

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: P1305693 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-2S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

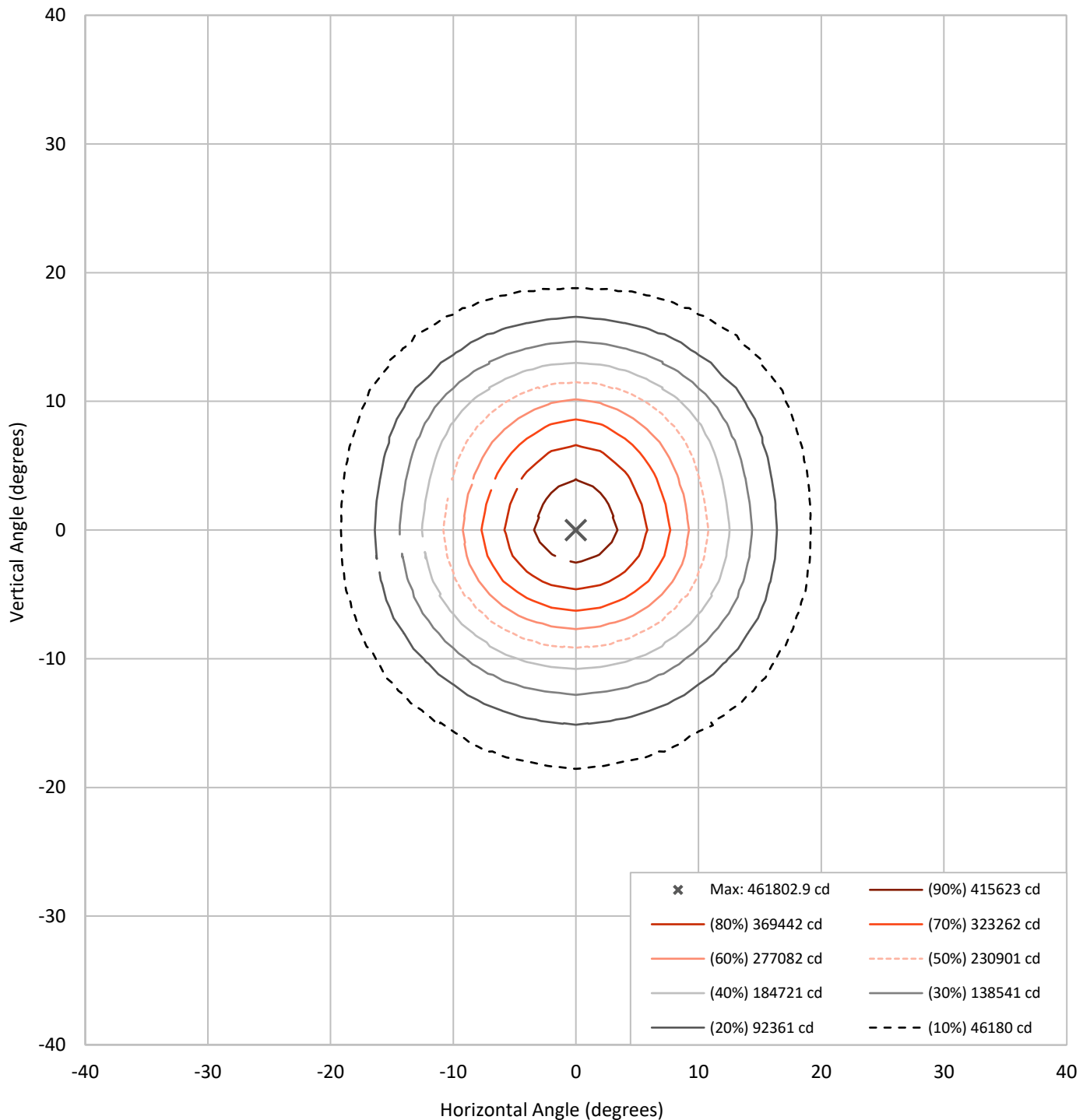
Test Method: LM-79-08  
Report Number: P1305693 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-70-2S-CV1-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	74673.9 lumens	Max Intensity:	461802.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	34675.2 lumens	Field Lumens:	63127.7 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	670		
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





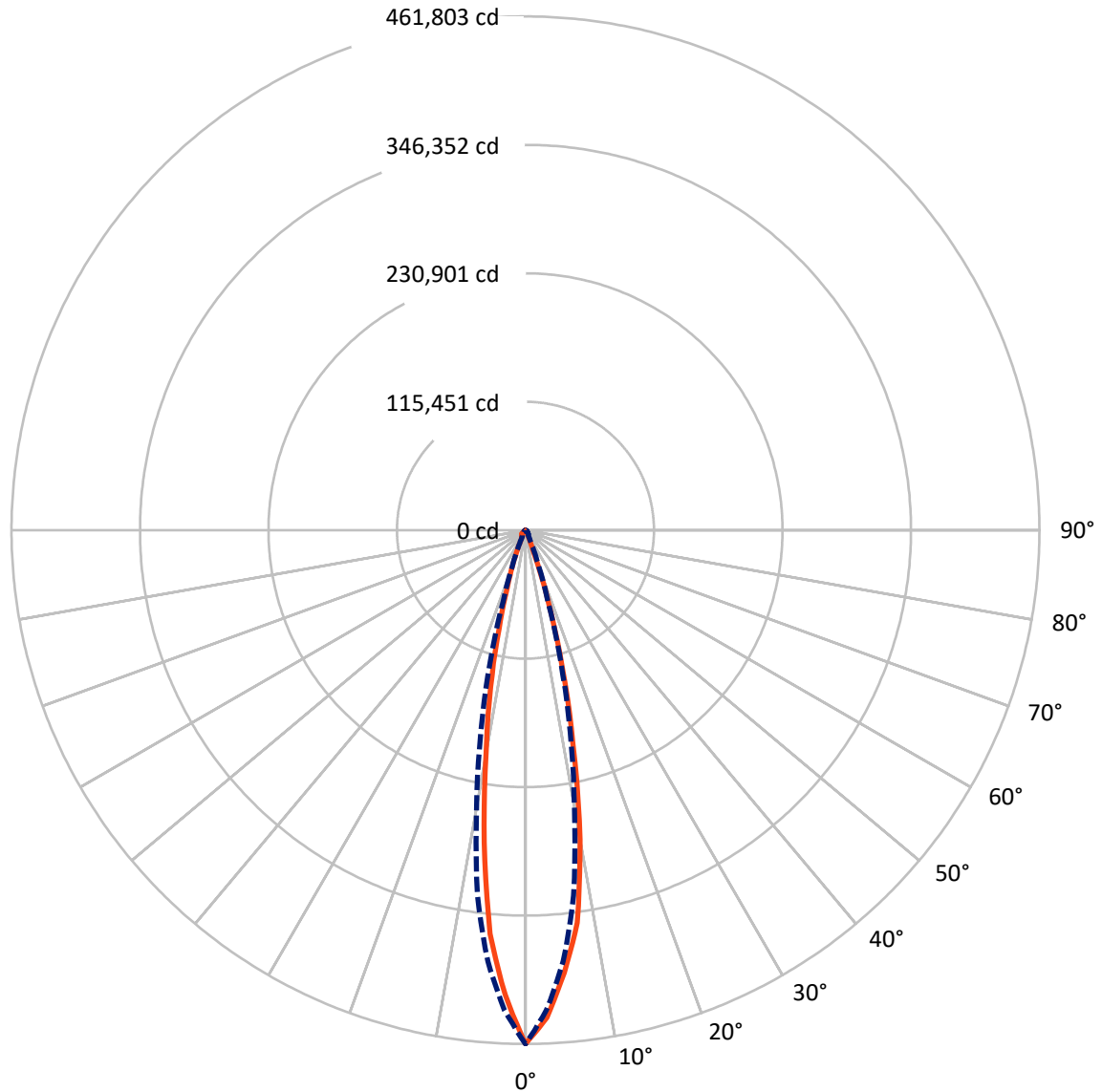
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### Lumen Table

90	0.1	0.3		0.5		0.5		0.4		0.5		0.5		0.3		0.1
80	0.1	0.3		0.5		0.5		0.4		0.5		0.5		0.3		0.1
70	0.1	0.1	0.2	0.6	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.6	0.2	0.1	0.1
60		0.1	0.4	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.6	0.4	0.1	
50	0.2	0.2	0.4	0.4	0.6	1.0	1.7	1.1	1.1	1.7	1.0	0.6	0.4	0.4	0.2	0.2
40		0.3	1.0	2.6	4.9	7.2	9.9	12.0	12.0	9.9	7.2	4.9	2.6	1.0	0.3	
30	0.2	0.5	4.8	15.1	35.7	54.2	93.8	177.8	177.8	93.8	54.2	35.7	15.1	4.8	0.5	0.2
20		1.4	10.0	39.9	91.5	171.0	1117.2	3462.0	3462.0	1117.2	171.0	91.5	39.9	10.0	1.4	
10	0.3	2.2	13.0	53.6	108.7	342.7	3283.7	9841.3	9841.3	3283.7	342.7	108.7	53.6	13.0	2.2	0.3
0		2.7	13.9	53.7	108.4	326.6	3088.3	8950.5	8950.5	3088.3	326.6	108.4	53.7	13.9	2.7	
-10	0.6	3.2	13.3	43.0	91.7	158.9	908.5	2630.7	2630.7	908.5	158.9	91.7	43.0	13.3	3.2	0.6
-20		3.3	12.5	30.5	82.1	122.6	186.3	360.1	360.1	186.3	122.6	82.1	30.5	12.5	3.3	
-30	0.5	2.9	10.8	22.9	57.3	119.0	154.6	172.9	172.9	154.6	119.0	57.3	22.9	10.8	2.9	0.5
-40		2.0	8.1	18.8	33.9	57.4	98.1	130.7	130.7	98.1	57.4	33.9	18.8	8.1	2.0	
-50	0.3	1.0	4.8	12.5	24.1	36.5	47.6	53.8	53.8	47.6	36.5	24.1	12.5	4.8	1.0	0.3
-60		0.4	1.6	5.1	10.6	17.0	23.4	27.1	27.1	23.4	17.0	10.6	5.1	1.6	0.4	
-70	0.2	1.0	4.8	12.5	24.1	36.5	47.6	53.8	53.8	47.6	36.5	24.1	12.5	4.8	1.0	0.3
-80		0.4	1.6	5.1	10.6	17.0	23.4	27.1	27.1	23.4	17.0	10.6	5.1	1.6	0.4	
-90	0.2	1.2		3.6		8.4		11.3		8.4		3.6		1.2		0.2

