

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: P1306404 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-2S-VHE-A**

Issue Date: 2/3/2026

Test Information

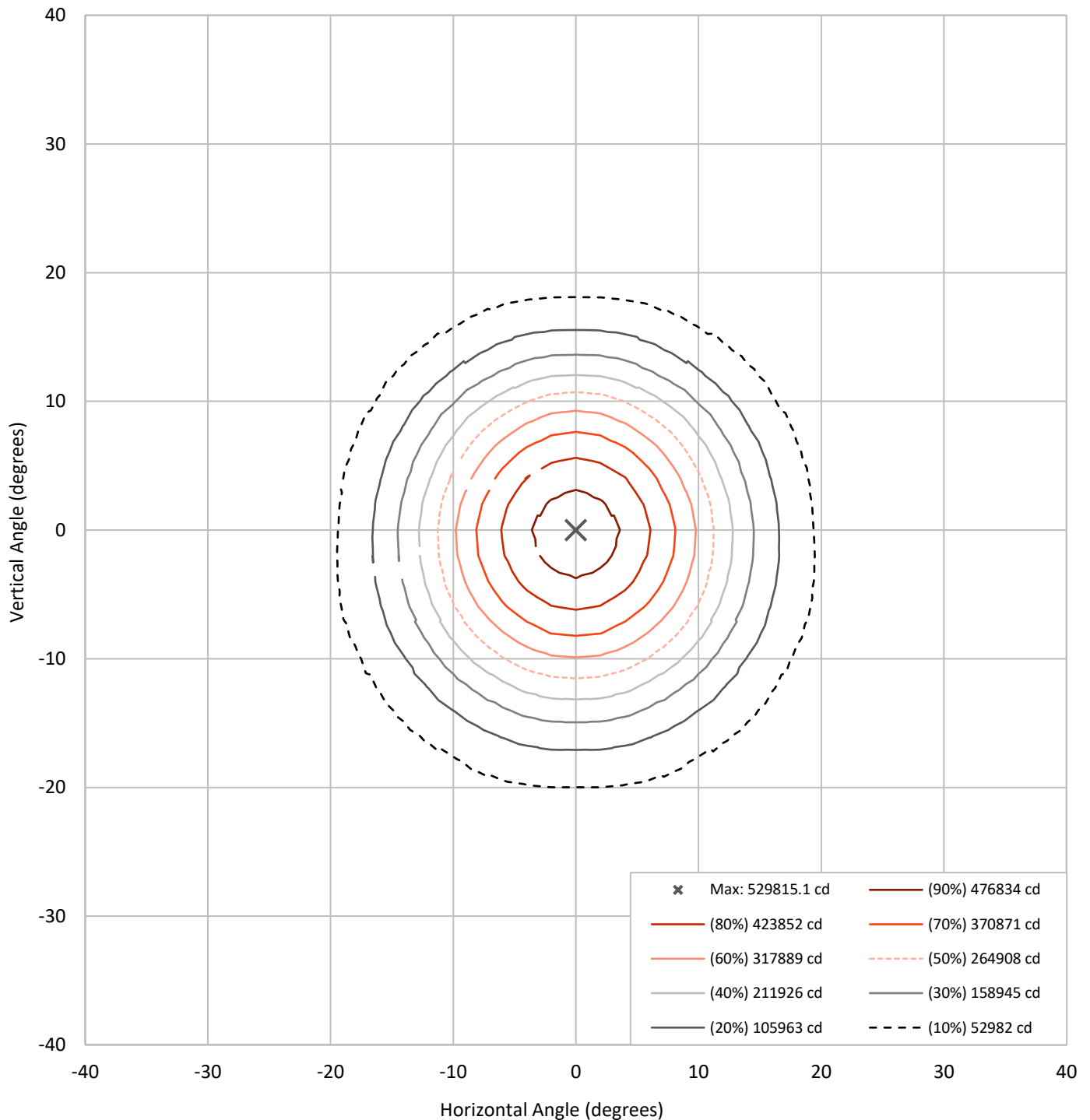
Test Method: LM-79-08
Report Number: P1306404 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-2)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-680N-57-80-2S-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 2S 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:	92603.8 lumens	Max Intensity:	529815.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.5°H x 22.2°V	Field Angle (10%):	38.8°H x 38.1°V
Beam Lumens:	43272.2 lumens	Field Lumens:	77088.6 lumens
Beam Efficiency:	46.7%	Field Efficiency:	83.2%
Input Watts (W):	711		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





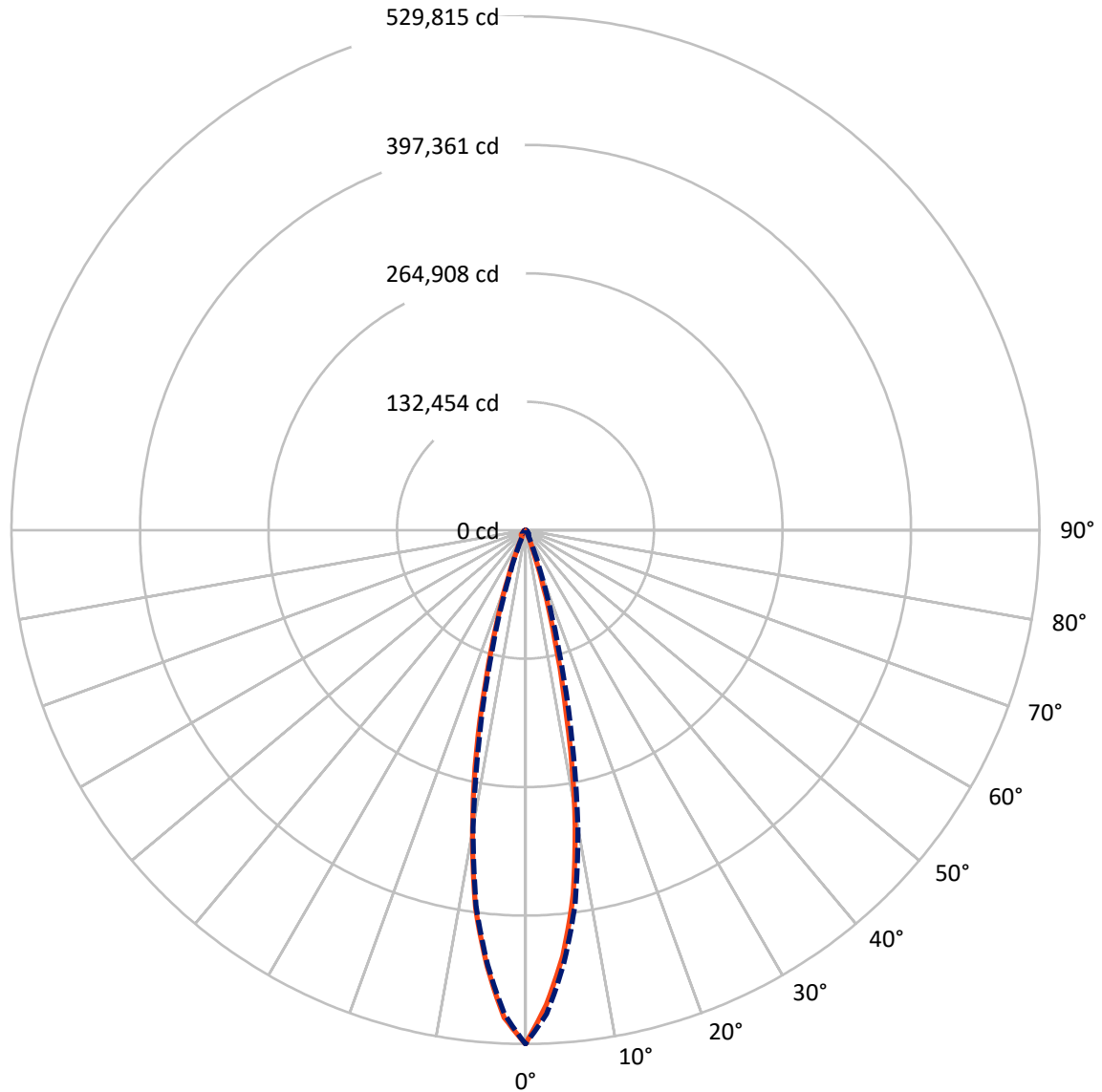
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Lumen Table

90	0.2	0.7	1.4	2.0	2.4	2.0	1.4	0.7	0.2										
80	0.2	0.7	1.4	2.0	2.4	2.0	1.4	0.7	0.2										
70	0.2	0.1	0.2	0.7	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.2	0.1	0.2			
60		0.3	0.8	1.1	0.9	0.8	0.9	1.1	1.1	0.9	0.8	0.9	1.1	0.8	0.3				
50	0.7	1.1	2.7	5.5	9.7	16.0	24.4	28.8	28.8	24.4	16.0	9.7	5.5	2.7	1.1	0.7			
40		2.8	9.1	17.6	34.5	60.0	73.0	80.9	80.9	73.0	60.0	34.5	17.6	9.1	2.8				
30	1.8	4.9	15.1	32.2	78.7	91.5	126.3	230.7	230.7	126.3	91.5	78.7	32.2	15.1	4.9	1.8			
20		6.6	19.7	56.4	110.9	163.0	1034.0	3335.1	3335.1	1034.0	163.0	110.9	56.4	19.7	6.6				
10	2.7	8.0	22.7	73.7	127.1	364.5	3663.2	11012.1	11012.1	3663.2	364.5	127.1	73.7	22.7	8.0	2.7			
0		8.8	25.0	77.8	139.8	417.9	3989.4	11452.1	11452.1	3989.4	417.9	139.8	77.8	25.0	8.8				
-10	2.9	8.9	26.1	75.0	147.1	239.2	1462.1	4283.2	4283.2	1462.1	239.2	147.1	75.0	26.1	8.9	2.9			
-20		8.2	25.7	57.3	138.7	190.2	264.2	528.5	528.5	264.2	190.2	138.7	57.3	25.7	8.2				
-30	2.4	6.9	22.4	44.8	97.0	170.8	200.1	209.8	209.8	200.1	170.8	97.0	44.8	22.4	6.9	2.4			
-40		5.3	17.0	36.3	57.9	88.9	135.2	169.8	169.8	135.2	88.9	57.9	36.3	17.0	5.3				
-50	1.9	3.5	10.8	23.8	40.5	54.8	65.4	72.2	72.2	65.4	54.8	40.5	23.8	10.8	3.5	1.9			
-60		2.3	5.5	11.9	20.7	29.0	36.5	41.1	41.1	36.5	29.0	20.7	11.9	5.5	2.3				
-70	1.4	8.5	20.6	34.3	42.0	34.3	20.6	8.5	1.4						1.4				
-80		8.5	20.6	34.3	42.0	34.3	20.6	8.5	1.4										
-90	1.4	8.5	20.6	34.3	42.0	34.3	20.6	8.5	1.4										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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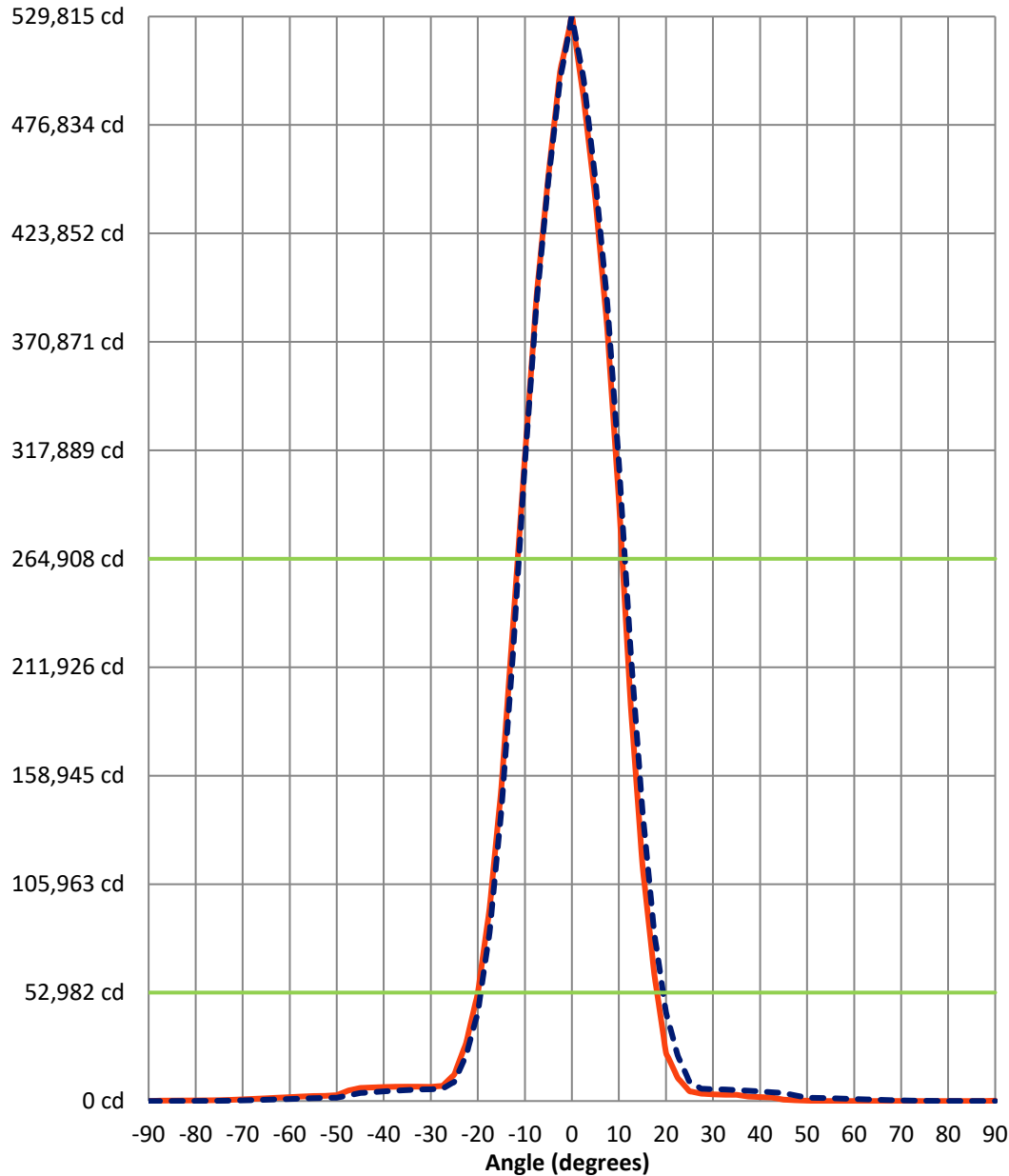
