

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: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)

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

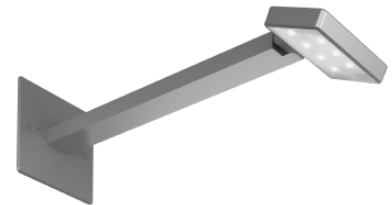
Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/9/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 303-S1-LEDB1-3500-UNV-T4-DIM10  
Description: LUMIERE EON LED LUMINAIRE  
CEILING WALL MOUNT, ONE LIGHTBAR, TYPE 4  
Light Source: 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

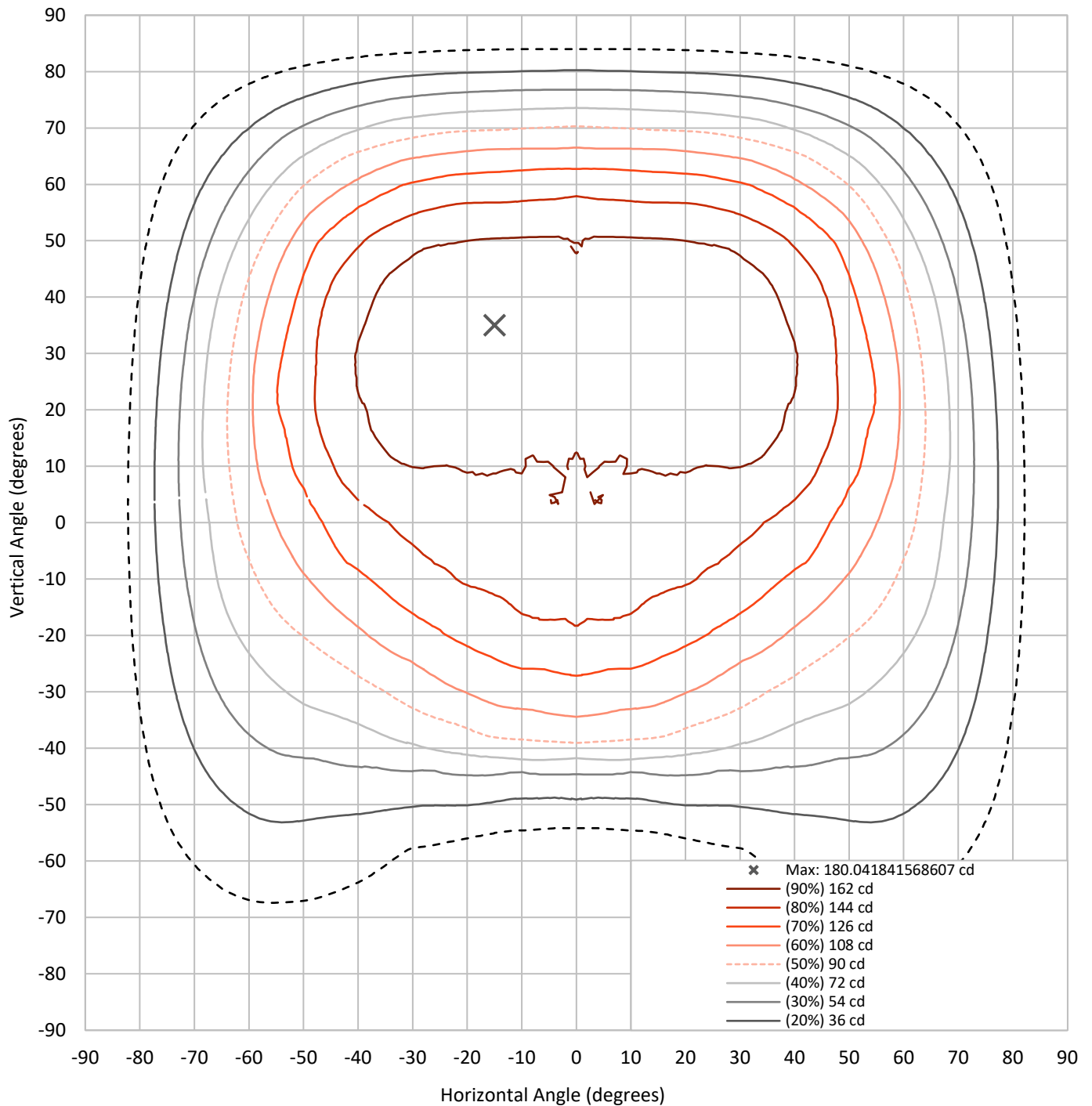
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	529 lumens	Max Intensity:	180 candela
Efficiency:	N/A	Max Intensity Angle:	-15°H x 35°V
Efficacy:	63.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.38' x L: 0.21' x H: 0')		
Beam Angle (50%):	124.5°H x 107.7°V	Field Angle (10%):	161.6°H x 138.9°V
Beam Lumens:	426.7 lumens	Field Lumens:	521 lumens
Beam Efficiency:	80.7%	Field Efficiency:	98.5%
Input Watts (W):	8.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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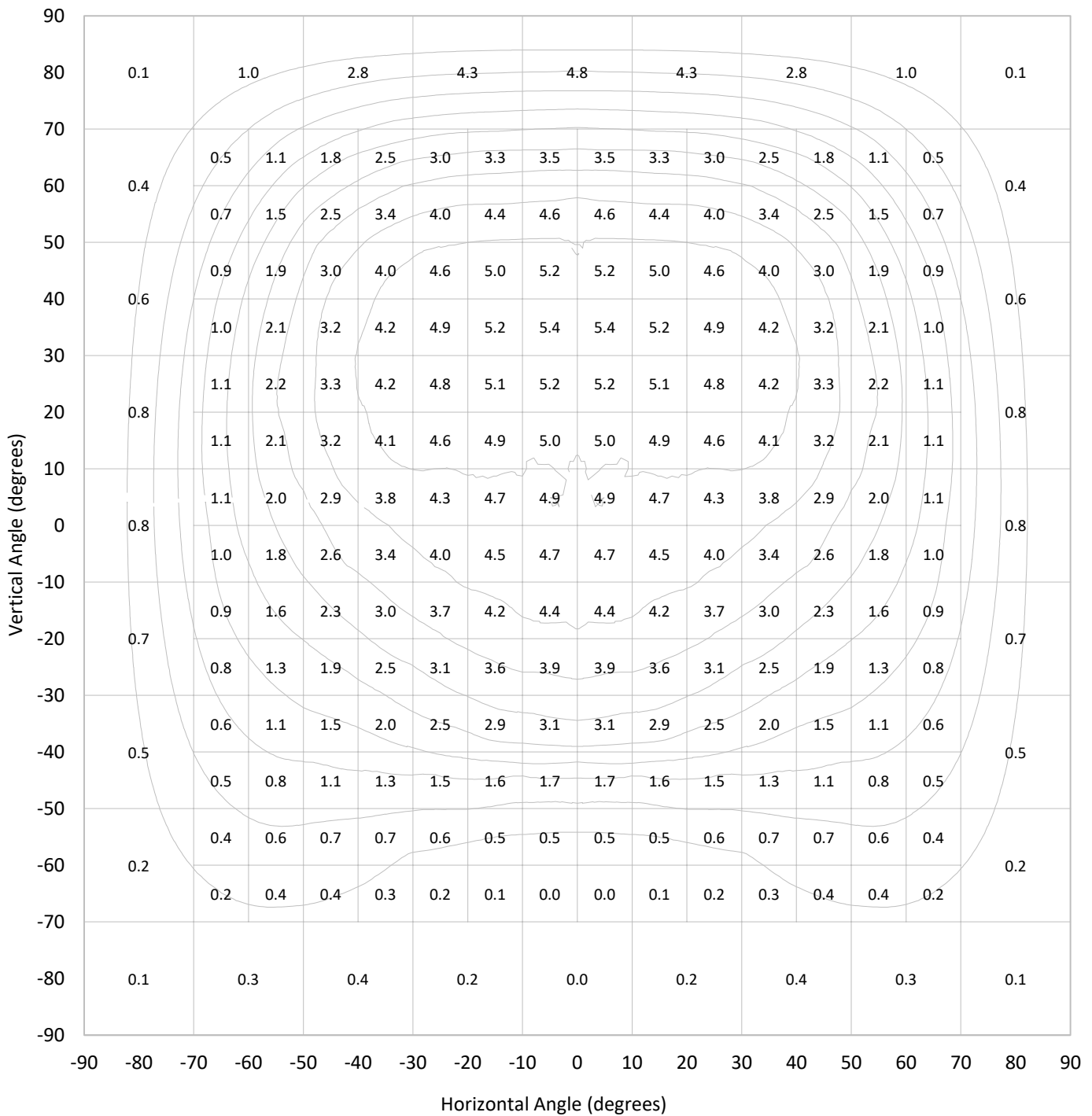
### Iso-Candela Plot





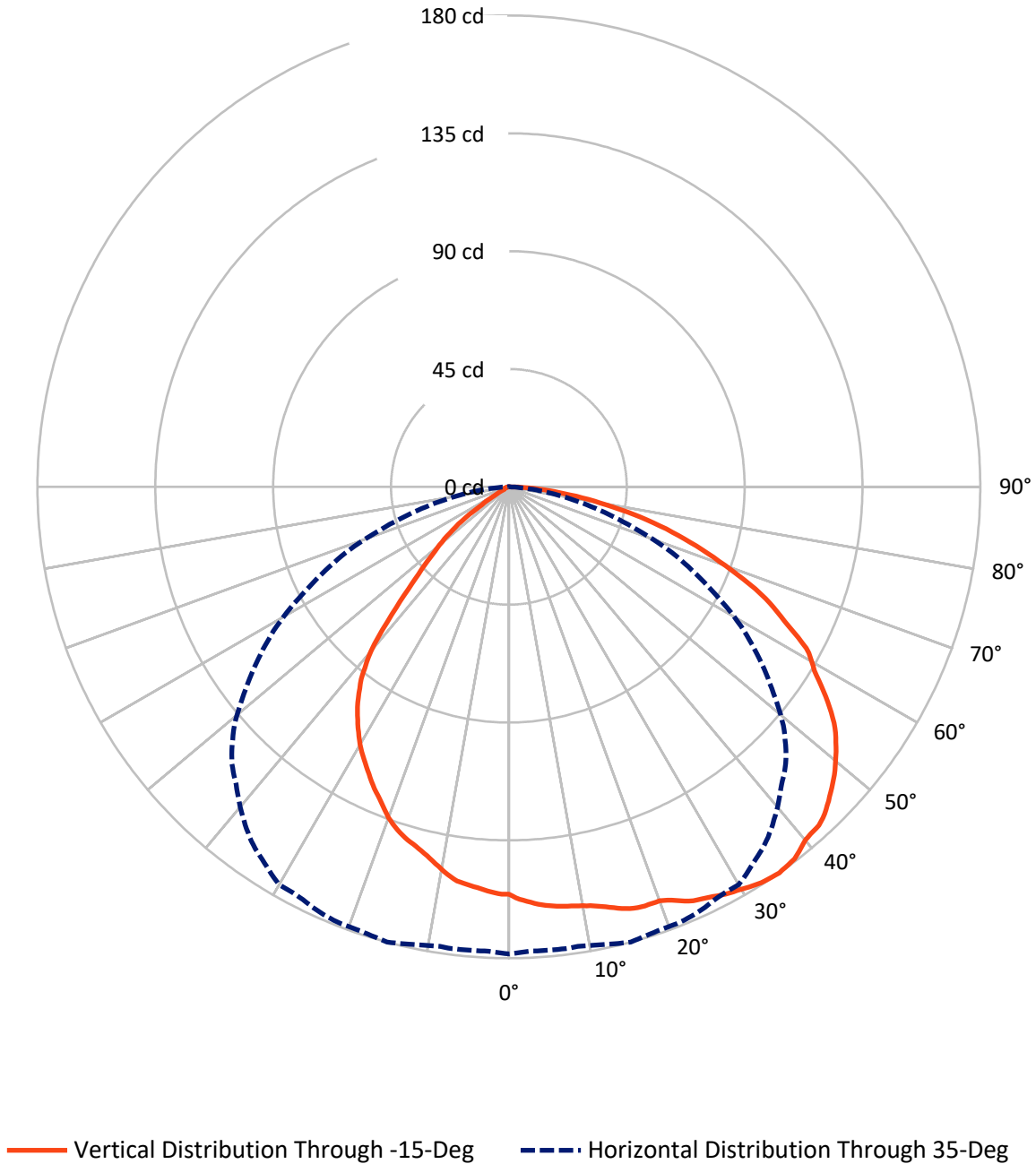
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### Lumen Table



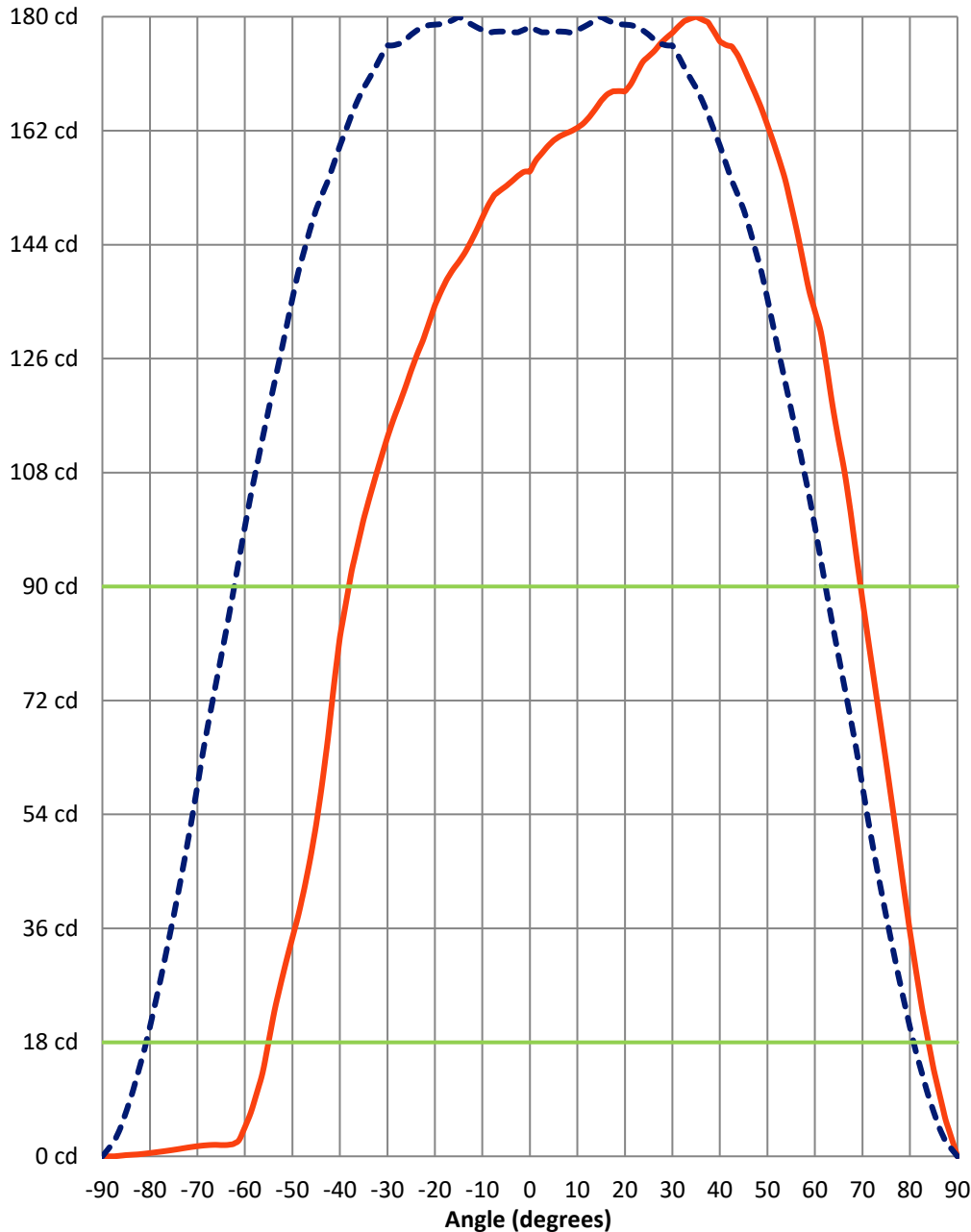
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 124.5°  
 V Angle: 107.7°  
 Lumens: 426.7  
 Efficiency: 80.7%

**Field:**  
 H Angle: 161.6°  
 V Angle: 138.9°  
 Lumens: 521  
 Efficiency: 98.5%

**Spill:**  
 Lumens: 8  
 Efficiency: 1.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8
86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.2
85°	0.0	0.1	0.3	0.4	0.5	0.7	0.9	1.0	1.2	1.4	1.6
83.75°	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.3	1.5	1.7	2.0
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.5	1.8	2.1	2.3
81.25°	0.0	0.2	0.4	0.7	0.9	1.2	1.5	1.8	2.1	2.4	2.7
80°	0.0	0.2	0.5	0.8	1.1	1.4	1.7	2.0	2.4	2.7	3.1
78.75°	0.0	0.3	0.6	0.9	1.2	1.5	1.9	2.3	2.7	3.1	3.5
77.5°	0.0	0.3	0.6	1.0	1.3	1.7	2.1	2.5	3.0	3.4	4.1
76.25°	0.0	0.3	0.7	1.1	1.5	1.9	2.3	2.8	3.2	3.9	4.8
75°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.6	5.5
73.75°	0.0	0.4	0.8	1.3	1.7	2.2	2.7	3.3	4.2	5.2	6.3
72.5°	0.0	0.4	0.9	1.4	1.9	2.4	2.9	3.7	4.8	5.9	7.0
71.25°	0.0	0.5	0.9	1.5	2.0	2.5	3.1	4.1	5.3	6.5	7.7
70°	0.0	0.5	1.0	1.5	2.1	2.7	3.4	4.6	5.9	7.1	8.3
68.75°	0.0	0.5	1.1	1.6	2.2	2.9	3.8	5.1	6.4	7.7	9.0
67.5°	0.0	0.5	1.1	1.7	2.4	3.0	4.2	5.6	7.0	8.3	9.7
66.25°	0.0	0.6	1.2	1.8	2.5	3.2	4.6	6.0	7.5	8.9	10.4
65°	0.0	0.6	1.2	1.9	2.6	3.5	5.0	6.5	8.0	9.5	11.3
63.75°	0.0	0.6	1.3	2.0	2.7	3.8	5.4	7.0	8.5	10.1	12.2
62.5°	0.0	0.7	1.4	2.1	2.8	4.2	5.8	7.4	9.1	10.9	13.1
61.25°	0.0	0.7	1.4	2.2	2.9	4.5	6.2	7.9	9.6	11.6	14.0
60°	0.0	0.7	1.5	2.2	3.1	4.8	6.5	8.3	10.1	12.4	14.9
58.75°	0.0	0.7	1.5	2.3	3.3	5.1	6.9	8.7	10.7	13.1	15.7
57.5°	0.0	0.8	1.6	2.4	3.5	5.4	7.3	9.2	11.3	13.9	16.5
56.25°	0.0	0.8	1.6	2.5	3.8	5.7	7.6	9.6	12.0	14.6	17.3
55°	0.0	0.8	1.7	2.6	4.0	6.0	8.0	10.0	12.6	15.3	18.1
53.75°	0.0	0.8	1.7	2.6	4.2	6.3	8.4	10.5	13.2	15.9	18.9
52.5°	0.0	0.9	1.8	2.7	4.5	6.6	8.7	11.0	13.7	16.6	19.6
51.25°	0.0	0.9	1.8	2.8	4.7	6.9	9.0	11.5	14.3	17.2	20.4
50°	0.0	0.9	1.9	2.9	4.9	7.1	9.4	12.0	14.8	17.8	21.2
48.75°	0.0	0.9	1.9	2.9	5.1	7.4	9.7	12.4	15.4	18.4	21.9
47.5°	0.0	1.0	2.0	3.0	5.3	7.6	10.0	12.9	15.9	19.1	22.6
46.25°	0.0	1.0	2.0	3.2	5.5	7.9	10.4	13.3	16.4	19.7	23.4
45°	0.0	1.0	2.1	3.3	5.7	8.1	10.8	13.7	16.8	20.3	24.0
43.75°	0.0	1.0	2.1	3.5	5.9	8.4	11.1	14.1	17.3	20.9	24.7
42.5°	0.0	1.1	2.1	3.6	6.1	8.6	11.4	14.5	17.8	21.5	25.3
41.25°	0.0	1.1	2.2	3.8	6.2	8.8	11.8	14.9	18.2	22.0	26.0
40°	0.0	1.1	2.2	3.9	6.4	9.0	12.1	15.3	18.7	22.6	26.6
38.75°	0.0	1.1	2.3	4.0	6.6	9.2	12.4	15.6	19.1	23.1	27.1
37.5°	0.0	1.1	2.3	4.1	6.7	9.4	12.7	15.9	19.6	23.6	27.7
36.25°	0.0	1.1	2.3	4.2	6.9	9.6	12.9	16.2	20.0	24.1	28.3
35°	0.0	1.2	2.4	4.4	7.0	9.9	13.2	16.5	20.4	24.5	28.8



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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0.0	1.2	2.4	4.5	7.2	10.1	13.5	16.9	20.8	25.0	29.4
32.5°	0.0	1.2	2.4	4.6	7.3	10.3	13.7	17.1	21.2	25.4	29.9
31.25°	0.0	1.2	2.5	4.7	7.4	10.5	14.0	17.4	21.5	25.8	30.4
30°	0.0	1.2	2.5	4.8	7.6	10.7	14.2	17.8	21.9	26.2	30.8
28.75°	0.0	1.2	2.5	4.9	7.7	10.9	14.4	18.1	22.2	26.5	31.3
27.5°	0.0	1.3	2.5	4.9	7.8	11.0	14.6	18.4	22.6	26.9	31.7
26.25°	0.0	1.3	2.6	5.0	7.9	11.2	14.9	18.7	22.9	27.2	32.1
25°	0.0	1.3	2.6	5.1	8.0	11.4	15.0	18.9	23.2	27.6	32.5
23.75°	0.0	1.3	2.6	5.2	8.1	11.5	15.2	19.2	23.5	28.0	32.8
22.5°	0.0	1.3	2.6	5.3	8.2	11.7	15.4	19.4	23.8	28.3	33.2
21.25°	0.0	1.3	2.7	5.3	8.3	11.8	15.6	19.7	24.0	28.6	33.5
20°	0.0	1.3	2.7	5.4	8.3	11.9	15.7	19.9	24.3	28.9	33.8
18.75°	0.0	1.3	2.7	5.4	8.4	12.0	15.9	20.1	24.5	29.2	34.1
17.5°	0.0	1.3	2.7	5.5	8.5	12.2	16.0	20.3	24.7	29.4	34.3
16.25°	0.0	1.4	2.7	5.5	8.5	12.3	16.1	20.4	24.9	29.6	34.5
15°	0.0	1.4	2.7	5.6	8.6	12.3	16.2	20.6	25.1	29.8	34.7
13.75°	0.0	1.4	2.8	5.6	8.6	12.4	16.3	20.7	25.2	30.0	34.9
12.5°	0.0	1.4	2.8	5.6	8.7	12.5	16.4	20.8	25.4	30.1	35.0
11.25°	0.0	1.4	2.8	5.7	8.7	12.6	16.5	20.9	25.5	30.2	35.1
10°	0.0	1.4	2.8	5.7	8.7	12.6	16.6	21.0	25.6	30.3	35.2
8.75°	0.0	1.4	2.8	5.7	8.7	12.7	16.6	21.1	25.6	30.4	35.2
7.5°	0.0	1.4	2.8	5.7	8.7	12.7	16.7	21.2	25.7	30.4	35.2
6.25°	0.0	1.4	2.8	5.8	8.7	12.7	16.7	21.2	25.7	30.5	35.2
5°	0.0	1.4	2.8	5.8	8.8	12.7	16.7	21.2	25.8	30.5	35.2
3.75°	0.0	1.4	2.8	5.8	8.7	12.7	16.7	21.3	25.8	30.5	35.2
2.5°	0.0	1.4	2.8	5.8	8.7	12.7	16.7	21.3	25.8	30.4	35.1
1.25°	0.0	1.4	2.8	5.8	8.7	12.7	16.7	21.2	25.7	30.4	35.0
0°	0.0	1.4	2.8	5.8	8.7	12.7	16.7	21.2	25.7	30.3	34.9
-1.25°	0.0	1.4	2.8	5.7	8.7	12.7	16.6	21.1	25.6	30.2	34.7
-2.5°	0.0	1.4	2.8	5.7	8.7	12.6	16.6	21.0	25.5	30.0	34.5
-3.75°	0.0	1.4	2.8	5.7	8.7	12.6	16.5	20.9	25.4	29.8	34.3
-5°	0.0	1.4	2.8	5.7	8.6	12.5	16.4	20.8	25.3	29.7	34.0
-6.25°	0.0	1.4	2.8	5.7	8.6	12.5	16.3	20.7	25.1	29.5	33.7
-7.5°	0.0	1.4	2.8	5.7	8.6	12.4	16.2	20.6	25.0	29.2	33.4
-8.75°	0.0	1.4	2.8	5.6	8.5	12.3	16.1	20.4	24.8	29.0	33.1
-10°	0.0	1.4	2.8	5.6	8.5	12.2	15.9	20.2	24.6	28.7	32.8
-11.25°	0.0	1.4	2.8	5.6	8.4	12.1	15.8	20.0	24.4	28.5	32.4
-12.5°	0.0	1.4	2.7	5.5	8.4	12.0	15.6	19.8	24.1	28.2	32.1
-13.75°	0.0	1.4	2.7	5.5	8.3	11.9	15.5	19.6	23.9	27.9	31.7
-15°	0.0	1.4	2.7	5.4	8.2	11.7	15.3	19.4	23.6	27.6	31.3
-16.25°	0.0	1.3	2.7	5.4	8.2	11.6	15.1	19.1	23.3	27.3	30.9
-17.5°	0.0	1.3	2.7	5.3	8.1	11.5	14.9	18.9	23.0	26.9	30.5
-18.75°	0.0	1.3	2.7	5.3	8.0	11.3	14.7	18.6	22.7	26.6	30.1
-20°	0.0	1.3	2.6	5.2	7.9	11.2	14.5	18.3	22.4	26.2	29.7
-21.25°	0.0	1.3	2.6	5.1	7.8	11.0	14.3	18.0	22.1	25.9	29.2