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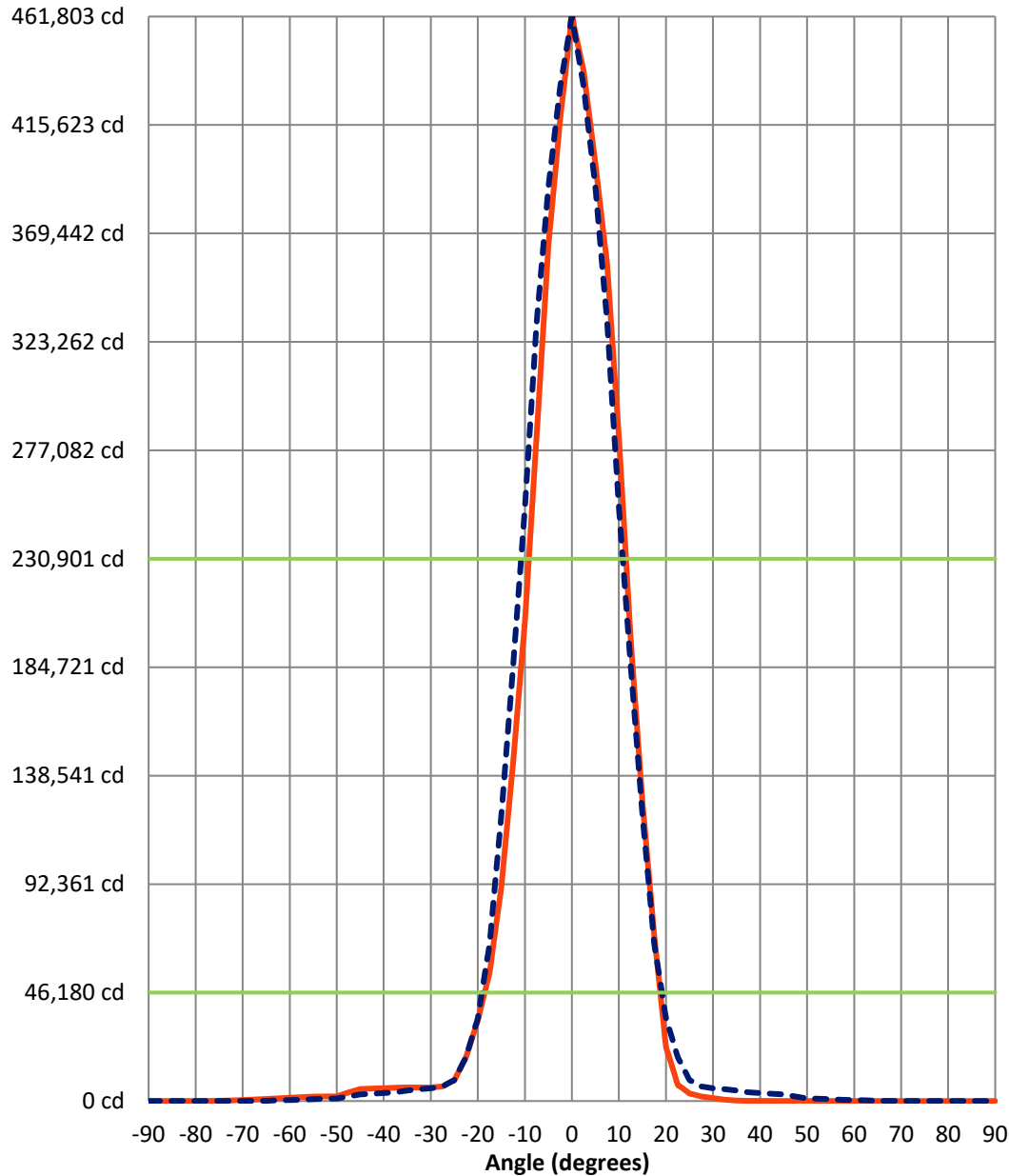
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.6°  
V Angle: 20.7°  
Lumens: 34675.2  
Efficiency: 46.4%

**Field:**  
H Angle: 38.3°  
V Angle: 37.3°  
Lumens: 63127.7  
Efficiency: 84.5%

**Spill:**  
Lumens: 11546.2  
Efficiency: 15.5%

— 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°	5.5	6.4	7.3	7.8	8.2	8.7	9.1	9.6	10.1	10.5	11.0
87.5°	5.5	5.5	5.5	5.1	4.8	4.4	4.2	4.1	4.0	3.9	3.7
85°	5.5	5.6	5.5	5.2	4.9	4.7	4.6	4.5	4.3	4.1	3.7
82.5°	5.5	5.6	5.5	5.2	5.1	5.0	5.1	4.9	4.6	4.4	4.2
80°	5.5	5.7	5.5	5.3	5.2	5.3	5.5	5.2	5.0	4.9	4.9
77.5°	5.5	5.7	5.5	5.4	5.4	5.5	5.5	5.3	5.3	5.4	5.5
75°	5.5	5.7	5.5	5.4	5.5	5.6	5.5	5.4	5.5	5.5	5.5
72.5°	5.5	5.8	5.5	5.5	5.7	5.8	5.6	5.5	5.5	5.5	5.5
70°	5.5	5.8	5.6	5.5	5.9	5.9	5.7	5.5	5.5	5.5	5.6
67.5°	5.5	5.9	5.6	5.7	6.0	6.1	5.7	5.5	5.5	5.8	5.7
65°	5.5	5.9	5.6	5.9	6.2	6.2	5.7	5.5	5.9	6.1	5.9
62.5°	5.5	6.0	5.7	6.1	6.4	6.2	5.8	5.8	6.3	6.4	6.0
60°	5.5	6.0	5.7	6.3	6.6	6.2	5.8	6.3	6.8	6.4	6.0
57.5°	5.5	6.1	5.9	6.4	6.7	6.3	6.3	6.8	6.9	6.5	6.6
55°	5.5	6.1	6.0	6.6	6.7	6.3	6.7	7.3	7.0	6.8	7.3
52.5°	5.5	6.2	6.2	6.8	6.8	6.5	7.2	7.5	7.1	7.4	8.1
50°	5.5	6.2	6.3	7.0	6.8	6.8	7.6	7.6	7.3	8.1	9.9
47.5°	5.5	6.3	6.4	7.2	6.9	7.2	8.0	7.6	7.9	8.7	11.6
45°	5.5	6.3	6.6	7.2	6.9	7.5	8.1	7.7	8.5	10.0	13.2
42.5°	5.5	6.4	6.7	7.3	7.0	7.9	8.2	8.1	9.2	11.2	15.2
40°	5.5	6.4	6.8	7.3	7.1	8.2	8.2	8.7	10.1	12.2	17.2
37.5°	5.5	6.5	6.8	7.4	7.4	8.5	8.3	9.4	11.1	13.6	19.1
35°	5.5	6.6	6.9	7.4	7.6	8.7	8.4	10.1	12.2	15.8	20.7
32.5°	5.5	6.6	7.0	7.5	7.9	8.8	8.7	10.7	13.2	18.1	22.9
30°	5.5	6.7	7.1	7.6	8.1	8.9	9.2	11.5	14.1	20.3	25.3
27.5°	5.5	6.7	7.1	7.7	8.3	8.9	9.8	12.3	15.4	22.6	27.9
25°	5.5	6.8	7.2	7.8	8.5	9.0	10.3	13.0	17.2	24.8	30.7
22.5°	5.5	6.8	7.2	7.9	8.7	9.1	10.8	13.8	19.0	27.0	35.7
20°	5.5	6.9	7.2	8.0	8.8	9.3	11.4	14.5	20.8	29.2	41.3
17.5°	5.5	7.0	7.2	8.1	8.9	9.4	11.9	15.1	22.5	31.4	47.4
15°	5.5	7.0	7.3	8.3	9.0	9.6	12.4	15.7	24.1	33.6	53.9
12.5°	5.5	7.1	7.3	8.4	9.0	9.9	12.9	16.3	25.4	35.8	60.5
10°	5.5	7.1	7.3	8.6	9.1	10.1	13.3	16.8	26.5	38.5	67.3
7.5°	5.5	7.2	7.3	8.7	9.1	10.3	13.7	17.2	27.5	41.4	74.1
5°	5.5	7.2	7.3	8.8	9.1	10.6	14.0	17.6	28.3	44.3	80.5
2.5°	5.5	7.3	7.3	9.0	9.1	10.8	14.3	18.0	28.9	47.0	86.3
0°	5.5	7.3	7.3	9.1	9.1	11.0	14.6	18.3	29.3	49.4	91.4
-2.5°	5.5	7.3	7.4	9.2	9.4	11.6	16.0	22.6	38.1	65.1	113.9
-5°	5.5	7.4	7.5	9.3	9.7	12.2	17.4	26.7	46.6	80.0	135.3
-7.5°	5.5	7.4	7.5	9.4	10.1	12.7	18.7	30.5	54.5	93.9	155.0
-10°	5.5	7.4	7.6	9.5	10.4	13.2	19.9	33.9	61.6	106.4	172.8
-12.5°	5.5	7.5	7.7	9.6	10.6	13.7	20.8	36.9	67.6	117.2	187.9
-15°	5.5	7.5	7.8	9.7	10.9	14.1	21.7	39.2	73.6	126.4	200.2
-17.5°	5.5	7.5	7.8	9.7	11.1	14.4	22.3	41.9	79.5	134.1	209.5
-20°	5.5	7.5	7.9	9.7	11.4	14.7	23.0	44.6	84.0	140.1	215.6



