

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: P1305627 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-80-3S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

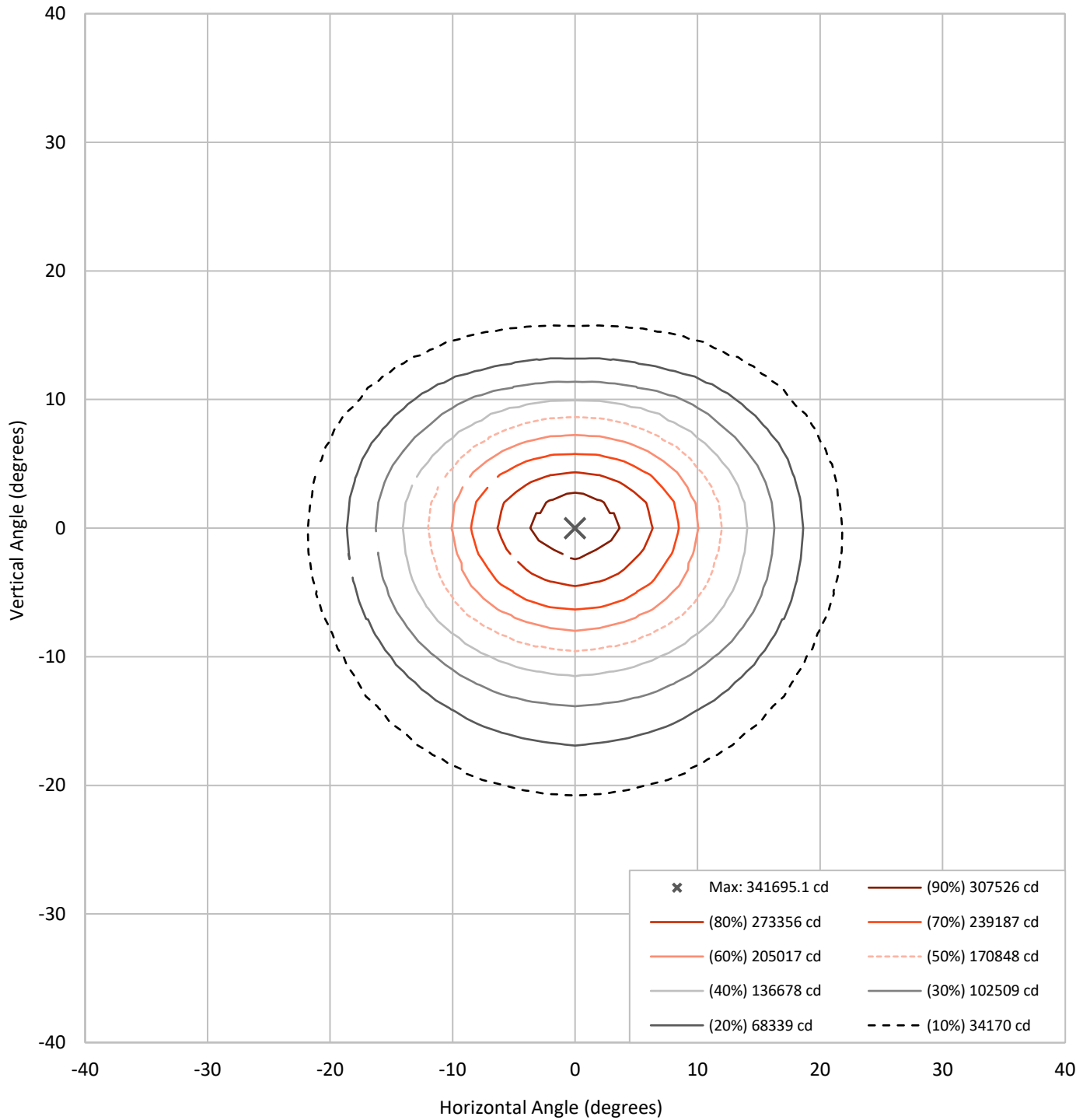
Test Method: LM-79-08  
Report Number: P1305627 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-40-80-3S-CV5-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	57122.9 lumens	Max Intensity:	341695.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24°H x 18.2°V	Field Angle (10%):	43.7°H x 36.4°V
Beam Lumens:	24435.9 lumens	Field Lumens:	48817.2 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
Input Watts (W):	648		
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





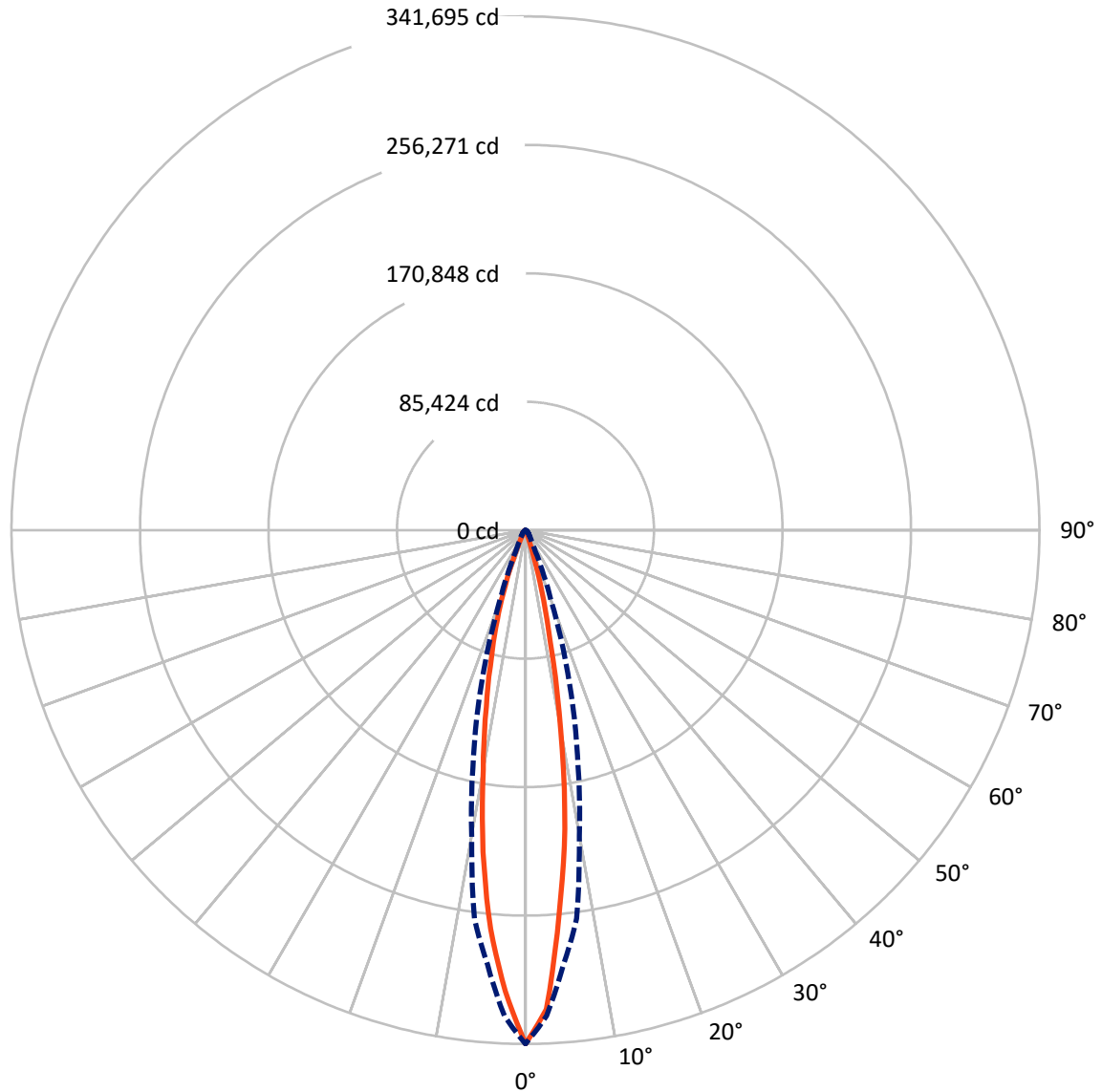
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### Lumen Table