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**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0.0	1.3	2.6	5.1	7.7	10.8	14.1	17.7	21.7	25.5	28.8
-23.75°	0.0	1.3	2.6	5.0	7.6	10.7	13.9	17.4	21.3	25.1	28.3
-25°	0.0	1.3	2.6	4.9	7.5	10.5	13.7	17.0	20.9	24.7	27.9
-26.25°	0.0	1.3	2.5	4.8	7.4	10.3	13.4	16.7	20.5	24.3	27.4
-27.5°	0.0	1.2	2.5	4.7	7.3	10.1	13.2	16.3	20.1	23.9	26.9
-28.75°	0.0	1.2	2.5	4.6	7.1	9.9	12.9	15.9	19.7	23.4	26.4
-30°	0.0	1.2	2.4	4.6	7.0	9.7	12.7	15.5	19.2	22.8	25.9
-31.25°	0.0	1.2	2.4	4.5	6.9	9.5	12.4	15.2	18.8	22.3	25.4
-32.5°	0.0	1.2	2.4	4.4	6.8	9.3	12.1	14.8	18.3	21.8	24.9
-33.75°	0.0	1.2	2.4	4.3	6.6	9.0	11.9	14.5	17.8	21.2	24.3
-35°	0.0	1.2	2.3	4.2	6.5	8.8	11.6	14.2	17.3	20.7	23.8
-36.25°	0.0	1.1	2.3	4.0	6.3	8.6	11.3	13.8	16.8	20.1	23.2
-37.5°	0.0	1.1	2.2	3.9	6.2	8.4	11.0	13.5	16.3	19.5	22.6
-38.75°	0.0	1.1	2.2	3.8	6.0	8.2	10.7	13.2	15.8	18.9	21.9
-40°	0.0	1.1	2.2	3.7	5.9	8.0	10.4	12.8	15.3	18.4	21.3
-41.25°	0.0	1.1	2.1	3.6	5.7	7.8	10.1	12.5	14.8	17.8	20.6
-42.5°	0.0	1.0	2.1	3.5	5.5	7.6	9.8	12.1	14.4	17.2	19.9
-43.75°	0.0	1.0	2.0	3.3	5.4	7.4	9.5	11.7	13.9	16.5	19.2
-45°	0.0	1.0	2.0	3.2	5.2	7.1	9.1	11.4	13.5	15.9	18.5
-46.25°	0.0	1.0	2.0	3.1	5.0	6.9	8.8	11.0	13.1	15.3	17.9
-47.5°	0.0	1.0	1.9	2.9	4.8	6.7	8.5	10.6	12.6	14.7	17.2
-48.75°	0.0	0.9	1.9	2.8	4.7	6.5	8.2	10.2	12.2	14.1	16.5
-50°	0.0	0.9	1.8	2.8	4.5	6.2	7.9	9.8	11.7	13.6	15.8
-51.25°	0.0	0.9	1.8	2.7	4.3	6.0	7.6	9.4	11.3	13.1	15.0
-52.5°	0.0	0.9	1.7	2.6	4.1	5.8	7.3	9.0	10.8	12.6	14.3
-53.75°	0.0	0.8	1.7	2.5	3.9	5.5	7.0	8.6	10.3	12.0	13.7
-55°	0.0	0.8	1.6	2.5	3.7	5.3	6.7	8.1	9.8	11.5	13.1
-56.25°	0.0	0.8	1.6	2.4	3.5	5.0	6.4	7.8	9.4	11.0	12.5
-57.5°	0.0	0.8	1.5	2.3	3.3	4.8	6.1	7.4	8.9	10.4	11.9
-58.75°	0.0	0.7	1.5	2.2	3.1	4.5	5.8	7.1	8.4	9.9	11.3
-60°	0.0	0.7	1.4	2.1	2.9	4.2	5.5	6.7	7.9	9.3	10.7
-61.25°	0.0	0.7	1.4	2.1	2.8	4.0	5.2	6.4	7.5	8.7	10.1
-62.5°	0.0	0.7	1.3	2.0	2.7	3.7	4.9	6.0	7.1	8.2	9.4
-63.75°	0.0	0.6	1.3	1.9	2.6	3.4	4.6	5.6	6.7	7.6	8.8
-65°	0.0	0.6	1.2	1.8	2.4	3.2	4.2	5.3	6.2	7.2	8.2
-66.25°	0.0	0.6	1.1	1.7	2.3	2.9	3.9	4.9	5.8	6.7	7.6
-67.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.6	4.5	5.4	6.3	7.1
-68.75°	0.0	0.5	1.0	1.6	2.1	2.6	3.3	4.2	5.0	5.8	6.6
-70°	0.0	0.5	1.0	1.5	2.0	2.4	2.9	3.8	4.6	5.3	6.0
-71.25°	0.0	0.5	0.9	1.4	1.9	2.3	2.7	3.4	4.1	4.9	5.5
-72.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	3.0	3.7	4.4	5.0
-73.75°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.3	3.9	4.5
-75°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.4	4.0
-76.25°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.3	2.6	3.0	3.5
-77.5°	0.0	0.3	0.6	0.9	1.3	1.5	1.8	2.1	2.3	2.6	3.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.9	2.1	2.3	2.5
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	1.9	2.1	2.2
-81.25°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.6	1.8	2.0
-82.5°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.4	1.5	1.7
-83.75°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.4
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-86.25°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
-88.75°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	0.9	1.0
87.5°	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9
86.25°	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4	2.6	2.7	2.9
85°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.9
83.75°	2.2	2.5	2.7	2.9	3.2	3.5	3.7	4.0	4.3	4.7	5.2
82.5°	2.6	2.9	3.2	3.5	3.8	4.2	4.8	5.3	5.9	6.5	7.1
81.25°	3.1	3.4	3.8	4.3	4.9	5.5	6.1	6.8	7.5	8.2	8.9
80°	3.5	4.0	4.7	5.3	6.0	6.8	7.5	8.3	9.1	9.9	10.7
78.75°	4.1	4.9	5.6	6.4	7.2	8.0	8.9	9.8	10.7	11.6	12.5
77.5°	4.9	5.7	6.6	7.5	8.4	9.3	10.3	11.2	12.3	13.6	14.9
76.25°	5.7	6.6	7.5	8.5	9.5	10.5	11.6	13.0	14.4	15.8	17.2
75°	6.5	7.5	8.5	9.5	10.6	11.9	13.4	14.9	16.5	18.0	19.5
73.75°	7.3	8.3	9.4	10.6	12.0	13.6	15.2	16.9	18.6	20.2	21.9
72.5°	8.1	9.2	10.3	11.8	13.6	15.3	17.1	18.8	20.6	22.4	24.2
71.25°	8.8	10.0	11.5	13.3	15.2	17.0	18.9	20.8	22.7	24.6	26.7
70°	9.6	10.9	12.8	14.8	16.7	18.7	20.7	22.7	24.8	26.9	29.1
68.75°	10.3	12.2	14.2	16.2	18.3	20.4	22.5	24.7	26.9	29.2	31.5
67.5°	11.4	13.4	15.5	17.7	19.9	22.1	24.3	26.7	29.0	31.5	33.9
66.25°	12.4	14.6	16.8	19.1	21.4	23.7	26.1	28.6	31.1	33.7	36.3
65°	13.5	15.7	18.1	20.5	22.9	25.4	27.9	30.5	33.2	35.9	38.8
63.75°	14.5	16.9	19.4	21.9	24.4	27.0	29.7	32.4	35.2	38.2	41.3
62.5°	15.5	18.0	20.6	23.3	25.9	28.7	31.4	34.3	37.3	40.4	43.6
61.25°	16.5	19.1	21.8	24.6	27.4	30.2	33.1	36.2	39.4	42.6	46.0
60°	17.4	20.2	23.0	26.0	28.8	31.8	34.9	38.1	41.4	44.8	48.3
58.75°	18.4	21.2	24.2	27.3	30.3	33.3	36.6	39.9	43.3	46.9	50.7
57.5°	19.3	22.3	25.4	28.5	31.6	34.9	38.2	41.7	45.3	49.1	53.0
56.25°	20.2	23.4	26.5	29.8	33.0	36.4	39.9	43.4	47.3	51.3	55.3
55°	21.2	24.4	27.7	31.0	34.4	37.9	41.4	45.2	49.3	53.4	57.5
53.75°	22.1	25.4	28.7	32.2	35.7	39.3	43.0	47.0	51.2	55.4	59.7
52.5°	23.0	26.4	29.8	33.4	37.0	40.7	44.6	48.8	53.1	57.4	61.8
51.25°	23.8	27.3	30.9	34.5	38.2	42.0	46.2	50.6	55.0	59.4	63.9
50°	24.7	28.2	31.9	35.7	39.5	43.4	47.8	52.3	56.8	61.4	66.0
48.75°	25.5	29.1	32.9	36.8	40.6	44.9	49.4	54.0	58.6	63.4	68.0
47.5°	26.3	30.0	34.0	37.9	41.8	46.3	50.9	55.6	60.4	65.3	70.0
46.25°	27.1	30.9	34.9	38.9	43.1	47.7	52.4	57.2	62.2	67.1	71.8
45°	27.8	31.8	35.9	40.0	44.4	49.1	53.8	58.9	63.9	69.0	73.4
43.75°	28.6	32.7	36.8	41.0	45.6	50.4	55.3	60.5	65.6	70.5	75.0
42.5°	29.3	33.5	37.7	42.1	46.8	51.6	56.7	62.0	67.3	71.9	76.5
41.25°	30.0	34.3	38.6	43.1	47.9	52.8	58.1	63.6	68.8	73.3	77.9
40°	30.8	35.1	39.4	44.1	49.0	54.0	59.5	65.0	70.0	74.5	79.2
38.75°	31.4	35.8	40.3	45.1	50.0	55.2	60.7	66.4	71.1	75.8	80.5
37.5°	32.1	36.6	41.2	46.0	51.0	56.4	62.0	67.5	72.2	76.9	81.7
36.25°	32.8	37.3	42.0	46.9	51.9	57.5	63.1	68.4	73.2	77.9	82.8
35°	33.4	37.9	42.8	47.7	52.9	58.5	64.2	69.2	74.1	78.9	83.8



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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°	34.0	38.6	43.5	48.5	53.8	59.5	65.2	70.0	74.9	79.8	84.7
32.5°	34.5	39.2	44.2	49.3	54.7	60.4	65.9	70.8	75.7	80.6	85.6
31.25°	35.1	39.9	44.9	50.0	55.5	61.2	66.6	71.5	76.5	81.4	86.4
30°	35.6	40.4	45.5	50.6	56.3	62.0	67.2	72.2	77.2	82.1	87.1
28.75°	36.1	41.0	46.1	51.3	57.0	62.8	67.8	72.8	77.8	82.8	87.9
27.5°	36.5	41.5	46.6	52.0	57.7	63.3	68.3	73.4	78.3	83.4	88.6
26.25°	37.0	42.0	47.1	52.5	58.3	63.8	68.8	73.9	78.9	83.9	89.2
25°	37.4	42.4	47.6	53.1	58.8	64.2	69.3	74.3	79.3	84.4	89.7
23.75°	37.8	42.8	48.0	53.6	59.3	64.6	69.7	74.7	79.7	84.8	90.2
22.5°	38.1	43.2	48.4	54.0	59.8	65.0	70.1	75.1	80.1	85.2	90.5
21.25°	38.5	43.5	48.7	54.4	60.2	65.3	70.4	75.4	80.4	85.5	90.8
20°	38.8	43.8	49.1	54.7	60.5	65.5	70.6	75.6	80.6	85.7	91.0
18.75°	39.0	44.1	49.4	55.0	60.7	65.8	70.9	75.8	80.8	85.9	91.1
17.5°	39.3	44.4	49.7	55.3	60.8	65.9	71.0	75.9	80.9	86.0	91.1
16.25°	39.5	44.6	49.9	55.5	61.0	66.1	71.1	76.0	81.0	86.0	91.0
15°	39.7	44.8	50.1	55.7	61.0	66.1	71.2	76.1	81.0	85.9	90.8
13.75°	39.8	44.9	50.2	55.8	61.1	66.2	71.2	76.1	80.9	85.8	90.6
12.5°	40.0	45.0	50.3	55.8	61.1	66.2	71.1	76.0	80.8	85.6	90.3
11.25°	40.1	45.1	50.4	55.9	61.1	66.2	71.0	75.8	80.6	85.4	90.0
10°	40.1	45.2	50.4	55.8	61.0	66.1	70.8	75.4	80.2	85.0	89.6
8.75°	40.2	45.2	50.4	55.7	60.9	66.1	70.6	75.0	79.8	84.6	89.1
7.5°	40.2	45.2	50.4	55.6	60.8	65.9	70.3	74.5	79.3	84.1	88.6
6.25°	40.2	45.1	50.3	55.5	60.6	65.8	69.9	74.0	78.8	83.6	88.1
5°	40.1	45.1	50.2	55.3	60.4	65.5	69.5	73.4	78.2	83.0	87.5
3.75°	40.1	45.0	50.0	55.0	60.2	65.3	69.1	72.8	77.6	82.4	86.9
2.5°	40.0	44.8	49.8	54.8	59.9	65.0	68.6	72.1	76.9	81.8	86.2
1.25°	39.8	44.7	49.6	54.4	59.6	64.7	68.0	71.4	76.2	81.1	85.5
0°	39.7	44.5	49.3	54.1	59.2	64.3	67.5	70.7	75.5	80.3	84.7
-1.25°	39.5	44.2	49.0	53.8	58.8	63.8	67.0	70.3	75.0	79.8	84.0
-2.5°	39.2	43.9	48.7	53.4	58.3	63.2	66.5	69.9	74.5	79.2	83.3
-3.75°	38.9	43.6	48.3	53.1	57.8	62.6	66.0	69.5	74.0	78.5	82.5
-5°	38.6	43.3	48.0	52.6	57.3	61.9	65.5	69.0	73.4	77.8	81.7
-6.25°	38.3	42.9	47.6	52.2	56.8	61.3	64.9	68.5	72.8	77.1	80.9
-7.5°	38.0	42.5	47.1	51.7	56.2	60.5	64.2	67.9	72.1	76.4	80.0
-8.75°	37.6	42.1	46.7	51.2	55.6	59.8	63.6	67.3	71.4	75.6	79.1
-10°	37.2	41.7	46.2	50.7	54.9	59.1	62.9	66.6	70.7	74.7	78.2
-11.25°	36.8	41.2	45.6	50.1	54.3	58.3	62.1	65.9	69.9	73.8	77.1
-12.5°	36.3	40.7	45.1	49.5	53.6	57.5	61.3	65.1	69.0	72.7	76.0
-13.75°	35.9	40.2	44.5	48.9	52.9	56.7	60.4	64.2	67.9	71.6	74.9
-15°	35.4	39.6	43.9	48.2	52.2	55.9	59.6	63.3	66.9	70.4	73.7
-16.25°	34.9	39.1	43.3	47.5	51.5	55.1	58.7	62.3	65.8	69.2	72.5
-17.5°	34.4	38.5	42.6	46.8	50.8	54.3	57.8	61.3	64.7	68.0	71.2
-18.75°	33.8	37.9	42.0	46.1	50.0	53.5	56.9	60.3	63.6	66.8	69.9
-20°	33.2	37.3	41.3	45.3	49.2	52.6	56.0	59.3	62.5	65.6	68.6
-21.25°	32.7	36.7	40.6	44.5	48.4	51.7	55.0	58.2	61.4	64.4	67.2



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**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	32.1	36.0	39.9	43.7	47.5	50.8	54.0	57.2	60.2	63.1	65.9
-23.75°	31.5	35.4	39.2	42.9	46.6	49.9	53.0	56.1	59.1	61.9	64.5
-25°	31.0	34.7	38.4	42.1	45.7	48.9	52.0	55.0	57.9	60.6	63.2
-26.25°	30.5	34.1	37.7	41.2	44.7	48.0	51.0	53.9	56.7	59.3	61.8
-27.5°	29.9	33.4	36.9	40.4	43.8	47.0	49.9	52.8	55.5	58.0	60.4
-28.75°	29.4	32.7	36.1	39.5	42.8	46.0	48.9	51.6	54.3	56.8	59.1
-30°	28.8	31.9	35.3	38.6	41.8	44.9	47.8	50.5	53.1	55.4	57.7
-31.25°	28.2	31.2	34.5	37.7	40.9	43.9	46.6	49.3	51.9	54.1	56.3
-32.5°	27.6	30.4	33.7	36.8	39.9	42.8	45.5	48.1	50.6	52.8	54.9
-33.75°	27.0	29.7	32.9	35.9	38.9	41.7	44.4	46.9	49.3	51.5	53.5
-35°	26.4	29.0	32.0	35.0	37.9	40.6	43.2	45.6	48.0	50.2	52.2
-36.25°	25.8	28.4	31.1	34.1	36.9	39.5	42.0	44.4	46.7	48.9	50.8
-37.5°	25.2	27.7	30.3	33.1	35.9	38.4	40.9	43.1	45.4	47.5	49.4
-38.75°	24.5	26.9	29.4	32.2	34.8	37.3	39.7	41.9	44.0	46.1	48.0
-40°	23.8	26.2	28.6	31.2	33.8	36.2	38.5	40.6	42.7	44.7	46.6
-41.25°	23.2	25.5	27.8	30.2	32.7	35.1	37.3	39.4	41.3	43.3	45.1
-42.5°	22.5	24.7	26.9	29.2	31.7	34.0	36.2	38.1	40.0	41.8	43.6
-43.75°	21.8	24.0	26.1	28.2	30.6	32.9	35.0	36.9	38.7	40.4	42.1
-45°	21.0	23.2	25.3	27.3	29.5	31.7	33.8	35.7	37.4	39.0	40.6
-46.25°	20.2	22.4	24.5	26.4	28.5	30.6	32.6	34.4	36.1	37.6	39.1
-47.5°	19.5	21.6	23.6	25.5	27.4	29.4	31.4	33.2	34.8	36.2	37.6
-48.75°	18.7	20.8	22.7	24.6	26.4	28.3	30.2	31.9	33.5	34.9	36.2
-50°	17.9	20.0	21.9	23.6	25.4	27.2	29.0	30.7	32.2	33.5	34.8
-51.25°	17.2	19.2	21.0	22.7	24.4	26.1	27.8	29.4	30.9	32.2	33.4
-52.5°	16.4	18.3	20.1	21.8	23.4	25.0	26.6	28.2	29.6	30.8	32.0
-53.75°	15.6	17.5	19.2	20.8	22.4	23.9	25.5	27.0	28.3	29.5	30.6
-55°	14.8	16.7	18.3	19.8	21.3	22.9	24.3	25.8	27.1	28.2	29.2
-56.25°	14.1	15.8	17.4	18.9	20.3	21.8	23.2	24.6	25.9	27.0	27.9
-57.5°	13.4	15.0	16.5	18.0	19.3	20.7	22.0	23.4	24.6	25.7	26.7
-58.75°	12.7	14.1	15.7	17.0	18.3	19.6	20.9	22.1	23.4	24.5	25.4
-60°	12.0	13.3	14.8	16.1	17.3	18.5	19.7	20.9	22.1	23.2	24.2
-61.25°	11.4	12.6	13.9	15.2	16.4	17.5	18.5	19.7	20.8	21.8	22.9
-62.5°	10.7	11.9	13.0	14.2	15.4	16.4	17.4	18.4	19.5	20.5	21.4
-63.75°	10.0	11.1	12.2	13.3	14.4	15.4	16.4	17.3	18.2	19.1	20.0
-65°	9.3	10.4	11.4	12.4	13.4	14.4	15.3	16.1	16.9	17.7	18.6
-66.25°	8.6	9.7	10.6	11.6	12.4	13.4	14.2	15.0	15.8	16.4	17.1
-67.5°	7.9	8.9	9.8	10.7	11.6	12.3	13.2	13.9	14.6	15.3	15.8
-68.75°	7.3	8.2	9.0	9.9	10.7	11.4	12.1	12.8	13.5	14.1	14.6
-70°	6.7	7.4	8.2	9.0	9.8	10.5	11.1	11.7	12.3	12.9	13.4
-71.25°	6.2	6.8	7.4	8.2	8.9	9.6	10.2	10.7	11.2	11.8	12.2
-72.5°	5.6	6.2	6.7	7.4	8.0	8.7	9.2	9.8	10.2	10.7	11.1
-73.75°	5.1	5.6	6.1	6.6	7.2	7.7	8.3	8.8	9.2	9.6	10.0
-75°	4.5	5.0	5.5	5.9	6.4	6.8	7.3	7.8	8.2	8.6	8.9
-76.25°	4.0	4.4	4.9	5.3	5.7	6.1	6.4	6.9	7.3	7.6	7.9
-77.5°	3.4	3.8	4.2	4.6	5.0	5.3	5.7	6.0	6.3	6.6	6.9



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	2.9	3.2	3.6	4.0	4.3	4.6	4.9	5.2	5.5	5.7	5.9
-80°	2.4	2.6	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.9	5.0
-81.25°	2.1	2.3	2.4	2.6	2.9	3.1	3.4	3.6	3.8	4.0	4.2
-82.5°	1.8	1.9	2.1	2.2	2.3	2.4	2.6	2.8	3.0	3.2	3.3
-83.75°	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.4
-85°	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.8
-86.25°	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
-88.75°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.0	1.1	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
87.5°	2.1	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2	3.3
86.25°	3.1	3.3	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0
85°	4.1	4.3	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8
83.75°	5.7	6.2	6.7	7.2	7.7	8.3	8.8	9.3	9.8	10.3	10.8
82.5°	7.7	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.6	13.2	13.8
81.25°	9.6	10.3	11.0	11.7	12.4	13.2	13.9	14.8	15.6	16.5	17.3
80°	11.5	12.3	13.1	14.1	15.2	16.2	17.2	18.2	19.1	20.0	20.9
78.75°	13.6	14.8	15.9	17.1	18.2	19.4	20.6	21.7	22.7	23.6	24.5
77.5°	16.1	17.4	18.7	20.0	21.3	22.6	23.9	25.1	26.2	27.4	28.7
76.25°	18.6	20.0	21.4	22.9	24.3	25.8	27.4	28.9	30.3	31.7	33.1
75°	21.1	22.6	24.2	25.8	27.6	29.3	31.1	32.8	34.3	35.9	37.4
73.75°	23.5	25.3	27.1	29.0	30.9	32.8	34.7	36.7	38.4	40.1	41.9
72.5°	26.1	28.1	30.1	32.1	34.2	36.2	38.3	40.6	42.6	44.6	46.5
71.25°	28.8	30.9	33.0	35.2	37.4	39.8	42.3	44.8	47.0	49.1	51.1
70°	31.3	33.6	35.9	38.3	40.9	43.5	46.2	48.9	51.3	53.5	55.6
68.75°	33.9	36.3	38.9	41.6	44.4	47.2	50.1	53.0	55.5	57.6	59.7
67.5°	36.5	39.2	42.0	44.9	47.8	50.8	53.8	56.7	59.3	61.6	63.8
66.25°	39.2	42.1	45.0	48.1	51.2	54.2	57.2	60.2	63.2	65.5	67.8
65°	41.8	44.9	48.0	51.2	54.4	57.5	60.7	63.8	66.9	69.6	72.3
63.75°	44.4	47.6	50.9	54.2	57.5	60.8	64.0	67.3	70.7	73.7	76.6
62.5°	46.9	50.3	53.8	57.2	60.6	64.0	67.4	70.9	74.4	77.7	80.9
61.25°	49.5	53.0	56.6	60.1	63.7	67.2	70.8	74.4	78.0	81.7	85.1
60°	52.0	55.7	59.4	63.0	66.7	70.4	74.1	77.9	81.7	85.7	89.3
58.75°	54.5	58.3	62.1	65.8	69.6	73.5	77.3	81.3	85.4	89.6	93.4
57.5°	56.9	60.9	64.7	68.6	72.5	76.5	80.6	84.8	89.0	93.4	97.4
56.25°	59.3	63.3	67.3	71.3	75.4	79.5	83.8	88.1	92.5	96.8	100.9
55°	61.6	65.7	69.8	73.9	78.1	82.4	86.9	91.4	95.8	100.0	104.2
53.75°	63.9	68.1	72.2	76.5	80.8	85.3	89.9	94.4	98.8	103.2	107.4
52.5°	66.2	70.4	74.7	79.0	83.5	88.1	92.7	97.3	101.8	106.3	110.7
51.25°	68.4	72.7	77.0	81.4	86.0	90.8	95.5	100.2	104.8	109.2	113.8
50°	70.5	74.9	79.2	83.7	88.5	93.4	98.3	103.1	107.5	112.0	116.8
48.75°	72.6	76.9	81.4	86.0	91.0	96.1	101.0	105.6	110.0	114.7	119.5
47.5°	74.5	78.9	83.5	88.4	93.5	98.7	103.4	107.8	112.4	117.2	121.2
46.25°	76.2	80.8	85.6	90.7	95.9	101.1	105.4	109.9	114.6	118.9	123.0
45°	78.0	82.6	87.6	92.8	98.2	102.8	107.2	111.8	116.3	120.5	124.7
43.75°	79.6	84.4	89.5	94.8	99.9	104.4	108.9	113.5	117.8	122.1	126.3
42.5°	81.2	86.2	91.3	96.7	101.4	106.0	110.5	114.9	119.3	123.6	127.6
41.25°	82.7	87.8	93.0	98.1	102.9	107.5	111.8	116.3	120.7	124.9	129.0
40°	84.2	89.3	94.6	99.5	104.3	108.9	113.2	117.6	122.0	126.2	130.3
38.75°	85.5	90.7	95.9	100.8	105.7	110.1	114.6	119.0	123.2	127.4	131.6
37.5°	86.7	92.0	97.1	102.1	106.9	111.3	115.8	120.1	124.3	128.6	133.0
36.25°	87.9	93.1	98.3	103.4	108.0	112.5	117.0	121.3	125.5	129.8	134.3
35°	88.9	94.2	99.5	104.5	109.0	113.5	118.0	122.3	126.6	131.0	135.5



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	89.9	95.3	100.6	105.4	110.0	114.5	118.9	123.3	127.8	132.3	136.7
32.5°	90.8	96.3	101.7	106.3	110.9	115.4	119.8	124.3	128.9	133.5	137.5
31.25°	91.8	97.3	102.5	107.1	111.7	116.2	120.7	125.3	130.1	134.7	137.9
30°	92.6	98.2	103.2	107.8	112.4	117.0	121.5	126.3	131.2	135.2	138.1
28.75°	93.4	99.1	103.8	108.4	113.1	117.7	122.3	127.3	132.2	135.4	138.2
27.5°	94.1	99.5	104.3	109.0	113.7	118.3	123.2	128.3	132.8	135.3	138.1
26.25°	94.7	99.9	104.7	109.6	114.2	118.9	124.1	129.2	132.7	135.1	138.0
25°	95.2	100.2	105.0	109.8	114.7	119.6	124.9	130.1	132.5	134.8	137.9
23.75°	95.6	100.4	105.2	110.0	114.9	120.3	125.6	130.1	132.1	134.3	137.9
22.5°	95.8	100.5	105.3	110.1	115.0	120.5	126.4	129.7	131.6	134.2	137.9
21.25°	95.9	100.6	105.4	110.1	115.0	120.6	126.4	129.1	131.0	134.1	137.9
20°	95.9	100.6	105.3	110.0	115.0	120.6	125.9	128.1	130.1	134.0	137.9
18.75°	95.9	100.5	105.2	109.9	114.9	120.4	124.9	127.0	129.5	133.7	137.9
17.5°	95.8	100.4	105.0	109.6	114.7	120.1	123.8	126.0	129.0	133.3	137.2
16.25°	95.6	100.2	104.7	109.3	114.4	119.7	122.7	124.9	128.5	132.7	136.3
15°	95.4	100.0	104.4	109.0	114.0	119.2	121.6	123.9	127.9	132.1	135.4
13.75°	95.1	99.6	104.0	108.5	113.5	118.2	120.6	122.9	127.2	131.5	134.3
12.5°	94.8	99.2	103.5	108.0	112.9	117.1	119.5	122.2	126.5	130.6	133.1
11.25°	94.4	98.7	103.0	107.4	112.2	116.0	118.4	121.4	125.7	129.4	131.9
10°	93.9	98.2	102.3	106.7	111.3	114.8	117.2	120.6	124.9	128.3	130.5
8.75°	93.5	97.6	101.7	106.0	110.4	113.6	116.1	119.7	124.0	127.0	129.1
7.5°	93.0	97.0	101.0	105.1	109.4	112.5	115.0	118.8	123.1	125.7	127.6
6.25°	92.5	96.4	100.3	104.2	108.2	111.3	114.0	117.7	121.9	124.3	126.0
5°	91.9	95.8	99.6	103.2	107.0	110.1	113.1	116.6	120.3	122.7	124.7
3.75°	91.3	95.0	98.8	102.2	105.6	108.9	112.1	115.3	118.5	121.1	123.4
2.5°	90.6	94.3	97.9	101.1	104.2	107.7	111.2	113.9	116.7	119.5	122.2
1.25°	89.9	93.5	97.0	99.9	102.7	106.5	110.2	112.5	114.8	117.9	120.9
0°	89.1	92.6	96.1	98.7	101.2	105.2	109.2	111.0	112.8	116.2	119.6
-1.25°	88.3	91.6	95.0	97.7	100.3	104.1	107.8	109.8	111.7	114.9	118.2
-2.5°	87.4	90.6	93.9	96.6	99.4	102.9	106.4	108.5	110.5	113.6	116.8
-3.75°	86.4	89.6	92.7	95.5	98.4	101.7	105.0	107.2	109.3	112.3	115.3
-5°	85.5	88.5	91.5	94.4	97.4	100.4	103.5	105.8	108.0	110.9	113.8
-6.25°	84.5	87.5	90.3	93.2	96.3	99.2	102.0	104.4	106.7	109.4	112.2
-7.5°	83.4	86.3	89.0	92.0	95.1	97.9	100.5	102.9	105.1	107.7	110.3
-8.75°	82.4	85.2	87.8	90.7	93.8	96.5	99.0	101.3	103.5	105.9	108.4
-10°	81.3	84.0	86.6	89.4	92.3	95.0	97.4	99.7	101.8	104.0	106.4
-11.25°	80.1	82.9	85.3	88.0	90.8	93.5	95.8	98.1	100.1	102.2	104.4
-12.5°	78.9	81.6	84.1	86.6	89.3	91.9	94.2	96.4	98.3	100.3	102.4
-13.75°	77.7	80.4	82.8	85.2	87.8	90.3	92.5	94.7	96.6	98.4	100.4
-15°	76.4	79.1	81.4	83.8	86.3	88.7	90.9	93.0	94.8	96.5	98.3
-16.25°	75.2	77.8	80.1	82.4	84.7	87.0	89.2	91.2	93.0	94.6	96.3
-17.5°	73.9	76.4	78.7	80.9	83.2	85.4	87.4	89.4	91.2	92.7	94.2
-18.75°	72.5	75.0	77.3	79.4	81.6	83.7	85.6	87.5	89.3	90.8	92.2
-20°	71.2	73.6	75.8	77.9	80.0	82.0	83.9	85.7	87.5	88.9	90.4
-21.25°	69.8	72.1	74.3	76.4	78.4	80.3	82.1	83.8	85.6	87.2	88.5





REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	68.4	70.7	72.8	74.8	76.8	78.6	80.3	82.1	83.8	85.4	86.7
-23.75°	67.0	69.2	71.3	73.2	75.1	76.9	78.6	80.4	82.0	83.6	84.9
-25°	65.6	67.7	69.7	71.6	73.5	75.3	77.0	78.6	80.2	81.8	83.0
-26.25°	64.1	66.2	68.1	69.9	71.8	73.6	75.2	76.9	78.5	79.9	81.2
-27.5°	62.6	64.7	66.5	68.4	70.1	71.9	73.5	75.1	76.7	78.0	79.2
-28.75°	61.2	63.1	65.0	66.8	68.5	70.1	71.7	73.2	74.8	76.1	77.3
-30°	59.7	61.6	63.4	65.2	66.8	68.4	69.8	71.3	72.8	74.3	75.4
-31.25°	58.3	60.1	61.9	63.5	65.1	66.6	68.0	69.4	70.9	72.3	73.4
-32.5°	56.9	58.6	60.4	61.9	63.4	64.8	66.2	67.4	68.8	70.2	71.5
-33.75°	55.4	57.2	58.8	60.3	61.7	63.0	64.3	65.5	66.7	68.1	69.5
-35°	54.0	55.7	57.2	58.7	60.0	61.3	62.5	63.6	64.6	65.9	67.1
-36.25°	52.5	54.2	55.7	57.1	58.3	59.5	60.6	61.7	62.6	63.6	64.6
-37.5°	51.1	52.7	54.1	55.4	56.7	57.8	58.8	59.7	60.6	61.2	62.0
-38.75°	49.6	51.1	52.5	53.8	55.0	56.0	57.0	57.8	58.5	59.0	59.4
-40°	48.2	49.6	50.9	52.1	53.3	54.3	55.2	55.9	56.3	56.7	57.0
-41.25°	46.7	48.1	49.3	50.5	51.6	52.5	53.4	53.9	54.3	54.6	54.8
-42.5°	45.2	46.6	47.8	48.9	49.9	50.8	51.5	51.9	52.2	52.4	52.6
-43.75°	43.7	45.1	46.2	47.2	48.2	49.0	49.6	50.0	50.2	50.3	50.4
-45°	42.1	43.5	44.6	45.6	46.5	47.2	47.7	48.0	48.2	48.3	48.3
-46.25°	40.5	41.9	43.1	44.0	44.8	45.4	45.8	46.1	46.2	46.3	46.2
-47.5°	39.0	40.3	41.5	42.4	43.1	43.6	43.9	44.2	44.3	44.3	44.2
-48.75°	37.4	38.7	39.8	40.8	41.4	41.8	42.1	42.3	42.4	42.3	42.2
-50°	35.9	37.0	38.1	39.1	39.7	40.1	40.3	40.5	40.5	40.4	40.2
-51.25°	34.4	35.4	36.5	37.3	38.0	38.4	38.6	38.7	38.6	38.5	38.3
-52.5°	33.0	33.9	34.8	35.6	36.2	36.6	36.8	36.9	36.9	36.7	36.5
-53.75°	31.6	32.4	33.2	33.8	34.4	34.8	35.1	35.2	35.1	34.9	34.6
-55°	30.1	31.0	31.7	32.2	32.7	33.1	33.3	33.4	33.4	33.2	32.9
-56.25°	28.7	29.5	30.1	30.6	31.0	31.3	31.6	31.7	31.6	31.5	31.1
-57.5°	27.4	28.1	28.6	29.1	29.4	29.7	29.9	30.0	29.9	29.7	29.5
-58.75°	26.2	26.8	27.1	27.6	27.9	28.1	28.2	28.3	28.2	28.1	27.9
-60°	24.9	25.5	25.8	26.1	26.4	26.6	26.7	26.7	26.6	26.4	26.3
-61.25°	23.7	24.2	24.4	24.7	24.9	25.0	25.1	25.1	25.0	24.8	24.7
-62.5°	22.4	22.9	23.1	23.3	23.5	23.6	23.6	23.6	23.5	23.3	23.2
-63.75°	20.9	21.5	21.8	22.0	22.1	22.1	22.2	22.1	22.0	21.9	21.7
-65°	19.4	19.9	20.3	20.6	20.7	20.7	20.7	20.7	20.6	20.5	20.3
-66.25°	17.9	18.4	18.8	19.1	19.3	19.3	19.3	19.2	19.1	19.0	18.9
-67.5°	16.4	16.9	17.3	17.6	17.8	17.9	17.9	17.8	17.7	17.6	17.5
-68.75°	15.0	15.4	15.8	16.1	16.3	16.4	16.5	16.4	16.3	16.3	16.1
-70°	13.8	14.1	14.4	14.6	14.9	15.0	15.0	15.0	15.0	14.9	14.8
-71.25°	12.6	12.9	13.1	13.3	13.4	13.6	13.6	13.6	13.6	13.6	13.5
-72.5°	11.4	11.7	11.9	12.0	12.2	12.2	12.2	12.2	12.3	12.3	12.2
-73.75°	10.2	10.4	10.7	10.8	10.9	11.0	11.0	11.0	11.0	11.0	10.9
-75°	9.2	9.3	9.4	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.7
-76.25°	8.1	8.3	8.4	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.5
-77.5°	7.1	7.2	7.4	7.4	7.5	7.5	7.5	7.4	7.4	7.4	7.4



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	6.1	6.2	6.3	6.4	6.5	6.5	6.5	6.5	6.4	6.4	6.3
-80°	5.1	5.2	5.3	5.4	5.4	5.5	5.5	5.5	5.5	5.4	5.4
-81.25°	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-82.5°	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
-83.75°	2.5	2.6	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
-85°	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-86.25°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
-87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-88.75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	1.7	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.3
87.5°	3.5	3.6	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6
86.25°	5.2	5.5	5.8	6.1	6.3	6.5	6.8	7.0	7.2	7.4	7.6
85°	8.2	8.7	9.1	9.5	9.8	10.0	10.3	10.5	10.8	11.0	11.2
83.75°	11.3	11.8	12.3	12.8	13.2	13.5	13.8	14.1	14.4	14.6	14.9
82.5°	14.4	15.0	15.7	16.4	16.9	17.3	17.8	18.2	18.6	19.1	19.5
81.25°	18.0	18.8	19.5	20.2	20.8	21.4	21.9	22.4	23.0	23.5	24.0
80°	21.7	22.5	23.3	24.0	24.7	25.4	26.0	26.9	27.7	28.5	29.3
78.75°	25.4	26.4	27.4	28.5	29.5	30.6	31.5	32.5	33.4	34.4	35.3
77.5°	29.9	31.1	32.4	33.6	34.8	35.9	37.0	38.1	39.1	40.2	41.2
76.25°	34.5	35.9	37.3	38.7	40.0	41.3	42.5	43.6	44.8	45.9	46.9
75°	39.0	40.6	42.2	43.8	45.3	46.6	47.9	49.1	50.3	51.5	52.6
73.75°	43.7	45.5	47.2	48.8	50.5	51.9	53.3	54.6	55.9	57.2	58.4
72.5°	48.4	50.3	52.1	53.9	55.6	57.0	58.5	59.9	61.3	62.7	64.2
71.25°	53.1	55.1	56.9	58.6	60.3	61.9	63.5	65.1	66.7	68.3	69.9
70°	57.5	59.4	61.3	63.1	64.9	66.7	68.5	70.4	72.3	74.1	75.7
68.75°	61.7	63.7	65.7	67.7	69.8	72.2	74.3	76.4	78.2	79.9	81.5
67.5°	65.9	68.0	70.5	73.0	75.6	78.2	80.3	82.3	84.2	85.8	87.2
66.25°	70.4	73.0	75.7	78.5	81.3	84.2	86.3	87.9	89.5	91.1	92.7
65°	75.0	77.9	80.8	83.9	86.7	89.3	91.3	93.0	94.8	96.5	98.1
63.75°	79.6	82.7	85.7	88.5	91.3	94.0	96.2	98.1	99.9	101.7	103.6
62.5°	84.0	87.2	90.2	93.1	95.9	98.7	100.9	102.7	104.6	106.7	108.9
61.25°	88.3	91.5	94.6	97.6	100.2	102.6	104.9	107.0	109.2	111.6	113.9
60°	92.6	95.9	98.9	101.5	104.1	106.5	108.8	111.2	113.8	116.3	118.7
58.75°	96.9	99.8	102.6	105.3	107.9	110.4	113.2	115.9	118.6	121.1	123.4
57.5°	100.5	103.5	106.4	109.2	112.0	114.9	117.8	120.6	123.3	125.5	127.3
56.25°	104.2	107.2	110.2	113.3	116.4	119.5	122.5	125.1	127.1	129.1	130.9
55°	107.8	111.0	114.3	117.6	120.8	123.9	126.2	128.5	130.6	132.6	134.5
53.75°	111.6	115.0	118.5	121.8	124.6	127.0	129.4	131.8	134.1	136.3	138.3
52.5°	115.3	119.0	122.5	125.1	127.6	130.0	132.5	135.1	137.7	140.0	142.0
51.25°	118.6	122.9	125.3	127.9	130.4	133.0	135.6	138.3	141.1	143.7	145.6
50°	121.6	125.3	127.9	130.6	133.2	135.8	138.6	141.4	144.3	147.0	149.0
48.75°	123.4	127.3	130.5	133.1	135.8	138.5	141.4	144.3	147.1	149.8	152.2
47.5°	125.3	129.2	132.8	135.4	138.2	141.1	144.0	146.9	149.8	152.6	154.5
46.25°	127.0	130.9	134.6	137.6	140.5	143.6	146.6	149.5	152.3	154.3	156.1
45°	128.7	132.5	136.2	139.7	142.9	146.0	149.1	151.7	153.8	155.8	157.7
43.75°	130.2	134.0	137.8	141.8	145.2	148.4	151.1	153.3	155.4	157.4	159.3
42.5°	131.6	135.5	139.5	143.6	147.5	150.3	152.6	154.9	157.0	158.8	160.9
41.25°	133.0	137.1	141.2	145.3	149.0	151.8	154.2	156.3	158.0	160.0	162.2
40°	134.5	138.7	142.9	146.7	150.1	153.4	155.6	157.1	158.9	160.9	163.2
38.75°	135.9	140.2	144.3	147.7	151.1	154.3	156.1	157.7	159.5	161.9	164.2
37.5°	137.3	141.7	145.1	148.5	152.0	154.2	156.3	158.0	160.4	162.8	165.2
36.25°	138.7	142.5	145.9	149.3	152.0	154.2	156.3	158.8	161.3	163.7	166.0
35°	139.8	143.1	146.5	149.6	151.9	154.2	156.9	159.7	162.1	164.6	166.9



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	140.3	143.7	147.0	149.6	152.0	154.7	157.9	160.7	163.1	165.7	167.9
32.5°	140.7	144.2	147.1	149.6	152.1	155.8	159.1	161.8	164.1	166.9	168.8
31.25°	141.1	144.4	147.1	149.7	153.4	157.2	160.5	162.4	164.8	167.4	169.2
30°	141.3	144.4	147.2	150.4	154.8	158.7	160.9	162.8	165.1	167.3	169.3
28.75°	141.3	144.4	147.3	151.8	156.3	159.6	161.0	162.9	165.0	167.2	169.2
27.5°	141.3	144.4	148.0	153.2	158.0	159.5	160.8	162.7	165.0	167.1	168.8
26.25°	141.3	144.5	148.9	154.0	158.1	159.1	160.4	162.6	164.9	166.7	168.2
25°	141.4	144.9	149.5	154.5	156.9	158.4	160.1	162.5	164.8	166.1	167.5
23.75°	141.4	145.3	149.8	153.8	155.8	157.4	159.9	162.4	164.1	165.3	166.8
22.5°	141.5	145.5	149.9	152.8	154.8	156.9	159.4	162.0	163.3	164.5	166.3
21.25°	141.5	145.4	149.4	151.9	154.0	156.3	158.8	160.9	162.4	163.7	166.0
20°	141.4	145.1	148.5	151.1	153.3	155.7	158.1	160.0	161.6	163.5	165.8
18.75°	141.0	144.5	147.6	150.3	152.6	154.9	157.2	159.3	161.0	163.2	165.4
17.5°	140.4	143.7	146.9	149.7	151.8	154.0	156.4	158.6	160.6	162.7	164.6
16.25°	139.4	142.8	146.2	149.0	150.9	153.1	155.8	158.2	160.2	162.2	163.5
15°	138.4	141.7	145.1	147.9	150.0	152.3	155.2	157.7	159.6	161.5	162.5
13.75°	137.1	140.5	143.9	146.6	148.8	151.6	154.8	157.1	158.9	160.5	161.6
12.5°	135.9	139.3	142.7	145.3	147.7	150.6	153.7	156.1	158.1	159.6	160.8
11.25°	134.6	138.1	141.4	144.1	146.7	149.4	152.3	154.4	156.5	158.3	160.0
10°	133.3	136.8	140.0	142.9	145.6	148.1	150.6	152.7	154.7	156.4	158.1
8.75°	132.0	135.4	138.7	141.8	144.4	146.7	148.9	151.0	152.9	154.5	156.2
7.5°	130.6	134.0	137.4	140.6	143.1	145.1	147.1	149.2	151.0	152.6	154.4
6.25°	129.1	132.5	136.0	139.5	141.6	143.4	145.3	147.3	149.1	150.6	152.5
5°	127.7	130.9	134.6	138.3	140.1	141.6	143.5	145.5	147.1	148.6	150.7
3.75°	126.2	129.1	132.7	136.3	138.2	139.8	141.7	143.6	145.1	146.6	148.9
2.5°	124.6	127.1	130.7	134.3	136.2	137.9	139.9	141.8	143.1	144.4	146.6
1.25°	123.0	125.1	128.6	132.2	134.2	136.1	138.0	139.9	141.0	142.2	144.2
0°	121.3	123.0	126.5	130.0	132.1	134.2	136.1	138.0	139.0	139.9	141.7
-1.25°	120.0	121.8	125.1	128.3	130.7	133.2	134.8	136.3	137.7	139.2	140.7
-2.5°	118.7	120.6	123.6	126.5	129.3	132.2	133.5	134.6	136.4	138.4	139.7
-3.75°	117.4	119.4	122.0	124.6	127.8	131.1	132.2	132.9	135.0	137.5	138.7
-5°	116.0	118.1	120.4	122.8	126.0	129.4	130.5	131.2	133.2	135.5	136.8
-6.25°	114.4	116.5	118.7	121.0	124.0	127.1	128.5	129.3	131.1	133.4	134.8
-7.5°	112.5	114.7	116.9	119.1	121.8	124.7	126.4	127.4	129.0	131.1	132.8
-8.75°	110.6	112.8	115.0	117.3	119.7	122.3	124.3	125.4	126.9	128.9	130.7
-10°	108.7	110.9	113.1	115.3	117.6	120.0	122.0	123.2	124.7	126.6	128.4
-11.25°	106.6	108.9	111.2	113.3	115.4	117.6	119.6	121.0	122.5	124.3	126.0
-12.5°	104.5	106.8	109.1	111.2	113.3	115.3	117.0	118.6	120.2	122.2	124.1
-13.75°	102.4	104.6	107.0	109.1	111.2	113.0	114.6	116.4	118.3	120.2	122.1
-15°	100.2	102.3	104.7	106.9	108.9	110.8	112.5	114.4	116.2	118.1	120.0
-16.25°	98.0	100.0	102.3	104.7	106.6	108.6	110.3	112.3	114.1	116.0	117.9
-17.5°	95.9	97.6	100.1	102.4	104.3	106.2	108.0	110.0	111.9	113.7	115.6
-18.75°	93.9	95.6	97.7	100.0	101.9	103.7	105.6	107.5	109.7	111.4	113.2
-20°	91.9	93.6	95.4	97.5	99.5	101.2	103.0	105.0	107.1	109.0	110.8
-21.25°	89.9	91.5	93.1	95.1	97.0	98.7	100.3	102.2	104.4	106.6	108.3



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**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	87.9	89.4	90.9	92.6	94.4	96.1	97.7	99.3	101.5	103.9	105.8
-23.75°	86.0	87.3	88.7	90.2	91.9	93.4	94.9	96.7	98.7	101.0	103.2
-25°	84.1	85.2	86.5	87.8	89.3	90.8	92.5	94.2	95.9	98.1	100.2
-26.25°	82.1	83.1	84.3	85.5	86.8	88.4	90.1	91.8	93.4	95.1	97.2
-27.5°	80.2	81.1	82.0	83.2	84.5	86.1	87.8	89.4	90.9	92.3	94.1
-28.75°	78.3	79.1	79.8	81.0	82.3	83.7	85.3	86.9	88.4	89.7	91.0
-30°	76.3	77.1	77.8	78.7	80.0	81.4	82.8	84.4	85.9	87.2	88.3
-31.25°	74.3	75.1	75.8	76.6	77.7	78.9	80.3	81.7	83.2	84.6	85.8
-32.5°	72.3	73.1	73.7	74.4	75.2	76.5	77.7	79.0	80.4	81.9	83.3
-33.75°	70.2	70.9	71.6	72.3	73.0	73.9	75.1	76.3	77.6	79.1	80.6
-35°	68.1	68.7	69.4	70.0	70.7	71.4	72.4	73.5	74.8	76.2	77.6
-36.25°	65.6	66.4	67.0	67.7	68.3	68.9	69.7	70.7	71.9	73.3	74.7
-37.5°	63.0	64.1	64.7	65.2	65.9	66.4	67.1	67.8	68.9	70.2	71.6
-38.75°	60.3	61.3	62.3	62.7	63.3	63.9	64.4	64.9	65.7	66.9	68.2
-40°	57.5	58.4	59.4	60.2	60.7	61.2	61.5	61.9	62.6	63.4	64.6
-41.25°	54.9	55.5	56.4	57.3	58.0	58.3	58.6	58.8	59.3	60.0	60.9
-42.5°	52.7	52.6	53.3	54.1	55.0	55.5	55.7	55.8	55.8	56.4	57.1
-43.75°	50.4	50.3	50.1	50.8	51.8	52.5	52.8	52.9	52.8	52.7	53.2
-45°	48.2	48.0	47.8	47.6	48.7	49.4	49.9	50.0	49.9	49.7	49.4
-46.25°	46.0	45.8	45.5	45.6	45.7	46.4	46.9	47.0	47.0	46.7	46.4
-47.5°	44.0	43.7	43.4	43.5	43.6	43.6	44.0	44.2	44.1	43.8	43.5
-48.75°	41.9	41.6	41.4	41.4	41.4	41.4	41.4	41.5	41.4	41.2	40.8
-50°	39.9	39.6	39.5	39.4	39.3	39.3	39.2	39.0	38.9	38.7	38.4
-51.25°	38.0	37.7	37.6	37.4	37.2	37.1	36.9	36.8	36.6	36.3	35.9
-52.5°	36.1	35.9	35.6	35.4	35.2	35.0	34.7	34.5	34.3	33.8	33.3
-53.75°	34.3	34.1	33.8	33.5	33.1	32.9	32.6	32.3	31.9	31.2	30.6
-55°	32.6	32.3	32.0	31.7	31.2	30.7	30.4	30.0	29.5	28.7	27.8
-56.25°	30.9	30.6	30.3	29.9	29.4	28.9	28.3	27.8	27.2	26.5	25.6
-57.5°	29.3	29.0	28.6	28.1	27.6	27.1	26.5	25.9	25.1	24.3	23.4
-58.75°	27.6	27.3	26.9	26.5	26.0	25.4	24.8	24.1	23.3	22.5	21.5
-60°	26.0	25.7	25.3	24.9	24.4	23.8	23.1	22.4	21.6	20.8	19.9
-61.25°	24.5	24.1	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.2	18.3
-62.5°	22.9	22.6	22.2	21.8	21.3	20.7	20.0	19.4	18.7	17.9	17.0
-63.75°	21.4	21.1	20.7	20.3	19.8	19.2	18.6	18.1	17.4	16.7	15.8
-65°	20.0	19.7	19.3	18.9	18.4	17.8	17.3	16.8	16.1	15.5	14.7
-66.25°	18.7	18.3	18.0	17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.6
-67.5°	17.3	17.0	16.7	16.2	15.8	15.3	14.8	14.3	13.8	13.2	12.5
-68.75°	16.0	15.7	15.4	15.0	14.5	14.1	13.7	13.2	12.7	12.1	11.5
-70°	14.6	14.4	14.1	13.8	13.4	13.0	12.6	12.1	11.6	11.1	10.6
-71.25°	13.4	13.2	12.9	12.6	12.2	11.9	11.5	11.1	10.6	10.1	9.6
-72.5°	12.1	11.9	11.7	11.4	11.1	10.8	10.4	10.1	9.6	9.2	8.7
-73.75°	10.8	10.7	10.5	10.3	10.0	9.7	9.4	9.1	8.7	8.3	7.8
-75°	9.6	9.5	9.3	9.1	8.9	8.7	8.4	8.1	7.7	7.4	7.0
-76.25°	8.5	8.3	8.2	8.0	7.8	7.6	7.4	7.1	6.8	6.4	6.1
-77.5°	7.3	7.2	7.1	6.9	6.8	6.6	6.4	6.1	5.9	5.6	5.2



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	6.2	6.1	6.0	5.9	5.7	5.6	5.4	5.2	5.0	4.7	4.5
-80°	5.3	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.7
-81.25°	4.4	4.4	4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.3	3.1
-82.5°	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.7	2.5
-83.75°	2.8	2.8	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9
-85°	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4
-86.25°	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9
-87.5°	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5
-88.75°	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6
87.5°	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.2	5.3
86.25°	7.8	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.7	8.8	9.0
85°	11.4	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.6	12.8	12.9
83.75°	15.2	15.5	15.8	16.1	16.4	16.6	16.9	17.1	17.4	17.6	17.8
82.5°	19.9	20.3	20.7	21.0	21.4	21.8	22.1	22.4	22.7	23.0	23.1
81.25°	24.5	25.0	25.5	26.0	26.5	27.0	27.5	27.9	28.3	28.5	28.7
80°	30.1	30.8	31.4	31.9	32.5	32.9	33.3	33.7	34.0	34.3	34.6
78.75°	36.1	36.9	37.4	38.0	38.4	38.9	39.2	39.6	40.0	40.3	40.7
77.5°	42.1	42.9	43.5	44.1	44.6	45.1	45.6	46.1	46.6	47.0	47.4
76.25°	47.9	48.8	49.5	50.2	50.8	51.5	52.1	52.6	53.2	53.6	54.0
75°	53.7	54.7	55.5	56.3	57.0	57.7	58.2	58.7	59.1	59.6	60.0
73.75°	59.7	60.9	61.7	62.5	63.1	63.7	64.3	64.7	65.1	65.5	66.1
72.5°	65.6	67.1	67.9	68.6	69.3	70.0	70.6	71.2	71.9	72.5	73.1
71.25°	71.5	72.9	73.9	74.7	75.6	76.4	77.2	78.1	78.9	79.7	80.2
70°	77.2	78.6	79.7	80.7	81.8	82.8	83.8	84.6	85.4	86.2	86.6
68.75°	82.9	84.2	85.5	86.6	87.7	88.8	89.8	90.7	91.5	92.3	92.8
67.5°	88.6	90.0	91.3	92.5	93.6	94.7	95.8	96.7	97.6	98.3	98.9
66.25°	94.2	95.6	97.1	98.4	99.7	100.9	102.0	102.9	103.7	104.3	104.9
65°	99.8	101.6	103.5	104.9	106.2	107.3	108.3	109.1	109.8	110.4	111.0
63.75°	105.6	107.7	109.9	111.5	112.6	113.4	114.2	115.0	115.7	116.5	117.3
62.5°	111.2	113.5	115.5	116.9	117.8	118.8	119.7	120.7	121.7	122.6	123.2
61.25°	116.1	118.2	120.2	121.8	123.0	124.1	124.9	125.7	126.4	127.0	127.7
60°	120.9	123.0	124.9	126.4	127.3	128.2	129.0	129.8	130.6	131.4	132.2
58.75°	125.5	127.1	128.6	130.1	131.2	132.1	133.1	134.0	134.8	135.6	136.3
57.5°	129.1	130.7	132.3	133.7	135.0	136.1	137.1	138.0	138.9	139.7	140.4
56.25°	132.7	134.3	136.0	137.5	138.9	140.0	141.0	142.0	143.0	143.9	144.6
55°	136.4	138.1	139.8	141.3	142.7	144.0	145.3	146.4	147.4	148.2	148.9
53.75°	140.1	141.9	143.6	145.3	147.0	148.6	149.8	150.9	151.8	152.3	152.6
52.5°	143.9	145.7	147.6	149.5	151.4	153.2	154.1	154.6	155.1	155.5	155.8
51.25°	147.5	149.5	151.5	153.5	155.1	156.6	157.2	157.8	158.2	158.7	158.8
50°	151.0	153.1	154.8	156.2	157.7	159.3	160.4	160.7	160.7	160.9	161.2
48.75°	154.1	155.5	157.0	158.6	160.2	161.5	162.3	162.4	162.7	163.0	163.5
47.5°	156.0	157.5	159.1	160.6	161.9	162.9	163.7	164.1	164.7	165.4	166.0
46.25°	157.7	159.4	160.9	162.3	163.4	164.4	165.4	166.4	167.2	167.9	168.6
45°	159.6	161.3	162.8	164.1	165.2	166.4	167.7	169.0	169.8	170.2	170.5
43.75°	161.5	163.4	164.8	166.0	167.3	168.6	169.9	170.8	171.2	171.6	172.1
42.5°	163.2	165.4	166.6	167.8	169.2	170.2	170.9	171.6	172.3	172.8	173.4
41.25°	164.5	166.7	168.2	169.6	170.3	170.9	171.7	172.4	173.1	173.7	174.3
40°	165.5	167.7	169.5	170.2	170.9	171.6	172.5	173.3	174.0	174.5	175.2
38.75°	166.5	168.4	169.8	170.7	171.5	172.6	173.6	174.4	174.9	175.6	176.4
37.5°	167.2	168.9	170.2	171.5	172.8	174.0	174.9	175.4	176.0	176.8	177.7
36.25°	167.9	169.5	171.0	172.8	174.3	175.4	175.6	176.0	176.8	177.8	178.4
35°	168.8	170.4	172.1	173.9	175.5	175.5	175.8	176.4	177.2	177.9	178.4