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 CATALOG NUMBER: EPH-08-640L-57-70-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.5	7.5	8.0	9.8	11.5	14.9	23.9	46.2	86.8	144.3	218.1
-25°	5.5	7.5	8.1	9.8	11.7	15.2	24.2	46.6	87.9	146.8	216.9
-27.5°	5.5	7.5	8.1	9.8	11.8	15.3	24.1	45.8	87.2	147.6	218.6
-30°	5.5	7.5	8.2	9.8	11.9	15.4	23.3	43.7	85.8	146.5	218.1
-32.5°	5.5	7.5	8.3	9.7	12.0	15.4	21.9	42.3	83.3	142.8	215.2
-35°	5.5	7.5	8.3	9.7	12.1	15.3	21.4	40.7	78.9	136.5	209.7
-37.5°	5.5	7.5	8.4	9.7	12.2	15.1	21.2	38.2	72.5	127.5	196.8
-40°	5.5	7.5	8.5	9.6	12.2	15.2	20.8	34.7	64.1	117.8	180.8
-42.5°	5.5	7.4	8.5	9.5	12.2	15.2	20.2	30.3	57.4	104.5	162.1
-45°	5.5	7.4	8.6	9.5	12.1	15.2	19.5	26.8	51.2	89.0	141.5
-47.5°	5.5	7.4	8.6	9.4	12.0	15.1	18.6	25.8	43.7	72.1	122.2
-50°	5.5	7.3	8.7	9.5	11.9	14.9	18.3	24.5	34.7	61.7	100.8
-52.5°	5.5	7.3	8.7	9.6	11.8	14.7	18.0	22.9	30.5	50.4	78.7
-55°	5.5	7.3	8.8	9.6	11.6	14.4	17.7	21.3	28.2	38.2	64.6
-57.5°	5.5	7.2	8.8	9.6	11.4	14.1	17.3	20.8	25.8	33.1	49.4
-60°	5.5	7.2	8.9	9.7	11.1	13.8	16.8	20.1	23.5	29.9	37.4
-62.5°	5.5	7.1	8.8	9.6	11.0	13.4	16.2	19.4	22.5	26.5	33.4
-65°	5.5	7.1	8.7	9.6	10.9	12.9	15.6	18.5	21.5	24.7	29.1
-67.5°	5.5	7.0	8.5	9.6	10.7	12.5	15.0	17.6	20.3	23.3	26.6
-70°	5.5	7.0	8.4	9.5	10.5	12.1	14.2	16.6	19.1	21.8	24.8
-72.5°	5.5	6.9	8.3	9.3	10.3	11.6	13.5	15.5	17.7	20.2	22.8
-75°	5.5	6.8	8.2	9.1	10.0	11.2	12.7	14.5	16.4	18.5	20.8
-77.5°	5.5	6.8	8.0	8.9	9.8	10.7	11.9	13.5	15.2	16.8	18.6
-80°	5.5	6.7	7.9	8.7	9.5	10.2	11.1	12.5	14.0	15.5	17.0
-82.5°	5.5	6.6	7.8	8.5	9.1	9.8	10.5	11.6	12.8	14.2	15.5
-85°	5.5	6.6	7.6	8.2	8.8	9.5	10.1	11.0	11.9	12.9	14.0
-87.5°	5.5	6.5	7.5	8.0	8.5	9.1	9.6	10.3	11.0	11.7	12.5
-90°	5.5	5.5	5.5	5.1	4.6	4.2	3.7	3.7	3.7	3.7	3.7



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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°	11.0	11.0	11.0	11.0	11.5	11.9	12.4	12.8	13.3	13.7	14.2
87.5°	3.4	3.2	3.0	2.9	2.7	2.4	2.1	1.8	1.8	1.8	1.8
85°	3.7	3.7	3.7	3.7	3.2	2.8	2.3	1.8	1.8	1.8	1.8
82.5°	4.2	4.2	4.0	3.7	3.3	2.8	2.4	2.1	2.1	2.1	2.0
80°	4.9	4.7	4.2	3.8	3.5	3.3	3.3	3.4	3.2	2.9	2.7
77.5°	5.2	4.7	4.3	3.8	3.8	4.1	4.4	4.6	4.6	4.4	4.2
75°	5.2	4.8	4.5	4.5	4.8	5.2	5.5	5.5	5.3	5.2	5.2
72.5°	5.3	5.1	5.2	5.5	5.5	5.5	5.5	5.5	7.0	9.0	10.4
70°	5.4	5.5	5.5	5.5	5.5	6.0	8.6	12.2	15.9	17.9	19.8
67.5°	5.5	5.5	5.5	5.7	7.0	9.8	13.9	21.8	30.2	32.3	32.0
65°	5.5	5.5	6.2	7.4	8.9	15.7	24.3	34.2	41.5	40.4	37.8
62.5°	5.5	6.2	7.4	10.1	15.5	23.6	31.4	38.5	45.5	44.3	38.1
60°	6.2	7.1	10.2	15.6	21.5	27.4	34.8	39.4	44.0	45.1	34.4
57.5°	7.1	9.3	14.4	20.0	25.1	29.4	32.1	36.2	37.7	36.7	26.9
55°	8.6	12.3	17.8	23.2	26.8	25.7	27.4	28.7	28.1	26.0	19.1
52.5°	11.1	15.2	20.6	25.1	25.6	23.2	21.6	21.8	20.1	17.2	14.9
50°	13.4	18.0	23.0	25.6	24.4	20.8	17.3	16.7	15.6	14.1	12.8
47.5°	15.9	20.8	24.8	26.1	22.6	19.4	15.9	14.8	14.0	14.4	13.6
45°	18.3	22.9	26.9	24.7	21.6	19.0	17.6	14.6	16.4	17.5	18.2
42.5°	20.6	24.8	26.5	23.6	21.9	21.8	21.5	20.8	21.8	26.3	28.9
40°	22.3	26.6	26.5	25.9	24.0	27.5	30.9	33.6	33.8	39.7	44.4
37.5°	23.8	27.3	28.8	32.5	30.8	37.3	43.0	65.9	66.9	55.3	75.0
35°	25.3	28.7	37.9	48.3	52.4	51.0	83.2	113.3	120.7	108.6	128.9
32.5°	26.8	30.8	50.2	74.5	96.6	98.1	135.0	182.9	208.1	216.6	227.7
30°	29.7	42.2	69.3	107.7	160.7	204.0	221.6	273.1	319.5	412.5	477.6
27.5°	35.0	57.1	101.0	166.8	248.1	329.9	358.0	393.8	515.5	680.3	843.3
25°	41.4	88.7	137.3	245.1	369.4	460.3	496.0	544.2	774.2	1092.6	1279.9
22.5°	57.9	129.3	192.1	335.3	503.9	587.2	633.9	807.2	1159.0	1581.9	1771.7
20°	87.7	177.7	258.8	410.7	639.0	713.3	765.6	1126.1	1638.2	2040.0	2337.6
17.5°	122.0	226.3	325.1	490.1	697.5	809.2	918.6	1478.2	2140.4	2493.7	2844.1
15°	159.7	274.5	382.5	560.8	750.5	866.8	1154.0	1876.6	2594.4	2939.0	3288.7
12.5°	199.8	322.0	431.8	622.9	802.8	920.4	1367.9	2160.7	2837.0	3290.3	3709.9
10°	240.7	368.4	473.9	676.5	853.5	970.1	1567.9	2402.1	2965.6	3368.9	3844.2
7.5°	268.3	398.7	506.6	721.9	901.5	1015.8	1749.1	2601.3	3052.9	3408.3	3830.6
5°	290.1	410.1	519.2	754.2	941.1	1051.8	1891.9	2758.6	3105.9	3414.4	3759.8
2.5°	307.5	417.8	529.0	779.3	972.7	1074.8	1939.2	2807.1	3116.5	3414.1	3725.8
0°	320.0	422.4	535.8	797.3	998.4	1093.5	1949.3	2817.8	3108.6	3406.6	3739.5
-2.5°	331.3	435.4	556.8	812.6	999.5	1095.6	1939.6	2805.3	3143.7	3489.1	3886.6
-5°	338.2	445.8	574.1	820.3	995.6	1094.3	1895.5	2755.3	3140.0	3490.5	3911.0
-7.5°	341.5	453.8	586.8	819.4	981.9	1079.4	1778.3	2595.3	3016.6	3346.8	3787.5
-10°	342.7	463.4	595.2	802.0	956.2	1054.5	1627.1	2405.4	2880.2	3189.5	3617.1
-12.5°	345.8	474.5	600.5	782.4	930.7	1026.2	1456.0	2189.6	2732.3	3020.8	3422.5
-15°	345.6	483.1	603.2	762.2	907.0	994.6	1269.3	1951.6	2622.2	2988.7	3317.0
-17.5°	342.4	489.1	603.4	742.8	886.5	959.5	1077.1	1741.2	2531.2	2975.5	3294.1
-20°	336.5	492.5	601.6	725.5	867.5	944.8	1040.5	1537.5	2289.2	2928.7	3285.0