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 22.5°
V Angle: 22.2°
Lumens: 43272.2
Efficiency: 46.7%

Field:
H Angle: 38.8°
V Angle: 38.1°
Lumens: 77088.6
Efficiency: 83.2%

Spill:
Lumens: 15515.2
Efficiency: 16.8%

— 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°	5.4	11.3	17.3	29.7	42.2	53.0	63.8	71.9	80.0	86.5	93.0
87.5°	5.4	5.5	5.6	5.6	5.6	5.6	5.7	5.6	5.4	5.4	5.4
85°	5.4	5.7	5.8	5.8	5.8	5.9	6.0	5.7	5.4	5.4	5.4
82.5°	5.4	5.8	6.0	6.0	6.0	6.1	6.3	5.9	5.5	5.6	5.7
80°	5.4	6.0	6.2	6.3	6.2	6.3	6.5	6.3	6.2	6.3	6.2
77.5°	5.4	6.1	6.4	6.5	6.4	6.6	6.8	6.8	7.0	7.0	6.7
75°	5.4	6.3	6.6	6.7	6.6	7.0	7.1	7.3	7.6	7.5	7.2
72.5°	5.4	6.4	6.8	7.0	7.0	7.4	7.5	7.7	8.1	8.0	7.7
70°	5.4	6.5	7.0	7.2	7.4	7.8	7.9	8.3	8.5	8.4	8.3
67.5°	5.4	6.7	7.2	7.5	7.8	8.2	8.5	8.8	9.0	9.2	9.0
65°	5.4	6.8	7.4	7.8	8.2	8.7	9.1	9.4	10.1	10.0	10.0
62.5°	5.4	7.0	7.6	8.0	8.6	9.3	9.8	10.5	11.3	11.1	11.7
60°	5.4	7.1	7.9	8.3	8.9	10.0	10.5	12.0	12.7	13.4	13.6
57.5°	5.4	7.2	8.2	8.6	9.7	10.6	12.2	13.7	15.4	16.1	18.1
55°	5.4	7.4	8.5	8.9	10.4	11.3	14.3	15.7	18.5	20.0	24.3
52.5°	5.4	7.5	8.8	9.1	11.2	12.2	16.4	19.1	22.0	27.6	31.0
50°	5.4	7.6	9.2	9.4	12.1	14.5	18.7	22.8	26.9	35.8	44.4
47.5°	5.4	7.8	9.6	9.8	13.0	16.9	21.3	26.6	35.2	44.7	60.4
45°	5.4	7.9	10.0	10.5	14.0	19.3	24.8	30.6	44.4	60.7	77.8
42.5°	5.4	8.0	10.5	11.3	15.0	21.8	28.3	37.3	54.2	77.9	105.8
40°	5.4	8.2	10.9	12.3	16.6	24.4	32.0	46.2	66.7	96.3	137.6
37.5°	5.4	8.3	11.4	13.6	18.6	27.1	36.1	55.5	84.6	120.0	171.6
35°	5.4	8.4	11.9	15.0	20.6	30.2	40.2	65.0	103.4	151.8	209.7
32.5°	5.4	8.6	12.5	16.3	22.7	33.5	45.6	74.9	123.0	184.1	250.2
30°	5.4	8.7	13.0	17.8	24.7	36.8	53.6	86.2	143.3	216.8	288.6
27.5°	5.4	8.8	13.6	19.2	27.3	40.1	61.5	101.2	164.3	249.6	325.1
25°	5.4	8.9	14.1	20.7	29.9	43.4	69.3	115.4	186.2	280.8	359.8
22.5°	5.4	9.0	14.7	22.1	32.5	46.7	77.0	128.8	206.3	301.9	397.3
20°	5.4	9.1	15.3	23.6	34.9	50.2	84.4	141.2	224.8	321.4	426.5
17.5°	5.4	9.2	15.9	25.1	37.3	53.5	91.1	152.8	241.5	339.4	454.2
15°	5.4	9.3	16.4	26.6	39.5	56.8	97.2	163.0	256.4	355.7	480.7
12.5°	5.4	9.4	17.0	28.0	41.7	59.8	102.8	171.7	270.4	370.4	505.9
10°	5.4	9.5	17.5	29.5	43.7	62.7	107.8	179.4	283.8	388.5	531.8
7.5°	5.4	9.5	18.1	30.8	45.7	65.4	112.2	186.1	295.8	406.0	561.3
5°	5.4	9.6	18.6	32.2	47.5	67.9	116.1	191.8	306.3	422.1	588.4
2.5°	5.4	9.7	19.1	33.4	49.2	70.3	119.4	196.4	315.2	436.4	612.7
0°	5.4	9.7	19.5	34.6	50.8	72.4	122.2	200.0	322.2	448.7	633.6
-2.5°	5.4	10.1	20.5	36.1	53.0	75.4	126.1	207.3	332.0	461.7	644.6
-5°	5.4	10.5	21.5	37.6	55.1	78.2	129.4	213.4	339.8	472.2	652.0