90	0.2	0.4	0.7	0.7	0.8	0.7	0.7	0.4	0.2									
80	0.2	0.4	0.7	0.7	0.8	0.7	0.7	0.4	0.2									
70	0.2	0.1	0.2	0.7	0.8	0.5	0.3	0.2	0.2	0.3	0.5	0.8	0.7	0.2	0.1	0.2		
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1			
50	0.2	0.2	0.4	0.3	0.3	0.4	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.2	0.2		
40		0.2	0.6	0.9	1.6	2.2	2.8	3.7	3.7	2.8	2.2	1.6	0.9	0.6	0.2			
30	0.2	0.4	1.6	4.0	7.5	11.5	26.0	52.2	52.2	26.0	11.5	7.5	4.0	1.6	0.4	0.2		
20		1.1	5.9	18.8	41.1	110.3	611.9	1400.2	1400.2	611.9	110.3	41.1	18.8	5.9	1.1			
10	0.4	2.1	12.3	44.4	103.6	455.6	2857.6	6670.2	6670.2	2857.6	455.6	103.6	44.4	12.3	2.1	0.4		
0		2.8	14.7	52.0	116.2	485.6	3047.8	6870.1	6870.1	3047.8	485.6	116.2	52.0	14.7	2.8			
-10	0.6	3.0	12.6	39.4	82.5	209.3	1106.6	2490.4	2490.4	1106.6	209.3	82.5	39.4	12.6	3.0	0.6		
-20		2.9	10.2	24.7	58.3	98.7	214.3	430.9	430.9	214.3	98.7	58.3	24.7	10.2	2.9			
-30	0.5	2.6	8.2	17.3	37.7	68.1	92.5	107.9	107.9	92.5	68.1	37.7	17.3	8.2	2.6	0.5		
-40		1.8	6.1	13.1	23.4	38.2	58.5	73.6	73.6	58.5	38.2	23.4	13.1	6.1	1.8			
-50	0.3	0.9	3.6	8.3	14.9	21.9	27.7	31.1	31.1	27.7	21.9	14.9	8.3	3.6	0.9	0.3		
-60		0.3	1.2	3.6	6.7	10.3	13.8	16.0	16.0	13.8	10.3	6.7	3.6	1.2	0.3			
-70	0.2	0.8	2.7	7.4	11.4	7.4	2.7	0.8	0.2							0.2		
-80		0.8	2.7	7.4	11.4	7.4	2.7	0.8	0.2									
-90	0.2	0.8	2.7	7.4	11.4	7.4	2.7	0.8	0.2									

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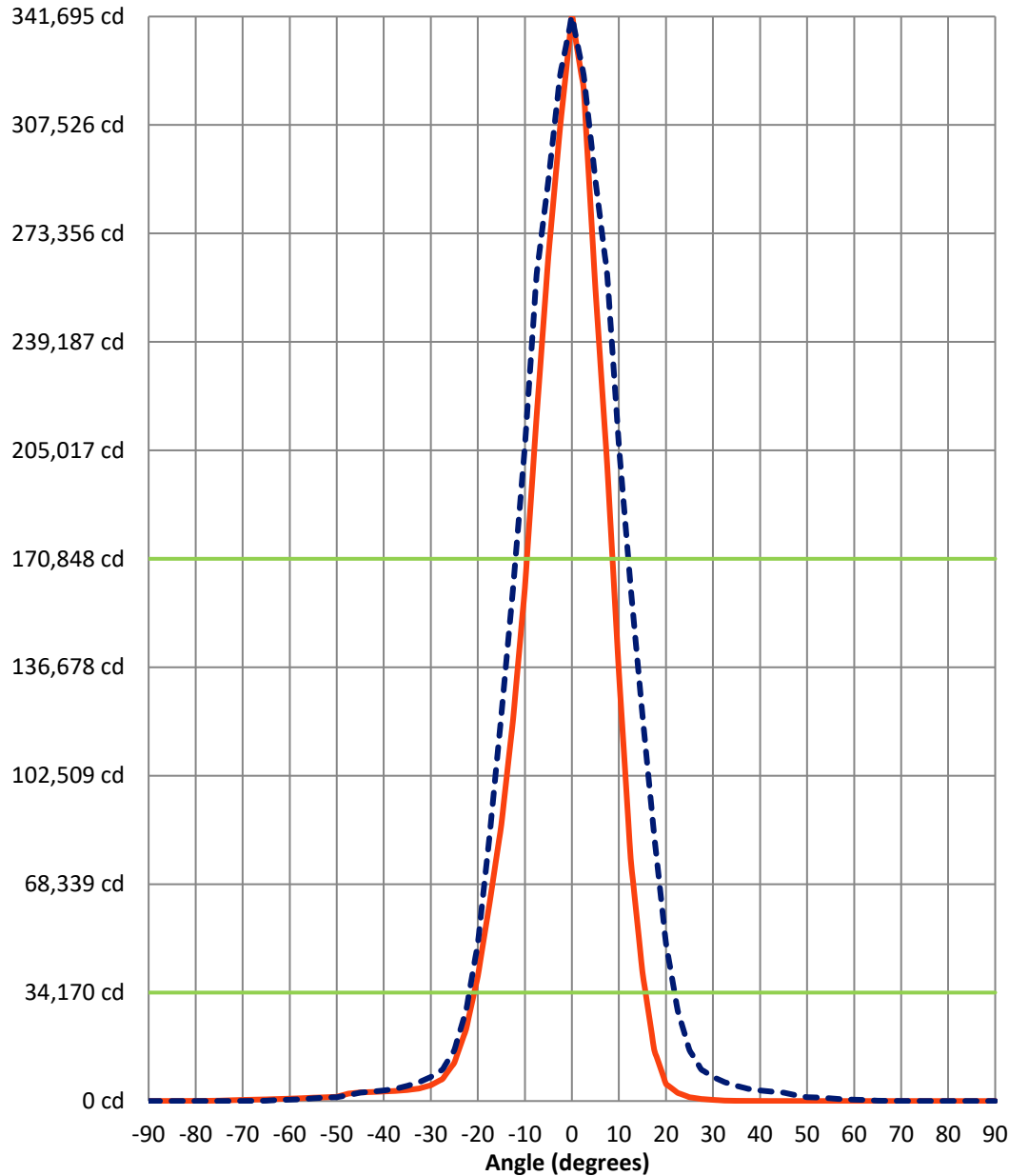
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 24°  
V Angle: 18.2°  
Lumens: 24435.9  
Efficiency: 42.8%

**Field:**  
H Angle: 43.7°  
V Angle: 36.4°  
Lumens: 48817.2  
Efficiency: 85.5%

**Spill:**  
Lumens: 8305.7  
Efficiency: 14.5%

— 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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.8
67.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.2	7.9	8.5
65°	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.8	8.5	8.8
62.5°	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.5	8.3	8.9	8.3
60°	7.2	7.2	7.2	7.2	7.2	7.6	7.5	8.0	8.9	8.6	7.9
57.5°	7.2	7.2	7.2	7.2	7.4	7.7	7.9	8.5	8.9	8.4	7.8
55°	7.2	7.2	7.2	7.2	7.5	7.9	8.2	9.0	8.8	8.3	7.9
52.5°	7.2	7.2	7.3	7.2	7.7	8.1	8.5	9.0	8.8	8.4	8.0
50°	7.2	7.2	7.3	7.2	7.9	8.3	8.8	9.1	8.9	8.5	9.7
47.5°	7.2	7.2	7.4	7.2	8.1	8.5	9.0	9.2	9.0	8.6	11.2
45°	7.2	7.2	7.4	7.4	8.4	8.7	9.2	9.4	9.2	9.5	12.4
42.5°	7.2	7.2	7.5	7.6	8.6	8.8	9.3	9.6	9.4	10.1	13.6
40°	7.2	7.2	7.5	7.8	8.8	8.9	9.5	9.8	9.8	10.5	14.7
37.5°	7.2	7.2	7.6	8.0	8.8	9.0	9.8	10.1	10.6	11.7	15.8
35°	7.2	7.2	7.7	8.2	8.9	9.1	10.0	10.5	11.4	13.5	16.4
32.5°	7.2	7.2	7.8	8.3	9.0	9.3	10.3	10.8	12.2	15.5	18.0
30°	7.2	7.2	7.9	8.5	9.0	9.5	10.6	11.3	13.0	17.5	20.0
27.5°	7.2	7.2	7.9	8.6	9.0	9.7	10.9	12.0	14.2	19.6	22.3
25°	7.2	7.2	8.0	8.7	9.0	9.9	11.2	12.7	15.9	21.6	25.1
22.5°	7.2	7.2	8.1	8.8	9.0	10.1	11.5	13.4	17.6	23.7	30.3
20°	7.2	7.2	8.2	8.8	9.0	10.2	11.9	14.1	19.2	26.0	36.0
17.5°	7.2	7.2	8.3	8.9	9.0	10.4	12.1	14.8	20.8	28.4	42.1
15°	7.2	7.2	8.4	8.9	9.0	10.5	12.2	15.6	22.4	30.9	48.5
12.5°	7.2	7.2	8.5	9.0	9.0	10.6	12.3	16.6	24.2	33.5	55.1
10°	7.2	7.2	8.6	9.0	9.0	10.7	12.4	17.6	26.1	37.7	63.1
7.5°	7.2	7.2	8.7	9.0	9.0	10.7	12.5	18.7	27.9	42.4	74.3
5°	7.2	7.2	8.8	9.0	9.0	10.8	12.6	19.8	29.6	47.1	85.5
2.5°	7.2	7.2	8.9	9.0	9.0	10.8	12.6	20.8	31.1	51.6	96.4
0°	7.2	7.2	9.0	9.0	9.0	10.8	12.6	21.7	32.5	55.9	106.5
-2.5°	7.2	7.2	9.0	9.0	9.2	11.2	14.3	25.9	41.2	68.7	121.9
-5°	7.2	7.2	9.0	9.0	9.3	11.6	15.9	29.8	49.6	81.0	136.2
-7.5°	7.2	7.2	9.0	9.0	9.5	11.9	17.4	33.4	57.4	92.4	149.3
-10°	7.2	7.2	8.9	9.0	9.6	12.2	18.7	36.6	64.4	102.8	160.9
-12.5°	7.2	7.2	8.9	9.0	9.7	12.4	19.9	39.3	70.4	112.1	171.6
-15°	7.2	7.2	8.9	9.0	9.8	12.6	20.8	41.4	75.9	120.6	180.8
-17.5°	7.2	7.2	8.8	9.0	9.9	12.8	21.4	43.7	81.1	127.9	188.2
-20°	7.2	7.2	8.8	9.0	9.9	12.9	22.0	45.9	85.0	133.9	193.6