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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°	328.0	493.5	599.5	716.8	852.5	949.5	1031.6	1314.2	1969.5	2850.9	3223.8
-25°	323.4	479.0	597.0	706.6	836.6	955.2	1022.4	1108.3	1653.7	2459.5	3080.2
-27.5°	320.9	462.3	583.4	689.7	816.2	953.8	1023.2	1095.9	1386.5	2012.8	2858.4
-30°	313.4	434.8	564.9	667.6	792.3	926.9	1029.9	1086.9	1168.5	1654.3	2344.3
-32.5°	297.8	405.9	534.6	643.5	760.9	895.5	1022.9	1086.6	1156.3	1300.4	1857.4
-35°	281.2	383.2	499.7	613.7	722.4	853.0	977.6	1084.3	1144.5	1219.1	1468.1
-37.5°	268.1	357.6	464.2	577.2	684.4	801.9	927.5	1045.2	1135.4	1210.6	1305.5
-40°	251.6	329.3	431.6	537.6	642.5	751.1	868.6	987.1	1100.9	1215.0	1301.5
-42.5°	231.7	307.3	397.7	497.2	597.8	702.1	807.1	921.4	1054.1	1197.8	1308.7
-45°	208.1	281.6	362.2	454.4	548.9	649.2	750.7	854.0	993.9	1141.5	1280.6
-47.5°	181.5	252.1	328.9	408.3	497.5	591.0	689.8	797.9	920.7	1061.6	1213.1
-50°	153.4	218.9	290.6	364.3	443.9	530.3	621.6	730.8	846.3	969.8	1106.6
-52.5°	126.9	182.5	248.8	319.2	391.3	468.7	554.3	652.0	760.3	875.2	990.2
-55°	98.3	148.3	203.7	269.5	338.7	408.3	483.2	569.9	664.1	768.9	871.9
-57.5°	76.2	112.8	160.5	215.5	280.0	347.5	413.8	484.2	566.6	656.0	742.9
-60°	57.7	82.8	118.0	164.6	216.3	277.0	340.6	404.8	471.1	537.5	611.6
-62.5°	40.9	60.3	83.6	114.4	158.6	203.8	256.9	316.0	378.6	435.6	490.2
-65°	35.8	41.5	57.4	79.1	101.8	139.2	179.5	220.8	272.5	323.6	375.6
-67.5°	30.5	35.7	40.8	49.0	68.6	88.1	107.6	142.7	178.6	211.2	246.1
-70°	27.6	30.2	34.4	39.0	43.5	51.7	68.6	85.5	101.9	121.3	148.8
-72.5°	25.2	27.3	29.7	32.3	36.1	40.1	44.0	47.8	57.5	70.8	83.4
-75°	22.7	24.4	26.3	28.4	30.6	33.0	35.7	39.0	42.1	45.1	48.1
-77.5°	20.3	21.8	23.2	24.7	26.1	28.0	29.9	32.0	33.8	35.6	37.4
-80°	18.0	19.1	20.4	21.6	22.6	23.7	24.8	26.0	27.0	28.0	29.2
-82.5°	16.2	16.9	17.6	18.5	19.2	19.8	20.3	21.0	21.9	22.9	23.7
-85°	14.3	14.6	15.0	15.4	16.1	16.8	17.4	18.0	18.4	18.9	19.4
-87.5°	12.7	12.8	12.9	13.1	13.7	14.2	14.8	15.4	15.6	15.8	16.0
-90°	3.2	2.8	2.3	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	14.6	14.6	14.6	14.6	14.6	15.1	15.6	16.0	16.5	16.5	16.5
87.5°	1.8	1.7	1.7	1.6	1.6	1.3	0.8	0.4	0.0	0.0	0.0
85°	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	2.4	2.4	2.3	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	4.0	3.6	3.2	2.6	2.0	1.8	1.8	1.8	1.8	1.8	1.8
75°	5.3	5.2	5.0	4.5	3.8	3.6	3.6	3.6	3.4	3.4	3.5
72.5°	11.1	11.0	10.4	9.6	8.3	7.6	7.4	7.1	6.6	6.4	6.2
70°	20.3	19.6	18.4	16.4	13.6	11.7	10.7	9.4	7.9	7.2	7.2
67.5°	29.2	26.2	23.6	20.8	17.1	14.0	12.3	10.7	9.2	8.5	8.2
65°	33.6	26.9	22.4	18.9	16.2	13.7	11.8	10.1	8.6	7.7	7.5
62.5°	30.9	22.3	17.7	14.8	12.5	10.8	9.5	8.2	6.9	6.1	6.4
60°	25.2	17.2	13.2	11.6	10.3	9.2	8.0	6.9	6.1	5.6	6.1
57.5°	19.3	13.8	10.9	10.1	9.1	7.9	7.0	6.8	6.6	6.7	7.0
55°	14.4	12.2	11.0	9.7	8.6	7.7	7.4	7.6	7.6	7.3	7.3
52.5°	12.3	11.3	10.0	8.8	8.6	8.7	9.0	8.6	8.4	8.4	8.6
50°	12.0	11.0	10.0	9.1	9.4	9.5	9.2	9.5	10.0	10.3	10.4
47.5°	12.9	12.2	12.8	10.8	11.3	12.6	12.7	12.9	14.6	15.3	15.6
45°	17.0	20.8	20.8	19.2	18.5	26.7	27.3	22.9	37.2	35.7	25.1
42.5°	31.6	33.5	33.5	42.0	56.8	64.8	85.9	119.5	111.9	86.9	52.6
40°	52.2	49.6	60.5	77.7	94.9	115.2	144.1	201.3	191.6	153.4	168.6
37.5°	90.1	90.1	95.3	119.1	125.8	108.3	153.9	148.7	118.5	166.6	176.3
35°	164.7	181.2	153.8	190.8	195.7	180.0	188.8	208.7	180.5	216.0	231.2
32.5°	295.8	326.4	330.4	339.4	366.6	387.5	381.7	430.4	432.8	478.8	541.7
30°	472.8	536.2	601.9	612.1	646.0	701.1	728.8	826.9	930.8	998.8	1123.9
27.5°	831.1	846.7	978.8	1082.8	1041.5	1123.9	1330.4	1450.0	1648.7	1767.1	1892.9
25°	1334.8	1378.0	1564.0	1755.7	1781.2	1856.6	2156.5	2327.7	2532.4	2652.0	2911.4
22.5°	1974.1	2159.9	2364.7	2616.8	2720.3	2897.3	3188.9	3440.0	3866.5	4394.1	5531.1
20°	2686.2	2965.4	3240.8	3462.2	3675.5	3957.1	4311.9	5523.6	6959.4	11285.3	14270.1
17.5°	3295.6	3753.0	4016.2	4230.5	4498.3	5041.5	6450.0	10020.6	16906.4	26537.6	35353.6
15°	3769.5	4196.5	4619.8	4888.6	5306.8	6509.4	9375.2	18132.2	32400.5	48658.8	68332.8
12.5°	4145.1	4499.8	4855.2	5250.7	6023.8	8367.5	15658.3	29182.1	49930.7	76211.1	111089.7
10°	4348.0	4702.9	5045.9	5609.0	7039.8	11307.6	21525.4	39360.1	71925.0	112969.1	157419.4
7.5°	4346.6	4779.2	5203.4	5890.1	8075.4	14821.0	28436.7	52570.6	91089.1	142546.9	199772.5
5°	4344.2	4867.7	5312.1	6087.2	8723.2	17218.5	32726.6	59886.7	106693.6	164763.8	226038.4
2.5°	4386.3	4962.5	5382.3	6216.9	9023.3	18505.1	35106.3	65665.2	117603.1	177409.4	242886.1
0°	4485.5	5046.9	5423.6	6230.0	8987.5	18770.4	35383.1	67063.2	121801.9	185340.5	252530.8
-2.5°	4649.6	5034.8	5400.2	6177.4	8867.7	18222.9	34736.6	65843.7	116936.7	176515.0	241542.8
-5°	4550.8	4861.9	5185.2	5884.4	8279.6	16303.5	31290.0	58919.4	102558.4	156060.0	211765.3
-7.5°	4297.3	4612.6	4912.1	5515.0	7431.8	13454.2	25595.6	47331.4	81416.4	123083.1	166836.1
-10°	4066.3	4349.0	4630.9	5113.2	6350.0	9868.2	18315.9	33497.2	59443.3	90852.7	124289.0
-12.5°	3888.3	4125.8	4343.0	4666.2	5354.0	7318.9	13325.0	24592.4	39917.3	59914.2	84384.6
-15°	3731.7	3916.3	4076.1	4387.2	4898.4	5925.0	8302.9	14739.9	24288.8	36889.0	50250.6
-17.5°	3586.8	3763.9	3952.6	4189.6	4511.5	5004.3	6370.4	9078.0	14586.8	22817.6	30697.9
-20°	3512.8	3729.4	3891.7	4077.1	4350.3	4728.9	5209.0	6552.1	8822.7	13881.1	19004.9



