

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: P1306381 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-70-3S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

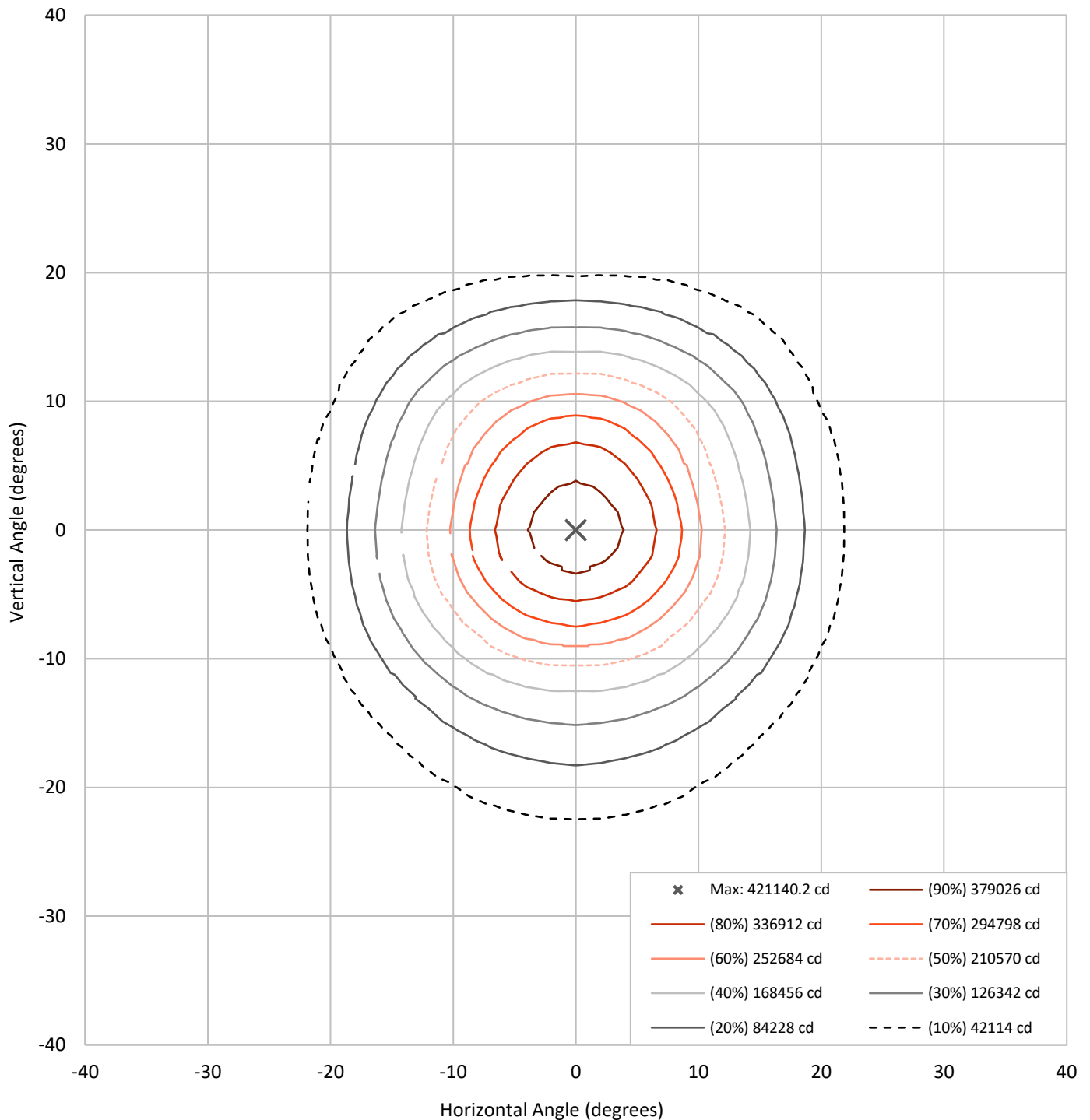
Test Method: LM-79-08  
Report Number: P1306381 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-70-3S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 3S 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:	87284.7 lumens	Max Intensity:	421140.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	41158.8 lumens	Field Lumens:	74355.2 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
Input Watts (W):	688		
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





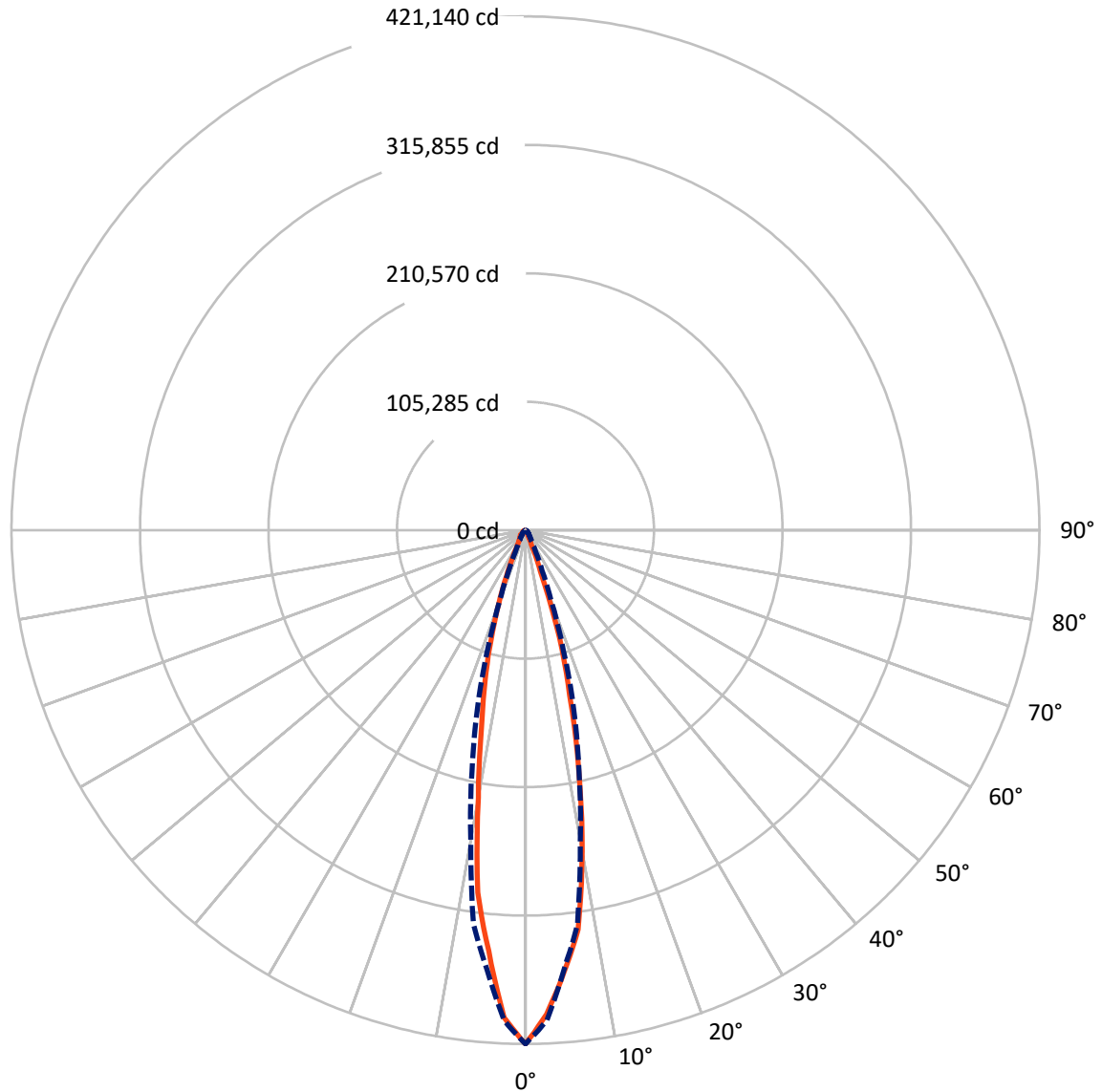
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### Lumen Table

