

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1306278 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-1S-CV2-A**

Issue Date: 2/3/2026

**Test Information**

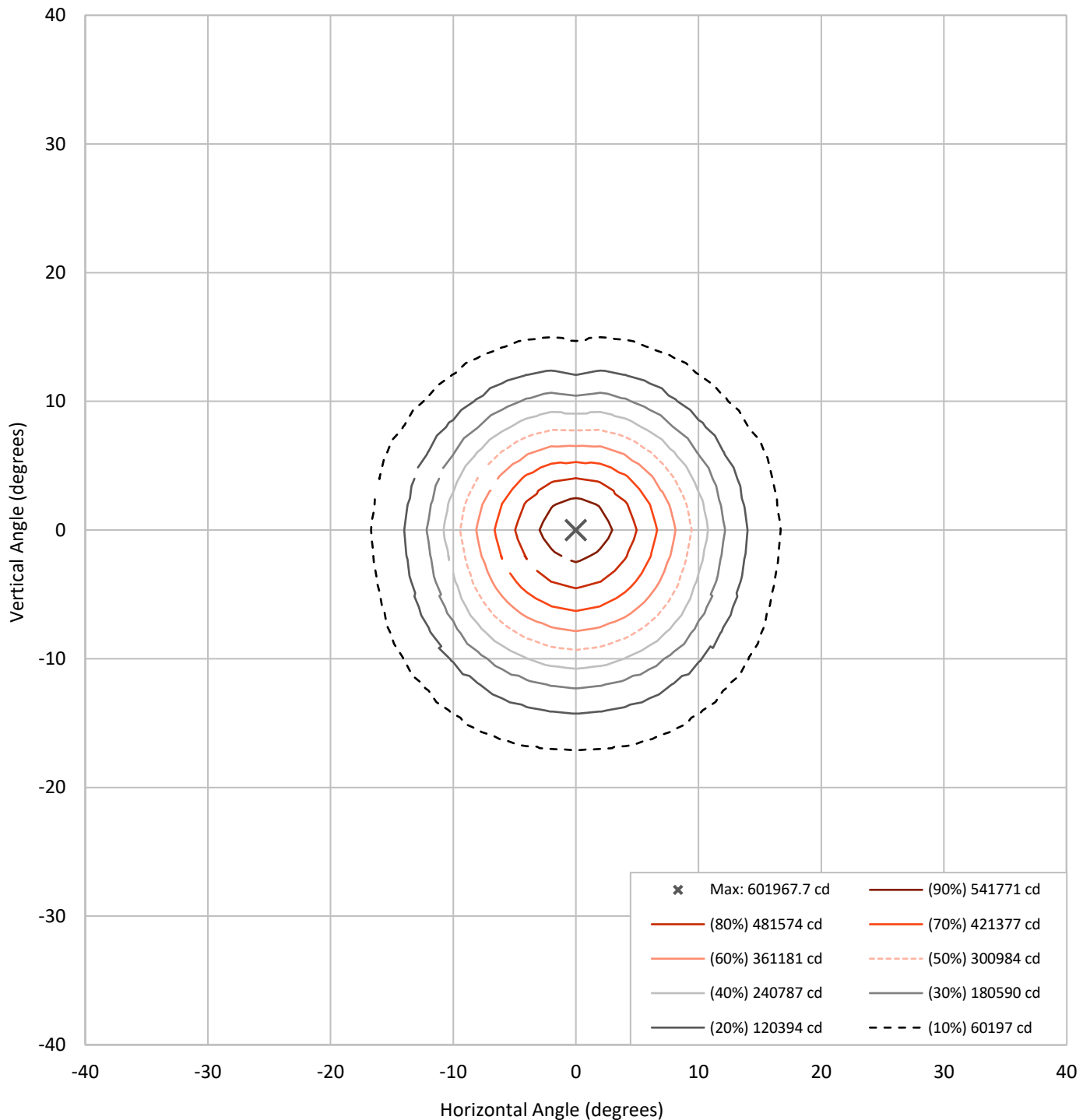
Test Method: LM-79-08  
Report Number: P1306278 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-70-1S-CV2-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	69401.7 lumens	Max Intensity:	601967.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.9°H x 17.1°V	Field Angle (10%):	33.2°H x 31.5°V
Beam Lumens:	31968.1 lumens	Field Lumens:	58762.1 lumens
Beam Efficiency:	46.1%	Field Efficiency:	84.7%
Input Watts (W):	718		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





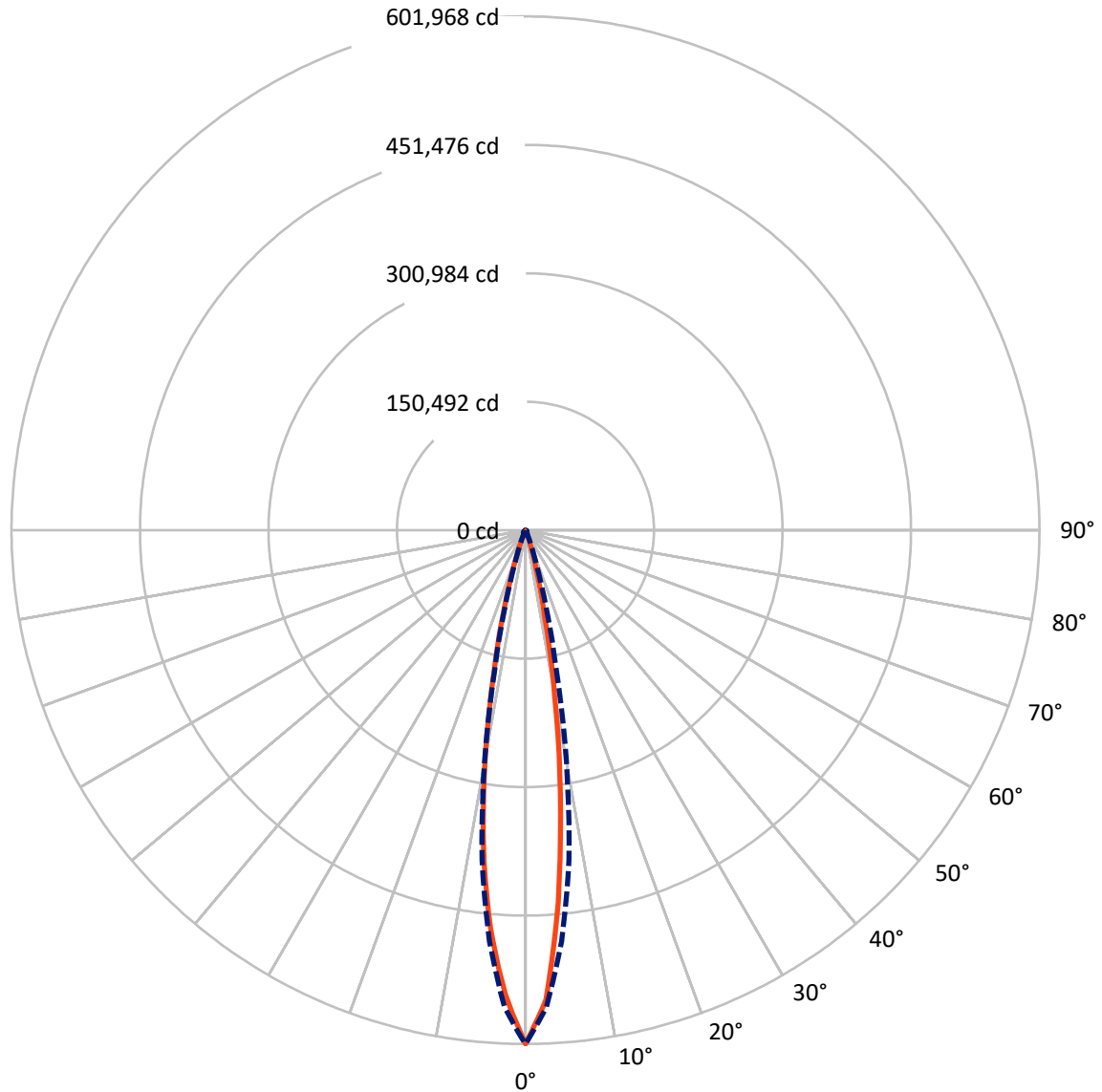
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### Lumen Table

