

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: P1306263 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-3S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

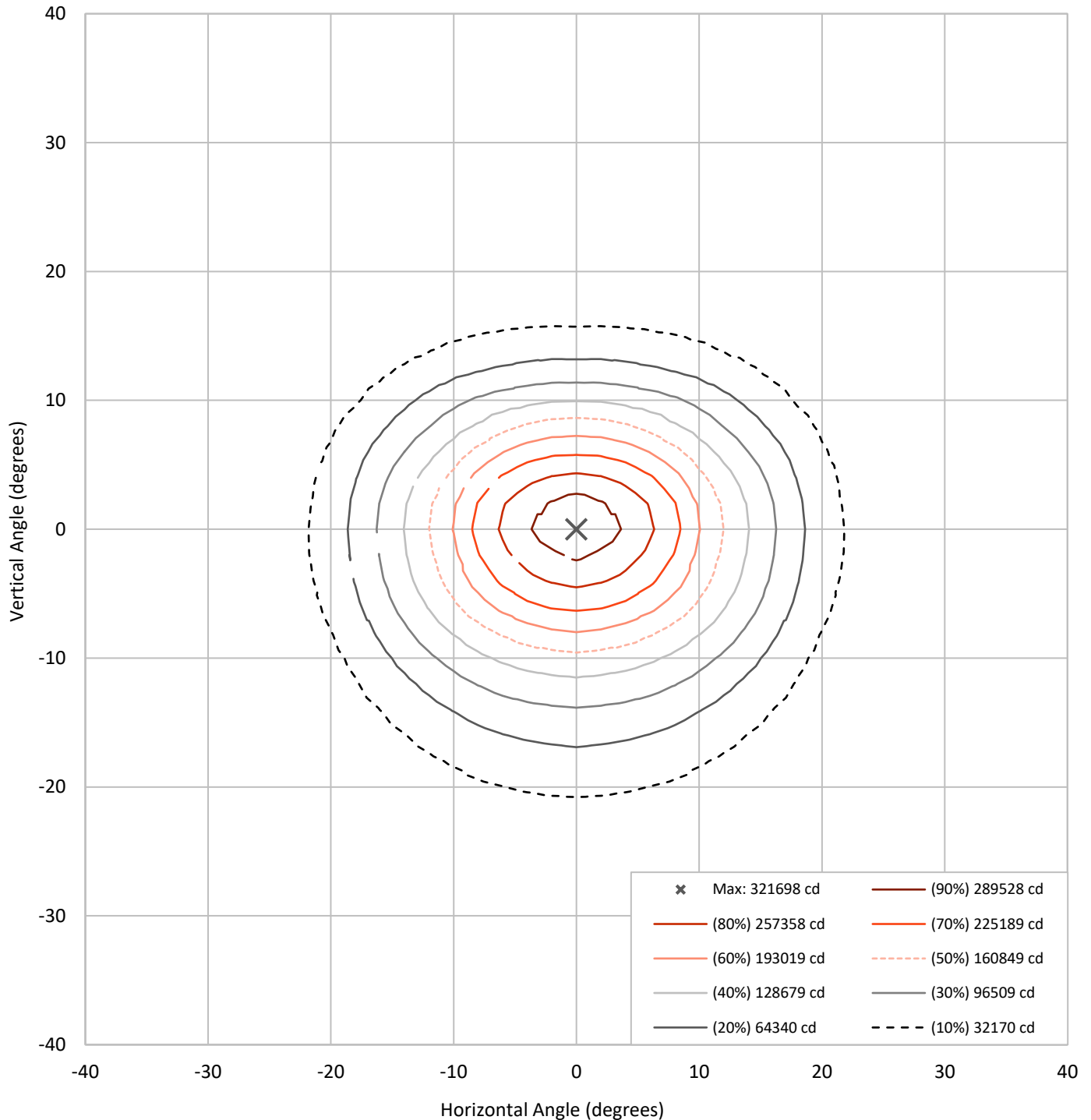
Test Method: LM-79-08  
Report Number: P1306263 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-57-80-3S-CV5-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 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:	53779.9 lumens	Max Intensity:	321698 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.1 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:	23005.8 lumens	Field Lumens:	45960.3 lumens
Beam Efficiency:	42.8%	Field Efficiency:	85.5%
Input Watts (W):	554		
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





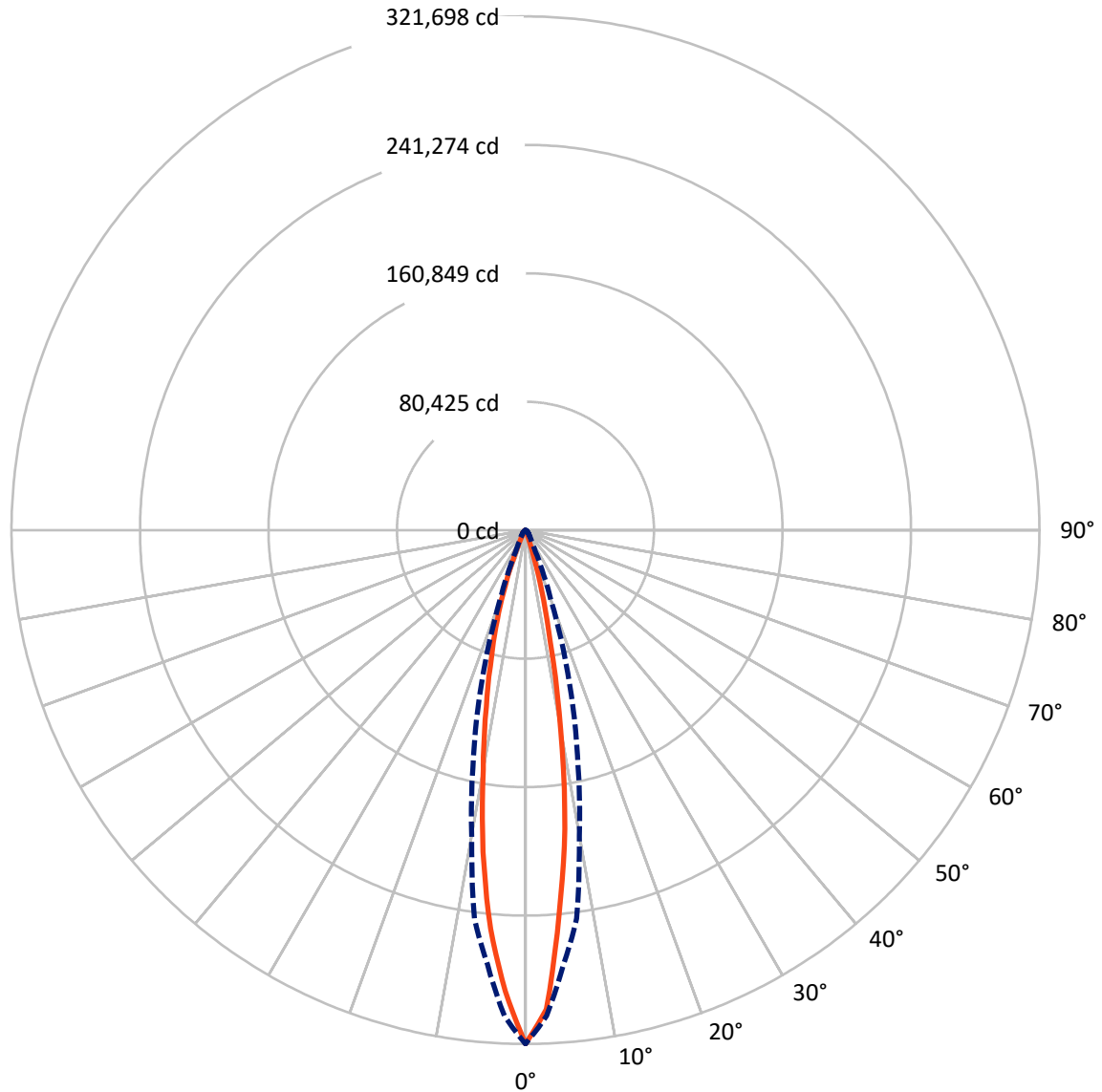
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### Lumen Table