-7.5°	5.4	10.9	22.4	38.9	57.1	80.8	132.1	218.1	345.5	480.2	656.0
-10°	5.4	11.3	23.3	40.1	58.9	83.1	134.1	221.4	348.9	485.6	656.7
-12.5°	5.4	11.7	24.2	41.3	60.5	85.1	135.4	223.1	350.0	487.7	655.9
-15°	5.4	12.0	24.9	42.3	62.0	86.9	136.1	223.1	347.4	483.8	651.4
-17.5°	5.4	12.4	25.6	43.3	63.3	88.4	136.1	220.8	341.0	477.0	641.7
-20°	5.4	12.7	26.3	44.1	64.4	89.7	135.5	216.6	332.4	467.3	626.7



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 CATALOG NUMBER: EPH-08-680N-57-80-2S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.4	13.0	26.9	44.9	65.4	90.6	134.5	211.0	321.6	454.7	606.7
-25°	5.4	13.3	27.4	45.5	66.1	91.4	132.7	203.9	308.7	439.1	587.1
-27.5°	5.4	13.5	27.8	46.0	66.7	92.0	130.0	195.4	293.7	426.3	573.3
-30°	5.4	13.7	28.2	46.4	67.1	92.3	126.6	185.5	281.7	411.9	556.1
-32.5°	5.4	13.9	28.5	46.7	67.6	92.3	122.3	179.3	271.6	394.3	535.2
-35°	5.4	14.1	28.7	46.9	67.9	92.0	120.6	174.0	259.0	373.6	510.4
-37.5°	5.4	14.3	28.9	47.0	68.1	91.7	119.9	167.9	243.9	349.8	483.6
-40°	5.4	14.4	28.9	47.0	68.0	91.6	118.9	160.4	226.3	328.3	453.6
-42.5°	5.4	14.5	28.9	46.9	68.0	91.3	117.5	151.4	212.9	305.3	419.4
-45°	5.4	14.5	28.8	46.9	67.9	90.8	115.6	144.6	201.0	279.2	382.5
-47.5°	5.4	14.6	28.6	46.7	67.7	90.1	113.3	141.8	187.2	250.4	349.6
-50°	5.4	14.6	28.4	46.5	67.3	89.1	111.8	138.6	171.7	232.5	313.1
-52.5°	5.4	14.6	28.0	46.1	66.7	88.0	110.2	134.7	163.6	212.8	274.2
-55°	5.4	14.5	27.6	45.7	65.9	86.8	108.3	130.7	158.4	191.4	248.2
-57.5°	5.4	14.5	27.1	45.1	65.0	85.3	106.1	128.0	152.6	181.1	220.8
-60°	5.4	14.3	26.6	44.3	63.9	83.7	103.7	125.0	146.8	173.6	198.3
-62.5°	5.4	14.2	26.2	43.5	62.6	81.7	101.1	121.5	142.6	165.1	188.1
-65°	5.4	14.1	25.6	42.5	61.2	79.6	98.3	117.8	137.8	158.1	177.3
-67.5°	5.4	13.9	25.1	41.4	59.6	77.2	95.1	113.8	132.6	151.3	168.4
-70°	5.4	13.7	24.4	40.2	57.8	74.7	91.7	109.5	127.6	144.1	160.1
-72.5°	5.4	13.5	23.7	39.1	55.9	71.9	88.1	104.9	122.2	137.3	151.5
-75°	5.4	13.2	22.9	38.1	53.9	69.0	84.4	100.2	116.6	130.2	143.3
-77.5°	5.4	12.9	22.1	36.9	52.1	66.0	80.5	95.2	110.4	122.8	134.7
-80°	5.4	12.7	21.2	35.6	50.4	63.4	76.4	89.9	103.9	114.8	125.6
-82.5°	5.4	12.4	20.3	34.3	48.5	60.9	73.3	85.0	97.2	106.6	116.1
-85°	5.4	12.0	19.3	32.8	46.5	58.4	70.3	80.8	91.6	99.5	107.4
-87.5°	5.4	11.7	18.3	31.3	44.4	55.8	67.1	76.4	85.9	93.1	100.3
-90°	5.4	5.4	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°	97.9	102.7	107.1	111.4	116.3	121.1	126.5	131.9	137.3	142.7	147.1
87.5°	5.1	4.9	4.9	4.9	4.6	4.3	4.3	4.3	3.8	3.2	3.2
85°	5.4	5.4	5.4	5.4	5.0	4.6	4.5	4.3	4.0	3.8	3.8
82.5°	5.8	5.9	5.8	5.4	5.3	5.3	4.9	4.5	4.5	4.6	4.5
