

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: P1305716 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-80-1S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

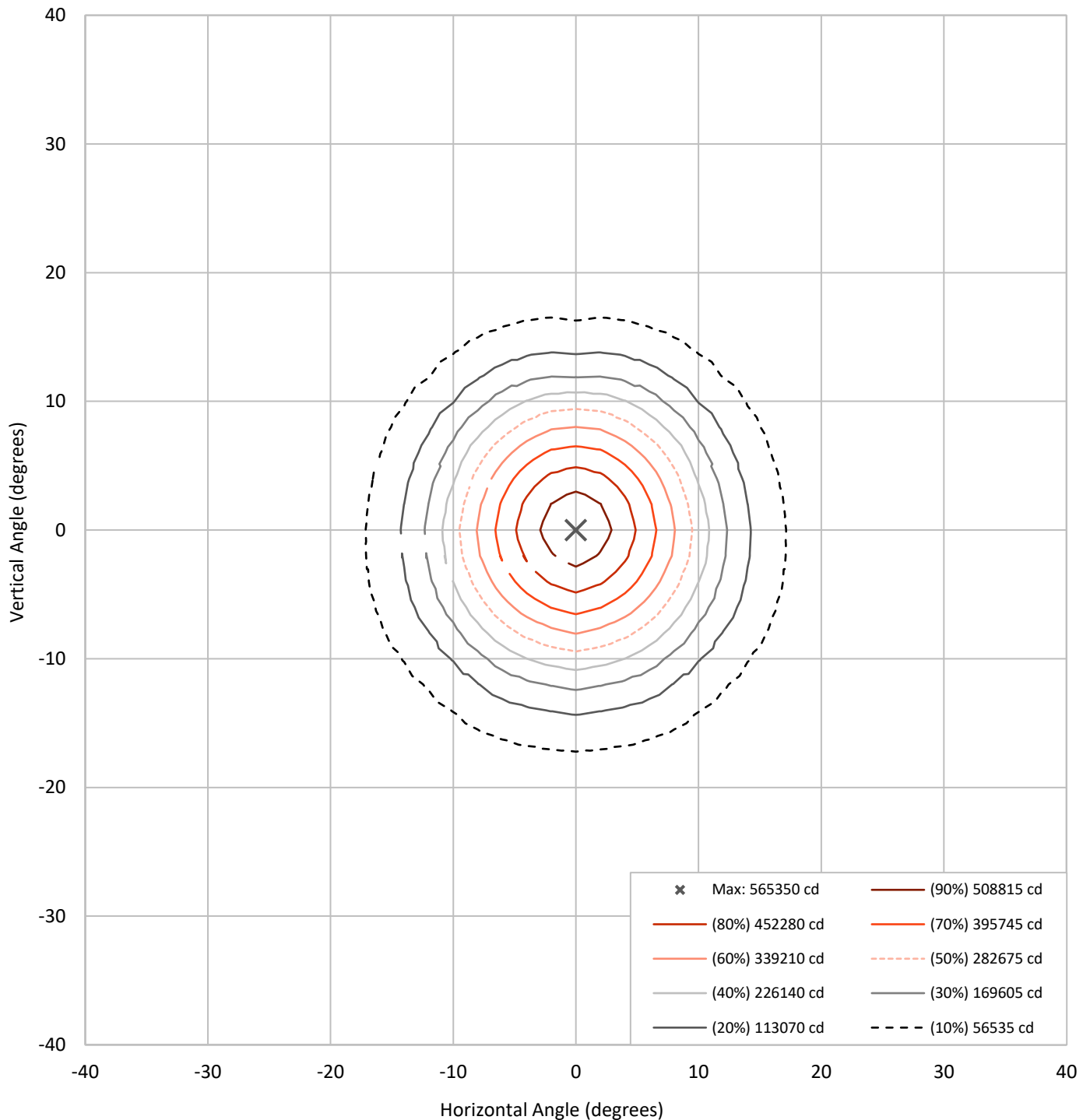
Test Method: LM-79-08  
Report Number: P1305716 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-640L-57-80-1S-VHE-A  
Description: EPHESUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	74518.5 lumens	Max Intensity:	565350 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	33032.8 lumens	Field Lumens:	60164.1 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%
Input Watts (W):	677		
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



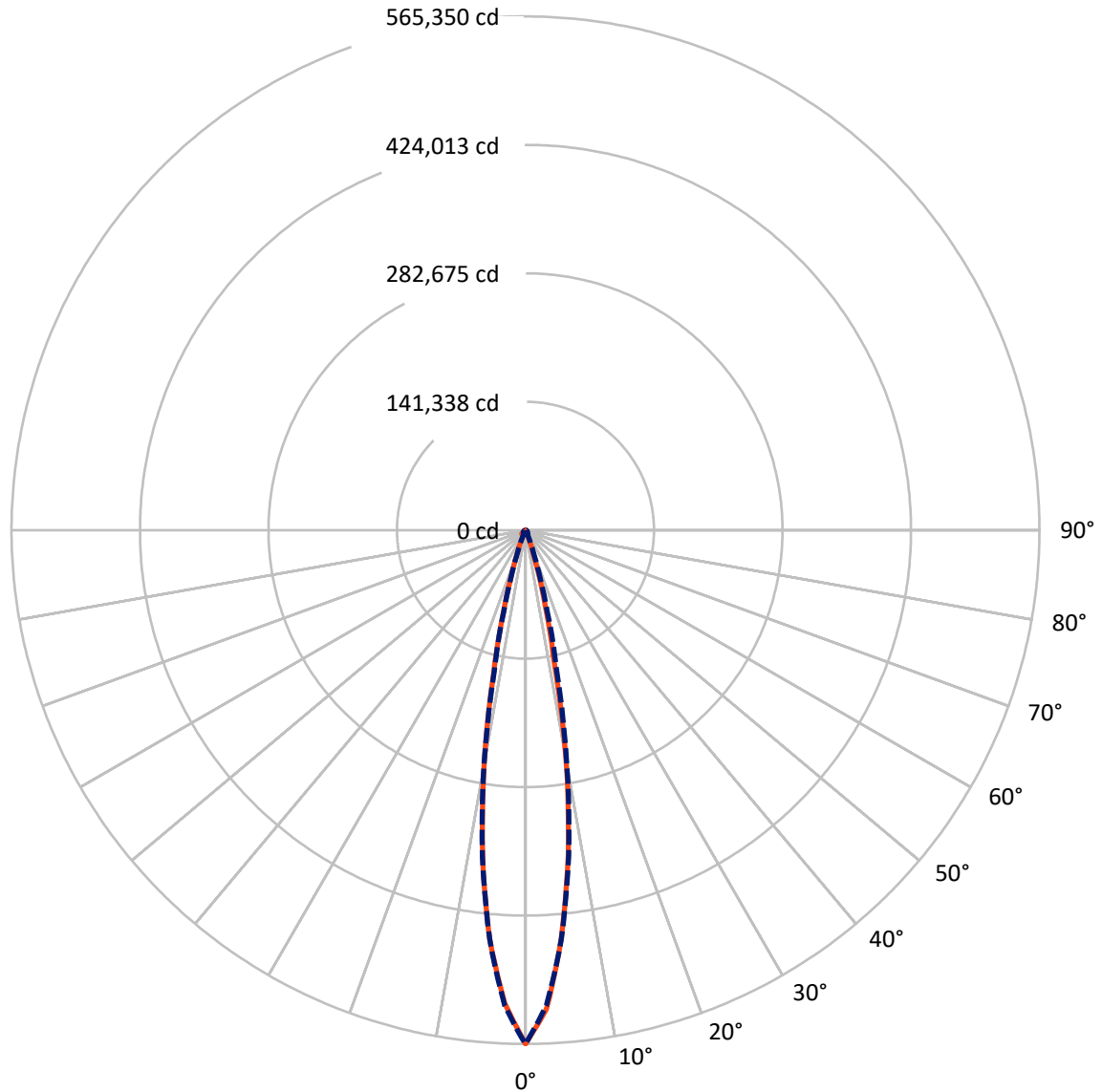
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### Lumen Table