90	0.2	0.4		0.5		0.5		0.6		0.5		0.5		0.4		0.2			
80	0.2	0.4		0.5		0.5		0.6		0.5		0.5		0.4		0.2			
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.3	0.1				
50	0.2	0.2	0.4	0.4	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.4	0.4	0.2	0.2			
40		0.2	0.8	1.5	3.3	5.3	5.6	6.4	6.4	5.6	5.3	3.3	1.5	0.8	0.2				
30	0.2	0.4	2.4	8.4	22.4	27.3	36.0	67.2	67.2	36.0	27.3	22.4	8.4	2.4	0.4	0.2			
20		0.8	5.4	21.9	47.8	67.1	458.3	1842.9	1842.9	458.3	67.1	47.8	21.9	5.4	0.8				
10	0.3	1.6	9.2	42.2	72.1	167.1	2394.6	10334.1	10334.1	2394.6	167.1	72.1	42.2	9.2	1.6	0.3			
0		2.6	12.1	49.8	83.4	165.9	2597.9	11060.3	11060.3	2597.9	165.9	83.4	49.8	12.1	2.6				
-10	0.5	3.0	12.5	46.8	88.7	104.2	753.5	2853.3	2853.3	753.5	104.2	88.7	46.8	12.5	3.0	0.5			
-20		2.8	10.9	25.9	67.7	83.9	102.3	189.3	189.3	102.3	83.9	67.7	25.9	10.9	2.8				
-30	0.4	2.4	8.2	15.2	37.7	71.5	85.5	88.6	88.6	85.5	71.5	37.7	15.2	8.2	2.4	0.4			
-40		1.5	5.7	12.0	19.3	34.9	63.9	88.2	88.2	63.9	34.9	19.3	12.0	5.7	1.5				
-50	0.3	0.7	3.2	8.1	14.8	21.0	26.1	29.2	29.2	26.1	21.0	14.8	8.1	3.2	0.7	0.3			
-60		0.3	1.1	3.7	7.8	12.8	17.9	21.2	21.2	17.9	12.8	7.8	3.7	1.1	0.3				
-70	0.2	0.9		2.8		7.0		10.3		7.0		2.8		0.9		0.2			
-80		0.9		2.8		7.0		10.3		7.0		2.8		0.9					
-90	0.2	0.9		2.8		7.0		10.3		7.0		2.8		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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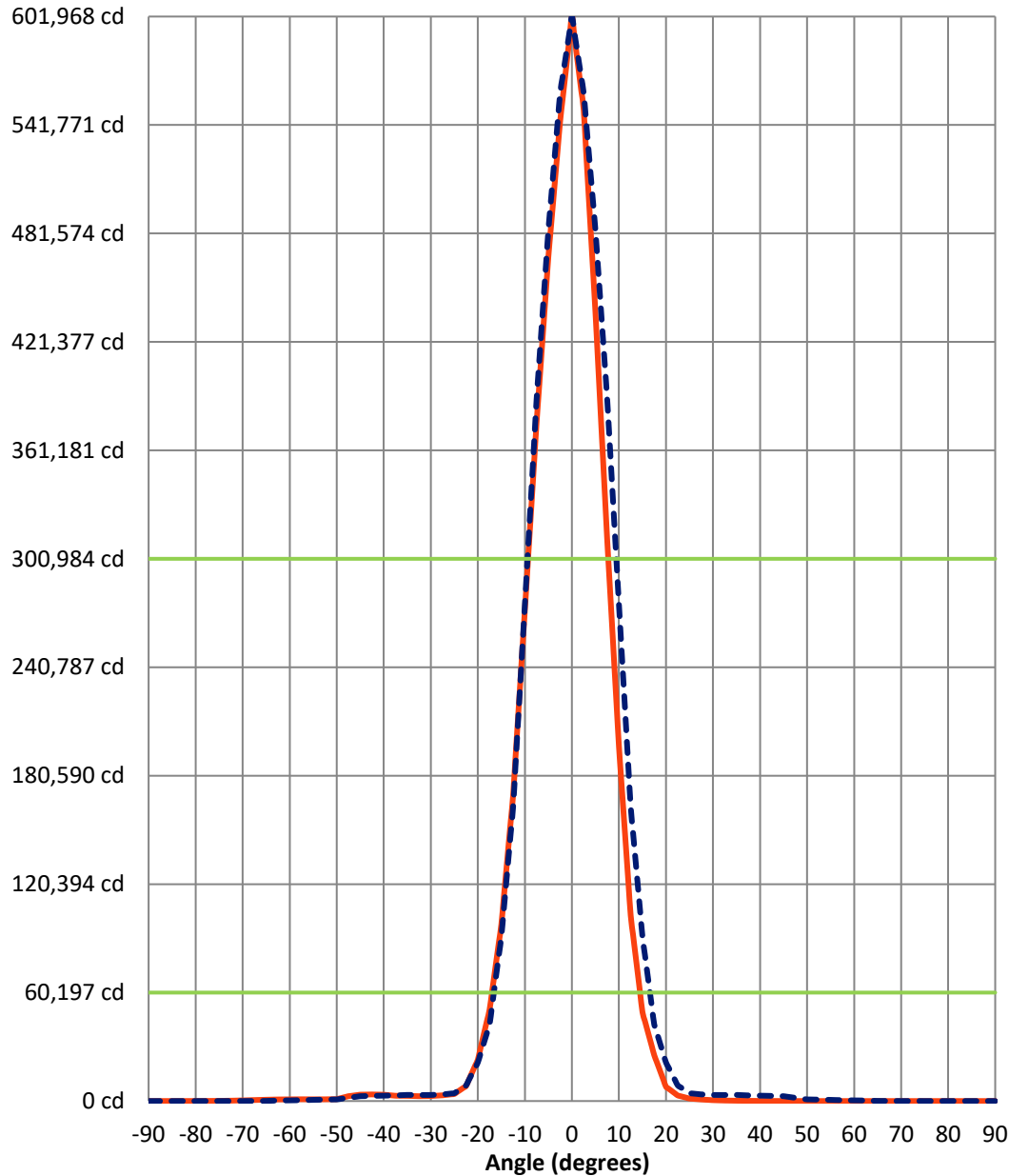
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 18.9°  
V Angle: 17.1°  
Lumens: 31968.1  
Efficiency: 46.1%

**Field:**  
H Angle: 33.2°  
V Angle: 31.5°  
Lumens: 58762.1  
Efficiency: 84.7%

**Spill:**  
Lumens: 10639.6  
Efficiency: 15.3%

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



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.8	8.2	8.5	8.9
87.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.0	6.7	6.3	5.9
85°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.0	6.7	6.3	5.9
82.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.0	6.7	6.5	6.3
80°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.1	6.9	6.9	6.9
77.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.2	7.2	7.3	7.4
75°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.3	7.4	7.4	7.4
72.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
70°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5
67.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.6	7.6
65°	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.4	7.7	7.9	7.7
62.5°	7.4	7.4	7.4	7.4	7.4	7.6	7.6	7.7	8.1	8.1	7.8
60°	7.4	7.4	7.4	7.4	7.4	7.7	7.7	8.1	8.5	8.2	7.9
57.5°	7.4	7.4	7.4	7.4	7.5	7.8	8.0	8.5	8.6	8.3	7.9
55°	7.4	7.4	7.4	7.4	7.7	8.0	8.3	8.9	8.7	8.3	8.0
52.5°	7.4	7.4	7.4	7.4	7.9	8.2	8.5	8.9	8.7	8.4	8.1
50°	7.4	7.4	7.4	7.4	8.0	8.3	8.7	8.9	8.8	8.5	9.1
47.5°	7.4	7.4	7.4	7.4	8.2	8.5	8.9	8.9	8.9	8.6	10.0
45°	7.4	7.4	7.4	7.6	8.4	8.6	8.9	8.9	9.0	9.2	10.7
42.5°	7.4	7.4	7.4	7.7	8.6	8.7	8.9	9.0	9.0	9.7	11.7
40°	7.4	7.4	7.4	7.8	8.7	8.8	8.9	9.1	9.3	10.1	12.5
37.5°	7.4	7.4	7.4	8.0	8.8	8.9	8.9	9.2	9.7	10.8	13.2
35°	7.4	7.4	7.4	8.1	8.8	8.9	8.9	9.4	10.1	11.8	13.6
32.5°	7.4	7.4	7.4	8.2	8.9	8.9	8.9	9.6	10.5	13.1	15.3
30°	7.4	7.4	7.4	8.3	8.9	8.9	9.1	9.9	10.9	14.5	17.3
27.5°	7.4	7.4	7.4	8.4	8.9	8.9	9.3	10.2	11.6	16.0	19.5
25°	7.4	7.4	7.4	8.5	8.9	8.9	9.4	10.5	12.8	17.8	22.1
22.5°	7.4	7.4	7.4	8.6	8.9	8.9	9.6	10.8	14.0	19.8	25.9
20°	7.4	7.4	7.4	8.6	8.9	9.0	9.8	11.0	15.3	21.9	29.7
17.5°	7.4	7.4	7.4	8.7	8.9	9.2	10.1	11.3	16.6	24.1	33.2
15°	7.4	7.4	7.4	8.7	8.9	9.3	10.4	11.6	18.0	26.4	36.6
12.5°	7.4	7.4	7.4	8.8	8.9	9.5	10.7	12.2	19.4	28.6	39.8
10°	7.4	7.4	7.4	8.8	8.9	9.7	10.9	12.7	20.7	31.3	44.5
7.5°	7.4	7.4	7.4	8.9	8.9	9.9	11.2	13.2	22.0	34.0	52.8
5°	7.4	7.4	7.4	8.9	8.9	10.0	11.4	13.8	23.2	36.6	61.5
2.5°	7.4	7.4	7.4	8.9	8.9	10.2	11.6	14.3	24.2	39.1	70.2
0°	7.4	7.4	7.4	8.9	8.9	10.4	11.8	14.8	25.1	41.4	78.4
-2.5°	7.4	7.4	7.5	8.9	9.0	10.5	12.6	17.8	31.7	53.8	99.3
-5°	7.4	7.4	7.5	8.9	9.2	10.7	13.3	20.6	38.0	65.5	119.0
-7.5°	7.4	7.4	7.6	8.9	9.3	10.8	14.0	23.3	43.8	76.4	136.9
-10°	7.4	7.4	7.7	8.8	9.4	10.9	14.6	25.6	48.9	86.1	152.6
-12.5°	7.4	7.4	7.7	8.8	9.5	11.0	15.1	27.5	53.2	94.7	164.9
-15°	7.4	7.4	7.8	8.8	9.6	11.1	15.4	28.9	58.0	103.7	174.6
-17.5°	7.4	7.4	7.8	8.8	9.6	11.1	15.7	31.1	63.3	111.2	181.8
-20°	7.4	7.4	7.9	8.8	9.7	11.2	16.2	33.6	67.4	117.0	186.6