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	169.6	171.2	172.9	174.3	174.9	175.3	175.7	176.7	177.5	178.2	178.4
32.5°	170.2	171.9	173.3	174.0	174.6	175.1	176.3	177.2	178.0	177.9	177.7
31.25°	170.7	172.2	173.1	173.8	174.5	175.6	176.9	177.8	177.5	177.2	177.0
30°	171.0	172.1	173.0	173.8	174.8	176.0	177.0	177.0	176.7	176.4	176.4
28.75°	170.8	172.1	173.0	173.9	174.9	175.8	175.9	176.0	175.9	175.9	176.0
27.5°	170.4	172.1	173.0	173.8	174.6	174.6	174.7	174.9	175.4	175.5	175.5
26.25°	169.8	171.3	172.7	173.6	173.5	173.4	173.6	174.3	174.7	174.9	174.9
25°	169.1	170.8	172.1	172.4	172.3	172.4	173.2	173.9	174.1	174.0	174.0
23.75°	168.6	170.3	171.0	171.1	171.1	172.1	173.0	173.4	173.1	172.9	173.0
22.5°	168.3	169.7	169.9	169.9	170.7	171.9	172.8	172.2	171.9	171.8	172.0
21.25°	168.0	168.6	168.8	169.2	170.5	171.7	171.5	170.9	170.6	170.9	171.1
20°	167.3	167.6	167.7	168.9	170.2	170.6	170.1	169.5	169.8	170.1	170.2
18.75°	166.3	166.6	167.3	168.6	169.8	169.3	168.7	168.8	169.1	169.4	169.1
17.5°	165.2	165.7	167.0	168.3	168.5	168.0	167.8	168.2	168.5	168.4	168.1
16.25°	164.2	165.1	166.5	167.7	167.3	166.9	167.2	167.7	167.8	167.6	167.3
15°	163.3	164.5	165.8	166.3	166.1	166.2	166.7	167.2	167.1	166.9	166.1
13.75°	162.6	163.7	165.0	165.0	164.9	165.4	166.2	166.6	166.5	166.2	165.0
12.5°	161.9	162.9	163.7	163.9	164.0	164.6	165.2	165.5	166.0	165.2	164.0
11.25°	161.0	162.0	162.6	162.8	163.1	163.6	163.9	163.9	164.0	163.7	163.1
10°	159.6	160.9	161.5	161.9	162.2	162.6	162.3	162.0	162.0	161.9	162.0
8.75°	157.8	159.2	159.9	160.6	161.1	161.5	160.6	160.0	160.2	160.2	160.8
7.5°	156.2	157.5	158.3	158.9	159.3	159.4	158.8	158.2	158.5	158.8	159.6
6.25°	154.5	155.8	156.7	157.1	157.3	157.4	157.0	156.9	157.2	157.7	158.4
5°	152.9	154.2	155.0	155.3	155.4	155.5	155.5	155.7	156.0	156.6	157.4
3.75°	151.3	152.5	153.4	153.5	153.3	153.7	154.1	154.5	154.9	155.5	156.3
2.5°	148.9	150.1	151.3	151.5	151.5	152.0	152.7	153.2	153.7	154.4	155.1
1.25°	146.2	147.5	148.7	149.4	150.1	150.3	150.5	151.6	152.6	153.3	153.9
0°	143.4	144.8	146.1	147.4	148.7	148.5	148.3	150.0	151.6	152.1	152.6
-1.25°	142.2	143.5	144.8	146.0	147.2	147.7	148.2	149.3	150.2	150.9	151.6
-2.5°	140.9	142.2	143.5	144.6	145.8	146.9	148.1	148.6	148.9	149.7	150.4
-3.75°	139.5	140.7	142.0	143.1	144.2	145.5	146.9	147.4	147.7	148.4	149.3
-5°	137.8	139.0	140.3	141.5	142.6	144.0	145.5	146.2	146.5	147.2	148.0
-6.25°	136.0	137.2	138.5	139.7	141.0	142.4	144.0	145.0	145.3	145.8	146.7
-7.5°	134.1	135.4	136.7	138.0	139.2	140.6	142.3	143.8	144.1	144.7	145.7
-8.75°	132.0	133.4	134.7	136.1	137.3	138.8	140.7	142.3	142.9	143.7	144.7
-10°	129.9	131.4	132.8	134.3	135.8	137.5	139.1	140.4	141.4	142.5	143.7
-11.25°	127.8	129.5	131.0	132.5	134.1	136.0	137.7	138.7	139.6	140.9	142.5
-12.5°	125.9	127.6	129.1	130.6	132.2	134.2	136.5	137.2	137.7	138.9	140.4
-13.75°	124.0	125.6	127.2	128.6	130.2	132.2	134.5	135.8	136.1	136.6	138.1
-15°	122.0	123.6	125.1	126.6	128.1	129.8	131.9	134.1	134.3	134.6	135.7
-16.25°	119.8	121.5	123.0	124.4	125.8	127.1	129.1	131.2	132.5	132.8	133.1
-17.5°	117.5	119.4	120.8	122.0	123.3	124.6	126.1	128.2	130.3	130.9	131.4
-18.75°	115.1	116.9	118.3	119.5	120.7	122.0	123.2	125.0	127.0	129.0	129.7
-20°	112.6	114.3	115.8	117.0	118.1	119.3	120.5	121.6	124.0	126.1	127.7
-21.25°	110.1	111.7	113.1	114.3	115.4	116.5	117.6	119.4	121.2	123.2	124.9





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**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	107.5	109.2	110.5	111.7	112.7	113.7	115.5	117.3	119.0	120.5	122.2
-23.75°	104.9	106.5	107.9	109.0	109.9	111.5	113.3	115.3	116.9	118.3	119.6
-25°	102.1	103.7	105.3	106.4	107.6	109.1	110.8	112.8	114.8	116.2	117.3
-26.25°	99.1	100.8	102.3	104.1	105.3	106.6	108.1	110.0	112.1	114.1	115.0
-27.5°	96.0	97.8	99.5	101.3	102.8	104.1	105.4	107.0	108.9	110.9	112.5
-28.75°	92.8	94.7	96.8	98.4	100.0	101.4	102.7	104.0	105.7	107.6	109.3
-30°	89.7	91.8	93.8	95.6	97.1	98.5	99.7	101.0	102.6	104.5	106.1
-31.25°	87.1	88.8	90.7	92.6	94.2	95.5	96.7	97.9	99.3	101.0	102.9
-32.5°	84.6	86.0	87.6	89.4	91.1	92.6	93.8	94.9	95.8	97.2	98.9
-33.75°	81.9	83.2	84.6	86.1	87.8	89.3	90.9	91.9	92.8	93.7	94.6
-35°	79.0	80.3	81.6	83.0	84.4	85.9	87.3	88.8	89.9	90.6	91.3
-36.25°	76.0	77.3	78.5	79.8	81.0	82.3	83.7	85.0	86.4	87.6	88.3
-37.5°	72.9	74.1	75.3	76.5	77.5	78.7	79.9	81.2	82.4	83.6	84.9
-38.75°	69.6	70.9	72.0	72.8	73.9	74.9	76.0	77.1	78.4	79.5	80.4
-40°	65.9	67.3	68.5	68.7	69.4	70.7	71.9	72.9	74.0	74.9	75.6
-41.25°	62.0	63.3	64.0	64.2	64.6	65.4	66.7	68.4	69.4	69.8	70.2
-42.5°	58.0	59.0	59.4	59.6	59.5	59.7	60.5	61.8	63.3	64.4	64.6
-43.75°	53.9	54.6	54.9	55.1	55.1	54.8	54.3	54.8	56.3	57.6	58.4
-45°	49.7	50.4	50.8	50.8	50.7	50.5	50.0	49.5	49.9	51.1	52.2
-46.25°	46.3	46.4	46.8	47.0	46.8	46.3	45.8	45.8	46.3	46.6	46.8
-47.5°	43.5	43.4	43.3	43.3	43.2	42.9	42.2	42.3	42.6	43.0	43.2
-48.75°	40.6	40.5	40.4	40.1	39.8	39.5	39.2	39.3	39.4	39.5	39.6
-50°	38.0	37.7	37.5	37.2	36.9	36.5	36.3	36.3	36.4	36.4	36.4
-51.25°	35.5	35.1	34.7	34.3	33.9	33.5	33.3	33.2	33.2	33.2	33.1
-52.5°	32.8	32.4	31.9	31.5	31.0	30.6	30.3	30.1	29.9	29.7	29.6
-53.75°	30.0	29.5	29.1	28.6	28.1	27.6	27.2	26.8	26.5	26.2	25.9
-55°	27.1	26.5	25.9	25.4	25.0	24.5	24.0	23.6	23.1	22.6	22.2
-56.25°	24.5	23.3	22.6	22.0	21.5	21.2	20.8	20.3	19.7	19.1	18.5
-57.5°	22.5	21.4	20.1	18.8	18.1	17.9	17.6	17.2	16.6	15.9	15.0
-58.75°	20.5	19.5	18.3	17.1	16.2	15.5	14.7	14.2	13.7	13.1	12.4
-60°	18.9	17.8	16.6	15.5	14.8	14.1	13.3	12.5	11.7	10.8	9.9
-61.25°	17.4	16.4	15.3	14.2	13.5	12.7	12.0	11.2	10.4	9.6	8.7
-62.5°	16.0	15.0	13.9	13.1	12.5	11.8	11.0	10.2	9.3	8.4	7.5
-63.75°	14.9	13.9	12.9	12.1	11.5	10.9	10.3	9.5	8.8	7.9	7.0
-65°	13.9	13.0	12.0	11.4	10.8	10.2	9.6	8.9	8.2	7.5	6.7
-66.25°	12.8	12.0	11.2	10.7	10.1	9.6	9.0	8.3	7.7	7.0	6.3
-67.5°	11.8	11.1	10.4	9.9	9.4	8.9	8.4	7.8	7.2	6.5	5.9
-68.75°	10.9	10.2	9.6	9.2	8.7	8.2	7.7	7.2	6.6	6.0	5.5
-70°	9.9	9.3	8.8	8.4	8.0	7.6	7.1	6.6	6.1	5.6	5.1
-71.25°	9.1	8.5	8.1	7.7	7.3	6.9	6.5	6.1	5.6	5.1	4.6
-72.5°	8.2	7.7	7.3	7.0	6.6	6.3	5.9	5.5	5.0	4.6	4.2
-73.75°	7.4	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7
-75°	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.3
-76.25°	5.7	5.4	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.3	2.9
-77.5°	4.9	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1	2.8	2.6



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	4.2	4.0	3.8	3.6	3.5	3.3	3.1	2.9	2.7	2.4	2.2
-80°	3.5	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8
-81.25°	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5
-82.5°	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2
-83.75°	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9
-85°	1.3	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7
-86.25°	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2
-88.75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.7	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9
87.5°	5.4	5.4	5.5	5.6	5.7	5.8	5.8	5.8	5.8	5.9	5.9
86.25°	9.1	9.3	9.4	9.5	9.6	9.7	9.8	9.8	9.8	9.8	9.8
85°	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.8	13.8	13.8	13.8
83.75°	18.0	18.1	18.3	18.4	18.5	18.6	18.7	18.8	18.9	18.9	19.0
82.5°	23.3	23.4	23.5	23.6	23.6	23.6	23.8	23.9	24.0	24.1	24.2
81.25°	28.9	29.1	29.2	29.3	29.4	29.5	29.7	29.8	30.0	30.2	30.3
80°	34.8	35.0	35.1	35.3	35.4	35.5	35.7	35.9	36.1	36.3	36.4
78.75°	41.0	41.3	41.5	41.8	42.0	42.1	42.4	42.6	42.8	43.0	43.1
77.5°	47.7	48.0	48.3	48.6	48.8	48.9	49.2	49.4	49.6	49.8	49.9
76.25°	54.3	54.6	54.9	55.2	55.4	55.6	55.9	56.1	56.3	56.5	56.6
75°	60.5	60.9	61.3	61.6	61.9	62.2	62.5	62.8	63.0	63.2	63.3
73.75°	66.7	67.2	67.7	68.1	68.4	68.6	68.9	69.2	69.5	69.7	69.9
72.5°	73.7	74.1	74.4	74.7	74.9	75.0	75.2	75.6	75.9	76.2	76.4
71.25°	80.6	80.9	81.1	81.3	81.4	81.4	81.6	82.1	82.5	82.8	83.1
70°	87.0	87.3	87.5	87.7	87.9	88.0	88.2	88.6	89.1	89.5	89.8
68.75°	93.2	93.6	93.9	94.2	94.5	94.7	95.0	95.5	95.9	96.1	96.3
67.5°	99.5	100.0	100.5	101.0	101.4	101.8	102.2	102.5	102.7	102.8	102.9
66.25°	105.7	106.4	107.0	107.6	107.9	108.2	108.3	108.4	108.4	108.5	108.5
65°	111.7	112.3	112.7	112.9	113.1	113.1	113.0	113.2	113.4	113.6	113.8
63.75°	117.8	118.1	118.3	118.4	118.4	118.4	118.4	118.8	119.4	119.9	120.3
62.5°	123.4	123.6	123.8	124.1	124.4	124.6	124.9	125.5	126.1	126.6	127.1
61.25°	128.2	128.7	129.2	129.7	130.3	130.4	130.4	130.5	130.8	131.1	131.3
60°	132.7	133.2	133.4	133.6	133.6	133.5	133.3	133.3	133.7	134.1	134.5
58.75°	136.9	137.1	137.2	137.2	137.0	136.8	136.7	136.8	137.4	138.0	138.4
57.5°	141.0	141.2	141.3	141.4	141.4	141.4	141.4	141.4	142.0	142.4	142.8
56.25°	145.2	145.5	145.7	145.9	146.0	146.1	146.1	146.1	146.5	146.8	147.1
55°	149.4	149.7	149.8	149.9	150.1	150.3	150.4	150.6	150.9	151.3	151.5
53.75°	152.8	153.0	153.3	153.7	154.0	154.3	154.6	154.7	154.8	154.9	154.9
52.5°	156.0	156.3	156.7	157.0	157.2	157.4	157.5	157.6	157.7	157.7	157.7
51.25°	158.9	159.2	159.5	159.8	160.1	160.2	160.4	160.4	160.5	160.6	160.6
50°	161.5	162.0	162.4	162.6	162.8	162.9	163.0	163.1	163.2	163.3	163.5
48.75°	164.1	164.5	164.9	165.2	165.4	165.5	165.7	165.7	165.5	165.7	165.9
47.5°	166.6	167.0	167.4	167.7	167.8	167.8	167.6	167.3	166.9	167.3	167.7
46.25°	169.0	169.5	170.0	170.1	170.1	169.9	169.6	169.1	168.6	169.1	169.8
45°	171.0	171.6	172.4	172.7	172.4	172.0	171.7	171.5	171.2	171.5	172.1
43.75°	172.8	173.5	174.1	174.4	174.2	174.0	173.9	173.8	173.5	173.1	173.2
42.5°	174.0	174.6	175.3	176.0	175.9	175.3	174.7	174.0	173.2	172.6	172.8
41.25°	175.0	175.7	176.2	176.6	176.2	175.6	174.8	174.0	173.1	172.7	173.4
40°	175.9	176.5	176.8	176.9	176.7	176.1	175.8	175.5	175.2	175.0	175.3
38.75°	177.0	177.4	177.5	177.7	178.0	177.7	177.5	177.4	177.3	176.9	176.7
37.5°	178.1	178.1	178.3	178.6	179.1	179.2	178.7	178.2	177.7	177.2	177.0
36.25°	178.5	178.6	179.0	179.3	179.5	179.6	179.1	178.6	178.1	177.5	177.2
35°	178.7	178.8	178.9	179.1	179.5	180.0	179.5	178.9	178.4	177.9	177.5



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	178.3	178.3	178.5	178.8	179.3	179.7	179.6	179.1	178.7	178.3	177.7
32.5°	177.6	177.6	178.0	178.4	178.9	179.3	179.6	178.8	178.1	177.5	176.9
31.25°	176.9	177.1	177.5	177.9	178.3	178.5	178.5	177.8	177.1	176.5	176.3
30°	176.6	176.7	177.0	177.4	177.5	177.5	177.3	177.0	176.9	177.0	177.2
28.75°	176.1	176.3	176.7	176.9	176.9	176.7	176.7	177.0	177.1	177.5	177.8
27.5°	175.6	175.9	176.3	176.4	175.9	175.8	176.1	176.7	176.8	176.7	176.4
26.25°	175.0	175.3	175.2	174.8	174.5	174.7	175.2	175.7	176.0	175.6	175.1
25°	174.1	174.0	173.7	173.3	173.3	173.8	174.3	174.7	174.9	174.1	173.4
23.75°	173.1	172.9	172.5	172.5	172.6	172.9	173.1	172.8	172.7	172.2	171.6
22.5°	172.1	171.9	171.7	171.6	171.8	171.2	170.8	170.5	170.4	170.9	170.8
21.25°	171.1	170.9	170.7	170.6	170.2	169.4	168.5	169.0	169.7	170.3	170.3
20°	170.0	169.8	169.7	169.7	169.1	168.3	168.0	168.4	169.1	169.4	169.3
18.75°	168.9	168.7	168.9	169.2	168.7	168.3	168.0	167.9	167.8	167.7	167.8
17.5°	167.8	167.5	167.6	168.3	168.6	168.3	167.7	166.7	166.1	166.1	166.4
16.25°	166.3	165.9	166.2	167.0	167.8	167.8	166.8	165.8	164.9	165.2	165.5
15°	165.0	164.2	164.9	165.7	166.4	166.8	166.2	165.2	164.6	164.4	164.7
13.75°	163.9	163.7	163.6	164.4	165.0	165.4	165.3	164.6	164.0	163.6	163.7
12.5°	163.5	163.5	163.4	163.5	164.0	164.2	164.0	163.5	163.3	162.9	162.2
11.25°	163.3	163.4	163.3	163.3	163.3	163.2	163.0	162.8	162.8	162.4	161.7
10°	162.8	163.2	163.0	163.0	162.7	162.5	162.3	162.2	162.2	162.7	162.0
8.75°	161.6	162.0	162.4	162.5	162.2	162.0	161.9	161.7	161.7	162.2	163.0
7.5°	160.4	160.5	160.7	161.4	161.7	161.6	161.5	161.4	161.2	161.3	161.3
6.25°	158.9	158.9	159.4	160.7	161.4	161.1	161.1	161.3	161.2	160.6	159.4
5°	157.7	157.7	158.5	160.3	161.0	160.5	160.4	160.6	161.0	160.9	159.9
3.75°	156.7	156.9	158.0	159.6	160.0	159.6	159.6	159.8	160.4	161.0	161.2
2.5°	155.7	156.2	157.3	158.6	158.6	158.5	158.7	159.0	159.9	161.1	161.6
1.25°	154.4	155.0	156.0	157.0	157.2	157.4	157.9	158.4	158.8	159.4	159.9
0°	152.9	153.1	153.7	154.3	155.0	155.6	156.0	156.3	156.7	157.1	157.5
-1.25°	152.4	153.3	153.8	154.2	154.9	155.6	156.1	156.5	157.1	157.8	158.4
-2.5°	151.6	152.9	153.3	153.5	154.2	154.9	155.2	155.4	156.1	156.9	158.1
-3.75°	150.5	152.0	152.5	152.6	153.2	154.1	154.5	154.7	155.6	156.9	158.1
-5°	149.3	150.9	151.7	151.8	152.4	153.3	153.9	154.5	155.4	156.6	157.4
-6.25°	147.9	149.6	150.9	151.3	151.9	152.6	153.2	154.0	154.7	155.4	155.9
-7.5°	146.8	148.3	149.8	150.5	151.3	151.8	152.5	153.5	154.1	154.2	153.6
-8.75°	145.7	147.0	148.3	149.2	149.7	150.3	151.3	152.9	153.3	153.1	152.5
-10°	144.7	145.6	146.4	147.2	147.7	148.3	149.3	150.8	152.4	152.2	151.8
-11.25°	143.2	143.7	144.3	145.0	145.5	146.2	147.0	148.3	149.8	151.1	150.6
-12.5°	141.5	141.9	142.2	142.8	143.6	144.4	145.1	145.5	147.5	148.8	149.0
-13.75°	139.7	140.2	140.4	141.3	142.1	142.7	143.2	144.3	146.1	147.6	147.7
-15°	137.3	138.7	139.4	140.1	140.8	141.3	141.8	142.9	144.5	146.2	146.8
-16.25°	134.8	136.9	138.3	139.0	139.6	140.0	140.5	141.3	142.4	143.8	144.8
-17.5°	132.6	134.6	136.5	137.8	138.2	138.5	139.0	139.6	140.4	141.7	142.8
-18.75°	130.7	132.2	134.1	135.8	136.4	136.6	137.0	137.5	138.0	138.9	140.1
-20°	128.6	129.9	131.4	132.8	133.8	134.4	134.7	135.3	135.5	135.7	136.7
-21.25°	126.2	127.3	128.7	129.9	130.9	131.7	132.4	133.3	133.7	133.7	134.3



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**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	123.4	124.7	126.1	127.2	128.2	128.9	130.2	131.3	132.2	132.5	132.6
-23.75°	120.9	122.2	123.5	124.6	125.5	126.7	128.0	129.1	130.1	130.4	130.3
-25°	118.4	119.7	120.8	122.0	123.0	124.1	125.4	126.8	127.9	128.0	127.9
-26.25°	116.0	117.0	118.1	119.2	120.4	121.4	122.5	123.6	124.7	125.2	125.5
-27.5°	113.4	114.3	115.4	116.5	117.8	118.8	119.7	120.3	121.2	121.9	122.4
-28.75°	110.6	111.5	112.4	113.8	115.2	116.4	117.3	118.0	118.3	118.8	119.4
-30°	107.5	108.5	109.6	111.0	112.3	113.6	114.8	115.4	115.5	115.7	116.0
-31.25°	104.6	105.6	106.8	108.1	109.3	110.5	111.7	112.2	112.4	112.4	112.3
-32.5°	100.7	102.8	104.0	105.2	106.3	107.4	108.4	108.9	109.3	109.4	109.4
-33.75°	96.2	98.5	100.4	102.1	103.1	104.1	104.8	105.4	105.9	106.5	106.6
-35°	92.3	94.3	96.3	98.0	99.5	100.7	101.1	101.5	101.9	102.3	102.6
-36.25°	89.4	90.7	92.3	94.0	95.6	96.6	97.1	97.5	97.8	98.0	98.2
-37.5°	86.1	87.1	88.4	89.8	91.4	92.6	93.0	93.3	93.5	93.6	93.8
-38.75°	81.5	82.8	84.2	85.3	86.5	87.3	88.0	88.6	89.0	89.2	89.5
-40°	76.4	77.4	78.5	79.8	81.1	82.0	82.6	83.1	83.5	83.7	84.1
-41.25°	70.9	71.7	72.4	73.3	73.9	74.5	75.4	76.6	77.9	78.1	77.9
-42.5°	64.9	65.3	65.8	66.5	66.2	66.1	66.2	66.6	67.1	67.8	68.7
-43.75°	58.7	58.7	58.9	59.2	59.2	58.8	58.0	56.8	55.8	56.3	57.6
-45°	52.8	52.9	52.6	52.2	52.4	52.4	51.9	51.2	50.1	49.8	50.1
-46.25°	47.2	47.6	47.7	47.5	47.3	46.9	46.4	45.8	45.1	45.2	45.5
-47.5°	43.3	43.3	43.2	42.9	42.6	42.3	41.8	41.2	40.5	40.7	40.9
-48.75°	39.8	39.8	39.6	39.2	38.7	38.1	37.4	36.6	36.1	36.2	36.3
-50°	36.4	36.3	36.0	35.6	35.1	34.5	33.9	33.1	32.5	32.5	32.3
-51.25°	33.0	32.9	32.5	32.0	31.5	31.0	30.4	29.7	29.2	29.2	29.0
-52.5°	29.5	29.3	28.9	28.3	27.7	27.1	26.5	25.8	25.5	25.4	25.3
-53.75°	25.6	25.2	24.7	24.1	23.6	23.1	22.5	21.8	21.4	21.2	20.9
-55°	21.7	21.0	20.3	19.6	18.8	18.1	17.4	16.7	16.6	16.5	16.3
-56.25°	17.9	17.2	16.4	15.4	14.3	13.2	12.2	11.3	11.4	11.4	11.2
-57.5°	14.1	13.5	12.8	12.0	11.0	10.0	8.8	7.8	7.6	7.3	7.0
-58.75°	11.6	10.7	9.8	8.9	7.9	6.9	5.9	5.1	4.8	4.6	4.2
-60°	9.2	8.4	7.5	6.6	5.6	4.6	3.5	2.9	2.7	2.4	2.0
-61.25°	7.8	6.8	5.7	4.6	3.4	2.4	1.4	1.0	1.1	1.0	0.9
-62.5°	6.8	5.9	5.0	4.0	3.0	1.9	0.8	0.4	0.3	0.2	0.2
-63.75°	6.2	5.3	4.5	3.6	2.7	1.8	0.8	0.5	0.4	0.3	0.3
-65°	5.9	5.1	4.3	3.5	2.6	1.8	0.9	0.7	0.6	0.5	0.3
-66.25°	5.6	4.9	4.2	3.4	2.6	1.8	1.0	0.9	0.7	0.6	0.4
-67.5°	5.3	4.6	3.9	3.2	2.5	1.8	1.1	1.0	0.8	0.6	0.5
-68.75°	4.9	4.3	3.7	3.0	2.4	1.7	1.1	1.0	0.8	0.7	0.5
-70°	4.5	4.0	3.4	2.8	2.2	1.6	1.1	1.0	0.8	0.7	0.5
-71.25°	4.2	3.6	3.1	2.6	2.0	1.5	1.1	0.9	0.8	0.6	0.5
-72.5°	3.7	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.7	0.6	0.5
-73.75°	3.3	2.9	2.5	2.1	1.6	1.2	0.9	0.8	0.7	0.5	0.4
-75°	3.0	2.6	2.2	1.8	1.4	1.0	0.8	0.7	0.6	0.5	0.4
-76.25°	2.6	2.3	2.0	1.6	1.2	0.9	0.7	0.6	0.5	0.4	0.3
-77.5°	2.3	2.0	1.7	1.4	1.1	0.8	0.6	0.5	0.4	0.4	0.3