90	0.1	0.3		0.5		0.6		0.6		0.6		0.5		0.3		0.1			
80	0.1	0.3		0.5		0.6		0.6		0.6		0.5		0.3		0.1			
70	0.1	0.1	0.2	0.7	0.9	0.6	0.5	0.4	0.4	0.5	0.6	0.9	0.7	0.2	0.1	0.1			
60		0.1	0.5	0.9	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.9	0.5	0.1				
50	0.2	0.3	0.8	0.7	0.8	1.3	2.3	1.6	1.6	2.3	1.3	0.8	0.7	0.8	0.3	0.2			
40		0.5	1.5	3.4	6.1	8.9	12.2	14.6	14.6	12.2	8.9	6.1	3.4	1.5	0.5				
30	0.3	0.8	5.9	18.6	43.0	71.7	147.2	283.4	283.4	147.2	71.7	43.0	18.6	5.9	0.8	0.3			
20		1.8	12.7	47.4	114.7	303.8	1672.8	3947.6	3947.6	1672.8	303.8	114.7	47.4	12.7	1.8				
10	0.4	2.8	16.9	63.1	147.6	647.9	4010.2	9404.7	9404.7	4010.2	647.9	147.6	63.1	16.9	2.8	0.4			
0		3.4	18.1	64.1	148.0	641.6	3940.1	9012.6	9012.6	3940.1	641.6	148.0	64.1	18.1	3.4				
-10	0.8	4.1	17.1	53.2	116.3	306.3	1597.5	3605.4	3605.4	1597.5	306.3	116.3	53.2	17.1	4.1	0.8			
-20		4.3	15.9	39.9	99.2	173.6	397.5	812.6	812.6	397.5	173.6	99.2	39.9	15.9	4.3				
-30	0.6	3.8	13.7	30.2	73.2	143.5	201.6	247.6	247.6	201.6	143.5	73.2	30.2	13.7	3.8	0.6			
-40		2.7	10.4	23.8	44.4	78.8	129.1	165.3	165.3	129.1	78.8	44.4	23.8	10.4	2.7				
-50	0.3	1.3	6.3	16.0	30.3	46.7	62.5	72.3	72.3	62.5	46.7	30.3	16.0	6.3	1.3	0.3			
-60		0.5	2.2	6.9	14.1	22.4	30.6	35.3	35.3	30.6	22.4	14.1	6.9	2.2	0.5				
-70	0.2	1.2		4.4		11.5		15.6		11.5		4.4		1.2		0.2			
-80		1.2		4.4		11.5		15.6		11.5		4.4		1.2					
-90	0.2	1.2		4.4		11.5		15.6		11.5		4.4		1.2		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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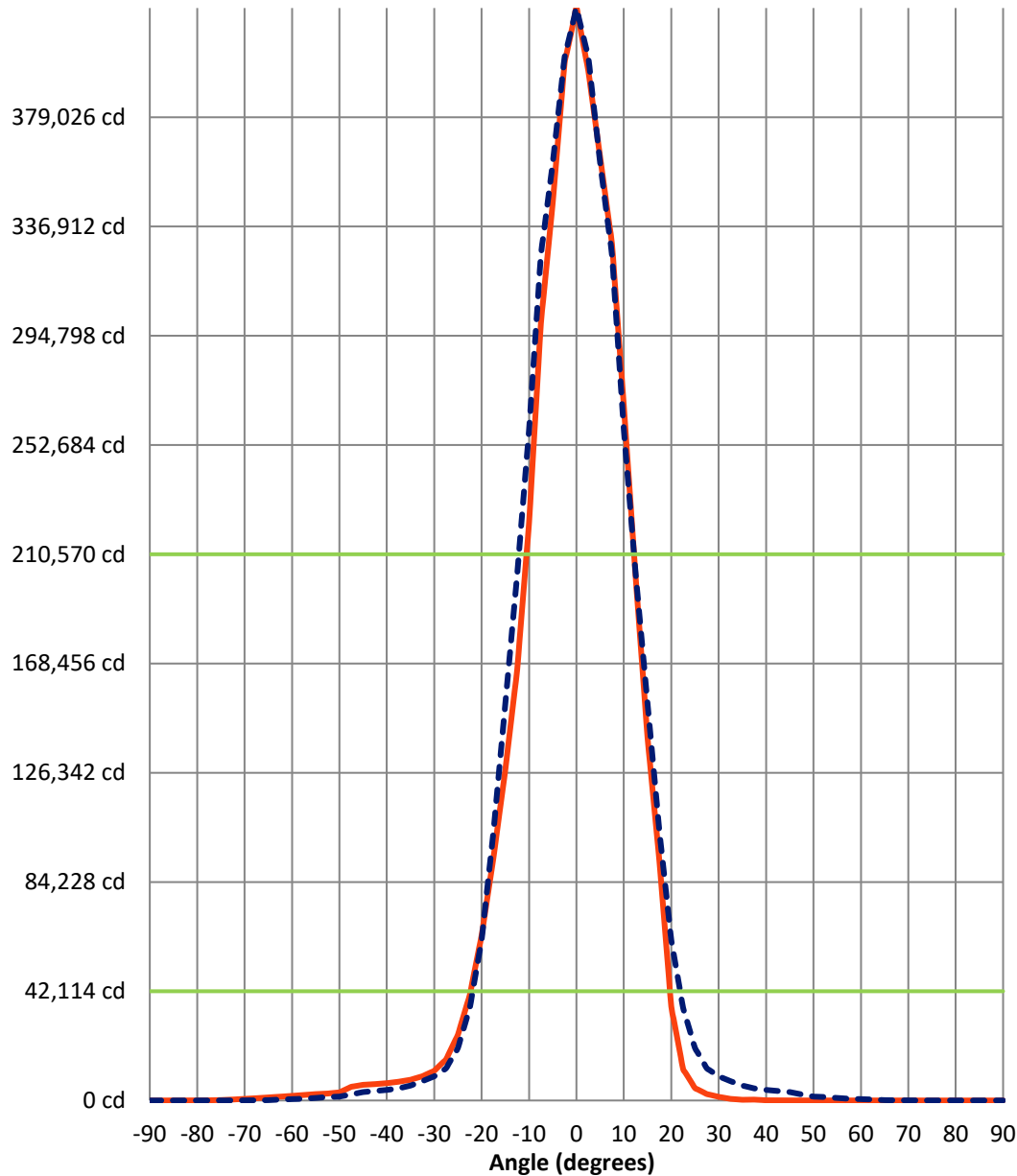
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 24.3°  
 V Angle: 22.7°  
 Lumens: 41158.8  
 Efficiency: 47.2%