90	0.2	1.0		1.9		2.6		2.8		2.6		1.9		1.0		0.2			
80	0.2	1.0		1.9		2.6		2.8		2.6		1.9		1.0		0.2			
70	0.3	0.2	0.3	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.5	0.3	0.2	0.3			
60		0.5	0.9	1.0	0.8	0.8	1.0	1.1	1.1	1.0	0.8	0.8	1.0	0.9	0.5				
50	1.1	1.3	2.8	5.4	8.4	14.5	22.1	24.4	24.4	22.1	14.5	8.4	5.4	2.8	1.3	1.1			
40		2.9	8.0	14.5	30.5	49.8	55.8	58.6	58.6	55.8	49.8	30.5	14.5	8.0	2.9				
30	2.4	4.8	13.1	26.9	64.1	68.0	82.5	136.6	136.6	82.5	68.0	64.1	26.9	13.1	4.8	2.4			
20		6.5	16.9	48.0	85.0	100.3	624.5	2488.4	2488.4	624.5	100.3	85.0	48.0	16.9	6.5				
10	3.6	8.0	19.8	63.5	94.8	187.1	2523.1	10497.1	10497.1	2523.1	187.1	94.8	63.5	19.8	8.0	3.6			
0		8.9	22.2	67.8	105.4	209.2	2652.5	10446.6	10446.6	2652.5	209.2	105.4	67.8	22.2	8.9				
-10	4.2	9.3	23.7	67.0	116.7	143.9	736.4	2696.2	2696.2	736.4	143.9	116.7	67.0	23.7	9.3	4.2			
-20		8.9	24.0	51.8	118.9	145.6	158.9	246.8	246.8	158.9	145.6	118.9	51.8	24.0	8.9				
-30	4.0	8.0	22.4	41.3	87.1	146.4	164.5	166.4	166.4	164.5	146.4	87.1	41.3	22.4	8.0	4.0			
-40		6.7	18.4	36.2	54.0	81.6	120.9	150.7	150.7	120.9	81.6	54.0	36.2	18.4	6.7				
-50	3.4	5.2	13.4	26.3	42.0	54.7	63.8	69.6	69.6	63.8	54.7	42.0	26.3	13.4	5.2	3.4			
-60		4.1	8.7	16.1	25.4	34.1	41.6	46.5	46.5	41.6	34.1	25.4	16.1	8.7	4.1				
-70	2.3	15.7		37.5		59.0		70.4		59.0		37.5		15.7		2.3			
-80		15.7		37.5		59.0		70.4		59.0		37.5		15.7					
-90	15.7		37.5		59.0		70.4		59.0		37.5		15.7		2.3				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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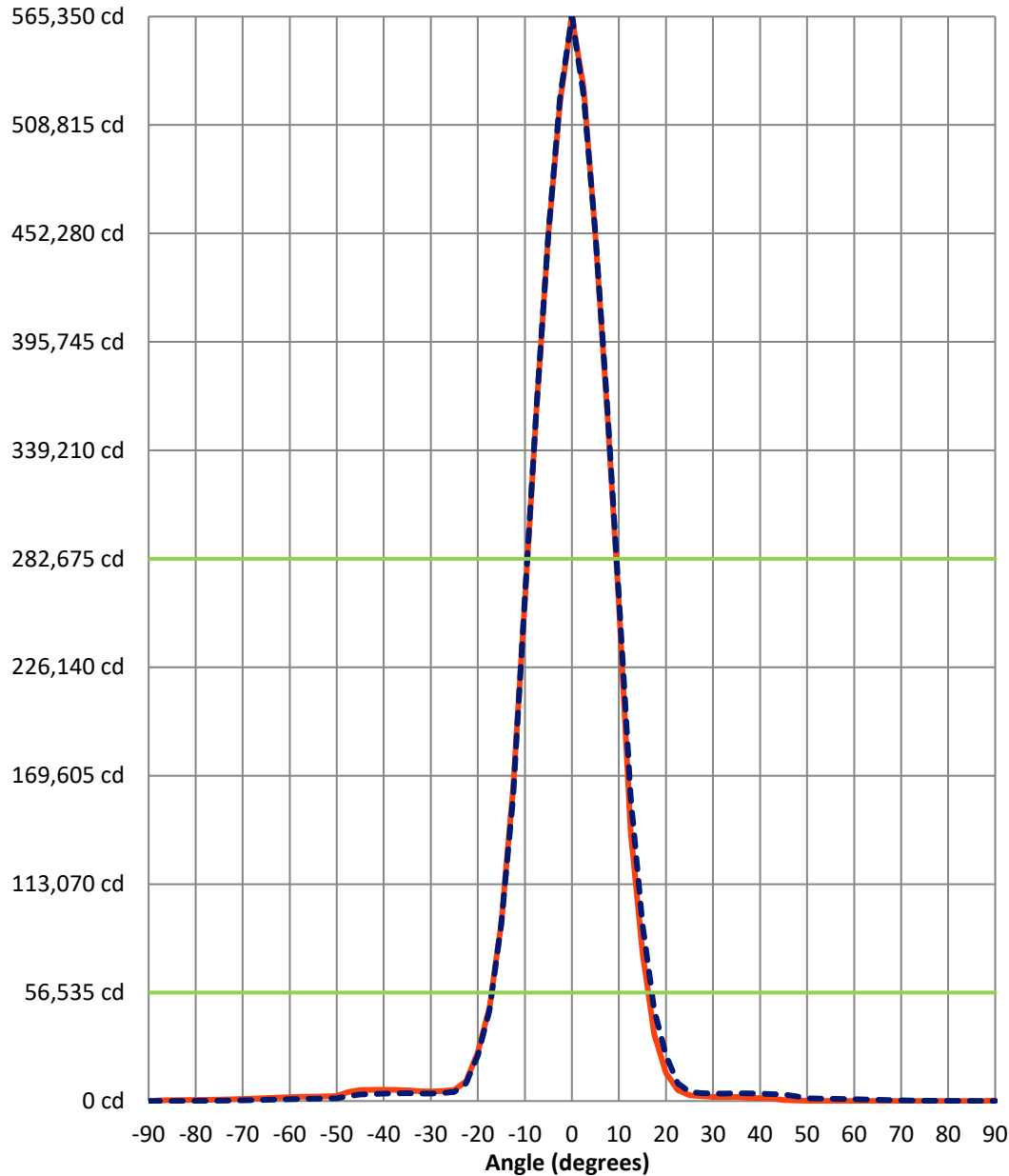
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 19°  
 V Angle: 18.9°  
 Lumens: 33032.8  
 Efficiency: 44.3%

**Field:**  
 H Angle: 34°  
 V Angle: 33.3°  
 Lumens: 60164.1  
 Efficiency: 80.7%

**Spill:**  
 Lumens: 14354.4  
 Efficiency: 19.3%

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

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.1	21.6	35.1	52.6	70.2	87.7	105.3	117.8	130.3	142.7	155.2
87.5°	8.1	7.0	5.6	5.7	5.6	5.5	5.4	5.4	5.4	5.4	5.4
85°	8.1	7.2	5.9	5.9	5.9	5.7	5.4	5.4	5.4	5.4	5.4
82.5°	8.1	7.5	6.1	6.2	6.1	5.9	5.4	5.4	5.4	5.5	5.4
80°	8.1	7.7	6.4	6.5	6.4	6.0	5.5	5.8	5.9	5.8	5.5
77.5°	8.1	8.0	6.7	6.7	6.6	6.5	6.3	6.4	6.4	6.1	5.7
75°	8.1	8.2	7.0	7.0	7.0	7.4	7.1	7.1	7.0	7.0	6.4
72.5°	8.1	8.5	7.3	7.3	8.0	8.4	8.0	8.0	8.3	8.1	7.3
70°	8.1	8.7	7.6	7.7	9.0	9.4	9.0	9.4	9.7	9.3	8.8
67.5°	8.1	9.0	8.0	8.6	10.0	10.4	10.7	10.9	11.1	11.5	10.6
65°	8.1	9.3	8.4	9.5	11.0	11.9	12.6	12.5	13.6	13.8	13.0
62.5°	8.1	9.5	8.8	10.4	12.1	13.9	14.6	14.8	16.3	16.6	16.5
60°	8.1	9.8	9.2	11.3	13.2	16.0	16.7	17.5	19.1	20.5	20.4
57.5°	8.1	10.1	10.1	12.2	15.0	18.1	20.0	20.6	22.9	24.7	26.9
55°	8.1	10.4	11.0	13.2	17.0	20.3	23.6	24.3	27.1	30.0	35.3
52.5°	8.1	10.7	12.0	14.1	18.9	22.8	27.4	29.4	31.6	39.1	44.5
50°	8.1	10.9	13.0	15.0	20.9	26.3	31.5	35.0	37.5	48.7	59.2
47.5°	8.1	11.2	14.0	16.1	23.0	30.0	35.9	41.1	47.0	59.0	75.4
45°	8.1	11.5	15.1	17.7	25.0	33.8	41.6	47.6	58.7	74.9	92.8
42.5°	8.1	11.8	16.2	19.2	27.1	37.7	47.5	56.7	71.0	91.6	118.6
40°	8.1	12.1	17.3	21.3	29.7	41.6	53.7	67.7	85.3	109.2	147.6
37.5°	8.1	12.4	18.5	23.7	32.8	45.7	60.1	79.0	103.1	132.1	178.6
35°	8.1	12.7	19.6	26.1	35.9	50.5	66.7	90.5	121.3	160.7	213.4
32.5°	8.1	13.0	20.8	28.6	39.0	55.7	74.3	102.2	139.8	188.8	249.7
30°	8.1	13.3	22.0	31.1	42.1	61.0	83.7	114.9	158.6	216.3	284.4
27.5°	8.1	13.6	23.2	33.6	46.4	66.3	93.2	130.3	179.2	243.0	317.6
25°	8.1	13.8	24.4	36.2	50.9	71.5	102.5	145.6	201.7	270.6	349.3
22.5°	8.1	14.1	25.6	38.7	55.4	77.1	111.7	160.7	223.3	297.5	384.2
20°	8.1	14.4	26.8	41.2	59.8	83.5	120.7	175.6	244.1	322.9	417.1
17.5°	8.1	14.6	28.0	43.7	64.1	89.7	129.7	190.0	263.9	346.6	448.1
15°	8.1	14.9	29.1	46.2	68.3	95.7	138.5	203.3	282.6	368.7	476.9
12.5°	8.1	15.1	30.2	48.6	72.4	101.4	146.7	214.9	299.5	389.2	503.5
10°	8.1	15.4	31.3	51.0	76.3	106.8	154.4	225.5	315.0	411.5	530.9
7.5°	8.1	15.6	32.3	53.2	80.1	111.9	161.6	235.1	329.4	433.3	562.8
5°	8.1	15.8	33.3	55.4	83.8	116.8	168.1	243.7	342.5	453.9	592.7
2.5°	8.1	16.0	34.2	57.5	87.2	121.3	174.1	251.2	354.2	472.9	620.2
0°	8.1	16.2	35.1	59.4	90.4	125.5	179.5	257.7	364.4	489.9	645.0
-2.5°	8.1	17.0	37.0	62.5	94.4	130.7	185.9	266.5	376.3	503.0	658.9
-5°	8.1	17.8	38.8	65.5	98.2	135.6	191.6	274.2	386.4	513.8	669.6
-7.5°	8.1	18.5	40.6	68.3	101.8	140.1	196.6	280.6	394.5	522.4	677.1
-10°	8.1	19.2	42.2	71.0	105.1	144.2	201.0	285.7	400.6	528.6	681.5
-12.5°	8.1	19.9	43.8	73.4	108.1	147.9	204.6	289.4	404.6	532.8	686.2
-15°	8.1	20.6	45.2	75.7	110.9	151.2	207.6	291.7	406.9	536.6	688.8
-17.5°	8.1	21.2	46.5	77.8	113.4	154.1	209.8	293.4	407.6	537.7	687.7
-20°	8.1	21.8	47.7	79.7	115.7	156.5	211.7	294.3	406.2	536.0	682.8