REPORT NUMBER: P1306278 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-680N-40-70-1S-CV2-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.4	7.4	7.9	8.8	9.7	11.2	17.2	35.2	70.0	121.0	188.8
-25°	7.4	7.4	7.9	8.7	9.7	11.5	17.7	35.7	71.1	123.1	188.2
-27.5°	7.4	7.4	7.9	8.7	9.7	11.8	17.9	35.2	70.5	123.6	189.8
-30°	7.4	7.4	7.9	8.8	9.6	12.1	17.5	33.5	69.4	122.8	189.1
-32.5°	7.4	7.4	8.0	8.8	9.7	12.2	16.6	32.7	67.5	119.6	185.7
-35°	7.4	7.4	7.9	8.8	9.7	12.3	16.4	31.7	63.9	114.0	179.6
-37.5°	7.4	7.4	7.9	8.8	9.7	12.3	16.4	29.9	58.5	106.0	163.8
-40°	7.4	7.4	7.9	8.9	9.7	12.2	16.3	27.3	51.4	97.7	146.7
-42.5°	7.4	7.4	7.9	8.9	9.7	12.1	16.1	23.9	46.1	84.9	128.4
-45°	7.4	7.4	7.8	9.0	9.7	12.0	15.6	21.3	41.2	70.8	109.4
-47.5°	7.4	7.4	7.8	9.0	9.7	11.8	15.1	20.6	35.3	56.0	92.6
-50°	7.4	7.4	7.7	8.9	9.7	11.5	14.6	19.7	27.7	47.4	75.0
-52.5°	7.4	7.4	7.7	8.8	9.7	11.2	14.2	18.5	24.2	38.4	57.5
-55°	7.4	7.4	7.6	8.6	9.7	11.0	13.7	17.2	22.3	29.0	46.9
-57.5°	7.4	7.4	7.5	8.5	9.6	10.8	13.0	16.4	20.4	25.1	35.9
-60°	7.4	7.4	7.4	8.4	9.4	10.6	12.4	15.4	18.6	22.9	27.4
-62.5°	7.4	7.4	7.4	8.2	9.2	10.3	12.0	14.4	17.4	20.6	24.8
-65°	7.4	7.4	7.4	8.1	9.0	10.0	11.5	13.5	16.2	19.0	22.1
-67.5°	7.4	7.4	7.4	7.9	8.8	9.7	10.9	12.7	14.9	17.6	20.2
-70°	7.4	7.4	7.4	7.7	8.6	9.5	10.4	12.0	13.9	16.1	18.6
-72.5°	7.4	7.4	7.4	7.7	8.4	9.2	10.0	11.1	12.9	14.8	16.9
-75°	7.4	7.4	7.4	7.7	8.1	8.9	9.6	10.6	11.8	13.4	15.3
-77.5°	7.4	7.4	7.4	7.6	8.0	8.6	9.3	10.1	11.1	12.2	13.6
-80°	7.4	7.4	7.4	7.6	7.9	8.3	8.9	9.6	10.4	11.3	12.3
-82.5°	7.4	7.4	7.4	7.5	7.8	8.1	8.5	9.1	9.7	10.4	11.1
-85°	7.4	7.4	7.4	7.5	7.7	7.9	8.2	8.7	9.2	9.7	10.2
-87.5°	7.4	7.4	7.4	7.4	7.5	7.6	7.8	8.2	8.7	9.1	9.5
-90°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.0	6.7	6.3	5.9



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
87.5°	5.9	5.9	5.9	5.9	5.5	5.2	4.8	4.4	4.4	4.4	4.4
85°	5.9	5.9	5.9	5.9	5.5	5.2	4.8	4.4	4.4	4.4	4.4
82.5°	6.3	6.3	6.1	5.9	5.6	5.2	4.8	4.6	4.6	4.6	4.6
80°	6.9	6.7	6.3	6.0	5.7	5.6	5.6	5.6	5.5	5.2	4.8
77.5°	7.1	6.7	6.4	6.0	5.9	6.1	6.1	6.0	5.6	5.3	4.9
75°	7.1	6.8	6.6	6.6	6.7	6.6	6.4	6.0	5.8	5.6	5.6
72.5°	7.2	7.1	7.1	7.4	7.2	6.8	6.5	6.1	6.4	7.2	7.8
70°	7.3	7.4	7.4	7.4	7.3	7.0	7.4	8.4	9.6	11.1	13.7
67.5°	7.4	7.4	7.4	7.4	7.4	7.9	9.0	14.4	20.9	23.7	24.8
65°	7.4	7.4	7.4	7.4	7.4	11.5	17.6	25.1	33.0	34.4	33.5
62.5°	7.4	7.4	7.4	8.5	11.9	17.5	24.6	32.7	41.9	42.2	36.9
60°	7.5	7.4	8.8	12.2	16.3	21.7	29.8	36.3	43.1	46.2	35.3
57.5°	7.6	8.5	11.6	15.5	19.9	24.1	28.8	35.1	38.4	38.9	28.7
55°	8.2	10.4	14.1	18.5	22.0	21.8	25.3	28.1	29.3	27.7	19.8
52.5°	9.7	12.3	16.5	20.7	22.1	20.4	19.8	21.6	20.8	17.8	14.5
50°	11.0	14.4	18.8	22.3	22.1	18.9	16.0	16.8	16.1	14.0	11.8
47.5°	12.5	16.3	21.5	23.8	21.2	19.0	16.3	15.5	14.7	15.0	13.3
45°	13.9	18.2	24.0	23.5	21.8	20.9	18.8	16.2	18.8	19.2	18.7
42.5°	15.1	19.8	23.9	23.5	24.7	24.1	22.4	23.6	24.9	26.1	26.7
40°	16.1	21.1	24.3	27.8	28.4	28.2	30.6	32.7	32.9	35.1	36.7
37.5°	16.9	22.2	27.3	35.5	32.8	35.4	40.2	44.4	46.8	45.0	50.3
35°	17.3	24.2	36.9	45.6	43.1	45.3	52.9	61.2	69.5	64.7	74.0
32.5°	18.7	26.9	49.3	57.0	65.3	65.8	67.1	90.3	108.0	116.0	120.3
30°	22.0	38.2	63.0	70.3	96.5	102.0	101.0	129.8	162.5	240.3	299.9
27.5°	26.6	52.0	75.7	97.7	135.0	144.6	158.3	191.4	291.6	439.6	607.1
25°	31.1	69.9	89.6	134.9	176.4	196.1	219.8	269.7	472.3	804.1	925.5
22.5°	40.6	90.0	112.0	177.2	222.2	249.2	292.2	413.9	693.9	1203.6	1236.4
20°	56.1	108.6	144.8	217.3	272.1	301.8	364.3	563.6	940.2	1311.6	1456.1
17.5°	72.3	129.3	180.7	257.7	326.1	368.3	445.3	705.9	1132.0	1451.3	1621.6
15°	89.0	151.5	213.8	302.3	385.2	451.8	605.4	898.1	1265.1	1616.3	1861.3
12.5°	105.8	174.8	244.2	350.0	448.5	535.1	799.0	1216.0	1555.7	1838.1	2161.7
10°	122.1	198.5	272.0	399.2	514.6	617.5	1012.1	1558.3	1893.1	2142.2	2425.8
7.5°	161.9	235.0	302.8	448.4	581.7	698.2	1234.6	1912.7	2199.6	2402.6	2616.1
5°	206.7	283.7	362.2	521.6	654.7	775.3	1451.2	2265.0	2481.1	2628.3	2761.1
2.5°	251.1	330.6	420.3	594.6	727.5	846.3	1634.0	2494.4	2679.6	2819.6	2925.5
0°	292.8	375.6	476.2	662.5	795.6	912.4	1790.9	2688.5	2855.7	2996.1	3123.3
-2.5°	316.1	412.0	518.1	688.4	803.4	916.5	1668.6	2622.3	2871.8	3059.1	3248.9
-5°	334.4	445.5	556.9	710.3	808.9	916.9	1525.5	2508.1	2890.9	3124.0	3355.9
-7.5°	347.4	475.4	592.3	728.2	815.5	920.6	1517.8	2548.6	3006.4	3217.5	3445.0
-10°	353.1	486.6	599.5	731.8	823.4	924.6	1498.9	2529.8	3117.6	3314.9	3519.2
-12.5°	342.0	481.3	597.5	730.6	830.0	924.2	1422.1	2445.2	3228.6	3421.5	3555.6
-15°	329.3	473.4	590.4	724.4	835.5	919.5	1279.8	2290.6	3248.6	3372.4	3504.5
-17.5°	315.7	463.3	577.8	713.0	840.4	910.3	1054.7	1900.5	2913.7	3210.8	3420.9
-20°	301.9	450.9	559.3	696.5	840.9	879.8	953.4	1525.3	2379.1	2978.4	3255.3