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 CATALOG NUMBER: EPH-08-640L-40-80-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.2	7.2	8.7	9.0	10.0	12.9	22.7	47.1	87.4	138.6	197.1
-25°	7.2	7.2	8.7	9.0	10.0	13.0	22.8	47.2	88.4	141.7	198.4
-27.5°	7.2	7.2	8.6	9.0	9.9	13.1	22.3	46.1	87.8	143.2	201.1
-30°	7.2	7.2	8.5	9.0	9.8	13.1	21.2	43.9	86.3	142.2	202.1
-32.5°	7.2	7.2	8.4	9.0	9.9	13.0	19.4	42.2	83.6	138.9	201.2
-35°	7.2	7.2	8.3	9.0	9.8	12.8	18.6	40.1	79.1	133.5	198.3
-37.5°	7.2	7.2	8.3	9.0	9.8	12.6	18.3	36.9	72.8	125.7	185.0
-40°	7.2	7.2	8.2	9.0	9.7	12.5	17.8	32.6	64.7	116.7	168.6
-42.5°	7.2	7.2	8.1	9.0	9.6	12.3	17.2	27.3	57.5	102.5	150.6
-45°	7.2	7.2	7.9	9.0	9.6	12.1	16.4	23.3	50.2	86.6	131.1
-47.5°	7.2	7.2	7.8	9.0	9.6	11.8	15.4	22.2	41.4	69.7	112.0
-50°	7.2	7.2	7.7	8.9	9.5	11.4	14.8	20.8	30.6	57.6	91.7
-52.5°	7.2	7.2	7.6	8.7	9.5	10.9	14.2	19.2	25.7	44.8	70.8
-55°	7.2	7.2	7.5	8.6	9.3	10.6	13.5	17.5	23.4	31.5	55.9
-57.5°	7.2	7.2	7.3	8.4	9.2	10.4	12.7	16.4	20.9	26.3	40.4
-60°	7.2	7.2	7.2	8.2	9.0	10.0	11.8	15.2	18.6	23.5	28.5
-62.5°	7.2	7.2	7.2	8.1	8.8	9.6	11.2	13.9	17.1	20.6	25.3
-65°	7.2	7.2	7.2	7.9	8.7	9.2	10.6	12.7	15.5	18.6	22.0
-67.5°	7.2	7.2	7.2	7.8	8.5	8.9	9.9	11.8	13.9	16.8	19.6
-70°	7.2	7.2	7.2	7.6	8.4	8.8	9.1	10.8	12.9	14.9	17.5
-72.5°	7.2	7.2	7.2	7.5	8.2	8.7	9.0	9.9	11.8	13.7	15.5
-75°	7.2	7.2	7.2	7.5	8.1	8.6	9.0	9.5	10.7	12.4	14.2
-77.5°	7.2	7.2	7.2	7.5	7.9	8.5	9.0	9.4	10.1	11.3	12.8
-80°	7.2	7.2	7.2	7.4	7.8	8.3	9.0	9.2	9.6	10.4	11.4
-82.5°	7.2	7.2	7.2	7.4	7.7	8.1	8.6	8.8	9.0	9.4	9.9
-85°	7.2	7.2	7.2	7.3	7.5	7.8	8.1	8.3	8.4	8.6	8.7
-87.5°	7.2	7.2	7.2	7.3	7.4	7.5	7.7	7.7	7.8	7.9	8.0
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2



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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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.7	8.1	8.5
87.5°	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.4	5.4	5.4	5.4
85°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.4	5.4	5.4	5.4
82.5°	7.2	7.2	7.2	7.2	6.8	6.3	5.9	5.7	5.7	5.7	5.6
80°	7.2	7.2	7.2	7.2	7.0	6.8	6.8	6.9	6.7	6.4	5.9
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.9	6.4	6.0
75°	7.2	7.2	7.3	7.3	7.2	7.2	7.2	7.2	7.0	6.9	6.9
72.5°	7.5	7.7	7.7	7.4	7.2	7.2	7.2	7.2	8.5	10.3	11.7
70°	8.2	8.3	7.8	7.3	7.2	7.7	9.9	12.9	16.1	18.4	21.4
67.5°	8.8	7.9	7.4	7.4	8.7	11.1	14.5	22.3	30.8	34.2	35.2
65°	8.1	7.4	7.6	8.8	10.6	17.0	25.5	35.5	42.8	42.3	40.1
62.5°	7.4	7.5	8.4	11.3	17.1	25.1	32.8	39.8	46.7	44.8	38.5
60°	7.3	7.6	11.0	17.0	23.1	28.9	36.1	40.1	43.3	43.1	34.1
57.5°	7.4	9.7	15.6	21.4	26.3	30.8	33.0	35.8	36.9	37.0	27.7
55°	8.6	13.4	19.1	24.0	27.7	27.1	27.9	28.2	28.4	26.5	18.8
52.5°	11.5	16.5	21.2	25.5	26.4	23.8	20.7	20.8	19.5	16.4	13.5
50°	13.8	18.3	23.0	25.9	24.7	19.7	15.2	15.2	13.8	12.0	10.3
47.5°	15.5	20.1	24.5	26.1	22.0	17.9	14.1	12.3	11.0	10.6	9.5
45°	17.0	21.4	26.1	24.4	20.7	17.7	14.6	10.8	11.3	11.2	11.6
42.5°	18.4	22.3	25.0	23.3	21.2	18.9	16.1	13.9	12.9	14.3	14.8
40°	19.0	22.9	24.2	24.5	22.5	21.3	20.9	19.2	16.6	19.0	19.8
37.5°	19.2	22.9	25.1	28.1	25.4	26.1	27.1	27.5	26.0	25.5	28.6
35°	19.2	23.5	30.3	33.8	31.7	33.2	36.3	37.7	37.8	37.1	42.5
32.5°	19.7	24.8	37.4	40.5	42.8	44.7	46.7	50.1	53.2	56.7	65.7
30°	22.3	31.4	45.6	48.0	56.4	65.3	62.8	64.5	71.6	94.1	113.9
27.5°	27.7	40.5	52.7	60.0	73.8	92.4	98.2	86.8	107.3	142.4	175.9
25°	34.2	65.5	60.4	74.8	100.4	128.4	143.9	142.2	162.3	206.7	246.3
22.5°	48.1	98.3	95.3	90.9	131.5	172.4	199.0	245.3	310.3	310.1	324.5
20°	72.3	129.6	139.2	151.2	177.4	223.1	261.2	383.6	519.1	565.2	515.0
17.5°	100.5	164.1	189.3	230.1	288.1	317.7	339.4	548.8	778.0	868.8	897.3
15°	131.9	201.2	242.9	318.2	410.9	463.3	555.8	795.1	1065.8	1219.7	1334.2
12.5°	165.4	240.3	299.0	413.6	542.4	611.7	816.7	1163.1	1432.8	1618.5	1909.4
10°	199.9	280.7	356.7	513.6	680.1	762.0	1096.2	1542.2	1823.9	2038.8	2436.9
7.5°	237.9	320.8	414.0	615.6	820.7	912.8	1384.8	1924.2	2205.1	2444.6	2894.4
5°	274.9	359.4	465.4	702.4	933.4	1040.1	1645.0	2299.0	2575.5	2835.3	3307.5
2.5°	309.1	396.3	514.7	782.3	1022.8	1129.1	1770.4	2489.8	2791.2	3113.7	3619.6
0°	339.2	431.3	561.2	855.3	1104.4	1214.4	1869.5	2654.5	2966.6	3333.0	3847.2
-2.5°	345.6	445.2	577.8	854.3	1093.5	1212.2	1879.1	2661.7	3027.0	3414.3	3917.6
-5°	347.3	456.3	590.5	845.8	1075.3	1205.3	1859.7	2634.8	3037.0	3394.4	3847.7
-7.5°	344.9	464.2	599.3	829.0	1040.0	1165.2	1750.0	2471.5	2878.3	3189.6	3615.9
-10°	338.6	463.1	589.5	791.3	983.5	1104.5	1600.0	2283.1	2712.9	2981.0	3352.3
-12.5°	327.8	454.5	574.0	750.9	926.5	1042.4	1425.1	2074.4	2545.4	2774.2	3074.7
-15°	315.7	444.2	555.6	709.1	870.7	980.0	1226.7	1849.3	2385.7	2618.8	2842.0
-17.5°	303.1	432.5	534.7	667.3	818.0	918.1	1012.5	1610.1	2183.8	2460.3	2676.0
-20°	290.6	419.8	511.5	626.7	768.4	870.1	947.6	1367.7	1900.1	2284.8	2501.3