90	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
80	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
70	0.2	0.1	0.2	0.6	0.7	0.4	0.3	0.2	0.2	0.3	0.4	0.7	0.6	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	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.2	0.2
40		0.2	0.5	0.8	1.5	2.1	2.6	3.4	3.4	2.6	2.1	1.5	0.8	0.5	0.2	
30	0.2	0.4	1.5	3.8	7.1	10.8	24.4	49.2	49.2	24.4	10.8	7.1	3.8	1.5	0.4	0.2
20		1.1	5.5	17.7	38.7	103.9	576.1	1318.2	1318.2	576.1	103.9	38.7	17.7	5.5	1.1	
10	0.3	1.9	11.6	41.8	97.5	428.9	2690.4	6279.9	6279.9	2690.4	428.9	97.5	41.8	11.6	1.9	0.3
0		2.6	13.8	48.9	109.4	457.2	2869.5	6468.1	6468.1	2869.5	457.2	109.4	48.9	13.8	2.6	
-10	0.6	2.8	11.9	37.1	77.7	197.1	1041.8	2344.7	2344.7	1041.8	197.1	77.7	37.1	11.9	2.8	0.6
-20		2.7	9.6	23.3	54.9	93.0	201.7	405.7	405.7	201.7	93.0	54.9	23.3	9.6	2.7	
-30	0.4	2.4	7.7	16.3	35.5	64.1	87.1	101.6	101.6	87.1	64.1	35.5	16.3	7.7	2.4	0.4
-40		1.7	5.7	12.3	22.1	36.0	55.1	69.3	69.3	55.1	36.0	22.1	12.3	5.7	1.7	
-50	0.2	0.8	3.4	7.8	14.0	20.6	26.1	29.3	29.3	26.1	20.6	14.0	7.8	3.4	0.8	0.2
-60		0.3	1.2	3.4	6.3	9.7	13.0	15.0	15.0	13.0	9.7	6.3	3.4	1.2	0.3	
-70	0.2	0.8	2.6		7.0		10.7		7.0		2.6		0.8		0.2	
-80		0.2	0.8		2.6		7.0		10.7		7.0		2.6			0.2
-90	0.2	0.8		2.6		7.0		10.7		7.0		2.6		0.8		0.2

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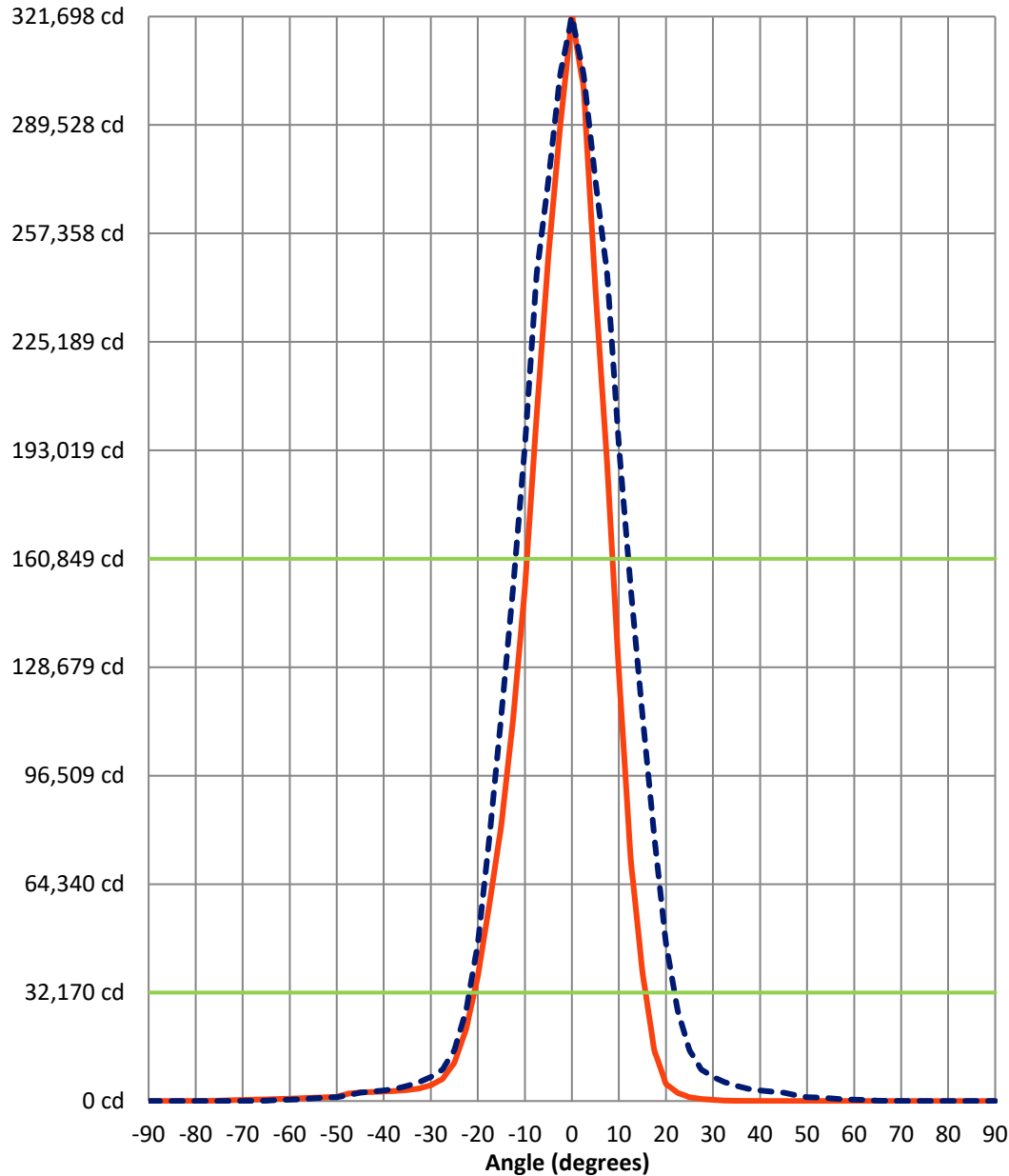
### Luminous Intensity Polar Plot



— 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: 23005.8  
 Efficiency: 42.8%

**Field:**  
 H Angle: 43.7°  
 V Angle: 36.4°  
 Lumens: 45960.3  
 Efficiency: 85.5%

**Spill:**  
 Lumens: 7819.7  
 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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.4
67.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.8	7.4	8.0
65°	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.8	7.4	8.0	8.3
62.5°	6.8	6.8	6.8	6.8	6.8	7.0	7.0	7.1	7.9	8.4	7.9
60°	6.8	6.8	6.8	6.8	6.8	7.1	7.1	7.6	8.4	8.2	7.5
57.5°	6.8	6.8	6.8	6.8	7.0	7.3	7.4	8.0	8.4	8.0	7.4
55°	6.8	6.8	6.8	6.8	7.1	7.5	7.8	8.5	8.4	7.9	7.5
52.5°	6.8	6.8	6.9	6.8	7.3	7.7	8.1	8.5	8.3	8.0	7.6
50°	6.8	6.8	6.9	6.8	7.5	7.9	8.3	8.6	8.4	8.1	9.2
47.5°	6.8	6.8	7.0	6.8	7.7	8.0	8.5	8.7	8.5	8.2	10.6
45°	6.8	6.8	7.0	7.0	7.9	8.2	8.7	8.9	8.7	9.0	11.7
42.5°	6.8	6.8	7.1	7.2	8.1	8.3	8.8	9.1	8.9	9.6	12.8
40°	6.8	6.8	7.1	7.3	8.3	8.4	9.0	9.3	9.3	9.9	13.9
37.5°	6.8	6.8	7.2	7.5	8.3	8.5	9.2	9.6	10.0	11.0	14.9
35°	6.8	6.8	7.3	7.7	8.4	8.6	9.5	9.9	10.7	12.8	15.5
32.5°	6.8	6.8	7.3	7.9	8.5	8.8	9.7	10.2	11.5	14.6	17.0
30°	6.8	6.8	7.4	8.0	8.5	9.0	10.0	10.7	12.3	16.5	18.8
27.5°	6.8	6.8	7.5	8.1	8.5	9.2	10.3	11.3	13.4	18.4	21.0
25°	6.8	6.8	7.6	8.2	8.5	9.4	10.6	12.0	15.0	20.3	23.7
22.5°	6.8	6.8	7.7	8.3	8.5	9.5	10.9	12.7	16.6	22.3	28.5
20°	6.8	6.8	7.8	8.3	8.5	9.7	11.2	13.3	18.1	24.5	33.9
17.5°	6.8	6.8	7.9	8.4	8.5	9.8	11.4	14.0	19.6	26.7	39.7
15°	6.8	6.8	8.0	8.4	8.5	9.9	11.5	14.7	21.1	29.1	45.7
12.5°	6.8	6.8	8.1	8.5	8.5	10.0	11.7	15.6	22.8	31.5	51.9
10°	6.8	6.8	8.2	8.5	8.5	10.1	11.7	16.6	24.5	35.5	59.4
7.5°	6.8	6.8	8.3	8.5	8.5	10.1	11.8	17.6	26.2	39.9	70.0
5°	6.8	6.8	8.3	8.5	8.5	10.2	11.9	18.6	27.8	44.3	80.5
2.5°	6.8	6.8	8.4	8.5	8.5	10.2	11.9	19.5	29.3	48.7	90.7
0°	6.8	6.8	8.5	8.5	8.5	10.2	11.9	20.4	30.6	52.7	100.2
-2.5°	6.8	6.8	8.5	8.5	8.6	10.6	13.5	24.3	38.8	64.8	114.8
-5°	6.8	6.8	8.5	8.5	8.8	10.9	15.0	28.1	46.7	76.3	128.2
-7.5°	6.8	6.8	8.5	8.5	8.9	11.2	16.4	31.5	54.1	87.0	140.5
-10°	6.8	6.8	8.4	8.5	9.1	11.5	17.7	34.5	60.6	96.8	151.5
-12.5°	6.8	6.8	8.4	8.5	9.2	11.8	18.7	37.0	66.3	105.5	161.6
-15°	6.8	6.8	8.4	8.5	9.3	11.9	19.6	39.0	71.5	113.6	170.2
-17.5°	6.8	6.8	8.3	8.5	9.3	12.1	20.2	41.2	76.4	120.5	177.2
-20°	6.8	6.8	8.3	8.5	9.4	12.2	20.7	43.2	80.0	126.1	182.3