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	288.7	436.5	538.3	674.0	785.3	833.9	887.6	1177.3	1821.2	2679.4	2962.7
-25°	282.6	414.5	518.9	627.1	728.3	785.8	816.8	896.0	1362.6	2115.0	2638.0
-27.5°	280.5	395.4	490.0	581.9	679.1	733.8	757.9	816.4	1069.4	1570.9	2277.5
-30°	274.8	366.5	459.6	540.9	630.2	683.3	703.0	754.5	841.0	1204.4	1716.9
-32.5°	258.3	336.4	425.9	505.8	583.4	644.6	671.0	717.8	780.1	891.0	1258.7
-35°	237.8	310.8	390.9	469.4	540.8	607.4	653.9	687.7	730.1	786.1	966.5
-37.5°	219.5	284.0	355.6	431.6	500.3	568.8	634.6	665.5	698.7	741.5	817.1
-40°	199.6	256.1	323.8	393.0	460.3	527.0	590.9	646.6	673.0	717.1	769.1
-42.5°	178.2	232.3	292.3	354.4	418.7	481.7	544.9	604.2	661.2	696.0	737.6
-45°	156.6	206.8	260.5	318.6	376.0	435.1	494.2	555.2	625.6	686.6	717.0
-47.5°	133.7	180.2	230.7	282.2	335.2	388.5	442.3	508.0	578.4	644.4	708.4
-50°	110.7	153.5	200.0	248.4	295.7	343.5	392.5	461.1	529.1	593.5	654.6
-52.5°	90.2	125.6	169.6	215.5	258.8	301.3	351.7	414.2	479.2	542.7	600.8
-55°	68.8	101.0	137.6	180.8	224.0	262.7	311.4	368.5	427.2	488.3	545.4
-57.5°	53.0	76.6	108.1	143.6	185.0	227.8	274.9	322.5	376.0	431.4	481.9
-60°	40.2	56.6	79.8	109.7	142.2	184.7	235.7	282.8	327.8	371.9	419.2
-62.5°	28.9	41.9	57.3	77.3	105.2	138.2	181.3	229.7	281.9	320.2	357.5
-65°	26.0	29.9	40.5	54.8	69.5	96.7	129.1	165.5	209.3	248.2	288.1
-67.5°	23.0	26.6	30.1	35.7	48.7	63.2	78.5	107.5	139.3	166.3	194.5
-70°	20.9	23.4	26.5	29.8	33.1	39.6	52.4	65.9	79.0	94.1	116.9
-72.5°	18.9	20.9	23.2	25.9	28.8	32.1	35.7	39.5	47.2	57.0	66.3
-75°	16.8	18.2	20.0	22.0	24.4	27.0	29.8	32.8	35.5	37.9	40.4
-77.5°	14.7	15.8	16.9	18.2	19.7	21.6	23.7	25.9	28.0	29.8	31.6
-80°	12.8	13.3	14.1	15.0	16.1	17.3	18.5	19.6	20.7	22.0	23.5
-82.5°	11.3	11.5	11.7	12.1	12.9	13.7	14.5	15.5	16.1	16.8	17.4
-85°	10.0	9.7	9.6	9.6	10.2	10.9	11.5	12.2	12.5	12.7	13.0
-87.5°	9.4	9.3	9.1	8.9	9.1	9.4	9.7	10.0	10.0	10.0	10.1
-90°	5.9	5.9	5.9	5.9	5.5	5.2	4.8	4.4	4.4	4.4	4.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.9	9.3	9.7	10.0	10.4	11.1	11.8	12.6	13.3	18.8	24.4
87.5°	4.4	4.1	3.7	3.4	3.0	2.6	2.3	1.9	1.5	1.5	1.5
85°	4.4	4.1	3.7	3.4	3.0	2.6	2.3	1.9	1.5	1.5	1.5
82.5°	4.4	4.1	3.7	3.4	3.0	2.7	2.3	1.9	1.5	1.5	1.5
80°	4.5	4.1	3.8	3.4	3.0	2.9	2.8	2.8	2.8	2.5	2.2
77.5°	4.6	4.4	4.3	4.0	3.8	3.7	3.5	3.3	3.0	2.7	2.3
75°	5.8	5.8	5.6	5.2	4.6	4.1	3.8	3.4	3.1	3.0	2.9
72.5°	8.1	8.0	7.5	7.3	6.5	6.1	6.0	5.7	5.4	5.4	5.6
70°	15.2	15.4	14.8	13.3	11.4	10.0	9.4	8.5	7.4	7.3	7.8
67.5°	23.9	21.9	20.2	18.2	15.5	13.3	12.1	11.0	10.0	9.8	10.1
65°	30.1	23.8	20.4	17.9	16.1	14.3	12.9	11.5	10.1	9.3	9.1
62.5°	30.1	21.6	17.4	15.4	14.0	12.9	11.0	9.3	7.8	6.8	6.9
60°	25.9	17.7	13.1	11.4	10.0	8.9	8.0	7.1	6.4	5.9	6.0
57.5°	19.7	12.8	8.9	8.7	8.3	7.7	7.3	7.0	6.5	5.9	6.3
55°	13.7	10.6	9.0	9.1	9.2	9.1	8.6	7.9	7.3	6.9	7.1
52.5°	10.9	10.6	11.1	11.3	10.5	9.6	8.8	8.8	8.9	9.2	9.6
50°	11.6	12.1	12.3	11.6	11.1	10.7	10.3	10.8	11.4	12.0	12.5
47.5°	13.5	14.1	14.5	13.1	13.3	14.1	13.6	13.8	16.6	18.7	20.2
45°	17.8	19.9	20.3	20.5	20.3	22.3	23.5	24.5	30.2	32.3	32.3
42.5°	27.3	30.6	32.7	34.8	33.2	39.2	47.7	53.6	52.1	50.1	50.7
40°	41.2	47.3	55.8	60.4	65.5	72.2	74.7	64.7	63.2	71.2	72.0
37.5°	62.7	79.0	97.1	110.9	113.3	110.3	106.8	105.2	107.5	112.8	120.8
35°	103.1	141.4	158.1	166.8	172.3	156.0	149.8	155.8	150.7	165.5	170.6
32.5°	182.6	232.0	246.4	253.0	266.3	250.0	213.7	256.6	240.4	238.0	254.5
30°	289.5	358.5	417.8	422.1	412.6	410.1	430.8	436.5	417.1	417.0	482.0
27.5°	554.4	570.1	675.1	722.6	603.8	612.9	669.5	639.4	709.7	777.5	831.1
25°	878.0	891.0	1074.5	1046.4	920.7	956.4	989.6	983.1	1064.6	1146.2	1239.0
22.5°	1175.4	1228.6	1379.3	1340.4	1284.3	1299.8	1330.3	1390.6	1500.2	1666.0	2098.3
20°	1412.6	1447.3	1520.4	1553.8	1557.0	1587.3	1684.5	1850.7	2192.1	3311.5	4663.0
17.5°	1641.3	1587.7	1675.8	1733.4	1795.7	1907.0	2132.7	2813.9	4459.7	7853.0	11178.3
15°	1973.5	1940.5	1888.6	1967.5	2140.5	2368.0	2895.2	5385.9	10977.2	17339.9	23955.0
12.5°	2335.3	2291.7	2220.2	2286.8	2549.5	2954.7	5433.0	11744.8	20682.6	32089.3	54308.5
10°	2623.8	2604.2	2559.7	2700.9	3043.7	4265.0	8654.7	18586.2	31876.2	58336.8	90682.3
7.5°	2800.3	2791.3	2829.3	3060.6	3527.5	6228.7	14148.3	27977.1	51330.7	88065.2	142364.0
5°	2993.2	2979.3	3040.6	3320.9	3873.3	7487.6	18439.3	36413.0	71192.4	122015.6	200869.4
2.5°	3200.1	3168.4	3231.4	3550.9	4144.1	7766.8	19402.6	38939.6	82982.6	148186.5	253834.5
0°	3408.7	3343.7	3377.7	3697.1	4346.3	8682.3	21398.9	42581.9	91317.3	163327.6	275691.1
-2.5°	3425.8	3315.4	3349.2	3644.5	4266.2	7475.5	18578.9	39225.8	86790.2	151967.2	252469.5
-5°	3454.6	3310.8	3301.2	3560.0	4151.9	6820.1	15762.2	35874.9	76680.0	133729.5	220819.4
-7.5°	3508.1	3338.1	3256.3	3447.7	3970.7	5928.8	12859.5	29864.7	62033.7	109070.7	172180.9
-10°	3596.1	3413.4	3279.6	3363.6	3741.8	4835.3	8508.5	21706.4	46956.7	82233.3	125011.2
-12.5°	3704.5	3620.1	3419.2	3303.0	3510.8	4103.3	6687.9	16217.5	32991.2	52025.5	83232.1
-15°	3754.8	3786.7	3641.6	3410.4	3424.1	3790.6	4677.4	8879.7	20709.3	34539.2	49933.6
-17.5°	3686.4	3837.3	3669.6	3404.3	3296.8	3514.0	3928.9	5469.5	9569.8	18452.9	27481.6
-20°	3486.7	3536.0	3501.8	3342.5	3229.8	3241.6	3447.0	3846.5	4646.4	7554.3	10750.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3116.8	3148.6	3139.6	3257.5	3131.0	3074.1	3118.8	3273.8	3522.1	3899.4	4956.9
