	167.7	166.1	165.2
18.75°	165.3	164.8	165.2	164.1	163.9	164.7	166.4	164.7	163.9
17.5°	164.3	163.4	163.7	163.0	162.5	163.3	165.1	163.3	162.5
16.25°	163.3	162.4	162.3	162.0	161.3	162.1	164.0	162.1	161.3
15°	162.1	161.6	161.0	161.2	160.1	160.8	162.9	160.8	160.1
13.75°	161.1	161.1	159.8	160.4	159.3	159.9	162.1	159.9	159.3
12.5°	160.1	160.3	159.6	159.4	158.8	159.0	161.3	159.0	158.8
11.25°	159.1	159.5	159.4	158.3	158.1	158.0	160.4	158.0	158.1
10°	158.3	158.4	158.7	157.4	157.5	156.9	159.4	156.9	157.5
8.75°	158.5	157.3	157.5	157.2	156.5	155.6	158.2	155.6	156.5
7.5°	157.7	157.5	156.2	156.4	155.1	154.2	157.0	154.2	155.1
6.25°	156.2	156.5	155.8	155.0	154.5	153.5	156.1	153.5	154.5
5°	156.2	155.2	155.4	154.0	154.5	153.3	155.1	153.3	154.5
3.75°	155.3	154.8	154.4	154.4	153.4	152.9	155.0	152.9	153.4
2.5°	154.3	154.0	153.8	153.9	154.4	154.1	154.9	154.1	154.4
1.25°	154.1	153.7	153.3	153.4	153.8	154.1	154.1	154.1	153.8
0°	153.6	153.3	153.0	153.3	153.6	153.5	153.3	153.5	153.6
-1.25°	153.1	152.7	152.1	153.4	152.9	152.7	152.3	152.7	152.9
-2.5°	153.3	153.3	152.1	152.2	152.0	151.1	151.2	151.1	152.0
-3.75°	152.3	151.7	151.9	151.2	150.9	151.2	150.5	151.2	150.9
-5°	152.1	151.5	151.0	151.3	149.8	150.8	149.7	150.8	149.8
-6.25°	151.0	150.8	151.5	149.9	149.8	149.7	149.5	149.7	149.8
-7.5°	150.2	151.5	150.0	149.2	150.0	149.2	149.2	149.2	150.0
-8.75°	150.2	149.7	148.9	148.9	150.0	149.0	148.9	149.0	150.0
-10°	148.8	148.1	147.8	148.5	149.4	148.7	148.5	148.7	149.4
-11.25°	146.8	146.5	146.8	147.8	147.9	147.7	147.5	147.7	147.9
-12.5°	145.0	145.1	145.7	146.9	146.4	146.7	146.5	146.7	146.4
-13.75°	143.3	143.6	144.4	145.6	144.5	145.1	145.0	145.1	144.5
-15°	141.8	142.2	143.1	143.9	142.9	143.5	143.4	143.5	142.9
-16.25°	140.2	140.8	141.8	142.0	141.3	141.8	141.8	141.8	141.3
-17.5°	138.7	139.2	140.3	140.0	139.7	140.1	140.2	140.1	139.7
-18.75°	137.1	137.8	138.8	138.0	137.9	138.3	138.4	138.3	137.9
-20°	134.9	135.9	136.6	135.9	136.1	136.5	136.6	136.5	136.1
-21.25°	132.5	133.7	134.0	133.2	133.6	133.9	134.0	133.9	133.6



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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°
173.2	173.3	-22.5°	130.1	131.2	131.2	130.7	131.1	131.4	131.3	131.4	131.1
173.1	173.1	-23.75°	127.5	128.6	128.3	128.0	128.3	128.5	128.5	128.5	128.3
172.6	172.6	-25°	125.0	125.7	125.3	125.2	125.5	125.7	125.7	125.7	125.5
172.0	171.9	-26.25°	122.4	122.8	122.4	122.4	122.7	122.8	122.9	122.8	122.7
171.0	171.1	-27.5°	119.7	119.9	119.5	119.6	119.8	119.9	120.0	119.9	119.8
170.0	170.2	-28.75°	117.1	117.1	116.8	116.9	117.1	117.2	117.3	117.2	117.1
169.2	169.5	-30°	114.2	114.2	114.0	114.2	114.4	114.5	114.6	114.5	114.4
168.4	168.8	-31.25°	111.1	111.1	111.1	111.2	111.3	111.5	111.5	111.5	111.3
167.6	168.2	-32.5°	107.9	108.0	108.0	108.2	108.3	108.4	108.4	108.4	108.3
166.9	167.7	-33.75°	104.6	104.6	104.7	104.9	104.9	105.1	105.1	105.1	104.9
166.0	167.0	-35°	101.0	101.1	101.3	101.4	101.6	101.7	101.8	101.7	101.6
165.2	166.2	-36.25°	97.2	97.2	97.4	97.5	97.6	97.8	97.9	97.8	97.6
164.1	165.2	-37.5°	93.2	93.2	93.4	93.5	93.7	93.8	93.9	93.8	93.7
163.0	163.7	-38.75°	89.0	89.0	89.1	89.2	89.3	89.4	89.5	89.4	89.3
162.0	162.3	-40°	84.6	84.7	84.8	84.8	84.9	85.0	85.0	85.0	84.9
161.2	161.0	-41.25°	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3
160.4	159.8	-42.5°	73.4	74.0	74.6	74.9	75.3	75.6	75.6	75.6	75.3
159.4	159.6	-43.75°	63.8	64.1	64.5	64.7	65.0	65.2	65.2	65.2	65.0
158.3	159.4	-45°	55.7	55.4	55.3	55.0	55.0	54.9	54.7	54.9	55.0
157.4	158.7	-46.25°	50.0	50.0	49.9	49.8	49.8	49.8	49.6	49.8	49.8
157.2	157.5	-47.5°	44.9	44.9	44.8	44.7	44.7	44.6	44.5	44.6	44.7
156.4	156.2	-48.75°	40.8	40.8	40.8	40.7	40.7	40.6	40.5	40.6	40.7
155.0	155.8	-50°	36.9	36.9	36.8	36.7	36.7	36.6	36.5	36.6	36.7
154.0	155.4	-51.25°	33.4	33.3	33.2	33.0	33.0	32.9	32.8	32.9	33.0
154.4	154.4	-52.5°	29.9	29.7	29.5	29.3	29.2	29.2	29.0	29.2	29.2
153.9	153.8	-53.75°	26.1	25.9	25.7	25.5	25.4	25.3	25.1	25.3	25.4
153.4	153.3	-55°	21.9	21.9	21.7	21.6	21.5	21.3	21.1	21.3	21.5
153.3	153.0	-56.25°	16.6	16.5	16.4	16.3	16.3	16.3	16.2	16.3	16.3
153.4	152.1	-57.5°	11.8	11.6	11.3	11.1	11.2	11.3	11.3	11.3	11.2
152.2	152.1	-58.75°	8.6	8.4	8.1	8.0	8.0	8.1	8.1	8.1	8.0
151.2	151.9	-60°	5.5	5.3	5.0	4.9	4.9	4.9	4.9	4.9	4.9
151.3	151.0	-61.25°	3.1	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.6
149.9	151.5	-62.5°	1.1	0.8	0.5	0.4	0.3	0.3	0.2	0.3	0.3
149.2	150.0	-63.75°	1.0	0.8	0.5	0.4	0.3	0.2	0.2	0.2	0.3
148.9	148.9	-65°	0.9	0.7	0.5	0.3	0.3	0.2	0.1	0.2	0.3
148.5	147.8	-66.25°	0.9	0.7	0.5	0.3	0.3	0.2	0.1	0.2	0.3
147.8	146.8	-67.5°	0.8	0.6	0.5	0.3	0.3	0.2	0.1	0.2	0.3
146.9	145.7	-68.75°	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.2	0.2
145.6	144.4	-70°	0.7	0.5	0.3	0.3	0.2	0.2	0.1	0.2	0.2
143.9	143.1	-71.25°	0.7	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2
142.0	141.8	-72.5°	0.6	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.3
140.0	140.3	-73.75°	0.6	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2
138.0	138.8	-75°	0.6	0.4	0.3	0.3	0.2	0.2	0.1	0.2	0.2
135.9	136.6	-76.25°	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.2	0.2
133.2	134.0	-77.5°	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.2	0.2



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 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

3.75°	5°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
0.2	0.3	90°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
0.2	0.2	88.75°	6.5	6.5	6.4	6.4	6.5	6.5	6.6	6.6	6.6
0.2	0.2	87.5°	8.3	8.3	8.2	8.1	8.3	8.4	8.5	8.6	8.5
0.2	0.2	86.25°	11.8	11.8	11.7	11.6	11.7	11.7	11.8	11.9	11.8
0.2	0.2	85°	15.4	15.3	15.2	15.1	15.2	15.2	15.3	15.3	15.2
0.2	0.2	83.75°	20.0	19.9	19.8	19.6	19.7	19.8	19.8	19.8	19.6
0.2	0.2	82.5°	24.7	24.6	24.4	24.3	24.4	24.4	24.5	24.5	24.3
0.2	0.2	81.25°	30.0	29.9	29.7	29.6	29.7	29.7	29.7	29.7	29.5
0.2	0.2	80°	35.4	35.3	35.1	35.0	35.0	35.1	35.1	35.1	34.8
4.6	4.6	78.75°	41.0	41.0	40.9	40.8	40.9	41.0	41.0	41.0	40.6
		77.5°	46.7	46.7	46.7	46.7	46.9	47.0	47.1	47.0	46.7
		76.25°	53.0	52.9	52.9	52.8	53.0	53.1	53.2	53.1	52.8
		75°	59.3	59.2	59.1	59.0	59.1	59.2	59.3	59.2	58.9
		73.75°	65.5	65.4	65.3	65.3	65.3	65.4	65.4	65.3	64.9
		72.5°	71.6	71.7	71.6	71.6	71.6	71.5	71.5	71.3	71.0
		71.25°	77.9	78.0	78.0	78.0	78.0	77.9	77.8	77.5	77.2
		70°	84.3	84.4	84.4	84.4	84.4	84.4	84.3	84.0	83.5
		68.75°	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.2	89.8
		67.5°	96.8	96.8	96.8	96.8	96.8	96.8	96.6	96.3	95.9
		66.25°	102.8	102.9	102.8	102.9	102.9	102.8	102.7	102.4	102.1
		65°	108.9	108.9	108.9	108.9	108.9	108.9	108.7	108.4	108.0
		63.75°	114.6	114.7	114.7	114.7	114.7	114.7	114.5	114.3	113.9
		62.5°	120.4	120.4	120.4	120.3	120.3	120.1	120.0	119.7	119.4
		61.25°	125.7	125.7	125.7	125.7	125.7	125.6	125.4	125.2	124.9
		60°	130.9	130.9	130.9	131.0	131.0	130.9	130.7	130.4	130.1
		58.75°	135.7	135.8	135.8	135.9	136.0	136.0	135.8	135.6	135.2
		57.5°	140.4	140.5	140.5	140.5	140.5	140.5	140.3	140.0	139.7
		56.25°	144.6	144.7	144.8	144.9	144.9	144.8	144.7	144.5	144.2
		55°	148.7	148.7	148.8	148.9	149.0	148.9	148.7	148.5	148.3
		53.75°	152.3	152.4	152.6	152.7	152.9	152.9	152.8	152.5	152.2
		52.5°	155.8	155.9	156.1	156.3	156.5	156.5	156.3	156.1	155.8
		51.25°	159.0	159.1	159.4	159.6	159.9	159.9	159.8	159.5	159.2
		50°	162.0	162.1	162.4	162.7	162.9	162.8	162.6	162.4	162.2
		48.75°	164.7	164.9	165.2	165.5	165.8	165.7	165.4	165.1	164.8
		47.5°	167.3	167.4	167.8	168.0	168.3	168.0	167.7	167.4	167.3
		46.25°	169.2	169.5	169.9	170.3	170.5	170.3	170.0	169.7	169.4
		45°	171.0	171.2	171.6	172.0	172.1	171.9	171.6	171.5	171.4
		43.75°	171.9	172.3	172.9	173.4	173.6	173.3	173.0	172.8	172.7
		42.5°	172.6	173.0	173.7	174.2	174.2	174.1	173.9	174.0	174.1
		41.25°	173.0	173.5	174.2	174.9	174.9	174.8	174.7	174.8	174.9
		40°	173.2	173.8	174.6	175.1	175.1	175.1	175.2	175.5	175.7
		38.75°	173.4	174.1	174.8	175.3	175.3	175.2	175.5	175.7	176.0
		37.5°	173.5	174.3	175.1	175.3	175.3	175.3	175.6	176.0	176.2
		36.25°	173.7	174.4	175.2	175.3	175.3	175.3	175.7	176.0	176.3
		35°	173.7	174.5	175.3	175.2	175.2	175.3	175.7	176.0	176.3