REPORT NUMBER: P1305627 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	279.1	406.2	489.5	595.2	724.6	831.9	910.4	1130.5	1600.7	2093.8	2327.9
-25°	274.9	386.8	471.6	567.6	682.8	793.3	874.2	929.2	1317.8	1806.0	2162.6
-27.5°	275.0	370.5	454.4	537.9	641.0	752.2	833.0	889.7	1102.8	1523.1	1976.2
-30°	272.6	350.8	435.4	509.1	604.4	705.0	790.3	868.6	936.0	1272.5	1672.4
-32.5°	262.2	330.2	412.6	486.5	567.5	659.3	755.3	839.1	912.3	1021.7	1384.1
-35°	248.3	313.1	387.8	462.3	530.2	618.7	713.0	804.7	882.4	950.3	1115.6
-37.5°	235.7	293.7	362.2	435.5	502.3	578.2	667.5	759.5	842.9	923.6	998.3
-40°	221.2	272.0	337.8	406.8	473.4	539.6	620.4	707.2	795.2	888.2	978.2
-42.5°	204.6	254.1	311.7	376.8	440.0	504.9	571.1	652.7	741.2	839.7	933.4
-45°	182.7	234.3	284.4	343.0	402.9	466.0	529.8	595.6	681.1	771.9	870.1
-47.5°	158.9	211.4	260.1	307.1	363.4	422.2	484.3	548.9	616.4	699.2	787.3
-50°	134.0	182.9	232.4	274.8	322.0	376.2	433.3	497.5	561.8	626.8	701.8
-52.5°	109.8	152.5	198.8	242.9	283.6	329.0	381.9	440.0	501.5	563.8	621.8
-55°	84.2	122.9	163.0	206.0	247.2	285.7	328.4	380.5	435.6	493.4	546.5
-57.5°	63.5	92.7	128.3	165.9	205.7	244.8	282.1	319.9	367.3	418.4	463.9
-60°	45.7	66.9	94.1	127.2	161.2	198.1	235.6	270.9	305.5	339.0	379.8
-62.5°	29.9	46.5	65.7	88.9	119.1	150.2	183.4	217.4	251.1	280.2	307.0
-65°	26.3	30.1	43.1	60.4	77.6	105.6	133.8	160.9	190.5	217.2	243.0
-67.5°	22.5	26.0	29.4	35.5	51.0	68.4	86.6	111.4	134.9	154.1	173.2
-70°	19.9	22.0	24.9	27.9	31.2	38.2	53.5	69.4	85.1	99.9	116.2
-72.5°	17.5	19.4	21.3	23.1	26.0	29.2	32.7	36.2	45.0	56.8	68.1
-75°	15.5	16.8	18.5	20.1	21.9	23.9	26.1	29.1	31.9	34.3	36.6
-77.5°	13.8	14.7	15.8	17.1	18.5	20.0	21.7	23.4	25.3	27.2	29.2
-80°	12.0	12.6	13.3	14.1	15.3	16.5	17.6	18.8	19.8	21.1	22.6
-82.5°	10.4	10.8	11.2	11.6	12.3	13.1	14.0	15.0	15.3	15.7	16.1
-85°	8.9	9.0	9.3	9.5	9.9	10.3	10.7	11.2	11.4	11.4	11.4
-87.5°	8.0	8.1	8.2	8.2	8.3	8.4	8.4	8.5	8.6	8.8	8.9
-90°	6.8	6.3	5.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.0	9.4	9.9	10.3	10.8	14.9	18.9	23.0	27.1	33.8	40.6
87.5°	5.4	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.8	1.8
85°	5.4	5.0	4.5	4.1	3.6	3.5	3.5	3.5	3.5	3.1	2.7
82.5°	5.4	5.0	4.5	4.1	3.6	3.6	3.6	3.6	3.6	3.2	2.7
80°	5.5	5.2	5.0	4.8	4.7	4.6	4.3	4.0	3.6	3.6	3.5
77.5°	5.7	5.7	5.7	5.6	5.5	5.0	4.6	4.1	3.7	3.6	3.6
75°	7.0	7.2	7.4	7.1	6.5	6.0	5.8	5.4	5.1	4.8	4.5
72.5°	12.6	12.7	12.1	11.7	10.6	10.1	10.1	10.0	9.7	9.5	9.4
70°	23.1	23.6	22.6	20.4	17.2	15.1	14.1	12.9	11.4	10.7	10.7
67.5°	33.0	30.2	27.2	24.2	20.2	16.9	15.0	13.2	11.5	10.6	10.2
65°	36.1	29.5	24.6	20.8	17.8	15.3	13.2	11.2	9.3	8.1	7.7
62.5°	31.4	23.4	18.6	15.7	13.6	12.2	10.3	8.5	6.9	6.0	6.3
60°	25.5	17.3	12.8	11.2	9.9	9.0	7.9	6.8	6.0	5.4	5.5
57.5°	19.1	12.6	9.0	8.8	8.3	7.6	6.9	6.4	5.9	5.4	5.4
55°	13.1	10.4	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.4	5.4
52.5°	10.3	9.4	9.1	8.7	8.2	7.7	7.1	6.6	6.1	5.5	5.4
50°	9.4	9.1	9.2	8.9	8.3	7.8	7.3	6.9	6.8	6.6	6.7
47.5°	9.7	9.9	9.7	9.1	8.7	8.8	8.8	8.8	8.9	8.6	8.4
45°	11.0	11.1	11.0	10.9	10.4	11.4	12.0	12.1	14.1	13.4	11.2
42.5°	13.7	14.4	15.2	16.1	14.8	19.0	25.5	30.0	25.6	20.2	17.0
40°	20.8	21.3	25.9	28.3	33.6	39.6	36.0	30.1	26.8	28.6	29.7
37.5°	32.8	38.4	45.9	54.3	52.2	43.3	44.3	44.2	42.7	46.3	46.6
35°	53.6	67.1	73.5	75.5	71.8	69.0	71.5	74.0	68.4	77.2	79.9
32.5°	87.6	104.2	107.9	104.0	104.4	110.5	115.0	123.2	131.4	144.6	160.3
30°	129.2	147.1	155.5	147.7	149.4	163.8	173.0	191.8	221.7	255.9	298.5
27.5°	191.5	204.7	219.9	222.0	214.9	235.9	268.9	288.6	369.0	422.2	518.2
25°	273.6	294.1	307.5	330.1	342.2	367.6	430.8	491.6	615.2	735.6	939.8
22.5°	381.5	447.3	471.4	468.0	539.1	607.5	661.4	831.7	1075.1	1431.4	1832.5
20°	523.9	659.1	774.0	811.3	836.6	1017.2	1202.9	1731.5	2337.5	3348.8	4135.1
17.5°	944.2	988.7	1241.2	1446.6	1544.4	1926.8	2793.8	4124.4	6411.4	9540.8	11464.7
15°	1576.4	1703.5	1956.6	2391.3	2929.2	3942.9	5390.0	9632.2	15497.7	21907.6	28010.2
12.5°	2274.6	2539.5	3003.2	3643.4	4497.4	7389.8	12060.2	20041.4	30900.4	42005.7	56169.4
10°	2922.4	3455.2	4216.3	5296.8	7489.6	12430.9	20292.3	33859.0	53093.8	73150.3	93187.3
7.5°	3450.9	4213.2	5326.2	6944.7	10874.8	18807.9	31700.6	51689.4	76351.4	102155.0	129322.3
5°	3984.6	4949.6	6290.2	8248.5	13093.1	23734.7	40883.4	68248.8	100075.3	132588.6	166825.3
2.5°	4447.3	5576.2	7128.3	9416.2	14584.9	26401.3	46423.0	80119.8	117487.3	156394.8	200000.8
0°	4789.2	5938.7	7588.0	9968.2	16054.8	28477.1	49665.8	83628.7	121635.5	161803.3	206370.4
-2.5°	4741.6	5781.1	7276.2	9638.2	15544.0	28102.6	47640.2	80739.6	117937.4	155590.8	195338.8
-5°	4524.9	5429.0	6768.6	8882.9	13780.2	24382.6	42751.7	73256.4	107845.4	142254.4	177620.4
-7.5°	4194.8	4976.9	6151.1	7967.4	11746.3	20094.9	35360.7	59223.0	88960.2	118368.4	145650.0
-10°	3853.7	4490.8	5442.5	6877.7	9573.3	15406.8	26202.1	44041.1	68771.2	92989.6	113896.3
-12.5°	3533.1	4007.5	4684.3	5683.6	7345.1	11533.8	19684.9	32700.0	49219.0	67839.2	85942.2
-15°	3234.0	3584.9	4071.0	4876.9	6206.6	8691.1	13116.2	21789.6	33408.9	46406.2	58920.2
-17.5°	2959.9	3249.2	3628.4	4195.9	5019.8	6556.2	9656.1	14614.9	21630.2	30875.3	39517.1
-20°	2714.2	2976.2	3259.9	3685.1	4317.8	5222.1	6748.2	9826.7	13874.8	19702.0	25417.1