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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°	8.1	22.4	48.8	81.3	117.6	158.6	213.5	293.5	402.6	531.6	674.0
-25°	8.1	23.0	49.8	82.8	119.4	160.5	214.4	291.1	396.8	524.4	661.3
-27.5°	8.1	23.4	50.6	84.0	120.8	162.1	214.4	286.9	388.7	514.8	650.5
-30°	8.1	23.9	51.2	84.9	122.0	163.2	213.4	281.1	381.1	503.6	636.7
-32.5°	8.1	24.3	51.8	85.7	123.0	163.8	211.6	278.0	373.1	489.8	619.6
-35°	8.1	24.7	52.1	86.2	123.6	163.9	210.9	274.9	363.0	473.4	599.3
-37.5°	8.1	25.0	52.4	86.5	123.9	163.7	210.5	270.7	350.8	454.5	578.3
-40°	8.1	25.3	52.4	86.5	123.8	163.7	209.4	265.3	336.4	436.9	554.3
-42.5°	8.1	25.5	52.4	86.3	123.5	163.2	207.6	258.8	326.1	417.9	526.4
-45°	8.1	25.7	52.2	85.8	122.8	162.3	205.2	253.1	317.2	396.4	495.8
-47.5°	8.1	25.9	51.8	85.1	121.8	160.8	202.1	249.4	306.8	372.6	468.6
-50°	8.1	26.0	51.3	84.2	120.4	159.0	199.5	245.0	294.3	358.1	438.7
-52.5°	8.1	26.0	50.6	83.1	118.7	156.6	196.6	239.7	285.2	341.7	407.4
-55°	8.1	26.0	49.8	81.8	116.7	153.9	193.1	233.9	277.4	323.6	386.5
-57.5°	8.1	26.0	48.8	80.3	114.3	150.7	189.0	228.9	268.8	311.5	363.5
-60°	8.1	25.9	47.7	78.5	111.7	147.1	184.4	222.8	259.7	300.6	342.8
-62.5°	8.1	25.7	47.2	76.5	108.8	143.1	179.2	215.9	251.5	288.8	329.4
-65°	8.1	25.6	46.6	74.3	105.6	138.7	173.6	208.5	242.7	278.0	315.0
-67.5°	8.1	25.3	45.9	71.9	102.1	134.0	167.4	200.4	233.1	266.8	301.4
-70°	8.1	25.1	45.1	69.3	98.4	128.9	160.8	191.8	222.7	254.8	287.6
-72.5°	8.1	24.8	44.1	67.6	94.4	123.4	153.8	182.6	211.5	241.6	272.8
-75°	8.1	24.4	43.1	65.8	90.1	117.7	146.3	172.9	199.9	227.8	256.6
-77.5°	8.1	24.0	41.9	64.0	87.0	111.6	138.5	162.8	187.5	213.2	239.7
-80°	8.1	23.6	40.7	62.0	84.0	106.6	130.3	152.2	174.6	197.7	221.6
-82.5°	8.1	23.1	39.4	59.8	80.8	102.2	124.2	142.4	161.3	181.8	202.9
-85°	8.1	22.7	38.0	57.5	77.4	97.6	118.1	134.4	151.0	168.0	185.4
-87.5°	8.1	22.1	36.6	55.1	73.9	92.8	111.8	126.2	140.8	155.5	170.5
-90°	8.1	6.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4



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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°	167.0	178.8	190.6	202.4	211.2	220.0	228.7	237.5	244.9	252.4	259.8
87.5°	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.0	3.7	3.4	3.0
85°	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.0	3.7	3.4	3.0
82.5°	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.0	3.8	3.6	3.4
80°	5.1	4.8	4.6	4.5	4.5	4.4	4.3	4.1	4.0	4.0	4.1
77.5°	5.5	5.4	5.4	5.3	5.1	4.9	4.8	4.8	4.8	4.6	4.4
75°	6.1	6.1	6.0	5.6	5.3	5.3	5.4	5.4	5.2	4.8	4.5
72.5°	7.0	7.0	6.6	5.9	5.7	5.8	5.7	5.6	5.9	6.7	7.3
70°	8.1	7.9	7.7	7.1	6.4	6.7	7.8	8.9	9.8	11.5	13.8
67.5°	9.5	9.9	9.6	8.9	8.8	10.1	11.4	15.7	20.4	22.9	24.0
65°	12.0	12.2	12.8	13.0	12.1	15.9	20.8	26.5	31.7	32.7	31.9
62.5°	14.8	16.4	17.4	18.5	20.0	23.7	29.4	35.0	40.8	39.1	33.7
60°	20.6	21.4	24.5	27.7	28.8	30.8	37.0	40.1	42.0	40.9	31.8
57.5°	27.6	29.1	34.4	38.0	39.1	36.8	39.1	41.1	40.9	36.0	27.6
55°	37.4	39.4	45.9	50.6	50.4	41.5	41.0	42.9	39.8	35.0	27.2
52.5°	51.6	52.8	59.9	65.0	63.2	54.0	47.5	50.5	50.1	43.8	37.2
50°	67.2	73.2	75.9	83.1	82.6	75.1	62.8	69.0	79.8	77.9	68.5
47.5°	89.3	97.1	97.5	106.1	110.1	116.5	106.0	119.2	135.3	168.2	157.7
45°	115.8	128.7	129.8	137.8	158.2	182.7	192.5	191.8	273.2	302.6	324.1
42.5°	145.1	165.9	174.6	174.0	239.5	276.8	297.9	365.2	427.1	445.8	455.9
40°	182.2	207.2	226.1	268.4	336.2	387.7	440.9	512.8	546.6	549.9	550.0
37.5°	223.0	259.2	289.7	361.8	448.3	505.5	571.5	602.4	625.9	627.2	653.7
35°	266.6	315.3	371.8	452.1	547.4	612.3	650.5	678.5	691.2	720.6	849.7
32.5°	316.6	375.4	449.1	538.5	629.5	695.7	718.5	742.6	773.7	860.8	1239.7
30°	367.0	443.0	522.6	618.8	711.1	757.6	781.7	812.0	860.8	1200.9	1725.8
27.5°	409.8	506.4	593.2	693.5	787.7	819.9	847.8	893.2	1100.8	1577.8	2307.1
25°	450.7	556.8	658.5	767.2	845.2	880.9	915.9	977.4	1382.6	2138.6	2636.4
22.5°	491.7	607.6	717.7	840.2	902.5	939.5	993.4	1223.2	1790.0	2698.8	2932.9
20°	533.8	658.5	776.6	899.1	957.6	996.1	1070.1	1501.6	2287.8	2937.9	3154.7
17.5°	575.1	707.5	831.9	940.7	1001.4	1055.8	1172.9	1781.6	2736.0	3173.8	3324.7
15°	615.1	754.4	882.2	980.8	1044.9	1120.1	1414.6	2154.0	3026.7	3385.5	3528.9
12.5°	653.5	798.8	927.6	1019.4	1088.5	1183.9	1667.5	2522.2	3221.4	3552.2	3689.5
10°	689.8	840.5	968.3	1056.3	1131.5	1246.2	1922.5	2832.9	3382.0	3665.0	3769.6
7.5°	724.0	876.5	1004.8	1091.1	1173.5	1306.3	2169.8	3089.3	3508.8	3760.6	3825.0
5°	754.0	905.9	1038.5	1128.6	1215.6	1359.4	2381.5	3294.5	3607.1	3840.2	3882.1
2.5°	779.7	931.3	1068.9	1164.7	1256.3	1401.8	2483.9	3377.8	3619.5	3875.3	3941.5
0°	<b>801.6</b>	<b>952.7</b>	<b>1095.8</b>	<b>1198.3</b>	<b>1294.1</b>	<b>1438.5</b>	<b>2542.4</b>	<b>3420.9</b>	<b>3604.4</b>	<b>3885.1</b>	<b>4003.8</b>
-2.5°	819.4	981.8	1134.1	1233.7	1330.3	1473.3	2538.1	3454.2	3642.3	3974.4	4243.2
-5°	833.5	1006.4	1167.8	1266.5	1363.4	1503.1	2492.6	3444.7	3694.0	4053.5	4390.7
-7.5°	843.6	1025.5	1196.3	1297.4	1396.0	1537.1	2460.0	3486.0	3844.6	4147.3	4450.5
-10°	850.3	1038.2	1213.6	1326.2	1428.9	1570.7	2389.9	3468.6	3985.4	4241.4	4507.9
-12.5°	858.1	1045.3	1224.8	1351.3	1457.5	1597.1	2266.2	3385.8	4115.7	4342.8	4564.1
-15°	861.3	1047.7	1230.6	1372.4	1481.6	1616.0	2086.6	3232.4	4202.8	4398.0	4600.0
-17.5°	859.8	1045.5	1231.2	1389.3	1500.9	1626.9	1849.5	2948.3	4066.0	4419.7	4633.4
-20°	853.6	1038.5	1226.3	1401.8	1515.5	1640.4	1811.3	2621.7	3692.3	4403.4	4657.3