80°	6.3	6.5	6.1	5.8	5.7	5.5	5.3	5.2	5.3	5.4	5.0
77.5°	6.7	6.6	6.4	6.4	6.1	5.7	5.8	6.0	5.9	5.5	5.4
75°	7.0	6.7	6.6	6.6	6.4	6.4	6.5	6.5	6.3	6.1	6.0
72.5°	7.5	7.3	7.1	6.8	6.7	6.6	6.5	6.5	7.5	9.1	10.2
70°	8.1	7.9	7.7	7.4	7.2	7.3	8.5	11.0	13.6	15.7	18.6
67.5°	8.7	8.6	8.3	8.3	8.8	10.1	12.0	19.1	26.3	28.9	30.2
65°	9.7	9.5	9.5	10.1	10.7	16.2	23.4	31.8	40.7	42.4	40.7
62.5°	10.9	12.1	11.7	13.6	18.5	25.2	34.3	43.9	54.0	51.7	43.1
60°	14.9	15.7	17.3	21.5	27.1	34.7	44.8	48.8	53.1	53.9	41.8
57.5°	20.1	22.4	26.4	30.7	38.2	42.5	44.0	44.1	50.2	50.6	38.4
55°	28.0	31.8	37.9	43.2	47.9	43.3	43.3	47.2	49.3	45.6	34.1
52.5°	40.2	44.3	53.9	57.8	55.3	51.5	50.4	53.9	51.9	46.3	39.4
50°	53.9	65.4	71.8	75.0	69.0	68.2	62.6	65.8	67.8	64.8	67.7
47.5°	75.8	89.9	95.1	99.8	94.9	100.1	94.8	110.3	110.6	148.7	153.1
45°	102.5	121.5	127.6	138.6	147.0	151.8	181.9	183.9	264.8	296.6	364.8
42.5°	133.8	158.5	180.1	185.5	236.5	260.8	303.5	381.5	456.1	520.3	556.7
40°	173.9	200.2	245.3	295.6	353.5	410.6	474.1	565.6	644.5	679.1	697.5
37.5°	217.9	268.5	328.5	412.6	498.6	564.2	639.7	725.8	778.2	796.5	800.8
35°	265.1	338.1	438.4	526.8	619.0	707.0	777.4	859.7	877.3	892.0	973.1
32.5°	322.5	407.7	526.0	625.1	718.5	819.3	890.5	939.2	967.3	1020.9	1285.1
30°	380.1	480.0	597.1	702.4	811.3	907.1	975.0	1022.3	1054.4	1307.1	1855.9
27.5°	427.4	542.2	658.5	780.9	901.2	997.3	1062.6	1105.6	1292.2	1711.2	2556.2
25°	470.3	591.0	720.0	867.6	994.2	1083.1	1150.1	1192.6	1610.0	2465.6	3051.7
22.5°	510.6	638.2	789.5	959.3	1086.7	1162.3	1226.6	1457.7	2089.9	3230.0	3545.2
20°	550.0	695.0	865.0	1036.9	1173.4	1229.5	1296.9	1754.9	2707.1	3524.3	3869.5
17.5°	590.8	753.3	936.2	1096.6	1218.7	1289.3	1397.4	2043.1	3228.1	3781.9	4031.6
15°	631.6	808.2	994.2	1149.2	1263.2	1348.0	1627.2	2456.1	3551.0	4065.0	4300.2
12.5°	671.6	856.3	1037.8	1194.2	1309.9	1403.6	1837.5	2883.1	3842.6	4342.9	4654.3
10°	710.1	897.9	1075.1	1237.7	1355.5	1457.5	2049.9	3300.5	4106.0	4524.1	4785.2
7.5°	743.7	931.9	1107.4	1279.4	1398.2	1510.4	2282.8	3577.4	4218.1	4639.3	4851.5
5°	772.4	958.7	1140.1	1325.9	1442.4	1559.2	2494.4	3760.0	4260.7	4710.4	4920.8
2.5°	796.6	980.2	1168.3	1369.5	1486.0	1600.5	2642.6	3875.8	4289.7	4737.6	4989.0
0°	816.4	996.9	1191.6	1407.8	1525.7	1637.1	2753.0	3931.6	4299.2	4727.4	5052.9
-2.5°	829.2	1021.3	1234.8	1444.8	1558.3	1667.8	2748.4	3964.4	4311.0	4782.0	5300.0
-5°	837.8	1040.4	1271.1	1476.0	1587.7	1694.8	2701.4	3940.4	4337.1	4865.0	5461.5
-7.5°	842.1	1053.2	1298.9	1501.2	1615.6	1725.0	2643.3	3885.0	4470.3	5035.7	5562.8