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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°	2521.9	2727.6	2948.1	3273.3	3800.8	4442.1	5200.7	6461.9	8690.1	11678.9	15063.9
-25°	2346.1	2498.4	2727.2	3077.2	3438.5	3866.3	4326.3	4832.1	5820.8	6782.1	8554.3
-27.5°	2179.0	2339.7	2578.0	2893.8	3223.4	3423.2	3717.4	4029.8	4502.8	4920.2	5626.2
-30°	2039.6	2208.3	2410.7	2677.2	2954.7	3142.8	3295.9	3522.0	3784.2	4046.0	4349.7
-32.5°	1777.5	2099.5	2239.7	2443.0	2692.9	2890.8	3026.4	3194.3	3334.4	3497.1	3662.1
-35°	1490.9	1846.1	2136.1	2267.6	2440.4	2660.5	2853.2	2988.1	3096.6	3197.0	3291.5
-37.5°	1166.6	1536.0	1852.7	2119.3	2277.4	2424.9	2629.2	2810.7	2941.3	3010.4	3071.8
-40°	1043.2	1149.8	1484.4	1790.2	2028.3	2259.2	2418.4	2596.3	2747.3	2842.6	2914.0
-42.5°	1022.0	1076.8	1120.1	1351.8	1640.7	1888.1	2098.8	2306.3	2490.7	2627.5	2738.0
-45°	965.0	1030.2	1091.0	1133.8	1178.2	1397.0	1632.2	1861.4	2069.5	2255.8	2418.6
-47.5°	872.8	950.7	1015.6	1077.8	1126.1	1164.2	1208.3	1281.3	1476.3	1667.6	1849.4
-50°	772.7	843.2	913.6	980.5	1033.0	1079.1	1121.5	1157.8	1194.4	1232.6	1269.0
-52.5°	673.7	736.7	799.3	858.0	913.9	966.6	1015.6	1051.5	1082.3	1109.4	1129.9
-55°	595.8	642.6	688.2	738.0	787.7	834.2	876.7	915.7	951.1	982.7	1007.0
-57.5°	509.7	555.7	599.4	636.6	672.8	707.8	744.0	778.5	809.1	835.5	856.9
-60°	419.8	459.1	498.0	534.7	569.6	602.5	632.1	659.3	683.9	705.0	720.8
-62.5°	333.1	364.1	399.1	431.0	459.0	485.9	516.3	543.8	568.2	588.5	603.5
-65°	267.4	289.7	314.8	339.6	363.8	389.9	416.5	440.1	460.8	477.8	491.2
-67.5°	194.9	216.8	241.2	263.4	283.9	306.0	331.4	354.7	376.0	393.2	407.2
-70°	131.4	146.9	166.2	186.9	207.0	228.0	251.2	273.5	294.9	311.2	324.5
-72.5°	78.8	89.0	99.3	112.8	127.0	144.3	163.8	183.4	202.8	216.8	227.8
-75°	38.6	42.7	51.2	59.0	66.2	75.4	85.3	94.6	103.3	109.6	114.8
-77.5°	31.2	33.2	35.2	37.0	38.8	42.9	47.8	52.8	58.0	62.1	65.9
-80°	24.0	25.3	26.6	28.0	29.5	32.5	35.9	39.3	42.6	45.2	47.6
-82.5°	16.7	17.4	18.0	18.6	19.1	21.4	23.7	25.9	28.1	30.1	32.1
-85°	11.3	11.5	11.6	11.8	11.9	14.2	16.5	18.9	21.3	23.2	25.1
-87.5°	9.0	9.1	9.1	9.2	9.2	11.1	13.0	14.8	16.6	18.4	20.2
-90°	5.4	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	0.9



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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°	47.3	54.1	49.6	45.1	49.6	54.1	47.3	40.6	33.8	27.1	23.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.3
85°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
82.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.6
80°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6	4.0
77.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	4.1
75°	4.1	3.6	4.5	5.4	4.5	3.6	4.1	4.5	4.8	5.1	5.4
72.5°	9.2	8.9	9.0	9.0	9.0	8.9	9.2	9.4	9.5	9.7	10.0
70°	10.7	10.7	10.8	10.8	10.8	10.7	10.7	10.7	10.7	11.4	12.9
67.5°	9.7	9.1	9.0	9.0	9.0	9.1	9.7	10.2	10.6	11.5	13.2
65°	7.4	7.3	7.2	7.2	7.2	7.3	7.4	7.7	8.1	9.3	11.2
62.5°	6.6	7.1	7.2	7.2	7.2	7.1	6.6	6.3	6.0	6.9	8.5
60°	5.5	5.5	5.4	5.4	5.4	5.5	5.5	5.5	5.4	6.0	6.8
57.5°	5.4	5.4	6.1	7.2	6.1	5.4	5.4	5.4	5.4	5.9	6.4
55°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	6.0	6.5
52.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.5	6.1	6.6
50°	6.9	7.1	7.2	7.2	7.2	7.1	6.9	6.7	6.6	6.8	6.9
47.5°	8.7	8.9	8.4	7.2	8.4	8.9	8.7	8.4	8.6	8.9	8.8
45°	11.3	11.0	10.7	10.8	10.7	11.0	11.3	11.2	13.4	14.1	12.1
42.5°	17.6	17.7	17.8	18.0	17.8	17.7	17.6	17.0	20.2	25.6	30.0
40°	31.2	31.9	32.1	32.5	32.1	31.9	31.2	29.7	28.6	26.8	30.1
37.5°	47.2	48.0	48.2	48.7	48.2	48.0	47.2	46.6	46.3	42.7	44.2
35°	79.6	79.4	76.7	77.6	76.7	79.4	79.6	79.9	77.2	68.4	74.0
32.5°	171.1	172.3	163.5	149.8	163.5	172.3	171.1	160.3	144.6	131.4	123.2
30°	330.6	358.9	377.9	378.9	377.9	358.9	330.6	298.5	255.9	221.7	191.8
27.5°	582.3	626.3	645.0	655.0	645.0	626.3	582.3	518.2	422.2	369.0	288.6
25°	1100.2	1201.1	1255.6	1214.4	1255.6	1201.1	1100.2	939.8	735.6	615.2	491.6
22.5°	2213.9	2406.9	2571.3	2580.5	2571.3	2406.9	2213.9	1832.5	1431.4	1075.1	831.7
20°	5228.2	5184.4	5600.3	5391.9	5600.3	5184.4	5228.2	4135.1	3348.8	2337.5	1731.5
17.5°	14829.6	16469.9	17376.5	16136.0	17376.5	16469.9	14829.6	11464.7	9540.8	6411.4	4124.4
15°	34092.6	38184.7	40953.5	40599.9	40953.5	38184.7	34092.6	28010.2	21907.6	15497.7	9632.2
12.5°	64102.8	70827.3	76559.1	76318.6	76559.1	70827.3	64102.8	56169.4	42005.7	30900.4	20041.4
10°	111038.7	122762.4	133688.3	134826.6	133688.3	122762.4	111038.7	93187.3	73150.3	53093.8	33859.0
7.5°	154281.3	180681.7	196418.7	200456.2	196418.7	180681.7	154281.3	129322.3	102155.0	76351.4	51689.4
5°	208428.5	239001.3	255540.7	255982.1	255540.7	239001.3	208428.5	166825.3	132588.6	100075.3	68248.8
2.5°	248512.6	282950.7	303258.8	318971.7	303258.8	282950.7	248512.6	200000.8	156394.8	117487.3	80119.8
0°	260433.9	290132.7	323271.0	341695.1	323271.0	290132.7	260433.9	206370.4	161803.3	121635.5	83628.7
-2.5°	244460.0	275554.1	292004.3	306990.5	292004.3	275554.1	244460.0	195338.8	155590.8	117937.4	80739.6
-5°	214113.6	247047.5	262852.6	266226.4	262852.6	247047.5	214113.6	177620.4	142254.4	107845.4	73256.4
-7.5°	170370.6	193550.6	209551.7	215827.0	209551.7	193550.6	170370.6	145650.0	118368.4	88960.2	59223.0
-10°	133338.3	148306.4	156313.7	161638.2	156313.7	148306.4	133338.3	113896.3	92989.6	68771.2	44041.1
-12.5°	100533.2	111353.4	117633.4	120366.9	117633.4	111353.4	100533.2	85942.2	67839.2	49219.0	32700.0
-15°	71558.9	80120.9	84373.2	87080.8	84373.2	80120.9	71558.9	58920.2	46406.2	33408.9	21789.6
-17.5°	49027.3	55911.8	59835.7	62387.7	59835.7	55911.8	49027.3	39517.1	30875.3	21630.2	14614.9
-20°	31369.0	35468.2	38487.5	39367.4	38487.5	35468.2	31369.0	25417.1	19702.0	13874.8	9826.7