REPORT NUMBER: P1305693 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-640L-57-70-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3454.3	3661.0	3846.1	4061.2	4341.7	4640.6	4899.7	5309.9	6381.2	7969.8	10614.8
-25°	3383.2	3586.9	3860.6	4173.7	4414.8	4640.7	4772.2	4857.8	5317.4	5771.5	6784.2
-27.5°	3248.0	3570.9	3972.8	4310.9	4570.3	4710.6	4816.4	4885.7	5161.3	5432.0	5726.7
-30°	3127.3	3622.2	4056.2	4449.3	4675.1	4846.4	4984.5	5109.4	5299.8	5529.1	5636.3
-32.5°	2698.7	3608.3	4091.0	4452.9	4684.9	4887.1	5099.8	5215.2	5383.0	5550.9	5686.3
-35°	2119.7	3044.1	4053.4	4260.6	4490.9	4754.5	5010.0	5174.2	5345.0	5518.0	5677.4
-37.5°	1587.9	2279.2	3097.7	3846.3	4155.3	4425.2	4738.9	4991.8	5215.4	5404.0	5585.6
-40°	1391.9	1579.4	2181.5	2776.1	3407.5	3987.1	4297.2	4635.8	4972.2	5205.2	5412.4
-42.5°	1389.7	1461.5	1523.0	1921.5	2407.3	2905.7	3433.2	3924.7	4472.0	4855.6	5146.7
-45°	1398.5	1454.5	1511.8	1569.5	1622.5	1989.2	2373.8	2763.8	3334.9	3902.0	4392.2
-47.5°	1332.0	1439.9	1508.5	1563.9	1616.3	1667.8	1718.1	1823.3	2188.4	2574.9	2928.1
-50°	1226.4	1337.6	1439.8	1542.3	1602.4	1653.3	1708.0	1768.1	1826.6	1886.0	1925.4
-52.5°	1096.9	1206.4	1312.7	1410.0	1497.5	1583.6	1669.7	1739.5	1801.9	1862.8	1893.1
-55°	973.1	1071.6	1168.5	1254.0	1339.5	1424.3	1509.9	1595.0	1679.6	1762.6	1805.1
-57.5°	835.6	931.3	1022.5	1094.5	1167.0	1239.4	1317.2	1397.1	1474.3	1544.9	1582.2
-60°	689.9	771.8	849.9	919.8	987.8	1053.2	1119.1	1185.8	1251.0	1308.5	1342.3
-62.5°	544.8	608.1	673.2	734.1	792.0	847.8	907.9	965.4	1019.6	1065.3	1097.2
-65°	426.4	473.8	515.4	557.7	600.6	649.6	699.1	746.0	789.9	826.2	853.4
-67.5°	289.6	333.0	371.2	407.1	440.0	473.4	509.0	543.1	575.4	602.2	623.3
-70°	175.2	199.6	221.4	245.6	274.2	302.4	330.5	356.5	380.1	399.5	414.8
-72.5°	95.2	105.5	116.6	134.1	150.0	166.0	181.8	196.3	209.4	221.0	231.1
-75°	51.2	55.6	63.7	70.9	77.3	83.8	90.1	95.8	101.0	105.3	108.8
-77.5°	39.5	41.7	43.6	45.4	46.9	48.3	49.7	51.0	52.3	53.5	54.6
-80°	30.4	31.8	33.3	34.7	36.0	37.0	37.8	38.4	38.9	39.7	40.5
-82.5°	24.4	25.0	25.7	26.4	27.2	27.9	28.7	29.4	30.1	30.4	30.7
-85°	19.9	20.2	20.5	20.7	20.9	21.1	21.4	21.5	21.7	21.7	21.8
-87.5°	16.2	16.2	16.2	16.3	16.3	16.8	17.3	17.8	18.2	18.3	18.3
-90°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.0
87.5°	0.0	0.0	0.9	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.4
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.4	3.6
72.5°	5.9	5.5	5.5	5.5	5.5	5.5	5.9	6.2	6.4	6.6	7.1
70°	7.2	7.2	7.3	7.3	7.3	7.2	7.2	7.2	7.2	7.9	9.4
67.5°	7.8	7.4	6.5	5.5	6.5	7.4	7.8	8.2	8.5	9.2	10.7
65°	7.4	7.3	6.5	5.5	6.5	7.3	7.4	7.5	7.7	8.6	10.1
62.5°	6.7	7.2	6.5	5.5	6.5	7.2	6.7	6.4	6.1	6.9	8.2
60°	6.6	7.2	7.3	7.3	7.3	7.2	6.6	6.1	5.6	6.1	6.9
57.5°	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.0	6.7	6.6	6.8
55°	7.3	7.3	8.0	9.1	8.0	7.3	7.3	7.3	7.3	7.6	7.6
52.5°	8.8	9.0	9.1	9.1	9.1	9.0	8.8	8.6	8.4	8.4	8.6
50°	10.7	10.9	11.0	11.0	11.0	10.9	10.7	10.4	10.3	10.0	9.5
47.5°	15.5	14.9	14.5	14.6	14.5	14.9	15.5	15.6	15.3	14.6	12.9
45°	25.5	25.4	25.4	25.6	25.4	25.4	25.5	25.1	35.7	37.2	22.9
42.5°	51.2	46.1	42.2	43.9	42.2	46.1	51.2	52.6	86.9	111.9	119.5
40°	150.4	103.3	59.8	60.3	59.8	103.3	150.4	168.6	153.4	191.6	201.3
37.5°	140.6	113.4	102.3	100.6	102.3	113.4	140.6	176.3	166.6	118.5	148.7
35°	232.0	230.6	220.4	219.4	220.4	230.6	232.0	231.2	216.0	180.5	208.7
32.5°	566.0	589.3	581.8	572.3	581.8	589.3	566.0	541.7	478.8	432.8	430.4
30°	1183.2	1234.8	1224.3	1252.6	1224.3	1234.8	1183.2	1123.9	998.8	930.8	826.9
27.5°	1962.5	1996.2	1961.4	1951.1	1961.4	1996.2	1962.5	1892.9	1767.1	1648.7	1450.0
25°	3088.8	3154.1	3184.2	3245.7	3184.2	3154.1	3088.8	2911.4	2652.0	2532.4	2327.7
22.5°	6944.6	7349.3	7141.5	6955.9	7141.5	7349.3	6944.6	5531.1	4394.1	3866.5	3440.0
20°	20380.6	23980.2	23714.9	23241.3	23714.9	23980.2	20380.6	14270.1	11285.3	6959.4	5523.6
17.5°	49143.6	60202.2	67089.1	70713.1	67089.1	60202.2	49143.6	35353.6	26537.6	16906.4	10020.6
15°	91681.4	110282.0	121203.2	127397.3	121203.2	110282.0	91681.4	68332.8	48658.8	32400.5	18132.2
12.5°	144621.2	173775.0	193115.8	196813.0	193115.8	173775.0	144621.2	111089.7	76211.1	49930.7	29182.1
10°	202915.1	240254.4	271048.9	282280.0	271048.9	240254.4	202915.1	157419.4	112969.1	71925.0	39360.1
7.5°	252700.0	300349.2	341239.9	355783.6	341239.9	300349.2	252700.0	199772.5	142546.9	91089.1	52570.6
5°	288901.4	352110.0	389122.9	399110.0	389122.9	352110.0	288901.4	226038.4	164763.8	106693.6	59886.7
2.5°	318369.6	378370.1	418053.1	438513.2	418053.1	378370.1	318369.6	242886.1	177409.4	117603.1	65665.2
0°	331326.3	388986.9	431784.9	461802.9	431784.9	388986.9	331326.3	252530.8	185340.5	121801.9	67063.2
-2.5°	315403.6	374369.7	404814.0	417970.9	404814.0	374369.7	315403.6	241542.8	176515.0	116936.7	65843.7
-5°	268159.0	323745.2	354344.0	364065.2	354344.0	323745.2	268159.0	211765.3	156060.0	102558.4	58919.4
-7.5°	209175.2	247685.3	274085.0	283285.8	274085.0	247685.3	209175.2	166836.1	123083.1	81416.4	47331.4
-10°	157504.3	185122.7	199269.9	204051.5	199269.9	185122.7	157504.3	124289.0	90852.7	59443.3	33497.2
-12.5°	108151.1	128942.2	138087.1	144095.0	138087.1	128942.2	108151.1	84384.6	59914.2	39917.3	24592.4
-15°	66526.7	80081.0	87281.8	91392.5	87281.8	80081.0	66526.7	50250.6	36889.0	24288.8	14739.9
-17.5°	40418.4	47786.2	52558.3	54720.3	52558.3	47786.2	40418.4	30697.9	22817.6	14586.8	9078.0
-20°	25092.8	29998.4	32784.7	34382.8	32784.7	29998.4	25092.8	19004.9	13881.1	8822.7	6552.1