-10°	843.5	1060.8	1304.6	1513.3	1641.4	1754.8	2547.6	3768.5	4575.6	5107.1	5592.2
-12.5°	849.2	1064.4	1301.6	1518.2	1663.3	1782.0	2429.3	3691.4	4717.0	5151.2	5581.6
-15°	848.6	1063.0	1292.9	1516.8	1690.2	1818.4	2272.0	3509.3	4803.2	5161.1	5552.8
-17.5°	841.5	1057.0	1279.6	1511.6	1715.7	1845.6	2050.1	3134.6	4556.8	5117.4	5518.9
-20°	827.4	1043.7	1260.9	1495.2	1729.9	1870.9	2023.6	2806.6	4049.9	5001.7	5454.9



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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°	807.1	1024.3	1238.0	1467.7	1723.2	1899.4	2042.0	2487.5	3549.1	4830.1	5351.1
-25°	783.4	997.2	1211.6	1452.9	1713.2	1926.8	2045.8	2191.0	3113.5	4262.3	5172.4
-27.5°	757.2	963.7	1182.5	1421.4	1697.7	1921.8	2044.3	2181.2	2649.5	3563.6	4887.8
-30°	726.8	926.1	1142.2	1375.7	1643.0	1870.2	2039.4	2152.7	2295.8	3015.8	4145.0
-32.5°	693.2	883.6	1094.5	1323.9	1572.6	1812.4	2011.3	2129.9	2255.4	2501.9	3412.1
-35°	660.2	842.4	1041.7	1264.2	1500.7	1733.9	1937.4	2105.9	2211.2	2349.8	2765.3
-37.5°	629.6	796.4	983.9	1199.1	1427.8	1636.5	1856.7	2039.2	2183.4	2283.9	2451.9
-40°	594.2	744.9	924.7	1126.1	1331.6	1530.3	1739.7	1944.9	2122.1	2254.5	2354.7
-42.5°	554.4	698.5	861.1	1040.1	1230.0	1419.0	1617.0	1820.3	2014.8	2189.3	2313.5
-45°	511.2	646.6	793.0	955.4	1123.9	1304.1	1492.6	1685.1	1878.1	2070.6	2223.7
-47.5°	461.3	589.5	728.4	865.0	1020.4	1185.9	1361.2	1542.1	1720.7	1906.4	2082.6
-50°	409.4	527.9	654.7	780.8	915.7	1065.3	1225.7	1394.7	1564.1	1735.6	1905.5
-52.5°	362.3	460.7	577.6	696.4	815.6	943.5	1088.7	1242.9	1402.7	1564.4	1713.1
-55°	312.0	400.6	496.6	607.9	719.7	831.0	949.0	1088.5	1233.3	1383.3	1516.6
-57.5°	273.3	340.0	422.7	514.8	618.8	724.1	827.7	932.4	1061.8	1195.2	1307.2
-60°	241.2	289.3	352.6	430.5	513.3	610.6	708.0	805.3	905.3	1000.8	1104.3
-62.5°	211.7	251.0	295.6	349.9	421.8	497.0	583.4	673.1	764.7	847.0	923.0
-65°	199.1	217.9	251.4	292.0	333.2	397.4	466.7	537.2	616.7	689.6	758.2
-67.5°	185.7	203.1	220.5	241.9	278.9	316.9	355.1	417.4	479.7	536.1	592.0
-70°	175.0	188.4	203.8	219.4	235.3	257.1	291.2	326.5	361.7	400.7	448.0
-72.5°	164.4	176.4	188.8	200.9	215.2	230.2	245.8	261.7	286.2	316.1	343.2
-75°	154.3	164.3	175.3	186.5	197.8	209.2	221.9	236.6	251.2	265.8	279.5
-77.5°	144.5	153.7	162.8	172.3	182.1	192.2	203.3	215.0	227.0	238.9	249.5
-80°	134.3	142.9	150.8	158.8	167.6	176.3	185.6	195.2	205.7	216.7	226.3
-82.5°	123.3	130.4	137.6	144.8	152.8	160.8	168.8	176.7	185.4	194.3	202.2
-85°	112.7	117.7	123.9	130.1	137.3	144.5	151.3	158.0	165.6	173.0	179.2
-87.5°	105.3	110.3	115.1	120.0	125.7	131.5	137.0	142.6	148.8	155.0	159.9