-25°	2801.6	2788.1	2861.0	3058.2	3089.3	2951.9	2916.0	2927.3	3068.4	3235.8	3467.6
-27.5°	2500.8	2591.8	2752.0	2952.1	3039.0	2946.5	2830.3	2754.4	2822.4	2875.1	2979.2
-30°	2249.1	2484.3	2652.3	2834.5	2965.3	2950.7	2837.5	2800.3	2768.2	2730.9	2757.2
-32.5°	1848.5	2354.6	2527.8	2676.8	2835.3	2899.5	2898.6	2882.9	2897.4	2866.9	2799.0
-35°	1436.6	1982.1	2432.0	2514.8	2617.3	2768.6	2884.7	2903.1	2920.5	2919.7	2903.4
-37.5°	1030.6	1537.6	1993.7	2329.0	2449.4	2560.3	2776.7	2892.2	2929.9	2989.7	3011.7
-40°	845.2	997.2	1453.2	1863.4	2139.9	2475.9	2700.7	2909.8	3124.8	3250.7	3321.8
-42.5°	789.6	852.8	919.7	1235.1	1629.6	1998.4	2350.7	2748.9	3054.5	3291.9	3528.5
-45°	749.5	790.1	834.6	896.6	958.6	1271.1	1630.0	1990.4	2328.6	2669.5	2996.6
-47.5°	733.6	748.5	779.4	814.9	856.2	910.9	962.7	1042.9	1322.0	1598.4	1894.9
-50°	708.1	745.4	758.7	771.6	805.0	837.0	861.9	895.8	929.5	950.6	978.6
-52.5°	654.4	702.4	743.5	781.1	802.7	821.4	837.8	865.6	891.6	914.3	930.0
-55°	598.9	648.4	695.7	742.0	785.3	826.9	862.9	883.0	903.0	923.3	931.7
-57.5°	533.6	585.8	636.9	685.1	732.3	778.5	819.5	856.3	891.7	924.4	945.0
-60°	465.2	509.8	561.4	614.9	664.2	709.6	754.9	797.7	837.1	870.7	891.8
-62.5°	398.6	441.0	483.5	531.8	585.2	636.8	677.7	719.2	760.9	797.5	824.0
-65°	326.4	361.9	395.9	432.2	470.5	511.9	555.1	597.6	639.0	673.8	699.9
-67.5°	227.9	261.9	293.4	324.5	353.2	382.3	413.3	444.8	476.2	503.7	527.1
-70°	138.9	159.6	177.9	197.8	221.5	245.9	270.3	292.8	313.3	330.2	343.8
-72.5°	75.2	83.1	92.0	106.7	120.2	134.7	149.7	163.5	176.2	187.9	198.4
-75°	42.9	46.5	52.8	58.4	63.5	69.7	76.4	82.8	89.0	95.0	100.5
-77.5°	33.4	35.2	37.0	38.6	40.1	42.4	44.9	47.5	50.2	54.6	59.3
-80°	24.9	26.1	27.3	28.4	29.5	31.0	32.5	34.0	35.3	37.3	39.2
-82.5°	18.2	18.7	19.2	19.7	20.1	21.1	22.1	23.2	24.2	26.2	28.3
-85°	13.2	13.4	13.6	13.8	14.0	14.5	15.0	15.5	16.0	17.9	19.8
-87.5°	10.1	10.2	10.3	10.4	10.4	10.8	11.1	11.5	11.8	13.8	15.6
-90°	4.4	4.1	3.7	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	29.9	35.5	40.6	45.8	40.6	35.5	29.9	24.4	18.8	13.3	12.6
87.5°	1.5	1.5	0.7	0.0	0.7	1.5	1.5	1.5	1.5	1.5	1.9
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
80°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.5	2.8	2.8
77.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.3	2.7	3.0	3.3
75°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	3.0	3.1	3.4
72.5°	5.7	5.8	5.9	5.9	5.9	5.8	5.7	5.6	5.4	5.4	5.7
70°	8.3	8.8	9.6	10.4	9.6	8.8	8.3	7.8	7.3	7.4	8.5
67.5°	10.2	10.3	9.0	7.4	9.0	10.3	10.2	10.1	9.8	10.0	11.0
65°	9.0	9.0	8.2	7.4	8.2	9.0	9.0	9.1	9.3	10.1	11.5
62.5°	7.1	7.4	7.4	7.4	7.4	7.4	7.1	6.9	6.8	7.8	9.3
60°	6.0	6.0	5.9	5.9	5.9	6.0	6.0	6.0	5.9	6.4	7.1
57.5°	6.7	7.2	7.4	7.4	7.4	7.2	6.7	6.3	5.9	6.5	7.0
55°	7.3	7.4	8.0	8.9	8.0	7.4	7.3	7.1	6.9	7.3	7.9
52.5°	9.9	10.2	10.4	10.4	10.4	10.2	9.9	9.6	9.2	8.9	8.8
50°	12.8	13.1	13.2	13.3	13.2	13.1	12.8	12.5	12.0	11.4	10.8
47.5°	21.2	21.7	22.5	23.7	22.5	21.7	21.2	20.2	18.7	16.6	13.8
45°	33.7	34.7	36.1	38.5	36.1	34.7	33.7	32.3	32.3	30.2	24.5
42.5°	53.4	54.9	56.5	59.2	56.5	54.9	53.4	50.7	50.1	52.1	53.6
40°	73.7	74.6	75.6	78.4	75.6	74.6	73.7	72.0	71.2	63.2	64.7
37.5°	124.5	119.2	113.7	125.7	113.7	119.2	124.5	120.8	112.8	107.5	105.2
35°	169.7	172.9	177.8	186.3	177.8	172.9	169.7	170.6	165.5	150.7	155.8
32.5°	257.5	271.5	277.9	286.9	277.9	271.5	257.5	254.5	238.0	240.4	256.6
30°	512.4	511.5	470.3	477.7	470.3	511.5	512.4	482.0	417.0	417.1	436.5
27.5°	848.2	858.5	854.0	875.5	854.0	858.5	848.2	831.1	777.5	709.7	639.4
25°	1320.5	1364.7	1356.1	1399.0	1356.1	1364.7	1320.5	1239.0	1146.2	1064.6	983.1
22.5°	2629.7	2833.2	2830.0	3101.1	2830.0	2833.2	2629.7	2098.3	1666.0	1500.2	1390.6
20°	7023.5	8413.0	7840.4	7945.8	7840.4	8413.0	7023.5	4663.0	3311.5	2192.1	1850.7
17.5°	16196.5	20904.6	22949.2	25504.2	22949.2	20904.6	16196.5	11178.3	7853.0	4459.7	2813.9
15°	36973.7	49517.3	55791.7	49387.6	55791.7	49517.3	36973.7	23955.0	17339.9	10977.2	5385.9
12.5°	77411.9	99436.0	114659.9	102976.6	114659.9	99436.0	77411.9	54308.5	32089.3	20682.6	11744.8
10°	133735.8	174303.8	207831.1	196781.3	207831.1	174303.8	133735.8	90682.3	58336.8	31876.2	18586.2
7.5°	205596.5	271132.6	312036.6	311733.6	312036.6	271132.6	205596.5	142364.0	88065.2	51330.7	27977.1
5°	295790.7	379639.6	431723.0	438003.5	431723.0	379639.6	295790.7	200869.4	122015.6	71192.4	36413.0
2.5°	362573.3	453482.0	524598.7	550249.5	524598.7	453482.0	362573.3	253834.5	148186.5	82982.6	38939.6
0°	389839.6	483560.8	559580.9	601967.7	559580.9	483560.8	389839.6	275691.1	163327.6	91317.3	42581.9
-2.5°	368415.2	454976.5	517676.8	543937.7	517676.8	454976.5	368415.2	252469.5	151967.2	86790.2	39225.8
-5°	321676.1	403197.1	451564.7	468741.3	451564.7	403197.1	321676.1	220819.4	133729.5	76680.0	35874.9
-7.5°	251729.5	319970.2	361723.6	376804.3	361723.6	319970.2	251729.5	172180.9	109070.7	62033.7	29864.7
-10°	174323.4	225048.2	261298.2	272542.7	261298.2	225048.2	174323.4	125011.2	82233.3	46956.7	21706.4
-12.5°	112326.0	142421.4	162504.7	169819.7	162504.7	142421.4	112326.0	83232.1	52025.5	32991.2	16217.5
-15°	68334.0	85091.1	94817.5	98094.9	94817.5	85091.1	68334.0	49933.6	34539.2	20709.3	8879.7
-17.5°	37651.8	45739.1	48712.3	50804.3	48712.3	45739.1	37651.8	27481.6	18452.9	9569.8	5469.5
-20°	16868.0	20379.0	22101.9	22985.7	22101.9	20379.0	16868.0	10750.0	7554.3	4646.4	3846.5