**Field:**  
 H Angle: 43.8°  
 V Angle: 42.1°  
 Lumens: 74355.2  
 Efficiency: 85.2%

**Spill:**  
 Lumens: 12929.5  
 Efficiency: 14.8%

— 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°	4.3	5.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.3	4.4	4.5	4.5	4.5	4.4	4.3	4.3	4.3	4.3	4.3
85°	4.3	4.5	4.7	4.7	4.7	4.5	4.3	4.3	4.3	4.3	4.3
82.5°	4.3	4.6	4.8	4.9	4.9	4.7	4.3	4.3	4.3	4.4	4.3
80°	4.3	4.7	5.0	5.1	5.0	4.8	4.4	4.6	4.7	4.6	4.3
77.5°	4.3	4.8	5.2	5.3	5.2	5.0	4.9	5.1	5.1	4.9	4.4
75°	4.3	4.8	5.4	5.6	5.4	5.3	5.5	5.6	5.5	5.0	4.5
72.5°	4.3	4.9	5.6	5.8	5.6	5.7	6.0	6.0	5.5	5.0	4.5
70°	4.3	5.0	5.7	6.0	5.8	6.0	6.4	6.1	5.6	5.1	5.2
67.5°	4.3	5.1	5.9	6.1	6.0	6.3	6.4	6.1	5.7	5.6	5.9
65°	4.3	5.2	6.1	6.1	6.1	6.4	6.4	6.2	5.9	6.1	6.5
62.5°	4.3	5.3	6.2	6.2	6.3	6.4	6.4	6.3	6.2	6.5	6.7
60°	4.3	5.3	6.4	6.2	6.4	6.4	6.4	6.4	6.4	6.9	7.0
57.5°	4.3	5.4	6.4	6.3	6.4	6.4	6.5	6.4	6.8	7.3	7.4
55°	4.3	5.5	6.4	6.3	6.4	6.4	6.6	6.5	7.4	7.9	7.8
52.5°	4.3	5.6	6.4	6.4	6.4	6.4	6.8	7.1	8.0	8.5	8.4
50°	4.3	5.6	6.4	6.4	6.4	6.6	7.0	7.7	8.6	9.1	11.3
47.5°	4.3	5.7	6.4	6.4	6.4	6.9	7.3	8.3	9.3	9.8	14.1
45°	4.3	5.8	6.4	6.4	6.4	7.1	7.8	8.9	10.0	12.1	16.7
42.5°	4.3	5.8	6.4	6.4	6.4	7.4	8.3	9.5	10.6	14.1	21.6
40°	4.3	5.9	6.4	6.4	6.5	7.6	8.8	10.0	11.5	15.9	26.6
37.5°	4.3	6.0	6.4	6.4	6.7	7.9	9.2	10.6	13.0	18.3	31.4
35°	4.3	6.0	6.4	6.4	7.0	8.3	9.7	11.1	14.3	22.7	35.3
32.5°	4.3	6.1	6.4	6.4	7.2	8.6	10.1	11.6	15.5	27.0	38.8
30°	4.3	6.1	6.4	6.4	7.4	9.0	10.5	12.2	16.5	31.4	42.4
27.5°	4.3	6.2	6.4	6.4	7.6	9.3	10.9	13.0	18.4	35.7	46.2
25°	4.3	6.2	6.4	6.4	7.8	9.6	11.3	13.8	21.8	39.1	50.1
22.5°	4.3	6.2	6.4	6.4	7.9	9.9	11.6	14.5	25.1	42.2	57.1
20°	4.3	6.3	6.4	6.4	8.1	10.1	12.0	15.1	28.2	45.2	64.7
17.5°	4.3	6.3	6.4	6.4	8.2	10.2	12.3	15.6	31.1	48.2	72.6
15°	4.3	6.3	6.4	6.4	8.3	10.3	12.7	16.3	33.8	51.1	80.7
12.5°	4.3	6.4	6.4	6.4	8.4	10.4	13.1	17.2	37.0	53.8	88.8
10°	4.3	6.4	6.4	6.4	8.5	10.5	13.5	18.1	40.4	58.2	97.9
7.5°	4.3	6.4	6.4	6.4	8.5	10.6	13.9	19.0	43.7	62.7	109.1
5°	4.3	6.4	6.4	6.4	8.6	10.7	14.3	19.9	46.6	67.1	119.9
2.5°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
0°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-2.5°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-5°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-7.5°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-10°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-12.5°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-15°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-17.5°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0
-20°	4.3	6.4	6.4	6.4	8.6	10.7	14.7	20.7	49.2	71.2	130.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.3	6.3	7.1	8.6	11.2	16.6	30.7	62.6	119.7	197.6	289.6
-25°	4.3	6.2	7.2	8.8	11.4	16.8	31.0	62.9	119.3	201.0	288.4
-27.5°	4.3	6.2	7.2	8.9	11.5	16.9	30.6	61.7	116.6	201.1	291.2
-30°	4.3	6.2	7.2	9.0	11.7	16.8	29.4	58.9	113.9	197.5	290.7
-32.5°	4.3	6.2	7.2	9.1	11.8	16.5	27.3	57.0	110.6	190.6	286.5
-35°	4.3	6.1	7.2	9.1	11.9	16.0	26.2	54.5	104.9	180.4	278.6
-37.5°	4.3	6.1	7.2	9.1	11.9	15.5	25.5	50.7	96.9	166.8	260.8
-40°	4.3	6.1	7.2	9.1	11.8	15.5	24.6	45.7	86.6	154.2	238.7
-42.5°	4.3	6.0	7.1	9.1	11.7	15.4	23.3	39.3	77.7	137.9	213.4
-45°	4.3	6.0	7.0	9.0	11.6	15.2	21.7	34.2	68.9	119.0	185.9
-47.5°	4.3	6.0	7.0	8.9	11.4	14.9	19.8	31.9	58.4	98.0	161.8
-50°	4.3	5.9	6.9	8.7	11.2	14.5	19.0	29.2	45.7	83.4	135.0
-52.5°	4.3	5.9	6.8	8.6	11.0	14.0	18.4	26.0	38.9	67.5	106.8
-55°	4.3	5.9	6.7	8.4	10.8	13.6	17.6	22.8	34.6	50.4	87.1
-57.5°	4.3	5.8	6.5	8.2	10.5	13.2	16.7	21.6	30.0	42.2	65.9
-60°	4.3	5.8	6.4	8.0	10.1	12.7	15.8	20.3	25.7	36.5	48.7
-62.5°	4.3	5.8	6.4	7.7	9.8	12.2	15.1	18.9	24.0	30.4	41.7
-65°	4.3	5.7	6.4	7.5	9.4	11.6	14.3	17.6	22.2	27.4	34.3
-67.5°	4.3	5.7	6.4	7.2	8.9	11.0	13.5	16.5	20.2	25.0	30.1
-70°	4.3	5.7	6.4	6.9	8.5	10.4	12.6	15.4	18.8	22.6	27.2
-72.5°	4.3	5.6	6.4	6.8	8.0	9.7	11.6	14.3	17.4	20.7	24.3
-75°	4.3	5.6	6.4	6.8	7.5	9.0	10.7	13.1	15.8	18.8	22.0
-77.5°	4.3	5.6	6.4	6.7	7.3	8.3	9.7	11.8	14.2	16.8	19.6
-80°	4.3	5.5	6.4	6.7	7.1	7.8	8.7	10.5	12.5	14.7	17.0
-82.5°	4.3	5.5	6.4	6.6	7.0	7.5	8.1	9.3	10.8	12.5	14.4
-85°	4.3	5.4	6.4	6.5	6.8	7.1	7.5	8.3	9.3	10.5	11.8
-87.5°	4.3	5.4	6.4	6.5	6.6	6.8	7.0	7.4	7.9	8.4	9.1
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.0	7.5	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	3.8	3.2	2.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	3.8	3.2	2.8	2.4	2.5	2.4	2.3	2.1	2.1	2.1	2.1
82.5°	4.0	3.8	3.7	3.7	3.5	3.2	2.7	2.4	2.5	2.4	2.3
80°	4.2	4.3	4.3	4.3	4.0	3.9	3.8	3.9	3.7	3.4	3.1
77.5°	4.3	4.3	4.3	4.3	4.3	4.5	4.8	5.3	5.3	5.1	4.9
75°	4.3	4.3	4.4	4.4	4.5	5.0	5.7	6.2	6.2	6.0	6.0
72.5°	4.6	4.9	4.9	4.6	5.0	5.7	6.1	6.4	7.7	9.4	10.6
70°	5.5	5.6	5.5	5.6	6.0	6.9	9.1	12.1	15.2	17.3	20.2
67.5°	6.3	6.0	6.1	6.6	8.2	10.6	14.0	21.6	30.0	33.3	34.9
65°	6.4	6.3	6.9	8.3	10.5	16.8	25.1	34.9	45.2	47.5	47.3
62.5°	6.4	6.7	7.8	11.1	17.1	25.0	35.8	46.8	57.6	55.8	49.3
60°	6.6	6.9	10.8	17.1	24.3	34.9	46.7	52.5	56.0	55.6	47.9
57.5°	6.9	9.4	15.9	24.0	34.2	43.3	47.1	50.6	52.6	54.3	45.0
55°	8.6	13.7	21.9	32.6	40.9	42.7	44.9	46.1	47.9	44.5	34.4
52.5°	12.6	18.6	29.4	38.8	42.4	42.0	39.9	40.1	37.1	32.4	27.3
50°	16.2	25.6	35.9	41.7	43.4	40.2	34.6	32.8	29.7	25.9	22.4
47.5°	21.7	32.4	39.7	44.6	43.6	39.1	32.5	28.4	25.2	24.2	20.9
45°	27.7	37.2	44.2	46.3	44.0	38.2	32.8	25.6	27.2	26.9	26.6
42.5°	33.5	41.2	47.1	48.8	44.0	40.2	35.4	33.7	33.5	37.7	40.6
40°	37.3	45.0	50.5	51.0	45.8	44.8	48.0	50.1	48.1	55.4	61.5
37.5°	40.6	48.9	55.8	58.4	51.7	57.0	65.1	87.6	89.7	76.8	98.4
35°	43.7	53.6	66.3	76.3	75.9	76.4	111.0	145.2	161.2	141.1	159.8
32.5°	47.6	58.9	80.8	106.8	128.4	131.8	169.3	238.9	271.6	273.0	270.3
30°	53.3	72.6	103.4	146.3	200.7	253.5	282.0	358.6	411.1	501.1	569.2
27.5°	61.1	90.4	141.5	213.0	298.9	403.5	467.2	511.5	641.1	809.3	990.5
25°	70.1	126.2	185.5	298.6	444.4	577.4	658.7	711.8	938.2	1271.8	1505.2
22.5°	89.5	172.2	249.9	395.9	608.8	758.3	844.1	1015.6	1366.5	1814.4	2090.8
20°	123.1	228.6	325.4	484.5	776.9	943.5	1024.7	1365.2	1906.8	2366.1	2746.8
17.5°	161.9	285.4	400.4	588.4	871.4	1086.0	1224.0	1739.4	2482.3	2894.9	3330.9
15°	204.6	342.1	467.1	680.7	962.5	1170.4	1468.9	2190.4	3008.7	3402.7	3852.5
12.5°	249.7	398.1	526.2	761.6	1052.3	1248.3	1688.2	2512.1	3280.5	3813.9	4397.5
10°	295.8	452.8	578.4	831.5	1138.9	1320.0	1894.1	2780.3	3424.2	3925.9	4606.8
7.5°	324.3	490.5	621.1	890.6	1220.4	1385.6	2082.1	2996.8	3526.1	3992.2	4635.4
5°	345.1	508.6	642.1	930.9	1277.1	1437.7	2235.5	3163.7	3592.5	4018.6	4584.6
2.5°	360.3	522.7	659.8	961.1	1312.1	1473.5	2307.6	3228.0	3636.3	4051.0	4592.2
0°	370.2	532.8	674.0	982.2	1335.2	1504.3	2345.2	3250.3	3663.3	4078.4	4669.0
-2.5°	383.3	547.4	696.5	1003.7	1341.1	1511.1	2350.7	3241.6	3678.8	4144.0	4752.1
-5°	392.0	558.0	714.5	1015.7	1336.9	1512.0	2321.2	3195.2	3656.5	4127.9	4720.1
-7.5°	397.1	564.4	727.4	1016.7	1313.9	1489.2	2220.5	3049.7	3530.9	3973.3	4555.3
-10°	401.3	573.6	739.5	999.5	1269.7	1449.3	2078.4	2876.9	3391.6	3799.1	4345.6
-12.5°	414.8	586.0	748.5	978.6	1224.3	1404.3	1904.6	2682.1	3241.4	3607.7	4119.4
-15°	424.2	596.0	753.9	955.8	1180.4	1354.7	1700.4	2469.8	3126.8	3538.3	3977.1
-17.5°	429.7	604.0	755.8	932.7	1140.3	1300.6	1475.9	2272.8	3035.6	3500.7	3905.8
-20°	431.4	610.5	754.5	910.9	1105.0	1268.4	1426.0	2033.7	2812.6	3440.8	3842.9