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 CATALOG NUMBER: EPH-08-530N-57-80-3S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.8	6.8	8.2	8.5	9.4	12.2	21.4	44.3	82.3	130.5	185.5
-25°	6.8	6.8	8.2	8.5	9.4	12.3	21.5	44.4	83.3	133.5	186.8
-27.5°	6.8	6.8	8.1	8.5	9.4	12.4	21.0	43.4	82.7	134.8	189.4
-30°	6.8	6.8	8.0	8.5	9.3	12.4	20.0	41.3	81.3	133.9	190.3
-32.5°	6.8	6.8	8.0	8.5	9.3	12.3	18.2	39.7	78.7	130.8	189.4
-35°	6.8	6.8	7.9	8.5	9.3	12.1	17.5	37.7	74.4	125.7	186.7
-37.5°	6.8	6.8	7.8	8.5	9.2	11.9	17.2	34.7	68.5	118.4	174.2
-40°	6.8	6.8	7.7	8.5	9.1	11.8	16.8	30.7	60.9	109.8	158.8
-42.5°	6.8	6.8	7.6	8.5	9.1	11.6	16.2	25.7	54.1	96.5	141.7
-45°	6.8	6.8	7.5	8.5	9.1	11.4	15.5	22.0	47.2	81.6	123.5
-47.5°	6.8	6.8	7.4	8.5	9.1	11.1	14.6	20.9	39.0	65.7	105.5
-50°	6.8	6.8	7.3	8.4	9.0	10.7	14.0	19.6	28.8	54.2	86.3
-52.5°	6.8	6.8	7.2	8.2	8.9	10.3	13.4	18.1	24.2	42.2	66.7
-55°	6.8	6.8	7.0	8.1	8.8	10.0	12.8	16.5	22.0	29.7	52.6
-57.5°	6.8	6.8	6.9	7.9	8.7	9.8	12.0	15.5	19.7	24.8	38.0
-60°	6.8	6.8	6.8	7.8	8.5	9.5	11.2	14.3	17.5	22.1	26.9
-62.5°	6.8	6.8	6.8	7.6	8.3	9.1	10.6	13.1	16.1	19.4	23.8
-65°	6.8	6.8	6.8	7.5	8.2	8.7	10.0	12.0	14.7	17.5	20.7
-67.5°	6.8	6.8	6.8	7.3	8.0	8.4	9.3	11.1	13.2	15.8	18.4
-70°	6.8	6.8	6.8	7.2	7.9	8.3	8.6	10.2	12.2	14.1	16.5
-72.5°	6.8	6.8	6.8	7.1	7.8	8.2	8.5	9.3	11.1	12.9	14.7
-75°	6.8	6.8	6.8	7.1	7.6	8.1	8.5	9.0	10.1	11.7	13.4
-77.5°	6.8	6.8	6.8	7.1	7.5	8.1	8.5	8.9	9.6	10.6	12.1
-80°	6.8	6.8	6.8	7.0	7.4	7.9	8.5	8.7	9.1	9.8	10.7
-82.5°	6.8	6.8	6.8	7.0	7.2	7.6	8.1	8.3	8.5	8.9	9.4
-85°	6.8	6.8	6.8	6.9	7.1	7.3	7.7	7.8	8.0	8.1	8.2
-87.5°	6.8	6.8	6.8	6.9	6.9	7.1	7.2	7.3	7.4	7.5	7.5
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8



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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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.2	7.7	8.1
87.5°	6.6	6.4	6.2	6.1	5.9	5.6	5.4	5.1	5.1	5.1	5.1
85°	6.8	6.8	6.8	6.8	6.4	6.0	5.5	5.1	5.1	5.1	5.1
82.5°	6.8	6.8	6.8	6.8	6.4	6.0	5.6	5.3	5.4	5.4	5.3
80°	6.8	6.8	6.8	6.8	6.6	6.5	6.4	6.5	6.4	6.0	5.6
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.5	6.1	5.6
75°	6.8	6.8	6.9	6.9	6.8	6.8	6.8	6.8	6.6	6.5	6.5
72.5°	7.1	7.3	7.3	7.0	6.8	6.8	6.8	6.8	8.0	9.7	11.0
70°	7.8	7.8	7.3	6.9	6.8	7.2	9.3	12.2	15.2	17.4	20.2
67.5°	8.3	7.5	7.0	7.0	8.2	10.5	13.7	21.0	29.1	32.2	33.2
65°	7.6	7.0	7.2	8.3	10.0	16.1	24.0	33.5	40.3	39.8	37.8
62.5°	7.0	7.0	7.9	10.7	16.1	23.6	30.9	37.5	44.1	42.3	36.3
60°	6.9	7.2	10.4	16.0	21.7	27.2	34.0	37.8	40.8	40.6	32.1
57.5°	7.0	9.2	14.7	20.2	24.8	29.0	31.1	33.7	34.8	34.9	26.1
55°	8.2	12.6	18.0	22.6	26.1	25.5	26.3	26.6	26.8	25.0	17.7
52.5°	10.8	15.6	20.0	24.0	24.8	22.4	19.5	19.6	18.4	15.5	12.8
50°	13.0	17.3	21.6	24.3	23.3	18.6	14.4	14.3	13.1	11.3	9.8
47.5°	14.6	18.9	23.1	24.6	20.7	16.8	13.3	11.6	10.4	10.0	8.9
45°	16.0	20.1	24.5	22.9	19.5	16.7	13.7	10.2	10.7	10.6	10.9
42.5°	17.3	21.0	23.5	21.9	19.9	17.8	15.2	13.1	12.2	13.5	14.0
40°	17.9	21.6	22.7	23.1	21.1	20.0	19.7	18.1	15.7	17.9	18.6
37.5°	18.2	21.5	23.6	26.5	23.9	24.6	25.6	26.0	24.5	24.0	27.0
35°	18.1	22.1	28.5	31.9	29.8	31.2	34.2	35.6	35.6	34.9	40.1
32.5°	18.6	23.3	35.3	38.1	40.3	42.1	44.1	47.2	50.1	53.4	61.9
30°	21.0	29.6	42.9	45.2	53.1	61.5	59.2	60.8	67.4	88.7	107.2
27.5°	26.1	38.1	49.6	56.5	69.5	87.0	92.5	81.7	101.1	134.1	165.6
25°	32.2	61.8	56.9	70.4	94.6	120.9	135.5	133.9	152.9	194.6	231.9
22.5°	45.3	92.6	89.7	85.6	123.8	162.4	187.4	230.9	292.2	291.9	305.5
20°	68.0	122.0	131.1	142.4	167.0	210.0	245.9	361.1	488.8	532.1	484.9
17.5°	94.6	154.5	178.2	216.6	271.3	299.1	319.6	516.7	732.5	818.0	844.8
15°	124.2	189.5	228.6	299.6	386.8	436.2	523.3	748.5	1003.5	1148.3	1256.1
12.5°	155.7	226.2	281.4	389.3	510.7	576.0	769.0	1095.1	1348.9	1523.7	1797.7
10°	188.2	264.2	335.7	483.5	640.3	717.4	1032.0	1451.9	1717.2	1919.5	2294.3
7.5°	224.0	302.0	389.7	579.6	772.7	859.5	1303.8	1811.6	2076.1	2301.5	2725.0
5°	258.8	338.3	438.1	661.3	878.7	979.3	1548.8	2164.5	2424.7	2669.4	3114.0
2.5°	291.0	373.1	484.6	736.6	962.9	1063.1	1666.8	2344.1	2627.8	2931.4	3407.8
0°	319.4	406.0	528.4	805.3	1039.7	1143.4	1760.1	2499.1	2793.0	3137.9	3622.1
-2.5°	325.4	419.1	544.0	804.3	1029.4	1141.4	1769.1	2505.9	2849.9	3214.5	3688.3
-5°	327.0	429.6	555.9	796.3	1012.3	1134.8	1750.8	2480.6	2859.3	3195.8	3622.5
-7.5°	324.7	437.0	564.2	780.5	979.1	1097.1	1647.6	2326.9	2709.8	3003.0	3404.3
-10°	318.9	436.0	555.0	745.0	926.0	1039.9	1506.3	2149.5	2554.2	2806.5	3156.1
-12.5°	308.7	427.9	540.3	706.9	872.3	981.4	1341.7	1953.1	2396.4	2611.9	2894.7
-15°	297.2	418.2	523.0	667.5	819.8	922.7	1154.9	1741.1	2246.1	2465.6	2675.7
-17.5°	285.3	407.2	503.4	628.2	770.1	864.4	953.2	1515.8	2056.0	2316.4	2519.4
-20°	273.7	395.3	481.5	589.9	723.4	819.2	892.1	1287.6	1788.9	2151.1	2354.9