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6503.9	7529.2	7990.9	8370.3	7990.9	7529.2	6503.9	4956.9	3899.4	3522.1	3273.8
-25°	3669.2	3811.5	3876.4	3918.9	3876.4	3811.5	3669.2	3467.6	3235.8	3068.4	2927.3
-27.5°	3053.4	3135.6	3192.0	3182.5	3192.0	3135.6	3053.4	2979.2	2875.1	2822.4	2754.4
-30°	2759.3	2784.5	2805.8	2789.1	2805.8	2784.5	2759.3	2757.2	2730.9	2768.2	2800.3
-32.5°	2751.2	2725.2	2710.3	2706.3	2710.3	2725.2	2751.2	2799.0	2866.9	2897.4	2882.9
-35°	2884.9	2873.1	2865.7	2870.4	2865.7	2873.1	2884.9	2903.4	2919.7	2920.5	2903.1
-37.5°	3014.5	2997.1	2970.9	2950.3	2970.9	2997.1	3014.5	3011.7	2989.7	2929.9	2892.2
-40°	3335.6	3397.7	3476.5	3519.7	3476.5	3397.7	3335.6	3321.8	3250.7	3124.8	2909.8
-42.5°	3598.7	3644.1	3664.5	3663.1	3664.5	3644.1	3598.7	3528.5	3291.9	3054.5	2748.9
-45°	3244.7	3426.2	3524.2	3543.3	3524.2	3426.2	3244.7	2996.6	2669.5	2328.6	1990.4
-47.5°	2214.4	2509.1	2682.0	2704.8	2682.0	2509.1	2214.4	1894.9	1598.4	1322.0	1042.9
-50°	1017.0	1056.5	1071.0	1060.3	1071.0	1056.5	1017.0	978.6	950.6	929.5	895.8
-52.5°	944.9	960.2	968.0	970.1	968.0	960.2	944.9	930.0	914.3	891.6	865.6
-55°	939.5	947.9	953.5	958.3	953.5	947.9	939.5	931.7	923.3	903.0	883.0
-57.5°	964.2	981.9	990.4	993.8	990.4	981.9	964.2	945.0	924.4	891.7	856.3
-60°	910.9	928.2	934.6	936.1	934.6	928.2	910.9	891.8	870.7	837.1	797.7
-62.5°	848.9	871.9	880.5	882.9	880.5	871.9	848.9	824.0	797.5	760.9	719.2
-65°	722.7	742.2	743.5	737.9	743.5	742.2	722.7	699.9	673.8	639.0	597.6
-67.5°	548.1	566.4	567.4	562.0	567.4	566.4	548.1	527.1	503.7	476.2	444.8
-70°	354.8	363.2	364.9	363.8	364.9	363.2	354.8	343.8	330.2	313.3	292.8
-72.5°	207.6	215.5	214.0	210.0	214.0	215.5	207.6	198.4	187.9	176.2	163.5
-75°	105.4	109.7	111.4	112.4	111.4	109.7	105.4	100.5	95.0	89.0	82.8
-77.5°	64.1	68.8	70.1	71.0	70.1	68.8	64.1	59.3	54.6	50.2	47.5
-80°	41.0	42.7	42.9	42.9	42.9	42.7	41.0	39.2	37.3	35.3	34.0
-82.5°	30.4	32.4	33.2	34.0	33.2	32.4	30.4	28.3	26.2	24.2	23.2
-85°	21.8	23.7	24.4	25.1	24.4	23.7	21.8	19.8	17.9	16.0	15.5
-87.5°	17.5	19.3	20.0	20.7	20.0	19.3	17.5	15.6	13.8	11.8	11.5
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.8	11.1	10.4	10.0	9.7	9.3	8.9	8.9	8.9	8.9	8.9
87.5°	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.4	4.4	4.4	4.4
85°	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.4	4.4	4.4	4.4
82.5°	2.3	2.7	3.0	3.4	3.7	4.1	4.4	4.6	4.6	4.6	4.6
80°	2.8	2.9	3.0	3.4	3.8	4.1	4.5	4.8	5.2	5.5	5.6
77.5°	3.5	3.7	3.8	4.0	4.3	4.4	4.6	4.9	5.3	5.6	6.0
75°	3.8	4.1	4.6	5.2	5.6	5.8	5.8	5.6	5.6	5.8	6.0
72.5°	6.0	6.1	6.5	7.3	7.5	8.0	8.1	7.8	7.2	6.4	6.1
70°	9.4	10.0	11.4	13.3	14.8	15.4	15.2	13.7	11.1	9.6	8.4
67.5°	12.1	13.3	15.5	18.2	20.2	21.9	23.9	24.8	23.7	20.9	14.4
65°	12.9	14.3	16.1	17.9	20.4	23.8	30.1	33.5	34.4	33.0	25.1
62.5°	11.0	12.9	14.0	15.4	17.4	21.6	30.1	36.9	42.2	41.9	32.7
60°	8.0	8.9	10.0	11.4	13.1	17.7	25.9	35.3	46.2	43.1	36.3
57.5°	7.3	7.7	8.3	8.7	8.9	12.8	19.7	28.7	38.9	38.4	35.1
55°	8.6	9.1	9.2	9.1	9.0	10.6	13.7	19.8	27.7	29.3	28.1
52.5°	8.8	9.6	10.5	11.3	11.1	10.6	10.9	14.5	17.8	20.8	21.6
50°	10.3	10.7	11.1	11.6	12.3	12.1	11.6	11.8	14.0	16.1	16.8
47.5°	13.6	14.1	13.3	13.1	14.5	14.1	13.5	13.3	15.0	14.7	15.5
45°	23.5	22.3	20.3	20.5	20.3	19.9	17.8	18.7	19.2	18.8	16.2
42.5°	47.7	39.2	33.2	34.8	32.7	30.6	27.3	26.7	26.1	24.9	23.6
40°	74.7	72.2	65.5	60.4	55.8	47.3	41.2	36.7	35.1	32.9	32.7
37.5°	106.8	110.3	113.3	110.9	97.1	79.0	62.7	50.3	45.0	46.8	44.4
35°	149.8	156.0	172.3	166.8	158.1	141.4	103.1	74.0	64.7	69.5	61.2
32.5°	213.7	250.0	266.3	253.0	246.4	232.0	182.6	120.3	116.0	108.0	90.3
30°	430.8	410.1	412.6	422.1	417.8	358.5	289.5	299.9	240.3	162.5	129.8
27.5°	669.5	612.9	603.8	722.6	675.1	570.1	554.4	607.1	439.6	291.6	191.4
25°	989.6	956.4	920.7	1046.4	1074.5	891.0	878.0	925.5	804.1	472.3	269.7
22.5°	1330.3	1299.8	1284.3	1340.4	1379.3	1228.6	1175.4	1236.4	1203.6	693.9	413.9
20°	1684.5	1587.3	1557.0	1553.8	1520.4	1447.3	1412.6	1456.1	1311.6	940.2	563.6
17.5°	2132.7	1907.0	1795.7	1733.4	1675.8	1587.7	1641.3	1621.6	1451.3	1132.0	705.9
15°	2895.2	2368.0	2140.5	1967.5	1888.6	1940.5	1973.5	1861.3	1616.3	1265.1	898.1
12.5°	5433.0	2954.7	2549.5	2286.8	2220.2	2291.7	2335.3	2161.7	1838.1	1555.7	1216.0
10°	8654.7	4265.0	3043.7	2700.9	2559.7	2604.2	2623.8	2425.8	2142.2	1893.1	1558.3
7.5°	14148.3	6228.7	3527.5	3060.6	2829.3	2791.3	2800.3	2616.1	2402.6	2199.6	1912.7
5°	18439.3	7487.6	3873.3	3320.9	3040.6	2979.3	2993.2	2761.1	2628.3	2481.1	2265.0
2.5°	19402.6	7766.8	4144.1	3550.9	3231.4	3168.4	3200.1	2925.5	2819.6	2679.6	2494.4
0°	<b>21398.9</b>	<b>8682.3</b>	<b>4346.3</b>	<b>3697.1</b>	<b>3377.7</b>	<b>3343.7</b>	<b>3408.7</b>	<b>3123.3</b>	<b>2996.1</b>	<b>2855.7</b>	<b>2688.5</b>
-2.5°	18578.9	7475.5	4266.2	3644.5	3349.2	3315.4	3425.8	3248.9	3059.1	2871.8	2622.3
-5°	15762.2	6820.1	4151.9	3560.0	3301.2	3310.8	3454.6	3355.9	3124.0	2890.9	2508.1
-7.5°	12859.5	5928.8	3970.7	3447.7	3256.3	3338.1	3508.1	3445.0	3217.5	3006.4	2548.6
-10°	8508.5	4835.3	3741.8	3363.6	3279.6	3413.4	3596.1	3519.2	3314.9	3117.6	2529.8
-12.5°	6687.9	4103.3	3510.8	3303.0	3419.2	3620.1	3704.5	3555.6	3421.5	3228.6	2445.2
-15°	4677.4	3790.6	3424.1	3410.4	3641.6	3786.7	3754.8	3504.5	3372.4	3248.6	2290.6
-17.5°	3928.9	3514.0	3296.8	3404.3	3669.6	3837.3	3686.4	3420.9	3210.8	2913.7	1900.5
-20°	3447.0	3241.6	3229.8	3342.5	3501.8	3536.0	3486.7	3255.3	2978.4	2379.1	1525.3