-90°	4.9	4.3	4.3	4.3	4.3	4.3	4.3	4.3	3.8	3.2	3.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	151.4	154.7	157.9	159.5	161.1	164.4	167.6	172.5	177.3	182.7	188.1
87.5°	3.2	3.2	3.2	3.1	3.1	2.7	2.2	2.2	2.2	2.2	2.2
85°	3.9	4.0	4.0	3.6	3.2	3.1	3.1	3.1	3.1	2.7	2.2
82.5°	4.3	4.3	4.3	4.1	4.0	3.7	3.2	3.2	3.2	3.2	3.2
80°	4.7	4.5	4.3	4.3	4.3	4.2	4.0	3.7	3.2	3.7	4.2
77.5°	5.4	5.1	4.7	4.6	4.4	4.0	3.6	3.3	3.2	3.3	3.3
75°	5.6	5.7	6.4	6.6	6.4	5.8	4.9	4.8	4.9	4.7	4.3
72.5°	11.0	11.6	11.9	13.0	13.5	14.1	15.3	17.4	19.9	22.2	24.3
70°	22.2	25.2	25.9	26.0	25.9	26.7	27.8	29.1	30.8	32.2	33.5
67.5°	34.1	36.8	37.1	37.7	36.7	35.2	33.7	33.7	35.6	37.9	40.5
65°	41.6	38.8	36.7	36.3	35.6	33.8	31.0	28.9	28.4	28.0	28.1
62.5°	37.3	31.9	30.0	29.6	27.9	25.8	22.0	18.9	17.4	16.5	16.5
60°	32.4	26.0	22.1	20.4	17.7	15.1	12.8	10.5	9.8	9.5	9.6
57.5°	26.6	19.8	15.2	14.6	12.6	10.0	8.2	6.5	6.2	6.2	6.6
55°	24.4	20.8	17.4	16.3	13.9	12.7	11.0	8.7	8.2	8.8	9.6
52.5°	31.7	29.7	28.1	28.2	31.1	28.9	21.5	30.1	35.1	35.1	33.5
50°	69.4	62.4	89.1	85.8	107.2	121.5	110.3	123.8	143.2	156.8	166.3
47.5°	198.2	205.5	237.4	265.1	287.3	312.3	337.6	352.9	356.8	382.1	399.4
45°	399.1	423.0	458.5	476.5	511.6	553.0	582.2	595.3	671.7	766.7	828.2
42.5°	579.2	597.7	625.6	688.9	753.2	895.3	1058.4	1064.1	1211.5	1341.9	1475.4
40°	705.2	739.9	839.3	989.6	1336.3	1606.9	1799.5	1988.3	2019.8	1958.5	1992.0
37.5°	868.3	992.5	1244.2	1649.5	1949.7	2221.4	2330.8	2345.0	2383.2	2407.1	2369.1
35°	1175.6	1589.6	1798.4	2142.9	2361.3	2414.3	2447.3	2480.0	2511.2	2532.5	2555.7
32.5°	1848.8	2361.6	2389.1	2477.7	2518.5	2565.5	2600.6	2621.0	2635.2	2653.9	2717.2
30°	2572.4	2691.8	2701.6	2694.6	2708.6	2740.3	2763.3	2800.7	2837.9	2880.8	3021.2
27.5°	2910.3	3001.7	2973.2	2924.4	2900.2	2925.4	2987.9	3046.0	3154.3	3268.1	3469.6
25°	3284.3	3344.9	3310.0	3223.4	3169.2	3204.9	3298.7	3409.6	3616.5	3798.9	4169.6
22.5°	3684.8	3797.5	3761.0	3735.2	3620.8	3638.0	3712.0	3962.1	4479.7	5299.0	7000.5
20°	3995.4	4133.1	4150.5	4151.2	4127.1	4134.1	4306.1	5112.8	6626.0	11381.1	15596.4
17.5°	4225.7	4306.5	4403.4	4443.2	4490.4	4628.0	5545.3	8336.2	14870.9	23616.7	30313.8
15°	4524.1	4627.5	4732.6	4799.1	4905.7	5662.3	8008.2	16579.7	28462.8	43306.6	62279.7
12.5°	4763.1	4890.5	4974.0	5026.6	5272.3	7262.8	15424.7	27764.1	46304.7	69338.7	103508.6
10°	4895.4	4994.7	5108.4	5291.1	6292.8	10535.0	21752.1	39015.7	67516.6	109006.6	154517.7
7.5°	4961.2	5089.7	5279.9	5557.4	7448.1	15379.2	30261.2	55070.7	93998.8	145662.0	209075.0