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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°	14096.3	16788.0	18297.4	18823.4	18297.4	16788.0	14096.3	10614.8	7969.8	6381.2	5309.9
-25°	7838.9	8523.9	8823.8	8894.2	8823.8	8523.9	7838.9	6784.2	5771.5	5317.4	4857.8
-27.5°	5982.1	6128.2	6220.7	6248.3	6220.7	6128.2	5982.1	5726.7	5432.0	5161.3	4885.7
-30°	5738.1	5753.4	5778.8	5774.7	5778.8	5753.4	5738.1	5636.3	5529.1	5299.8	5109.4
-32.5°	5781.7	5787.3	5792.4	5783.8	5792.4	5787.3	5781.7	5686.3	5550.9	5383.0	5215.2
-35°	5764.5	5781.0	5794.0	5800.3	5794.0	5781.0	5764.5	5677.4	5518.0	5345.0	5174.2
-37.5°	5657.8	5680.6	5691.8	5681.4	5691.8	5680.6	5657.8	5585.6	5404.0	5215.4	4991.8
-40°	5462.2	5478.7	5479.8	5471.1	5479.8	5478.7	5462.2	5412.4	5205.2	4972.2	4635.8
-42.5°	5235.4	5293.1	5320.4	5321.2	5320.4	5293.1	5235.4	5146.7	4855.6	4472.0	3924.7
-45°	4702.9	4943.9	5087.0	5121.9	5087.0	4943.9	4702.9	4392.2	3902.0	3334.9	2763.8
-47.5°	3210.4	3449.9	3605.7	3664.5	3605.7	3449.9	3210.4	2928.1	2574.9	2188.4	1823.3
-50°	1954.2	1983.2	1995.9	1993.2	1995.9	1983.2	1954.2	1925.4	1886.0	1826.6	1768.1
-52.5°	1916.3	1939.2	1953.3	1960.2	1953.3	1939.2	1916.3	1893.1	1862.8	1801.9	1739.5
-55°	1840.0	1868.8	1883.6	1887.1	1883.6	1868.8	1840.0	1805.1	1762.6	1679.6	1595.0
-57.5°	1613.5	1638.5	1652.8	1658.5	1652.8	1638.5	1613.5	1582.2	1544.9	1474.3	1397.1
-60°	1369.6	1390.5	1399.7	1400.7	1399.7	1390.5	1369.6	1342.3	1308.5	1251.0	1185.8
-62.5°	1123.6	1144.5	1151.4	1150.2	1151.4	1144.5	1123.6	1097.2	1065.3	1019.6	965.4
-65°	876.1	894.2	897.8	894.2	897.8	894.2	876.1	853.4	826.2	789.9	746.0
-67.5°	641.0	655.1	659.3	658.3	659.3	655.1	641.0	623.3	602.2	575.4	543.1
-70°	427.1	436.2	435.9	431.5	435.9	436.2	427.1	414.8	399.5	380.1	356.5
-72.5°	239.7	246.6	252.2	256.0	252.2	246.6	239.7	231.1	221.0	209.4	196.3
-75°	111.6	113.8	116.6	118.9	116.6	113.8	111.6	108.8	105.3	101.0	95.8
-77.5°	55.6	56.4	57.5	58.5	57.5	56.4	55.6	54.6	53.5	52.3	51.0
-80°	41.2	41.9	42.1	42.1	42.1	41.9	41.2	40.5	39.7	38.9	38.4
-82.5°	30.9	31.0	31.1	31.1	31.1	31.0	30.9	30.7	30.4	30.1	29.4
-85°	21.8	21.9	22.8	23.8	22.8	21.9	21.8	21.8	21.7	21.7	21.5
-87.5°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.2	17.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.6	15.1	14.6	14.6	14.6	14.6	14.6	14.2	13.7	13.3	12.8
87.5°	0.8	1.3	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8
85°	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.1	2.1
80°	1.8	1.8	1.8	2.1	2.3	2.4	2.4	2.7	2.9	3.2	3.4
77.5°	1.8	1.8	2.0	2.6	3.2	3.6	4.0	4.2	4.4	4.6	4.6
75°	3.6	3.6	3.8	4.5	5.0	5.2	5.3	5.2	5.2	5.3	5.5
72.5°	7.4	7.6	8.3	9.6	10.4	11.0	11.1	10.4	9.0	7.0	5.5
70°	10.7	11.7	13.6	16.4	18.4	19.6	20.3	19.8	17.9	15.9	12.2
67.5°	12.3	14.0	17.1	20.8	23.6	26.2	29.2	32.0	32.3	30.2	21.8
65°	11.8	13.7	16.2	18.9	22.4	26.9	33.6	37.8	40.4	41.5	34.2
62.5°	9.5	10.8	12.5	14.8	17.7	22.3	30.9	38.1	44.3	45.5	38.5
60°	8.0	9.2	10.3	11.6	13.2	17.2	25.2	34.4	45.1	44.0	39.4
57.5°	7.0	7.9	9.1	10.1	10.9	13.8	19.3	26.9	36.7	37.7	36.2
55°	7.4	7.7	8.6	9.7	11.0	12.2	14.4	19.1	26.0	28.1	28.7
52.5°	9.0	8.7	8.6	8.8	10.0	11.3	12.3	14.9	17.2	20.1	21.8
50°	9.2	9.5	9.4	9.1	10.0	11.0	12.0	12.8	14.1	15.6	16.7
47.5°	12.7	12.6	11.3	10.8	12.8	12.2	12.9	13.6	14.4	14.0	14.8
45°	27.3	26.7	18.5	19.2	20.8	20.8	17.0	18.2	17.5	16.4	14.6
42.5°	85.9	64.8	56.8	42.0	33.5	33.5	31.6	28.9	26.3	21.8	20.8
40°	144.1	115.2	94.9	77.7	60.5	49.6	52.2	44.4	39.7	33.8	33.6
37.5°	153.9	108.3	125.8	119.1	95.3	90.1	90.1	75.0	55.3	66.9	65.9
35°	188.8	180.0	195.7	190.8	153.8	181.2	164.7	128.9	108.6	120.7	113.3
32.5°	381.7	387.5	366.6	339.4	330.4	326.4	295.8	227.7	216.6	208.1	182.9
30°	728.8	701.1	646.0	612.1	601.9	536.2	472.8	477.6	412.5	319.5	273.1
27.5°	1330.4	1123.9	1041.5	1082.8	978.8	846.7	831.1	843.3	680.3	515.5	393.8
25°	2156.5	1856.6	1781.2	1755.7	1564.0	1378.0	1334.8	1279.9	1092.6	774.2	544.2
22.5°	3188.9	2897.3	2720.3	2616.8	2364.7	2159.9	1974.1	1771.7	1581.9	1159.0	807.2
20°	4311.9	3957.1	3675.5	3462.2	3240.8	2965.4	2686.2	2337.6	2040.0	1638.2	1126.1
17.5°	6450.0	5041.5	4498.3	4230.5	4016.2	3753.0	3295.6	2844.1	2493.7	2140.4	1478.2
15°	9375.2	6509.4	5306.8	4888.6	4619.8	4196.5	3769.5	3288.7	2939.0	2594.4	1876.6
12.5°	15658.3	8367.5	6023.8	5250.7	4855.2	4499.8	4145.1	3709.9	3290.3	2837.0	2160.7
10°	21525.4	11307.6	7039.8	5609.0	5045.9	4702.9	4348.0	3844.2	3368.9	2965.6	2402.1
7.5°	28436.7	14821.0	8075.4	5890.1	5203.4	4779.2	4346.6	3830.6	3408.3	3052.9	2601.3
5°	32726.6	17218.5	8723.2	6087.2	5312.1	4867.7	4344.2	3759.8	3414.4	3105.9	2758.6
2.5°	35106.3	18505.1	9023.3	6216.9	5382.3	4962.5	4386.3	3725.8	3414.1	3116.5	2807.1
0°	<b>35383.1</b>	<b>18770.4</b>	<b>8987.5</b>	<b>6230.0</b>	<b>5423.6</b>	<b>5046.9</b>	<b>4485.5</b>	<b>3739.5</b>	<b>3406.6</b>	<b>3108.6</b>	<b>2817.8</b>
-2.5°	34736.6	18222.9	8867.7	6177.4	5400.2	5034.8	4649.6	3886.6	3489.1	3143.7	2805.3
-5°	31290.0	16303.5	8279.6	5884.4	5185.2	4861.9	4550.8	3911.0	3490.5	3140.0	2755.3
-7.5°	25595.6	13454.2	7431.8	5515.0	4912.1	4612.6	4297.3	3787.5	3346.8	3016.6	2595.3
-10°	18315.9	9868.2	6350.0	5113.2	4630.9	4349.0	4066.3	3617.1	3189.5	2880.2	2405.4
-12.5°	13325.0	7318.9	5354.0	4666.2	4343.0	4125.8	3888.3	3422.5	3020.8	2732.3	2189.6
-15°	8302.9	5925.0	4898.4	4387.2	4076.1	3916.3	3731.7	3317.0	2988.7	2622.2	1951.6
-17.5°	6370.4	5004.3	4511.5	4189.6	3952.6	3763.9	3586.8	3294.1	2975.5	2531.2	1741.2
-20°	5209.0	4728.9	4350.3	4077.1	3891.7	3729.4	3512.8	3285.0	2928.7	2289.2	1537.5