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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°	262.8	382.5	460.9	560.3	682.2	783.2	857.1	1064.3	1507.0	1971.3	2191.7
-25°	258.8	364.1	444.0	534.3	642.8	746.9	823.1	874.8	1240.6	1700.3	2036.1
-27.5°	259.0	348.8	427.8	506.4	603.5	708.2	784.2	837.6	1038.2	1433.9	1860.6
-30°	256.7	330.3	410.0	479.3	569.0	663.7	744.0	817.8	881.2	1198.0	1574.5
-32.5°	247.0	310.8	388.5	458.0	534.3	620.7	711.1	790.0	858.9	961.9	1303.1
-35°	233.9	294.8	365.2	435.2	499.2	582.5	671.3	757.6	830.7	894.7	1050.3
-37.5°	221.9	276.5	341.1	410.1	472.9	544.4	628.5	715.0	793.5	869.6	939.9
-40°	208.3	256.1	318.1	383.1	445.7	508.1	584.1	665.8	748.6	836.2	921.0
-42.5°	192.6	239.2	293.5	354.8	414.2	475.3	537.7	614.5	697.8	790.5	878.8
-45°	172.0	220.6	267.8	323.0	379.3	438.7	498.8	560.7	641.2	726.7	819.1
-47.5°	149.6	199.0	244.9	289.1	342.2	397.5	456.0	516.7	580.3	658.2	741.2
-50°	126.2	172.2	218.8	258.7	303.1	354.2	408.0	468.3	528.9	590.1	660.7
-52.5°	103.4	143.5	187.2	228.7	267.0	309.7	359.6	414.3	472.1	530.9	585.4
-55°	79.3	115.7	153.4	193.9	232.7	269.0	309.2	358.3	410.1	464.6	514.6
-57.5°	59.8	87.3	120.8	156.1	193.7	230.5	265.6	301.1	345.8	393.9	436.7
-60°	43.0	63.0	88.6	119.7	151.8	186.6	221.9	255.0	287.7	319.2	357.5
-62.5°	28.2	43.8	61.9	83.7	112.1	141.4	172.7	204.7	236.4	263.8	289.0
-65°	24.7	28.3	40.6	56.9	73.1	99.5	126.0	151.5	179.4	204.5	228.8
-67.5°	21.1	24.4	27.7	33.4	48.1	64.4	81.6	104.9	127.0	145.1	163.1
-70°	18.7	20.7	23.4	26.3	29.3	36.0	50.4	65.4	80.1	94.0	109.4
-72.5°	16.5	18.3	20.0	21.7	24.4	27.5	30.8	34.1	42.4	53.5	64.1
-75°	14.6	15.9	17.4	19.0	20.6	22.5	24.6	27.4	30.0	32.3	34.4
-77.5°	13.0	13.9	15.0	16.2	17.5	18.9	20.4	22.1	23.8	25.6	27.5
-80°	11.4	11.9	12.6	13.3	14.4	15.6	16.6	17.7	18.7	19.9	21.2
-82.5°	9.8	10.2	10.6	10.9	11.6	12.4	13.3	14.2	14.4	14.8	15.2
-85°	8.4	8.5	8.8	9.0	9.3	9.7	10.1	10.6	10.7	10.8	10.8
-87.5°	7.6	7.6	7.7	7.8	7.8	7.9	7.9	8.0	8.2	8.3	8.4
-90°	6.4	6.0	5.5	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.5	8.9	9.3	9.8	10.2	14.0	17.8	21.7	25.5	31.9	38.2
87.5°	5.1	4.7	4.3	3.8	3.4	3.0	2.6	2.1	1.7	1.7	1.7
85°	5.1	4.7	4.3	3.8	3.4	3.3	3.3	3.3	3.3	2.9	2.5
82.5°	5.1	4.7	4.3	3.9	3.4	3.4	3.4	3.4	3.4	3.0	2.6
80°	5.2	4.9	4.7	4.5	4.5	4.3	4.1	3.8	3.4	3.4	3.3
77.5°	5.3	5.4	5.4	5.3	5.1	4.8	4.3	3.9	3.5	3.4	3.4
75°	6.6	6.8	6.9	6.7	6.1	5.7	5.4	5.1	4.8	4.6	4.2
72.5°	11.9	12.0	11.4	11.0	10.0	9.5	9.6	9.4	9.2	9.0	8.9
70°	21.8	22.2	21.3	19.2	16.3	14.3	13.3	12.1	10.7	10.1	10.1
67.5°	31.0	28.4	25.6	22.8	19.1	16.0	14.1	12.4	10.9	10.0	9.6
65°	34.0	27.8	23.2	19.6	16.8	14.4	12.5	10.6	8.8	7.6	7.2
62.5°	29.6	22.1	17.6	14.8	12.9	11.6	9.7	8.0	6.5	5.7	5.9
60°	24.0	16.3	12.1	10.6	9.4	8.5	7.5	6.5	5.6	5.1	5.2
57.5°	18.0	11.9	8.5	8.3	7.8	7.1	6.5	6.0	5.5	5.1	5.1
55°	12.4	9.8	8.5	8.1	7.6	7.1	6.6	6.1	5.6	5.1	5.1
52.5°	9.7	8.9	8.5	8.2	7.7	7.2	6.7	6.2	5.7	5.2	5.1
50°	8.9	8.6	8.7	8.4	7.9	7.4	6.9	6.6	6.4	6.2	6.3
47.5°	9.1	9.4	9.2	8.6	8.2	8.3	8.3	8.3	8.4	8.1	8.0
45°	10.4	10.5	10.3	10.2	9.8	10.8	11.4	11.4	13.3	12.6	10.6
42.5°	13.0	13.6	14.3	15.2	14.0	17.9	24.1	28.2	24.1	19.1	16.1
40°	19.6	20.1	24.4	26.7	31.6	37.3	33.9	28.4	25.3	27.0	27.9
37.5°	31.0	36.1	43.2	51.1	49.2	40.8	41.8	41.6	40.2	43.6	43.9
35°	50.5	63.2	69.3	71.1	67.6	65.0	67.4	69.7	64.5	72.7	75.3
32.5°	82.5	98.1	101.6	97.9	98.3	104.0	108.3	116.0	123.8	136.1	150.9
30°	121.7	138.4	146.4	139.1	140.7	154.2	162.9	180.6	208.7	241.0	281.1
27.5°	180.3	192.7	207.0	209.0	202.3	222.1	253.1	271.7	347.4	397.5	487.9
25°	257.6	276.9	289.5	310.8	322.1	346.1	405.6	462.8	579.2	692.5	884.8
22.5°	359.1	421.1	443.9	440.6	507.6	572.0	622.7	783.0	1012.2	1347.7	1725.3
20°	493.2	620.5	728.7	763.9	787.7	957.7	1132.5	1630.2	2200.7	3152.8	3893.1
17.5°	889.0	930.8	1168.5	1362.0	1454.0	1814.1	2630.3	3883.0	6036.2	8982.4	10793.7
15°	1484.2	1603.8	1842.1	2251.3	2757.8	3712.2	5074.6	9068.5	14590.8	20625.5	26370.9
12.5°	2141.5	2390.9	2827.5	3430.2	4234.2	6957.3	11354.4	18868.5	29092.0	39547.4	52882.2
10°	2751.4	3253.1	3969.6	4986.9	7051.3	11703.4	19104.7	31877.5	49986.6	68869.3	87733.6
7.5°	3249.0	3966.7	5014.5	6538.3	10238.4	17707.2	29845.4	48664.4	71883.2	96176.6	121753.9
5°	3751.4	4660.0	5922.1	7765.8	12326.9	22345.7	38490.8	64254.7	94218.6	124829.1	157062.1
2.5°	4187.0	5249.9	6711.1	8865.1	13731.4	24856.2	43706.2	75430.9	110611.6	147242.1	188296.0
0°	4508.9	5591.1	7143.9	9384.8	15115.2	26810.6	46759.2	78734.5	114517.0	152334.0	194293.0
-2.5°	4464.1	5442.8	6850.3	9074.1	14634.3	26458.0	44852.2	76014.5	111035.3	146485.2	183906.9
-5°	4260.1	5111.3	6372.5	8363.0	12973.7	22955.7	40249.8	68969.2	101533.9	133929.3	167225.6
-7.5°	3949.3	4685.6	5791.1	7501.1	11058.9	18918.9	33291.3	55757.0	83754.0	111441.1	137126.1
-10°	3628.2	4228.0	5124.0	6475.1	9013.1	14505.2	24668.7	41463.6	64746.4	87547.6	107230.7
-12.5°	3326.3	3773.0	4410.2	5351.0	6915.3	10858.9	18532.9	30786.3	46338.6	63869.1	80912.6
-15°	3044.8	3375.1	3832.7	4591.4	5843.4	8182.5	12348.6	20514.4	31453.7	43690.4	55472.0
-17.5°	2786.7	3059.0	3416.1	3950.3	4726.0	6172.5	9091.0	13759.6	20364.3	29068.4	37204.5
-20°	2555.4	2802.0	3069.2	3469.4	4065.1	4916.5	6353.3	9251.6	13062.8	18549.0	23929.6