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
0.5	0.6	33.75°	173.7	174.6	175.2	175.1	175.0	175.3	175.7	176.0	176.2
6.6	6.5	32.5°	173.7	174.5	174.9	174.9	174.9	175.2	175.6	175.9	176.1
8.5	8.4	31.25°	173.4	174.3	174.6	174.6	174.7	175.1	175.4	175.6	175.9
11.7	11.6	30°	172.8	173.8	173.8	173.8	174.2	174.8	175.1	175.3	175.5
15.0	14.9	28.75°	172.1	173.0	173.0	172.9	173.5	174.0	174.4	174.7	175.0
19.5	19.3	27.5°	171.2	171.8	171.7	171.9	172.6	173.2	173.5	173.8	174.1
24.1	23.9	26.25°	170.4	170.6	170.4	170.9	171.6	172.0	172.4	172.8	173.1
29.3	29.0	25°	169.8	169.7	169.4	170.0	170.6	170.9	171.2	171.6	172.0
34.6	34.3	23.75°	169.1	168.7	168.7	169.3	169.7	169.9	170.0	170.3	170.8
40.3	40.0	22.5°	168.2	167.8	168.0	168.7	168.8	168.9	169.0	169.2	169.5
46.3	46.0	21.25°	167.2	166.8	167.4	167.9	167.9	167.9	168.0	168.2	168.6
52.4	52.0	20°	166.0	166.0	166.8	167.0	167.0	167.0	167.0	167.3	167.7
58.5	58.1	18.75°	164.8	165.3	166.0	165.9	165.9	166.0	166.2	166.7	166.7
64.6	64.2	17.5°	163.4	164.3	164.7	164.8	164.9	165.0	165.7	165.9	165.9
70.7	70.3	16.25°	162.4	163.3	163.4	163.5	163.7	164.3	164.8	164.9	164.8
76.9	76.5	15°	161.6	162.1	162.1	162.2	162.7	163.6	163.8	163.8	163.6
83.1	82.6	13.75°	161.1	161.1	161.0	161.1	162.2	162.4	162.7	162.6	162.8
89.3	88.7	12.5°	160.3	160.1	159.8	160.7	161.1	161.2	161.2	161.7	162.8
95.5	94.9	11.25°	159.5	159.1	159.4	160.0	160.1	159.9	160.4	161.6	162.1
101.7	101.1	10°	158.4	158.3	159.3	159.2	158.8	159.4	160.4	160.5	160.5
107.6	107.0	8.75°	157.3	158.5	158.5	158.0	158.6	159.3	159.1	159.1	159.5
113.5	112.9	7.5°	157.5	157.7	157.1	158.1	158.4	158.0	158.1	158.4	158.5
119.0	118.4	6.25°	156.5	156.2	157.5	157.4	157.3	157.4	157.2	157.0	156.8
124.5	123.9	5°	155.2	156.2	156.4	156.6	156.6	156.3	156.0	156.2	156.4
129.7	129.0	3.75°	154.8	155.3	155.5	155.4	155.7	156.0	156.1	155.9	155.8
134.7	134.0	2.5°	154.0	154.3	155.0	155.4	155.4	155.4	155.1	154.9	154.9
139.3	138.7	1.25°	153.7	154.1	154.6	155.0	155.0	155.0	154.7	154.4	154.3
143.7	143.1	0°	153.3	153.6	154.0	154.4	154.4	154.3	154.0	153.6	153.5
147.9	147.4	-1.25°	152.7	153.1	153.3	153.5	153.4	153.2	152.7	152.4	152.2
151.8	151.3	-2.5°	153.3	153.3	152.8	152.8	152.9	152.8	152.5	152.0	151.7
155.4	155.1	-3.75°	151.7	152.3	153.1	153.7	152.9	152.1	151.2	150.9	150.7
158.8	158.4	-5°	151.5	152.1	151.6	151.8	152.1	152.0	151.7	150.8	150.1
161.9	161.7	-6.25°	150.8	151.0	151.9	150.9	150.4	150.2	150.1	150.1	150.1
164.6	164.3	-7.5°	151.5	150.2	149.9	150.6	150.1	148.8	148.5	148.4	148.3
167.2	166.9	-8.75°	149.7	150.2	149.1	148.5	148.8	148.9	147.8	146.9	146.8
169.2	169.0	-10°	148.1	148.8	148.6	147.4	146.9	147.0	147.5	146.6	145.6
171.2	171.0	-11.25°	146.5	146.8	147.2	146.7	145.7	145.2	145.2	145.7	145.4
172.6	172.7	-12.5°	145.1	145.0	145.3	145.6	144.9	144.1	143.6	143.6	143.8
173.9	174.1	-13.75°	143.6	143.3	143.5	143.8	144.0	143.1	142.3	141.8	141.3
175.0	175.3	-15°	142.2	141.8	141.6	142.0	142.2	142.1	141.0	140.0	139.3
175.9	176.1	-16.25°	140.8	140.2	140.0	140.1	140.4	140.3	139.6	138.4	137.4
176.4	176.9	-17.5°	139.2	138.7	138.4	138.2	138.1	138.0	137.7	136.7	135.4
176.5	176.9	-18.75°	137.8	137.1	136.4	135.9	135.7	135.6	135.2	134.7	133.5
176.6	176.9	-20°	135.9	134.9	134.2	133.7	133.1	133.0	132.7	132.2	131.4
176.6	176.8	-21.25°	133.7	132.5	131.9	131.3	130.6	130.2	130.1	129.6	128.9

REPORT NUMBER: P394914 (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°
176.6	176.6	-22.5°	131.2	130.1	129.3	128.7	128.1	127.3	127.1	126.9	126.2
176.3	176.3	-23.75°	128.6	127.5	126.6	126.1	125.4	124.7	124.2	124.0	123.6
176.0	176.0	-25°	125.7	125.0	123.9	123.4	122.7	122.1	121.3	121.2	121.0
175.5	175.6	-26.25°	122.8	122.4	121.3	120.7	120.1	119.5	118.8	118.4	118.0
175.0	175.1	-27.5°	119.9	119.7	118.8	118.0	117.5	116.9	116.1	115.3	114.9
174.3	174.5	-28.75°	117.1	117.1	116.3	115.3	114.8	114.2	113.4	112.5	111.8
173.4	173.7	-30°	114.2	114.2	113.4	112.5	111.9	111.4	110.6	109.6	108.5
172.5	172.8	-31.25°	111.1	111.1	110.5	109.6	108.9	108.3	107.5	106.5	105.4
171.3	171.8	-32.5°	108.0	107.9	107.4	106.6	105.7	105.1	104.3	103.4	102.4
170.1	170.5	-33.75°	104.6	104.6	104.3	103.5	102.5	101.8	101.1	100.3	99.4
168.9	169.2	-35°	101.1	101.0	100.8	100.0	99.2	98.6	97.9	97.1	96.2
167.9	168.1	-36.25°	97.2	97.2	97.0	96.5	95.8	95.0	94.3	93.6	92.8
166.8	166.9	-37.5°	93.2	93.2	93.0	92.6	91.9	91.1	90.6	90.1	89.3
165.7	165.6	-38.75°	89.0	89.0	88.9	88.6	88.0	87.2	86.6	86.1	85.6
164.6	164.7	-40°	84.7	84.6	84.5	84.3	83.7	83.1	82.5	82.2	81.7
163.7	164.6	-41.25°	80.1	80.1	80.0	79.9	79.4	78.5	78.0	77.6	77.2
163.7	164.5	-42.5°	74.0	73.4	72.9	72.4	72.2	72.4	73.0	72.9	72.7
163.4	163.1	-43.75°	64.1	63.8	63.9	63.9	64.6	65.6	66.2	65.6	64.7
161.9	161.7	-45°	55.4	55.7	56.3	56.7	57.1	57.4	57.2	56.7	56.3
160.7	160.9	-46.25°	50.0	50.0	50.2	50.2	50.0	49.7	49.7	49.8	50.6
159.9	159.9	-47.5°	44.9	44.9	45.1	45.2	45.2	45.3	45.2	45.0	45.7
158.4	158.2	-48.75°	40.8	40.8	40.9	41.0	40.9	40.9	40.9	40.9	41.5
157.0	157.5	-50°	36.9	36.9	37.1	37.2	37.2	37.3	37.3	37.4	37.8
156.8	157.1	-51.25°	33.3	33.4	33.6	33.6	33.6	33.7	33.8	33.9	34.1
155.8	155.9	-52.5°	29.7	29.9	30.0	30.0	30.0	30.1	30.3	30.4	30.6
154.9	155.0	-53.75°	25.9	26.1	26.3	26.4	26.4	26.5	26.7	26.7	26.7
154.1	154.1	-55°	21.9	21.9	21.9	21.9	21.8	21.7	21.8	22.0	22.1
153.3	153.3	-56.25°	16.5	16.6	16.6	16.7	16.6	16.5	16.8	17.2	17.7
152.1	152.1	-57.5°	11.6	11.8	12.0	12.3	12.6	12.8	13.3	13.8	14.2
151.4	151.2	-58.75°	8.4	8.6	8.8	9.1	9.4	9.7	10.1	10.5	10.9
150.6	150.5	-60°	5.3	5.5	5.8	6.2	6.6	6.9	7.4	7.9	8.4
149.5	149.2	-61.25°	2.9	3.1	3.3	3.7	4.1	4.4	4.9	5.4	6.0
149.6	149.0	-62.5°	0.8	1.1	1.4	2.0	2.5	3.0	3.6	4.3	4.9
148.4	148.3	-63.75°	0.8	1.0	1.3	1.7	2.1	2.5	2.9	3.4	3.9
146.7	146.5	-65°	0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.6
145.2	144.7	-66.25°	0.7	0.9	1.1	1.4	1.7	2.0	2.3	2.8	3.3
144.1	142.8	-67.5°	0.6	0.8	1.0	1.3	1.6	1.9	2.2	2.6	3.1
143.4	142.1	-68.75°	0.6	0.8	1.0	1.2	1.5	1.7	2.0	2.4	2.9
141.3	141.0	-70°	0.5	0.7	0.9	1.1	1.4	1.6	1.9	2.2	2.6
138.7	138.3	-71.25°	0.5	0.7	0.8	1.0	1.3	1.5	1.8	2.1	2.5
136.4	135.6	-72.5°	0.5	0.6	0.8	1.0	1.2	1.4	1.6	1.9	2.2
134.3	133.3	-73.75°	0.5	0.6	0.7	0.9	1.1	1.3	1.5	1.7	2.0
132.2	131.0	-75°	0.4	0.6	0.7	0.8	1.0	1.2	1.4	1.6	1.9
130.1	128.8	-76.25°	0.4	0.5	0.7	0.8	0.9	1.1	1.3	1.4	1.7
127.9	126.6	-77.5°	0.4	0.5	0.6	0.7	0.9	1.0	1.2	1.3	1.5



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
125.5	124.4	-78.75°	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.3
122.9	122.1	-80°	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.2
120.3	119.3	-81.25°	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.0
117.4	116.5	-82.5°	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	0.9
114.4	113.6	-83.75°	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8
111.2	110.5	-85°	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7
108.0	107.3	-86.25°	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
104.7	104.1	-87.5°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5
101.5	100.8	-88.75°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5
98.3	97.6	-90°	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
95.2	94.3										
91.9	90.9										
88.4	87.5										
84.8	84.0										
80.9	80.1										
76.7	76.1										
71.6	70.5										
63.9	63.6										
56.2	57.0										
51.2	51.7										
46.3	46.9										
42.3	43.0										
38.5	39.2										
34.9	35.6										
31.4	32.1										
27.4	28.2										
22.9	24.1										
18.7	20.0										
14.9	16.0										
11.5	12.7										
8.9	10.1										
6.7	7.8										
5.5	6.4										
4.4	5.2										
4.1	4.8										
3.8	4.4										
3.6	4.1										
3.3	3.7										
3.0	3.4										
2.8	3.2										
2.6	2.9										
2.3	2.6										
2.1	2.4										
1.9	2.2										
1.7	1.9										

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
1.5	1.7	90°	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9	0.9
1.3	1.5	88.75°	6.5	6.4	6.4	6.3	6.2	6.2	6.2	6.2	6.2
1.2	1.3	87.5°	8.4	8.3	8.2	8.0	7.9	7.9	7.9	7.9	7.9
1.0	1.1	86.25°	11.5	11.3	11.2	11.1	11.0	10.9	10.8	10.8	10.7
0.9	1.0	85°	14.8	14.7	14.6	14.4	14.3	14.3	14.2	14.1	14.0
0.7	0.8	83.75°	19.1	18.9	18.7	18.5	18.3	18.2	18.1	18.0	17.8
0.7	0.7	82.5°	23.7	23.5	23.3	23.1	22.8	22.7	22.6	22.4	22.2
0.6	0.6	81.25°	28.7	28.5	28.2	27.9	27.6	27.4	27.2	27.0	26.7
0.5	0.6	80°	34.0	33.7	33.4	33.1	32.8	32.6	32.4	32.2	31.9
4.7	4.6	78.75°	39.6	39.2	38.9	38.5	38.1	37.9	37.6	37.4	37.0
		77.5°	45.5	45.1	44.7	44.2	43.9	43.6	43.3	43.0	42.5
		76.25°	51.5	51.1	50.5	50.0	49.6	49.3	49.0	48.7	48.2
		75°	57.6	57.1	56.5	55.9	55.5	55.2	54.9	54.5	53.9
		73.75°	63.7	63.1	62.5	61.8	61.5	61.2	60.8	60.4	59.7
		72.5°	69.8	69.2	68.6	67.9	67.5	67.2	66.8	66.3	65.6
		71.25°	76.0	75.4	74.7	74.0	73.7	73.3	72.8	72.3	71.5
		70°	82.0	81.4	80.8	80.1	79.8	79.3	78.9	78.3	77.4
		68.75°	88.1	87.5	86.9	86.2	85.8	85.4	84.9	84.2	83.3
		67.5°	94.3	93.6	92.9	92.3	91.9	91.5	90.9	90.2	89.2
		66.25°	100.4	99.7	98.9	98.3	97.9	97.4	96.8	96.0	95.1
		65°	106.3	105.6	104.7	104.2	103.8	103.3	102.8	101.8	100.8
		63.75°	112.1	111.3	110.5	110.0	109.6	109.1	108.5	107.5	106.5
		62.5°	117.7	116.9	116.1	115.8	115.4	114.9	114.1	113.1	112.0
		61.25°	123.1	122.3	121.6	121.2	120.8	120.4	119.6	118.6	117.5
		60°	128.3	127.6	127.0	126.6	126.2	125.7	124.7	123.6	122.5
		58.75°	133.3	132.5	132.0	131.7	131.3	130.9	129.7	128.5	127.3
		57.5°	138.1	137.4	137.0	136.7	136.2	135.6	134.4	133.2	131.9
		56.25°	142.5	141.8	141.6	141.3	141.0	140.3	139.0	137.7	136.4
		55°	146.8	146.3	146.0	145.7	145.3	144.4	143.3	142.2	140.9
		53.75°	150.7	150.3	150.1	150.0	149.7	148.5	147.4	146.1	145.0
		52.5°	154.5	154.2	154.0	153.7	153.2	152.3	151.3	150.1	149.0
		51.25°	157.9	157.8	157.7	157.5	156.8	155.8	154.7	153.6	152.7
		50°	161.3	161.1	160.9	160.6	159.9	159.1	158.1	157.0	156.1
		48.75°	164.1	164.1	164.0	163.6	162.8	161.9	161.0	160.3	159.1
		47.5°	166.8	166.7	166.6	166.1	165.5	164.7	163.8	163.1	161.7
		46.25°	169.1	169.2	169.1	168.4	167.7	167.0	166.4	165.7	164.0
		45°	171.1	171.1	171.0	170.5	169.9	169.1	168.4	167.4	166.1
		43.75°	172.9	173.0	172.6	172.0	171.5	170.9	170.4	169.0	167.5
		42.5°	174.2	174.4	174.0	173.6	173.0	172.5	171.7	170.4	169.0
		41.25°	175.6	175.5	175.1	174.7	174.3	174.1	172.9	171.6	170.2
		40°	176.4	176.3	176.2	175.8	175.5	175.0	174.0	172.8	171.3
		38.75°	177.1	176.9	176.7	176.5	176.5	175.7	174.7	173.6	172.5
		37.5°	177.2	177.3	177.1	177.0	176.8	176.2	175.4	174.2	173.1
		36.25°	177.0	177.1	177.2	177.5	177.0	176.3	175.6	174.8	173.7
		35°	176.8	176.9	177.1	177.2	176.9	176.4	175.7	174.9	174.1