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	842.4	1027.0	1214.9	1394.8	1531.7	1657.7	1813.1	2283.0	3251.4	4348.6	4659.1
-25°	828.0	1010.8	1197.3	1387.3	1546.0	1669.3	1807.6	1987.2	2814.9	3874.2	4612.6
-27.5°	810.5	988.8	1180.0	1373.0	1557.5	1676.9	1808.9	1973.2	2429.9	3326.2	4435.2
-30°	788.5	964.3	1155.7	1350.7	1541.5	1685.1	1809.3	1940.7	2109.3	2831.8	3787.8
-32.5°	763.7	934.4	1123.8	1317.8	1511.6	1690.5	1798.9	1917.8	2062.8	2322.3	3138.8
-35°	738.6	903.7	1084.8	1277.1	1473.8	1658.2	1789.9	1896.4	2015.3	2173.1	2545.9
-37.5°	714.3	867.8	1039.2	1228.3	1421.4	1600.2	1773.4	1878.6	1987.5	2098.6	2253.7
-40°	685.6	826.8	992.6	1171.6	1353.2	1531.5	1703.3	1860.5	1960.6	2056.8	2157.3
-42.5°	652.8	790.2	942.3	1106.0	1277.4	1450.6	1625.0	1790.3	1930.8	2016.9	2108.6
-45°	617.4	749.0	888.4	1039.2	1194.9	1362.3	1530.4	1698.9	1849.0	1983.3	2065.2
-47.5°	577.6	703.5	836.8	967.2	1112.3	1266.3	1428.4	1586.9	1741.5	1884.2	2023.7
-50°	536.2	654.1	777.0	898.8	1028.3	1169.1	1318.0	1468.2	1616.5	1761.8	1898.9
-52.5°	499.3	600.0	713.4	829.1	946.9	1072.3	1204.7	1340.5	1482.8	1624.0	1751.5
-55°	459.3	551.1	645.8	754.9	866.7	979.6	1090.2	1212.7	1339.6	1472.6	1591.7
-57.5°	427.1	500.6	583.7	676.2	781.0	887.1	984.6	1083.1	1196.0	1314.0	1417.4
-60°	398.5	456.5	524.1	604.3	690.5	786.3	878.1	969.1	1060.2	1150.3	1248.0
-62.5°	370.8	421.3	474.2	535.0	611.2	684.8	765.6	849.8	933.9	1014.6	1092.8
-65°	354.1	389.3	434.4	484.0	533.7	597.9	663.2	727.9	802.1	875.1	946.6
-67.5°	336.0	369.2	402.8	439.4	485.0	527.1	569.0	627.4	685.3	740.0	796.2
-70°	319.1	348.6	379.8	411.5	442.2	473.3	511.6	549.5	586.8	627.0	675.4
-72.5°	301.7	329.0	357.0	385.5	413.2	439.0	464.9	490.8	521.2	554.0	585.9
-75°	283.1	308.7	334.3	360.3	384.3	407.1	430.4	453.9	476.9	499.7	522.7
-77.5°	263.2	286.4	309.9	333.9	355.1	375.3	395.6	416.3	436.5	456.4	476.3
-80°	242.6	263.4	284.4	305.6	323.9	341.8	359.7	377.7	395.5	413.1	430.5
-82.5°	221.1	239.3	257.7	276.4	292.0	307.3	322.6	337.9	352.9	367.9	382.8
-85°	200.2	214.8	230.4	246.3	259.4	272.4	285.4	298.3	310.9	323.3	335.6
-87.5°	183.7	196.9	210.1	223.2	233.5	243.7	253.9	264.1	273.7	283.3	292.9
-90°	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.0	3.7	3.4	3.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	267.2	272.3	277.3	282.4	287.4	291.8	296.2	300.6	305.0	307.7	310.4
87.5°	2.7	2.6	2.6	2.6	2.6	2.3	2.0	1.6	1.3	1.3	1.3
85°	2.7	2.7	2.7	2.7	2.7	2.4	2.0	1.7	1.3	1.3	1.3
82.5°	3.3	3.2	3.1	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.6
80°	4.0	3.7	3.4	3.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	4.1	3.8	3.4	3.1	2.8	2.7	2.7	2.7	2.7	2.7	2.7
75°	4.1	4.0	4.2	4.2	4.0	4.0	4.0	3.9	3.8	3.6	3.3
72.5°	8.0	8.3	8.2	8.5	8.5	8.8	9.1	9.3	9.3	9.4	9.4
70°	15.2	15.7	16.1	15.9	14.9	14.2	13.8	13.4	13.0	13.3	14.1
67.5°	23.1	21.5	20.7	19.5	17.4	15.5	14.5	13.3	12.1	11.5	11.4
65°	28.6	22.6	19.7	17.4	15.7	13.6	11.8	10.1	8.7	7.7	7.4
62.5°	27.2	19.4	15.3	12.9	10.7	8.9	7.3	6.2	5.3	4.9	4.9
60°	23.2	15.2	10.6	8.6	6.4	4.2	3.9	3.7	3.4	3.2	3.4
57.5°	20.7	13.7	8.3	8.1	7.0	5.0	4.4	4.4	3.8	2.7	3.1
55°	23.1	19.5	13.6	13.9	13.6	11.4	9.7	11.6	11.2	8.8	9.6
52.5°	34.7	39.8	32.5	30.1	41.2	40.8	31.9	43.6	50.1	49.0	50.0
50°	81.7	92.3	103.5	94.9	116.4	129.3	126.4	141.7	157.3	157.0	161.9
47.5°	193.7	222.9	226.1	232.0	256.6	287.9	313.4	331.4	340.6	336.8	339.4
45°	346.6	353.2	368.4	401.9	443.9	494.4	532.8	555.2	630.4	683.9	715.1
42.5°	459.5	480.0	517.2	605.6	670.5	819.5	999.7	1069.6	1158.2	1203.1	1205.9
40°	572.6	624.9	778.2	939.4	1289.3	1549.5	1565.1	1675.4	1726.3	1670.2	1661.8
37.5°	759.5	953.6	1217.0	1589.5	1752.3	1823.0	1861.9	1875.9	1886.2	1876.8	1872.0
35°	1127.8	1465.5	1724.1	1845.5	1919.0	1921.4	1930.4	1929.2	1917.1	1910.8	1897.5
32.5°	1671.1	1993.1	2001.0	1991.6	2007.0	1998.2	1981.3	1973.5	1947.4	1931.6	1937.0
30°	2231.2	2233.0	2201.2	2127.4	2090.5	2079.2	2054.7	2034.6	2009.8	2013.6	2099.8
27.5°	2453.4	2426.2	2381.7	2318.0	2194.3	2170.1	2150.4	2142.0	2245.6	2340.2	2424.7
25°	2702.2	2631.5	2607.1	2551.6	2424.3	2283.5	2345.4	2442.8	2578.2	2719.3	2855.3
22.5°	2917.2	2866.2	2850.5	2829.9	2622.2	2561.5	2646.5	2806.7	2991.7	3236.7	3936.2
20°	3129.1	3074.0	3056.0	2952.4	2843.5	2858.5	3016.4	3295.8	3813.2	5672.0	7941.9
17.5°	3307.3	3250.3	3188.7	3067.8	3033.1	3184.6	3500.5	4481.9	6923.7	13025.1	19226.4
15°	3473.2	3398.4	3293.7	3214.4	3280.0	3562.1	4344.4	7688.4	15597.7	25838.9	38751.3
12.5°	3620.8	3506.3	3359.7	3318.5	3518.1	3993.3	7061.4	15086.7	27185.2	41775.1	72088.6
10°	3723.4	3575.0	3447.2	3518.2	3835.4	5110.9	10161.6	22618.4	40517.0	73149.3	110888.7
7.5°	3767.6	3633.2	3558.8	3711.3	4134.9	6563.5	15297.2	31281.4	57225.7	101104.8	161319.0
5°	3817.6	3724.8	3683.3	3902.5	4423.3	7747.1	18990.6	38571.7	75093.6	127360.9	204901.6
2.5°	3918.6	3830.3	3801.4	4070.3	4675.6	8850.6	21876.8	44239.3	86931.3	149270.1	243577.4
0°	4096.9	3913.4	3890.5	4153.6	4777.1	9353.1	23770.6	47657.3	92561.8	158644.6	262606.6
-2.5°	4238.6	4019.9	3976.2	4210.9	4821.7	9106.9	23578.5	47539.6	90264.7	155511.4	250522.1
-5°	4362.2	4142.8	4082.4	4300.5	4919.8	9097.7	22329.4	43620.2	80770.4	136650.5	211129.9
-7.5°	4472.1	4282.5	4193.2	4366.6	4932.7	8147.3	18060.8	35913.1	64561.8	106689.1	163412.2
-10°	4588.0	4442.4	4320.7	4436.8	4877.9	6482.4	12082.6	25887.6	45978.3	77369.7	116292.2
-12.5°	4720.5	4647.1	4468.3	4485.2	4803.7	5470.2	8930.2	18073.4	31921.0	48738.0	76951.4
-15°	4832.9	4829.6	4680.0	4632.4	4790.6	5218.0	6230.4	10036.7	19363.2	31329.7	45286.4
-17.5°	4856.4	4976.0	4918.7	4773.2	4782.5	5022.1	5439.4	6651.2	9726.3	17238.4	25542.5
-20°	4871.5	5127.0	5132.9	5014.9	4911.4	4884.6	5075.4	5428.9	6116.0	8654.5	11996.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4894.5	5137.4	5310.1	5277.5	5074.3	4955.5	4912.8	5046.7	5279.2	5606.8	6690.9
-25°	4905.5	5132.1	5379.4	5447.2	5362.0	5144.6	4981.9	4891.1	4973.3	5077.3	5289.4
-27.5°	4858.7	5124.0	5363.7	5564.7	5589.2	5447.0	5207.9	5014.0	4938.5	4867.1	4954.5
-30°	4781.0	5077.3	5328.0	5575.2	5674.1	5628.7	5503.5	5346.1	5162.3	5019.4	4969.2
-32.5°	4144.4	5007.4	5264.2	5478.5	5641.6	5688.2	5689.6	5605.3	5526.7	5416.5	5287.4
-35°	3414.5	4371.8	5207.3	5315.2	5464.8	5619.2	5733.9	5737.8	5728.6	5676.3	5622.0
-37.5°	2654.3	3546.4	4349.9	4993.1	5219.3	5401.1	5597.5	5730.2	5813.6	5798.6	5788.5
-40°	2310.9	2592.0	3343.8	3999.5	4549.6	5067.1	5279.8	5518.3	5710.1	5776.9	5821.9
-42.5°	2204.8	2325.1	2447.5	2944.3	3511.1	4009.5	4478.2	4925.2	5324.4	5550.5	5708.0
-45°	2146.7	2213.6	2288.5	2399.1	2494.8	2907.6	3327.6	3735.5	4233.5	4691.9	5089.4
-47.5°	2092.9	2145.2	2203.2	2260.1	2313.2	2388.2	2453.1	2568.9	2941.9	3318.0	3695.4
-50°	2006.2	2092.7	2140.7	2183.3	2220.8	2255.6	2285.7	2338.0	2399.9	2453.9	2508.5
-52.5°	1861.3	1958.7	2051.1	2121.1	2150.6	2179.5	2209.1	2248.8	2285.4	2318.9	2344.7
-55°	1698.9	1797.5	1890.6	1961.6	2025.3	2084.0	2136.2	2171.4	2205.6	2238.6	2263.7
-57.5°	1520.2	1620.8	1711.9	1780.0	1843.7	1902.8	1960.3	2015.6	2066.2	2111.8	2150.6
-60°	1339.4	1424.2	1506.6	1578.5	1644.2	1703.4	1760.3	1814.7	1864.5	1909.3	1948.2
-62.5°	1169.5	1248.1	1313.2	1372.1	1428.7	1483.3	1540.9	1593.8	1641.9	1685.9	1726.3
-65°	1016.3	1084.1	1133.4	1179.5	1223.1	1270.0	1320.6	1367.3	1409.8	1449.3	1485.7
-67.5°	858.8	917.4	960.8	1000.7	1037.8	1075.3	1115.7	1153.4	1188.2	1221.4	1252.6
-70°	722.1	763.0	793.2	823.8	856.8	890.5	925.3	957.1	985.7	1012.9	1037.9
-72.5°	616.9	642.0	663.2	689.4	712.9	738.1	764.0	787.9	809.8	831.1	851.1
-75°	545.7	564.2	581.5	597.7	612.7	630.7	649.4	667.0	683.6	699.1	713.8
-77.5°	496.2	510.5	522.4	533.7	544.4	558.4	573.0	587.2	601.0	612.7	623.6
-80°	447.8	459.4	469.5	479.3	488.7	500.7	513.0	524.9	536.5	547.1	557.3
-82.5°	397.7	407.1	415.7	424.0	432.1	442.3	452.4	462.3	471.8	480.6	489.0
-85°	347.9	355.0	361.8	368.3	374.6	382.9	391.2	399.2	407.1	412.8	418.3
-87.5°	302.5	307.8	312.9	318.0	322.9	328.9	334.9	340.8	346.7	350.5	354.3
-90°	2.7	2.4	2.0	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3