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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°	18327.9	20741.4	22262.0	22607.0	22262.0	20741.4	18327.9	15063.9	11678.9	8690.1	6461.9
-25°	9965.3	11016.9	11814.6	12084.9	11814.6	11016.9	9965.3	8554.3	6782.1	5820.8	4832.1
-27.5°	6119.7	6526.2	6820.9	6972.7	6820.9	6526.2	6119.7	5626.2	4920.2	4502.8	4029.8
-30°	4602.9	4788.4	4899.1	4973.3	4899.1	4788.4	4602.9	4349.7	4046.0	3784.2	3522.0
-32.5°	3779.1	3862.2	3912.2	3946.5	3912.2	3862.2	3779.1	3662.1	3497.1	3334.4	3194.3
-35°	3366.3	3420.2	3457.2	3475.5	3457.2	3420.2	3366.3	3291.5	3197.0	3096.6	2988.1
-37.5°	3117.6	3151.6	3176.2	3190.4	3176.2	3151.6	3117.6	3071.8	3010.4	2941.3	2810.7
-40°	2948.0	2971.8	2991.6	3013.6	2991.6	2971.8	2948.0	2914.0	2842.6	2747.3	2596.3
-42.5°	2793.4	2828.7	2846.5	2851.1	2846.5	2828.7	2793.4	2738.0	2627.5	2490.7	2306.3
-45°	2543.3	2641.5	2701.9	2721.2	2701.9	2641.5	2543.3	2418.6	2255.8	2069.5	1861.4
-47.5°	2016.5	2163.5	2274.5	2342.3	2274.5	2163.5	2016.5	1849.4	1667.6	1476.3	1281.3
-50°	1302.9	1334.0	1346.3	1339.0	1346.3	1334.0	1302.9	1269.0	1232.6	1194.4	1157.8
-52.5°	1146.0	1158.5	1168.9	1176.5	1168.9	1158.5	1146.0	1129.9	1109.4	1082.3	1051.5
-55°	1026.1	1040.1	1053.4	1064.7	1053.4	1040.1	1026.1	1007.0	982.7	951.1	915.7
-57.5°	874.9	889.2	894.5	893.2	894.5	889.2	874.9	856.9	835.5	809.1	778.5
-60°	733.8	743.9	751.5	756.1	751.5	743.9	733.8	720.8	705.0	683.9	659.3
-62.5°	615.3	624.2	634.0	642.4	634.0	624.2	615.3	603.5	588.5	568.2	543.8
-65°	502.5	511.9	519.3	525.1	519.3	511.9	502.5	491.2	477.8	460.8	440.1
-67.5°	419.7	430.8	439.1	445.7	439.1	430.8	419.7	407.2	393.2	376.0	354.7
-70°	336.8	347.8	354.4	359.1	354.4	347.8	336.8	324.5	311.2	294.9	273.5
-72.5°	237.3	245.2	249.0	250.8	249.0	245.2	237.3	227.8	216.8	202.8	183.4
-75°	119.3	123.2	126.8	129.9	126.8	123.2	119.3	114.8	109.6	103.3	94.6
-77.5°	69.7	73.4	75.7	77.6	75.7	73.4	69.7	65.9	62.1	58.0	52.8
-80°	49.9	52.0	54.0	55.9	54.0	52.0	49.9	47.6	45.2	42.6	39.3
-82.5°	34.1	36.0	37.0	37.9	37.0	36.0	34.1	32.1	30.1	28.1	25.9
-85°	27.0	28.8	29.8	30.7	29.8	28.8	27.0	25.1	23.2	21.3	18.9
-87.5°	21.9	23.6	24.4	25.3	24.4	23.6	21.9	20.2	18.4	16.6	14.8
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	2.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	18.9	14.9	10.8	10.3	9.9	9.4	9.0	8.5	8.1	7.7	7.2
87.5°	2.7	3.2	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4
85°	3.5	3.5	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4
82.5°	3.6	3.6	3.6	4.1	4.5	5.0	5.4	5.6	5.7	5.7	5.7
80°	4.3	4.6	4.7	4.8	5.0	5.2	5.5	5.9	6.4	6.7	6.9
77.5°	4.6	5.0	5.5	5.6	5.7	5.7	5.7	6.0	6.4	6.9	7.2
75°	5.8	6.0	6.5	7.1	7.4	7.2	7.0	6.9	6.9	7.0	7.2
72.5°	10.1	10.1	10.6	11.7	12.1	12.7	12.6	11.7	10.3	8.5	7.2
70°	14.1	15.1	17.2	20.4	22.6	23.6	23.1	21.4	18.4	16.1	12.9
67.5°	15.0	16.9	20.2	24.2	27.2	30.2	33.0	35.2	34.2	30.8	22.3
65°	13.2	15.3	17.8	20.8	24.6	29.5	36.1	40.1	42.3	42.8	35.5
62.5°	10.3	12.2	13.6	15.7	18.6	23.4	31.4	38.5	44.8	46.7	39.8
60°	7.9	9.0	9.9	11.2	12.8	17.3	25.5	34.1	43.1	43.3	40.1
57.5°	6.9	7.6	8.3	8.8	9.0	12.6	19.1	27.7	37.0	36.9	35.8
55°	7.0	7.5	8.0	8.5	9.0	10.4	13.1	18.8	26.5	28.4	28.2
52.5°	7.1	7.7	8.2	8.7	9.1	9.4	10.3	13.5	16.4	19.5	20.8
50°	7.3	7.8	8.3	8.9	9.2	9.1	9.4	10.3	12.0	13.8	15.2
47.5°	8.8	8.8	8.7	9.1	9.7	9.9	9.7	9.5	10.6	11.0	12.3
45°	12.0	11.4	10.4	10.9	11.0	11.1	11.0	11.6	11.2	11.3	10.8
42.5°	25.5	19.0	14.8	16.1	15.2	14.4	13.7	14.8	14.3	12.9	13.9
40°	36.0	39.6	33.6	28.3	25.9	21.3	20.8	19.8	19.0	16.6	19.2
37.5°	44.3	43.3	52.2	54.3	45.9	38.4	32.8	28.6	25.5	26.0	27.5
35°	71.5	69.0	71.8	75.5	73.5	67.1	53.6	42.5	37.1	37.8	37.7
32.5°	115.0	110.5	104.4	104.0	107.9	104.2	87.6	65.7	56.7	53.2	50.1
30°	173.0	163.8	149.4	147.7	155.5	147.1	129.2	113.9	94.1	71.6	64.5
27.5°	268.9	235.9	214.9	222.0	219.9	204.7	191.5	175.9	142.4	107.3	86.8
25°	430.8	367.6	342.2	330.1	307.5	294.1	273.6	246.3	206.7	162.3	142.2
22.5°	661.4	607.5	539.1	468.0	471.4	447.3	381.5	324.5	310.1	310.3	245.3
20°	1202.9	1017.2	836.6	811.3	774.0	659.1	523.9	515.0	565.2	519.1	383.6
17.5°	2793.8	1926.8	1544.4	1446.6	1241.2	988.7	944.2	897.3	868.8	778.0	548.8
15°	5390.0	3942.9	2929.2	2391.3	1956.6	1703.5	1576.4	1334.2	1219.7	1065.8	795.1
12.5°	12060.2	7389.8	4497.4	3643.4	3003.2	2539.5	2274.6	1909.4	1618.5	1432.8	1163.1
10°	20292.3	12430.9	7489.6	5296.8	4216.3	3455.2	2922.4	2436.9	2038.8	1823.9	1542.2
7.5°	31700.6	18807.9	10874.8	6944.7	5326.2	4213.2	3450.9	2894.4	2444.6	2205.1	1924.2
5°	40883.4	23734.7	13093.1	8248.5	6290.2	4949.6	3984.6	3307.5	2835.3	2575.5	2299.0
2.5°	46423.0	26401.3	14584.9	9416.2	7128.3	5576.2	4447.3	3619.6	3113.7	2791.2	2489.8
0°	49665.8	28477.1	16054.8	9968.2	7588.0	5938.7	4789.2	3847.2	3333.0	2966.6	2654.5
-2.5°	47640.2	28102.6	15544.0	9638.2	7276.2	5781.1	4741.6	3917.6	3414.3	3027.0	2661.7
-5°	42751.7	24382.6	13780.2	8882.9	6768.6	5429.0	4524.9	3847.7	3394.4	3037.0	2634.8
-7.5°	35360.7	20094.9	11746.3	7967.4	6151.1	4976.9	4194.8	3615.9	3189.6	2878.3	2471.5
-10°	26202.1	15406.8	9573.3	6877.7	5442.5	4490.8	3853.7	3352.3	2981.0	2712.9	2283.1
-12.5°	19684.9	11533.8	7345.1	5683.6	4684.3	4007.5	3533.1	3074.7	2774.2	2545.4	2074.4
-15°	13116.2	8691.1	6206.6	4876.9	4071.0	3584.9	3234.0	2842.0	2618.8	2385.7	1849.3
-17.5°	9656.1	6556.2	5019.8	4195.9	3628.4	3249.2	2959.9	2676.0	2460.3	2183.8	1610.1
-20°	6748.2	5222.1	4317.8	3685.1	3259.9	2976.2	2714.2	2501.3	2284.8	1900.1	1367.7