REPORT NUMBER: P1306278 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3118.8	3074.1	3131.0	3257.5	3139.6	3148.6	3116.8	2962.7	2679.4	1821.2	1177.3
-25°	2916.0	2951.9	3089.3	3058.2	2861.0	2788.1	2801.6	2638.0	2115.0	1362.6	896.0
-27.5°	2830.3	2946.5	3039.0	2952.1	2752.0	2591.8	2500.8	2277.5	1570.9	1069.4	816.4
-30°	2837.5	2950.7	2965.3	2834.5	2652.3	2484.3	2249.1	1716.9	1204.4	841.0	754.5
-32.5°	2898.6	2899.5	2835.3	2676.8	2527.8	2354.6	1848.5	1258.7	891.0	780.1	717.8
-35°	2884.7	2768.6	2617.3	2514.8	2432.0	1982.1	1436.6	966.5	786.1	730.1	687.7
-37.5°	2776.7	2560.3	2449.4	2329.0	1993.7	1537.6	1030.6	817.1	741.5	698.7	665.5
-40°	2700.7	2475.9	2139.9	1863.4	1453.2	997.2	845.2	769.1	717.1	673.0	646.6
-42.5°	2350.7	1998.4	1629.6	1235.1	919.7	852.8	789.6	737.6	696.0	661.2	604.2
-45°	1630.0	1271.1	958.6	896.6	834.6	790.1	749.5	717.0	686.6	625.6	555.2
-47.5°	962.7	910.9	856.2	814.9	779.4	748.5	733.6	708.4	644.4	578.4	508.0
-50°	861.9	837.0	805.0	771.6	758.7	745.4	708.1	654.6	593.5	529.1	461.1
-52.5°	837.8	821.4	802.7	781.1	743.5	702.4	654.4	600.8	542.7	479.2	414.2
-55°	862.9	826.9	785.3	742.0	695.7	648.4	598.9	545.4	488.3	427.2	368.5
-57.5°	819.5	778.5	732.3	685.1	636.9	585.8	533.6	481.9	431.4	376.0	322.5
-60°	754.9	709.6	664.2	614.9	561.4	509.8	465.2	419.2	371.9	327.8	282.8
-62.5°	677.7	636.8	585.2	531.8	483.5	441.0	398.6	357.5	320.2	281.9	229.7
-65°	555.1	511.9	470.5	432.2	395.9	361.9	326.4	288.1	248.2	209.3	165.5
-67.5°	413.3	382.3	353.2	324.5	293.4	261.9	227.9	194.5	166.3	139.3	107.5
-70°	270.3	245.9	221.5	197.8	177.9	159.6	138.9	116.9	94.1	79.0	65.9
-72.5°	149.7	134.7	120.2	106.7	92.0	83.1	75.2	66.3	57.0	47.2	39.5
-75°	76.4	69.7	63.5	58.4	52.8	46.5	42.9	40.4	37.9	35.5	32.8
-77.5°	44.9	42.4	40.1	38.6	37.0	35.2	33.4	31.6	29.8	28.0	25.9
-80°	32.5	31.0	29.5	28.4	27.3	26.1	24.9	23.5	22.0	20.7	19.6
-82.5°	22.1	21.1	20.1	19.7	19.2	18.7	18.2	17.4	16.8	16.1	15.5
-85°	15.0	14.5	14.0	13.8	13.6	13.4	13.2	13.0	12.7	12.5	12.2
-87.5°	11.1	10.8	10.4	10.4	10.3	10.2	10.1	10.1	10.0	10.0	10.0
-90°	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.4	4.4	4.4	4.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.5	8.2	7.8
87.5°	4.8	5.2	5.5	5.9	5.9	5.9	5.9	5.9	6.3	6.7	7.0
85°	4.8	5.2	5.5	5.9	5.9	5.9	5.9	5.9	6.3	6.7	7.0
82.5°	4.8	5.2	5.6	5.9	6.1	6.3	6.3	6.3	6.5	6.7	7.0
80°	5.6	5.6	5.7	6.0	6.3	6.7	6.9	6.9	6.9	6.9	7.1
77.5°	6.1	6.1	5.9	6.0	6.4	6.7	7.1	7.4	7.3	7.2	7.2
75°	6.4	6.6	6.7	6.6	6.6	6.8	7.1	7.4	7.4	7.4	7.3
72.5°	6.5	6.8	7.2	7.4	7.1	7.1	7.2	7.4	7.4	7.4	7.4
70°	7.4	7.0	7.3	7.4	7.4	7.4	7.3	7.5	7.4	7.4	7.4
67.5°	9.0	7.9	7.4	7.4	7.4	7.4	7.4	7.6	7.6	7.4	7.4
65°	17.6	11.5	7.4	7.4	7.4	7.4	7.4	7.7	7.9	7.7	7.4
62.5°	24.6	17.5	11.9	8.5	7.4	7.4	7.4	7.8	8.1	8.1	7.7
60°	29.8	21.7	16.3	12.2	8.8	7.4	7.5	7.9	8.2	8.5	8.1
57.5°	28.8	24.1	19.9	15.5	11.6	8.5	7.6	7.9	8.3	8.6	8.5
55°	25.3	21.8	22.0	18.5	14.1	10.4	8.2	8.0	8.3	8.7	8.9
52.5°	19.8	20.4	22.1	20.7	16.5	12.3	9.7	8.1	8.4	8.7	8.9
50°	16.0	18.9	22.1	22.3	18.8	14.4	11.0	9.1	8.5	8.8	8.9
47.5°	16.3	19.0	21.2	23.8	21.5	16.3	12.5	10.0	8.6	8.9	8.9
45°	18.8	20.9	21.8	23.5	24.0	18.2	13.9	10.7	9.2	9.0	8.9
42.5°	22.4	24.1	24.7	23.5	23.9	19.8	15.1	11.7	9.7	9.0	9.0
40°	30.6	28.2	28.4	27.8	24.3	21.1	16.1	12.5	10.1	9.3	9.1
37.5°	40.2	35.4	32.8	35.5	27.3	22.2	16.9	13.2	10.8	9.7	9.2
35°	52.9	45.3	43.1	45.6	36.9	24.2	17.3	13.6	11.8	10.1	9.4
32.5°	67.1	65.8	65.3	57.0	49.3	26.9	18.7	15.3	13.1	10.5	9.6
30°	101.0	102.0	96.5	70.3	63.0	38.2	22.0	17.3	14.5	10.9	9.9
27.5°	158.3	144.6	135.0	97.7	75.7	52.0	26.6	19.5	16.0	11.6	10.2
25°	219.8	196.1	176.4	134.9	89.6	69.9	31.1	22.1	17.8	12.8	10.5
22.5°	292.2	249.2	222.2	177.2	112.0	90.0	40.6	25.9	19.8	14.0	10.8
20°	364.3	301.8	272.1	217.3	144.8	108.6	56.1	29.7	21.9	15.3	11.0
17.5°	445.3	368.3	326.1	257.7	180.7	129.3	72.3	33.2	24.1	16.6	11.3
15°	605.4	451.8	385.2	302.3	213.8	151.5	89.0	36.6	26.4	18.0	11.6
12.5°	799.0	535.1	448.5	350.0	244.2	174.8	105.8	39.8	28.6	19.4	12.2
10°	1012.1	617.5	514.6	399.2	272.0	198.5	122.1	44.5	31.3	20.7	12.7
7.5°	1234.6	698.2	581.7	448.4	302.8	235.0	161.9	52.8	34.0	22.0	13.2
5°	1451.2	775.3	654.7	521.6	362.2	283.7	206.7	61.5	36.6	23.2	13.8
2.5°	1634.0	846.3	727.5	594.6	420.3	330.6	251.1	70.2	39.1	24.2	14.3
0°	1790.9	912.4	795.6	662.5	476.2	375.6	292.8	78.4	41.4	25.1	14.8
-2.5°	1668.6	916.5	803.4	688.4	518.1	412.0	316.1	99.3	53.8	31.7	17.8
-5°	1525.5	916.9	808.9	710.3	556.9	445.5	334.4	119.0	65.5	38.0	20.6
-7.5°	1517.8	920.6	815.5	728.2	592.3	475.4	347.4	136.9	76.4	43.8	23.3
-10°	1498.9	924.6	823.4	731.8	599.5	486.6	353.1	152.6	86.1	48.9	25.6
-12.5°	1422.1	924.2	830.0	730.6	597.5	481.3	342.0	164.9	94.7	53.2	27.5
-15°	1279.8	919.5	835.5	724.4	590.4	473.4	329.3	174.6	103.7	58.0	28.9
-17.5°	1054.7	910.3	840.4	713.0	577.8	463.3	315.7	181.8	111.2	63.3	31.1