5°	5037.8	5275.4	5501.9	5819.5	8345.3	18876.9	37025.1	68763.8	117088.5	180288.4	258603.7
2.5°	5161.6	5519.0	5665.0	5970.1	8885.8	21128.5	41058.6	79473.7	134330.1	208544.6	296472.3
0°	5356.7	5654.1	5741.7	6048.7	9429.9	22242.1	43427.9	82410.6	142010.2	219548.5	311386.8
-2.5°	5577.3	5762.9	5860.0	6202.3	9703.1	23378.2	45292.0	84383.8	140181.2	215882.9	305783.6
-5°	5721.1	5868.5	5962.6	6297.1	9673.2	22242.1	43209.1	78582.1	129487.5	197196.5	277574.1
-7.5°	5819.0	5972.5	6071.0	6377.5	9101.3	19221.7	38164.4	67736.7	110042.1	165572.2	234998.2
-10°	5914.7	6082.3	6211.3	6453.5	8055.3	14673.8	29954.9	51102.5	86059.8	130242.5	182150.2
-12.5°	6000.9	6208.1	6374.0	6485.6	7072.9	11161.0	22013.2	39087.8	61945.0	94926.8	132911.4
-15°	6044.5	6292.3	6478.2	6601.1	6941.7	8825.2	14254.6	25865.0	43247.4	63705.4	88422.0
-17.5°	5969.3	6338.9	6517.7	6653.1	6765.0	7249.1	10055.0	15876.9	26733.7	40135.3	52209.3
-20°	5849.7	6344.1	6546.6	6728.7	6856.0	6987.9	7345.4	10111.0	14527.8	22749.6	30796.8



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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°	5748.6	6208.2	6630.9	6827.7	6974.2	6983.9	6994.9	7327.8	9052.4	11822.4	16079.4
-25°	5678.4	6113.4	6605.1	6910.2	7011.6	7015.2	6959.9	6898.0	7093.6	7290.1	8845.5
-27.5°	5559.8	6031.6	6493.8	6865.7	7016.1	7010.9	6968.9	6927.6	6859.9	6815.7	6983.5
-30°	5414.7	5888.8	6319.1	6693.1	6916.0	6984.5	6955.8	6925.0	6904.1	6889.5	6859.4
-32.5°	4641.3	5713.3	6075.8	6415.2	6733.2	6872.5	6934.6	6920.1	6901.3	6893.3	6898.6
-35°	3791.1	4897.9	5839.2	6081.1	6357.0	6634.3	6829.8	6874.1	6893.7	6890.2	6898.8
-37.5°	2906.8	3904.0	4828.8	5601.8	5934.1	6222.3	6506.5	6694.9	6807.9	6827.4	6854.0
-40°	2505.2	2787.2	3663.3	4440.3	5086.6	5681.7	5982.8	6308.3	6562.2	6664.4	6718.1
-42.5°	2399.1	2511.1	2626.2	3196.0	3865.3	4432.5	4994.6	5553.3	6016.9	6279.2	6449.9
-45°	2352.9	2415.3	2481.7	2573.5	2655.6	3134.8	3650.8	4195.1	4804.5	5259.7	5683.7
-47.5°	2218.1	2343.9	2407.4	2446.3	2475.2	2538.5	2595.0	2748.4	3255.6	3654.4	4096.8
-50°	2039.9	2167.8	2271.6	2363.8	2395.2	2409.8	2426.8	2477.8	2558.9	2617.7	2706.8
-52.5°	1833.7	1953.7	2069.2	2168.0	2238.5	2299.2	2357.2	2397.4	2430.2	2464.2	2496.5
-55°	1636.6	1738.7	1837.8	1930.4	2014.5	2084.6	2153.6	2219.2	2280.7	2338.6	2392.6
-57.5°	1420.3	1522.3	1613.4	1696.6	1768.3	1826.7	1894.8	1967.1	2034.8	2094.9	2153.5
-60°	1202.0	1294.9	1382.0	1460.7	1526.3	1577.9	1644.1	1708.9	1770.8	1826.8	1875.9
-62.5°	996.8	1076.1	1151.1	1220.6	1282.7	1338.1	1393.6	1449.2	1507.7	1560.1	1606.3
-65°	823.4	886.7	939.9	989.5	1031.3	1081.4	1134.7	1184.5	1236.0	1284.6	1328.8