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
1.0	1.0	33.75°	176.6	176.7	177.0	176.8	176.5	176.1	175.8	175.0	174.1
6.1	6.0	32.5°	176.4	176.5	176.6	176.4	176.0	175.7	175.3	174.9	174.1
7.8	7.7	31.25°	176.0	176.3	176.2	175.9	175.6	175.2	174.9	174.4	173.9
10.5	10.4	30°	175.8	175.8	175.7	175.4	175.1	174.7	174.3	173.9	173.4
13.8	13.7	28.75°	175.3	175.3	175.1	174.8	174.5	174.1	173.7	173.3	172.9
17.5	17.2	27.5°	174.6	174.6	174.5	174.2	173.9	173.5	173.1	172.7	172.7
21.9	21.6	26.25°	174.0	173.9	173.8	173.7	173.3	172.8	172.4	172.4	172.4
26.3	26.0	25°	173.0	173.1	173.0	172.8	172.5	172.2	172.1	172.1	172.2
31.4	31.0	23.75°	172.0	172.1	172.1	171.9	171.6	171.7	171.8	171.9	171.9
36.6	36.0	22.5°	170.9	171.0	170.9	170.9	171.0	171.4	171.6	171.7	170.7
42.0	41.3	21.25°	169.6	169.7	169.8	170.0	170.7	171.1	171.3	170.4	169.4
47.5	46.9	20°	168.2	168.3	168.7	169.6	170.3	170.7	169.9	169.1	168.1
53.2	52.4	18.75°	166.8	167.1	168.2	169.2	169.6	169.2	168.6	167.7	167.2
59.0	58.2	17.5°	165.8	166.7	167.7	168.2	168.0	167.6	167.2	166.9	166.5
64.8	63.9	16.25°	165.5	166.4	166.5	166.4	166.3	166.2	166.2	166.2	165.8
70.7	69.7	15°	165.3	165.3	164.9	164.7	164.9	165.2	165.3	165.3	164.5
76.5	75.6	13.75°	164.1	163.7	163.4	163.6	163.9	164.2	164.2	163.5	162.8
82.4	81.4	12.5°	162.7	162.5	162.6	162.8	162.9	162.6	162.3	161.6	160.9
88.2	87.2	11.25°	161.8	161.8	161.9	161.5	161.0	160.6	160.3	160.0	159.9
94.1	93.0	10°	161.1	160.8	160.2	159.7	159.2	159.1	159.3	159.5	159.4
99.7	98.5	8.75°	159.6	159.1	158.5	158.4	158.5	158.6	158.8	159.0	158.7
105.4	104.1	7.5°	158.0	158.2	158.1	158.1	158.1	158.1	157.9	157.7	157.3
110.8	109.5	6.25°	157.8	157.9	157.8	157.4	157.1	156.7	156.4	156.2	155.8
116.2	114.7	5°	157.1	156.9	156.7	156.2	155.8	155.4	155.0	154.8	154.4
121.4	119.9	3.75°	156.0	155.8	155.6	155.1	154.6	154.1	153.6	153.4	153.0
126.0	124.7	2.5°	155.1	154.8	154.5	154.0	153.4	152.8	152.3	152.0	151.6
130.8	129.5	1.25°	154.2	153.9	153.5	152.9	152.3	151.7	151.1	150.8	150.4
135.3	133.9	0°	153.3	152.9	152.5	151.9	151.2	150.6	150.0	149.6	149.1
139.8	138.0	-1.25°	152.1	151.7	151.3	150.6	149.9	149.2	148.5	148.1	147.6
144.0	142.2	-2.5°	151.1	150.6	150.1	149.3	148.6	147.8	147.1	146.5	146.0
147.7	145.7	-3.75°	150.2	149.6	149.0	148.2	147.4	146.6	145.8	145.2	144.5
151.2	149.3	-5°	148.9	148.3	147.7	146.9	146.2	145.3	144.5	143.8	143.0
154.3	152.6	-6.25°	148.0	147.1	146.1	145.3	144.5	143.7	142.9	142.2	141.3
157.3	155.4	-7.5°	147.6	146.5	145.3	144.2	143.0	141.9	141.1	140.4	139.4
160.1	158.2	-8.75°	146.0	145.3	144.4	143.2	141.9	140.7	139.7	138.7	137.5
162.3	160.4	-10°	144.2	143.4	142.5	141.6	140.6	139.5	138.4	137.3	135.9
164.4	162.4	-11.25°	142.2	141.4	140.5	139.5	138.6	137.7	136.8	135.6	134.2
166.0	164.3	-12.5°	140.5	139.4	138.5	137.5	136.6	135.7	134.8	133.6	132.3
167.4	165.7	-13.75°	139.4	137.9	136.3	135.4	134.5	133.6	132.6	131.3	130.0
168.8	167.1	-15°	137.8	136.5	135.0	133.4	132.4	131.5	130.2	128.9	127.5
169.9	168.4	-16.25°	135.1	134.6	133.5	132.0	130.6	129.1	127.8	126.5	125.0
171.0	169.4	-17.5°	132.3	131.9	131.4	130.4	128.9	127.1	125.4	123.9	122.5
171.9	170.3	-18.75°	130.0	129.1	128.6	128.1	127.0	125.2	123.4	121.4	119.8
172.4	171.1	-20°	127.7	126.7	125.8	125.1	124.3	123.2	121.2	119.3	117.3
172.9	171.6	-21.25°	125.4	124.5	123.3	122.1	121.3	120.2	119.0	117.1	115.1



REPORT NUMBER: P394914 (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°
173.2	172.0	-22.5°	123.3	122.0	120.7	119.4	118.1	117.1	116.0	114.6	112.7
173.2	172.3	-23.75°	120.8	119.5	118.2	116.8	115.2	113.9	112.8	111.5	110.2
173.1	172.4	-25°	118.2	116.9	115.4	113.9	112.4	110.8	109.5	108.4	107.2
173.0	172.5	-26.25°	115.4	114.1	112.6	111.0	109.6	108.0	106.4	105.3	104.2
172.8	172.6	-27.5°	112.4	111.1	109.7	108.2	106.7	105.2	103.7	102.2	101.2
172.5	172.4	-28.75°	109.4	108.1	106.7	105.3	103.8	102.4	101.0	99.5	98.2
172.3	172.0	-30°	106.4	105.1	103.8	102.4	101.0	99.6	98.2	96.9	95.5
172.0	170.8	-31.25°	103.3	102.1	100.8	99.5	98.2	96.9	95.5	94.3	93.0
170.8	169.7	-32.5°	100.1	99.2	98.0	96.7	95.5	94.2	93.0	91.7	90.4
169.6	168.5	-33.75°	97.0	96.3	95.1	93.9	92.7	91.6	90.4	89.0	87.7
168.4	167.5	-35°	93.7	93.1	92.1	91.0	90.0	88.8	87.5	86.2	85.0
167.4	166.8	-36.25°	90.3	89.7	89.0	88.0	86.9	85.6	84.4	83.3	82.0
166.7	166.1	-37.5°	86.8	86.2	85.5	84.6	83.6	82.4	81.2	80.0	78.8
166.0	165.4	-38.75°	83.1	82.5	81.9	81.2	80.2	79.0	77.8	76.7	75.6
165.1	163.9	-40°	79.3	78.7	78.2	77.5	76.5	75.4	74.3	73.2	72.2
163.4	162.2	-41.25°	75.4	74.6	74.0	73.4	72.8	71.7	70.3	69.6	68.8
161.6	160.5	-42.5°	70.0	70.1	69.7	69.1	67.8	66.5	65.7	65.4	64.7
160.1	159.6	-43.75°	64.0	64.6	63.9	62.7	61.7	60.9	60.5	60.0	59.1
159.6	159.1	-45°	57.6	57.6	57.0	56.1	55.6	55.4	55.1	54.5	53.4
159.1	158.6	-46.25°	51.7	51.1	50.7	51.0	50.9	50.5	50.0	49.5	49.2
158.2	157.3	-47.5°	47.1	47.0	46.8	46.7	46.5	46.1	46.0	45.9	45.5
156.7	155.9	-48.75°	43.3	43.2	43.0	43.0	42.9	42.8	42.6	42.4	42.1
155.2	154.5	-50°	39.7	39.7	39.7	39.7	39.7	39.6	39.4	39.4	39.3
153.7	152.9	-51.25°	36.3	36.4	36.5	36.5	36.5	36.5	36.6	36.6	36.5
152.2	151.4	-52.5°	32.8	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.7
150.8	150.0	-53.75°	29.1	29.7	29.9	30.1	30.2	30.3	30.5	30.8	31.0
149.6	148.7	-55°	25.3	26.2	26.3	26.4	26.5	26.8	27.2	27.7	28.1
148.3	147.4	-56.25°	21.1	22.1	22.3	22.5	22.8	23.2	23.9	24.3	24.6
146.7	145.8	-57.5°	17.0	17.9	18.5	19.2	19.7	20.2	20.7	21.0	21.2
145.1	144.2	-58.75°	13.9	14.9	15.7	16.3	16.8	17.3	17.7	18.3	18.7
143.5	142.5	-60°	11.1	12.1	12.9	13.7	14.4	15.0	15.5	16.1	16.6
141.9	140.8	-61.25°	9.0	10.1	11.0	11.7	12.3	12.8	13.3	14.0	14.7
140.3	139.1	-62.5°	7.4	8.4	9.2	9.8	10.6	11.3	12.0	12.7	13.3
138.4	137.1	-63.75°	6.3	7.3	8.2	9.0	9.7	10.3	10.9	11.5	12.0
136.4	135.0	-65°	5.8	6.7	7.6	8.3	8.9	9.5	10.1	10.6	11.2
134.5	132.9	-66.25°	5.3	6.2	7.0	7.7	8.3	8.8	9.3	9.9	10.4
132.7	131.1	-67.5°	4.9	5.7	6.4	7.1	7.7	8.2	8.6	9.1	9.7
130.8	129.1	-68.75°	4.5	5.2	5.9	6.6	7.1	7.5	8.0	8.5	8.9
128.5	127.0	-70°	4.1	4.8	5.4	6.0	6.5	6.9	7.4	7.8	8.2
126.0	124.5	-71.25°	3.7	4.3	4.9	5.5	5.9	6.3	6.7	7.1	7.5
123.5	121.9	-72.5°	3.4	3.9	4.5	5.0	5.4	5.8	6.1	6.4	6.8
120.9	119.3	-73.75°	3.1	3.6	4.0	4.5	4.9	5.2	5.5	5.8	6.1
118.3	116.7	-75°	2.8	3.2	3.6	4.0	4.3	4.6	4.9	5.2	5.5
115.6	114.0	-76.25°	2.5	2.8	3.2	3.5	3.8	4.1	4.4	4.6	4.9
113.1	111.3	-77.5°	2.2	2.5	2.8	3.1	3.4	3.6	3.8	4.0	4.3



REPORT NUMBER: P394914 (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°
110.8	108.9	-78.75°	1.9	2.2	2.4	2.7	2.9	3.1	3.3	3.5	3.7
108.4	106.6	-80°	1.7	1.9	2.1	2.3	2.6	2.7	2.9	3.0	3.2
105.9	104.2	-81.25°	1.5	1.6	1.8	2.0	2.2	2.3	2.4	2.6	2.7
103.0	101.8	-82.5°	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.3
100.1	99.0	-83.75°	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
97.2	96.2	-85°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5	1.5
94.3	93.3	-86.25°	0.8	0.9	0.9	1.0	1.0	1.1	1.2	1.2	1.3
91.6	90.4	-87.5°	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.1
89.0	87.5	-88.75°	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
86.4	84.9	-90°	4.6	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.5
83.6	82.2										
80.7	79.4										
77.6	76.5										
74.5	73.5										
71.3	70.4										
68.0	66.9										
63.4	62.8										
58.3	58.1										
53.0	53.3										
48.7	48.9										
45.0	44.9										
41.9	41.8										
39.1	38.8										
36.3	36.2										
33.7	33.6										
31.0	31.0										
28.0	28.1										
24.8	25.0										
21.6	22.3										
19.3	20.0										
17.1	17.7										
15.3	16.1										
13.9	14.4										
12.6	13.2										
11.7	12.3										
10.9	11.4										
10.1	10.6										
9.3	9.7										
8.6	9.0										
7.8	8.2										
7.1	7.4										
6.4	6.7										
5.8	6.0										
5.1	5.4										
4.5	4.7										