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	429.3	615.8	752.6	900.9	1082.2	1253.9	1407.0	1769.4	2518.2	3354.4	3762.3
-25°	428.0	608.5	752.2	886.8	1056.5	1236.4	1387.3	1522.3	2187.1	3022.2	3654.1
-27.5°	425.3	597.2	737.0	864.5	1024.4	1211.8	1364.0	1497.2	1882.0	2644.7	3484.0
-30°	415.8	566.8	716.3	836.6	991.9	1170.3	1337.7	1478.8	1622.7	2259.3	3042.3
-32.5°	394.3	533.6	682.1	809.5	951.5	1122.2	1300.4	1446.5	1592.6	1826.2	2568.8
-35°	371.5	502.2	642.1	775.8	902.6	1066.8	1237.1	1403.2	1548.5	1701.3	2063.7
-37.5°	353.9	467.8	600.5	733.7	859.7	1003.9	1166.9	1334.8	1491.4	1649.2	1827.6
-40°	332.6	430.5	558.9	686.6	812.3	942.5	1092.9	1251.7	1415.8	1597.4	1764.7
-42.5°	307.3	402.7	515.1	638.0	760.0	885.0	1014.8	1165.1	1336.7	1528.8	1705.8
-45°	275.5	371.0	470.3	585.5	703.3	822.4	945.8	1076.0	1248.0	1431.4	1619.6
-47.5°	240.0	334.2	430.0	528.5	641.5	756.4	871.7	1003.2	1148.5	1319.2	1502.2
-50°	203.0	290.2	383.9	474.9	574.7	684.9	796.1	922.9	1059.9	1202.0	1362.2
-52.5°	169.4	242.3	329.7	419.9	509.6	607.4	716.0	834.2	961.1	1096.3	1228.1
-55°	132.7	198.0	270.5	356.5	444.9	532.1	625.5	733.8	850.6	974.2	1097.5
-57.5°	103.1	152.1	214.5	286.3	370.0	456.8	539.7	626.2	728.4	839.2	947.1
-60°	77.3	112.3	159.6	220.4	287.7	367.8	450.5	530.5	611.5	693.3	788.8
-62.5°	53.7	80.8	113.6	155.7	213.4	275.9	348.4	424.6	502.0	572.3	642.0
-65°	45.0	54.2	76.7	107.4	140.0	192.8	250.9	311.7	379.6	440.4	503.0
-67.5°	36.0	44.3	52.5	64.8	92.8	123.3	156.2	207.6	260.5	304.3	349.1
-70°	31.5	35.1	41.8	49.0	56.1	68.5	95.3	123.9	152.4	180.9	217.6
-72.5°	27.7	30.8	34.1	37.7	43.5	49.5	55.5	61.5	77.6	99.3	119.4
-75°	24.3	26.4	29.1	32.0	34.8	37.6	40.6	45.6	50.6	55.5	60.5
-77.5°	21.3	22.9	24.6	26.4	28.5	30.9	33.2	35.4	37.5	39.5	41.6
-80°	18.3	19.3	20.4	21.7	23.1	24.7	26.3	28.0	29.4	30.7	32.0
-82.5°	15.3	16.0	16.8	17.5	18.1	18.8	19.5	20.6	21.5	22.5	23.3
-85°	12.3	12.8	13.3	13.8	14.2	14.7	15.1	15.5	15.9	16.3	16.6
-87.5°	9.6	10.1	10.6	11.0	11.2	11.3	11.4	11.6	11.7	11.8	11.9
-90°	3.8	3.2	2.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.6	9.1	9.7	10.2	10.7	10.7	10.7	10.7	10.7	10.7	10.7
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.8	2.7	2.6	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	4.6	4.3	4.0	3.7	3.4	3.2	2.9	2.6	2.2	2.1	2.1
75°	6.2	6.3	6.4	6.1	5.5	5.0	4.7	4.3	3.9	4.0	4.1
72.5°	11.3	11.3	10.8	10.8	10.1	9.8	9.9	9.7	9.4	9.6	10.0
70°	21.9	22.4	22.0	20.6	18.3	16.6	15.7	14.5	12.9	12.7	13.4
67.5°	34.4	32.9	30.9	28.4	24.6	21.3	19.6	18.0	16.5	16.2	16.6
65°	43.9	37.2	32.6	28.9	25.9	22.8	20.7	18.7	16.7	15.5	15.3
62.5°	42.4	34.8	29.7	26.3	23.5	21.0	18.4	16.0	13.6	12.1	12.1
60°	39.8	31.4	24.9	21.6	19.1	17.2	15.0	13.1	11.6	10.7	10.8
57.5°	33.8	24.8	19.0	17.5	15.7	13.7	12.2	11.5	11.0	10.7	10.7
55°	26.1	20.9	17.4	15.5	13.7	11.9	10.8	11.0	11.0	10.7	11.2
52.5°	21.5	18.5	16.1	14.3	13.4	12.9	12.6	12.7	12.9	13.3	13.6
50°	19.3	17.2	16.1	14.8	14.7	14.8	14.8	15.5	16.1	16.3	16.1
47.5°	19.5	18.6	19.6	17.0	17.5	19.1	19.2	19.3	20.7	21.1	20.9
45°	24.5	29.6	29.7	27.3	25.9	31.6	32.0	29.0	44.4	43.4	32.9
42.5°	43.7	46.6	46.8	49.4	54.8	72.0	103.9	132.6	137.0	120.4	82.6
40°	70.5	68.1	73.5	88.3	130.8	169.6	199.0	286.8	286.1	223.9	225.5
37.5°	114.8	112.3	120.5	165.1	178.9	154.6	217.7	223.9	191.7	228.4	231.7
35°	197.7	224.1	195.4	242.5	244.9	219.0	235.1	262.3	223.6	267.6	286.7
32.5°	360.3	407.0	411.4	407.8	432.1	455.9	442.0	508.2	520.0	564.0	612.4
30°	585.5	675.3	743.9	730.7	771.0	841.8	864.8	966.0	1066.9	1129.5	1282.7
27.5°	1020.3	1065.6	1206.4	1305.4	1282.4	1398.0	1627.3	1698.2	1987.6	2126.1	2325.6
25°	1615.6	1696.1	1896.6	2131.7	2232.4	2426.1	2798.5	2976.8	3356.8	3550.8	4282.2
22.5°	2353.2	2625.8	2877.4	3193.3	3646.6	4031.5	4445.6	5141.8	6272.8	7897.7	9837.6
20°	3195.4	3652.3	4032.6	4616.2	5367.6	6091.7	7163.0	10251.9	13532.5	20375.4	25024.5
17.5°	3992.1	4717.3	5248.8	6023.8	7133.7	8946.2	12636.6	19541.1	30392.3	43648.0	56301.5
15°	4613.8	5355.1	6340.2	7510.0	9205.3	12752.2	19493.1	33140.4	53829.1	74027.9	95280.5
12.5°	5139.2	5923.2	7003.0	8587.6	11123.1	17498.5	29618.8	50176.7	77449.6	107519.3	139290.8
10°	5477.4	6429.4	7722.5	9815.3	14028.8	23086.5	38843.4	66391.3	103050.6	142309.5	177622.8
7.5°	5536.8	6698.5	8336.6	10882.1	16911.8	28915.7	49815.2	82222.0	122371.4	166588.2	211062.5
5°	5560.5	6949.1	8855.5	11720.2	18892.4	33132.3	56135.7	92364.1	136944.6	182355.9	230220.8
2.5°	5624.0	7195.2	9236.3	12306.5	20035.1	35646.7	59788.2	99629.1	146661.2	195972.5	249339.0
0°	5756.0	7452.8	9318.7	12406.4	20274.4	35700.0	61895.2	103792.0	152998.3	202818.7	258482.9
-2.5°	5827.5	7419.8	9249.2	12202.6	19965.7	35705.7	59870.4	100895.7	149693.8	198302.5	254395.9
-5°	5704.7	7088.5	8821.3	11587.5	18615.1	32850.2	55848.0	93417.3	138457.7	182162.3	227269.0
-7.5°	5440.8	6622.3	8213.1	10714.2	16520.6	28424.3	48577.5	79426.9	117673.4	155668.3	190810.2
-10°	5133.6	6128.1	7432.9	9446.3	13560.8	22474.9	38009.4	62282.5	95134.1	127751.2	157407.8
-12.5°	4802.0	5576.5	6542.5	7935.1	10496.5	16970.0	28806.2	47410.3	70126.1	94731.8	121669.3
-15°	4518.6	5089.6	5821.9	7007.8	8961.7	12642.4	19336.3	31716.6	48005.5	67295.1	87152.0
-17.5°	4328.2	4752.7	5390.4	6295.0	7496.1	9682.3	14527.0	21867.1	32347.9	46784.9	59899.3
-20°	4191.5	4590.7	5096.7	5809.1	6815.0	8356.3	10726.9	15785.9	22682.6	32040.1	40941.9