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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°	5200.7	4442.1	3800.8	3273.3	2948.1	2727.6	2521.9	2327.9	2093.8	1600.7	1130.5
-25°	4326.3	3866.3	3438.5	3077.2	2727.2	2498.4	2346.1	2162.6	1806.0	1317.8	929.2
-27.5°	3717.4	3423.2	3223.4	2893.8	2578.0	2339.7	2179.0	1976.2	1523.1	1102.8	889.7
-30°	3295.9	3142.8	2954.7	2677.2	2410.7	2208.3	2039.6	1672.4	1272.5	936.0	868.6
-32.5°	3026.4	2890.8	2692.9	2443.0	2239.7	2099.5	1777.5	1384.1	1021.7	912.3	839.1
-35°	2853.2	2660.5	2440.4	2267.6	2136.1	1846.1	1490.9	1115.6	950.3	882.4	804.7
-37.5°	2629.2	2424.9	2277.4	2119.3	1852.7	1536.0	1166.6	998.3	923.6	842.9	759.5
-40°	2418.4	2259.2	2028.3	1790.2	1484.4	1149.8	1043.2	978.2	888.2	795.2	707.2
-42.5°	2098.8	1888.1	1640.7	1351.8	1120.1	1076.8	1022.0	933.4	839.7	741.2	652.7
-45°	1632.2	1397.0	1178.2	1133.8	1091.0	1030.2	965.0	870.1	771.9	681.1	595.6
-47.5°	1208.3	1164.2	1126.1	1077.8	1015.6	950.7	872.8	787.3	699.2	616.4	548.9
-50°	1121.5	1079.1	1033.0	980.5	913.6	843.2	772.7	701.8	626.8	561.8	497.5
-52.5°	1015.6	966.6	913.9	858.0	799.3	736.7	673.7	621.8	563.8	501.5	440.0
-55°	876.7	834.2	787.7	738.0	688.2	642.6	595.8	546.5	493.4	435.6	380.5
-57.5°	744.0	707.8	672.8	636.6	599.4	555.7	509.7	463.9	418.4	367.3	319.9
-60°	632.1	602.5	569.6	534.7	498.0	459.1	419.8	379.8	339.0	305.5	270.9
-62.5°	516.3	485.9	459.0	431.0	399.1	364.1	333.1	307.0	280.2	251.1	217.4
-65°	416.5	389.9	363.8	339.6	314.8	289.7	267.4	243.0	217.2	190.5	160.9
-67.5°	331.4	306.0	283.9	263.4	241.2	216.8	194.9	173.2	154.1	134.9	111.4
-70°	251.2	228.0	207.0	186.9	166.2	146.9	131.4	116.2	99.9	85.1	69.4
-72.5°	163.8	144.3	127.0	112.8	99.3	89.0	78.8	68.1	56.8	45.0	36.2
-75°	85.3	75.4	66.2	59.0	51.2	42.7	38.6	36.6	34.3	31.9	29.1
-77.5°	47.8	42.9	38.8	37.0	35.2	33.2	31.2	29.2	27.2	25.3	23.4
-80°	35.9	32.5	29.5	28.0	26.6	25.3	24.0	22.6	21.1	19.8	18.8
-82.5°	23.7	21.4	19.1	18.6	18.0	17.4	16.7	16.1	15.7	15.3	15.0
-85°	16.5	14.2	11.9	11.8	11.6	11.5	11.3	11.4	11.4	11.4	11.2
-87.5°	13.0	11.1	9.2	9.2	9.1	9.1	9.0	8.9	8.8	8.6	8.5
-90°	2.7	3.2	3.6	4.1	4.5	5.0	5.4	5.4	5.4	5.4	5.4



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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°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	5.7	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.2	7.2	7.2
85°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	5.9	6.3	6.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	6.8	6.8	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.3	7.3	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.4	7.7	7.7	7.5	7.2	7.2	7.2	7.2
70°	9.9	7.7	7.2	7.3	7.8	8.3	8.2	7.8	7.2	7.2	7.2
67.5°	14.5	11.1	8.7	7.4	7.4	7.9	8.8	8.5	7.9	7.2	7.2
65°	25.5	17.0	10.6	8.8	7.6	7.4	8.1	8.8	8.5	7.8	7.2
62.5°	32.8	25.1	17.1	11.3	8.4	7.5	7.4	8.3	8.9	8.3	7.5
60°	36.1	28.9	23.1	17.0	11.0	7.6	7.3	7.9	8.6	8.9	8.0
57.5°	33.0	30.8	26.3	21.4	15.6	9.7	7.4	7.8	8.4	8.9	8.5
55°	27.9	27.1	27.7	24.0	19.1	13.4	8.6	7.9	8.3	8.8	9.0
52.5°	20.7	23.8	26.4	25.5	21.2	16.5	11.5	8.0	8.4	8.8	9.0
50°	15.2	19.7	24.7	25.9	23.0	18.3	13.8	9.7	8.5	8.9	9.1
47.5°	14.1	17.9	22.0	26.1	24.5	20.1	15.5	11.2	8.6	9.0	9.2
45°	14.6	17.7	20.7	24.4	26.1	21.4	17.0	12.4	9.5	9.2	9.4
42.5°	16.1	18.9	21.2	23.3	25.0	22.3	18.4	13.6	10.1	9.4	9.6
40°	20.9	21.3	22.5	24.5	24.2	22.9	19.0	14.7	10.5	9.8	9.8
37.5°	27.1	26.1	25.4	28.1	25.1	22.9	19.2	15.8	11.7	10.6	10.1
35°	36.3	33.2	31.7	33.8	30.3	23.5	19.2	16.4	13.5	11.4	10.5
32.5°	46.7	44.7	42.8	40.5	37.4	24.8	19.7	18.0	15.5	12.2	10.8
30°	62.8	65.3	56.4	48.0	45.6	31.4	22.3	20.0	17.5	13.0	11.3
27.5°	98.2	92.4	73.8	60.0	52.7	40.5	27.7	22.3	19.6	14.2	12.0
25°	143.9	128.4	100.4	74.8	60.4	65.5	34.2	25.1	21.6	15.9	12.7
22.5°	199.0	172.4	131.5	90.9	95.3	98.3	48.1	30.3	23.7	17.6	13.4
20°	261.2	223.1	177.4	151.2	139.2	129.6	72.3	36.0	26.0	19.2	14.1
17.5°	339.4	317.7	288.1	230.1	189.3	164.1	100.5	42.1	28.4	20.8	14.8
15°	555.8	463.3	410.9	318.2	242.9	201.2	131.9	48.5	30.9	22.4	15.6
12.5°	816.7	611.7	542.4	413.6	299.0	240.3	165.4	55.1	33.5	24.2	16.6
10°	1096.2	762.0	680.1	513.6	356.7	280.7	199.9	63.1	37.7	26.1	17.6
7.5°	1384.8	912.8	820.7	615.6	414.0	320.8	237.9	74.3	42.4	27.9	18.7
5°	1645.0	1040.1	933.4	702.4	465.4	359.4	274.9	85.5	47.1	29.6	19.8
2.5°	1770.4	1129.1	1022.8	782.3	514.7	396.3	309.1	96.4	51.6	31.1	20.8
0°	1869.5	1214.4	1104.4	855.3	561.2	431.3	339.2	106.5	55.9	32.5	21.7
-2.5°	1879.1	1212.2	1093.5	854.3	577.8	445.2	345.6	121.9	68.7	41.2	25.9
-5°	1859.7	1205.3	1075.3	845.8	590.5	456.3	347.3	136.2	81.0	49.6	29.8
-7.5°	1750.0	1165.2	1040.0	829.0	599.3	464.2	344.9	149.3	92.4	57.4	33.4
-10°	1600.0	1104.5	983.5	791.3	589.5	463.1	338.6	160.9	102.8	64.4	36.6
-12.5°	1425.1	1042.4	926.5	750.9	574.0	454.5	327.8	171.6	112.1	70.4	39.3
-15°	1226.7	980.0	870.7	709.1	555.6	444.2	315.7	180.8	120.6	75.9	41.4
-17.5°	1012.5	918.1	818.0	667.3	534.7	432.5	303.1	188.2	127.9	81.1	43.7
-20°	947.6	870.1	768.4	626.7	511.5	419.8	290.6	193.6	133.9	85.0	45.9