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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°	2374.3	2568.0	2775.6	3081.8	3578.4	4182.1	4896.4	6083.7	8181.5	10995.5	14182.3
-25°	2208.8	2352.2	2567.6	2897.1	3237.3	3640.0	4073.1	4549.3	5480.1	6385.1	8053.6
-27.5°	2051.5	2202.8	2427.1	2724.5	3034.8	3222.9	3499.9	3794.0	4239.3	4632.2	5296.9
-30°	1920.2	2079.1	2269.6	2520.5	2781.8	2958.9	3103.1	3315.9	3562.8	3809.2	4095.2
-32.5°	1673.5	1976.7	2108.7	2300.0	2535.3	2721.6	2849.3	3007.4	3139.3	3292.5	3447.8
-35°	1403.7	1738.0	2011.1	2134.9	2297.6	2504.8	2686.2	2813.1	2915.3	3009.9	3098.9
-37.5°	1098.3	1446.1	1744.3	1995.3	2144.2	2283.0	2475.3	2646.2	2769.1	2834.2	2892.0
-40°	982.1	1082.5	1397.6	1685.5	1909.6	2127.0	2276.9	2444.4	2586.5	2676.2	2743.4
-42.5°	962.3	1013.9	1054.5	1272.7	1544.7	1777.6	1976.0	2171.4	2345.0	2473.8	2577.7
-45°	908.5	969.9	1027.1	1067.5	1109.3	1315.3	1536.7	1752.5	1948.4	2123.8	2277.0
-47.5°	821.7	895.0	956.1	1014.7	1060.2	1096.1	1137.6	1206.4	1389.9	1570.0	1741.2
-50°	727.5	793.8	860.1	923.1	972.5	1015.9	1055.9	1090.0	1124.4	1160.5	1194.7
-52.5°	634.3	693.6	752.5	807.8	860.4	910.0	956.1	990.0	1019.0	1044.5	1063.8
-55°	560.9	605.0	648.0	694.9	741.6	785.4	825.4	862.1	895.4	925.2	948.1
-57.5°	479.9	523.1	564.2	599.3	633.5	666.5	700.5	733.0	761.7	786.6	806.8
-60°	395.3	432.2	468.8	503.3	536.2	567.2	595.1	620.7	643.9	663.8	678.6
-62.5°	313.6	342.8	375.7	405.7	432.1	457.4	486.1	512.0	534.9	554.0	568.1
-65°	251.7	272.7	296.4	319.7	342.5	367.1	392.2	414.4	433.9	449.8	462.5
-67.5°	183.5	204.0	227.0	247.9	267.2	288.0	312.0	334.0	354.1	370.3	383.4
-70°	123.7	138.3	156.5	176.0	194.9	214.7	236.5	257.5	277.7	293.0	305.5
-72.5°	74.2	83.7	93.5	106.2	119.6	135.9	154.2	172.6	190.9	204.1	214.5
-75°	36.3	40.2	48.2	55.6	62.3	71.0	80.3	89.0	97.2	103.2	108.1
-77.5°	29.4	31.3	33.1	34.9	36.6	40.4	45.0	49.7	54.6	58.4	62.1
-80°	22.6	23.8	25.0	26.3	27.7	30.6	33.8	37.0	40.2	42.6	44.9
-82.5°	15.8	16.4	17.0	17.5	18.0	20.1	22.3	24.4	26.4	28.3	30.2
-85°	10.7	10.8	11.0	11.1	11.3	13.4	15.6	17.8	20.0	21.8	23.6
-87.5°	8.5	8.6	8.6	8.6	8.7	10.5	12.2	14.0	15.6	17.3	19.0
-90°	5.1	4.7	4.3	3.8	3.4	3.0	2.6	2.1	1.7	1.3	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°	44.6	51.0	46.7	42.5	46.7	51.0	44.6	38.2	31.9	25.5	21.7
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
85°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.3
82.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.6	3.0	3.4	3.4
80°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.4	3.4	3.8
77.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.9
75°	3.8	3.4	4.2	5.1	4.2	3.4	3.8	4.2	4.6	4.8	5.1
72.5°	8.7	8.4	8.5	8.5	8.5	8.4	8.7	8.9	9.0	9.2	9.4
70°	10.1	10.1	10.2	10.2	10.2	10.1	10.1	10.1	10.1	10.7	12.1
67.5°	9.1	8.6	8.5	8.5	8.5	8.6	9.1	9.6	10.0	10.9	12.4
65°	7.0	6.9	6.8	6.8	6.8	6.9	7.0	7.2	7.6	8.8	10.6
62.5°	6.3	6.7	6.8	6.8	6.8	6.7	6.3	5.9	5.7	6.5	8.0
60°	5.2	5.2	5.1	5.1	5.1	5.2	5.2	5.2	5.1	5.6	6.5
57.5°	5.1	5.1	5.8	6.8	5.8	5.1	5.1	5.1	5.1	5.5	6.0
55°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.6	6.1
52.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.7	6.2
50°	6.5	6.7	6.8	6.8	6.8	6.7	6.5	6.3	6.2	6.4	6.6
47.5°	8.2	8.4	7.9	6.8	7.9	8.4	8.2	8.0	8.1	8.4	8.3
45°	10.6	10.4	10.2	10.2	10.2	10.4	10.6	10.6	12.6	13.3	11.4
42.5°	16.6	16.8	16.8	17.0	16.8	16.8	16.6	16.1	19.1	24.1	28.2
40°	29.4	30.1	30.2	30.6	30.2	30.1	29.4	27.9	27.0	25.3	28.4
37.5°	44.5	45.2	45.5	45.9	45.5	45.2	44.5	43.9	43.6	40.2	41.6
35°	75.0	74.8	72.3	73.1	72.3	74.8	75.0	75.3	72.7	64.5	69.7
32.5°	161.1	162.3	153.9	141.0	153.9	162.3	161.1	150.9	136.1	123.8	116.0
30°	311.3	337.9	355.8	356.8	355.8	337.9	311.3	281.1	241.0	208.7	180.6
27.5°	548.2	589.7	607.3	616.7	607.3	589.7	548.2	487.9	397.5	347.4	271.7
25°	1035.8	1130.8	1182.1	1143.4	1182.1	1130.8	1035.8	884.8	692.5	579.2	462.8
22.5°	2084.3	2266.0	2420.8	2429.4	2420.8	2266.0	2084.3	1725.3	1347.7	1012.2	783.0
20°	4922.3	4881.0	5272.5	5076.4	5272.5	4881.0	4922.3	3893.1	3152.8	2200.7	1630.2
17.5°	13961.7	15506.0	16359.6	15191.7	16359.6	15506.0	13961.7	10793.7	8982.4	6036.2	3883.0
15°	32097.4	35950.0	38556.8	38223.9	38556.8	35950.0	32097.4	26370.9	20625.5	14590.8	9068.5
12.5°	60351.3	66682.3	72078.6	71852.2	72078.6	66682.3	60351.3	52882.2	39547.4	29092.0	18868.5
10°	104540.4	115578.0	125864.5	126936.1	125864.5	115578.0	104540.4	87733.6	68869.3	49986.6	31877.5
7.5°	145252.4	170107.7	184923.6	188724.8	184923.6	170107.7	145252.4	121753.9	96176.6	71883.2	48664.4
5°	196230.7	225014.2	240585.7	241001.3	240585.7	225014.2	196230.7	157062.1	124829.1	94218.6	64254.7
2.5°	233968.8	266391.5	285511.2	300304.5	285511.2	266391.5	233968.8	188296.0	147242.1	110611.6	75430.9
0°	245192.5	273153.2	304352.1	321698.0	304352.1	273153.2	245192.5	194293.0	152334.0	114517.0	78734.5
-2.5°	230153.4	259427.8	274915.3	289024.4	274915.3	259427.8	230153.4	183906.9	146485.2	111035.3	76014.5
-5°	201583.0	232589.5	247469.7	250646.0	247469.7	232589.5	201583.0	167225.6	133929.3	101533.9	68969.2
-7.5°	160399.9	182223.4	197288.1	203196.1	197288.1	182223.4	160399.9	137126.1	111441.1	83754.0	55757.0
-10°	125534.9	139627.0	147165.7	152178.6	147165.7	139627.0	125534.9	107230.7	87547.6	64746.4	41463.6
-12.5°	94649.7	104836.7	110749.1	113322.7	110749.1	104836.7	94649.7	80912.6	63869.1	46338.6	30786.3
-15°	67371.0	75432.0	79435.5	81984.5	79435.5	75432.0	67371.0	55472.0	43690.4	31453.7	20514.4
-17.5°	46158.1	52639.6	56333.9	58736.6	56333.9	52639.6	46158.1	37204.5	29068.4	20364.3	13759.6
-20°	29533.2	33392.5	36235.1	37063.5	36235.1	33392.5	29533.2	23929.6	18549.0	13062.8	9251.6