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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°	4093.9	4453.2	4880.8	5454.0	6352.3	7556.8	9070.1	11525.4	15868.7	21386.8	27575.4
-25°	3997.9	4295.9	4767.6	5383.9	6001.3	6863.2	7909.1	9114.6	11428.5	13881.9	17680.6
-27.5°	3888.1	4256.8	4783.8	5359.6	5915.9	6343.6	7086.1	7917.5	9142.7	10328.8	12280.4
-30°	3808.2	4279.6	4804.0	5357.3	5785.9	6164.0	6579.2	7214.7	8007.4	8845.7	9742.9
-32.5°	3410.2	4209.6	4747.7	5243.8	5598.3	5949.6	6317.4	6758.3	7265.1	7796.2	8341.1
-35°	2876.9	3728.1	4563.0	4951.9	5311.2	5665.5	6049.1	6406.2	6763.8	7122.9	7465.1
-37.5°	2223.1	3057.3	3846.0	4525.5	4938.0	5298.8	5707.7	6074.3	6387.9	6657.8	6921.1
-40°	1942.1	2233.4	2996.4	3711.6	4311.9	4883.7	5269.0	5675.1	6024.8	6273.7	6497.4
-42.5°	1864.8	2028.9	2198.0	2746.5	3409.4	3997.0	4519.8	5027.7	5508.4	5854.5	6120.6
-45°	1797.7	1936.5	2081.4	2243.2	2404.7	2920.0	3463.5	4010.6	4576.4	5082.9	5493.0
-47.5°	1673.5	1841.7	1984.3	2118.1	2246.6	2393.2	2544.7	2762.5	3259.1	3765.9	4227.9
-50°	1520.0	1677.6	1836.7	1995.0	2114.0	2226.5	2341.7	2471.7	2616.4	2764.0	2888.5
-52.5°	1352.9	1497.9	1644.7	1784.3	1917.6	2047.1	2173.6	2288.2	2396.0	2500.0	2561.2
-55°	1217.2	1333.2	1448.9	1568.5	1690.1	1808.5	1926.1	2044.6	2158.8	2267.8	2328.7
-57.5°	1058.9	1174.5	1285.2	1376.5	1470.7	1567.1	1667.6	1769.7	1869.8	1963.0	2015.4
-60°	886.9	987.2	1083.2	1171.7	1259.1	1344.4	1426.9	1507.9	1585.7	1653.3	1694.5
-62.5°	714.0	795.7	875.2	950.5	1023.8	1095.8	1172.9	1246.1	1314.8	1370.5	1404.7
-65°	566.6	628.8	684.1	738.3	791.8	853.4	919.0	981.2	1039.5	1084.8	1114.9
-67.5°	401.2	454.8	505.5	553.8	598.2	642.1	688.8	734.4	778.3	812.3	836.4
-70°	252.8	286.6	320.0	355.7	394.6	433.2	471.7	507.1	539.5	563.8	582.2
-72.5°	137.8	154.0	171.1	196.4	220.6	246.5	272.9	297.9	321.2	337.6	349.8
-75°	65.4	72.7	85.8	97.6	107.9	119.3	130.8	141.4	151.0	156.0	158.9
-77.5°	44.8	48.4	51.7	54.6	57.2	60.6	64.3	67.9	71.6	73.9	75.7
-80°	33.4	34.9	36.3	37.8	39.2	40.8	42.3	43.7	45.0	46.1	47.2
-82.5°	24.2	25.0	25.7	26.4	27.0	28.0	29.1	30.1	31.0	31.8	32.6
-85°	16.9	17.4	17.8	18.2	18.5	19.1	19.7	20.3	21.0	21.1	21.2
-87.5°	12.0	12.7	13.3	14.0	14.6	14.7	14.7	14.8	14.9	14.9	14.9
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.1



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	10.7	10.7	11.8	12.8	11.8	10.7	10.7	10.7	10.7	10.7	10.7
87.5°	0.5	0.0	1.0	2.1	1.0	0.0	0.5	1.1	1.6	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	3.2	4.3	3.2	2.1	2.1	2.1	2.1	2.2	2.6
75°	4.2	4.2	4.3	4.3	4.3	4.2	4.2	4.1	4.0	3.9	4.3
72.5°	10.3	10.5	10.7	10.7	10.7	10.5	10.3	10.0	9.6	9.4	9.7
70°	14.1	14.8	15.0	15.0	15.0	14.8	14.1	13.4	12.7	12.9	14.5
67.5°	16.9	17.0	17.1	17.1	17.1	17.0	16.9	16.6	16.2	16.5	18.0
65°	15.2	15.1	14.0	12.8	14.0	15.1	15.2	15.3	15.5	16.7	18.7
62.5°	12.4	12.8	12.8	12.8	12.8	12.8	12.4	12.1	12.1	13.6	16.0
60°	10.9	10.8	10.7	10.7	10.7	10.8	10.9	10.8	10.7	11.6	13.1
57.5°	10.7	10.7	11.5	12.8	11.5	10.7	10.7	10.7	10.7	11.0	11.5
55°	11.8	12.5	12.8	12.8	12.8	12.5	11.8	11.2	10.7	11.0	11.0
52.5°	13.5	13.0	12.8	12.8	12.8	13.0	13.5	13.6	13.3	12.9	12.7
50°	15.6	15.2	15.0	15.0	15.0	15.2	15.6	16.1	16.3	16.1	15.5
47.5°	20.5	19.7	19.2	19.3	19.2	19.7	20.5	20.9	21.1	20.7	19.3
45°	33.7	33.8	33.9	34.2	33.9	33.8	33.7	32.9	43.4	44.4	29.0
42.5°	79.4	68.6	59.3	59.9	59.3	68.6	79.4	82.6	120.4	137.0	132.6
40°	203.3	152.1	101.1	85.6	101.1	152.1	203.3	225.5	223.9	286.1	286.8
37.5°	209.3	213.5	251.2	338.1	251.2	213.5	209.3	231.7	228.4	191.7	223.9
35°	292.5	297.1	286.6	280.3	286.6	297.1	292.5	286.7	267.6	223.6	262.3
32.5°	622.1	649.7	646.2	629.1	646.2	649.7	622.1	612.4	564.0	520.0	508.2
30°	1339.9	1410.0	1402.4	1416.5	1402.4	1410.0	1339.9	1282.7	1129.5	1066.9	966.0
27.5°	2404.7	2491.3	2507.1	2488.6	2507.1	2491.3	2404.7	2325.6	2126.1	1987.6	1698.2
25°	4773.4	4910.3	4860.3	4795.2	4860.3	4910.3	4773.4	4282.2	3550.8	3356.8	2976.8
22.5°	12105.5	12647.5	12591.8	12134.7	12591.8	12647.5	12105.5	9837.6	7897.7	6272.8	5141.8
20°	33258.7	36837.4	38395.0	36284.2	38395.0	36837.4	33258.7	25024.5	20375.4	13532.5	10251.9
17.5°	70396.6	81300.5	89053.4	92288.6	89053.4	81300.5	70396.6	56301.5	43648.0	30392.3	19541.1
15°	115150.8	131564.6	141110.5	139828.0	141110.5	131564.6	115150.8	95280.5	74027.9	53829.1	33140.4
12.5°	165581.3	185035.5	201158.0	201499.6	201158.0	185035.5	165581.3	139290.8	107519.3	77449.6	50176.7
10°	214360.3	241361.0	263366.2	267630.5	263366.2	241361.0	214360.3	177622.8	142309.5	103050.6	66391.3
7.5°	250955.6	292347.4	319970.1	330091.7	319970.1	292347.4	250955.6	211062.5	166588.2	122371.4	82222.0
5°	287120.5	330492.5	358638.4	363631.6	358638.4	330492.5	287120.5	230220.8	182355.9	136944.6	92364.1
2.5°	311513.1	355263.8	379893.8	396977.9	379893.8	355263.8	311513.1	249339.0	195972.5	146661.2	99629.1
0°	325801.4	361449.0	402204.3	421140.2	402204.3	361449.0	325801.4	258482.9	202818.7	152998.3	103792.0
-2.5°	314998.3	355101.0	378434.1	399952.1	378434.1	355101.0	314998.3	254395.9	198302.5	149693.8	100895.7
-5°	279219.4	322833.3	343447.0	346136.8	343447.0	322833.3	279219.4	227269.0	182162.3	138457.7	93417.3
-7.5°	228155.2	268763.0	288554.4	299480.0	288554.4	268763.0	228155.2	190810.2	155668.3	117673.4	79426.9
-10°	184693.8	208391.9	221715.1	222592.5	221715.1	208391.9	184693.8	157407.8	127751.2	95134.1	62282.5
-12.5°	142593.4	158489.2	166369.1	166081.0	166369.1	158489.2	142593.4	121669.3	94731.8	70126.1	47410.3
-15°	104637.5	116986.9	124094.7	127502.9	124094.7	116986.9	104637.5	87152.0	67295.1	48005.5	31716.6
-17.5°	73856.6	83667.2	90789.3	93666.6	90789.3	83667.2	73856.6	59899.3	46784.9	32347.9	21867.1
-20°	50350.4	57074.1	61694.8	63656.2	61694.8	57074.1	50350.4	40941.9	32040.1	22682.6	15785.9