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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°	313.1	315.8	315.1	314.4	315.1	315.8	313.1	310.4	307.7	305.0	300.6
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	3.0	2.7	2.7	2.7	2.7	2.7	3.0	3.3	3.6	3.8	3.9
72.5°	9.4	9.2	9.4	9.4	9.4	9.2	9.4	9.4	9.4	9.3	9.3
70°	15.0	15.9	16.1	16.2	16.1	15.9	15.0	14.1	13.3	13.0	13.4
67.5°	11.2	11.0	10.2	9.4	10.2	11.0	11.2	11.4	11.5	12.1	13.3
65°	7.1	6.9	6.7	6.7	6.7	6.9	7.1	7.4	7.7	8.7	10.1
62.5°	5.1	5.4	5.4	5.4	5.4	5.4	5.1	4.9	4.9	5.3	6.2
60°	3.7	4.0	4.0	4.0	4.0	4.0	3.7	3.4	3.2	3.4	3.7
57.5°	3.5	3.9	4.0	4.0	4.0	3.9	3.5	3.1	2.7	3.8	4.4
55°	10.3	10.5	10.2	9.4	10.2	10.5	10.3	9.6	8.8	11.2	11.6
52.5°	49.2	45.4	39.5	32.4	39.5	45.4	49.2	50.0	49.0	50.1	43.6
50°	171.3	175.8	171.8	159.2	171.8	175.8	171.3	161.9	157.0	157.3	141.7
47.5°	352.7	356.6	344.3	315.8	344.3	356.6	352.7	339.4	336.8	340.6	331.4
45°	738.4	732.7	669.2	537.1	669.2	732.7	738.4	715.1	683.9	630.4	555.2
42.5°	1273.5	1330.2	1363.7	1364.3	1363.7	1330.2	1273.5	1205.9	1203.1	1158.2	1069.6
40°	1648.3	1581.8	1509.2	1497.9	1509.2	1581.8	1648.3	1661.8	1670.2	1726.3	1675.4
37.5°	1860.6	1874.6	1866.6	1709.8	1866.6	1874.6	1860.6	1872.0	1876.8	1886.2	1875.9
35°	1928.3	2033.7	2142.2	2164.5	2142.2	2033.7	1928.3	1897.5	1910.8	1917.1	1929.2
32.5°	1961.0	1997.1	2006.9	2010.7	2006.9	1997.1	1961.0	1937.0	1931.6	1947.4	1973.5
30°	2139.5	2163.1	2159.7	2155.1	2159.7	2163.1	2139.5	2099.8	2013.6	2009.8	2034.6
27.5°	2464.5	2503.5	2521.0	2532.9	2521.0	2503.5	2464.5	2424.7	2340.2	2245.6	2142.0
25°	2929.7	2989.4	3030.5	3048.4	3030.5	2989.4	2929.7	2855.3	2719.3	2578.2	2442.8
22.5°	4744.1	5158.1	5567.8	5779.7	5567.8	5158.1	4744.1	3936.2	3236.7	2991.7	2806.7
20°	11843.4	13632.1	14449.0	14687.5	14449.0	13632.1	11843.4	7941.9	5672.0	3813.2	3295.8
17.5°	27580.6	34361.1	38896.3	34922.5	38896.3	34361.1	27580.6	19226.4	13025.1	6923.7	4481.9
15°	56451.2	73623.7	83233.0	77825.7	83233.0	73623.7	56451.2	38751.3	25838.9	15597.7	7688.4
12.5°	101708.9	128509.2	146509.2	140573.4	146509.2	128509.2	101708.9	72088.6	41775.1	27185.2	15086.7
10°	160087.6	213978.8	249862.8	258733.6	249862.8	213978.8	160087.6	110888.7	73149.3	40517.0	22618.4
7.5°	232317.7	299042.3	351711.4	359863.1	351711.4	299042.3	232317.7	161319.0	101104.8	57225.7	31281.4
5°	302980.1	381739.9	436540.9	450767.8	436540.9	381739.9	302980.1	204901.6	127360.9	75093.6	38571.7
2.5°	346838.3	432562.0	498572.8	527648.9	498572.8	432562.0	346838.3	243577.4	149270.1	86931.3	44239.3
0°	362492.6	452020.1	523641.7	565350.0	523641.7	452020.1	362492.6	262606.6	158644.6	92561.8	47657.3
-2.5°	350355.5	431431.1	491892.5	520886.8	491892.5	431431.1	350355.5	250522.1	155511.4	90264.7	47539.6
-5°	298404.0	378958.4	428150.9	451769.1	428150.9	378958.4	298404.0	211129.9	136650.5	80770.4	43620.2
-7.5°	233176.2	297650.1	340128.9	361616.1	340128.9	297650.1	233176.2	163412.2	106689.1	64561.8	35913.1
-10°	163153.3	214304.9	242939.1	260471.7	242939.1	214304.9	163153.3	116292.2	77369.7	45978.3	25887.6
-12.5°	106155.5	135928.8	151965.9	163199.0	151965.9	135928.8	106155.5	76951.4	48738.0	31921.0	18073.4
-15°	64442.7	78953.0	87659.8	93117.8	87659.8	78953.0	64442.7	45286.4	31329.7	19363.2	10036.7
-17.5°	35968.1	42200.5	46613.5	49055.4	46613.5	42200.5	35968.1	25542.5	17238.4	9726.3	6651.2
-20°	17847.5	21790.1	24379.7	25466.9	24379.7	21790.1	17847.5	11996.0	8654.5	6116.0	5428.9