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

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	2.0	1.7	1.4	1.2	0.9	0.6	0.5	0.4	0.4	0.3	0.2
-80°	1.6	1.4	1.2	1.0	0.7	0.5	0.4	0.4	0.3	0.3	0.2
-81.25°	1.3	1.1	1.0	0.8	0.6	0.4	0.3	0.3	0.2	0.2	0.2
-82.5°	1.0	0.9	0.8	0.6	0.5	0.3	0.3	0.2	0.2	0.2	0.1
-83.75°	0.8	0.7	0.6	0.5	0.4	0.2	0.2	0.2	0.2	0.1	0.1
-85°	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
-86.25°	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0
-87.5°	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-88.75°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.75°	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.0	3.0	2.9
87.5°	5.9	5.9	5.9	6.0	6.0	6.1	6.2	6.1	6.0	6.0	5.9
86.25°	9.8	9.8	9.8	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.8
85°	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.6	13.6	13.7	13.7
83.75°	19.0	19.0	19.0	19.0	19.0	19.0	18.9	19.0	19.0	19.0	19.0
82.5°	24.3	24.3	24.4	24.4	24.4	24.3	24.3	24.3	24.4	24.4	24.4
81.25°	30.4	30.5	30.5	30.6	30.7	30.8	30.9	30.8	30.7	30.6	30.5
80°	36.5	36.6	36.7	36.9	37.1	37.3	37.4	37.3	37.1	36.9	36.7
78.75°	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.7	43.6	43.5	43.4
77.5°	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
76.25°	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.8
75°	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.6	63.5
73.75°	70.0	70.2	70.2	70.4	70.7	70.8	71.0	70.8	70.7	70.4	70.2
72.5°	76.6	76.8	76.9	77.3	77.6	77.9	78.2	77.9	77.6	77.3	76.9
71.25°	83.4	83.6	83.7	84.0	84.4	84.6	84.9	84.6	84.4	84.0	83.7
70°	90.1	90.3	90.5	90.8	91.1	91.3	91.5	91.3	91.1	90.8	90.5
68.75°	96.5	96.5	96.5	96.6	96.8	97.0	97.1	97.0	96.8	96.6	96.5
67.5°	102.8	102.6	102.4	102.4	102.6	102.6	102.6	102.6	102.6	102.4	102.4
66.25°	108.5	108.4	108.3	108.5	108.8	109.1	109.3	109.1	108.8	108.5	108.3
65°	114.0	114.1	114.2	114.6	115.1	115.6	116.0	115.6	115.1	114.6	114.2
63.75°	120.6	120.9	121.1	121.3	121.5	121.6	121.6	121.6	121.5	121.3	121.1
62.5°	127.5	127.9	128.1	128.1	127.9	127.6	127.2	127.6	127.9	128.1	128.1
61.25°	131.6	131.8	132.0	132.1	132.2	132.2	132.3	132.2	132.2	132.1	132.0
60°	134.9	135.2	135.5	135.9	136.4	136.9	137.3	136.9	136.4	135.9	135.5
58.75°	138.8	139.1	139.4	139.7	140.3	140.9	141.4	140.9	140.3	139.7	139.4
57.5°	143.0	143.2	143.3	143.6	144.2	144.8	145.4	144.8	144.2	143.6	143.3
56.25°	147.3	147.4	147.5	147.7	148.3	148.9	149.4	148.9	148.3	147.7	147.5
55°	151.6	151.7	151.7	151.8	152.4	152.9	153.4	152.9	152.4	151.8	151.7
53.75°	154.9	154.8	154.7	154.7	155.3	155.8	156.3	155.8	155.3	154.7	154.7
52.5°	157.7	157.6	157.5	157.5	158.1	158.6	159.1	158.6	158.1	157.5	157.5
51.25°	160.7	160.7	160.6	160.6	160.5	160.4	160.2	160.4	160.5	160.6	160.6
50°	163.6	163.7	163.8	163.8	163.0	162.1	161.2	162.1	163.0	163.8	163.8
48.75°	166.1	166.3	166.6	166.8	165.1	163.3	161.4	163.3	165.1	166.8	166.6
47.5°	168.2	168.8	169.3	169.8	167.2	164.4	161.5	164.4	167.2	169.8	169.3
46.25°	170.4	170.9	171.3	171.7	169.7	167.5	165.2	167.5	169.7	171.7	171.3
45°	172.5	172.9	173.2	173.4	172.1	170.5	168.9	170.5	172.1	173.4	173.2
43.75°	173.3	173.4	173.6	173.8	172.2	170.0	167.9	170.0	172.2	173.8	173.6
42.5°	173.1	173.4	173.7	174.1	172.3	169.5	166.8	169.5	172.3	174.1	173.7
41.25°	173.9	174.3	174.7	174.9	173.7	171.7	169.8	171.7	173.7	174.9	174.7
40°	175.6	175.8	175.9	175.9	175.1	173.9	172.7	173.9	175.1	175.9	175.9
38.75°	176.8	176.9	177.2	177.4	177.2	176.4	175.6	176.4	177.2	177.4	177.2
37.5°	177.4	177.9	178.4	179.0	179.2	178.8	178.4	178.8	179.2	179.0	178.4
36.25°	177.6	178.0	178.2	178.4	178.5	178.4	178.4	178.4	178.5	178.4	178.2
35°	177.7	177.7	177.7	177.6	177.6	178.0	178.4	178.0	177.6	177.6	177.7

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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°	177.5	177.5	177.6	177.9	177.9	176.8	175.7	176.8	177.9
32.5°	176.8	177.1	177.7	178.3	178.4	175.8	173.0	175.8	178.4
31.25°	176.6	177.4	178.0	178.5	178.8	176.7	174.5	176.7	178.8
30°	177.6	178.1	178.5	178.8	179.1	177.5	176.0	177.5	179.1
28.75°	177.7	177.6	177.5	177.5	177.6	176.3	175.1	176.3	177.6
27.5°	176.1	175.9	175.8	175.8	175.9	175.0	174.1	175.0	175.9
26.25°	174.5	174.2	174.3	174.5	174.7	174.0	173.0	174.0	174.7
25°	172.9	172.5	172.8	173.1	173.6	172.9	171.8	172.9	173.6
23.75°	171.3	171.1	171.4	171.6	171.7	170.6	168.7	170.6	171.7
22.5°	170.5	170.2	170.1	170.0	169.9	168.3	165.6	168.3	169.9
21.25°	169.9	169.4	169.3	169.3	169.5	168.7	166.7	168.7	169.5
20°	168.8	168.6	168.5	168.8	169.3	169.1	167.7	169.1	169.3
18.75°	167.6	167.5	167.5	167.9	168.4	167.9	164.9	167.9	168.4
17.5°	166.6	166.5	166.4	166.7	167.3	166.9	162.0	166.9	167.3
16.25°	165.7	165.6	165.6	165.7	166.1	165.9	163.0	165.9	166.1
15°	165.2	165.7	165.4	165.0	164.9	164.6	164.0	164.6	164.9
13.75°	164.6	166.0	165.1	164.3	164.4	164.8	163.3	164.8	164.4
12.5°	163.0	164.4	164.5	163.5	163.8	164.8	162.5	164.8	163.8
11.25°	160.8	162.4	163.9	163.0	163.0	164.1	160.4	164.1	163.0
10°	160.2	160.7	162.2	162.1	162.3	163.4	158.2	163.4	162.3
8.75°	161.4	160.4	161.0	161.6	161.8	162.8	159.3	162.8	161.8
7.5°	161.7	160.9	160.0	161.7	161.8	162.1	160.4	162.1	161.8
6.25°	159.9	161.5	159.9	160.0	162.0	161.6	158.7	161.6	162.0
5°	159.5	160.4	162.3	159.7	161.6	160.8	157.0	160.8	161.6
3.75°	161.0	160.6	160.4	164.2	159.3	160.3	156.9	160.3	159.3
2.5°	161.6	160.9	161.1	159.5	162.3	158.7	156.8	158.7	162.3
1.25°	160.4	159.5	156.8	158.8	160.2	160.4	158.1	160.4	160.2
0°	157.8	158.6	159.4	160.0	160.5	159.9	159.4	159.9	160.5
-1.25°	159.2	159.2	158.3	159.6	160.0	158.0	159.8	158.0	160.0
-2.5°	159.1	158.9	159.3	159.6	157.8	158.6	160.2	158.6	157.8
-3.75°	158.1	158.3	158.7	158.2	158.6	157.2	159.5	157.2	158.6
-5°	157.4	157.1	156.9	158.2	155.5	157.5	158.8	157.5	155.5
-6.25°	154.5	153.8	156.3	157.1	156.0	156.8	157.8	156.8	156.0
-7.5°	151.6	153.0	155.1	155.3	155.5	156.7	156.9	156.7	155.5
-8.75°	152.1	153.0	153.1	153.4	154.2	154.8	155.8	154.8	154.2
-10°	151.7	152.1	152.4	152.7	153.3	152.8	154.8	152.8	153.3
-11.25°	150.4	151.1	152.2	152.6	153.0	153.2	153.2	153.2	153.0
-12.5°	148.5	148.7	150.0	151.4	152.5	153.5	151.6	153.5	152.5
-13.75°	146.9	145.8	147.5	149.0	149.6	150.0	150.1	150.0	149.6
-15°	146.2	145.8	146.2	146.8	146.7	146.6	148.6	146.6	146.7
-16.25°	145.4	145.4	145.2	145.2	145.0	145.0	147.1	145.0	145.0
-17.5°	143.5	143.7	143.7	143.6	143.3	143.5	145.6	143.5	143.3
-18.75°	141.5	142.2	142.4	142.3	142.0	142.1	143.0	142.1	142.0
-20°	138.4	139.7	140.5	140.5	140.6	140.6	140.5	140.6	140.6
-21.25°	135.6	137.2	137.9	137.7	137.4	137.6	138.0	137.6	137.4



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°
177.9	177.6	-22.5°	133.2	134.2	134.7	134.7	134.3	134.6	135.6	134.6	134.3
178.3	177.7	-23.75°	130.2	130.4	131.2	131.7	131.9	132.4	133.2	132.4	131.9
178.5	178.0	-25°	127.7	127.5	128.3	129.0	129.6	130.2	130.8	130.2	129.6
178.8	178.5	-26.25°	125.3	125.4	126.1	126.6	127.1	127.6	128.0	127.6	127.1
177.5	177.5	-27.5°	122.5	123.0	123.7	124.2	124.6	125.0	125.3	125.0	124.6
175.8	175.8	-28.75°	119.7	120.4	121.0	121.5	121.9	122.1	122.2	122.1	121.9
174.5	174.3	-30°	116.4	117.4	118.2	118.8	119.2	119.3	119.2	119.3	119.2
173.1	172.8	-31.25°	112.8	114.0	115.1	116.0	116.6	116.8	116.9	116.8	116.6
171.6	171.4	-32.5°	109.8	110.9	111.9	113.0	113.9	114.3	114.6	114.3	113.9
170.0	170.1	-33.75°	107.0	107.7	108.3	109.0	109.6	110.0	110.3	110.0	109.6
169.3	169.3	-35°	103.3	103.9	104.4	104.8	105.2	105.7	106.1	105.7	105.2
168.8	168.5	-36.25°	98.8	99.3	99.7	100.0	100.4	100.9	101.3	100.9	100.4
167.9	167.5	-37.5°	94.4	94.8	95.1	95.3	95.6	96.1	96.5	96.1	95.6
166.7	166.4	-38.75°	89.9	90.2	90.5	90.6	90.8	91.1	91.2	91.1	90.8
165.7	165.6	-40°	84.4	84.8	85.2	85.5	85.7	85.9	85.9	85.9	85.7
165.0	165.4	-41.25°	77.7	77.5	77.3	77.0	76.8	76.6	76.2	76.6	76.8
164.3	165.1	-42.5°	69.2	69.3	69.0	68.4	67.8	67.2	66.4	67.2	67.8
163.5	164.5	-43.75°	58.6	59.2	59.4	59.3	59.2	59.1	58.7	59.1	59.2
163.0	163.9	-45°	50.4	50.6	50.7	50.7	50.9	51.0	51.0	51.0	50.9
162.1	162.2	-46.25°	45.7	45.8	45.8	45.7	45.8	45.9	45.8	45.9	45.8
161.6	161.0	-47.5°	41.0	41.0	40.9	40.8	40.8	40.8	40.6	40.8	40.8
161.7	160.0	-48.75°	36.3	36.3	36.1	35.9	36.4	36.7	36.9	36.7	36.4
160.0	159.9	-50°	32.1	31.9	31.6	31.3	32.0	32.7	33.3	32.7	32.0
159.7	162.3	-51.25°	28.8	28.6	28.3	28.0	28.5	28.9	29.2	28.9	28.5
164.2	160.4	-52.5°	25.2	25.0	24.8	24.6	24.9	25.0	25.1	25.0	24.9
159.5	161.1	-53.75°	20.6	20.3	19.9	19.6	19.7	19.7	19.7	19.7	19.7
158.8	156.8	-55°	16.0	15.5	15.0	14.6	14.6	14.4	14.2	14.4	14.6
160.0	159.4	-56.25°	11.0	10.7	10.3	10.1	10.1	10.1	10.1	10.1	10.1
159.6	158.3	-57.5°	6.7	6.3	5.9	5.6	5.8	5.9	5.9	5.9	5.8
159.6	159.3	-58.75°	3.9	3.5	3.1	2.9	3.0	3.1	3.1	3.1	3.0
158.2	158.7	-60°	1.6	1.1	0.6	0.3	0.3	0.3	0.3	0.3	0.3
158.2	156.9	-61.25°	0.7	0.5	0.3	0.1	0.1	0.1	0.2	0.1	0.1
157.1	156.3	-62.5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.3	155.1	-63.75°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.4	153.1	-65°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	152.4	-66.25°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	152.2	-67.5°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.4	150.0	-68.75°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	147.5	-70°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.8	146.2	-71.25°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.2	145.2	-72.5°	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.6	143.7	-73.75°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.3	142.4	-75°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	140.5	-76.25°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	137.9	-77.5°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

3.75°	5°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
0.0	0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	88.75°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
0.0	0.0	87.5°	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.7
0.0	0.0	86.25°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.7	9.6
0.0	0.0	85°	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.7	13.6
0.0	0.0	83.75°	19.0	19.0	19.0	18.9	18.9	18.8	18.7	18.6	18.5
0.0	0.0	82.5°	24.3	24.3	24.2	24.1	24.0	23.9	23.8	23.6	23.6
0.0	0.0	81.25°	30.5	30.4	30.3	30.2	30.0	29.8	29.7	29.5	29.4
0.0	0.0	80°	36.6	36.5	36.4	36.3	36.1	35.9	35.7	35.5	35.4
0.0	0.0	78.75°	43.3	43.2	43.1	43.0	42.8	42.6	42.4	42.1	42.0
		77.5°	50.0	50.0	49.9	49.8	49.6	49.4	49.2	48.9	48.8
		76.25°	56.8	56.7	56.6	56.5	56.3	56.1	55.9	55.6	55.4
		75°	63.5	63.4	63.3	63.2	63.0	62.8	62.5	62.2	61.9
		73.75°	70.2	70.0	69.9	69.7	69.5	69.2	68.9	68.6	68.4
		72.5°	76.8	76.6	76.4	76.2	75.9	75.6	75.2	75.0	74.9
		71.25°	83.6	83.4	83.1	82.8	82.5	82.1	81.6	81.4	81.4
		70°	90.3	90.1	89.8	89.5	89.1	88.6	88.2	88.0	87.9
		68.75°	96.5	96.5	96.3	96.1	95.9	95.5	95.0	94.7	94.5
		67.5°	102.6	102.8	102.9	102.8	102.7	102.5	102.2	101.8	101.4
		66.25°	108.4	108.5	108.5	108.5	108.4	108.4	108.3	108.2	107.9
		65°	114.1	114.0	113.8	113.6	113.4	113.2	113.0	113.1	113.1
		63.75°	120.9	120.6	120.3	119.9	119.4	118.8	118.4	118.4	118.4
		62.5°	127.9	127.5	127.1	126.6	126.1	125.5	124.9	124.6	124.4
		61.25°	131.8	131.6	131.3	131.1	130.8	130.5	130.4	130.4	130.3
		60°	135.2	134.9	134.5	134.1	133.7	133.3	133.3	133.5	133.6
		58.75°	139.1	138.8	138.4	138.0	137.4	136.8	136.7	136.8	137.0
		57.5°	143.2	143.0	142.8	142.4	142.0	141.4	141.4	141.4	141.4
		56.25°	147.4	147.3	147.1	146.8	146.5	146.1	146.1	146.1	146.0
		55°	151.7	151.6	151.5	151.3	150.9	150.6	150.4	150.3	150.1
		53.75°	154.8	154.9	154.9	154.9	154.8	154.7	154.6	154.3	154.0
		52.5°	157.6	157.7	157.7	157.7	157.7	157.6	157.5	157.4	157.2
		51.25°	160.7	160.7	160.6	160.6	160.5	160.4	160.4	160.2	160.1
		50°	163.7	163.6	163.5	163.3	163.2	163.1	163.0	162.9	162.8
		48.75°	166.3	166.1	165.9	165.7	165.5	165.7	165.7	165.5	165.4
		47.5°	168.8	168.2	167.7	167.3	166.9	167.3	167.6	167.8	167.8
		46.25°	170.9	170.4	169.8	169.1	168.6	169.1	169.6	169.9	170.1
		45°	172.9	172.5	172.1	171.5	171.2	171.5	171.7	172.0	172.4
		43.75°	173.4	173.3	173.2	173.1	173.5	173.8	173.9	174.0	174.2
		42.5°	173.4	173.1	172.8	172.6	173.2	174.0	174.7	175.3	175.9
		41.25°	174.3	173.9	173.4	172.7	173.1	174.0	174.8	175.6	176.2
		40°	175.8	175.6	175.3	175.0	175.2	175.5	175.8	176.1	176.7
		38.75°	176.9	176.8	176.7	176.9	177.3	177.4	177.5	177.7	178.0
		37.5°	177.9	177.4	177.0	177.2	177.7	178.2	178.7	179.2	179.1
		36.25°	178.0	177.6	177.2	177.5	178.1	178.6	179.1	179.6	179.5
		35°	177.7	177.7	177.5	177.9	178.4	178.9	179.5	180.0	179.5



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
0.0	0.0	33.75°	177.5	177.5	177.7	178.3	178.7	179.1	179.6	179.7	179.3
2.8	2.8	32.5°	177.1	176.8	176.9	177.5	178.1	178.8	179.6	179.3	178.9
5.6	5.5	31.25°	177.4	176.6	176.3	176.5	177.1	177.8	178.5	178.5	178.3
9.5	9.4	30°	178.1	177.6	177.2	177.0	176.9	177.0	177.3	177.5	177.5
13.5	13.4	28.75°	177.6	177.7	177.8	177.5	177.1	177.0	176.7	176.7	176.9
18.4	18.3	27.5°	175.9	176.1	176.4	176.7	176.8	176.7	176.1	175.8	175.9
23.6	23.5	26.25°	174.2	174.5	175.1	175.6	176.0	175.7	175.2	174.7	174.5
29.3	29.2	25°	172.5	172.9	173.4	174.1	174.9	174.7	174.3	173.8	173.3
35.3	35.1	23.75°	171.1	171.3	171.6	172.2	172.7	172.8	173.1	172.9	172.6
41.8	41.5	22.5°	170.2	170.5	170.8	170.9	170.4	170.5	170.8	171.2	171.8
48.6	48.3	21.25°	169.4	169.9	170.3	170.3	169.7	169.0	168.5	169.4	170.2
55.2	54.9	20°	168.6	168.8	169.3	169.4	169.1	168.4	168.0	168.3	169.1
61.6	61.3	18.75°	167.5	167.6	167.8	167.7	167.8	167.9	168.0	168.3	168.7
68.1	67.7	17.5°	166.5	166.6	166.4	166.1	166.1	166.7	167.7	168.3	168.6
74.7	74.4	16.25°	165.6	165.7	165.5	165.2	164.9	165.8	166.8	167.8	167.8
81.3	81.1	15°	165.7	165.2	164.7	164.4	164.6	165.2	166.2	166.8	166.4
87.7	87.5	13.75°	166.0	164.6	163.7	163.6	164.0	164.6	165.3	165.4	165.0
94.2	93.9	12.5°	164.4	163.0	162.2	162.9	163.3	163.5	164.0	164.2	164.0
101.0	100.5	11.25°	162.4	160.8	161.7	162.4	162.8	162.8	163.0	163.2	163.3
107.6	107.0	10°	160.7	160.2	162.0	162.7	162.2	162.2	162.3	162.5	162.7
112.9	112.7	8.75°	160.4	161.4	163.0	162.2	161.7	161.7	161.9	162.0	162.2
118.4	118.3	7.5°	160.9	161.7	161.3	161.3	161.2	161.4	161.5	161.6	161.7
124.1	123.8	6.25°	161.5	159.9	159.4	160.6	161.2	161.3	161.1	161.1	161.4
129.7	129.2	5°	160.4	159.5	159.9	160.9	161.0	160.6	160.4	160.5	161.0
133.6	133.4	3.75°	160.6	161.0	161.2	161.0	160.4	159.8	159.6	159.6	160.0
137.2	137.2	2.5°	160.9	161.6	161.6	161.1	159.9	159.0	158.7	158.5	158.6
141.4	141.3	1.25°	159.5	160.4	159.9	159.4	158.8	158.4	157.9	157.4	157.2
145.9	145.7	0°	158.6	157.8	157.5	157.1	156.7	156.3	156.0	155.6	155.0
149.9	149.8	-1.25°	159.2	159.2	158.4	157.8	157.1	156.5	156.1	155.6	154.9
153.7	153.3	-2.5°	158.9	159.1	158.1	156.9	156.1	155.4	155.2	154.9	154.2
157.0	156.7	-3.75°	158.3	158.1	158.1	156.9	155.6	154.7	154.5	154.1	153.2
159.8	159.5	-5°	157.1	157.4	157.4	156.6	155.4	154.5	153.9	153.3	152.4
162.6	162.4	-6.25°	153.8	154.5	155.9	155.4	154.7	154.0	153.2	152.6	151.9
165.2	164.9	-7.5°	153.0	151.6	153.6	154.2	154.1	153.5	152.5	151.8	151.3
167.7	167.4	-8.75°	153.0	152.1	152.5	153.1	153.3	152.9	151.3	150.3	149.7
170.1	170.0	-10°	152.1	151.7	151.8	152.2	152.4	150.8	149.3	148.3	147.7
172.7	172.4	-11.25°	151.1	150.4	150.6	151.1	149.8	148.3	147.0	146.2	145.5
174.4	174.1	-12.5°	148.7	148.5	149.0	148.8	147.5	145.5	145.1	144.4	143.6
176.0	175.3	-13.75°	145.8	146.9	147.7	147.6	146.1	144.3	143.2	142.7	142.1
176.6	176.2	-15°	145.8	146.2	146.8	146.2	144.5	142.9	141.8	141.3	140.8
176.9	176.8	-16.25°	145.4	145.4	144.8	143.8	142.4	141.3	140.5	140.0	139.6
177.7	177.5	-17.5°	143.7	143.5	142.8	141.7	140.4	139.6	139.0	138.5	138.2
178.6	178.3	-18.75°	142.2	141.5	140.1	138.9	138.0	137.5	137.0	136.6	136.4
179.3	179.0	-20°	139.7	138.4	136.7	135.7	135.5	135.3	134.7	134.4	133.8
179.1	178.9	-21.25°	137.2	135.6	134.3	133.7	133.7	133.3	132.4	131.7	130.9

REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
178.8	178.5	-22.5°	134.2	133.2	132.6	132.5	132.2	131.3	130.2	128.9	128.2
178.4	178.0	-23.75°	130.4	130.2	130.3	130.4	130.1	129.1	128.0	126.7	125.5
177.9	177.5	-25°	127.5	127.7	127.9	128.0	127.9	126.8	125.4	124.1	123.0
177.4	177.0	-26.25°	125.4	125.3	125.5	125.2	124.7	123.6	122.5	121.4	120.4
176.9	176.7	-27.5°	123.0	122.5	122.4	121.9	121.2	120.3	119.7	118.8	117.8
176.4	176.3	-28.75°	120.4	119.7	119.4	118.8	118.3	118.0	117.3	116.4	115.2
174.8	175.2	-30°	117.4	116.4	116.0	115.7	115.5	115.4	114.8	113.6	112.3
173.3	173.7	-31.25°	114.0	112.8	112.3	112.4	112.4	112.2	111.7	110.5	109.3
172.5	172.5	-32.5°	110.9	109.8	109.4	109.4	109.3	108.9	108.4	107.4	106.3
171.6	171.7	-33.75°	107.7	107.0	106.6	106.5	105.9	105.4	104.8	104.1	103.1
170.6	170.7	-35°	103.9	103.3	102.6	102.3	101.9	101.5	101.1	100.7	99.5
169.7	169.7	-36.25°	99.3	98.8	98.2	98.0	97.8	97.5	97.1	96.6	95.6
169.2	168.9	-37.5°	94.8	94.4	93.8	93.6	93.5	93.3	93.0	92.6	91.4
168.3	167.6	-38.75°	90.2	89.9	89.5	89.2	89.0	88.6	88.0	87.3	86.5
167.0	166.2	-40°	84.8	84.4	84.1	83.7	83.5	83.1	82.6	82.0	81.1
165.7	164.9	-41.25°	77.5	77.7	77.9	78.1	77.9	76.6	75.4	74.5	73.9
164.4	163.6	-42.5°	69.3	69.2	68.7	67.8	67.1	66.6	66.2	66.1	66.2
163.5	163.4	-43.75°	59.2	58.6	57.6	56.3	55.8	56.8	58.0	58.8	59.2
163.3	163.3	-45°	50.6	50.4	50.1	49.8	50.1	51.2	51.9	52.4	52.4
163.0	163.0	-46.25°	45.8	45.7	45.5	45.2	45.1	45.8	46.4	46.9	47.3
162.5	162.4	-47.5°	41.0	41.0	40.9	40.7	40.5	41.2	41.8	42.3	42.6
161.4	160.7	-48.75°	36.3	36.3	36.3	36.2	36.1	36.6	37.4	38.1	38.7
160.7	159.4	-50°	31.9	32.1	32.3	32.5	32.5	33.1	33.9	34.5	35.1
160.3	158.5	-51.25°	28.6	28.8	29.0	29.2	29.2	29.7	30.4	31.0	31.5
159.6	158.0	-52.5°	25.0	25.2	25.3	25.4	25.5	25.8	26.5	27.1	27.7
158.6	157.3	-53.75°	20.3	20.6	20.9	21.2	21.4	21.8	22.5	23.1	23.6
157.0	156.0	-55°	15.5	16.0	16.3	16.5	16.6	16.7	17.4	18.1	18.8
154.3	153.7	-56.25°	10.7	11.0	11.2	11.4	11.4	11.3	12.2	13.2	14.3
154.2	153.8	-57.5°	6.3	6.7	7.0	7.3	7.6	7.8	8.8	10.0	11.0
153.5	153.3	-58.75°	3.5	3.9	4.2	4.6	4.8	5.1	5.9	6.9	7.9
152.6	152.5	-60°	1.1	1.6	2.0	2.4	2.7	2.9	3.5	4.6	5.6
151.8	151.7	-61.25°	0.5	0.7	0.9	1.0	1.1	1.0	1.4	2.4	3.4
151.3	150.9	-62.5°	0.1	0.1	0.2	0.2	0.3	0.4	0.8	1.9	3.0
150.5	149.8	-63.75°	0.1	0.2	0.3	0.3	0.4	0.5	0.8	1.8	2.7
149.2	148.3	-65°	0.1	0.2	0.3	0.5	0.6	0.7	0.9	1.8	2.6
147.2	146.4	-66.25°	0.2	0.3	0.4	0.6	0.7	0.9	1.0	1.8	2.6
145.0	144.3	-67.5°	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.8	2.5
142.8	142.2	-68.75°	0.2	0.4	0.5	0.7	0.8	1.0	1.1	1.7	2.4
141.3	140.4	-70°	0.2	0.4	0.5	0.7	0.8	1.0	1.1	1.6	2.2
140.1	139.4	-71.25°	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.5	2.0
139.0	138.3	-72.5°	0.2	0.3	0.5	0.6	0.7	0.9	1.0	1.3	1.8
137.8	136.5	-73.75°	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.2	1.6
135.8	134.1	-75°	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.4
132.8	131.4	-76.25°	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.2
129.9	128.7	-77.5°	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.8	1.1