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	33165.2	37672.7	40840.8	40670.7	40840.8	37672.7	33165.2	27575.4	21386.8	15868.7	11525.4
-25°	21142.4	23620.7	25248.0	25379.9	25248.0	23620.7	21142.4	17680.6	13881.9	11428.5	9114.6
-27.5°	13993.4	15082.9	15739.5	15853.6	15739.5	15082.9	13993.4	12280.4	10328.8	9142.7	7917.5
-30°	10591.1	11092.5	11467.8	11452.1	11467.8	11092.5	10591.1	9742.9	8845.7	8007.4	7214.7
-32.5°	8804.7	9051.4	9215.8	9348.7	9215.8	9051.4	8804.7	8341.1	7796.2	7265.1	6758.3
-35°	7699.9	7825.5	7917.2	8000.6	7917.2	7825.5	7699.9	7465.1	7122.9	6763.8	6406.2
-37.5°	7072.6	7159.5	7217.2	7236.7	7217.2	7159.5	7072.6	6921.1	6657.8	6387.9	6074.3
-40°	6582.8	6631.8	6660.9	6678.2	6660.9	6631.8	6582.8	6497.4	6273.7	6024.8	5675.1
-42.5°	6215.3	6282.5	6317.2	6316.6	6317.2	6282.5	6215.3	6120.6	5854.5	5508.4	5027.7
-45°	5728.2	5898.1	6001.2	6044.9	6001.2	5898.1	5728.2	5493.0	5082.9	4576.4	4010.6
-47.5°	4606.5	4929.2	5155.6	5274.6	5155.6	4929.2	4606.5	4227.9	3765.9	3259.1	2762.5
-50°	3000.5	3108.4	3153.7	3134.8	3153.7	3108.4	3000.5	2888.5	2764.0	2616.4	2471.7
-52.5°	2606.5	2645.2	2668.6	2679.0	2668.6	2645.2	2606.5	2561.2	2500.0	2396.0	2288.2
-55°	2380.0	2423.0	2450.7	2465.0	2450.7	2423.0	2380.0	2328.7	2267.8	2158.8	2044.6
-57.5°	2059.1	2093.8	2115.0	2124.8	2115.0	2093.8	2059.1	2015.4	1963.0	1869.8	1769.7
-60°	1729.5	1757.9	1776.7	1786.7	1776.7	1757.9	1729.5	1694.5	1653.3	1585.7	1507.9
-62.5°	1432.4	1453.5	1471.9	1485.0	1471.9	1453.5	1432.4	1404.7	1370.5	1314.8	1246.1
-65°	1139.3	1158.0	1171.4	1179.0	1171.4	1158.0	1139.3	1114.9	1084.8	1039.5	981.2
-67.5°	856.2	871.5	884.1	892.3	884.1	871.5	856.2	836.4	812.3	778.3	734.4
-70°	597.1	608.4	619.3	627.0	619.3	608.4	597.1	582.2	563.8	539.5	507.1
-72.5°	359.5	366.5	369.9	370.2	369.9	366.5	359.5	349.8	337.6	321.2	297.9
-75°	160.4	160.8	164.2	166.9	164.2	160.8	160.4	158.9	156.0	151.0	141.4
-77.5°	77.3	78.6	80.1	81.3	80.1	78.6	77.3	75.7	73.9	71.6	67.9
-80°	48.1	49.0	49.1	49.2	49.1	49.0	48.1	47.2	46.1	45.0	43.7
-82.5°	33.3	34.0	34.2	34.2	34.2	34.0	33.3	32.6	31.8	31.0	30.1
-85°	21.3	21.4	21.4	21.4	21.4	21.4	21.3	21.2	21.1	21.0	20.3
-87.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.9	14.9	14.9	14.8
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.1	1.6	2.1	2.1



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	10.7	10.7	10.7	10.2	9.7	9.1	8.6	8.6	8.6	8.6	8.6
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.4	2.5	2.4
80°	2.1	2.1	2.1	2.4	2.6	2.7	2.8	3.1	3.4	3.7	3.9
77.5°	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.9	5.1	5.3	5.3
75°	4.7	5.0	5.5	6.1	6.4	6.3	6.2	6.0	6.0	6.2	6.2
72.5°	9.9	9.8	10.1	10.8	10.8	11.3	11.3	10.6	9.4	7.7	6.4
70°	15.7	16.6	18.3	20.6	22.0	22.4	21.9	20.2	17.3	15.2	12.1
67.5°	19.6	21.3	24.6	28.4	30.9	32.9	34.4	34.9	33.3	30.0	21.6
65°	20.7	22.8	25.9	28.9	32.6	37.2	43.9	47.3	47.5	45.2	34.9
62.5°	18.4	21.0	23.5	26.3	29.7	34.8	42.4	49.3	55.8	57.6	46.8
60°	15.0	17.2	19.1	21.6	24.9	31.4	39.8	47.9	55.6	56.0	52.5
57.5°	12.2	13.7	15.7	17.5	19.0	24.8	33.8	45.0	54.3	52.6	50.6
55°	10.8	11.9	13.7	15.5	17.4	20.9	26.1	34.4	44.5	47.9	46.1
52.5°	12.6	12.9	13.4	14.3	16.1	18.5	21.5	27.3	32.4	37.1	40.1
50°	14.8	14.8	14.7	14.8	16.1	17.2	19.3	22.4	25.9	29.7	32.8
47.5°	19.2	19.1	17.5	17.0	19.6	18.6	19.5	20.9	24.2	25.2	28.4
45°	32.0	31.6	25.9	27.3	29.7	29.6	24.5	26.6	26.9	27.2	25.6
42.5°	103.9	72.0	54.8	49.4	46.8	46.6	43.7	40.6	37.7	33.5	33.7
40°	199.0	169.6	130.8	88.3	73.5	68.1	70.5	61.5	55.4	48.1	50.1
37.5°	217.7	154.6	178.9	165.1	120.5	112.3	114.8	98.4	76.8	89.7	87.6
35°	235.1	219.0	244.9	242.5	195.4	224.1	197.7	159.8	141.1	161.2	145.2
32.5°	442.0	455.9	432.1	407.8	411.4	407.0	360.3	270.3	273.0	271.6	238.9
30°	864.8	841.8	771.0	730.7	743.9	675.3	585.5	569.2	501.1	411.1	358.6
27.5°	1627.3	1398.0	1282.4	1305.4	1206.4	1065.6	1020.3	990.5	809.3	641.1	511.5
25°	2798.5	2426.1	2232.4	2131.7	1896.6	1696.1	1615.6	1505.2	1271.8	938.2	711.8
22.5°	4445.6	4031.5	3646.6	3193.3	2877.4	2625.8	2353.2	2090.8	1814.4	1366.5	1015.6
20°	7163.0	6091.7	5367.6	4616.2	4032.6	3652.3	3195.4	2746.8	2366.1	1906.8	1365.2
17.5°	12636.6	8946.2	7133.7	6023.8	5248.8	4717.3	3992.1	3330.9	2894.9	2482.3	1739.4
15°	19493.1	12752.2	9205.3	7510.0	6340.2	5355.1	4613.8	3852.5	3402.7	3008.7	2190.4
12.5°	29618.8	17498.5	11123.1	8587.6	7003.0	5923.2	5139.2	4397.5	3813.9	3280.5	2512.1
10°	38843.4	23086.5	14028.8	9815.3	7722.5	6429.4	5477.4	4606.8	3925.9	3424.2	2780.3
7.5°	49815.2	28915.7	16911.8	10882.1	8336.6	6698.5	5536.8	4635.4	3992.2	3526.1	2996.8
5°	56135.7	33132.3	18892.4	11720.2	8855.5	6949.1	5560.5	4584.6	4018.6	3592.5	3163.7
2.5°	59788.2	35646.7	20035.1	12306.5	9236.3	7195.2	5624.0	4592.2	4051.0	3636.3	3228.0
0°	61895.2	35700.0	20274.4	12406.4	9318.7	7452.8	5756.0	4669.0	4078.4	3663.3	3250.3
-2.5°	59870.4	35705.7	19965.7	12202.6	9249.2	7419.8	5827.5	4752.1	4144.0	3678.8	3241.6
-5°	55848.0	32850.2	18615.1	11587.5	8821.3	7088.5	5704.7	4720.1	4127.9	3656.5	3195.2
-7.5°	48577.5	28424.3	16520.6	10714.2	8213.1	6622.3	5440.8	4555.3	3973.3	3530.9	3049.7
-10°	38009.4	22474.9	13560.8	9446.3	7432.9	6128.1	5133.6	4345.6	3799.1	3391.6	2876.9
-12.5°	28806.2	16970.0	10496.5	7935.1	6542.5	5576.5	4802.0	4119.4	3607.7	3241.4	2682.1
-15°	19336.3	12642.4	8961.7	7007.8	5821.9	5089.6	4518.6	3977.1	3538.3	3126.8	2469.8
-17.5°	14527.0	9682.3	7496.1	6295.0	5390.4	4752.7	4328.2	3905.8	3500.7	3035.6	2272.8
-20°	10726.9	8356.3	6815.0	5809.1	5096.7	4590.7	4191.5	3842.9	3440.8	2812.6	2033.7