-20°	953.4	879.8	840.9	696.5	559.3	450.9	301.9	186.6	117.0	67.4	33.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	887.6	833.9	785.3	674.0	538.3	436.5	288.7	188.8	121.0	70.0	35.2
-25°	816.8	785.8	728.3	627.1	518.9	414.5	282.6	188.2	123.1	71.1	35.7
-27.5°	757.9	733.8	679.1	581.9	490.0	395.4	280.5	189.8	123.6	70.5	35.2
-30°	703.0	683.3	630.2	540.9	459.6	366.5	274.8	189.1	122.8	69.4	33.5
-32.5°	671.0	644.6	583.4	505.8	425.9	336.4	258.3	185.7	119.6	67.5	32.7
-35°	653.9	607.4	540.8	469.4	390.9	310.8	237.8	179.6	114.0	63.9	31.7
-37.5°	634.6	568.8	500.3	431.6	355.6	284.0	219.5	163.8	106.0	58.5	29.9
-40°	590.9	527.0	460.3	393.0	323.8	256.1	199.6	146.7	97.7	51.4	27.3
-42.5°	544.9	481.7	418.7	354.4	292.3	232.3	178.2	128.4	84.9	46.1	23.9
-45°	494.2	435.1	376.0	318.6	260.5	206.8	156.6	109.4	70.8	41.2	21.3
-47.5°	442.3	388.5	335.2	282.2	230.7	180.2	133.7	92.6	56.0	35.3	20.6
-50°	392.5	343.5	295.7	248.4	200.0	153.5	110.7	75.0	47.4	27.7	19.7
-52.5°	351.7	301.3	258.8	215.5	169.6	125.6	90.2	57.5	38.4	24.2	18.5
-55°	311.4	262.7	224.0	180.8	137.6	101.0	68.8	46.9	29.0	22.3	17.2
-57.5°	274.9	227.8	185.0	143.6	108.1	76.6	53.0	35.9	25.1	20.4	16.4
-60°	235.7	184.7	142.2	109.7	79.8	56.6	40.2	27.4	22.9	18.6	15.4
-62.5°	181.3	138.2	105.2	77.3	57.3	41.9	28.9	24.8	20.6	17.4	14.4
-65°	129.1	96.7	69.5	54.8	40.5	29.9	26.0	22.1	19.0	16.2	13.5
-67.5°	78.5	63.2	48.7	35.7	30.1	26.6	23.0	20.2	17.6	14.9	12.7
-70°	52.4	39.6	33.1	29.8	26.5	23.4	20.9	18.6	16.1	13.9	12.0
-72.5°	35.7	32.1	28.8	25.9	23.2	20.9	18.9	16.9	14.8	12.9	11.1
-75°	29.8	27.0	24.4	22.0	20.0	18.2	16.8	15.3	13.4	11.8	10.6
-77.5°	23.7	21.6	19.7	18.2	16.9	15.8	14.7	13.6	12.2	11.1	10.1
-80°	18.5	17.3	16.1	15.0	14.1	13.3	12.8	12.3	11.3	10.4	9.6
-82.5°	14.5	13.7	12.9	12.1	11.7	11.5	11.3	11.1	10.4	9.7	9.1
-85°	11.5	10.9	10.2	9.6	9.6	9.7	10.0	10.2	9.7	9.2	8.7
-87.5°	9.7	9.4	9.1	8.9	9.1	9.3	9.4	9.5	9.1	8.7	8.2
-90°	4.8	5.2	5.5	5.9	5.9	5.9	5.9	5.9	6.3	6.7	7.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
87.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
85°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
82.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
80°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
77.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
75°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
72.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
70°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
67.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4
65°	7.5	7.5	7.4	7.4	7.4	7.4	7.4
62.5°	7.6	7.6	7.4	7.4	7.4	7.4	7.4
60°	7.7	7.7	7.4	7.4	7.4	7.4	7.4
57.5°	8.0	7.8	7.5	7.4	7.4	7.4	7.4
55°	8.3	8.0	7.7	7.4	7.4	7.4	7.4
52.5°	8.5	8.2	7.9	7.4	7.4	7.4	7.4
50°	8.7	8.3	8.0	7.4	7.4	7.4	7.4
47.5°	8.9	8.5	8.2	7.4	7.4	7.4	7.4
45°	8.9	8.6	8.4	7.6	7.4	7.4	7.4
42.5°	8.9	8.7	8.6	7.7	7.4	7.4	7.4
40°	8.9	8.8	8.7	7.8	7.4	7.4	7.4
37.5°	8.9	8.9	8.8	8.0	7.4	7.4	7.4
35°	8.9	8.9	8.8	8.1	7.4	7.4	7.4
32.5°	8.9	8.9	8.9	8.2	7.4	7.4	7.4
30°	9.1	8.9	8.9	8.3	7.4	7.4	7.4
27.5°	9.3	8.9	8.9	8.4	7.4	7.4	7.4
25°	9.4	8.9	8.9	8.5	7.4	7.4	7.4
22.5°	9.6	8.9	8.9	8.6	7.4	7.4	7.4
20°	9.8	9.0	8.9	8.6	7.4	7.4	7.4
17.5°	10.1	9.2	8.9	8.7	7.4	7.4	7.4
15°	10.4	9.3	8.9	8.7	7.4	7.4	7.4
12.5°	10.7	9.5	8.9	8.8	7.4	7.4	7.4
10°	10.9	9.7	8.9	8.8	7.4	7.4	7.4
7.5°	11.2	9.9	8.9	8.9	7.4	7.4	7.4
5°	11.4	10.0	8.9	8.9	7.4	7.4	7.4
2.5°	11.6	10.2	8.9	8.9	7.4	7.4	7.4
0°	11.8	10.4	8.9	8.9	7.4	7.4	7.4
-2.5°	12.6	10.5	9.0	8.9	7.5	7.4	7.4
-5°	13.3	10.7	9.2	8.9	7.5	7.4	7.4
-7.5°	14.0	10.8	9.3	8.9	7.6	7.4	7.4
-10°	14.6	10.9	9.4	8.8	7.7	7.4	7.4
-12.5°	15.1	11.0	9.5	8.8	7.7	7.4	7.4
-15°	15.4	11.1	9.6	8.8	7.8	7.4	7.4
-17.5°	15.7	11.1	9.6	8.8	7.8	7.4	7.4
-20°	16.2	11.2	9.7	8.8	7.9	7.4	7.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.2	11.2	9.7	8.8	7.9	7.4	7.4
-25°	17.7	11.5	9.7	8.7	7.9	7.4	7.4
-27.5°	17.9	11.8	9.7	8.7	7.9	7.4	7.4
-30°	17.5	12.1	9.6	8.8	7.9	7.4	7.4
-32.5°	16.6	12.2	9.7	8.8	8.0	7.4	7.4
-35°	16.4	12.3	9.7	8.8	7.9	7.4	7.4
-37.5°	16.4	12.3	9.7	8.8	7.9	7.4	7.4
-40°	16.3	12.2	9.7	8.9	7.9	7.4	7.4
-42.5°	16.1	12.1	9.7	8.9	7.9	7.4	7.4
-45°	15.6	12.0	9.7	9.0	7.8	7.4	7.4
-47.5°	15.1	11.8	9.7	9.0	7.8	7.4	7.4
-50°	14.6	11.5	9.7	8.9	7.7	7.4	7.4
-52.5°	14.2	11.2	9.7	8.8	7.7	7.4	7.4
-55°	13.7	11.0	9.7	8.6	7.6	7.4	7.4
-57.5°	13.0	10.8	9.6	8.5	7.5	7.4	7.4
-60°	12.4	10.6	9.4	8.4	7.4	7.4	7.4
-62.5°	12.0	10.3	9.2	8.2	7.4	7.4	7.4
-65°	11.5	10.0	9.0	8.1	7.4	7.4	7.4
-67.5°	10.9	9.7	8.8	7.9	7.4	7.4	7.4
-70°	10.4	9.5	8.6	7.7	7.4	7.4	7.4
-72.5°	10.0	9.2	8.4	7.7	7.4	7.4	7.4
-75°	9.6	8.9	8.1	7.7	7.4	7.4	7.4
-77.5°	9.3	8.6	8.0	7.6	7.4	7.4	7.4
-80°	8.9	8.3	7.9	7.6	7.4	7.4	7.4
-82.5°	8.5	8.1	7.8	7.5	7.4	7.4	7.4
-85°	8.2	7.9	7.7	7.5	7.4	7.4	7.4
-87.5°	7.8	7.6	7.5	7.4	7.4	7.4	7.4
-90°	7.4	7.4	7.4	7.4	7.4	7.4	7.4

(END OF REPORT)