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°
127.2	126.1	-78.75°	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.9
124.6	123.5	-80°	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.7
122.0	120.8	-81.25°	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.6
119.2	118.1	-82.5°	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.5
116.5	115.4	-83.75°	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.4
113.8	112.4	-85°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3
111.0	109.6	-86.25°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
108.1	106.8	-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.2	104.0	-88.75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.1	100.4	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	96.3										
94.0	92.3										
89.8	88.4										
85.3	84.2										
79.8	78.5										
73.3	72.4										
66.5	65.8										
59.2	58.9										
52.2	52.6										
47.5	47.7										
42.9	43.2										
39.2	39.6										
35.6	36.0										
32.0	32.5										
28.3	28.9										
24.1	24.7										
19.6	20.3										
15.4	16.4										
12.0	12.8										
8.9	9.8										
6.6	7.5										
4.6	5.7										
4.0	5.0										
3.6	4.5										
3.5	4.3										
3.4	4.2										
3.2	3.9										
3.0	3.7										
2.8	3.4										
2.6	3.1										
2.3	2.8										
2.1	2.5										
1.8	2.2										
1.6	2.0										
1.4	1.7										

REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

17.5°	18.75°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
1.2	1.4	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	1.2	88.75°	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4
0.8	1.0	87.5°	5.4	5.4	5.3	5.2	5.1	5.0	5.0	4.9	4.9
0.6	0.8	86.25°	9.3	9.1	9.0	8.8	8.7	8.6	8.5	8.4	8.3
0.5	0.6	85°	13.2	13.1	12.9	12.8	12.6	12.5	12.4	12.2	12.1
0.4	0.4	83.75°	18.1	18.0	17.8	17.6	17.4	17.1	16.9	16.6	16.4
0.2	0.3	82.5°	23.4	23.3	23.1	23.0	22.7	22.4	22.1	21.8	21.4
0.1	0.1	81.25°	29.1	28.9	28.7	28.5	28.3	27.9	27.5	27.0	26.5
0.0	0.1	80°	35.0	34.8	34.6	34.3	34.0	33.7	33.3	32.9	32.5
0.0	0.0	78.75°	41.3	41.0	40.7	40.3	40.0	39.6	39.2	38.9	38.4
		77.5°	48.0	47.7	47.4	47.0	46.6	46.1	45.6	45.1	44.6
		76.25°	54.6	54.3	54.0	53.6	53.2	52.6	52.1	51.5	50.8
		75°	60.9	60.5	60.0	59.6	59.1	58.7	58.2	57.7	57.0
		73.75°	67.2	66.7	66.1	65.5	65.1	64.7	64.3	63.7	63.1
		72.5°	74.1	73.7	73.1	72.5	71.9	71.2	70.6	70.0	69.3
		71.25°	80.9	80.6	80.2	79.7	78.9	78.1	77.2	76.4	75.6
		70°	87.3	87.0	86.6	86.2	85.4	84.6	83.8	82.8	81.8
		68.75°	93.6	93.2	92.8	92.3	91.5	90.7	89.8	88.8	87.7
		67.5°	100.0	99.5	98.9	98.3	97.6	96.7	95.8	94.7	93.6
		66.25°	106.4	105.7	104.9	104.3	103.7	102.9	102.0	100.9	99.7
		65°	112.3	111.7	111.0	110.4	109.8	109.1	108.3	107.3	106.2
		63.75°	118.1	117.8	117.3	116.5	115.7	115.0	114.2	113.4	112.6
		62.5°	123.6	123.4	123.2	122.6	121.7	120.7	119.7	118.8	117.8
		61.25°	128.7	128.2	127.7	127.0	126.4	125.7	124.9	124.1	123.0
		60°	133.2	132.7	132.2	131.4	130.6	129.8	129.0	128.2	127.3
		58.75°	137.1	136.9	136.3	135.6	134.8	134.0	133.1	132.1	131.2
		57.5°	141.2	141.0	140.4	139.7	138.9	138.0	137.1	136.1	135.0
		56.25°	145.5	145.2	144.6	143.9	143.0	142.0	141.0	140.0	138.9
		55°	149.7	149.4	148.9	148.2	147.4	146.4	145.3	144.0	142.7
		53.75°	153.0	152.8	152.6	152.3	151.8	150.9	149.8	148.6	147.0
		52.5°	156.3	156.0	155.8	155.5	155.1	154.6	154.1	153.2	151.4
		51.25°	159.2	158.9	158.8	158.7	158.2	157.8	157.2	156.6	155.1
		50°	162.0	161.5	161.2	160.9	160.7	160.7	160.4	159.3	157.7
		48.75°	164.5	164.1	163.5	163.0	162.7	162.4	162.3	161.5	160.2
		47.5°	167.0	166.6	166.0	165.4	164.7	164.1	163.7	162.9	161.9
		46.25°	169.5	169.0	168.6	167.9	167.2	166.4	165.4	164.4	163.4
		45°	171.6	171.0	170.5	170.2	169.8	169.0	167.7	166.4	165.2
		43.75°	173.5	172.8	172.1	171.6	171.2	170.8	169.9	168.6	167.3
		42.5°	174.6	174.0	173.4	172.8	172.3	171.6	170.9	170.2	169.2
		41.25°	175.7	175.0	174.3	173.7	173.1	172.4	171.7	170.9	170.3
		40°	176.5	175.9	175.2	174.5	174.0	173.3	172.5	171.6	170.9
		38.75°	177.4	177.0	176.4	175.6	174.9	174.4	173.6	172.6	171.5
		37.5°	178.1	178.1	177.7	176.8	176.0	175.4	174.9	174.0	172.8
		36.25°	178.6	178.5	178.4	177.8	176.8	176.0	175.6	175.4	174.3
		35°	178.8	178.7	178.4	177.9	177.2	176.4	175.8	175.5	175.5

REPORT NUMBER: P394885 (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°
0.0	0.0	33.75°	178.3	178.3	178.4	178.2	177.5	176.7	175.7	175.3	174.9
2.4	2.4	32.5°	177.6	177.6	177.7	177.9	178.0	177.2	176.3	175.1	174.6
4.8	4.8	31.25°	177.1	176.9	177.0	177.2	177.5	177.8	176.9	175.6	174.5
8.2	8.0	30°	176.7	176.6	176.4	176.4	176.7	177.0	177.0	176.0	174.8
11.9	11.8	28.75°	176.3	176.1	176.0	175.9	175.9	176.0	175.9	175.8	174.9
16.1	15.8	27.5°	175.9	175.6	175.5	175.5	175.4	174.9	174.7	174.6	174.6
21.0	20.7	26.25°	175.3	175.0	174.9	174.9	174.7	174.3	173.6	173.4	173.5
26.0	25.5	25°	174.0	174.1	174.0	174.0	174.1	173.9	173.2	172.4	172.3
31.9	31.4	23.75°	172.9	173.1	173.0	172.9	173.1	173.4	173.0	172.1	171.1
38.0	37.4	22.5°	171.9	172.1	172.0	171.8	171.9	172.2	172.8	171.9	170.7
44.1	43.5	21.25°	170.9	171.1	171.1	170.9	170.6	170.9	171.5	171.7	170.5
50.2	49.5	20°	169.8	170.0	170.2	170.1	169.8	169.5	170.1	170.6	170.2
56.3	55.5	18.75°	168.7	168.9	169.1	169.4	169.1	168.8	168.7	169.3	169.8
62.5	61.7	17.5°	167.5	167.8	168.1	168.4	168.5	168.2	167.8	168.0	168.5
68.6	67.9	16.25°	165.9	166.3	167.3	167.6	167.8	167.7	167.2	166.9	167.3
74.7	73.9	15°	164.2	165.0	166.1	166.9	167.1	167.2	166.7	166.2	166.1
80.7	79.7	13.75°	163.7	163.9	165.0	166.2	166.5	166.6	166.2	165.4	164.9
86.6	85.5	12.5°	163.5	163.5	164.0	165.2	166.0	165.5	165.2	164.6	164.0
92.5	91.3	11.25°	163.4	163.3	163.1	163.7	164.0	163.9	163.9	163.6	163.1
98.4	97.1	10°	163.2	162.8	162.0	161.9	162.0	162.0	162.3	162.6	162.2
104.9	103.5	8.75°	162.0	161.6	160.8	160.2	160.2	160.0	160.6	161.5	161.1
111.5	109.9	7.5°	160.5	160.4	159.6	158.8	158.5	158.2	158.8	159.4	159.3
116.9	115.5	6.25°	158.9	158.9	158.4	157.7	157.2	156.9	157.0	157.4	157.3
121.8	120.2	5°	157.7	157.7	157.4	156.6	156.0	155.7	155.5	155.5	155.4
126.4	124.9	3.75°	156.9	156.7	156.3	155.5	154.9	154.5	154.1	153.7	153.3
130.1	128.6	2.5°	156.2	155.7	155.1	154.4	153.7	153.2	152.7	152.0	151.5
133.7	132.3	1.25°	155.0	154.4	153.9	153.3	152.6	151.6	150.5	150.3	150.1
137.5	136.0	0°	153.1	152.9	152.6	152.1	151.6	150.0	148.3	148.5	148.7
141.3	139.8	-1.25°	153.3	152.4	151.6	150.9	150.2	149.3	148.2	147.7	147.2
145.3	143.6	-2.5°	152.9	151.6	150.4	149.7	148.9	148.6	148.1	146.9	145.8
149.5	147.6	-3.75°	152.0	150.5	149.3	148.4	147.7	147.4	146.9	145.5	144.2
153.5	151.5	-5°	150.9	149.3	148.0	147.2	146.5	146.2	145.5	144.0	142.6
156.2	154.8	-6.25°	149.6	147.9	146.7	145.8	145.3	145.0	144.0	142.4	141.0
158.6	157.0	-7.5°	148.3	146.8	145.7	144.7	144.1	143.8	142.3	140.6	139.2
160.6	159.1	-8.75°	147.0	145.7	144.7	143.7	142.9	142.3	140.7	138.8	137.3
162.3	160.9	-10°	145.6	144.7	143.7	142.5	141.4	140.4	139.1	137.5	135.8
164.1	162.8	-11.25°	143.7	143.2	142.5	140.9	139.6	138.7	137.7	136.0	134.1
166.0	164.8	-12.5°	141.9	141.5	140.4	138.9	137.7	137.2	136.5	134.2	132.2
167.8	166.6	-13.75°	140.2	139.7	138.1	136.6	136.1	135.8	134.5	132.2	130.2
169.6	168.2	-15°	138.7	137.3	135.7	134.6	134.3	134.1	131.9	129.8	128.1
170.2	169.5	-16.25°	136.9	134.8	133.1	132.8	132.5	131.2	129.1	127.1	125.8
170.7	169.8	-17.5°	134.6	132.6	131.4	130.9	130.3	128.2	126.1	124.6	123.3
171.5	170.2	-18.75°	132.2	130.7	129.7	129.0	127.0	125.0	123.2	122.0	120.7
172.8	171.0	-20°	129.9	128.6	127.7	126.1	124.0	121.6	120.5	119.3	118.1
173.9	172.1	-21.25°	127.3	126.2	124.9	123.2	121.2	119.4	117.6	116.5	115.4



REPORT NUMBER: P394885 (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°
174.3	172.9	-22.5°	124.7	123.4	122.2	120.5	119.0	117.3	115.5	113.7	112.7
174.0	173.3	-23.75°	122.2	120.9	119.6	118.3	116.9	115.3	113.3	111.5	109.9
173.8	173.1	-25°	119.7	118.4	117.3	116.2	114.8	112.8	110.8	109.1	107.6
173.8	173.0	-26.25°	117.0	116.0	115.0	114.1	112.1	110.0	108.1	106.6	105.3
173.9	173.0	-27.5°	114.3	113.4	112.5	110.9	108.9	107.0	105.4	104.1	102.8
173.8	173.0	-28.75°	111.5	110.6	109.3	107.6	105.7	104.0	102.7	101.4	100.0
173.6	172.7	-30°	108.5	107.5	106.1	104.5	102.6	101.0	99.7	98.5	97.1
172.4	172.1	-31.25°	105.6	104.6	102.9	101.0	99.3	97.9	96.7	95.5	94.2
171.1	171.0	-32.5°	102.8	100.7	98.9	97.2	95.8	94.9	93.8	92.6	91.1
169.9	169.9	-33.75°	98.5	96.2	94.6	93.7	92.8	91.9	90.9	89.3	87.8
169.2	168.8	-35°	94.3	92.3	91.3	90.6	89.9	88.8	87.3	85.9	84.4
168.9	167.7	-36.25°	90.7	89.4	88.3	87.6	86.4	85.0	83.7	82.3	81.0
168.6	167.3	-37.5°	87.1	86.1	84.9	83.6	82.4	81.2	79.9	78.7	77.5
168.3	167.0	-38.75°	82.8	81.5	80.4	79.5	78.4	77.1	76.0	74.9	73.9
167.7	166.5	-40°	77.4	76.4	75.6	74.9	74.0	72.9	71.9	70.7	69.4
166.3	165.8	-41.25°	71.7	70.9	70.2	69.8	69.4	68.4	66.7	65.4	64.6
165.0	165.0	-42.5°	65.3	64.9	64.6	64.4	63.3	61.8	60.5	59.7	59.5
163.9	163.7	-43.75°	58.7	58.7	58.4	57.6	56.3	54.8	54.3	54.8	55.1
162.8	162.6	-45°	52.9	52.8	52.2	51.1	49.9	49.5	50.0	50.5	50.7
161.9	161.5	-46.25°	47.6	47.2	46.8	46.6	46.3	45.8	45.8	46.3	46.8
160.6	159.9	-47.5°	43.3	43.3	43.2	43.0	42.6	42.3	42.2	42.9	43.2
158.9	158.3	-48.75°	39.8	39.8	39.6	39.5	39.4	39.3	39.2	39.5	39.8
157.1	156.7	-50°	36.3	36.4	36.4	36.4	36.4	36.3	36.3	36.5	36.9
155.3	155.0	-51.25°	32.9	33.0	33.1	33.2	33.2	33.2	33.3	33.5	33.9
153.5	153.4	-52.5°	29.3	29.5	29.6	29.7	29.9	30.1	30.3	30.6	31.0
151.5	151.3	-53.75°	25.2	25.6	25.9	26.2	26.5	26.8	27.2	27.6	28.1
149.4	148.7	-55°	21.0	21.7	22.2	22.6	23.1	23.6	24.0	24.5	25.0
147.4	146.1	-56.25°	17.2	17.9	18.5	19.1	19.7	20.3	20.8	21.2	21.5
146.0	144.8	-57.5°	13.5	14.1	15.0	15.9	16.6	17.2	17.6	17.9	18.1
144.6	143.5	-58.75°	10.7	11.6	12.4	13.1	13.7	14.2	14.7	15.5	16.2
143.1	142.0	-60°	8.4	9.2	9.9	10.8	11.7	12.5	13.3	14.1	14.8
141.5	140.3	-61.25°	6.8	7.8	8.7	9.6	10.4	11.2	12.0	12.7	13.5
139.7	138.5	-62.5°	5.9	6.8	7.5	8.4	9.3	10.2	11.0	11.8	12.5
138.0	136.7	-63.75°	5.3	6.2	7.0	7.9	8.8	9.5	10.3	10.9	11.5
136.1	134.7	-65°	5.1	5.9	6.7	7.5	8.2	8.9	9.6	10.2	10.8
134.3	132.8	-66.25°	4.9	5.6	6.3	7.0	7.7	8.3	9.0	9.6	10.1
132.5	131.0	-67.5°	4.6	5.3	5.9	6.5	7.2	7.8	8.4	8.9	9.4
130.6	129.1	-68.75°	4.3	4.9	5.5	6.0	6.6	7.2	7.7	8.2	8.7
128.6	127.2	-70°	4.0	4.5	5.1	5.6	6.1	6.6	7.1	7.6	8.0
126.6	125.1	-71.25°	3.6	4.2	4.6	5.1	5.6	6.1	6.5	6.9	7.3
124.4	123.0	-72.5°	3.3	3.7	4.2	4.6	5.0	5.5	5.9	6.3	6.6
122.0	120.8	-73.75°	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.6	6.0
119.5	118.3	-75°	2.6	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.3
117.0	115.8	-76.25°	2.3	2.6	2.9	3.3	3.6	3.9	4.2	4.4	4.7
114.3	113.1	-77.5°	2.0	2.3	2.6	2.8	3.1	3.4	3.6	3.9	4.1

REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°
111.7	110.5	-78.75°	1.7	2.0	2.2	2.4	2.7	2.9	3.1	3.3	3.5
109.0	107.9	-80°	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	2.9
106.4	105.3	-81.25°	1.1	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4
104.1	102.3	-82.5°	0.9	1.0	1.2	1.3	1.4	1.6	1.7	1.8	1.9
101.3	99.5	-83.75°	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
98.4	96.8	-85°	0.5	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.1
95.6	93.8	-86.25°	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7
92.6	90.7	-87.5°	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4
89.4	87.6	-88.75°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
86.1	84.6	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	81.6										
79.8	78.5										
76.5	75.3										
72.8	72.0										
68.7	68.5										
64.2	64.0										
59.6	59.4										
55.1	54.9										
50.8	50.8										
47.0	46.8										
43.3	43.3										
40.1	40.4										
37.2	37.5										
34.3	34.7										
31.5	31.9										
28.6	29.1										
25.4	25.9										
22.0	22.6										
18.8	20.1										
17.1	18.3										
15.5	16.6										
14.2	15.3										
13.1	13.9										
12.1	12.9										
11.4	12.0										
10.7	11.2										
9.9	10.4										
9.2	9.6										
8.4	8.8										
7.7	8.1										
7.0	7.3										
6.3	6.6										
5.6	5.9										
5.0	5.2										
4.3	4.5										

REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

31.25°	32.5°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
3.6	3.8	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	3.2	88.75°	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0
2.5	2.6	87.5°	4.7	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0
2.0	2.1	86.25°	7.9	7.8	7.6	7.4	7.2	7.0	6.8	6.5	6.3
1.6	1.6	85°	11.6	11.4	11.2	11.0	10.8	10.5	10.3	10.0	9.8
1.1	1.2	83.75°	15.5	15.2	14.9	14.6	14.4	14.1	13.8	13.5	13.2
0.7	0.8	82.5°	20.3	19.9	19.5	19.1	18.6	18.2	17.8	17.3	16.9
0.4	0.4	81.25°	25.0	24.5	24.0	23.5	23.0	22.4	21.9	21.4	20.8
0.2	0.2	80°	30.8	30.1	29.3	28.5	27.7	26.9	26.0	25.4	24.7
0.0	0.0	78.75°	36.9	36.1	35.3	34.4	33.4	32.5	31.5	30.6	29.5
		77.5°	42.9	42.1	41.2	40.2	39.1	38.1	37.0	35.9	34.8
		76.25°	48.8	47.9	46.9	45.9	44.8	43.6	42.5	41.3	40.0
		75°	54.7	53.7	52.6	51.5	50.3	49.1	47.9	46.6	45.3
		73.75°	60.9	59.7	58.4	57.2	55.9	54.6	53.3	51.9	50.5
		72.5°	67.1	65.6	64.2	62.7	61.3	59.9	58.5	57.0	55.6
		71.25°	72.9	71.5	69.9	68.3	66.7	65.1	63.5	61.9	60.3
		70°	78.6	77.2	75.7	74.1	72.3	70.4	68.5	66.7	64.9
		68.75°	84.2	82.9	81.5	79.9	78.2	76.4	74.3	72.2	69.8
		67.5°	90.0	88.6	87.2	85.8	84.2	82.3	80.3	78.2	75.6
		66.25°	95.6	94.2	92.7	91.1	89.5	87.9	86.3	84.2	81.3
		65°	101.6	99.8	98.1	96.5	94.8	93.0	91.3	89.3	86.7
		63.75°	107.7	105.6	103.6	101.7	99.9	98.1	96.2	94.0	91.3
		62.5°	113.5	111.2	108.9	106.7	104.6	102.7	100.9	98.7	95.9
		61.25°	118.2	116.1	113.9	111.6	109.2	107.0	104.9	102.6	100.2
		60°	123.0	120.9	118.7	116.3	113.8	111.2	108.8	106.5	104.1
		58.75°	127.1	125.5	123.4	121.1	118.6	115.9	113.2	110.4	107.9
		57.5°	130.7	129.1	127.3	125.5	123.3	120.6	117.8	114.9	112.0
		56.25°	134.3	132.7	130.9	129.1	127.1	125.1	122.5	119.5	116.4
		55°	138.1	136.4	134.5	132.6	130.6	128.5	126.2	123.9	120.8
		53.75°	141.9	140.1	138.3	136.3	134.1	131.8	129.4	127.0	124.6
		52.5°	145.7	143.9	142.0	140.0	137.7	135.1	132.5	130.0	127.6
		51.25°	149.5	147.5	145.6	143.7	141.1	138.3	135.6	133.0	130.4
		50°	153.1	151.0	149.0	147.0	144.3	141.4	138.6	135.8	133.2
		48.75°	155.5	154.1	152.2	149.8	147.1	144.3	141.4	138.5	135.8
		47.5°	157.5	156.0	154.5	152.6	149.8	146.9	144.0	141.1	138.2
		46.25°	159.4	157.7	156.1	154.3	152.3	149.5	146.6	143.6	140.5
		45°	161.3	159.6	157.7	155.8	153.8	151.7	149.1	146.0	142.9
		43.75°	163.4	161.5	159.3	157.4	155.4	153.3	151.1	148.4	145.2
		42.5°	165.4	163.2	160.9	158.8	157.0	154.9	152.6	150.3	147.5
		41.25°	166.7	164.5	162.2	160.0	158.0	156.3	154.2	151.8	149.0
		40°	167.7	165.5	163.2	160.9	158.9	157.1	155.6	153.4	150.1
		38.75°	168.4	166.5	164.2	161.9	159.5	157.7	156.1	154.3	151.1
		37.5°	168.9	167.2	165.2	162.8	160.4	158.0	156.3	154.2	152.0
		36.25°	169.5	167.9	166.0	163.7	161.3	158.8	156.3	154.2	152.0
		35°	170.4	168.8	166.9	164.6	162.1	159.7	156.9	154.2	151.9

REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
0.0	0.0	33.75°	171.2	169.6	167.9	165.7	163.1	160.7	157.9	154.7	152.0
1.9	1.9	32.5°	171.9	170.2	168.8	166.9	164.1	161.8	159.1	155.8	152.1
3.9	3.7	31.25°	172.2	170.7	169.2	167.4	164.8	162.4	160.5	157.2	153.4
6.1	5.8	30°	172.1	171.0	169.3	167.3	165.1	162.8	160.9	158.7	154.8
9.5	9.1	28.75°	172.1	170.8	169.2	167.2	165.0	162.9	161.0	159.6	156.3
12.8	12.3	27.5°	172.1	170.4	168.8	167.1	165.0	162.7	160.8	159.5	158.0
16.4	15.7	26.25°	171.3	169.8	168.2	166.7	164.9	162.6	160.4	159.1	158.1
20.2	19.5	25°	170.8	169.1	167.5	166.1	164.8	162.5	160.1	158.4	156.9
24.0	23.3	23.75°	170.3	168.6	166.8	165.3	164.1	162.4	159.9	157.4	155.8
28.5	27.4	22.5°	169.7	168.3	166.3	164.5	163.3	162.0	159.4	156.9	154.8
33.6	32.4	21.25°	168.6	168.0	166.0	163.7	162.4	160.9	158.8	156.3	154.0
38.7	37.3	20°	167.6	167.3	165.8	163.5	161.6	160.0	158.1	155.7	153.3
43.8	42.2	18.75°	166.6	166.3	165.4	163.2	161.0	159.3	157.2	154.9	152.6
48.8	47.2	17.5°	165.7	165.2	164.6	162.7	160.6	158.6	156.4	154.0	151.8
53.9	52.1	16.25°	165.1	164.2	163.5	162.2	160.2	158.2	155.8	153.1	150.9
58.6	56.9	15°	164.5	163.3	162.5	161.5	159.6	157.7	155.2	152.3	150.0
63.1	61.3	13.75°	163.7	162.6	161.6	160.5	158.9	157.1	154.8	151.6	148.8
67.7	65.7	12.5°	162.9	161.9	160.8	159.6	158.1	156.1	153.7	150.6	147.7
73.0	70.5	11.25°	162.0	161.0	160.0	158.3	156.5	154.4	152.3	149.4	146.7
78.5	75.7	10°	160.9	159.6	158.1	156.4	154.7	152.7	150.6	148.1	145.6
83.9	80.8	8.75°	159.2	157.8	156.2	154.5	152.9	151.0	148.9	146.7	144.4
88.5	85.7	7.5°	157.5	156.2	154.4	152.6	151.0	149.2	147.1	145.1	143.1
93.1	90.2	6.25°	155.8	154.5	152.5	150.6	149.1	147.3	145.3	143.4	141.6
97.6	94.6	5°	154.2	152.9	150.7	148.6	147.1	145.5	143.5	141.6	140.1
101.5	98.9	3.75°	152.5	151.3	148.9	146.6	145.1	143.6	141.7	139.8	138.2
105.3	102.6	2.5°	150.1	148.9	146.6	144.4	143.1	141.8	139.9	137.9	136.2
109.2	106.4	1.25°	147.5	146.2	144.2	142.2	141.0	139.9	138.0	136.1	134.2
113.3	110.2	0°	144.8	143.4	141.7	139.9	139.0	138.0	136.1	134.2	132.1
117.6	114.3	-1.25°	143.5	142.2	140.7	139.2	137.7	136.3	134.8	133.2	130.7
121.8	118.5	-2.5°	142.2	140.9	139.7	138.4	136.4	134.6	133.5	132.2	129.3
125.1	122.5	-3.75°	140.7	139.5	138.7	137.5	135.0	132.9	132.2	131.1	127.8
127.9	125.3	-5°	139.0	137.8	136.8	135.5	133.2	131.2	130.5	129.4	126.0
130.6	127.9	-6.25°	137.2	136.0	134.8	133.4	131.1	129.3	128.5	127.1	124.0
133.1	130.5	-7.5°	135.4	134.1	132.8	131.1	129.0	127.4	126.4	124.7	121.8
135.4	132.8	-8.75°	133.4	132.0	130.7	128.9	126.9	125.4	124.3	122.3	119.7
137.6	134.6	-10°	131.4	129.9	128.4	126.6	124.7	123.2	122.0	120.0	117.6
139.7	136.2	-11.25°	129.5	127.8	126.0	124.3	122.5	121.0	119.6	117.6	115.4
141.8	137.8	-12.5°	127.6	125.9	124.1	122.2	120.2	118.6	117.0	115.3	113.3
143.6	139.5	-13.75°	125.6	124.0	122.1	120.2	118.3	116.4	114.6	113.0	111.2
145.3	141.2	-15°	123.6	122.0	120.0	118.1	116.2	114.4	112.5	110.8	108.9
146.7	142.9	-16.25°	121.5	119.8	117.9	116.0	114.1	112.3	110.3	108.6	106.6
147.7	144.3	-17.5°	119.4	117.5	115.6	113.7	111.9	110.0	108.0	106.2	104.3
148.5	145.1	-18.75°	116.9	115.1	113.2	111.4	109.7	107.5	105.6	103.7	101.9
149.3	145.9	-20°	114.3	112.6	110.8	109.0	107.1	105.0	103.0	101.2	99.5
149.6	146.5	-21.25°	111.7	110.1	108.3	106.6	104.4	102.2	100.3	98.7	97.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
149.6	147.0	-22.5°	109.2	107.5	105.8	103.9	101.5	99.3	97.7	96.1	94.4
149.6	147.1	-23.75°	106.5	104.9	103.2	101.0	98.7	96.7	94.9	93.4	91.9
149.7	147.1	-25°	103.7	102.1	100.2	98.1	95.9	94.2	92.5	90.8	89.3
150.4	147.2	-26.25°	100.8	99.1	97.2	95.1	93.4	91.8	90.1	88.4	86.8
151.8	147.3	-27.5°	97.8	96.0	94.1	92.3	90.9	89.4	87.8	86.1	84.5
153.2	148.0	-28.75°	94.7	92.8	91.0	89.7	88.4	86.9	85.3	83.7	82.3
154.0	148.9	-30°	91.8	89.7	88.3	87.2	85.9	84.4	82.8	81.4	80.0
154.5	149.5	-31.25°	88.8	87.1	85.8	84.6	83.2	81.7	80.3	78.9	77.7
153.8	149.8	-32.5°	86.0	84.6	83.3	81.9	80.4	79.0	77.7	76.5	75.2
152.8	149.9	-33.75°	83.2	81.9	80.6	79.1	77.6	76.3	75.1	73.9	73.0
151.9	149.4	-35°	80.3	79.0	77.6	76.2	74.8	73.5	72.4	71.4	70.7
151.1	148.5	-36.25°	77.3	76.0	74.7	73.3	71.9	70.7	69.7	68.9	68.3
150.3	147.6	-37.5°	74.1	72.9	71.6	70.2	68.9	67.8	67.1	66.4	65.9
149.7	146.9	-38.75°	70.9	69.6	68.2	66.9	65.7	64.9	64.4	63.9	63.3
149.0	146.2	-40°	67.3	65.9	64.6	63.4	62.6	61.9	61.5	61.2	60.7
147.9	145.1	-41.25°	63.3	62.0	60.9	60.0	59.3	58.8	58.6	58.3	58.0
146.6	143.9	-42.5°	59.0	58.0	57.1	56.4	55.8	55.8	55.7	55.5	55.0
145.3	142.7	-43.75°	54.6	53.9	53.2	52.7	52.8	52.9	52.8	52.5	51.8
144.1	141.4	-45°	50.4	49.7	49.4	49.7	49.9	50.0	49.9	49.4	48.7
142.9	140.0	-46.25°	46.4	46.3	46.4	46.7	47.0	47.0	46.9	46.4	45.7
141.8	138.7	-47.5°	43.4	43.5	43.5	43.8	44.1	44.2	44.0	43.6	43.6
140.6	137.4	-48.75°	40.5	40.6	40.8	41.2	41.4	41.5	41.4	41.4	41.4
139.5	136.0	-50°	37.7	38.0	38.4	38.7	38.9	39.0	39.2	39.3	39.3
138.3	134.6	-51.25°	35.1	35.5	35.9	36.3	36.6	36.8	36.9	37.1	37.2
136.3	132.7	-52.5°	32.4	32.8	33.3	33.8	34.3	34.5	34.7	35.0	35.2
134.3	130.7	-53.75°	29.5	30.0	30.6	31.2	31.9	32.3	32.6	32.9	33.1
132.2	128.6	-55°	26.5	27.1	27.8	28.7	29.5	30.0	30.4	30.7	31.2
130.0	126.5	-56.25°	23.3	24.5	25.6	26.5	27.2	27.8	28.3	28.9	29.4
128.3	125.1	-57.5°	21.4	22.5	23.4	24.3	25.1	25.9	26.5	27.1	27.6
126.5	123.6	-58.75°	19.5	20.5	21.5	22.5	23.3	24.1	24.8	25.4	26.0
124.6	122.0	-60°	17.8	18.9	19.9	20.8	21.6	22.4	23.1	23.8	24.4
122.8	120.4	-61.25°	16.4	17.4	18.3	19.2	20.1	20.9	21.5	22.2	22.8
121.0	118.7	-62.5°	15.0	16.0	17.0	17.9	18.7	19.4	20.0	20.7	21.3
119.1	116.9	-63.75°	13.9	14.9	15.8	16.7	17.4	18.1	18.6	19.2	19.8
117.3	115.0	-65°	13.0	13.9	14.7	15.5	16.1	16.8	17.3	17.8	18.4
115.3	113.1	-66.25°	12.0	12.8	13.6	14.3	14.9	15.5	16.0	16.5	17.0
113.3	111.2	-67.5°	11.1	11.8	12.5	13.2	13.8	14.3	14.8	15.3	15.8
111.2	109.1	-68.75°	10.2	10.9	11.5	12.1	12.7	13.2	13.7	14.1	14.5
109.1	107.0	-70°	9.3	9.9	10.6	11.1	11.6	12.1	12.6	13.0	13.4
106.9	104.7	-71.25°	8.5	9.1	9.6	10.1	10.6	11.1	11.5	11.9	12.2
104.7	102.3	-72.5°	7.7	8.2	8.7	9.2	9.6	10.1	10.4	10.8	11.1
102.4	100.1	-73.75°	6.9	7.4	7.8	8.3	8.7	9.1	9.4	9.7	10.0
100.0	97.7	-75°	6.2	6.5	7.0	7.4	7.7	8.1	8.4	8.7	8.9
97.5	95.4	-76.25°	5.4	5.7	6.1	6.4	6.8	7.1	7.4	7.6	7.8
95.1	93.1	-77.5°	4.6	4.9	5.2	5.6	5.9	6.1	6.4	6.6	6.8