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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°	8236.7	9289.9	9987.1	10319.3	9987.1	9289.9	8236.7	6690.9	5606.8	5279.2	5046.7
-25°	5495.5	5660.8	5782.2	5835.0	5782.2	5660.8	5495.5	5289.4	5077.3	4973.3	4891.1
-27.5°	5033.6	5121.1	5193.7	5222.4	5193.7	5121.1	5033.6	4954.5	4867.1	4938.5	5014.0
-30°	4930.7	4934.5	4955.1	4955.2	4955.1	4934.5	4930.7	4969.2	5019.4	5162.3	5346.1
-32.5°	5189.8	5132.9	5108.1	5134.7	5108.1	5132.9	5189.8	5287.4	5416.5	5526.7	5605.3
-35°	5585.7	5570.4	5571.6	5600.2	5571.6	5570.4	5585.7	5622.0	5676.3	5728.6	5737.8
-37.5°	5791.1	5803.2	5816.8	5820.2	5816.8	5803.2	5791.1	5788.5	5798.6	5813.6	5730.2
-40°	5848.1	5871.7	5889.5	5895.8	5889.5	5871.7	5848.1	5821.9	5776.9	5710.1	5518.3
-42.5°	5777.4	5824.4	5849.3	5855.3	5849.3	5824.4	5777.4	5708.0	5550.5	5324.4	4925.2
-45°	5378.0	5587.5	5705.9	5737.9	5705.9	5587.5	5378.0	5089.4	4691.9	4233.5	3735.5
-47.5°	4062.5	4391.2	4620.0	4725.8	4620.0	4391.2	4062.5	3695.4	3318.0	2941.9	2568.9
-50°	2565.7	2619.8	2660.3	2685.4	2660.3	2619.8	2565.7	2508.5	2453.9	2399.9	2338.0
-52.5°	2367.0	2386.9	2398.5	2403.4	2398.5	2386.9	2367.0	2344.7	2318.9	2285.4	2248.8
-55°	2285.2	2303.6	2311.7	2313.0	2311.7	2303.6	2285.2	2263.7	2238.6	2205.6	2171.4
-57.5°	2184.1	2212.2	2224.6	2226.6	2224.6	2212.2	2184.1	2150.6	2111.8	2066.2	2015.6
-60°	1981.2	2008.3	2021.7	2026.9	2021.7	2008.3	1981.2	1948.2	1909.3	1864.5	1814.7
-62.5°	1761.3	1790.8	1799.8	1798.8	1799.8	1790.8	1761.3	1726.3	1685.9	1641.9	1593.8
-65°	1517.6	1544.7	1552.4	1551.9	1552.4	1544.7	1517.6	1485.7	1449.3	1409.8	1367.3
-67.5°	1280.2	1304.1	1312.3	1314.4	1312.3	1304.1	1280.2	1252.6	1221.4	1188.2	1153.4
-70°	1059.9	1078.8	1083.5	1083.6	1083.5	1078.8	1059.9	1037.9	1012.9	985.7	957.1
-72.5°	869.3	885.5	888.3	887.9	888.3	885.5	869.3	851.1	831.1	809.8	787.9
-75°	727.6	740.5	741.0	739.5	741.0	740.5	727.6	713.8	699.1	683.6	667.0
-77.5°	633.8	643.3	645.3	646.4	645.3	643.3	633.8	623.6	612.7	601.0	587.2
-80°	567.0	576.3	576.0	574.9	576.0	576.3	567.0	557.3	547.1	536.5	524.9
-82.5°	497.2	505.0	505.1	504.7	505.1	505.0	497.2	489.0	480.6	471.8	462.3
-85°	423.5	428.6	428.3	427.8	428.3	428.6	423.5	418.3	412.8	407.1	399.2
-87.5°	357.9	361.5	361.7	361.7	361.7	361.5	357.9	354.3	350.5	346.7	340.8
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	296.2	291.8	287.4	282.4	277.3	272.3	267.2	259.8	252.4	244.9	237.5
87.5°	2.0	2.3	2.6	2.6	2.6	2.6	2.7	3.0	3.4	3.7	4.0
85°	2.0	2.4	2.7	2.7	2.7	2.7	2.7	3.0	3.4	3.7	4.0
82.5°	2.6	2.6	2.7	2.9	3.1	3.2	3.3	3.4	3.6	3.8	4.0
80°	2.7	2.7	2.7	3.1	3.4	3.7	4.0	4.1	4.0	4.0	4.1
77.5°	2.7	2.7	2.8	3.1	3.4	3.8	4.1	4.4	4.6	4.8	4.8
75°	4.0	4.0	4.0	4.2	4.2	4.0	4.1	4.5	4.8	5.2	5.4
72.5°	9.1	8.8	8.5	8.5	8.2	8.3	8.0	7.3	6.7	5.9	5.6
70°	13.8	14.2	14.9	15.9	16.1	15.7	15.2	13.8	11.5	9.8	8.9
67.5°	14.5	15.5	17.4	19.5	20.7	21.5	23.1	24.0	22.9	20.4	15.7
65°	11.8	13.6	15.7	17.4	19.7	22.6	28.6	31.9	32.7	31.7	26.5
62.5°	7.3	8.9	10.7	12.9	15.3	19.4	27.2	33.7	39.1	40.8	35.0
60°	3.9	4.2	6.4	8.6	10.6	15.2	23.2	31.8	40.9	42.0	40.1
57.5°	4.4	5.0	7.0	8.1	8.3	13.7	20.7	27.6	36.0	40.9	41.1
55°	9.7	11.4	13.6	13.9	13.6	19.5	23.1	27.2	35.0	39.8	42.9
52.5°	31.9	40.8	41.2	30.1	32.5	39.8	34.7	37.2	43.8	50.1	50.5
50°	126.4	129.3	116.4	94.9	103.5	92.3	81.7	68.5	77.9	79.8	69.0
47.5°	313.4	287.9	256.6	232.0	226.1	222.9	193.7	157.7	168.2	135.3	119.2
45°	532.8	494.4	443.9	401.9	368.4	353.2	346.6	324.1	302.6	273.2	191.8
42.5°	999.7	819.5	670.5	605.6	517.2	480.0	459.5	455.9	445.8	427.1	365.2
40°	1565.1	1549.5	1289.3	939.4	778.2	624.9	572.6	550.0	549.9	546.6	512.8
37.5°	1861.9	1823.0	1752.3	1589.5	1217.0	953.6	759.5	653.7	627.2	625.9	602.4
35°	1930.4	1921.4	1919.0	1845.5	1724.1	1465.5	1127.8	849.7	720.6	691.2	678.5
32.5°	1981.3	1998.2	2007.0	1991.6	2001.0	1993.1	1671.1	1239.7	860.8	773.7	742.6
30°	2054.7	2079.2	2090.5	2127.4	2201.2	2233.0	2231.2	1725.8	1200.9	860.8	812.0
27.5°	2150.4	2170.1	2194.3	2318.0	2381.7	2426.2	2453.4	2307.1	1577.8	1100.8	893.2
25°	2345.4	2283.5	2424.3	2551.6	2607.1	2631.5	2702.2	2636.4	2138.6	1382.6	977.4
22.5°	2646.5	2561.5	2622.2	2829.9	2850.5	2866.2	2917.2	2932.9	2698.8	1790.0	1223.2
20°	3016.4	2858.5	2843.5	2952.4	3056.0	3074.0	3129.1	3154.7	2937.9	2287.8	1501.6
17.5°	3500.5	3184.6	3033.1	3067.8	3188.7	3250.3	3307.3	3324.7	3173.8	2736.0	1781.6
15°	4344.4	3562.1	3280.0	3214.4	3293.7	3398.4	3473.2	3528.9	3385.5	3026.7	2154.0
12.5°	7061.4	3993.3	3518.1	3318.5	3359.7	3506.3	3620.8	3689.5	3552.2	3221.4	2522.2
10°	10161.6	5110.9	3835.4	3518.2	3447.2	3575.0	3723.4	3769.6	3665.0	3382.0	2832.9
7.5°	15297.2	6563.5	4134.9	3711.3	3558.8	3633.2	3767.6	3825.0	3760.6	3508.8	3089.3
5°	18990.6	7747.1	4423.3	3902.5	3683.3	3724.8	3817.6	3882.1	3840.2	3607.1	3294.5
2.5°	21876.8	8850.6	4675.6	4070.3	3801.4	3830.3	3918.6	3941.5	3875.3	3619.5	3377.8
0°	<b>23770.6</b>	<b>9353.1</b>	<b>4777.1</b>	<b>4153.6</b>	<b>3890.5</b>	<b>3913.4</b>	<b>4096.9</b>	<b>4003.8</b>	<b>3885.1</b>	<b>3604.4</b>	<b>3420.9</b>
-2.5°	23578.5	9106.9	4821.7	4210.9	3976.2	4019.9	4238.6	4243.2	3974.4	3642.3	3454.2
-5°	22329.4	9097.7	4919.8	4300.5	4082.4	4142.8	4362.2	4390.7	4053.5	3694.0	3444.7
-7.5°	18060.8	8147.3	4932.7	4366.6	4193.2	4282.5	4472.1	4450.5	4147.3	3844.6	3486.0
-10°	12082.6	6482.4	4877.9	4436.8	4320.7	4442.4	4588.0	4507.9	4241.4	3985.4	3468.6
-12.5°	8930.2	5470.2	4803.7	4485.2	4468.3	4647.1	4720.5	4564.1	4342.8	4115.7	3385.8
-15°	6230.4	5218.0	4790.6	4632.4	4680.0	4829.6	4832.9	4600.0	4398.0	4202.8	3232.4
-17.5°	5439.4	5022.1	4782.5	4773.2	4918.7	4976.0	4856.4	4633.4	4419.7	4066.0	2948.3
-20°	5075.4	4884.6	4911.4	5014.9	5132.9	5127.0	4871.5	4657.3	4403.4	3692.3	2621.7