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
3.9	4.1	90°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
3.3	3.5	88.75°	6.0	5.9	5.8	5.7	5.7	5.7	5.6	5.5	5.4
2.8	2.9	87.5°	7.6	7.5	7.3	7.2	7.2	7.1	7.0	6.9	6.8
2.4	2.5	86.25°	10.2	10.0	9.7	9.5	9.4	9.2	9.0	8.8	8.5
1.9	2.0	85°	13.4	13.2	12.9	12.7	12.5	12.3	12.0	11.7	11.4
1.6	1.7	83.75°	16.9	16.6	16.1	15.8	15.6	15.4	15.1	14.7	14.4
1.3	1.4	82.5°	21.2	20.9	20.4	20.0	19.6	19.3	18.8	18.2	17.7
1.1	1.2	81.25°	25.6	25.1	24.6	24.2	23.8	23.3	22.8	22.2	21.6
1.0	1.1	80°	30.5	29.9	29.2	28.7	28.1	27.5	26.8	26.2	25.5
4.5	4.4	78.75°	35.5	34.9	34.1	33.5	32.9	32.2	31.4	30.6	29.8
		77.5°	40.7	39.9	39.1	38.4	37.7	36.9	36.0	35.1	34.2
		76.25°	46.2	45.3	44.4	43.6	42.7	41.8	40.7	39.6	38.5
		75°	51.7	50.8	49.8	48.8	47.8	46.7	45.6	44.4	43.2
		73.75°	57.3	56.3	55.2	54.1	52.9	51.7	50.5	49.2	47.9
		72.5°	63.0	61.9	60.7	59.4	58.2	56.9	55.5	54.1	52.6
		71.25°	68.7	67.5	66.2	64.8	63.5	62.0	60.6	59.1	57.5
		70°	74.5	73.1	71.7	70.3	68.8	67.2	65.7	64.1	62.3
		68.75°	80.2	78.8	77.3	75.7	74.1	72.5	70.8	69.1	67.1
		67.5°	85.9	84.4	82.8	81.1	79.5	77.7	75.9	74.1	72.0
		66.25°	91.5	90.0	88.2	86.4	84.6	82.8	81.0	79.1	76.8
		65°	97.1	95.4	93.6	91.7	89.8	87.8	85.9	83.8	81.5
		63.75°	102.6	100.8	98.9	96.9	94.8	92.8	90.7	88.5	86.1
		62.5°	108.0	106.1	104.2	102.0	99.8	97.6	95.4	93.1	90.6
		61.25°	113.1	111.2	109.3	107.1	104.7	102.4	100.0	97.6	95.0
		60°	118.1	116.1	114.1	111.8	109.4	107.1	104.6	102.0	99.3
		58.75°	122.9	121.0	118.8	116.4	113.9	111.4	108.9	106.3	103.6
		57.5°	127.3	125.3	123.1	120.8	118.4	115.8	113.1	110.5	107.7
		56.25°	131.7	129.5	127.2	124.9	122.5	120.0	117.3	114.5	111.7
		55°	135.8	133.6	131.3	128.9	126.5	123.9	121.2	118.6	115.6
		53.75°	140.0	137.6	135.2	132.8	130.4	127.7	125.0	122.2	119.4
		52.5°	143.8	141.5	139.0	136.5	134.0	131.4	128.7	125.8	122.8
		51.25°	147.1	144.9	142.6	140.1	137.5	134.8	132.1	129.3	126.0
		50°	150.5	148.1	145.7	143.3	140.8	138.1	135.3	132.5	129.2
		48.75°	153.3	151.2	148.8	146.3	143.8	141.2	138.5	135.4	132.0
		47.5°	156.0	153.8	151.6	149.3	146.6	144.0	141.4	138.2	134.7
		46.25°	158.5	156.3	154.0	151.7	149.4	146.7	143.8	140.6	137.4
		45°	160.5	158.5	156.3	153.9	151.5	149.2	146.2	143.0	139.7
		43.75°	162.3	160.3	158.2	156.0	153.6	151.0	148.3	145.2	141.9
		42.5°	164.0	162.1	159.9	157.7	155.5	152.9	150.1	147.2	144.0
		41.25°	165.3	163.5	161.6	159.4	157.1	154.6	151.9	149.0	145.7
		40°	166.6	164.8	162.9	161.0	158.6	156.2	153.7	150.8	147.1
		38.75°	167.7	166.0	164.1	162.2	160.1	157.6	155.1	152.1	148.4
		37.5°	168.7	167.0	165.3	163.3	161.2	159.1	156.3	153.0	149.6
		36.25°	169.5	167.8	166.1	164.3	162.3	160.1	157.2	153.8	150.4
		35°	170.2	168.6	167.0	165.2	163.3	160.7	157.7	154.6	151.1

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
1.3	1.3	33.75°	170.7	169.3	167.8	166.0	163.9	161.1	158.1	155.1	151.8
5.3	5.3	32.5°	171.2	169.9	168.5	166.8	164.1	161.4	158.5	155.5	152.6
6.7	6.6	31.25°	171.6	170.5	169.0	166.9	164.2	161.5	158.9	155.9	153.1
8.3	8.1	30°	171.8	171.0	169.1	166.7	164.3	161.6	159.0	156.4	153.6
11.1	10.8	28.75°	171.9	170.7	168.9	166.5	164.1	161.7	159.2	156.8	154.0
14.0	13.6	27.5°	171.8	170.0	168.2	166.2	163.8	161.8	159.4	157.0	154.4
17.2	16.5	26.25°	170.7	169.3	167.4	165.6	163.8	161.8	159.6	157.1	154.4
21.0	20.2	25°	169.6	168.3	166.7	165.3	163.8	161.7	159.6	157.0	153.8
24.8	23.9	23.75°	168.5	167.2	166.4	165.0	163.5	161.7	159.3	156.3	153.1
28.8	27.7	22.5°	167.4	166.6	165.7	164.6	163.1	161.2	158.4	155.4	152.3
33.1	31.9	21.25°	166.7	166.0	165.1	164.2	162.3	160.0	157.4	154.5	151.5
37.4	36.1	20°	166.1	165.3	164.5	162.8	160.9	158.7	156.4	153.5	150.8
41.8	40.4	18.75°	165.4	164.4	162.9	161.2	159.5	157.3	155.1	152.9	150.6
46.4	44.8	17.5°	164.3	162.8	161.3	159.6	157.9	156.2	154.5	152.6	150.3
51.0	49.3	16.25°	162.6	161.1	159.6	158.0	156.9	155.7	154.0	152.3	150.0
55.7	53.8	15°	160.9	159.5	158.4	157.4	156.3	155.2	153.6	151.8	149.6
60.4	58.4	13.75°	159.5	158.7	157.8	156.8	155.7	154.6	153.1	151.0	148.7
65.1	63.0	12.5°	158.9	158.1	157.2	156.2	155.1	153.7	152.0	149.8	147.6
69.8	67.5	11.25°	158.4	157.5	156.6	155.2	153.8	152.3	150.8	148.6	146.5
74.5	72.1	10°	157.7	156.5	155.2	153.8	152.4	150.9	149.4	147.4	145.2
79.1	76.6	8.75°	156.3	155.1	153.8	152.4	151.0	149.5	147.9	146.0	143.8
83.6	81.0	7.5°	154.9	153.7	152.3	150.9	149.5	148.0	146.3	144.5	142.3
88.0	85.4	6.25°	153.4	152.2	150.8	149.3	147.9	146.4	144.7	142.9	140.7
92.4	89.7	5°	151.8	150.6	149.2	147.7	146.3	144.7	143.1	141.3	139.1
96.6	93.8	3.75°	150.2	149.0	147.5	146.1	144.7	143.2	141.6	139.9	137.8
100.8	97.7	2.5°	148.8	147.6	146.2	144.8	143.3	141.8	140.1	138.5	136.4
104.9	101.6	1.25°	147.5	146.2	144.8	143.3	141.8	140.3	138.7	137.1	135.0
108.8	105.4	0°	146.1	144.8	143.4	141.9	140.4	138.8	137.2	135.6	133.6
112.4	108.9	-1.25°	144.5	143.2	141.7	140.2	138.7	137.1	135.5	133.9	131.9
116.0	112.4	-2.5°	142.9	141.6	140.0	138.5	137.0	135.4	133.8	132.2	130.2
119.3	115.9	-3.75°	141.2	139.8	138.3	136.7	135.2	133.7	132.1	130.5	128.5
122.5	119.0	-5°	139.4	138.0	136.4	134.8	133.3	131.8	130.2	128.6	126.7
125.6	122.0	-6.25°	137.6	136.1	134.5	132.8	131.3	129.8	128.2	126.6	124.7
128.6	125.0	-7.5°	135.7	134.1	132.4	130.8	129.3	127.7	126.2	124.6	122.7
131.2	127.7	-8.75°	133.6	132.0	130.4	128.8	127.2	125.7	124.1	122.4	120.6
133.8	130.1	-10°	131.5	129.9	128.3	126.7	125.1	123.6	122.1	120.3	118.5
136.4	132.3	-11.25°	129.4	127.7	126.1	124.5	123.0	121.5	120.0	118.2	116.4
138.3	134.4	-12.5°	127.4	125.7	124.0	122.4	120.8	119.3	117.8	116.0	114.2
140.1	136.1	-13.75°	125.3	123.6	121.9	120.3	118.8	117.2	115.5	113.8	112.0
141.8	137.8	-15°	122.9	121.3	119.7	118.2	116.6	115.1	113.3	111.6	109.7
143.4	139.4	-16.25°	120.3	118.8	117.4	115.9	114.4	112.9	111.1	109.3	107.4
144.6	140.9	-17.5°	117.7	116.2	114.8	113.4	112.0	110.5	108.7	107.0	105.1
145.8	142.0	-18.75°	115.1	113.6	112.2	110.8	109.5	107.9	106.3	104.5	102.8
146.9	143.1	-20°	112.5	111.0	109.5	108.2	106.8	105.3	103.7	102.1	100.4
147.7	144.3	-21.25°	109.9	108.4	107.0	105.5	104.1	102.6	101.1	99.5	97.9

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
148.6	145.4	-22.5°	107.2	105.8	104.4	103.0	101.4	99.9	98.4	96.9	95.4
149.4	146.1	-23.75°	104.8	103.1	101.8	100.4	98.9	97.3	95.8	94.3	92.8
150.1	146.8	-25°	102.5	100.8	99.1	97.7	96.3	94.8	93.2	91.7	90.3
150.7	147.5	-26.25°	100.2	98.5	96.8	95.0	93.7	92.2	90.7	89.2	87.6
151.1	147.9	-27.5°	97.8	96.1	94.4	92.7	91.0	89.6	88.2	86.8	85.3
151.3	147.6	-28.75°	95.0	93.6	92.0	90.3	88.6	87.0	85.8	84.4	83.0
150.9	147.3	-30°	92.2	90.9	89.5	87.9	86.3	84.8	83.3	82.1	80.7
150.4	146.8	-31.25°	89.3	88.2	86.9	85.5	84.0	82.5	81.1	79.7	78.4
149.8	146.3	-32.5°	86.5	85.4	84.2	83.0	81.6	80.2	78.8	77.4	76.2
149.0	145.7	-33.75°	83.6	82.6	81.5	80.4	79.2	77.9	76.5	75.2	73.9
148.3	145.6	-35°	80.9	79.7	78.7	77.7	76.6	75.4	74.2	72.9	71.7
148.2	145.5	-36.25°	78.1	76.8	75.9	74.9	73.9	72.9	71.8	70.6	69.4
148.1	145.3	-37.5°	75.3	74.1	73.0	72.1	71.2	70.3	69.3	68.2	67.1
147.9	145.2	-38.75°	72.4	71.3	70.1	69.2	68.4	67.6	66.7	65.8	64.7
147.6	144.9	-40°	69.4	68.3	67.3	66.3	65.6	64.8	64.0	63.2	62.2
147.0	144.1	-41.25°	66.3	65.3	64.3	63.3	62.7	62.0	61.0	60.2	59.6
146.0	143.2	-42.5°	62.8	61.8	60.6	59.9	59.7	58.5	57.6	57.0	56.7
145.0	142.3	-43.75°	58.0	57.3	56.4	56.0	55.6	54.7	53.9	53.6	53.4
143.9	141.2	-45°	53.1	52.5	52.1	52.0	51.5	50.6	50.3	50.3	50.1
142.7	140.0	-46.25°	48.5	48.5	48.5	48.3	47.7	47.2	46.9	47.0	46.9
141.3	138.6	-47.5°	45.1	45.2	45.0	44.8	44.7	44.3	43.7	43.8	44.0
139.9	137.2	-48.75°	42.0	42.0	42.1	42.2	42.0	41.6	41.1	41.1	41.3
138.4	135.7	-50°	39.0	39.2	39.5	39.7	39.5	39.2	38.8	38.5	38.7
136.9	134.2	-51.25°	36.3	36.6	36.9	37.2	37.1	36.8	36.5	36.2	36.4
135.6	133.0	-52.5°	33.6	33.9	34.3	34.6	34.7	34.5	34.3	34.2	34.2
134.3	131.7	-53.75°	30.9	31.3	31.6	32.0	32.3	32.2	32.2	32.1	32.1
132.9	130.4	-55°	28.2	28.6	29.0	29.4	29.8	30.0	30.0	30.0	30.2
131.5	129.0	-56.25°	25.4	26.0	26.5	27.0	27.4	27.7	27.9	28.1	28.4
129.9	127.4	-57.5°	23.0	23.5	24.0	24.5	25.1	25.7	26.0	26.3	26.5
128.2	125.8	-58.75°	20.6	21.0	21.7	22.4	23.1	23.7	24.1	24.4	24.8
126.5	124.2	-60°	18.5	19.1	19.8	20.5	21.1	21.7	22.3	22.8	23.2
124.8	122.5	-61.25°	16.8	17.4	17.9	18.6	19.5	20.2	20.8	21.3	21.7
122.8	120.6	-62.5°	15.1	15.8	16.5	17.3	18.1	18.7	19.3	19.7	20.2
120.7	118.6	-63.75°	14.0	14.7	15.4	16.0	16.7	17.3	17.9	18.4	18.8
118.7	116.5	-65°	13.0	13.6	14.2	14.8	15.5	16.1	16.6	17.1	17.5
116.5	114.4	-66.25°	12.0	12.6	13.2	13.7	14.3	14.9	15.4	15.8	16.2
114.4	112.4	-67.5°	11.1	11.7	12.2	12.7	13.2	13.8	14.2	14.6	15.0
112.3	110.3	-68.75°	10.2	10.7	11.2	11.7	12.2	12.6	13.1	13.4	13.7
110.1	108.1	-70°	9.4	9.8	10.3	10.7	11.1	11.5	11.9	12.3	12.6
107.8	105.9	-71.25°	8.5	9.0	9.4	9.8	10.1	10.5	10.9	11.2	11.5
105.6	103.6	-72.5°	7.8	8.1	8.5	8.8	9.1	9.5	9.8	10.1	10.4
103.3	101.4	-73.75°	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4
101.0	99.2	-75°	6.3	6.5	6.8	7.1	7.3	7.6	7.9	8.1	8.3
98.6	96.9	-76.25°	5.6	5.8	6.1	6.3	6.5	6.7	6.9	7.2	7.4
96.2	94.6	-77.5°	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
93.8	92.2	-78.75°	4.3	4.4	4.6	4.8	5.0	5.1	5.3	5.5	5.6
91.3	89.8	-80°	3.6	3.8	4.0	4.1	4.3	4.4	4.5	4.7	4.8
88.8	87.4	-81.25°	3.1	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1
86.3	85.0	-82.5°	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3
83.8	82.6	-83.75°	2.1	2.2	2.3	2.3	2.4	2.5	2.6	2.7	2.7
81.5	80.1	-85°	1.8	1.8	1.9	2.0	2.0	2.1	2.1	2.2	2.2
79.3	77.9	-86.25°	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
77.1	75.8	-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5
74.9	73.7	-88.75°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4
72.7	71.5	-90°	4.4	4.3	4.2	4.2	4.2	4.2	4.2	4.1	4.1
70.5	69.3										
68.3	67.1										
65.9	64.8										
63.6	62.5										
61.2	60.1										
58.6	57.5										
55.8	54.9										
52.9	52.1										
49.9	49.4										
46.9	46.5										
44.0	43.7										
41.2	41.1										
38.8	38.8										
36.6	36.6										
34.4	34.5										
32.3	32.5										
30.4	30.7										
28.6	28.8										
26.8	27.1										
25.2	25.5										
23.6	23.9										
22.0	22.3										
20.6	20.9										
19.2	19.5										
17.9	18.1										
16.5	16.8										
15.3	15.5										
14.0	14.2										
12.9	13.1										
11.7	11.9										
10.6	10.8										
9.5	9.7										
8.5	8.6										
7.5	7.6										
6.6	6.7										