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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°	17255.3	19527.6	20959.2	21284.0	20959.2	19527.6	17255.3	14182.3	10995.5	8181.5	6083.7
-25°	9382.1	10372.1	11123.1	11377.6	11123.1	10372.1	9382.1	8053.6	6385.1	5480.1	4549.3
-27.5°	5761.5	6144.3	6421.7	6564.6	6421.7	6144.3	5761.5	5296.9	4632.2	4239.3	3794.0
-30°	4333.5	4508.1	4612.4	4682.2	4612.4	4508.1	4333.5	4095.2	3809.2	3562.8	3315.9
-32.5°	3558.0	3636.2	3683.2	3715.5	3683.2	3636.2	3558.0	3447.8	3292.5	3139.3	3007.4
-35°	3169.3	3220.0	3254.9	3272.1	3254.9	3220.0	3169.3	3098.9	3009.9	2915.3	2813.1
-37.5°	2935.1	2967.1	2990.3	3003.7	2990.3	2967.1	2935.1	2892.0	2834.2	2769.1	2646.2
-40°	2775.5	2797.9	2816.5	2837.2	2816.5	2797.9	2775.5	2743.4	2676.2	2586.5	2444.4
-42.5°	2629.9	2663.1	2679.9	2684.3	2679.9	2663.1	2629.9	2577.7	2473.8	2345.0	2171.4
-45°	2394.4	2486.9	2543.8	2562.0	2543.8	2486.9	2394.4	2277.0	2123.8	1948.4	1752.5
-47.5°	1898.5	2036.9	2141.4	2205.2	2141.4	2036.9	1898.5	1741.2	1570.0	1389.9	1206.4
-50°	1226.7	1256.0	1267.5	1260.6	1267.5	1256.0	1226.7	1194.7	1160.5	1124.4	1090.0
-52.5°	1079.0	1090.7	1100.5	1107.7	1100.5	1090.7	1079.0	1063.8	1044.5	1019.0	990.0
-55°	966.1	979.3	991.8	1002.4	991.8	979.3	966.1	948.1	925.2	895.4	862.1
-57.5°	823.7	837.1	842.1	841.0	842.1	837.1	823.7	806.8	786.6	761.7	733.0
-60°	690.8	700.3	707.5	711.8	707.5	700.3	690.8	678.6	663.8	643.9	620.7
-62.5°	579.3	587.6	596.9	604.8	596.9	587.6	579.3	568.1	554.0	534.9	512.0
-65°	473.1	481.9	488.9	494.4	488.9	481.9	473.1	462.5	449.8	433.9	414.4
-67.5°	395.2	405.5	413.4	419.6	413.4	405.5	395.2	383.4	370.3	354.1	334.0
-70°	317.1	327.4	333.7	338.1	333.7	327.4	317.1	305.5	293.0	277.7	257.5
-72.5°	223.5	231.0	234.5	236.1	234.5	231.0	223.5	214.5	204.1	190.9	172.6
-75°	112.3	115.9	119.4	122.3	119.4	115.9	112.3	108.1	103.2	97.2	89.0
-77.5°	65.7	69.2	71.3	73.1	71.3	69.2	65.7	62.1	58.4	54.6	49.7
-80°	47.0	49.0	50.9	52.7	50.9	49.0	47.0	44.9	42.6	40.2	37.0
-82.5°	32.1	33.9	34.8	35.7	34.8	33.9	32.1	30.2	28.3	26.4	24.4
-85°	25.4	27.1	28.0	28.9	28.0	27.1	25.4	23.6	21.8	20.0	17.8
-87.5°	20.6	22.2	23.0	23.8	23.0	22.2	20.6	19.0	17.3	15.6	14.0
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	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°	17.8	14.0	10.2	9.8	9.3	8.9	8.5	8.1	7.7	7.2	6.8
87.5°	2.6	3.0	3.4	3.8	4.3	4.7	5.1	5.1	5.1	5.1	5.1
85°	3.3	3.3	3.4	3.8	4.3	4.7	5.1	5.1	5.1	5.1	5.1
82.5°	3.4	3.4	3.4	3.9	4.3	4.7	5.1	5.3	5.4	5.4	5.3
80°	4.1	4.3	4.5	4.5	4.7	4.9	5.2	5.6	6.0	6.4	6.5
77.5°	4.3	4.8	5.1	5.3	5.4	5.4	5.3	5.6	6.1	6.5	6.8
75°	5.4	5.7	6.1	6.7	6.9	6.8	6.6	6.5	6.5	6.6	6.8
72.5°	9.6	9.5	10.0	11.0	11.4	12.0	11.9	11.0	9.7	8.0	6.8
70°	13.3	14.3	16.3	19.2	21.3	22.2	21.8	20.2	17.4	15.2	12.2
67.5°	14.1	16.0	19.1	22.8	25.6	28.4	31.0	33.2	32.2	29.1	21.0
65°	12.5	14.4	16.8	19.6	23.2	27.8	34.0	37.8	39.8	40.3	33.5
62.5°	9.7	11.6	12.9	14.8	17.6	22.1	29.6	36.3	42.3	44.1	37.5
60°	7.5	8.5	9.4	10.6	12.1	16.3	24.0	32.1	40.6	40.8	37.8
57.5°	6.5	7.1	7.8	8.3	8.5	11.9	18.0	26.1	34.9	34.8	33.7
55°	6.6	7.1	7.6	8.1	8.5	9.8	12.4	17.7	25.0	26.8	26.6
52.5°	6.7	7.2	7.7	8.2	8.5	8.9	9.7	12.8	15.5	18.4	19.6
50°	6.9	7.4	7.9	8.4	8.7	8.6	8.9	9.8	11.3	13.1	14.3
47.5°	8.3	8.3	8.2	8.6	9.2	9.4	9.1	8.9	10.0	10.4	11.6
45°	11.4	10.8	9.8	10.2	10.3	10.5	10.4	10.9	10.6	10.7	10.2
42.5°	24.1	17.9	14.0	15.2	14.3	13.6	13.0	14.0	13.5	12.2	13.1
40°	33.9	37.3	31.6	26.7	24.4	20.1	19.6	18.6	17.9	15.7	18.1
37.5°	41.8	40.8	49.2	51.1	43.2	36.1	31.0	27.0	24.0	24.5	26.0
35°	67.4	65.0	67.6	71.1	69.3	63.2	50.5	40.1	34.9	35.6	35.6
32.5°	108.3	104.0	98.3	97.9	101.6	98.1	82.5	61.9	53.4	50.1	47.2
30°	162.9	154.2	140.7	139.1	146.4	138.4	121.7	107.2	88.7	67.4	60.8
27.5°	253.1	222.1	202.3	209.0	207.0	192.7	180.3	165.6	134.1	101.1	81.7
25°	405.6	346.1	322.1	310.8	289.5	276.9	257.6	231.9	194.6	152.9	133.9
22.5°	622.7	572.0	507.6	440.6	443.9	421.1	359.1	305.5	291.9	292.2	230.9
20°	1132.5	957.7	787.7	763.9	728.7	620.5	493.2	484.9	532.1	488.8	361.1
17.5°	2630.3	1814.1	1454.0	1362.0	1168.5	930.8	889.0	844.8	818.0	732.5	516.7
15°	5074.6	3712.2	2757.8	2251.3	1842.1	1603.8	1484.2	1256.1	1148.3	1003.5	748.5
12.5°	11354.4	6957.3	4234.2	3430.2	2827.5	2390.9	2141.5	1797.7	1523.7	1348.9	1095.1
10°	19104.7	11703.4	7051.3	4986.9	3969.6	3253.1	2751.4	2294.3	1919.5	1717.2	1451.9
7.5°	29845.4	17707.2	10238.4	6538.3	5014.5	3966.7	3249.0	2725.0	2301.5	2076.1	1811.6
5°	38490.8	22345.7	12326.9	7765.8	5922.1	4660.0	3751.4	3114.0	2669.4	2424.7	2164.5
2.5°	43706.2	24856.2	13731.4	8865.1	6711.1	5249.9	4187.0	3407.8	2931.4	2627.8	2344.1
0°	46759.2	26810.6	15115.2	9384.8	7143.9	5591.1	4508.9	3622.1	3137.9	2793.0	2499.1
-2.5°	44852.2	26458.0	14634.3	9074.1	6850.3	5442.8	4464.1	3688.3	3214.5	2849.9	2505.9
-5°	40249.8	22955.7	12973.7	8363.0	6372.5	5111.3	4260.1	3622.5	3195.8	2859.3	2480.6
-7.5°	33291.3	18918.9	11058.9	7501.1	5791.1	4685.6	3949.3	3404.3	3003.0	2709.8	2326.9
-10°	24668.7	14505.2	9013.1	6475.1	5124.0	4228.0	3628.2	3156.1	2806.5	2554.2	2149.5
-12.5°	18532.9	10858.9	6915.3	5351.0	4410.2	3773.0	3326.3	2894.7	2611.9	2396.4	1953.1
-15°	12348.6	8182.5	5843.4	4591.4	3832.7	3375.1	3044.8	2675.7	2465.6	2246.1	1741.1
-17.5°	9091.0	6172.5	4726.0	3950.3	3416.1	3059.0	2786.7	2519.4	2316.4	2056.0	1515.8
-20°	6353.3	4916.5	4065.1	3469.4	3069.2	2802.0	2555.4	2354.9	2151.1	1788.9	1287.6