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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°	4912.8	4955.5	5074.3	5277.5	5310.1	5137.4	4894.5	4659.1	4348.6	3251.4	2283.0
-25°	4981.9	5144.6	5362.0	5447.2	5379.4	5132.1	4905.5	4612.6	3874.2	2814.9	1987.2
-27.5°	5207.9	5447.0	5589.2	5564.7	5363.7	5124.0	4858.7	4435.2	3326.2	2429.9	1973.2
-30°	5503.5	5628.7	5674.1	5575.2	5328.0	5077.3	4781.0	3787.8	2831.8	2109.3	1940.7
-32.5°	5689.6	5688.2	5641.6	5478.5	5264.2	5007.4	4144.4	3138.8	2322.3	2062.8	1917.8
-35°	5733.9	5619.2	5464.8	5315.2	5207.3	4371.8	3414.5	2545.9	2173.1	2015.3	1896.4
-37.5°	5597.5	5401.1	5219.3	4993.1	4349.9	3546.4	2654.3	2253.7	2098.6	1987.5	1878.6
-40°	5279.8	5067.1	4549.6	3999.5	3343.8	2592.0	2310.9	2157.3	2056.8	1960.6	1860.5
-42.5°	4478.2	4009.5	3511.1	2944.3	2447.5	2325.1	2204.8	2108.6	2016.9	1930.8	1790.3
-45°	3327.6	2907.6	2494.8	2399.1	2288.5	2213.6	2146.7	2065.2	1983.3	1849.0	1698.9
-47.5°	2453.1	2388.2	2313.2	2260.1	2203.2	2145.2	2092.9	2023.7	1884.2	1741.5	1586.9
-50°	2285.7	2255.6	2220.8	2183.3	2140.7	2092.7	2006.2	1898.9	1761.8	1616.5	1468.2
-52.5°	2209.1	2179.5	2150.6	2121.1	2051.1	1958.7	1861.3	1751.5	1624.0	1482.8	1340.5
-55°	2136.2	2084.0	2025.3	1961.6	1890.6	1797.5	1698.9	1591.7	1472.6	1339.6	1212.7
-57.5°	1960.3	1902.8	1843.7	1780.0	1711.9	1620.8	1520.2	1417.4	1314.0	1196.0	1083.1
-60°	1760.3	1703.4	1644.2	1578.5	1506.6	1424.2	1339.4	1248.0	1150.3	1060.2	969.1
-62.5°	1540.9	1483.3	1428.7	1372.1	1313.2	1248.1	1169.5	1092.8	1014.6	933.9	849.8
-65°	1320.6	1270.0	1223.1	1179.5	1133.4	1084.1	1016.3	946.6	875.1	802.1	727.9
-67.5°	1115.7	1075.3	1037.8	1000.7	960.8	917.4	858.8	796.2	740.0	685.3	627.4
-70°	925.3	890.5	856.8	823.8	793.2	763.0	722.1	675.4	627.0	586.8	549.5
-72.5°	764.0	738.1	712.9	689.4	663.2	642.0	616.9	585.9	554.0	521.2	490.8
-75°	649.4	630.7	612.7	597.7	581.5	564.2	545.7	522.7	499.7	476.9	453.9
-77.5°	573.0	558.4	544.4	533.7	522.4	510.5	496.2	476.3	456.4	436.5	416.3
-80°	513.0	500.7	488.7	479.3	469.5	459.4	447.8	430.5	413.1	395.5	377.7
-82.5°	452.4	442.3	432.1	424.0	415.7	407.1	397.7	382.8	367.9	352.9	337.9
-85°	391.2	382.9	374.6	368.3	361.8	355.0	347.9	335.6	323.3	310.9	298.3
-87.5°	334.9	328.9	322.9	318.0	312.9	307.8	302.5	292.9	283.3	273.7	264.1
-90°	1.3	1.3	1.3	1.7	2.0	2.4	2.7	3.0	3.4	3.7	4.0



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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°	228.7	220.0	211.2	202.4	190.6	178.8	167.0	155.2	142.7	130.3	117.8
87.5°	4.0	4.0	4.0	4.0	4.4	4.7	5.1	5.4	5.4	5.4	5.4
85°	4.0	4.0	4.0	4.0	4.4	4.7	5.1	5.4	5.4	5.4	5.4
82.5°	4.0	4.0	4.0	4.0	4.4	4.7	5.1	5.4	5.5	5.4	5.4
80°	4.3	4.4	4.5	4.5	4.6	4.8	5.1	5.5	5.8	5.9	5.8
77.5°	4.8	4.9	5.1	5.3	5.4	5.4	5.5	5.7	6.1	6.4	6.4
75°	5.4	5.3	5.3	5.6	6.0	6.1	6.1	6.4	7.0	7.0	7.1
72.5°	5.7	5.8	5.7	5.9	6.6	7.0	7.0	7.3	8.1	8.3	8.0
70°	7.8	6.7	6.4	7.1	7.7	7.9	8.1	8.8	9.3	9.7	9.4
67.5°	11.4	10.1	8.8	8.9	9.6	9.9	9.5	10.6	11.5	11.1	10.9
65°	20.8	15.9	12.1	13.0	12.8	12.2	12.0	13.0	13.8	13.6	12.5
62.5°	29.4	23.7	20.0	18.5	17.4	16.4	14.8	16.5	16.6	16.3	14.8
60°	37.0	30.8	28.8	27.7	24.5	21.4	20.6	20.4	20.5	19.1	17.5
57.5°	39.1	36.8	39.1	38.0	34.4	29.1	27.6	26.9	24.7	22.9	20.6
55°	41.0	41.5	50.4	50.6	45.9	39.4	37.4	35.3	30.0	27.1	24.3
52.5°	47.5	54.0	63.2	65.0	59.9	52.8	51.6	44.5	39.1	31.6	29.4
50°	62.8	75.1	82.6	83.1	75.9	73.2	67.2	59.2	48.7	37.5	35.0
47.5°	106.0	116.5	110.1	106.1	97.5	97.1	89.3	75.4	59.0	47.0	41.1
45°	192.5	182.7	158.2	137.8	129.8	128.7	115.8	92.8	74.9	58.7	47.6
42.5°	297.9	276.8	239.5	174.0	174.6	165.9	145.1	118.6	91.6	71.0	56.7
40°	440.9	387.7	336.2	268.4	226.1	207.2	182.2	147.6	109.2	85.3	67.7
37.5°	571.5	505.5	448.3	361.8	289.7	259.2	223.0	178.6	132.1	103.1	79.0
35°	650.5	612.3	547.4	452.1	371.8	315.3	266.6	213.4	160.7	121.3	90.5
32.5°	718.5	695.7	629.5	538.5	449.1	375.4	316.6	249.7	188.8	139.8	102.2
30°	781.7	757.6	711.1	618.8	522.6	443.0	367.0	284.4	216.3	158.6	114.9
27.5°	847.8	819.9	787.7	693.5	593.2	506.4	409.8	317.6	243.0	179.2	130.3
25°	915.9	880.9	845.2	767.2	658.5	556.8	450.7	349.3	270.6	201.7	145.6
22.5°	993.4	939.5	902.5	840.2	717.7	607.6	491.7	384.2	297.5	223.3	160.7
20°	1070.1	996.1	957.6	899.1	776.6	658.5	533.8	417.1	322.9	244.1	175.6
17.5°	1172.9	1055.8	1001.4	940.7	831.9	707.5	575.1	448.1	346.6	263.9	190.0
15°	1414.6	1120.1	1044.9	980.8	882.2	754.4	615.1	476.9	368.7	282.6	203.3
12.5°	1667.5	1183.9	1088.5	1019.4	927.6	798.8	653.5	503.5	389.2	299.5	214.9
10°	1922.5	1246.2	1131.5	1056.3	968.3	840.5	689.8	530.9	411.5	315.0	225.5
7.5°	2169.8	1306.3	1173.5	1091.1	1004.8	876.5	724.0	562.8	433.3	329.4	235.1
5°	2381.5	1359.4	1215.6	1128.6	1038.5	905.9	754.0	592.7	453.9	342.5	243.7
2.5°	2483.9	1401.8	1256.3	1164.7	1068.9	931.3	779.7	620.2	472.9	354.2	251.2
0°	2542.4	1438.5	1294.1	1198.3	1095.8	952.7	801.6	645.0	489.9	364.4	257.7
-2.5°	2538.1	1473.3	1330.3	1233.7	1134.1	981.8	819.4	658.9	503.0	376.3	266.5
-5°	2492.6	1503.1	1363.4	1266.5	1167.8	1006.4	833.5	669.6	513.8	386.4	274.2
-7.5°	2460.0	1537.1	1396.0	1297.4	1196.3	1025.5	843.6	677.1	522.4	394.5	280.6
-10°	2389.9	1570.7	1428.9	1326.2	1213.6	1038.2	850.3	681.5	528.6	400.6	285.7
-12.5°	2266.2	1597.1	1457.5	1351.3	1224.8	1045.3	858.1	686.2	532.8	404.6	289.4
-15°	2086.6	1616.0	1481.6	1372.4	1230.6	1047.7	861.3	688.8	536.6	406.9	291.7
-17.5°	1849.5	1626.9	1500.9	1389.3	1231.2	1045.5	859.8	687.7	537.7	407.6	293.4
-20°	1811.3	1640.4	1515.5	1401.8	1226.3	1038.5	853.6	682.8	536.0	406.2	294.3