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
5.7	5.8	90°	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6
4.9	5.0	88.75°	5.2	5.1	5.1	4.9	4.8	4.6	4.5	4.4	4.3
4.1	4.2	87.5°	6.5	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.2
3.4	3.4	86.25°	7.9	7.7	7.6	7.3	7.0	6.8	6.5	6.3	6.1
2.8	2.8	85°	10.5	10.2	9.8	9.4	9.0	8.5	8.1	7.7	7.3
2.3	2.3	83.75°	13.1	12.7	12.3	11.8	11.3	10.8	10.3	9.8	9.3
1.8	1.8	82.5°	15.8	15.2	14.7	14.1	13.6	13.0	12.4	11.8	11.3
1.6	1.6	81.25°	19.4	18.6	17.8	17.0	16.2	15.4	14.6	13.9	13.2
1.4	1.5	80°	23.0	22.1	21.1	20.2	19.3	18.4	17.4	16.5	15.5
4.0	4.0	78.75°	26.6	25.5	24.5	23.4	22.4	21.4	20.3	19.2	18.2
		77.5°	30.7	29.4	28.1	26.8	25.5	24.3	23.1	22.0	20.8
		76.25°	34.7	33.4	32.0	30.6	29.1	27.7	26.2	24.7	23.4
		75°	38.8	37.4	35.8	34.3	32.7	31.1	29.5	27.9	26.3
		73.75°	43.2	41.6	39.8	38.0	36.3	34.6	32.8	31.0	29.3
		72.5°	47.6	45.9	43.9	42.0	40.0	38.0	36.0	34.2	32.3
		71.25°	52.0	50.1	48.0	45.9	43.8	41.7	39.5	37.4	35.2
		70°	56.4	54.3	52.1	49.8	47.6	45.3	43.0	40.7	38.4
		68.75°	60.9	58.6	56.2	53.7	51.3	48.9	46.4	44.0	41.5
		67.5°	65.3	62.8	60.2	57.7	55.1	52.5	49.8	47.2	44.6
		66.25°	69.7	67.0	64.2	61.5	58.8	56.0	53.2	50.5	47.7
		65°	74.0	71.1	68.3	65.4	62.5	59.6	56.6	53.7	50.8
		63.75°	78.3	75.3	72.3	69.3	66.2	63.1	60.0	56.9	53.8
		62.5°	82.4	79.4	76.2	73.1	69.9	66.6	63.3	60.1	56.8
		61.25°	86.5	83.3	80.1	76.9	73.4	70.0	66.6	63.2	59.7
		60°	90.5	87.2	83.9	80.5	76.9	73.4	69.8	66.3	62.6
		58.75°	94.4	91.1	87.6	84.0	80.3	76.7	73.0	69.3	65.5
		57.5°	98.2	94.7	91.2	87.5	83.7	79.9	76.1	72.2	68.3
		56.25°	101.9	98.3	94.7	90.8	87.0	83.0	79.1	75.1	71.1
		55°	105.5	101.9	98.0	94.0	90.1	86.1	82.1	77.9	73.7
		53.75°	108.8	105.2	101.3	97.1	93.1	89.0	84.9	80.6	76.3
		52.5°	112.2	108.4	104.3	100.2	96.0	91.8	87.5	83.2	78.8
		51.25°	115.4	111.4	107.2	103.0	98.8	94.5	90.1	85.7	81.2
		50°	118.3	114.3	110.0	105.7	101.4	97.1	92.6	88.1	83.5
		48.75°	121.1	116.8	112.7	108.3	103.9	99.5	95.0	90.4	85.8
		47.5°	123.6	119.3	115.0	110.9	106.3	101.8	97.3	92.7	88.0
		46.25°	125.9	121.7	117.3	113.0	108.7	104.1	99.5	94.9	90.0
		45°	128.0	123.8	119.5	115.1	110.7	106.2	101.5	96.9	92.0
		43.75°	130.1	125.8	121.5	117.1	112.6	108.2	103.6	98.7	93.7
		42.5°	132.0	127.6	123.3	119.0	114.5	110.0	105.5	100.4	95.3
		41.25°	133.7	129.4	125.1	120.8	116.3	111.7	107.1	102.1	96.9
		40°	135.2	131.1	126.9	122.5	117.9	113.3	108.5	103.5	98.3
		38.75°	136.7	132.7	128.7	124.2	119.6	114.8	109.8	104.8	99.7
		37.5°	138.3	134.2	130.1	125.8	121.2	116.1	111.0	106.0	100.9
		36.25°	139.5	135.6	131.4	127.3	122.4	117.2	112.2	107.1	102.0
		35°	140.6	136.8	132.7	128.3	123.5	118.3	113.2	108.2	103.0



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

58.75°	60°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
1.6	1.6	33.75°	141.6	137.8	133.9	129.1	124.3	119.2	114.1	109.1	104.2
4.1	4.0	32.5°	142.7	138.8	134.5	129.7	124.9	120.0	114.9	110.0	105.3
5.0	4.8	31.25°	143.5	139.4	134.9	130.3	125.4	120.6	115.6	111.0	106.4
5.9	5.7	30°	143.8	139.7	135.2	130.6	125.9	121.0	116.6	111.9	107.3
6.9	6.5	28.75°	143.8	139.8	135.4	130.8	126.3	121.7	117.4	112.8	108.2
8.8	8.3	27.5°	143.7	139.6	135.5	131.0	126.8	122.5	118.1	113.6	108.9
10.7	10.1	26.25°	143.5	139.5	135.4	131.3	127.3	123.2	118.8	114.4	109.6
12.6	11.9	25°	143.1	139.2	135.5	131.8	127.8	123.8	119.4	115.0	110.3
14.6	13.7	23.75°	142.6	139.2	135.8	132.2	128.2	124.2	119.9	115.5	110.7
17.1	16.0	22.5°	142.5	139.5	136.0	132.5	128.6	124.6	120.4	115.7	110.9
19.6	18.4	21.25°	142.6	139.5	136.1	132.6	128.9	124.8	120.4	115.8	111.1
22.1	20.8	20°	142.6	139.5	136.2	132.7	129.0	124.7	120.4	115.8	111.1
24.7	23.1	18.75°	142.5	139.4	136.3	132.5	128.7	124.5	120.2	115.7	111.1
27.6	25.8	17.5°	142.4	139.2	135.7	132.0	128.2	124.2	119.9	115.5	110.9
30.4	28.5	16.25°	141.8	138.5	135.1	131.5	127.7	123.8	119.6	115.3	110.7
33.2	31.2	15°	141.0	137.8	134.4	130.9	127.2	123.4	119.2	115.0	110.4
36.1	33.8	13.75°	140.1	137.0	133.6	130.3	126.6	122.9	118.6	114.4	109.9
39.1	36.6	12.5°	139.2	136.2	132.8	129.5	125.8	122.0	117.9	113.7	109.3
42.0	39.5	11.25°	138.2	135.1	131.8	128.4	124.8	121.1	117.1	113.0	108.7
45.0	42.3	10°	137.0	133.9	130.7	127.4	123.8	120.1	116.2	112.1	108.0
47.9	45.1	8.75°	135.7	132.7	129.5	126.2	122.8	119.1	115.3	111.3	107.2
50.8	47.8	7.5°	134.3	131.4	128.3	125.0	121.6	118.0	114.3	110.3	106.5
53.6	50.4	6.25°	132.9	130.0	127.0	123.8	120.5	117.0	113.4	109.6	105.8
56.3	53.0	5°	131.6	128.7	125.9	122.8	119.6	116.1	112.6	108.9	105.2
59.0	55.6	3.75°	130.4	127.6	124.8	121.7	118.7	115.2	111.7	108.1	104.4
61.8	58.0	2.5°	129.1	126.4	123.6	120.6	117.7	114.2	110.8	107.2	103.6
64.4	60.6	1.25°	127.8	125.1	122.4	119.5	116.6	113.2	109.8	106.3	102.8
67.0	63.1	0°	126.5	123.8	121.1	118.3	115.5	112.1	108.7	105.3	101.9
69.6	65.5	-1.25°	125.0	122.3	119.7	116.9	114.1	110.8	107.5	104.2	100.8
72.1	67.9	-2.5°	123.4	120.8	118.2	115.5	112.7	109.5	106.3	103.0	99.7
74.4	70.1	-3.75°	121.8	119.3	116.7	114.0	111.3	108.2	105.0	101.7	98.5
76.8	72.2	-5°	120.1	117.7	115.2	112.5	109.8	106.7	103.7	100.5	97.2
79.0	74.3	-6.25°	118.3	115.9	113.5	110.9	108.2	105.3	102.3	99.1	95.9
81.1	76.4	-7.5°	116.3	114.0	111.7	109.1	106.5	103.7	100.8	97.8	94.6
83.1	78.4	-8.75°	114.3	112.1	109.8	107.3	104.8	102.0	99.2	96.2	93.1
85.1	80.2	-10°	112.3	110.1	107.8	105.5	102.9	100.3	97.5	94.6	91.6
86.9	82.0	-11.25°	110.2	108.1	105.9	103.6	101.1	98.5	95.8	93.0	90.1
88.6	83.6	-12.5°	108.2	106.1	103.9	101.6	99.2	96.7	94.1	91.4	88.5
90.3	85.2	-13.75°	106.1	104.0	101.9	99.7	97.3	94.9	92.3	89.7	86.9
91.8	86.7	-15°	103.9	101.9	99.8	97.7	95.4	93.1	90.5	88.0	85.2
93.2	88.0	-16.25°	101.7	99.8	97.7	95.6	93.5	91.2	88.8	86.2	83.5
94.5	89.4	-17.5°	99.5	97.6	95.6	93.6	91.5	89.3	87.0	84.5	81.9
95.7	90.8	-18.75°	97.3	95.4	93.5	91.5	89.6	87.4	85.2	82.8	80.3
97.0	92.2	-20°	95.1	93.3	91.4	89.5	87.5	85.5	83.3	81.0	78.6
98.3	93.4	-21.25°	92.8	91.1	89.3	87.4	85.5	83.5	81.4	79.2	76.9