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

45°	46.25°		33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°
92.6	90.9	-78.75°	4.0	4.2	4.5	4.7	5.0	5.2	5.4	5.6	5.7
90.2	88.7	-80°	3.3	3.5	3.7	4.0	4.2	4.3	4.5	4.6	4.8
87.8	86.5	-81.25°	2.8	2.9	3.1	3.3	3.5	3.6	3.8	3.9	4.0
85.5	84.3	-82.5°	2.2	2.3	2.5	2.7	2.8	2.9	3.1	3.2	3.3
83.2	82.0	-83.75°	1.7	1.8	1.9	2.0	2.2	2.3	2.4	2.5	2.6
81.0	79.8	-85°	1.3	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9
78.7	77.8	-86.25°	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2
76.6	75.8	-87.5°	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8
74.4	73.7	-88.75°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
72.3	71.6	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	69.4										
67.7	67.0										
65.2	64.7										
62.7	62.3										
60.2	59.4										
57.3	56.4										
54.1	53.3										
50.8	50.1										
47.6	47.8										
45.6	45.5										
43.5	43.4										
41.4	41.4										
39.4	39.5										
37.4	37.6										
35.4	35.6										
33.5	33.8										
31.7	32.0										
29.9	30.3										
28.1	28.6										
26.5	26.9										
24.9	25.3										
23.3	23.8										
21.8	22.2										
20.3	20.7										
18.9	19.3										
17.5	18.0										
16.2	16.7										
15.0	15.4										
13.8	14.1										
12.6	12.9										
11.4	11.7										
10.3	10.5										
9.1	9.3										
8.0	8.2										
6.9	7.1										



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

45°	46.25°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
5.9	6.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	5.1	88.75°	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.3
4.2	4.3	87.5°	3.6	3.5	3.3	3.2	3.1	2.9	2.8	2.7	2.6
3.4	3.5	86.25°	5.5	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8
2.7	2.7	85°	8.7	8.2	7.8	7.4	7.0	6.6	6.2	5.8	5.4
1.9	2.0	83.75°	11.8	11.3	10.8	10.3	9.8	9.3	8.8	8.3	7.7
1.2	1.2	82.5°	15.0	14.4	13.8	13.2	12.6	11.9	11.3	10.7	10.1
0.8	0.8	81.25°	18.8	18.0	17.3	16.5	15.6	14.8	13.9	13.2	12.4
0.4	0.4	80°	22.5	21.7	20.9	20.0	19.1	18.2	17.2	16.2	15.2
0.0	0.0	78.75°	26.4	25.4	24.5	23.6	22.7	21.7	20.6	19.4	18.2
		77.5°	31.1	29.9	28.7	27.4	26.2	25.1	23.9	22.6	21.3
		76.25°	35.9	34.5	33.1	31.7	30.3	28.9	27.4	25.8	24.3
		75°	40.6	39.0	37.4	35.9	34.3	32.8	31.1	29.3	27.6
		73.75°	45.5	43.7	41.9	40.1	38.4	36.7	34.7	32.8	30.9
		72.5°	50.3	48.4	46.5	44.6	42.6	40.6	38.3	36.2	34.2
		71.25°	55.1	53.1	51.1	49.1	47.0	44.8	42.3	39.8	37.4
		70°	59.4	57.5	55.6	53.5	51.3	48.9	46.2	43.5	40.9
		68.75°	63.7	61.7	59.7	57.6	55.5	53.0	50.1	47.2	44.4
		67.5°	68.0	65.9	63.8	61.6	59.3	56.7	53.8	50.8	47.8
		66.25°	73.0	70.4	67.8	65.5	63.2	60.2	57.2	54.2	51.2
		65°	77.9	75.0	72.3	69.6	66.9	63.8	60.7	57.5	54.4
		63.75°	82.7	79.6	76.6	73.7	70.7	67.3	64.0	60.8	57.5
		62.5°	87.2	84.0	80.9	77.7	74.4	70.9	67.4	64.0	60.6
		61.25°	91.5	88.3	85.1	81.7	78.0	74.4	70.8	67.2	63.7
		60°	95.9	92.6	89.3	85.7	81.7	77.9	74.1	70.4	66.7
		58.75°	99.8	96.9	93.4	89.6	85.4	81.3	77.3	73.5	69.6
		57.5°	103.5	100.5	97.4	93.4	89.0	84.8	80.6	76.5	72.5
		56.25°	107.2	104.2	100.9	96.8	92.5	88.1	83.8	79.5	75.4
		55°	111.0	107.8	104.2	100.0	95.8	91.4	86.9	82.4	78.1
		53.75°	115.0	111.6	107.4	103.2	98.8	94.4	89.9	85.3	80.8
		52.5°	119.0	115.3	110.7	106.3	101.8	97.3	92.7	88.1	83.5
		51.25°	122.9	118.6	113.8	109.2	104.8	100.2	95.5	90.8	86.0
		50°	125.3	121.6	116.8	112.0	107.5	103.1	98.3	93.4	88.5
		48.75°	127.3	123.4	119.5	114.7	110.0	105.6	101.0	96.1	91.0
		47.5°	129.2	125.3	121.2	117.2	112.4	107.8	103.4	98.7	93.5
		46.25°	130.9	127.0	123.0	118.9	114.6	109.9	105.4	101.1	95.9
		45°	132.5	128.7	124.7	120.5	116.3	111.8	107.2	102.8	98.2
		43.75°	134.0	130.2	126.3	122.1	117.8	113.5	108.9	104.4	99.9
		42.5°	135.5	131.6	127.6	123.6	119.3	114.9	110.5	106.0	101.4
		41.25°	137.1	133.0	129.0	124.9	120.7	116.3	111.8	107.5	102.9
		40°	138.7	134.5	130.3	126.2	122.0	117.6	113.2	108.9	104.3
		38.75°	140.2	135.9	131.6	127.4	123.2	119.0	114.6	110.1	105.7
		37.5°	141.7	137.3	133.0	128.6	124.3	120.1	115.8	111.3	106.9
		36.25°	142.5	138.7	134.3	129.8	125.5	121.3	117.0	112.5	108.0
		35°	143.1	139.8	135.5	131.0	126.6	122.3	118.0	113.5	109.0



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

58.75°	60°		47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°
0.0	0.0	33.75°	143.7	140.3	136.7	132.3	127.8	123.3	118.9	114.5	110.0
1.2	1.1	32.5°	144.2	140.7	137.5	133.5	128.9	124.3	119.8	115.4	110.9
2.4	2.3	31.25°	144.4	141.1	137.9	134.7	130.1	125.3	120.7	116.2	111.7
3.6	3.4	30°	144.4	141.3	138.1	135.2	131.2	126.3	121.5	117.0	112.4
5.0	4.6	28.75°	144.4	141.3	138.2	135.4	132.2	127.3	122.3	117.7	113.1
7.2	6.7	27.5°	144.4	141.3	138.1	135.3	132.8	128.3	123.2	118.3	113.7
9.5	8.9	26.25°	144.5	141.3	138.0	135.1	132.7	129.2	124.1	118.9	114.2
11.7	11.0	25°	144.9	141.4	137.9	134.8	132.5	130.1	124.9	119.6	114.7
14.1	13.1	23.75°	145.3	141.4	137.9	134.3	132.1	130.1	125.6	120.3	114.9
17.1	15.9	22.5°	145.5	141.5	137.9	134.2	131.6	129.7	126.4	120.5	115.0
20.0	18.7	21.25°	145.4	141.5	137.9	134.1	131.0	129.1	126.4	120.6	115.0
22.9	21.4	20°	145.1	141.4	137.9	134.0	130.1	128.1	125.9	120.6	115.0
25.8	24.2	18.75°	144.5	141.0	137.9	133.7	129.5	127.0	124.9	120.4	114.9
29.0	27.1	17.5°	143.7	140.4	137.2	133.3	129.0	126.0	123.8	120.1	114.7
32.1	30.1	16.25°	142.8	139.4	136.3	132.7	128.5	124.9	122.7	119.7	114.4
35.2	33.0	15°	141.7	138.4	135.4	132.1	127.9	123.9	121.6	119.2	114.0
38.3	35.9	13.75°	140.5	137.1	134.3	131.5	127.2	122.9	120.6	118.2	113.5
41.6	38.9	12.5°	139.3	135.9	133.1	130.6	126.5	122.2	119.5	117.1	112.9
44.9	42.0	11.25°	138.1	134.6	131.9	129.4	125.7	121.4	118.4	116.0	112.2
48.1	45.0	10°	136.8	133.3	130.5	128.3	124.9	120.6	117.2	114.8	111.3
51.2	48.0	8.75°	135.4	132.0	129.1	127.0	124.0	119.7	116.1	113.6	110.4
54.2	50.9	7.5°	134.0	130.6	127.6	125.7	123.1	118.8	115.0	112.5	109.4
57.2	53.8	6.25°	132.5	129.1	126.0	124.3	121.9	117.7	114.0	111.3	108.2
60.1	56.6	5°	130.9	127.7	124.7	122.7	120.3	116.6	113.1	110.1	107.0
63.0	59.4	3.75°	129.1	126.2	123.4	121.1	118.5	115.3	112.1	108.9	105.6
65.8	62.1	2.5°	127.1	124.6	122.2	119.5	116.7	113.9	111.2	107.7	104.2
68.6	64.7	1.25°	125.1	123.0	120.9	117.9	114.8	112.5	110.2	106.5	102.7
71.3	67.3	0°	123.0	121.3	119.6	116.2	112.8	111.0	109.2	105.2	101.2
73.9	69.8	-1.25°	121.8	120.0	118.2	114.9	111.7	109.8	107.8	104.1	100.3
76.5	72.2	-2.5°	120.6	118.7	116.8	113.6	110.5	108.5	106.4	102.9	99.4
79.0	74.7	-3.75°	119.4	117.4	115.3	112.3	109.3	107.2	105.0	101.7	98.4
81.4	77.0	-5°	118.1	116.0	113.8	110.9	108.0	105.8	103.5	100.4	97.4
83.7	79.2	-6.25°	116.5	114.4	112.2	109.4	106.7	104.4	102.0	99.2	96.3
86.0	81.4	-7.5°	114.7	112.5	110.3	107.7	105.1	102.9	100.5	97.9	95.1
88.4	83.5	-8.75°	112.8	110.6	108.4	105.9	103.5	101.3	99.0	96.5	93.8
90.7	85.6	-10°	110.9	108.7	106.4	104.0	101.8	99.7	97.4	95.0	92.3
92.8	87.6	-11.25°	108.9	106.6	104.4	102.2	100.1	98.1	95.8	93.5	90.8
94.8	89.5	-12.5°	106.8	104.5	102.4	100.3	98.3	96.4	94.2	91.9	89.3
96.7	91.3	-13.75°	104.6	102.4	100.4	98.4	96.6	94.7	92.5	90.3	87.8
98.1	93.0	-15°	102.3	100.2	98.3	96.5	94.8	93.0	90.9	88.7	86.3
99.5	94.6	-16.25°	100.0	98.0	96.3	94.6	93.0	91.2	89.2	87.0	84.7
100.8	95.9	-17.5°	97.6	95.9	94.2	92.7	91.2	89.4	87.4	85.4	83.2
102.1	97.1	-18.75°	95.6	93.9	92.2	90.8	89.3	87.5	85.6	83.7	81.6
103.4	98.3	-20°	93.6	91.9	90.4	88.9	87.5	85.7	83.9	82.0	80.0
104.5	99.5	-21.25°	91.5	89.9	88.5	87.2	85.6	83.8	82.1	80.3	78.4



REPORT NUMBER: P394885 (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°
105.4	100.6	-22.5°	89.4	87.9	86.7	85.4	83.8	82.1	80.3	78.6	76.8
106.3	101.7	-23.75°	87.3	86.0	84.9	83.6	82.0	80.4	78.6	76.9	75.1
107.1	102.5	-25°	85.2	84.1	83.0	81.8	80.2	78.6	77.0	75.3	73.5
107.8	103.2	-26.25°	83.1	82.1	81.2	79.9	78.5	76.9	75.2	73.6	71.8
108.4	103.8	-27.5°	81.1	80.2	79.2	78.0	76.7	75.1	73.5	71.9	70.1
109.0	104.3	-28.75°	79.1	78.3	77.3	76.1	74.8	73.2	71.7	70.1	68.5
109.6	104.7	-30°	77.1	76.3	75.4	74.3	72.8	71.3	69.8	68.4	66.8
109.8	105.0	-31.25°	75.1	74.3	73.4	72.3	70.9	69.4	68.0	66.6	65.1
110.0	105.2	-32.5°	73.1	72.3	71.5	70.2	68.8	67.4	66.2	64.8	63.4
110.1	105.3	-33.75°	70.9	70.2	69.5	68.1	66.7	65.5	64.3	63.0	61.7
110.1	105.4	-35°	68.7	68.1	67.1	65.9	64.6	63.6	62.5	61.3	60.0
110.0	105.3	-36.25°	66.4	65.6	64.6	63.6	62.6	61.7	60.6	59.5	58.3
109.9	105.2	-37.5°	64.1	63.0	62.0	61.2	60.6	59.7	58.8	57.8	56.7
109.6	105.0	-38.75°	61.3	60.3	59.4	59.0	58.5	57.8	57.0	56.0	55.0
109.3	104.7	-40°	58.4	57.5	57.0	56.7	56.3	55.9	55.2	54.3	53.3
109.0	104.4	-41.25°	55.5	54.9	54.8	54.6	54.3	53.9	53.4	52.5	51.6
108.5	104.0	-42.5°	52.6	52.7	52.6	52.4	52.2	51.9	51.5	50.8	49.9
108.0	103.5	-43.75°	50.3	50.4	50.4	50.3	50.2	50.0	49.6	49.0	48.2
107.4	103.0	-45°	48.0	48.2	48.3	48.3	48.2	48.0	47.7	47.2	46.5
106.7	102.3	-46.25°	45.8	46.0	46.2	46.3	46.2	46.1	45.8	45.4	44.8
106.0	101.7	-47.5°	43.7	44.0	44.2	44.3	44.3	44.2	43.9	43.6	43.1
105.1	101.0	-48.75°	41.6	41.9	42.2	42.3	42.4	42.3	42.1	41.8	41.4
104.2	100.3	-50°	39.6	39.9	40.2	40.4	40.5	40.5	40.3	40.1	39.7
103.2	99.6	-51.25°	37.7	38.0	38.3	38.5	38.6	38.7	38.6	38.4	38.0
102.2	98.8	-52.5°	35.9	36.1	36.5	36.7	36.9	36.9	36.8	36.6	36.2
101.1	97.9	-53.75°	34.1	34.3	34.6	34.9	35.1	35.2	35.1	34.8	34.4
99.9	97.0	-55°	32.3	32.6	32.9	33.2	33.4	33.4	33.3	33.1	32.7
98.7	96.1	-56.25°	30.6	30.9	31.1	31.5	31.6	31.7	31.6	31.3	31.0
97.7	95.0	-57.5°	29.0	29.3	29.5	29.7	29.9	30.0	29.9	29.7	29.4
96.6	93.9	-58.75°	27.3	27.6	27.9	28.1	28.2	28.3	28.2	28.1	27.9
95.5	92.7	-60°	25.7	26.0	26.3	26.4	26.6	26.7	26.7	26.6	26.4
94.4	91.5	-61.25°	24.1	24.5	24.7	24.8	25.0	25.1	25.1	25.0	24.9
93.2	90.3	-62.5°	22.6	22.9	23.2	23.3	23.5	23.6	23.6	23.6	23.5
92.0	89.0	-63.75°	21.1	21.4	21.7	21.9	22.0	22.1	22.2	22.1	22.1
90.7	87.8	-65°	19.7	20.0	20.3	20.5	20.6	20.7	20.7	20.7	20.7
89.4	86.6	-66.25°	18.3	18.7	18.9	19.0	19.1	19.2	19.3	19.3	19.3
88.0	85.3	-67.5°	17.0	17.3	17.5	17.6	17.7	17.8	17.9	17.9	17.8
86.6	84.1	-68.75°	15.7	16.0	16.1	16.3	16.3	16.4	16.5	16.4	16.3
85.2	82.8	-70°	14.4	14.6	14.8	14.9	15.0	15.0	15.0	15.0	14.9
83.8	81.4	-71.25°	13.2	13.4	13.5	13.6	13.6	13.6	13.6	13.6	13.4
82.4	80.1	-72.5°	11.9	12.1	12.2	12.3	12.3	12.2	12.2	12.2	12.2
80.9	78.7	-73.75°	10.7	10.8	10.9	11.0	11.0	11.0	11.0	11.0	10.9
79.4	77.3	-75°	9.5	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.7
77.9	75.8	-76.25°	8.3	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.5
76.4	74.3	-77.5°	7.2	7.3	7.4	7.4	7.4	7.4	7.5	7.5	7.5



REPORT NUMBER: P394885 (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°
74.8	72.8	-78.75°	6.1	6.2	6.3	6.4	6.4	6.5	6.5	6.5	6.5
73.2	71.3	-80°	5.2	5.3	5.4	5.4	5.5	5.5	5.5	5.5	5.4
71.6	69.7	-81.25°	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5
69.9	68.1	-82.5°	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
68.4	66.5	-83.75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
66.8	65.0	-85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
65.2	63.4	-86.25°	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
63.5	61.9	-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
61.9	60.4	-88.75°	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
60.3	58.8	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	57.2										
57.1	55.7										
55.4	54.1										
53.8	52.5										
52.1	50.9										
50.5	49.3										
48.9	47.8										
47.2	46.2										
45.6	44.6										
44.0	43.1										
42.4	41.5										
40.8	39.8										
39.1	38.1										
37.3	36.5										
35.6	34.8										
33.8	33.2										
32.2	31.7										
30.6	30.1										
29.1	28.6										
27.6	27.1										
26.1	25.8										
24.7	24.4										
23.3	23.1										
22.0	21.8										
20.6	20.3										
19.1	18.8										
17.6	17.3										
16.1	15.8										
14.6	14.4										
13.3	13.1										
12.0	11.9										
10.8	10.7										
9.6	9.4										
8.5	8.4										
7.4	7.4										



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

58.75°	60°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
6.4	6.3	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	5.3	88.75°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6
4.5	4.4	87.5°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.3
3.6	3.6	86.25°	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.1	1.9
2.8	2.7	85°	4.3	4.1	3.9	3.6	3.4	3.2	3.0	2.8	2.6
1.9	1.9	83.75°	6.2	5.7	5.2	4.7	4.3	4.0	3.7	3.5	3.2
1.4	1.4	82.5°	8.3	7.7	7.1	6.5	5.9	5.3	4.8	4.2	3.8
0.9	0.9	81.25°	10.3	9.6	8.9	8.2	7.5	6.8	6.1	5.5	4.9
0.5	0.5	80°	12.3	11.5	10.7	9.9	9.1	8.3	7.5	6.8	6.0
0.0	0.0	78.75°	14.8	13.6	12.5	11.6	10.7	9.8	8.9	8.0	7.2
		77.5°	17.4	16.1	14.9	13.6	12.3	11.2	10.3	9.3	8.4
		76.25°	20.0	18.6	17.2	15.8	14.4	13.0	11.6	10.5	9.5
		75°	22.6	21.1	19.5	18.0	16.5	14.9	13.4	11.9	10.6
		73.75°	25.3	23.5	21.9	20.2	18.6	16.9	15.2	13.6	12.0
		72.5°	28.1	26.1	24.2	22.4	20.6	18.8	17.1	15.3	13.6
		71.25°	30.9	28.8	26.7	24.6	22.7	20.8	18.9	17.0	15.2
		70°	33.6	31.3	29.1	26.9	24.8	22.7	20.7	18.7	16.7
		68.75°	36.3	33.9	31.5	29.2	26.9	24.7	22.5	20.4	18.3
		67.5°	39.2	36.5	33.9	31.5	29.0	26.7	24.3	22.1	19.9
		66.25°	42.1	39.2	36.3	33.7	31.1	28.6	26.1	23.7	21.4
		65°	44.9	41.8	38.8	35.9	33.2	30.5	27.9	25.4	22.9
		63.75°	47.6	44.4	41.3	38.2	35.2	32.4	29.7	27.0	24.4
		62.5°	50.3	46.9	43.6	40.4	37.3	34.3	31.4	28.7	25.9
		61.25°	53.0	49.5	46.0	42.6	39.4	36.2	33.1	30.2	27.4
		60°	55.7	52.0	48.3	44.8	41.4	38.1	34.9	31.8	28.8
		58.75°	58.3	54.5	50.7	46.9	43.3	39.9	36.6	33.3	30.3
		57.5°	60.9	56.9	53.0	49.1	45.3	41.7	38.2	34.9	31.6
		56.25°	63.3	59.3	55.3	51.3	47.3	43.4	39.9	36.4	33.0
		55°	65.7	61.6	57.5	53.4	49.3	45.2	41.4	37.9	34.4
		53.75°	68.1	63.9	59.7	55.4	51.2	47.0	43.0	39.3	35.7
		52.5°	70.4	66.2	61.8	57.4	53.1	48.8	44.6	40.7	37.0
		51.25°	72.7	68.4	63.9	59.4	55.0	50.6	46.2	42.0	38.2
		50°	74.9	70.5	66.0	61.4	56.8	52.3	47.8	43.4	39.5
		48.75°	76.9	72.6	68.0	63.4	58.6	54.0	49.4	44.9	40.6
		47.5°	78.9	74.5	70.0	65.3	60.4	55.6	50.9	46.3	41.8
		46.25°	80.8	76.2	71.8	67.1	62.2	57.2	52.4	47.7	43.1
		45°	82.6	78.0	73.4	69.0	63.9	58.9	53.8	49.1	44.4
		43.75°	84.4	79.6	75.0	70.5	65.6	60.5	55.3	50.4	45.6
		42.5°	86.2	81.2	76.5	71.9	67.3	62.0	56.7	51.6	46.8
		41.25°	87.8	82.7	77.9	73.3	68.8	63.6	58.1	52.8	47.9
		40°	89.3	84.2	79.2	74.5	70.0	65.0	59.5	54.0	49.0
		38.75°	90.7	85.5	80.5	75.8	71.1	66.4	60.7	55.2	50.0
		37.5°	92.0	86.7	81.7	76.9	72.2	67.5	62.0	56.4	51.0
		36.25°	93.1	87.9	82.8	77.9	73.2	68.4	63.1	57.5	51.9
		35°	94.2	88.9	83.8	78.9	74.1	69.2	64.2	58.5	52.9