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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°	1813.1	1657.7	1531.7	1394.8	1214.9	1027.0	842.4	674.0	531.6	402.6	293.5
-25°	1807.6	1669.3	1546.0	1387.3	1197.3	1010.8	828.0	661.3	524.4	396.8	291.1
-27.5°	1808.9	1676.9	1557.5	1373.0	1180.0	988.8	810.5	650.5	514.8	388.7	286.9
-30°	1809.3	1685.1	1541.5	1350.7	1155.7	964.3	788.5	636.7	503.6	381.1	281.1
-32.5°	1798.9	1690.5	1511.6	1317.8	1123.8	934.4	763.7	619.6	489.8	373.1	278.0
-35°	1789.9	1658.2	1473.8	1277.1	1084.8	903.7	738.6	599.3	473.4	363.0	274.9
-37.5°	1773.4	1600.2	1421.4	1228.3	1039.2	867.8	714.3	578.3	454.5	350.8	270.7
-40°	1703.3	1531.5	1353.2	1171.6	992.6	826.8	685.6	554.3	436.9	336.4	265.3
-42.5°	1625.0	1450.6	1277.4	1106.0	942.3	790.2	652.8	526.4	417.9	326.1	258.8
-45°	1530.4	1362.3	1194.9	1039.2	888.4	749.0	617.4	495.8	396.4	317.2	253.1
-47.5°	1428.4	1266.3	1112.3	967.2	836.8	703.5	577.6	468.6	372.6	306.8	249.4
-50°	1318.0	1169.1	1028.3	898.8	777.0	654.1	536.2	438.7	358.1	294.3	245.0
-52.5°	1204.7	1072.3	946.9	829.1	713.4	600.0	499.3	407.4	341.7	285.2	239.7
-55°	1090.2	979.6	866.7	754.9	645.8	551.1	459.3	386.5	323.6	277.4	233.9
-57.5°	984.6	887.1	781.0	676.2	583.7	500.6	427.1	363.5	311.5	268.8	228.9
-60°	878.1	786.3	690.5	604.3	524.1	456.5	398.5	342.8	300.6	259.7	222.8
-62.5°	765.6	684.8	611.2	535.0	474.2	421.3	370.8	329.4	288.8	251.5	215.9
-65°	663.2	597.9	533.7	484.0	434.4	389.3	354.1	315.0	278.0	242.7	208.5
-67.5°	569.0	527.1	485.0	439.4	402.8	369.2	336.0	301.4	266.8	233.1	200.4
-70°	511.6	473.3	442.2	411.5	379.8	348.6	319.1	287.6	254.8	222.7	191.8
-72.5°	464.9	439.0	413.2	385.5	357.0	329.0	301.7	272.8	241.6	211.5	182.6
-75°	430.4	407.1	384.3	360.3	334.3	308.7	283.1	256.6	227.8	199.9	172.9
-77.5°	395.6	375.3	355.1	333.9	309.9	286.4	263.2	239.7	213.2	187.5	162.8
-80°	359.7	341.8	323.9	305.6	284.4	263.4	242.6	221.6	197.7	174.6	152.2
-82.5°	322.6	307.3	292.0	276.4	257.7	239.3	221.1	202.9	181.8	161.3	142.4
-85°	285.4	272.4	259.4	246.3	230.4	214.8	200.2	185.4	168.0	151.0	134.4
-87.5°	253.9	243.7	233.5	223.2	210.1	196.9	183.7	170.5	155.5	140.8	126.2
-90°	4.0	4.0	4.0	4.0	4.4	4.7	5.1	5.4	5.4	5.4	5.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	105.3	87.7	70.2	52.6	35.1	21.6	8.1
87.5°	5.4	5.5	5.6	5.7	5.6	7.0	8.1
85°	5.4	5.7	5.9	5.9	5.9	7.2	8.1
82.5°	5.4	5.9	6.1	6.2	6.1	7.5	8.1
80°	5.5	6.0	6.4	6.5	6.4	7.7	8.1
77.5°	6.3	6.5	6.6	6.7	6.7	8.0	8.1
75°	7.1	7.4	7.0	7.0	7.0	8.2	8.1
72.5°	8.0	8.4	8.0	7.3	7.3	8.5	8.1
70°	9.0	9.4	9.0	7.7	7.6	8.7	8.1
67.5°	10.7	10.4	10.0	8.6	8.0	9.0	8.1
65°	12.6	11.9	11.0	9.5	8.4	9.3	8.1
62.5°	14.6	13.9	12.1	10.4	8.8	9.5	8.1
60°	16.7	16.0	13.2	11.3	9.2	9.8	8.1
57.5°	20.0	18.1	15.0	12.2	10.1	10.1	8.1
55°	23.6	20.3	17.0	13.2	11.0	10.4	8.1
52.5°	27.4	22.8	18.9	14.1	12.0	10.7	8.1
50°	31.5	26.3	20.9	15.0	13.0	10.9	8.1
47.5°	35.9	30.0	23.0	16.1	14.0	11.2	8.1
45°	41.6	33.8	25.0	17.7	15.1	11.5	8.1
42.5°	47.5	37.7	27.1	19.2	16.2	11.8	8.1
40°	53.7	41.6	29.7	21.3	17.3	12.1	8.1
37.5°	60.1	45.7	32.8	23.7	18.5	12.4	8.1
35°	66.7	50.5	35.9	26.1	19.6	12.7	8.1
32.5°	74.3	55.7	39.0	28.6	20.8	13.0	8.1
30°	83.7	61.0	42.1	31.1	22.0	13.3	8.1
27.5°	93.2	66.3	46.4	33.6	23.2	13.6	8.1
25°	102.5	71.5	50.9	36.2	24.4	13.8	8.1
22.5°	111.7	77.1	55.4	38.7	25.6	14.1	8.1
20°	120.7	83.5	59.8	41.2	26.8	14.4	8.1
17.5°	129.7	89.7	64.1	43.7	28.0	14.6	8.1
15°	138.5	95.7	68.3	46.2	29.1	14.9	8.1
12.5°	146.7	101.4	72.4	48.6	30.2	15.1	8.1
10°	154.4	106.8	76.3	51.0	31.3	15.4	8.1
7.5°	161.6	111.9	80.1	53.2	32.3	15.6	8.1
5°	168.1	116.8	83.8	55.4	33.3	15.8	8.1
2.5°	174.1	121.3	87.2	57.5	34.2	16.0	8.1
0°	179.5	125.5	90.4	59.4	35.1	16.2	8.1
-2.5°	185.9	130.7	94.4	62.5	37.0	17.0	8.1
-5°	191.6	135.6	98.2	65.5	38.8	17.8	8.1
-7.5°	196.6	140.1	101.8	68.3	40.6	18.5	8.1
-10°	201.0	144.2	105.1	71.0	42.2	19.2	8.1
-12.5°	204.6	147.9	108.1	73.4	43.8	19.9	8.1
-15°	207.6	151.2	110.9	75.7	45.2	20.6	8.1
-17.5°	209.8	154.1	113.4	77.8	46.5	21.2	8.1
-20°	211.7	156.5	115.7	79.7	47.7	21.8	8.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	213.5	158.6	117.6	81.3	48.8	22.4	8.1
-25°	214.4	160.5	119.4	82.8	49.8	23.0	8.1
-27.5°	214.4	162.1	120.8	84.0	50.6	23.4	8.1
-30°	213.4	163.2	122.0	84.9	51.2	23.9	8.1
-32.5°	211.6	163.8	123.0	85.7	51.8	24.3	8.1
-35°	210.9	163.9	123.6	86.2	52.1	24.7	8.1
-37.5°	210.5	163.7	123.9	86.5	52.4	25.0	8.1
-40°	209.4	163.7	123.8	86.5	52.4	25.3	8.1
-42.5°	207.6	163.2	123.5	86.3	52.4	25.5	8.1
-45°	205.2	162.3	122.8	85.8	52.2	25.7	8.1
-47.5°	202.1	160.8	121.8	85.1	51.8	25.9	8.1
-50°	199.5	159.0	120.4	84.2	51.3	26.0	8.1
-52.5°	196.6	156.6	118.7	83.1	50.6	26.0	8.1
-55°	193.1	153.9	116.7	81.8	49.8	26.0	8.1
-57.5°	189.0	150.7	114.3	80.3	48.8	26.0	8.1
-60°	184.4	147.1	111.7	78.5	47.7	25.9	8.1
-62.5°	179.2	143.1	108.8	76.5	47.2	25.7	8.1
-65°	173.6	138.7	105.6	74.3	46.6	25.6	8.1
-67.5°	167.4	134.0	102.1	71.9	45.9	25.3	8.1
-70°	160.8	128.9	98.4	69.3	45.1	25.1	8.1
-72.5°	153.8	123.4	94.4	67.6	44.1	24.8	8.1
-75°	146.3	117.7	90.1	65.8	43.1	24.4	8.1
-77.5°	138.5	111.6	87.0	64.0	41.9	24.0	8.1
-80°	130.3	106.6	84.0	62.0	40.7	23.6	8.1
-82.5°	124.2	102.2	80.8	59.8	39.4	23.1	8.1
-85°	118.1	97.6	77.4	57.5	38.0	22.7	8.1
-87.5°	111.8	92.8	73.9	55.1	36.6	22.1	8.1
-90°	5.4	5.4	5.4	5.4	5.4	6.8	8.1

(END OF REPORT)