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

58.75°	60°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
99.4	94.6	-22.5°	90.5	88.8	87.1	85.4	83.5	81.6	79.5	77.4	75.1
100.5	95.7	-23.75°	88.2	86.6	85.0	83.3	81.5	79.6	77.7	75.6	73.4
101.5	96.7	-25°	85.9	84.4	82.8	81.2	79.5	77.7	75.8	73.8	71.6
102.5	97.6	-26.25°	83.6	82.1	80.6	79.0	77.4	75.7	73.9	71.9	69.9
103.4	98.5	-27.5°	81.2	79.9	78.5	76.9	75.3	73.7	72.0	70.1	68.2
104.2	99.2	-28.75°	78.9	77.6	76.3	74.8	73.3	71.7	70.0	68.3	66.4
104.9	99.8	-30°	76.6	75.4	74.1	72.7	71.2	69.7	68.1	66.4	64.7
105.3	100.3	-31.25°	74.4	73.1	71.8	70.6	69.2	67.8	66.2	64.6	62.9
105.7	100.7	-32.5°	72.3	70.9	69.6	68.5	67.2	65.8	64.3	62.7	61.1
105.9	101.0	-33.75°	70.2	68.8	67.5	66.4	65.2	63.9	62.4	60.9	59.3
106.1	101.2	-35°	68.0	66.7	65.5	64.3	63.2	61.9	60.5	59.1	57.6
106.3	101.3	-36.25°	65.9	64.7	63.5	62.3	61.1	59.9	58.5	57.2	55.8
106.3	101.4	-37.5°	63.7	62.5	61.4	60.3	59.0	57.8	56.6	55.3	54.0
106.3	101.4	-38.75°	61.5	60.4	59.3	58.2	57.0	55.8	54.7	53.5	52.2
106.1	101.2	-40°	59.1	58.2	57.2	56.1	55.0	53.8	52.7	51.6	50.4
105.8	101.0	-41.25°	56.7	55.9	55.0	54.0	52.9	51.8	50.8	49.8	48.7
105.4	100.6	-42.5°	54.1	53.5	52.9	51.9	50.7	49.7	48.8	48.0	47.0
104.9	100.3	-43.75°	51.5	51.0	50.6	49.5	48.4	47.5	46.9	46.2	45.3
104.3	99.8	-45°	48.9	48.5	48.0	47.1	46.1	45.4	44.9	44.4	43.6
103.7	99.3	-46.25°	46.1	45.8	45.3	44.5	43.7	43.4	43.0	42.5	41.9
103.0	98.7	-47.5°	43.5	43.3	42.8	42.0	41.6	41.4	41.0	40.7	40.1
102.4	98.2	-48.75°	41.0	40.8	40.3	40.0	39.6	39.4	39.1	38.8	38.3
101.8	97.7	-50°	38.7	38.5	38.3	38.1	37.7	37.4	37.3	37.0	36.5
101.1	97.1	-51.25°	36.5	36.5	36.4	36.2	35.8	35.6	35.5	35.2	34.8
100.4	96.4	-52.5°	34.6	34.6	34.5	34.3	34.1	33.9	33.7	33.5	33.1
99.7	95.7	-53.75°	32.7	32.7	32.7	32.6	32.4	32.2	32.0	31.8	31.4
98.9	94.9	-55°	30.8	30.9	30.9	30.9	30.8	30.6	30.3	30.1	29.8
98.0	94.1	-56.25°	29.0	29.2	29.2	29.2	29.1	29.0	28.7	28.5	28.2
97.0	93.2	-57.5°	27.4	27.5	27.5	27.6	27.5	27.4	27.1	26.9	26.7
95.9	92.2	-58.75°	25.7	25.8	26.0	26.0	26.0	25.8	25.6	25.4	25.2
94.8	91.1	-60°	24.1	24.3	24.4	24.5	24.4	24.3	24.1	23.9	23.7
93.6	90.0	-61.25°	22.6	22.8	22.9	22.9	23.0	22.9	22.7	22.5	22.3
92.4	88.9	-62.5°	21.2	21.3	21.5	21.5	21.6	21.5	21.3	21.1	20.9
91.2	87.7	-63.75°	19.7	19.9	20.1	20.2	20.2	20.1	19.9	19.7	19.5
89.8	86.5	-65°	18.3	18.5	18.7	18.8	18.8	18.7	18.6	18.4	18.1
88.4	85.1	-66.25°	17.0	17.2	17.3	17.4	17.4	17.3	17.2	17.0	16.8
87.0	83.7	-67.5°	15.6	15.9	16.0	16.1	16.0	16.0	15.8	15.7	15.5
85.5	82.3	-68.75°	14.4	14.6	14.7	14.7	14.7	14.6	14.6	14.4	14.2
84.0	80.9	-70°	13.2	13.4	13.4	13.4	13.4	13.4	13.3	13.2	13.0
82.4	79.4	-71.25°	12.1	12.2	12.2	12.3	12.3	12.2	12.2	12.0	11.8
80.8	77.9	-72.5°	10.9	11.0	11.1	11.1	11.1	11.1	11.0	10.9	10.7
79.2	76.4	-73.75°	9.8	9.8	9.9	9.9	10.0	10.0	9.9	9.8	9.6
77.6	74.9	-75°	8.7	8.7	8.8	8.9	8.9	8.9	8.8	8.7	8.6
76.0	73.4	-76.25°	7.7	7.8	7.8	7.9	7.9	7.8	7.7	7.6	7.5
74.4	71.9	-77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.7	6.6

REPORT NUMBER: P394914 (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°
72.8	70.3	-78.75°	5.8	5.9	5.9	5.9	6.0	6.0	5.9	5.9	5.8
71.1	68.8	-80°	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.9
69.5	67.2	-81.25°	4.2	4.2	4.3	4.3	4.3	4.3	4.2	4.2	4.2
67.8	65.6	-82.5°	3.4	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6
66.1	64.0	-83.75°	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0
64.5	62.4	-85°	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
62.8	60.8	-86.25°	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1
61.1	59.1	-87.5°	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
59.4	57.5	-88.75°	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7
57.7	55.9	-90°	3.9	3.9	3.8	3.7	3.7	3.6	3.5	3.4	3.4
56.0	54.3										
54.3	52.6										
52.5	51.0										
50.8	49.3										
49.1	47.7										
47.5	46.1										
45.8	44.5										
44.1	42.9										
42.5	41.3										
40.8	39.7										
39.2	38.1										
37.5	36.5										
35.9	35.0										
34.2	33.4										
32.6	31.8										
30.9	30.3										
29.3	28.9										
27.8	27.4										
26.4	26.0										
24.9	24.5										
23.5	23.1										
22.0	21.7										
20.6	20.4										
19.3	19.0										
17.9	17.7										
16.6	16.4										
15.3	15.1										
14.0	13.8										
12.7	12.6										
11.6	11.5										
10.5	10.4										
9.4	9.3										
8.4	8.2										
7.4	7.3										
6.5	6.4										

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

58.75°	60°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
5.6	5.5	90°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
4.8	4.6	88.75°	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.0	2.9
4.1	4.1	87.5°	4.7	4.6	4.4	4.3	4.1	3.9	3.7	3.5	3.4
3.5	3.5	86.25°	5.5	5.3	5.2	5.0	4.7	4.4	4.2	3.9	3.8
3.0	3.0	85°	6.3	6.1	5.9	5.7	5.3	5.0	4.7	4.4	4.2
2.4	2.4	83.75°	7.8	7.4	7.0	6.5	6.0	5.5	5.2	4.8	4.6
2.2	2.2	82.5°	9.5	9.0	8.4	7.9	7.3	6.6	6.0	5.3	5.0
2.0	2.0	81.25°	11.2	10.6	9.9	9.3	8.5	7.8	7.1	6.4	5.8
1.8	1.8	80°	12.9	12.1	11.4	10.6	9.8	9.0	8.2	7.5	6.8
3.3	3.2	78.75°	14.9	13.9	12.8	12.0	11.1	10.2	9.4	8.6	7.8
		77.5°	17.2	16.0	14.8	13.6	12.4	11.4	10.5	9.6	8.8
		76.25°	19.4	18.1	16.8	15.5	14.2	12.9	11.6	10.7	9.8
		75°	21.7	20.2	18.8	17.4	15.9	14.5	13.1	11.8	10.8
		73.75°	24.0	22.3	20.8	19.2	17.7	16.1	14.6	13.2	11.9
		72.5°	26.6	24.7	22.9	21.1	19.4	17.8	16.1	14.6	13.2
		71.25°	29.1	27.1	25.1	23.1	21.1	19.4	17.6	16.0	14.5
		70°	31.6	29.5	27.4	25.2	23.0	20.9	19.1	17.4	15.7
		68.75°	34.1	31.8	29.6	27.2	25.0	22.7	20.6	18.8	17.0
		67.5°	36.9	34.3	31.7	29.3	26.9	24.5	22.2	20.1	18.3
		66.25°	39.6	36.8	34.0	31.3	28.7	26.3	23.9	21.7	19.5
		65°	42.2	39.4	36.3	33.4	30.6	28.0	25.5	23.2	20.9
		63.75°	44.9	41.9	38.6	35.5	32.5	29.7	27.1	24.7	22.3
		62.5°	47.4	44.3	40.9	37.6	34.4	31.4	28.7	26.2	23.7
		61.25°	49.8	46.6	43.1	39.6	36.3	33.1	30.3	27.6	25.0
		60°	52.2	48.7	45.2	41.6	38.2	34.9	32.0	29.1	26.4
		58.75°	54.5	50.9	47.2	43.5	39.9	36.6	33.6	30.6	27.7
		57.5°	56.8	53.0	49.2	45.4	41.7	38.4	35.2	32.1	29.0
		56.25°	59.1	55.0	51.2	47.3	43.4	40.0	36.8	33.6	30.4
		55°	61.3	57.1	53.1	49.1	45.2	41.7	38.4	35.0	31.7
		53.75°	63.5	59.2	55.0	50.9	47.0	43.4	39.9	36.5	33.1
		52.5°	65.6	61.2	56.9	52.6	48.8	45.1	41.4	37.9	34.4
		51.25°	67.7	63.2	58.7	54.4	50.5	46.7	43.0	39.2	35.6
		50°	69.7	65.1	60.5	56.2	52.2	48.3	44.5	40.6	36.8
		48.75°	71.7	66.9	62.3	58.0	53.9	49.9	45.9	42.0	38.0
		47.5°	73.6	68.7	64.0	59.7	55.5	51.4	47.3	43.3	39.2
		46.25°	75.4	70.5	65.8	61.4	57.1	52.9	48.7	44.6	40.3
		45°	77.2	72.2	67.5	63.0	58.7	54.4	50.1	45.8	41.4
		43.75°	78.8	73.9	69.2	64.6	60.2	55.8	51.4	46.9	42.5
		42.5°	80.3	75.5	70.8	66.1	61.6	57.1	52.6	48.0	43.5
		41.25°	81.7	77.0	72.3	67.5	63.0	58.5	53.8	49.1	44.5
		40°	83.2	78.5	73.7	68.9	64.3	59.7	54.9	50.1	45.5
		38.75°	84.7	79.9	75.0	70.2	65.5	60.8	55.9	51.1	46.4
		37.5°	86.1	81.3	76.3	71.4	66.6	61.8	56.9	52.0	47.3
		36.25°	87.4	82.6	77.6	72.5	67.7	62.8	57.9	52.9	48.1
		35°	88.7	83.9	78.8	73.6	68.6	63.7	58.8	53.8	48.9

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
1.6	1.6	33.75°	89.8	85.1	80.0	74.7	69.6	64.6	59.6	54.6	49.6
2.8	2.7	32.5°	90.9	86.1	81.1	75.7	70.4	65.4	60.4	55.3	50.3
3.2	3.1	31.25°	91.9	87.1	82.0	76.6	71.3	66.2	61.1	56.1	51.0
3.6	3.4	30°	92.8	87.8	82.8	77.4	72.1	66.9	61.8	56.7	51.6
4.0	3.8	28.75°	93.5	88.5	83.4	78.1	72.8	67.6	62.5	57.3	52.2
4.4	4.1	27.5°	94.1	89.1	84.0	78.8	73.4	68.2	63.1	57.9	52.7
4.7	4.5	26.25°	94.7	89.6	84.5	79.4	74.0	68.8	63.6	58.4	53.2
5.3	4.8	25°	95.2	90.1	85.0	79.8	74.5	69.3	64.1	58.8	53.7
6.2	5.6	23.75°	95.6	90.5	85.4	80.2	75.0	69.7	64.5	59.2	54.0
7.1	6.4	22.5°	95.9	90.9	85.7	80.6	75.3	70.1	64.8	59.6	54.4
8.0	7.3	21.25°	96.2	91.1	86.0	80.8	75.6	70.3	65.1	59.9	54.7
8.9	8.1	20°	96.3	91.3	86.2	81.0	75.8	70.6	65.4	60.1	55.0
9.8	8.9	18.75°	96.5	91.4	86.3	81.1	76.0	70.7	65.6	60.3	55.2
10.7	9.7	17.5°	96.4	91.4	86.4	81.2	76.0	70.8	65.7	60.5	55.3
11.8	10.6	16.25°	96.3	91.3	86.3	81.2	76.1	70.9	65.8	60.6	55.5
13.0	11.5	15°	96.1	91.2	86.2	81.1	76.0	70.9	65.8	60.7	55.5
14.1	12.6	13.75°	95.9	91.0	86.0	81.0	75.9	70.9	65.8	60.7	55.7
15.3	13.6	12.5°	95.5	90.7	85.8	80.8	75.8	70.8	65.7	60.8	55.7
16.4	14.7	11.25°	95.1	90.4	85.5	80.6	75.6	70.7	65.7	60.8	55.8
17.6	15.7	10°	94.7	90.0	85.2	80.4	75.5	70.6	65.7	60.8	55.8
18.7	16.7	8.75°	94.2	89.6	84.9	80.2	75.3	70.5	65.6	60.7	55.7
19.9	17.7	7.5°	93.8	89.3	84.6	79.9	75.1	70.3	65.5	60.6	55.7
21.2	18.7	6.25°	93.3	88.8	84.2	79.6	74.8	70.0	65.3	60.5	55.5
22.4	19.8	5°	92.7	88.4	83.8	79.2	74.5	69.8	65.0	60.3	55.4
23.7	21.0	3.75°	92.1	87.8	83.3	78.8	74.1	69.4	64.8	60.1	55.2
24.9	22.1	2.5°	91.5	87.2	82.8	78.4	73.7	69.1	64.4	59.8	55.0
26.1	23.2	1.25°	90.8	86.6	82.2	77.9	73.3	68.7	64.1	59.5	54.7
27.3	24.2	0°	90.0	85.9	81.6	77.3	72.8	68.2	63.7	59.2	54.4
28.4	25.3	-1.25°	89.1	85.1	80.8	76.6	72.1	67.7	63.2	58.8	54.0
29.6	26.3	-2.5°	88.2	84.2	80.1	75.9	71.5	67.1	62.7	58.3	53.6
30.8	27.3	-3.75°	87.2	83.3	79.2	75.1	70.8	66.5	62.2	57.8	53.2
31.9	28.3	-5°	86.2	82.3	78.3	74.3	70.1	65.8	61.6	57.3	52.8
33.1	29.3	-6.25°	85.1	81.4	77.4	73.4	69.3	65.1	61.0	56.7	52.3
34.1	30.3	-7.5°	84.0	80.3	76.5	72.5	68.5	64.4	60.3	56.1	51.7
35.2	31.3	-8.75°	82.9	79.2	75.5	71.6	67.6	63.6	59.6	55.5	51.2
36.2	32.3	-10°	81.7	78.1	74.4	70.7	66.8	62.9	58.9	54.9	50.6
37.2	33.2	-11.25°	80.4	76.9	73.3	69.6	65.9	62.0	58.2	54.2	50.0
38.2	34.1	-12.5°	79.1	75.7	72.2	68.6	64.9	61.2	57.4	53.5	49.3
39.1	34.9	-13.75°	77.7	74.4	71.0	67.5	63.9	60.3	56.6	52.7	48.7
40.1	35.8	-15°	76.4	73.1	69.8	66.4	62.9	59.3	55.7	51.9	48.0
41.0	36.6	-16.25°	75.0	71.8	68.6	65.2	61.8	58.3	54.8	51.1	47.2
41.8	37.3	-17.5°	73.5	70.4	67.3	64.1	60.7	57.3	53.9	50.2	46.5
42.6	38.1	-18.75°	72.1	69.1	66.0	62.9	59.6	56.3	53.0	49.4	45.7
43.4	38.8	-20°	70.6	67.7	64.7	61.7	58.5	55.3	52.0	48.5	44.9
44.1	39.5	-21.25°	69.2	66.3	63.4	60.4	57.4	54.2	51.0	47.6	44.1