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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°	9070.1	7556.8	6352.3	5454.0	4880.8	4453.2	4093.9	3762.3	3354.4	2518.2	1769.4
-25°	7909.1	6863.2	6001.3	5383.9	4767.6	4295.9	3997.9	3654.1	3022.2	2187.1	1522.3
-27.5°	7086.1	6343.6	5915.9	5359.6	4783.8	4256.8	3888.1	3484.0	2644.7	1882.0	1497.2
-30°	6579.2	6164.0	5785.9	5357.3	4804.0	4279.6	3808.2	3042.3	2259.3	1622.7	1478.8
-32.5°	6317.4	5949.6	5598.3	5243.8	4747.7	4209.6	3410.2	2568.8	1826.2	1592.6	1446.5
-35°	6049.1	5665.5	5311.2	4951.9	4563.0	3728.1	2876.9	2063.7	1701.3	1548.5	1403.2
-37.5°	5707.7	5298.8	4938.0	4525.5	3846.0	3057.3	2223.1	1827.6	1649.2	1491.4	1334.8
-40°	5269.0	4883.7	4311.9	3711.6	2996.4	2233.4	1942.1	1764.7	1597.4	1415.8	1251.7
-42.5°	4519.8	3997.0	3409.4	2746.5	2198.0	2028.9	1864.8	1705.8	1528.8	1336.7	1165.1
-45°	3463.5	2920.0	2404.7	2243.2	2081.4	1936.5	1797.7	1619.6	1431.4	1248.0	1076.0
-47.5°	2544.7	2393.2	2246.6	2118.1	1984.3	1841.7	1673.5	1502.2	1319.2	1148.5	1003.2
-50°	2341.7	2226.5	2114.0	1995.0	1836.7	1677.6	1520.0	1362.2	1202.0	1059.9	922.9
-52.5°	2173.6	2047.1	1917.6	1784.3	1644.7	1497.9	1352.9	1228.1	1096.3	961.1	834.2
-55°	1926.1	1808.5	1690.1	1568.5	1448.9	1333.2	1217.2	1097.5	974.2	850.6	733.8
-57.5°	1667.6	1567.1	1470.7	1376.5	1285.2	1174.5	1058.9	947.1	839.2	728.4	626.2
-60°	1426.9	1344.4	1259.1	1171.7	1083.2	987.2	886.9	788.8	693.3	611.5	530.5
-62.5°	1172.9	1095.8	1023.8	950.5	875.2	795.7	714.0	642.0	572.3	502.0	424.6
-65°	919.0	853.4	791.8	738.3	684.1	628.8	566.6	503.0	440.4	379.6	311.7
-67.5°	688.8	642.1	598.2	553.8	505.5	454.8	401.2	349.1	304.3	260.5	207.6
-70°	471.7	433.2	394.6	355.7	320.0	286.6	252.8	217.6	180.9	152.4	123.9
-72.5°	272.9	246.5	220.6	196.4	171.1	154.0	137.8	119.4	99.3	77.6	61.5
-75°	130.8	119.3	107.9	97.6	85.8	72.7	65.4	60.5	55.5	50.6	45.6
-77.5°	64.3	60.6	57.2	54.6	51.7	48.4	44.8	41.6	39.5	37.5	35.4
-80°	42.3	40.8	39.2	37.8	36.3	34.9	33.4	32.0	30.7	29.4	28.0
-82.5°	29.1	28.0	27.0	26.4	25.7	25.0	24.2	23.3	22.5	21.5	20.6
-85°	19.7	19.1	18.5	18.2	17.8	17.4	16.9	16.6	16.3	15.9	15.5
-87.5°	14.7	14.7	14.6	14.0	13.3	12.7	12.0	11.9	11.8	11.7	11.6
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1



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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°	8.6	8.6	8.6	8.6	8.1	7.5	7.0	6.4	6.4	6.4	6.4
87.5°	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3	4.3	4.3
85°	2.3	2.4	2.5	2.4	2.8	3.2	3.8	4.3	4.3	4.3	4.3
82.5°	2.7	3.2	3.5	3.7	3.7	3.8	4.0	4.3	4.4	4.3	4.3
80°	3.8	3.9	4.0	4.3	4.3	4.3	4.2	4.3	4.6	4.7	4.6
77.5°	4.8	4.5	4.3	4.3	4.3	4.3	4.3	4.4	4.9	5.1	5.1
75°	5.7	5.0	4.5	4.4	4.4	4.3	4.3	4.5	5.0	5.5	5.6
72.5°	6.1	5.7	5.0	4.6	4.9	4.9	4.6	4.5	5.0	5.5	6.0
70°	9.1	6.9	6.0	5.6	5.5	5.6	5.5	5.2	5.1	5.6	6.1
67.5°	14.0	10.6	8.2	6.6	6.1	6.0	6.3	5.9	5.6	5.7	6.1
65°	25.1	16.8	10.5	8.3	6.9	6.3	6.4	6.5	6.1	5.9	6.2
62.5°	35.8	25.0	17.1	11.1	7.8	6.7	6.4	6.7	6.5	6.2	6.3
60°	46.7	34.9	24.3	17.1	10.8	6.9	6.6	7.0	6.9	6.4	6.4
57.5°	47.1	43.3	34.2	24.0	15.9	9.4	6.9	7.4	7.3	6.8	6.4
55°	44.9	42.7	40.9	32.6	21.9	13.7	8.6	7.8	7.9	7.4	6.5
52.5°	39.9	42.0	42.4	38.8	29.4	18.6	12.6	8.4	8.5	8.0	7.1
50°	34.6	40.2	43.4	41.7	35.9	25.6	16.2	11.3	9.1	8.6	7.7
47.5°	32.5	39.1	43.6	44.6	39.7	32.4	21.7	14.1	9.8	9.3	8.3
45°	32.8	38.2	44.0	46.3	44.2	37.2	27.7	16.7	12.1	10.0	8.9
42.5°	35.4	40.2	44.0	48.8	47.1	41.2	33.5	21.6	14.1	10.6	9.5
40°	48.0	44.8	45.8	51.0	50.5	45.0	37.3	26.6	15.9	11.5	10.0
37.5°	65.1	57.0	51.7	58.4	55.8	48.9	40.6	31.4	18.3	13.0	10.6
35°	111.0	76.4	75.9	76.3	66.3	53.6	43.7	35.3	22.7	14.3	11.1
32.5°	169.3	131.8	128.4	106.8	80.8	58.9	47.6	38.8	27.0	15.5	11.6
30°	282.0	253.5	200.7	146.3	103.4	72.6	53.3	42.4	31.4	16.5	12.2
27.5°	467.2	403.5	298.9	213.0	141.5	90.4	61.1	46.2	35.7	18.4	13.0
25°	658.7	577.4	444.4	298.6	185.5	126.2	70.1	50.1	39.1	21.8	13.8
22.5°	844.1	758.3	608.8	395.9	249.9	172.2	89.5	57.1	42.2	25.1	14.5
20°	1024.7	943.5	776.9	484.5	325.4	228.6	123.1	64.7	45.2	28.2	15.1
17.5°	1224.0	1086.0	871.4	588.4	400.4	285.4	161.9	72.6	48.2	31.1	15.6
15°	1468.9	1170.4	962.5	680.7	467.1	342.1	204.6	80.7	51.1	33.8	16.3
12.5°	1688.2	1248.3	1052.3	761.6	526.2	398.1	249.7	88.8	53.8	37.0	17.2
10°	1894.1	1320.0	1138.9	831.5	578.4	452.8	295.8	97.9	58.2	40.4	18.1
7.5°	2082.1	1385.6	1220.4	890.6	621.1	490.5	324.3	109.1	62.7	43.7	19.0
5°	2235.5	1437.7	1277.1	930.9	642.1	508.6	345.1	119.9	67.1	46.6	19.9
2.5°	2307.6	1473.5	1312.1	961.1	659.8	522.7	360.3	130.0	71.2	49.2	20.7
0°	2345.2	1504.3	1335.2	982.2	674.0	532.8	370.2	139.1	74.9	51.4	21.4
-2.5°	2350.7	1511.1	1341.1	1003.7	696.5	547.4	383.3	163.8	94.1	63.2	28.1
-5°	2321.2	1512.0	1336.9	1015.7	714.5	558.0	392.0	187.0	112.5	74.3	34.5
-7.5°	2220.5	1489.2	1313.9	1016.7	727.4	564.4	397.1	208.3	129.8	84.4	40.5
-10°	2078.4	1449.3	1269.7	999.5	739.5	573.6	401.3	227.5	145.6	93.4	45.9
-12.5°	1904.6	1404.3	1224.3	978.6	748.5	586.0	414.8	246.8	159.7	101.0	50.6
-15°	1700.4	1354.7	1180.4	955.8	753.9	596.0	424.2	263.9	172.5	107.8	54.3
-17.5°	1475.9	1300.6	1140.3	932.7	755.8	604.0	429.7	277.0	183.3	113.8	57.9
-20°	1426.0	1268.4	1105.0	910.9	754.5	610.5	431.4	285.7	191.7	117.8	60.9