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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°	4899.7	4640.6	4341.7	4061.2	3846.1	3661.0	3454.3	3223.8	2850.9	1969.5	1314.2
-25°	4772.2	4640.7	4414.8	4173.7	3860.6	3586.9	3383.2	3080.2	2459.5	1653.7	1108.3
-27.5°	4816.4	4710.6	4570.3	4310.9	3972.8	3570.9	3248.0	2858.4	2012.8	1386.5	1095.9
-30°	4984.5	4846.4	4675.1	4449.3	4056.2	3622.2	3127.3	2344.3	1654.3	1168.5	1086.9
-32.5°	5099.8	4887.1	4684.9	4452.9	4091.0	3608.3	2698.7	1857.4	1300.4	1156.3	1086.6
-35°	5010.0	4754.5	4490.9	4260.6	4053.4	3044.1	2119.7	1468.1	1219.1	1144.5	1084.3
-37.5°	4738.9	4425.2	4155.3	3846.3	3097.7	2279.2	1587.9	1305.5	1210.6	1135.4	1045.2
-40°	4297.2	3987.1	3407.5	2776.1	2181.5	1579.4	1391.9	1301.5	1215.0	1100.9	987.1
-42.5°	3433.2	2905.7	2407.3	1921.5	1523.0	1461.5	1389.7	1308.7	1197.8	1054.1	921.4
-45°	2373.8	1989.2	1622.5	1569.5	1511.8	1454.5	1398.5	1280.6	1141.5	993.9	854.0
-47.5°	1718.1	1667.8	1616.3	1563.9	1508.5	1439.9	1332.0	1213.1	1061.6	920.7	797.9
-50°	1708.0	1653.3	1602.4	1542.3	1439.8	1337.6	1226.4	1106.6	969.8	846.3	730.8
-52.5°	1669.7	1583.6	1497.5	1410.0	1312.7	1206.4	1096.9	990.2	875.2	760.3	652.0
-55°	1509.9	1424.3	1339.5	1254.0	1168.5	1071.6	973.1	871.9	768.9	664.1	569.9
-57.5°	1317.2	1239.4	1167.0	1094.5	1022.5	931.3	835.6	742.9	656.0	566.6	484.2
-60°	1119.1	1053.2	987.8	919.8	849.9	771.8	689.9	611.6	537.5	471.1	404.8
-62.5°	907.9	847.8	792.0	734.1	673.2	608.1	544.8	490.2	435.6	378.6	316.0
-65°	699.1	649.6	600.6	557.7	515.4	473.8	426.4	375.6	323.6	272.5	220.8
-67.5°	509.0	473.4	440.0	407.1	371.2	333.0	289.6	246.1	211.2	178.6	142.7
-70°	330.5	302.4	274.2	245.6	221.4	199.6	175.2	148.8	121.3	101.9	85.5
-72.5°	181.8	166.0	150.0	134.1	116.6	105.5	95.2	83.4	70.8	57.5	47.8
-75°	90.1	83.8	77.3	70.9	63.7	55.6	51.2	48.1	45.1	42.1	39.0
-77.5°	49.7	48.3	46.9	45.4	43.6	41.7	39.5	37.4	35.6	33.8	32.0
-80°	37.8	37.0	36.0	34.7	33.3	31.8	30.4	29.2	28.0	27.0	26.0
-82.5°	28.7	27.9	27.2	26.4	25.7	25.0	24.4	23.7	22.9	21.9	21.0
-85°	21.4	21.1	20.9	20.7	20.5	20.2	19.9	19.4	18.9	18.4	18.0
-87.5°	17.3	16.8	16.3	16.3	16.2	16.2	16.2	16.0	15.8	15.6	15.4
-90°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8



REPORT NUMBER: P1305693 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	12.4	11.9	11.5	11.0	11.0	11.0	11.0	11.0	10.5	10.1	9.6
87.5°	2.1	2.4	2.7	2.9	3.0	3.2	3.4	3.7	3.9	4.0	4.1
85°	2.3	2.8	3.2	3.7	3.7	3.7	3.7	3.7	4.1	4.3	4.5
82.5°	2.4	2.8	3.3	3.7	4.0	4.2	4.2	4.2	4.4	4.6	4.9
80°	3.3	3.3	3.5	3.8	4.2	4.7	4.9	4.9	4.9	5.0	5.2
77.5°	4.4	4.1	3.8	3.8	4.3	4.7	5.2	5.5	5.4	5.3	5.3
75°	5.5	5.2	4.8	4.5	4.5	4.8	5.2	5.5	5.5	5.5	5.4
72.5°	5.5	5.5	5.5	5.5	5.2	5.1	5.3	5.5	5.5	5.5	5.5
70°	8.6	6.0	5.5	5.5	5.5	5.5	5.4	5.6	5.5	5.5	5.5
67.5°	13.9	9.8	7.0	5.7	5.5	5.5	5.5	5.7	5.8	5.5	5.5
65°	24.3	15.7	8.9	7.4	6.2	5.5	5.5	5.9	6.1	5.9	5.5
62.5°	31.4	23.6	15.5	10.1	7.4	6.2	5.5	6.0	6.4	6.3	5.8
60°	34.8	27.4	21.5	15.6	10.2	7.1	6.2	6.0	6.4	6.8	6.3
57.5°	32.1	29.4	25.1	20.0	14.4	9.3	7.1	6.6	6.5	6.9	6.8
55°	27.4	25.7	26.8	23.2	17.8	12.3	8.6	7.3	6.8	7.0	7.3
52.5°	21.6	23.2	25.6	25.1	20.6	15.2	11.1	8.1	7.4	7.1	7.5
50°	17.3	20.8	24.4	25.6	23.0	18.0	13.4	9.9	8.1	7.3	7.6
47.5°	15.9	19.4	22.6	26.1	24.8	20.8	15.9	11.6	8.7	7.9	7.6
45°	17.6	19.0	21.6	24.7	26.9	22.9	18.3	13.2	10.0	8.5	7.7
42.5°	21.5	21.8	21.9	23.6	26.5	24.8	20.6	15.2	11.2	9.2	8.1
40°	30.9	27.5	24.0	25.9	26.5	26.6	22.3	17.2	12.2	10.1	8.7
37.5°	43.0	37.3	30.8	32.5	28.8	27.3	23.8	19.1	13.6	11.1	9.4
35°	83.2	51.0	52.4	48.3	37.9	28.7	25.3	20.7	15.8	12.2	10.1
32.5°	135.0	98.1	96.6	74.5	50.2	30.8	26.8	22.9	18.1	13.2	10.7
30°	221.6	204.0	160.7	107.7	69.3	42.2	29.7	25.3	20.3	14.1	11.5
27.5°	358.0	329.9	248.1	166.8	101.0	57.1	35.0	27.9	22.6	15.4	12.3
25°	496.0	460.3	369.4	245.1	137.3	88.7	41.4	30.7	24.8	17.2	13.0
22.5°	633.9	587.2	503.9	335.3	192.1	129.3	57.9	35.7	27.0	19.0	13.8
20°	765.6	713.3	639.0	410.7	258.8	177.7	87.7	41.3	29.2	20.8	14.5
17.5°	918.6	809.2	697.5	490.1	325.1	226.3	122.0	47.4	31.4	22.5	15.1
15°	1154.0	866.8	750.5	560.8	382.5	274.5	159.7	53.9	33.6	24.1	15.7
12.5°	1367.9	920.4	802.8	622.9	431.8	322.0	199.8	60.5	35.8	25.4	16.3
10°	1567.9	970.1	853.5	676.5	473.9	368.4	240.7	67.3	38.5	26.5	16.8
7.5°	1749.1	1015.8	901.5	721.9	506.6	398.7	268.3	74.1	41.4	27.5	17.2
5°	1891.9	1051.8	941.1	754.2	519.2	410.1	290.1	80.5	44.3	28.3	17.6
2.5°	1939.2	1074.8	972.7	779.3	529.0	417.8	307.5	86.3	47.0	28.9	18.0
0°	1949.3	1093.5	998.4	797.3	535.8	422.4	320.0	91.4	49.4	29.3	18.3
-2.5°	1939.6	1095.6	999.5	812.6	556.8	435.4	331.3	113.9	65.1	38.1	22.6
-5°	1895.5	1094.3	995.6	820.3	574.1	445.8	338.2	135.3	80.0	46.6	26.7
-7.5°	1778.3	1079.4	981.9	819.4	586.8	453.8	341.5	155.0	93.9	54.5	30.5
-10°	1627.1	1054.5	956.2	802.0	595.2	463.4	342.7	172.8	106.4	61.6	33.9
-12.5°	1456.0	1026.2	930.7	782.4	600.5	474.5	345.8	187.9	117.2	67.6	36.9
-15°	1269.3	994.6	907.0	762.2	603.2	483.1	345.6	200.2	126.4	73.6	39.2
-17.5°	1077.1	959.5	886.5	742.8	603.4	489.1	342.4	209.5	134.1	79.5	41.9
-20°	1040.5	944.8	867.5	725.5	601.6	492.5	336.5	215.6	140.1	84.0	44.6