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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°
44.8	40.1	-22.5°	67.7	65.0	62.1	59.2	56.2	53.1	50.0	46.6	43.2
45.5	40.7	-23.75°	66.2	63.6	60.8	58.0	55.0	52.0	48.9	45.7	42.4
46.1	41.3	-25°	64.7	62.2	59.5	56.7	53.9	50.9	47.9	44.7	41.5
46.6	41.8	-26.25°	63.2	60.7	58.2	55.5	52.7	49.8	46.8	43.8	40.6
47.2	42.3	-27.5°	61.7	59.3	56.8	54.2	51.6	48.8	45.8	42.8	39.7
47.7	42.8	-28.75°	60.2	57.9	55.5	53.0	50.4	47.7	44.8	41.8	38.8
48.1	43.2	-30°	58.6	56.4	54.1	51.7	49.2	46.5	43.7	40.8	37.9
48.6	43.6	-31.25°	57.1	54.9	52.7	50.5	48.1	45.4	42.7	39.9	36.9
48.9	43.9	-32.5°	55.5	53.5	51.4	49.2	46.9	44.3	41.6	38.9	36.1
49.3	44.2	-33.75°	54.0	52.0	50.0	48.0	45.6	43.1	40.5	37.9	35.1
49.6	44.5	-35°	52.4	50.6	48.7	46.7	44.4	41.9	39.4	36.9	34.2
49.8	44.8	-36.25°	50.9	49.1	47.3	45.4	43.1	40.7	38.3	35.9	33.3
50.1	45.0	-37.5°	49.3	47.6	45.9	44.0	41.9	39.5	37.3	34.9	32.4
50.2	45.2	-38.75°	47.8	46.2	44.5	42.6	40.5	38.3	36.2	33.9	31.5
50.4	45.4	-40°	46.2	44.7	43.1	41.2	39.2	37.2	35.1	32.9	30.6
50.5	45.6	-41.25°	44.7	43.2	41.6	39.8	37.9	36.1	34.1	31.9	29.7
50.7	45.7	-42.5°	43.1	41.7	40.2	38.5	36.7	34.9	33.0	30.9	28.8
50.7	45.8	-43.75°	41.6	40.2	38.7	37.1	35.4	33.7	32.0	29.9	27.8
50.8	45.9	-45°	40.1	38.7	37.3	35.8	34.2	32.6	30.8	28.9	26.9
50.8	45.9	-46.25°	38.5	37.3	35.9	34.5	32.9	31.4	29.7	27.9	25.9
50.8	45.9	-47.5°	37.0	35.8	34.5	33.1	31.7	30.2	28.6	26.9	25.0
50.7	45.8	-48.75°	35.5	34.3	33.1	31.8	30.4	29.0	27.5	25.8	24.0
50.6	45.8	-50°	34.0	32.9	31.8	30.5	29.2	27.8	26.3	24.8	23.1
50.5	45.7	-51.25°	32.4	31.5	30.4	29.2	27.9	26.6	25.2	23.7	22.2
50.3	45.5	-52.5°	31.0	30.1	29.1	27.9	26.7	25.5	24.1	22.7	21.2
50.1	45.4	-53.75°	29.6	28.7	27.7	26.6	25.5	24.3	23.0	21.7	20.2
49.9	45.2	-55°	28.2	27.4	26.4	25.4	24.3	23.1	21.9	20.6	19.3
49.6	45.0	-56.25°	26.8	26.0	25.1	24.1	23.0	21.9	20.8	19.6	18.3
49.3	44.7	-57.5°	25.4	24.7	23.8	22.9	21.8	20.8	19.7	18.6	17.3
49.0	44.4	-58.75°	24.1	23.4	22.5	21.6	20.7	19.7	18.7	17.5	16.4
48.6	44.1	-60°	22.7	22.1	21.3	20.4	19.5	18.6	17.6	16.5	15.5
48.2	43.7	-61.25°	21.3	20.8	20.0	19.2	18.4	17.5	16.5	15.6	14.6
47.8	43.4	-62.5°	20.0	19.5	18.8	18.0	17.2	16.4	15.5	14.7	13.8
47.3	43.0	-63.75°	18.6	18.2	17.6	16.9	16.1	15.3	14.5	13.7	12.9
46.8	42.6	-65°	17.3	16.9	16.3	15.7	15.0	14.3	13.6	12.8	12.0
46.3	42.1	-66.25°	16.1	15.7	15.1	14.5	13.9	13.3	12.6	11.9	11.1
45.8	41.6	-67.5°	14.8	14.4	14.0	13.5	12.9	12.3	11.6	10.9	10.3
45.2	41.1	-68.75°	13.5	13.2	12.9	12.4	11.9	11.3	10.6	10.1	9.6
44.6	40.6	-70°	12.4	12.1	11.8	11.3	10.8	10.3	9.8	9.3	8.8
44.0	40.1	-71.25°	11.3	11.0	10.7	10.3	9.8	9.4	9.0	8.6	8.1
43.4	39.5	-72.5°	10.2	9.9	9.6	9.3	9.0	8.6	8.2	7.8	7.3
42.7	38.9	-73.75°	9.1	8.9	8.7	8.4	8.1	7.8	7.4	7.0	6.5
42.0	38.3	-75°	8.1	8.0	7.8	7.5	7.3	6.9	6.6	6.2	5.9
41.3	37.7	-76.25°	7.2	7.1	6.9	6.7	6.4	6.1	5.8	5.6	5.4
40.6	37.0	-77.5°	6.3	6.2	6.0	5.8	5.5	5.4	5.3	5.1	4.9



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
39.8	36.3	-78.75°	5.4	5.3	5.1	5.1	5.0	4.8	4.7	4.5	4.3
39.0	35.6	-80°	4.6	4.6	4.6	4.5	4.4	4.3	4.1	4.0	3.8
38.2	34.9	-81.25°	4.1	4.0	4.0	3.9	3.8	3.7	3.6	3.4	3.3
37.4	34.2	-82.5°	3.5	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8
36.6	33.5	-83.75°	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6
35.8	32.7	-85°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
34.9	32.0	-86.25°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
34.1	31.2	-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
33.2	30.5	-88.75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
32.4	29.7	-90°	3.1	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5
31.5	28.9										
30.7	28.1										
29.9	27.3										
29.1	26.5										
28.2	25.7										
27.3	25.0										
26.5	24.2										
25.6	23.5										
24.8	22.7										
23.9	21.9										
23.1	21.1										
22.2	20.3										
21.3	19.5										
20.5	18.7										
19.6	17.9										
18.7	17.1										
17.8	16.4										
17.0	15.6										
16.1	14.8										
15.3	14.0										
14.5	13.3										
13.6	12.5										
12.8	11.7										
11.9	11.0										
11.2	10.4										
10.4	9.7										
9.7	9.0										
9.0	8.3										
8.2	7.6										
7.5	6.9										
6.8	6.3										
6.1	5.8										
5.6	5.3										
5.1	4.8										
4.6	4.3										

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
4.1	3.8	90°	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4
3.6	3.4	88.75°	2.6	2.5	2.4	2.2	2.1	2.0	1.9	1.8	1.7
3.1	2.9	87.5°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.8
2.8	2.7	86.25°	3.3	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.9
2.6	2.5	85°	3.6	3.4	3.1	2.9	2.7	2.5	2.3	2.1	1.9
2.4	2.4	83.75°	3.9	3.6	3.4	3.1	2.9	2.7	2.4	2.2	2.0
2.2	2.2	82.5°	4.2	3.9	3.6	3.4	3.1	2.8	2.6	2.3	2.1
2.0	2.0	81.25°	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.5	2.2
1.8	1.8	80°	5.0	4.5	4.1	3.8	3.5	3.2	2.9	2.6	2.3
2.5	2.4	78.75°	5.7	5.0	4.4	4.0	3.7	3.3	3.0	2.7	2.4
		77.5°	6.5	5.7	4.9	4.2	3.9	3.5	3.1	2.8	2.5
		76.25°	7.2	6.4	5.5	4.7	4.0	3.6	3.3	2.9	2.5
		75°	8.0	7.0	6.1	5.2	4.3	3.8	3.4	3.0	2.6
		73.75°	8.7	7.7	6.7	5.7	4.8	4.0	3.5	3.1	2.7
		72.5°	9.5	8.4	7.3	6.3	5.3	4.3	3.6	3.2	2.8
		71.25°	10.2	9.0	7.9	6.8	5.7	4.7	3.8	3.3	2.9
		70°	11.0	9.7	8.5	7.3	6.2	5.1	4.0	3.4	3.0
		68.75°	11.9	10.3	9.1	7.8	6.6	5.4	4.3	3.5	3.0
		67.5°	12.9	11.1	9.6	8.3	7.1	5.8	4.6	3.6	3.1
		66.25°	13.8	12.0	10.2	8.8	7.5	6.2	4.9	3.7	3.2
		65°	14.8	12.8	11.0	9.3	7.9	6.6	5.2	4.0	3.3
		63.75°	15.7	13.7	11.7	9.8	8.3	6.9	5.5	4.2	3.3
		62.5°	16.6	14.5	12.4	10.4	8.8	7.3	5.8	4.5	3.4
		61.25°	17.4	15.3	13.1	11.1	9.2	7.6	6.1	4.7	3.5
		60°	18.3	16.1	13.9	11.7	9.6	8.0	6.4	5.0	3.6
		58.75°	19.3	16.8	14.5	12.3	10.1	8.3	6.7	5.2	3.7
		57.5°	20.3	17.6	15.2	12.9	10.6	8.6	7.0	5.4	3.9
		56.25°	21.3	18.4	15.9	13.5	11.1	9.0	7.3	5.6	4.1
		55°	22.2	19.2	16.5	14.1	11.7	9.3	7.6	5.9	4.3
		53.75°	23.2	20.1	17.2	14.6	12.2	9.7	7.8	6.1	4.5
		52.5°	24.1	20.9	17.9	15.2	12.6	10.2	8.1	6.3	4.6
		51.25°	25.0	21.7	18.6	15.7	13.1	10.6	8.3	6.5	4.8
		50°	25.8	22.5	19.3	16.3	13.6	11.0	8.6	6.7	5.0
		48.75°	26.7	23.3	20.0	16.8	14.0	11.4	8.8	6.9	5.1
		47.5°	27.5	24.0	20.6	17.3	14.5	11.7	9.1	7.1	5.3
		46.25°	28.4	24.7	21.3	17.9	14.9	12.1	9.4	7.3	5.4
		45°	29.2	25.4	21.9	18.4	15.3	12.5	9.7	7.5	5.6
		43.75°	30.0	26.1	22.5	19.0	15.7	12.8	10.0	7.7	5.7
		42.5°	30.8	26.8	23.1	19.5	16.1	13.2	10.3	7.8	5.9
		41.25°	31.6	27.5	23.7	20.0	16.5	13.5	10.6	8.0	6.0
		40°	32.3	28.1	24.2	20.5	16.9	13.8	10.9	8.2	6.1
		38.75°	33.0	28.8	24.7	21.0	17.3	14.1	11.1	8.3	6.2
		37.5°	33.7	29.4	25.2	21.4	17.7	14.4	11.4	8.5	6.4
		36.25°	34.3	30.0	25.7	21.9	18.1	14.7	11.6	8.6	6.5
		35°	34.9	30.5	26.3	22.3	18.5	14.9	11.9	8.8	6.6