REPORT NUMBER: P394885 (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°
0.0	0.0	33.75°	95.3	89.9	84.7	79.8	74.9	70.0	65.2	59.5	53.8
0.6	0.5	32.5°	96.3	90.8	85.6	80.6	75.7	70.8	65.9	60.4	54.7
1.2	1.1	31.25°	97.3	91.8	86.4	81.4	76.5	71.5	66.6	61.2	55.5
1.8	1.6	30°	98.2	92.6	87.1	82.1	77.2	72.2	67.2	62.0	56.3
2.4	2.2	28.75°	99.1	93.4	87.9	82.8	77.8	72.8	67.8	62.8	57.0
2.9	2.7	27.5°	99.5	94.1	88.6	83.4	78.3	73.4	68.3	63.3	57.7
3.5	3.2	26.25°	99.9	94.7	89.2	83.9	78.9	73.9	68.8	63.8	58.3
4.3	3.8	25°	100.2	95.2	89.7	84.4	79.3	74.3	69.3	64.2	58.8
5.3	4.7	23.75°	100.4	95.6	90.2	84.8	79.7	74.7	69.7	64.6	59.3
6.4	5.6	22.5°	100.5	95.8	90.5	85.2	80.1	75.1	70.1	65.0	59.8
7.5	6.6	21.25°	100.6	95.9	90.8	85.5	80.4	75.4	70.4	65.3	60.2
8.5	7.5	20°	100.6	95.9	91.0	85.7	80.6	75.6	70.6	65.5	60.5
9.5	8.5	18.75°	100.5	95.9	91.1	85.9	80.8	75.8	70.9	65.8	60.7
10.6	9.4	17.5°	100.4	95.8	91.1	86.0	80.9	75.9	71.0	65.9	60.8
11.8	10.3	16.25°	100.2	95.6	91.0	86.0	81.0	76.0	71.1	66.1	61.0
13.3	11.5	15°	100.0	95.4	90.8	85.9	81.0	76.1	71.2	66.1	61.0
14.8	12.8	13.75°	99.6	95.1	90.6	85.8	80.9	76.1	71.2	66.2	61.1
16.2	14.2	12.5°	99.2	94.8	90.3	85.6	80.8	76.0	71.1	66.2	61.1
17.7	15.5	11.25°	98.7	94.4	90.0	85.4	80.6	75.8	71.0	66.2	61.1
19.1	16.8	10°	98.2	93.9	89.6	85.0	80.2	75.4	70.8	66.1	61.0
20.5	18.1	8.75°	97.6	93.5	89.1	84.6	79.8	75.0	70.6	66.1	60.9
21.9	19.4	7.5°	97.0	93.0	88.6	84.1	79.3	74.5	70.3	65.9	60.8
23.3	20.6	6.25°	96.4	92.5	88.1	83.6	78.8	74.0	69.9	65.8	60.6
24.6	21.8	5°	95.8	91.9	87.5	83.0	78.2	73.4	69.5	65.5	60.4
26.0	23.0	3.75°	95.0	91.3	86.9	82.4	77.6	72.8	69.1	65.3	60.2
27.3	24.2	2.5°	94.3	90.6	86.2	81.8	76.9	72.1	68.6	65.0	59.9
28.5	25.4	1.25°	93.5	89.9	85.5	81.1	76.2	71.4	68.0	64.7	59.6
29.8	26.5	0°	92.6	89.1	84.7	80.3	75.5	70.7	67.5	64.3	59.2
31.0	27.7	-1.25°	91.6	88.3	84.0	79.8	75.0	70.3	67.0	63.8	58.8
32.2	28.7	-2.5°	90.6	87.4	83.3	79.2	74.5	69.9	66.5	63.2	58.3
33.4	29.8	-3.75°	89.6	86.4	82.5	78.5	74.0	69.5	66.0	62.6	57.8
34.5	30.9	-5°	88.5	85.5	81.7	77.8	73.4	69.0	65.5	61.9	57.3
35.7	31.9	-6.25°	87.5	84.5	80.9	77.1	72.8	68.5	64.9	61.3	56.8
36.8	32.9	-7.5°	86.3	83.4	80.0	76.4	72.1	67.9	64.2	60.5	56.2
37.9	34.0	-8.75°	85.2	82.4	79.1	75.6	71.4	67.3	63.6	59.8	55.6
38.9	34.9	-10°	84.0	81.3	78.2	74.7	70.7	66.6	62.9	59.1	54.9
40.0	35.9	-11.25°	82.9	80.1	77.1	73.8	69.9	65.9	62.1	58.3	54.3
41.0	36.8	-12.5°	81.6	78.9	76.0	72.7	69.0	65.1	61.3	57.5	53.6
42.1	37.7	-13.75°	80.4	77.7	74.9	71.6	67.9	64.2	60.4	56.7	52.9
43.1	38.6	-15°	79.1	76.4	73.7	70.4	66.9	63.3	59.6	55.9	52.2
44.1	39.4	-16.25°	77.8	75.2	72.5	69.2	65.8	62.3	58.7	55.1	51.5
45.1	40.3	-17.5°	76.4	73.9	71.2	68.0	64.7	61.3	57.8	54.3	50.8
46.0	41.2	-18.75°	75.0	72.5	69.9	66.8	63.6	60.3	56.9	53.5	50.0
46.9	42.0	-20°	73.6	71.2	68.6	65.6	62.5	59.3	56.0	52.6	49.2
47.7	42.8	-21.25°	72.1	69.8	67.2	64.4	61.4	58.2	55.0	51.7	48.4

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**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°
48.5	43.5	-22.5°	70.7	68.4	65.9	63.1	60.2	57.2	54.0	50.8	47.5
49.3	44.2	-23.75°	69.2	67.0	64.5	61.9	59.1	56.1	53.0	49.9	46.6
50.0	44.9	-25°	67.7	65.6	63.2	60.6	57.9	55.0	52.0	48.9	45.7
50.6	45.5	-26.25°	66.2	64.1	61.8	59.3	56.7	53.9	51.0	48.0	44.7
51.3	46.1	-27.5°	64.7	62.6	60.4	58.0	55.5	52.8	49.9	47.0	43.8
52.0	46.6	-28.75°	63.1	61.2	59.1	56.8	54.3	51.6	48.9	46.0	42.8
52.5	47.1	-30°	61.6	59.7	57.7	55.4	53.1	50.5	47.8	44.9	41.8
53.1	47.6	-31.25°	60.1	58.3	56.3	54.1	51.9	49.3	46.6	43.9	40.9
53.6	48.0	-32.5°	58.6	56.9	54.9	52.8	50.6	48.1	45.5	42.8	39.9
54.0	48.4	-33.75°	57.2	55.4	53.5	51.5	49.3	46.9	44.4	41.7	38.9
54.4	48.7	-35°	55.7	54.0	52.2	50.2	48.0	45.6	43.2	40.6	37.9
54.7	49.1	-36.25°	54.2	52.5	50.8	48.9	46.7	44.4	42.0	39.5	36.9
55.0	49.4	-37.5°	52.7	51.1	49.4	47.5	45.4	43.1	40.9	38.4	35.9
55.3	49.7	-38.75°	51.1	49.6	48.0	46.1	44.0	41.9	39.7	37.3	34.8
55.5	49.9	-40°	49.6	48.2	46.6	44.7	42.7	40.6	38.5	36.2	33.8
55.7	50.1	-41.25°	48.1	46.7	45.1	43.3	41.3	39.4	37.3	35.1	32.7
55.8	50.2	-42.5°	46.6	45.2	43.6	41.8	40.0	38.1	36.2	34.0	31.7
55.8	50.3	-43.75°	45.1	43.7	42.1	40.4	38.7	36.9	35.0	32.9	30.6
55.9	50.4	-45°	43.5	42.1	40.6	39.0	37.4	35.7	33.8	31.7	29.5
55.8	50.4	-46.25°	41.9	40.5	39.1	37.6	36.1	34.4	32.6	30.6	28.5
55.7	50.4	-47.5°	40.3	39.0	37.6	36.2	34.8	33.2	31.4	29.4	27.4
55.6	50.4	-48.75°	38.7	37.4	36.2	34.9	33.5	31.9	30.2	28.3	26.4
55.5	50.3	-50°	37.0	35.9	34.8	33.5	32.2	30.7	29.0	27.2	25.4
55.3	50.2	-51.25°	35.4	34.4	33.4	32.2	30.9	29.4	27.8	26.1	24.4
55.0	50.0	-52.5°	33.9	33.0	32.0	30.8	29.6	28.2	26.6	25.0	23.4
54.8	49.8	-53.75°	32.4	31.6	30.6	29.5	28.3	27.0	25.5	23.9	22.4
54.4	49.6	-55°	31.0	30.1	29.2	28.2	27.1	25.8	24.3	22.9	21.3
54.1	49.3	-56.25°	29.5	28.7	27.9	27.0	25.9	24.6	23.2	21.8	20.3
53.8	49.0	-57.5°	28.1	27.4	26.7	25.7	24.6	23.4	22.0	20.7	19.3
53.4	48.7	-58.75°	26.8	26.2	25.4	24.5	23.4	22.1	20.9	19.6	18.3
53.1	48.3	-60°	25.5	24.9	24.2	23.2	22.1	20.9	19.7	18.5	17.3
52.6	48.0	-61.25°	24.2	23.7	22.9	21.8	20.8	19.7	18.5	17.5	16.4
52.2	47.6	-62.5°	22.9	22.4	21.4	20.5	19.5	18.4	17.4	16.4	15.4
51.7	47.1	-63.75°	21.5	20.9	20.0	19.1	18.2	17.3	16.4	15.4	14.4
51.2	46.7	-65°	19.9	19.4	18.6	17.7	16.9	16.1	15.3	14.4	13.4
50.7	46.2	-66.25°	18.4	17.9	17.1	16.4	15.8	15.0	14.2	13.4	12.4
50.1	45.6	-67.5°	16.9	16.4	15.8	15.3	14.6	13.9	13.2	12.3	11.6
49.5	45.1	-68.75°	15.4	15.0	14.6	14.1	13.5	12.8	12.1	11.4	10.7
48.9	44.5	-70°	14.1	13.8	13.4	12.9	12.3	11.7	11.1	10.5	9.8
48.2	43.9	-71.25°	12.9	12.6	12.2	11.8	11.2	10.7	10.2	9.6	8.9
47.5	43.3	-72.5°	11.7	11.4	11.1	10.7	10.2	9.8	9.2	8.7	8.0
46.8	42.6	-73.75°	10.4	10.2	10.0	9.6	9.2	8.8	8.3	7.7	7.2
46.1	42.0	-75°	9.3	9.2	8.9	8.6	8.2	7.8	7.3	6.8	6.4
45.3	41.3	-76.25°	8.3	8.1	7.9	7.6	7.3	6.9	6.4	6.1	5.7
44.5	40.6	-77.5°	7.2	7.1	6.9	6.6	6.3	6.0	5.7	5.3	5.0

REPORT NUMBER: P394885 (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°
43.7	39.9	-78.75°	6.2	6.1	5.9	5.7	5.5	5.2	4.9	4.6	4.3
42.9	39.2	-80°	5.2	5.1	5.0	4.9	4.6	4.4	4.1	3.9	3.6
42.1	38.4	-81.25°	4.4	4.3	4.2	4.0	3.8	3.6	3.4	3.1	2.9
41.2	37.7	-82.5°	3.5	3.4	3.3	3.2	3.0	2.8	2.6	2.4	2.3
40.4	36.9	-83.75°	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	1.9
39.5	36.1	-85°	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5
38.6	35.3	-86.25°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
37.7	34.5	-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
36.8	33.7	-88.75°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
35.9	32.9	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	32.0										
34.1	31.1										
33.1	30.3										
32.2	29.4										
31.2	28.6										
30.2	27.8										
29.2	26.9										
28.2	26.1										
27.3	25.3										
26.4	24.5										
25.5	23.6										
24.6	22.7										
23.6	21.9										
22.7	21.0										
21.8	20.1										
20.8	19.2										
19.8	18.3										
18.9	17.4										
18.0	16.5										
17.0	15.7										
16.1	14.8										
15.2	13.9										
14.2	13.0										
13.3	12.2										
12.4	11.4										
11.6	10.6										
10.7	9.8										
9.9	9.0										
9.0	8.2										
8.2	7.4										
7.4	6.7										
6.6	6.1										
5.9	5.5										
5.3	4.9										
4.6	4.2										



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

72.5°	73.75°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
4.0	3.6	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	3.0	88.75°	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1
2.6	2.4	87.5°	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.3
2.2	2.1	86.25°	1.5	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4
1.8	1.7	85°	2.0	1.8	1.6	1.4	1.2	1.0	0.9	0.7	0.5
1.4	1.4	83.75°	2.5	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7
1.1	1.0	82.5°	2.9	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8
0.7	0.7	81.25°	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	0.9
0.4	0.3	80°	4.0	3.5	3.1	2.7	2.4	2.0	1.7	1.4	1.1
0.0	0.0	78.75°	4.9	4.1	3.5	3.1	2.7	2.3	1.9	1.5	1.2
		77.5°	5.7	4.9	4.1	3.4	3.0	2.5	2.1	1.7	1.3
		76.25°	6.6	5.7	4.8	3.9	3.2	2.8	2.3	1.9	1.5
		75°	7.5	6.5	5.5	4.6	3.6	3.0	2.5	2.0	1.6
		73.75°	8.3	7.3	6.3	5.2	4.2	3.3	2.7	2.2	1.7
		72.5°	9.2	8.1	7.0	5.9	4.8	3.7	2.9	2.4	1.9
		71.25°	10.0	8.8	7.7	6.5	5.3	4.1	3.1	2.5	2.0
		70°	10.9	9.6	8.3	7.1	5.9	4.6	3.4	2.7	2.1
		68.75°	12.2	10.3	9.0	7.7	6.4	5.1	3.8	2.9	2.2
		67.5°	13.4	11.4	9.7	8.3	7.0	5.6	4.2	3.0	2.4
		66.25°	14.6	12.4	10.4	8.9	7.5	6.0	4.6	3.2	2.5
		65°	15.7	13.5	11.3	9.5	8.0	6.5	5.0	3.5	2.6
		63.75°	16.9	14.5	12.2	10.1	8.5	7.0	5.4	3.8	2.7
		62.5°	18.0	15.5	13.1	10.9	9.1	7.4	5.8	4.2	2.8
		61.25°	19.1	16.5	14.0	11.6	9.6	7.9	6.2	4.5	2.9
		60°	20.2	17.4	14.9	12.4	10.1	8.3	6.5	4.8	3.1
		58.75°	21.2	18.4	15.7	13.1	10.7	8.7	6.9	5.1	3.3
		57.5°	22.3	19.3	16.5	13.9	11.3	9.2	7.3	5.4	3.5
		56.25°	23.4	20.2	17.3	14.6	12.0	9.6	7.6	5.7	3.8
		55°	24.4	21.2	18.1	15.3	12.6	10.0	8.0	6.0	4.0
		53.75°	25.4	22.1	18.9	15.9	13.2	10.5	8.4	6.3	4.2
		52.5°	26.4	23.0	19.6	16.6	13.7	11.0	8.7	6.6	4.5
		51.25°	27.3	23.8	20.4	17.2	14.3	11.5	9.0	6.9	4.7
		50°	28.2	24.7	21.2	17.8	14.8	12.0	9.4	7.1	4.9
		48.75°	29.1	25.5	21.9	18.4	15.4	12.4	9.7	7.4	5.1
		47.5°	30.0	26.3	22.6	19.1	15.9	12.9	10.0	7.6	5.3
		46.25°	30.9	27.1	23.4	19.7	16.4	13.3	10.4	7.9	5.5
		45°	31.8	27.8	24.0	20.3	16.8	13.7	10.8	8.1	5.7
		43.75°	32.7	28.6	24.7	20.9	17.3	14.1	11.1	8.4	5.9
		42.5°	33.5	29.3	25.3	21.5	17.8	14.5	11.4	8.6	6.1
		41.25°	34.3	30.0	26.0	22.0	18.2	14.9	11.8	8.8	6.2
		40°	35.1	30.8	26.6	22.6	18.7	15.3	12.1	9.0	6.4
		38.75°	35.8	31.4	27.1	23.1	19.1	15.6	12.4	9.2	6.6
		37.5°	36.6	32.1	27.7	23.6	19.6	15.9	12.7	9.4	6.7
		36.25°	37.3	32.8	28.3	24.1	20.0	16.2	12.9	9.6	6.9
		35°	37.9	33.4	28.8	24.5	20.4	16.5	13.2	9.9	7.0



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**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
0.0	0.0	33.75°	38.6	34.0	29.4	25.0	20.8	16.9	13.5	10.1	7.2
0.1	0.1	32.5°	39.2	34.5	29.9	25.4	21.2	17.1	13.7	10.3	7.3
0.2	0.1	31.25°	39.9	35.1	30.4	25.8	21.5	17.4	14.0	10.5	7.4
0.3	0.2	30°	40.4	35.6	30.8	26.2	21.9	17.8	14.2	10.7	7.6
0.4	0.3	28.75°	41.0	36.1	31.3	26.5	22.2	18.1	14.4	10.9	7.7
0.5	0.3	27.5°	41.5	36.5	31.7	26.9	22.6	18.4	14.6	11.0	7.8
0.6	0.4	26.25°	42.0	37.0	32.1	27.2	22.9	18.7	14.9	11.2	7.9
0.7	0.4	25°	42.4	37.4	32.5	27.6	23.2	18.9	15.0	11.4	8.0
0.8	0.5	23.75°	42.8	37.8	32.8	28.0	23.5	19.2	15.2	11.5	8.1
0.9	0.6	22.5°	43.2	38.1	33.2	28.3	23.8	19.4	15.4	11.7	8.2
1.0	0.6	21.25°	43.5	38.5	33.5	28.6	24.0	19.7	15.6	11.8	8.3
1.1	0.7	20°	43.8	38.8	33.8	28.9	24.3	19.9	15.7	11.9	8.3
1.2	0.8	18.75°	44.1	39.0	34.1	29.2	24.5	20.1	15.9	12.0	8.4
1.3	0.8	17.5°	44.4	39.3	34.3	29.4	24.7	20.3	16.0	12.2	8.5
1.4	0.9	16.25°	44.6	39.5	34.5	29.6	24.9	20.4	16.1	12.3	8.5
1.5	0.9	15°	44.8	39.7	34.7	29.8	25.1	20.6	16.2	12.3	8.6
1.5	1.0	13.75°	44.9	39.8	34.9	30.0	25.2	20.7	16.3	12.4	8.6
1.6	1.1	12.5°	45.0	40.0	35.0	30.1	25.4	20.8	16.4	12.5	8.7
1.7	1.1	11.25°	45.1	40.1	35.1	30.2	25.5	20.9	16.5	12.6	8.7
1.8	1.2	10°	45.2	40.1	35.2	30.3	25.6	21.0	16.6	12.6	8.7
1.9	1.2	8.75°	45.2	40.2	35.2	30.4	25.6	21.1	16.6	12.7	8.7
2.0	1.3	7.5°	45.2	40.2	35.2	30.4	25.7	21.2	16.7	12.7	8.7
2.1	1.4	6.25°	45.1	40.2	35.2	30.5	25.7	21.2	16.7	12.7	8.7
2.2	1.4	5°	45.1	40.1	35.2	30.5	25.8	21.2	16.7	12.7	8.8
2.2	1.5	3.75°	45.0	40.1	35.2	30.5	25.8	21.3	16.7	12.7	8.7
2.3	1.5	2.5°	44.8	40.0	35.1	30.4	25.8	21.3	16.7	12.7	8.7
2.4	1.6	1.25°	44.7	39.8	35.0	30.4	25.7	21.2	16.7	12.7	8.7
2.5	1.6	0°	44.5	39.7	34.9	30.3	25.7	21.2	16.7	12.7	8.7
2.6	1.7	-1.25°	44.2	39.5	34.7	30.2	25.6	21.1	16.6	12.7	8.7
2.6	1.7	-2.5°	43.9	39.2	34.5	30.0	25.5	21.0	16.6	12.6	8.7
2.7	1.8	-3.75°	43.6	38.9	34.3	29.8	25.4	20.9	16.5	12.6	8.7
2.8	1.8	-5°	43.3	38.6	34.0	29.7	25.3	20.8	16.4	12.5	8.6
2.9	1.9	-6.25°	42.9	38.3	33.7	29.5	25.1	20.7	16.3	12.5	8.6
2.9	1.9	-7.5°	42.5	38.0	33.4	29.2	25.0	20.6	16.2	12.4	8.6
3.0	2.0	-8.75°	42.1	37.6	33.1	29.0	24.8	20.4	16.1	12.3	8.5
3.2	2.0	-10°	41.7	37.2	32.8	28.7	24.6	20.2	15.9	12.2	8.5
3.3	2.1	-11.25°	41.2	36.8	32.4	28.5	24.4	20.0	15.8	12.1	8.4
3.5	2.1	-12.5°	40.7	36.3	32.1	28.2	24.1	19.8	15.6	12.0	8.4
3.6	2.1	-13.75°	40.2	35.9	31.7	27.9	23.9	19.6	15.5	11.9	8.3
3.8	2.2	-15°	39.6	35.4	31.3	27.6	23.6	19.4	15.3	11.7	8.2
3.9	2.2	-16.25°	39.1	34.9	30.9	27.3	23.3	19.1	15.1	11.6	8.2
4.0	2.3	-17.5°	38.5	34.4	30.5	26.9	23.0	18.9	14.9	11.5	8.1
4.1	2.3	-18.75°	37.9	33.8	30.1	26.6	22.7	18.6	14.7	11.3	8.0
4.2	2.3	-20°	37.3	33.2	29.7	26.2	22.4	18.3	14.5	11.2	7.9
4.4	2.4	-21.25°	36.7	32.7	29.2	25.9	22.1	18.0	14.3	11.0	7.8





REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

86.25°	87.5°		75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°
4.5	2.4	-22.5°	36.0	32.1	28.8	25.5	21.7	17.7	14.1	10.8	7.7
4.6	2.4	-23.75°	35.4	31.5	28.3	25.1	21.3	17.4	13.9	10.7	7.6
4.7	2.5	-25°	34.7	31.0	27.9	24.7	20.9	17.0	13.7	10.5	7.5
4.8	2.5	-26.25°	34.1	30.5	27.4	24.3	20.5	16.7	13.4	10.3	7.4
4.9	2.5	-27.5°	33.4	29.9	26.9	23.9	20.1	16.3	13.2	10.1	7.3
4.9	2.5	-28.75°	32.7	29.4	26.4	23.4	19.7	15.9	12.9	9.9	7.1
5.0	2.6	-30°	31.9	28.8	25.9	22.8	19.2	15.5	12.7	9.7	7.0
5.1	2.6	-31.25°	31.2	28.2	25.4	22.3	18.8	15.2	12.4	9.5	6.9
5.2	2.6	-32.5°	30.4	27.6	24.9	21.8	18.3	14.8	12.1	9.3	6.8
5.3	2.6	-33.75°	29.7	27.0	24.3	21.2	17.8	14.5	11.9	9.0	6.6
5.3	2.7	-35°	29.0	26.4	23.8	20.7	17.3	14.2	11.6	8.8	6.5
5.4	2.7	-36.25°	28.4	25.8	23.2	20.1	16.8	13.8	11.3	8.6	6.3
5.4	2.7	-37.5°	27.7	25.2	22.6	19.5	16.3	13.5	11.0	8.4	6.2
5.5	2.7	-38.75°	26.9	24.5	21.9	18.9	15.8	13.2	10.7	8.2	6.0
5.5	2.7	-40°	26.2	23.8	21.3	18.4	15.3	12.8	10.4	8.0	5.9
5.6	2.7	-41.25°	25.5	23.2	20.6	17.8	14.8	12.5	10.1	7.8	5.7
5.6	2.8	-42.5°	24.7	22.5	19.9	17.2	14.4	12.1	9.8	7.6	5.5
5.6	2.8	-43.75°	24.0	21.8	19.2	16.5	13.9	11.7	9.5	7.4	5.4
5.7	2.8	-45°	23.2	21.0	18.5	15.9	13.5	11.4	9.1	7.1	5.2
5.7	2.8	-46.25°	22.4	20.2	17.9	15.3	13.1	11.0	8.8	6.9	5.0
5.7	2.8	-47.5°	21.6	19.5	17.2	14.7	12.6	10.6	8.5	6.7	4.8
5.7	2.8	-48.75°	20.8	18.7	16.5	14.1	12.2	10.2	8.2	6.5	4.7
5.8	2.8	-50°	20.0	17.9	15.8	13.6	11.7	9.8	7.9	6.2	4.5
5.8	2.8	-51.25°	19.2	17.2	15.0	13.1	11.3	9.4	7.6	6.0	4.3
5.8	2.8	-52.5°	18.3	16.4	14.3	12.6	10.8	9.0	7.3	5.8	4.1
5.8	2.8	-53.75°	17.5	15.6	13.7	12.0	10.3	8.6	7.0	5.5	3.9
5.8	2.8	-55°	16.7	14.8	13.1	11.5	9.8	8.1	6.7	5.3	3.7
5.8	2.8	-56.25°	15.8	14.1	12.5	11.0	9.4	7.8	6.4	5.0	3.5
5.7	2.8	-57.5°	15.0	13.4	11.9	10.4	8.9	7.4	6.1	4.8	3.3
5.7	2.8	-58.75°	14.1	12.7	11.3	9.9	8.4	7.1	5.8	4.5	3.1
5.7	2.8	-60°	13.3	12.0	10.7	9.3	7.9	6.7	5.5	4.2	2.9
5.7	2.8	-61.25°	12.6	11.4	10.1	8.7	7.5	6.4	5.2	4.0	2.8
5.7	2.8	-62.5°	11.9	10.7	9.4	8.2	7.1	6.0	4.9	3.7	2.7
5.7	2.8	-63.75°	11.1	10.0	8.8	7.6	6.7	5.6	4.6	3.4	2.6
5.6	2.8	-65°	10.4	9.3	8.2	7.2	6.2	5.3	4.2	3.2	2.4
5.6	2.8	-66.25°	9.7	8.6	7.6	6.7	5.8	4.9	3.9	2.9	2.3
5.6	2.8	-67.5°	8.9	7.9	7.1	6.3	5.4	4.5	3.6	2.7	2.2
5.5	2.7	-68.75°	8.2	7.3	6.6	5.8	5.0	4.2	3.3	2.6	2.1
5.5	2.7	-70°	7.4	6.7	6.0	5.3	4.6	3.8	2.9	2.4	2.0
5.4	2.7	-71.25°	6.8	6.2	5.5	4.9	4.1	3.4	2.7	2.3	1.9
5.4	2.7	-72.5°	6.2	5.6	5.0	4.4	3.7	3.0	2.5	2.1	1.7
5.3	2.7	-73.75°	5.6	5.1	4.5	3.9	3.3	2.7	2.4	2.0	1.6
5.3	2.7	-75°	5.0	4.5	4.0	3.4	2.9	2.5	2.2	1.8	1.5
5.2	2.6	-76.25°	4.4	4.0	3.5	3.0	2.6	2.3	2.0	1.7	1.4
5.1	2.6	-77.5°	3.8	3.4	3.0	2.6	2.3	2.1	1.8	1.5	1.3



REPORT NUMBER: P394885 (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°
5.1	2.6	-78.75°	3.2	2.9	2.5	2.3	2.1	1.9	1.6	1.4	1.1
5.0	2.6	-80°	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.2	1.0
4.9	2.6	-81.25°	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.1	0.9
4.8	2.5	-82.5°	1.9	1.8	1.7	1.5	1.4	1.3	1.1	0.9	0.8
4.7	2.5	-83.75°	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6
4.6	2.5	-85°	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5
4.6	2.4	-86.25°	1.0	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4
4.5	2.4	-87.5°	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.3	0.3
4.4	2.4	-88.75°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1
4.3	2.4	-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	2.3										
4.0	2.3										
3.9	2.2										
3.8	2.2										
3.7	2.2										
3.6	2.1										
3.5	2.1										
3.3	2.0										
3.2	2.0										
3.1	2.0										
2.9	1.9										
2.8	1.9										
2.8	1.8										
2.7	1.8										
2.6	1.7										
2.5	1.7										
2.5	1.6										
2.4	1.6										
2.3	1.5										
2.2	1.5										
2.1	1.4										
2.1	1.4										
2.0	1.3										
1.9	1.3										
1.8	1.2										
1.7	1.1										
1.6	1.1										
1.6	1.0										
1.5	1.0										
1.4	0.9										
1.3	0.9										
1.2	0.8										
1.1	0.7										
1.0	0.7										
0.9	0.6										



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P394885 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 303-S1-LEDB1-3500-UNV-T4-DIM10

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)