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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°	910.4	831.9	724.6	595.2	489.5	406.2	279.1	197.1	138.6	87.4	47.1
-25°	874.2	793.3	682.8	567.6	471.6	386.8	274.9	198.4	141.7	88.4	47.2
-27.5°	833.0	752.2	641.0	537.9	454.4	370.5	275.0	201.1	143.2	87.8	46.1
-30°	790.3	705.0	604.4	509.1	435.4	350.8	272.6	202.1	142.2	86.3	43.9
-32.5°	755.3	659.3	567.5	486.5	412.6	330.2	262.2	201.2	138.9	83.6	42.2
-35°	713.0	618.7	530.2	462.3	387.8	313.1	248.3	198.3	133.5	79.1	40.1
-37.5°	667.5	578.2	502.3	435.5	362.2	293.7	235.7	185.0	125.7	72.8	36.9
-40°	620.4	539.6	473.4	406.8	337.8	272.0	221.2	168.6	116.7	64.7	32.6
-42.5°	571.1	504.9	440.0	376.8	311.7	254.1	204.6	150.6	102.5	57.5	27.3
-45°	529.8	466.0	402.9	343.0	284.4	234.3	182.7	131.1	86.6	50.2	23.3
-47.5°	484.3	422.2	363.4	307.1	260.1	211.4	158.9	112.0	69.7	41.4	22.2
-50°	433.3	376.2	322.0	274.8	232.4	182.9	134.0	91.7	57.6	30.6	20.8
-52.5°	381.9	329.0	283.6	242.9	198.8	152.5	109.8	70.8	44.8	25.7	19.2
-55°	328.4	285.7	247.2	206.0	163.0	122.9	84.2	55.9	31.5	23.4	17.5
-57.5°	282.1	244.8	205.7	165.9	128.3	92.7	63.5	40.4	26.3	20.9	16.4
-60°	235.6	198.1	161.2	127.2	94.1	66.9	45.7	28.5	23.5	18.6	15.2
-62.5°	183.4	150.2	119.1	88.9	65.7	46.5	29.9	25.3	20.6	17.1	13.9
-65°	133.8	105.6	77.6	60.4	43.1	30.1	26.3	22.0	18.6	15.5	12.7
-67.5°	86.6	68.4	51.0	35.5	29.4	26.0	22.5	19.6	16.8	13.9	11.8
-70°	53.5	38.2	31.2	27.9	24.9	22.0	19.9	17.5	14.9	12.9	10.8
-72.5°	32.7	29.2	26.0	23.1	21.3	19.4	17.5	15.5	13.7	11.8	9.9
-75°	26.1	23.9	21.9	20.1	18.5	16.8	15.5	14.2	12.4	10.7	9.5
-77.5°	21.7	20.0	18.5	17.1	15.8	14.7	13.8	12.8	11.3	10.1	9.4
-80°	17.6	16.5	15.3	14.1	13.3	12.6	12.0	11.4	10.4	9.6	9.2
-82.5°	14.0	13.1	12.3	11.6	11.2	10.8	10.4	9.9	9.4	9.0	8.8
-85°	10.7	10.3	9.9	9.5	9.3	9.0	8.9	8.7	8.6	8.4	8.3
-87.5°	8.4	8.4	8.3	8.2	8.2	8.1	8.0	8.0	7.9	7.8	7.7
-90°	5.4	5.4	5.4	5.4	5.9	6.3	6.8	7.2	7.2	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
87.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
85°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
82.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
80°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
77.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
75°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
72.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.2	7.2	7.2	7.2	7.2	7.2	7.2
67.5°	7.3	7.2	7.2	7.2	7.2	7.2	7.2
65°	7.3	7.3	7.2	7.2	7.2	7.2	7.2
62.5°	7.4	7.4	7.2	7.2	7.2	7.2	7.2
60°	7.5	7.6	7.2	7.2	7.2	7.2	7.2
57.5°	7.9	7.7	7.4	7.2	7.2	7.2	7.2
55°	8.2	7.9	7.5	7.2	7.2	7.2	7.2
52.5°	8.5	8.1	7.7	7.2	7.3	7.2	7.2
50°	8.8	8.3	7.9	7.2	7.3	7.2	7.2
47.5°	9.0	8.5	8.1	7.2	7.4	7.2	7.2
45°	9.2	8.7	8.4	7.4	7.4	7.2	7.2
42.5°	9.3	8.8	8.6	7.6	7.5	7.2	7.2
40°	9.5	8.9	8.8	7.8	7.5	7.2	7.2
37.5°	9.8	9.0	8.8	8.0	7.6	7.2	7.2
35°	10.0	9.1	8.9	8.2	7.7	7.2	7.2
32.5°	10.3	9.3	9.0	8.3	7.8	7.2	7.2
30°	10.6	9.5	9.0	8.5	7.9	7.2	7.2
27.5°	10.9	9.7	9.0	8.6	7.9	7.2	7.2
25°	11.2	9.9	9.0	8.7	8.0	7.2	7.2
22.5°	11.5	10.1	9.0	8.8	8.1	7.2	7.2
20°	11.9	10.2	9.0	8.8	8.2	7.2	7.2
17.5°	12.1	10.4	9.0	8.9	8.3	7.2	7.2
15°	12.2	10.5	9.0	8.9	8.4	7.2	7.2
12.5°	12.3	10.6	9.0	9.0	8.5	7.2	7.2
10°	12.4	10.7	9.0	9.0	8.6	7.2	7.2
7.5°	12.5	10.7	9.0	9.0	8.7	7.2	7.2
5°	12.6	10.8	9.0	9.0	8.8	7.2	7.2
2.5°	12.6	10.8	9.0	9.0	8.9	7.2	7.2
0°	12.6	10.8	9.0	9.0	9.0	7.2	7.2
-2.5°	14.3	11.2	9.2	9.0	9.0	7.2	7.2
-5°	15.9	11.6	9.3	9.0	9.0	7.2	7.2
-7.5°	17.4	11.9	9.5	9.0	9.0	7.2	7.2
-10°	18.7	12.2	9.6	9.0	8.9	7.2	7.2
-12.5°	19.9	12.4	9.7	9.0	8.9	7.2	7.2
-15°	20.8	12.6	9.8	9.0	8.9	7.2	7.2
-17.5°	21.4	12.8	9.9	9.0	8.8	7.2	7.2
-20°	22.0	12.9	9.9	9.0	8.8	7.2	7.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.7	12.9	10.0	9.0	8.7	7.2	7.2
-25°	22.8	13.0	10.0	9.0	8.7	7.2	7.2
-27.5°	22.3	13.1	9.9	9.0	8.6	7.2	7.2
-30°	21.2	13.1	9.8	9.0	8.5	7.2	7.2
-32.5°	19.4	13.0	9.9	9.0	8.4	7.2	7.2
-35°	18.6	12.8	9.8	9.0	8.3	7.2	7.2
-37.5°	18.3	12.6	9.8	9.0	8.3	7.2	7.2
-40°	17.8	12.5	9.7	9.0	8.2	7.2	7.2
-42.5°	17.2	12.3	9.6	9.0	8.1	7.2	7.2
-45°	16.4	12.1	9.6	9.0	7.9	7.2	7.2
-47.5°	15.4	11.8	9.6	9.0	7.8	7.2	7.2
-50°	14.8	11.4	9.5	8.9	7.7	7.2	7.2
-52.5°	14.2	10.9	9.5	8.7	7.6	7.2	7.2
-55°	13.5	10.6	9.3	8.6	7.5	7.2	7.2
-57.5°	12.7	10.4	9.2	8.4	7.3	7.2	7.2
-60°	11.8	10.0	9.0	8.2	7.2	7.2	7.2
-62.5°	11.2	9.6	8.8	8.1	7.2	7.2	7.2
-65°	10.6	9.2	8.7	7.9	7.2	7.2	7.2
-67.5°	9.9	8.9	8.5	7.8	7.2	7.2	7.2
-70°	9.1	8.8	8.4	7.6	7.2	7.2	7.2
-72.5°	9.0	8.7	8.2	7.5	7.2	7.2	7.2
-75°	9.0	8.6	8.1	7.5	7.2	7.2	7.2
-77.5°	9.0	8.5	7.9	7.5	7.2	7.2	7.2
-80°	9.0	8.3	7.8	7.4	7.2	7.2	7.2
-82.5°	8.6	8.1	7.7	7.4	7.2	7.2	7.2
-85°	8.1	7.8	7.5	7.3	7.2	7.2	7.2
-87.5°	7.7	7.5	7.4	7.3	7.2	7.2	7.2
-90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2

(END OF REPORT)