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
1.4	1.4	33.75°	35.5	31.1	26.7	22.7	18.9	15.2	12.1	9.0	6.7
1.6	1.5	32.5°	36.1	31.6	27.2	23.1	19.2	15.5	12.3	9.2	6.8
1.7	1.6	31.25°	36.6	32.1	27.6	23.4	19.5	15.7	12.5	9.4	6.9
1.7	1.6	30°	37.1	32.5	28.1	23.8	19.8	16.0	12.7	9.6	7.0
1.8	1.7	28.75°	37.6	32.9	28.4	24.1	20.1	16.3	12.9	9.7	7.1
1.9	1.7	27.5°	38.0	33.3	28.8	24.4	20.4	16.5	13.1	9.9	7.2
1.9	1.8	26.25°	38.4	33.7	29.2	24.7	20.7	16.8	13.3	10.0	7.2
2.0	1.8	25°	38.8	34.0	29.5	25.0	20.9	17.0	13.5	10.2	7.3
2.1	1.8	23.75°	39.1	34.3	29.8	25.3	21.2	17.2	13.6	10.3	7.4
2.1	1.9	22.5°	39.4	34.6	30.0	25.6	21.4	17.4	13.7	10.4	7.5
2.2	1.9	21.25°	39.7	34.9	30.3	25.8	21.6	17.6	13.9	10.5	7.5
2.2	2.0	20°	39.9	35.2	30.6	26.0	21.8	17.7	14.0	10.6	7.6
2.3	2.0	18.75°	40.1	35.4	30.8	26.2	21.9	17.9	14.1	10.7	7.6
2.4	2.0	17.5°	40.4	35.6	31.0	26.4	22.1	18.0	14.2	10.8	7.7
2.4	2.1	16.25°	40.5	35.8	31.2	26.6	22.2	18.2	14.3	10.9	7.7
2.5	2.1	15°	40.7	36.0	31.3	26.7	22.3	18.3	14.4	11.0	7.7
2.6	2.2	13.75°	40.8	36.1	31.5	26.9	22.4	18.4	14.5	11.0	7.8
2.6	2.2	12.5°	40.9	36.2	31.6	27.0	22.5	18.5	14.5	11.1	7.8
2.7	2.2	11.25°	41.0	36.3	31.6	27.1	22.6	18.5	14.6	11.2	7.8
2.7	2.3	10°	41.0	36.4	31.7	27.1	22.6	18.6	14.6	11.2	7.8
2.8	2.3	8.75°	41.0	36.4	31.7	27.2	22.6	18.6	14.7	11.2	7.8
2.8	2.3	7.5°	41.0	36.4	31.8	27.2	22.7	18.6	14.7	11.2	7.9
2.9	2.4	6.25°	41.0	36.4	31.8	27.2	22.6	18.7	14.7	11.3	7.9
2.9	2.4	5°	40.9	36.3	31.7	27.2	22.6	18.6	14.7	11.3	7.9
3.0	2.5	3.75°	40.8	36.2	31.7	27.1	22.6	18.6	14.7	11.3	7.8
3.1	2.5	2.5°	40.6	36.1	31.6	27.1	22.5	18.6	14.7	11.2	7.8
3.1	2.5	1.25°	40.5	36.0	31.5	27.0	22.5	18.6	14.6	11.2	7.8
3.2	2.6	0°	40.3	35.9	31.4	26.9	22.4	18.5	14.6	11.2	7.8
3.2	2.6	-1.25°	40.1	35.7	31.3	26.8	22.3	18.4	14.6	11.2	7.8
3.3	2.6	-2.5°	39.8	35.5	31.1	26.7	22.2	18.4	14.5	11.1	7.8
3.3	2.7	-3.75°	39.6	35.2	30.9	26.5	22.1	18.3	14.5	11.1	7.8
3.4	2.7	-5°	39.3	35.0	30.7	26.4	22.0	18.2	14.4	11.1	7.7
3.4	2.7	-6.25°	39.0	34.7	30.4	26.2	21.9	18.1	14.3	11.0	7.7
3.4	2.8	-7.5°	38.6	34.4	30.2	26.0	21.7	18.0	14.2	10.9	7.7
3.5	2.8	-8.75°	38.3	34.1	29.9	25.7	21.6	17.9	14.2	10.9	7.6
3.6	2.8	-10°	37.9	33.8	29.6	25.5	21.4	17.7	14.1	10.8	7.6
3.8	2.8	-11.25°	37.5	33.4	29.3	25.3	21.2	17.6	13.9	10.7	7.5
3.9	2.9	-12.5°	37.1	33.0	29.0	25.0	21.0	17.4	13.8	10.6	7.5
4.0	2.9	-13.75°	36.6	32.6	28.7	24.7	20.8	17.2	13.7	10.5	7.4
4.1	2.9	-15°	36.1	32.2	28.3	24.4	20.6	17.0	13.6	10.4	7.4
4.2	2.9	-16.25°	35.7	31.8	27.9	24.1	20.3	16.9	13.4	10.3	7.3
4.3	3.0	-17.5°	35.1	31.3	27.6	23.8	20.1	16.6	13.3	10.2	7.3
4.4	3.0	-18.75°	34.6	30.9	27.2	23.4	19.8	16.4	13.1	10.1	7.2
4.4	3.0	-20°	34.0	30.4	26.7	23.1	19.6	16.2	12.9	9.9	7.1
4.5	3.0	-21.25°	33.5	29.9	26.3	22.7	19.3	16.0	12.8	9.8	7.0



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
4.6	3.1	-22.5°	32.9	29.3	25.9	22.3	19.0	15.7	12.6	9.6	7.0
4.7	3.1	-23.75°	32.3	28.8	25.4	22.0	18.7	15.4	12.4	9.5	6.9
4.8	3.1	-25°	31.6	28.2	25.0	21.6	18.4	15.2	12.2	9.3	6.8
4.8	3.1	-26.25°	31.0	27.7	24.5	21.1	18.0	14.9	12.0	9.2	6.7
4.9	3.1	-27.5°	30.3	27.1	24.0	20.7	17.7	14.6	11.8	9.0	6.6
5.0	3.2	-28.75°	29.7	26.6	23.5	20.3	17.4	14.3	11.6	8.8	6.5
5.0	3.2	-30°	29.0	26.0	23.0	19.9	17.0	14.0	11.3	8.6	6.4
5.1	3.2	-31.25°	28.3	25.4	22.4	19.5	16.6	13.7	11.1	8.4	6.3
5.1	3.2	-32.5°	27.6	24.8	21.9	19.0	16.2	13.4	10.9	8.2	6.2
5.2	3.2	-33.75°	26.9	24.2	21.4	18.6	15.9	13.1	10.6	8.0	6.1
5.2	3.2	-35°	26.2	23.6	20.8	18.1	15.5	12.8	10.4	7.8	6.0
5.3	3.2	-36.25°	25.5	23.0	20.3	17.7	15.1	12.5	10.1	7.6	5.8
5.3	3.2	-37.5°	24.8	22.3	19.7	17.2	14.6	12.2	9.8	7.4	5.7
5.4	3.3	-38.75°	24.1	21.7	19.2	16.7	14.2	11.9	9.6	7.3	5.6
5.4	3.3	-40°	23.4	21.1	18.6	16.3	13.8	11.6	9.3	7.1	5.5
5.4	3.3	-41.25°	22.7	20.4	18.1	15.8	13.3	11.2	9.0	6.9	5.3
5.5	3.3	-42.5°	22.0	19.8	17.5	15.3	13.0	10.9	8.7	6.8	5.2
5.5	3.3	-43.75°	21.3	19.1	17.0	14.7	12.6	10.5	8.4	6.6	5.1
5.5	3.3	-45°	20.6	18.5	16.4	14.2	12.2	10.2	8.1	6.4	4.9
5.5	3.3	-46.25°	19.9	17.8	15.8	13.7	11.8	9.8	7.8	6.2	4.8
5.5	3.3	-47.5°	19.1	17.2	15.2	13.2	11.4	9.5	7.5	6.1	4.6
5.6	3.3	-48.75°	18.4	16.6	14.6	12.7	10.9	9.1	7.2	5.9	4.5
5.6	3.3	-50°	17.7	15.9	14.0	12.2	10.5	8.7	7.0	5.7	4.3
5.6	3.3	-51.25°	17.0	15.3	13.4	11.7	10.1	8.4	6.8	5.5	4.2
5.6	3.3	-52.5°	16.3	14.6	12.8	11.3	9.7	8.0	6.6	5.3	4.0
5.6	3.3	-53.75°	15.6	13.9	12.2	10.8	9.2	7.6	6.3	5.1	3.9
5.6	3.3	-55°	14.9	13.3	11.7	10.3	8.8	7.2	6.1	4.9	3.7
5.6	3.3	-56.25°	14.1	12.6	11.2	9.8	8.4	7.0	5.9	4.7	3.5
5.5	3.3	-57.5°	13.4	12.0	10.7	9.3	7.9	6.7	5.6	4.5	3.4
5.5	3.3	-58.75°	12.7	11.4	10.1	8.9	7.5	6.4	5.4	4.3	3.2
5.5	3.3	-60°	12.0	10.8	9.6	8.4	7.1	6.1	5.1	4.1	3.0
5.5	3.3	-61.25°	11.3	10.2	9.1	7.9	6.8	5.8	4.9	3.9	3.0
5.5	3.3	-62.5°	10.7	9.6	8.5	7.4	6.4	5.6	4.6	3.7	2.9
5.5	3.3	-63.75°	10.1	9.0	8.0	6.9	6.1	5.3	4.4	3.5	2.8
5.4	3.3	-65°	9.4	8.5	7.4	6.6	5.8	5.0	4.1	3.2	2.8
5.4	3.2	-66.25°	8.8	7.9	6.9	6.2	5.5	4.7	3.9	3.0	2.7
5.4	3.2	-67.5°	8.1	7.3	6.5	5.8	5.1	4.4	3.6	2.9	2.6
5.3	3.2	-68.75°	7.5	6.7	6.1	5.5	4.8	4.1	3.4	2.8	2.6
5.3	3.2	-70°	6.8	6.3	5.7	5.1	4.5	3.8	3.1	2.8	2.5
5.3	3.2	-71.25°	6.3	5.8	5.3	4.7	4.1	3.5	2.9	2.7	2.4
5.2	3.2	-72.5°	5.9	5.4	4.9	4.4	3.8	3.2	2.8	2.6	2.4
5.2	3.2	-73.75°	5.4	5.0	4.5	4.0	3.5	3.0	2.7	2.5	2.3
5.1	3.2	-75°	5.0	4.5	4.1	3.6	3.1	2.9	2.6	2.4	2.2
5.1	3.1	-76.25°	4.5	4.1	3.7	3.2	2.9	2.7	2.6	2.4	2.2
5.0	3.1	-77.5°	4.0	3.7	3.3	3.0	2.8	2.6	2.5	2.3	2.1



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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°
4.9	3.1	-78.75°	3.6	3.2	3.0	2.8	2.7	2.5	2.4	2.2	2.0
4.9	3.1	-80°	3.1	2.9	2.8	2.7	2.5	2.4	2.3	2.1	2.0
4.8	3.1	-81.25°	2.9	2.8	2.6	2.5	2.4	2.3	2.2	2.0	1.9
4.7	3.0	-82.5°	2.7	2.6	2.5	2.4	2.3	2.2	2.1	1.9	1.8
4.7	3.0	-83.75°	2.5	2.4	2.3	2.2	2.1	2.1	2.0	1.9	1.7
4.6	3.0	-85°	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.8	1.7
4.5	3.0	-86.25°	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7	1.6
4.4	3.0	-87.5°	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5
4.4	2.9	-88.75°	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5
4.3	2.9	-90°	2.3	2.2	2.1	2.0	1.9	1.8	1.8	1.7	1.6
4.2	2.9										
4.1	2.9										
4.0	2.8										
3.9	2.8										
3.8	2.8										
3.7	2.8										
3.6	2.7										
3.5	2.7										
3.4	2.7										
3.3	2.6										
3.2	2.6										
3.1	2.6										
3.1	2.5										
3.0	2.5										
3.0	2.5										
2.9	2.5										
2.9	2.4										
2.8	2.4										
2.8	2.4										
2.7	2.3										
2.7	2.3										
2.6	2.3										
2.6	2.2										
2.5	2.2										
2.5	2.1										
2.4	2.1										
2.4	2.1										
2.3	2.0										
2.3	2.0										
2.2	2.0										
2.2	1.9										
2.1	1.9										
2.1	1.9										
2.0	1.8										
1.9	1.8										

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		88.75°	90°
1.9	1.7	90°	1.4	1.4
1.8	1.7	88.75°	1.5	1.4
1.8	1.7	87.5°	1.5	1.4
1.7	1.6	86.25°	1.5	1.4
1.7	1.6	85°	1.5	1.4
1.6	1.6	83.75°	1.6	1.4
1.6	1.5	82.5°	1.6	1.4
1.5	1.5	81.25°	1.6	1.4
1.5	1.4	80°	1.6	1.4
1.6	1.5	78.75°	1.6	1.4
		77.5°	1.7	1.4
		76.25°	1.7	1.4
		75°	1.7	1.4
		73.75°	1.7	1.4
		72.5°	1.7	1.4
		71.25°	1.8	1.4
		70°	1.8	1.4
		68.75°	1.8	1.4
		67.5°	1.8	1.4
		66.25°	1.8	1.4
		65°	1.9	1.4
		63.75°	1.9	1.4
		62.5°	1.9	1.4
		61.25°	1.9	1.4
		60°	1.9	1.4
		58.75°	1.9	1.4
		57.5°	2.0	1.4
		56.25°	2.0	1.4
		55°	2.0	1.4
		53.75°	2.0	1.4
		52.5°	2.0	1.4
		51.25°	2.0	1.4
		50°	2.1	1.4
		48.75°	2.1	1.4
		47.5°	2.1	1.4
		46.25°	2.1	1.4
		45°	2.1	1.4
		43.75°	2.1	1.4
		42.5°	2.1	1.4
		41.25°	2.2	1.4
		40°	2.2	1.4
		38.75°	2.2	1.4
		37.5°	2.2	1.4
		36.25°	2.2	1.4
		35°	2.2	1.4



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
33.75°	2.2	1.4
32.5°	2.2	1.4
31.25°	2.2	1.4
30°	2.3	1.4
28.75°	2.3	1.4
27.5°	2.3	1.4
26.25°	2.3	1.4
25°	2.3	1.4
23.75°	2.3	1.4
22.5°	2.3	1.4
21.25°	2.3	1.4
20°	2.3	1.4
18.75°	2.3	1.4
17.5°	2.3	1.4
16.25°	2.3	1.4
15°	2.3	1.4
13.75°	2.3	1.4
12.5°	2.3	1.4
11.25°	2.3	1.4
10°	2.3	1.4
8.75°	2.3	1.4
7.5°	2.4	1.4
6.25°	2.4	1.4
5°	2.4	1.4
3.75°	2.4	1.4
2.5°	2.4	1.4
1.25°	2.4	1.4
0°	2.4	1.4
-1.25°	2.3	1.4
-2.5°	2.3	1.4
-3.75°	2.3	1.4
-5°	2.3	1.4
-6.25°	2.3	1.4
-7.5°	2.3	1.4
-8.75°	2.3	1.4
-10°	2.3	1.4
-11.25°	2.3	1.4
-12.5°	2.3	1.4
-13.75°	2.3	1.4
-15°	2.3	1.4
-16.25°	2.3	1.4
-17.5°	2.3	1.4
-18.75°	2.3	1.4
-20°	2.3	1.4
-21.25°	2.3	1.4

REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P394914 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	88.75°	90°
-78.75°	1.6	1.4
-80°	1.6	1.4
-81.25°	1.5	1.4
-82.5°	1.5	1.4
-83.75°	1.5	1.4
-85°	1.5	1.4
-86.25°	1.5	1.4
-87.5°	1.4	1.4
-88.75°	1.4	1.4
-90°	1.5	1.4

(END OF REPORT)