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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°	4896.4	4182.1	3578.4	3081.8	2775.6	2568.0	2374.3	2191.7	1971.3	1507.0	1064.3
-25°	4073.1	3640.0	3237.3	2897.1	2567.6	2352.2	2208.8	2036.1	1700.3	1240.6	874.8
-27.5°	3499.9	3222.9	3034.8	2724.5	2427.1	2202.8	2051.5	1860.6	1433.9	1038.2	837.6
-30°	3103.1	2958.9	2781.8	2520.5	2269.6	2079.1	1920.2	1574.5	1198.0	881.2	817.8
-32.5°	2849.3	2721.6	2535.3	2300.0	2108.7	1976.7	1673.5	1303.1	961.9	858.9	790.0
-35°	2686.2	2504.8	2297.6	2134.9	2011.1	1738.0	1403.7	1050.3	894.7	830.7	757.6
-37.5°	2475.3	2283.0	2144.2	1995.3	1744.3	1446.1	1098.3	939.9	869.6	793.5	715.0
-40°	2276.9	2127.0	1909.6	1685.5	1397.6	1082.5	982.1	921.0	836.2	748.6	665.8
-42.5°	1976.0	1777.6	1544.7	1272.7	1054.5	1013.9	962.3	878.8	790.5	697.8	614.5
-45°	1536.7	1315.3	1109.3	1067.5	1027.1	969.9	908.5	819.1	726.7	641.2	560.7
-47.5°	1137.6	1096.1	1060.2	1014.7	956.1	895.0	821.7	741.2	658.2	580.3	516.7
-50°	1055.9	1015.9	972.5	923.1	860.1	793.8	727.5	660.7	590.1	528.9	468.3
-52.5°	956.1	910.0	860.4	807.8	752.5	693.6	634.3	585.4	530.9	472.1	414.3
-55°	825.4	785.4	741.6	694.9	648.0	605.0	560.9	514.6	464.6	410.1	358.3
-57.5°	700.5	666.5	633.5	599.3	564.2	523.1	479.9	436.7	393.9	345.8	301.1
-60°	595.1	567.2	536.2	503.3	468.8	432.2	395.3	357.5	319.2	287.7	255.0
-62.5°	486.1	457.4	432.1	405.7	375.7	342.8	313.6	289.0	263.8	236.4	204.7
-65°	392.2	367.1	342.5	319.7	296.4	272.7	251.7	228.8	204.5	179.4	151.5
-67.5°	312.0	288.0	267.2	247.9	227.0	204.0	183.5	163.1	145.1	127.0	104.9
-70°	236.5	214.7	194.9	176.0	156.5	138.3	123.7	109.4	94.0	80.1	65.4
-72.5°	154.2	135.9	119.6	106.2	93.5	83.7	74.2	64.1	53.5	42.4	34.1
-75°	80.3	71.0	62.3	55.6	48.2	40.2	36.3	34.4	32.3	30.0	27.4
-77.5°	45.0	40.4	36.6	34.9	33.1	31.3	29.4	27.5	25.6	23.8	22.1
-80°	33.8	30.6	27.7	26.3	25.0	23.8	22.6	21.2	19.9	18.7	17.7
-82.5°	22.3	20.1	18.0	17.5	17.0	16.4	15.8	15.2	14.8	14.4	14.2
-85°	15.6	13.4	11.3	11.1	11.0	10.8	10.7	10.8	10.8	10.7	10.6
-87.5°	12.2	10.5	8.7	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.0
-90°	2.6	3.0	3.4	3.8	4.3	4.7	5.1	5.1	5.1	5.1	5.1



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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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	5.4	5.6	5.9	6.1	6.2	6.4	6.6	6.8	6.8	6.8	6.8
85°	5.5	6.0	6.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	5.6	6.0	6.4	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.4	6.5	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	7.0	7.3	7.3	7.1	6.8	6.8	6.8	6.8
70°	9.3	7.2	6.8	6.9	7.3	7.8	7.8	7.4	6.8	6.8	6.8
67.5°	13.7	10.5	8.2	7.0	7.0	7.5	8.3	8.0	7.4	6.8	6.8
65°	24.0	16.1	10.0	8.3	7.2	7.0	7.6	8.3	8.0	7.4	6.8
62.5°	30.9	23.6	16.1	10.7	7.9	7.0	7.0	7.9	8.4	7.9	7.1
60°	34.0	27.2	21.7	16.0	10.4	7.2	6.9	7.5	8.2	8.4	7.6
57.5°	31.1	29.0	24.8	20.2	14.7	9.2	7.0	7.4	8.0	8.4	8.0
55°	26.3	25.5	26.1	22.6	18.0	12.6	8.2	7.5	7.9	8.4	8.5
52.5°	19.5	22.4	24.8	24.0	20.0	15.6	10.8	7.6	8.0	8.3	8.5
50°	14.4	18.6	23.3	24.3	21.6	17.3	13.0	9.2	8.1	8.4	8.6
47.5°	13.3	16.8	20.7	24.6	23.1	18.9	14.6	10.6	8.2	8.5	8.7
45°	13.7	16.7	19.5	22.9	24.5	20.1	16.0	11.7	9.0	8.7	8.9
42.5°	15.2	17.8	19.9	21.9	23.5	21.0	17.3	12.8	9.6	8.9	9.1
40°	19.7	20.0	21.1	23.1	22.7	21.6	17.9	13.9	9.9	9.3	9.3
37.5°	25.6	24.6	23.9	26.5	23.6	21.5	18.2	14.9	11.0	10.0	9.6
35°	34.2	31.2	29.8	31.9	28.5	22.1	18.1	15.5	12.8	10.7	9.9
32.5°	44.1	42.1	40.3	38.1	35.3	23.3	18.6	17.0	14.6	11.5	10.2
30°	59.2	61.5	53.1	45.2	42.9	29.6	21.0	18.8	16.5	12.3	10.7
27.5°	92.5	87.0	69.5	56.5	49.6	38.1	26.1	21.0	18.4	13.4	11.3
25°	135.5	120.9	94.6	70.4	56.9	61.8	32.2	23.7	20.3	15.0	12.0
22.5°	187.4	162.4	123.8	85.6	89.7	92.6	45.3	28.5	22.3	16.6	12.7
20°	245.9	210.0	167.0	142.4	131.1	122.0	68.0	33.9	24.5	18.1	13.3
17.5°	319.6	299.1	271.3	216.6	178.2	154.5	94.6	39.7	26.7	19.6	14.0
15°	523.3	436.2	386.8	299.6	228.6	189.5	124.2	45.7	29.1	21.1	14.7
12.5°	769.0	576.0	510.7	389.3	281.4	226.2	155.7	51.9	31.5	22.8	15.6
10°	1032.0	717.4	640.3	483.5	335.7	264.2	188.2	59.4	35.5	24.5	16.6
7.5°	1303.8	859.5	772.7	579.6	389.7	302.0	224.0	70.0	39.9	26.2	17.6
5°	1548.8	979.3	878.7	661.3	438.1	338.3	258.8	80.5	44.3	27.8	18.6
2.5°	1666.8	1063.1	962.9	736.6	484.6	373.1	291.0	90.7	48.7	29.3	19.5
0°	1760.1	1143.4	1039.7	805.3	528.4	406.0	319.4	100.2	52.7	30.6	20.4
-2.5°	1769.1	1141.4	1029.4	804.3	544.0	419.1	325.4	114.8	64.8	38.8	24.3
-5°	1750.8	1134.8	1012.3	796.3	555.9	429.6	327.0	128.2	76.3	46.7	28.1
-7.5°	1647.6	1097.1	979.1	780.5	564.2	437.0	324.7	140.5	87.0	54.1	31.5
-10°	1506.3	1039.9	926.0	745.0	555.0	436.0	318.9	151.5	96.8	60.6	34.5
-12.5°	1341.7	981.4	872.3	706.9	540.3	427.9	308.7	161.6	105.5	66.3	37.0
-15°	1154.9	922.7	819.8	667.5	523.0	418.2	297.2	170.2	113.6	71.5	39.0
-17.5°	953.2	864.4	770.1	628.2	503.4	407.2	285.3	177.2	120.5	76.4	41.2
-20°	892.1	819.2	723.4	589.9	481.5	395.3	273.7	182.3	126.1	80.0	43.2