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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°	1031.6	949.5	852.5	716.8	599.5	493.5	328.0	218.1	144.3	86.8	46.2
-25°	1022.4	955.2	836.6	706.6	597.0	479.0	323.4	216.9	146.8	87.9	46.6
-27.5°	1023.2	953.8	816.2	689.7	583.4	462.3	320.9	218.6	147.6	87.2	45.8
-30°	1029.9	926.9	792.3	667.6	564.9	434.8	313.4	218.1	146.5	85.8	43.7
-32.5°	1022.9	895.5	760.9	643.5	534.6	405.9	297.8	215.2	142.8	83.3	42.3
-35°	977.6	853.0	722.4	613.7	499.7	383.2	281.2	209.7	136.5	78.9	40.7
-37.5°	927.5	801.9	684.4	577.2	464.2	357.6	268.1	196.8	127.5	72.5	38.2
-40°	868.6	751.1	642.5	537.6	431.6	329.3	251.6	180.8	117.8	64.1	34.7
-42.5°	807.1	702.1	597.8	497.2	397.7	307.3	231.7	162.1	104.5	57.4	30.3
-45°	750.7	649.2	548.9	454.4	362.2	281.6	208.1	141.5	89.0	51.2	26.8
-47.5°	689.8	591.0	497.5	408.3	328.9	252.1	181.5	122.2	72.1	43.7	25.8
-50°	621.6	530.3	443.9	364.3	290.6	218.9	153.4	100.8	61.7	34.7	24.5
-52.5°	554.3	468.7	391.3	319.2	248.8	182.5	126.9	78.7	50.4	30.5	22.9
-55°	483.2	408.3	338.7	269.5	203.7	148.3	98.3	64.6	38.2	28.2	21.3
-57.5°	413.8	347.5	280.0	215.5	160.5	112.8	76.2	49.4	33.1	25.8	20.8
-60°	340.6	277.0	216.3	164.6	118.0	82.8	57.7	37.4	29.9	23.5	20.1
-62.5°	256.9	203.8	158.6	114.4	83.6	60.3	40.9	33.4	26.5	22.5	19.4
-65°	179.5	139.2	101.8	79.1	57.4	41.5	35.8	29.1	24.7	21.5	18.5
-67.5°	107.6	88.1	68.6	49.0	40.8	35.7	30.5	26.6	23.3	20.3	17.6
-70°	68.6	51.7	43.5	39.0	34.4	30.2	27.6	24.8	21.8	19.1	16.6
-72.5°	44.0	40.1	36.1	32.3	29.7	27.3	25.2	22.8	20.2	17.7	15.5
-75°	35.7	33.0	30.6	28.4	26.3	24.4	22.7	20.8	18.5	16.4	14.5
-77.5°	29.9	28.0	26.1	24.7	23.2	21.8	20.3	18.6	16.8	15.2	13.5
-80°	24.8	23.7	22.6	21.6	20.4	19.1	18.0	17.0	15.5	14.0	12.5
-82.5°	20.3	19.8	19.2	18.5	17.6	16.9	16.2	15.5	14.2	12.8	11.6
-85°	17.4	16.8	16.1	15.4	15.0	14.6	14.3	14.0	12.9	11.9	11.0
-87.5°	14.8	14.2	13.7	13.1	12.9	12.8	12.7	12.5	11.7	11.0	10.3
-90°	1.8	1.8	1.8	1.8	2.3	2.8	3.2	3.7	3.7	3.7	3.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9.1	8.7	8.2	7.8	7.3	6.4	5.5
87.5°	4.2	4.4	4.8	5.1	5.5	5.5	5.5
85°	4.6	4.7	4.9	5.2	5.5	5.6	5.5
82.5°	5.1	5.0	5.1	5.2	5.5	5.6	5.5
80°	5.5	5.3	5.2	5.3	5.5	5.7	5.5
77.5°	5.5	5.5	5.4	5.4	5.5	5.7	5.5
75°	5.5	5.6	5.5	5.4	5.5	5.7	5.5
72.5°	5.6	5.8	5.7	5.5	5.5	5.8	5.5
70°	5.7	5.9	5.9	5.5	5.6	5.8	5.5
67.5°	5.7	6.1	6.0	5.7	5.6	5.9	5.5
65°	5.7	6.2	6.2	5.9	5.6	5.9	5.5
62.5°	5.8	6.2	6.4	6.1	5.7	6.0	5.5
60°	5.8	6.2	6.6	6.3	5.7	6.0	5.5
57.5°	6.3	6.3	6.7	6.4	5.9	6.1	5.5
55°	6.7	6.3	6.7	6.6	6.0	6.1	5.5
52.5°	7.2	6.5	6.8	6.8	6.2	6.2	5.5
50°	7.6	6.8	6.8	7.0	6.3	6.2	5.5
47.5°	8.0	7.2	6.9	7.2	6.4	6.3	5.5
45°	8.1	7.5	6.9	7.2	6.6	6.3	5.5
42.5°	8.2	7.9	7.0	7.3	6.7	6.4	5.5
40°	8.2	8.2	7.1	7.3	6.8	6.4	5.5
37.5°	8.3	8.5	7.4	7.4	6.8	6.5	5.5
35°	8.4	8.7	7.6	7.4	6.9	6.6	5.5
32.5°	8.7	8.8	7.9	7.5	7.0	6.6	5.5
30°	9.2	8.9	8.1	7.6	7.1	6.7	5.5
27.5°	9.8	8.9	8.3	7.7	7.1	6.7	5.5
25°	10.3	9.0	8.5	7.8	7.2	6.8	5.5
22.5°	10.8	9.1	8.7	7.9	7.2	6.8	5.5
20°	11.4	9.3	8.8	8.0	7.2	6.9	5.5
17.5°	11.9	9.4	8.9	8.1	7.2	7.0	5.5
15°	12.4	9.6	9.0	8.3	7.3	7.0	5.5
12.5°	12.9	9.9	9.0	8.4	7.3	7.1	5.5
10°	13.3	10.1	9.1	8.6	7.3	7.1	5.5
7.5°	13.7	10.3	9.1	8.7	7.3	7.2	5.5
5°	14.0	10.6	9.1	8.8	7.3	7.2	5.5
2.5°	14.3	10.8	9.1	9.0	7.3	7.3	5.5
0°	14.6	11.0	9.1	9.1	7.3	7.3	5.5
-2.5°	16.0	11.6	9.4	9.2	7.4	7.3	5.5
-5°	17.4	12.2	9.7	9.3	7.5	7.4	5.5
-7.5°	18.7	12.7	10.1	9.4	7.5	7.4	5.5
-10°	19.9	13.2	10.4	9.5	7.6	7.4	5.5
-12.5°	20.8	13.7	10.6	9.6	7.7	7.5	5.5
-15°	21.7	14.1	10.9	9.7	7.8	7.5	5.5
-17.5°	22.3	14.4	11.1	9.7	7.8	7.5	5.5
-20°	23.0	14.7	11.4	9.7	7.9	7.5	5.5



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.9	14.9	11.5	9.8	8.0	7.5	5.5
-25°	24.2	15.2	11.7	9.8	8.1	7.5	5.5
-27.5°	24.1	15.3	11.8	9.8	8.1	7.5	5.5
-30°	23.3	15.4	11.9	9.8	8.2	7.5	5.5
-32.5°	21.9	15.4	12.0	9.7	8.3	7.5	5.5
-35°	21.4	15.3	12.1	9.7	8.3	7.5	5.5
-37.5°	21.2	15.1	12.2	9.7	8.4	7.5	5.5
-40°	20.8	15.2	12.2	9.6	8.5	7.5	5.5
-42.5°	20.2	15.2	12.2	9.5	8.5	7.4	5.5
-45°	19.5	15.2	12.1	9.5	8.6	7.4	5.5
-47.5°	18.6	15.1	12.0	9.4	8.6	7.4	5.5
-50°	18.3	14.9	11.9	9.5	8.7	7.3	5.5
-52.5°	18.0	14.7	11.8	9.6	8.7	7.3	5.5
-55°	17.7	14.4	11.6	9.6	8.8	7.3	5.5
-57.5°	17.3	14.1	11.4	9.6	8.8	7.2	5.5
-60°	16.8	13.8	11.1	9.7	8.9	7.2	5.5
-62.5°	16.2	13.4	11.0	9.6	8.8	7.1	5.5
-65°	15.6	12.9	10.9	9.6	8.7	7.1	5.5
-67.5°	15.0	12.5	10.7	9.6	8.5	7.0	5.5
-70°	14.2	12.1	10.5	9.5	8.4	7.0	5.5
-72.5°	13.5	11.6	10.3	9.3	8.3	6.9	5.5
-75°	12.7	11.2	10.0	9.1	8.2	6.8	5.5
-77.5°	11.9	10.7	9.8	8.9	8.0	6.8	5.5
-80°	11.1	10.2	9.5	8.7	7.9	6.7	5.5
-82.5°	10.5	9.8	9.1	8.5	7.8	6.6	5.5
-85°	10.1	9.5	8.8	8.2	7.6	6.6	5.5
-87.5°	9.6	9.1	8.5	8.0	7.5	6.5	5.5
-90°	3.7	4.2	4.6	5.1	5.5	5.5	5.5

(END OF REPORT)