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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°	1407.0	1253.9	1082.2	900.9	752.6	615.8	429.3	289.6	197.6	119.7	62.6
-25°	1387.3	1236.4	1056.5	886.8	752.2	608.5	428.0	288.4	201.0	119.3	62.9
-27.5°	1364.0	1211.8	1024.4	864.5	737.0	597.2	425.3	291.2	201.1	116.6	61.7
-30°	1337.7	1170.3	991.9	836.6	716.3	566.8	415.8	290.7	197.5	113.9	58.9
-32.5°	1300.4	1122.2	951.5	809.5	682.1	533.6	394.3	286.5	190.6	110.6	57.0
-35°	1237.1	1066.8	902.6	775.8	642.1	502.2	371.5	278.6	180.4	104.9	54.5
-37.5°	1166.9	1003.9	859.7	733.7	600.5	467.8	353.9	260.8	166.8	96.9	50.7
-40°	1092.9	942.5	812.3	686.6	558.9	430.5	332.6	238.7	154.2	86.6	45.7
-42.5°	1014.8	885.0	760.0	638.0	515.1	402.7	307.3	213.4	137.9	77.7	39.3
-45°	945.8	822.4	703.3	585.5	470.3	371.0	275.5	185.9	119.0	68.9	34.2
-47.5°	871.7	756.4	641.5	528.5	430.0	334.2	240.0	161.8	98.0	58.4	31.9
-50°	796.1	684.9	574.7	474.9	383.9	290.2	203.0	135.0	83.4	45.7	29.2
-52.5°	716.0	607.4	509.6	419.9	329.7	242.3	169.4	106.8	67.5	38.9	26.0
-55°	625.5	532.1	444.9	356.5	270.5	198.0	132.7	87.1	50.4	34.6	22.8
-57.5°	539.7	456.8	370.0	286.3	214.5	152.1	103.1	65.9	42.2	30.0	21.6
-60°	450.5	367.8	287.7	220.4	159.6	112.3	77.3	48.7	36.5	25.7	20.3
-62.5°	348.4	275.9	213.4	155.7	113.6	80.8	53.7	41.7	30.4	24.0	18.9
-65°	250.9	192.8	140.0	107.4	76.7	54.2	45.0	34.3	27.4	22.2	17.6
-67.5°	156.2	123.3	92.8	64.8	52.5	44.3	36.0	30.1	25.0	20.2	16.5
-70°	95.3	68.5	56.1	49.0	41.8	35.1	31.5	27.2	22.6	18.8	15.4
-72.5°	55.5	49.5	43.5	37.7	34.1	30.8	27.7	24.3	20.7	17.4	14.3
-75°	40.6	37.6	34.8	32.0	29.1	26.4	24.3	22.0	18.8	15.8	13.1
-77.5°	33.2	30.9	28.5	26.4	24.6	22.9	21.3	19.6	16.8	14.2	11.8
-80°	26.3	24.7	23.1	21.7	20.4	19.3	18.3	17.0	14.7	12.5	10.5
-82.5°	19.5	18.8	18.1	17.5	16.8	16.0	15.3	14.4	12.5	10.8	9.3
-85°	15.1	14.7	14.2	13.8	13.3	12.8	12.3	11.8	10.5	9.3	8.3
-87.5°	11.4	11.3	11.2	11.0	10.6	10.1	9.6	9.1	8.4	7.9	7.4
-90°	2.1	2.1	2.1	2.1	2.7	3.2	3.8	4.3	4.3	4.3	4.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	6.4	6.4	6.4	6.4	5.3	4.3
87.5°	4.3	4.4	4.5	4.5	4.5	4.4	4.3
85°	4.3	4.5	4.7	4.7	4.7	4.5	4.3
82.5°	4.3	4.7	4.9	4.9	4.8	4.6	4.3
80°	4.4	4.8	5.0	5.1	5.0	4.7	4.3
77.5°	4.9	5.0	5.2	5.3	5.2	4.8	4.3
75°	5.5	5.3	5.4	5.6	5.4	4.8	4.3
72.5°	6.0	5.7	5.6	5.8	5.6	4.9	4.3
70°	6.4	6.0	5.8	6.0	5.7	5.0	4.3
67.5°	6.4	6.3	6.0	6.1	5.9	5.1	4.3
65°	6.4	6.4	6.1	6.1	6.1	5.2	4.3
62.5°	6.4	6.4	6.3	6.2	6.2	5.3	4.3
60°	6.4	6.4	6.4	6.2	6.4	5.3	4.3
57.5°	6.5	6.4	6.4	6.3	6.4	5.4	4.3
55°	6.6	6.4	6.4	6.3	6.4	5.5	4.3
52.5°	6.8	6.4	6.4	6.4	6.4	5.6	4.3
50°	7.0	6.6	6.4	6.4	6.4	5.6	4.3
47.5°	7.3	6.9	6.4	6.4	6.4	5.7	4.3
45°	7.8	7.1	6.4	6.4	6.4	5.8	4.3
42.5°	8.3	7.4	6.4	6.4	6.4	5.8	4.3
40°	8.8	7.6	6.5	6.4	6.4	5.9	4.3
37.5°	9.2	7.9	6.7	6.4	6.4	6.0	4.3
35°	9.7	8.3	7.0	6.4	6.4	6.0	4.3
32.5°	10.1	8.6	7.2	6.4	6.4	6.1	4.3
30°	10.5	9.0	7.4	6.4	6.4	6.1	4.3
27.5°	10.9	9.3	7.6	6.4	6.4	6.2	4.3
25°	11.3	9.6	7.8	6.4	6.4	6.2	4.3
22.5°	11.6	9.9	7.9	6.4	6.4	6.2	4.3
20°	12.0	10.1	8.1	6.4	6.4	6.3	4.3
17.5°	12.3	10.2	8.2	6.4	6.4	6.3	4.3
15°	12.7	10.3	8.3	6.4	6.4	6.3	4.3
12.5°	13.1	10.4	8.4	6.4	6.4	6.4	4.3
10°	13.5	10.5	8.5	6.4	6.4	6.4	4.3
7.5°	13.9	10.6	8.5	6.4	6.4	6.4	4.3
5°	14.3	10.7	8.6	6.4	6.4	6.4	4.3
2.5°	14.7	10.7	8.6	6.4	6.4	6.4	4.3
0°	15.0	10.7	8.6	6.4	6.4	6.4	4.3
-2.5°	17.5	11.6	9.0	6.7	6.5	6.4	4.3
-5°	20.0	12.5	9.3	7.0	6.6	6.4	4.3
-7.5°	22.2	13.4	9.6	7.2	6.7	6.4	4.3
-10°	24.3	14.2	9.9	7.5	6.8	6.4	4.3
-12.5°	26.1	14.9	10.2	7.8	6.9	6.4	4.3
-15°	27.6	15.5	10.5	8.0	6.9	6.3	4.3
-17.5°	28.7	16.0	10.7	8.2	7.0	6.3	4.3
-20°	29.7	16.3	11.0	8.4	7.1	6.3	4.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30.7	16.6	11.2	8.6	7.1	6.3	4.3
-25°	31.0	16.8	11.4	8.8	7.2	6.2	4.3
-27.5°	30.6	16.9	11.5	8.9	7.2	6.2	4.3
-30°	29.4	16.8	11.7	9.0	7.2	6.2	4.3
-32.5°	27.3	16.5	11.8	9.1	7.2	6.2	4.3
-35°	26.2	16.0	11.9	9.1	7.2	6.1	4.3
-37.5°	25.5	15.5	11.9	9.1	7.2	6.1	4.3
-40°	24.6	15.5	11.8	9.1	7.2	6.1	4.3
-42.5°	23.3	15.4	11.7	9.1	7.1	6.0	4.3
-45°	21.7	15.2	11.6	9.0	7.0	6.0	4.3
-47.5°	19.8	14.9	11.4	8.9	7.0	6.0	4.3
-50°	19.0	14.5	11.2	8.7	6.9	5.9	4.3
-52.5°	18.4	14.0	11.0	8.6	6.8	5.9	4.3
-55°	17.6	13.6	10.8	8.4	6.7	5.9	4.3
-57.5°	16.7	13.2	10.5	8.2	6.5	5.8	4.3
-60°	15.8	12.7	10.1	8.0	6.4	5.8	4.3
-62.5°	15.1	12.2	9.8	7.7	6.4	5.8	4.3
-65°	14.3	11.6	9.4	7.5	6.4	5.7	4.3
-67.5°	13.5	11.0	8.9	7.2	6.4	5.7	4.3
-70°	12.6	10.4	8.5	6.9	6.4	5.7	4.3
-72.5°	11.6	9.7	8.0	6.8	6.4	5.6	4.3
-75°	10.7	9.0	7.5	6.8	6.4	5.6	4.3
-77.5°	9.7	8.3	7.3	6.7	6.4	5.6	4.3
-80°	8.7	7.8	7.1	6.7	6.4	5.5	4.3
-82.5°	8.1	7.5	7.0	6.6	6.4	5.5	4.3
-85°	7.5	7.1	6.8	6.5	6.4	5.4	4.3
-87.5°	7.0	6.8	6.6	6.5	6.4	5.4	4.3
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.3

(END OF REPORT)