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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°	857.1	783.2	682.2	560.3	460.9	382.5	262.8	185.5	130.5	82.3	44.3
-25°	823.1	746.9	642.8	534.3	444.0	364.1	258.8	186.8	133.5	83.3	44.4
-27.5°	784.2	708.2	603.5	506.4	427.8	348.8	259.0	189.4	134.8	82.7	43.4
-30°	744.0	663.7	569.0	479.3	410.0	330.3	256.7	190.3	133.9	81.3	41.3
-32.5°	711.1	620.7	534.3	458.0	388.5	310.8	247.0	189.4	130.8	78.7	39.7
-35°	671.3	582.5	499.2	435.2	365.2	294.8	233.9	186.7	125.7	74.4	37.7
-37.5°	628.5	544.4	472.9	410.1	341.1	276.5	221.9	174.2	118.4	68.5	34.7
-40°	584.1	508.1	445.7	383.1	318.1	256.1	208.3	158.8	109.8	60.9	30.7
-42.5°	537.7	475.3	414.2	354.8	293.5	239.2	192.6	141.7	96.5	54.1	25.7
-45°	498.8	438.7	379.3	323.0	267.8	220.6	172.0	123.5	81.6	47.2	22.0
-47.5°	456.0	397.5	342.2	289.1	244.9	199.0	149.6	105.5	65.7	39.0	20.9
-50°	408.0	354.2	303.1	258.7	218.8	172.2	126.2	86.3	54.2	28.8	19.6
-52.5°	359.6	309.7	267.0	228.7	187.2	143.5	103.4	66.7	42.2	24.2	18.1
-55°	309.2	269.0	232.7	193.9	153.4	115.7	79.3	52.6	29.7	22.0	16.5
-57.5°	265.6	230.5	193.7	156.1	120.8	87.3	59.8	38.0	24.8	19.7	15.5
-60°	221.9	186.6	151.8	119.7	88.6	63.0	43.0	26.9	22.1	17.5	14.3
-62.5°	172.7	141.4	112.1	83.7	61.9	43.8	28.2	23.8	19.4	16.1	13.1
-65°	126.0	99.5	73.1	56.9	40.6	28.3	24.7	20.7	17.5	14.7	12.0
-67.5°	81.6	64.4	48.1	33.4	27.7	24.4	21.1	18.4	15.8	13.2	11.1
-70°	50.4	36.0	29.3	26.3	23.4	20.7	18.7	16.5	14.1	12.2	10.2
-72.5°	30.8	27.5	24.4	21.7	20.0	18.3	16.5	14.7	12.9	11.1	9.3
-75°	24.6	22.5	20.6	19.0	17.4	15.9	14.6	13.4	11.7	10.1	9.0
-77.5°	20.4	18.9	17.5	16.2	15.0	13.9	13.0	12.1	10.6	9.6	8.9
-80°	16.6	15.6	14.4	13.3	12.6	11.9	11.4	10.7	9.8	9.1	8.7
-82.5°	13.3	12.4	11.6	10.9	10.6	10.2	9.8	9.4	8.9	8.5	8.3
-85°	10.1	9.7	9.3	9.0	8.8	8.5	8.4	8.2	8.1	8.0	7.8
-87.5°	7.9	7.9	7.8	7.8	7.7	7.6	7.6	7.5	7.5	7.4	7.3
-90°	5.1	5.1	5.1	5.1	5.5	6.0	6.4	6.8	6.8	6.8	6.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
80°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
75°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
70°	6.8	6.8	6.8	6.8	6.8	6.8	6.8
67.5°	6.9	6.8	6.8	6.8	6.8	6.8	6.8
65°	6.9	6.9	6.8	6.8	6.8	6.8	6.8
62.5°	7.0	7.0	6.8	6.8	6.8	6.8	6.8
60°	7.1	7.1	6.8	6.8	6.8	6.8	6.8
57.5°	7.4	7.3	7.0	6.8	6.8	6.8	6.8
55°	7.8	7.5	7.1	6.8	6.8	6.8	6.8
52.5°	8.1	7.7	7.3	6.8	6.9	6.8	6.8
50°	8.3	7.9	7.5	6.8	6.9	6.8	6.8
47.5°	8.5	8.0	7.7	6.8	7.0	6.8	6.8
45°	8.7	8.2	7.9	7.0	7.0	6.8	6.8
42.5°	8.8	8.3	8.1	7.2	7.1	6.8	6.8
40°	9.0	8.4	8.3	7.3	7.1	6.8	6.8
37.5°	9.2	8.5	8.3	7.5	7.2	6.8	6.8
35°	9.5	8.6	8.4	7.7	7.3	6.8	6.8
32.5°	9.7	8.8	8.5	7.9	7.3	6.8	6.8
30°	10.0	9.0	8.5	8.0	7.4	6.8	6.8
27.5°	10.3	9.2	8.5	8.1	7.5	6.8	6.8
25°	10.6	9.4	8.5	8.2	7.6	6.8	6.8
22.5°	10.9	9.5	8.5	8.3	7.7	6.8	6.8
20°	11.2	9.7	8.5	8.3	7.8	6.8	6.8
17.5°	11.4	9.8	8.5	8.4	7.9	6.8	6.8
15°	11.5	9.9	8.5	8.4	8.0	6.8	6.8
12.5°	11.7	10.0	8.5	8.5	8.1	6.8	6.8
10°	11.7	10.1	8.5	8.5	8.2	6.8	6.8
7.5°	11.8	10.1	8.5	8.5	8.3	6.8	6.8
5°	11.9	10.2	8.5	8.5	8.3	6.8	6.8
2.5°	11.9	10.2	8.5	8.5	8.4	6.8	6.8
0°	11.9	10.2	8.5	8.5	8.5	6.8	6.8
-2.5°	13.5	10.6	8.6	8.5	8.5	6.8	6.8
-5°	15.0	10.9	8.8	8.5	8.5	6.8	6.8
-7.5°	16.4	11.2	8.9	8.5	8.5	6.8	6.8
-10°	17.7	11.5	9.1	8.5	8.4	6.8	6.8
-12.5°	18.7	11.8	9.2	8.5	8.4	6.8	6.8
-15°	19.6	11.9	9.3	8.5	8.4	6.8	6.8
-17.5°	20.2	12.1	9.3	8.5	8.3	6.8	6.8
-20°	20.7	12.2	9.4	8.5	8.3	6.8	6.8



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.4	12.2	9.4	8.5	8.2	6.8	6.8
-25°	21.5	12.3	9.4	8.5	8.2	6.8	6.8
-27.5°	21.0	12.4	9.4	8.5	8.1	6.8	6.8
-30°	20.0	12.4	9.3	8.5	8.0	6.8	6.8
-32.5°	18.2	12.3	9.3	8.5	8.0	6.8	6.8
-35°	17.5	12.1	9.3	8.5	7.9	6.8	6.8
-37.5°	17.2	11.9	9.2	8.5	7.8	6.8	6.8
-40°	16.8	11.8	9.1	8.5	7.7	6.8	6.8
-42.5°	16.2	11.6	9.1	8.5	7.6	6.8	6.8
-45°	15.5	11.4	9.1	8.5	7.5	6.8	6.8
-47.5°	14.6	11.1	9.1	8.5	7.4	6.8	6.8
-50°	14.0	10.7	9.0	8.4	7.3	6.8	6.8
-52.5°	13.4	10.3	8.9	8.2	7.2	6.8	6.8
-55°	12.8	10.0	8.8	8.1	7.0	6.8	6.8
-57.5°	12.0	9.8	8.7	7.9	6.9	6.8	6.8
-60°	11.2	9.5	8.5	7.8	6.8	6.8	6.8
-62.5°	10.6	9.1	8.3	7.6	6.8	6.8	6.8
-65°	10.0	8.7	8.2	7.5	6.8	6.8	6.8
-67.5°	9.3	8.4	8.0	7.3	6.8	6.8	6.8
-70°	8.6	8.3	7.9	7.2	6.8	6.8	6.8
-72.5°	8.5	8.2	7.8	7.1	6.8	6.8	6.8
-75°	8.5	8.1	7.6	7.1	6.8	6.8	6.8
-77.5°	8.5	8.1	7.5	7.1	6.8	6.8	6.8
-80°	8.5	7.9	7.4	7.0	6.8	6.8	6.8
-82.5°	8.1	7.6	7.2	7.0	6.8	6.8	6.8
-85°	7.7	7.3	7.1	6.9	6.8	6.8	6.8
-87.5°	7.2	7.1	6.9	6.9	6.8	6.8	6.8
-90°	6.8	6.8	6.8	6.8	6.8	6.8	6.8

(END OF REPORT)