-67.5°	649.2	702.8	747.5	790.3	825.3	860.5	900.2	938.0	974.4	1012.1	1049.0
-70°	489.9	527.7	555.9	585.3	619.6	651.7	683.7	715.8	746.1	779.3	813.4
-72.5°	365.6	384.0	402.6	426.3	446.8	470.1	493.1	517.8	542.8	566.9	589.3
-75°	292.6	304.3	318.4	330.0	338.8	350.2	362.9	378.4	394.0	409.6	424.4
-77.5°	260.3	268.4	274.9	279.8	284.2	289.9	295.8	306.6	318.3	331.4	344.7
-80°	235.4	240.6	245.0	248.6	251.9	256.7	261.5	271.0	281.0	290.8	300.2
-82.5°	210.0	214.3	217.9	221.2	224.2	228.7	233.3	240.9	248.5	257.9	267.4
-85°	185.3	189.1	192.7	195.6	198.4	201.9	205.5	212.5	219.6	227.2	234.7
-87.5°	164.6	167.8	170.9	173.4	175.8	178.8	181.8	187.4	193.0	199.1	205.1
-90°	3.2	3.2	3.2	2.7	2.2	2.2	2.2	2.2	2.2	1.7	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°	188.7	189.2	189.2	189.2	189.2	189.2	188.7	188.1	182.7	177.3	172.5
87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
85°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.7	3.1	3.1
82.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
80°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.7	3.2	3.7
77.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.3
75°	3.8	3.2	3.2	3.2	3.2	3.2	3.8	4.3	4.7	4.9	4.8
72.5°	26.5	28.4	29.5	30.3	29.5	28.4	26.5	24.3	22.2	19.9	17.4
70°	34.1	34.4	34.6	34.6	34.6	34.4	34.1	33.5	32.2	30.8	29.1
67.5°	42.0	42.9	43.2	43.3	43.2	42.9	42.0	40.5	37.9	35.6	33.7
65°	26.8	24.8	23.0	21.6	23.0	24.8	26.8	28.1	28.0	28.4	28.9
62.5°	16.1	15.5	15.2	15.1	15.2	15.5	16.1	16.5	16.5	17.4	18.9
60°	9.7	9.8	9.4	8.7	9.4	9.8	9.7	9.6	9.5	9.8	10.5
57.5°	7.0	7.5	8.1	8.7	8.1	7.5	7.0	6.6	6.2	6.2	6.5
55°	10.4	11.4	12.3	13.0	12.3	11.4	10.4	9.6	8.8	8.2	8.7
52.5°	30.2	27.1	26.1	27.0	26.1	27.1	30.2	33.5	35.1	35.1	30.1
50°	171.2	174.7	178.9	183.8	178.9	174.7	171.2	166.3	156.8	143.2	123.8
47.5°	404.3	396.6	389.4	387.1	389.4	396.6	404.3	399.4	382.1	356.8	352.9
45°	766.5	710.1	681.4	698.5	681.4	710.1	766.5	828.2	766.7	671.7	595.3
42.5°	1547.1	1630.6	1695.9	1726.8	1695.9	1630.6	1547.1	1475.4	1341.9	1211.5	1064.1
40°	1939.6	1908.2	1925.0	1950.6	1925.0	1908.2	1939.6	1992.0	1958.5	2019.8	1988.3
37.5°	2387.7	2398.1	2322.7	2199.3	2322.7	2398.1	2387.7	2369.1	2407.1	2383.2	2345.0
35°	2605.0	2739.5	2991.0	3051.4	2991.0	2739.5	2605.0	2555.7	2532.5	2511.2	2480.0
32.5°	2877.1	3016.7	3059.5	3076.3	3059.5	3016.7	2877.1	2717.2	2653.9	2635.2	2621.0
30°	3202.3	3265.3	3249.4	3273.1	3249.4	3265.3	3202.3	3021.2	2880.8	2837.9	2800.7
27.5°	3558.5	3595.4	3583.3	3614.8	3583.3	3595.4	3558.5	3469.6	3268.1	3154.3	3046.0
25°	4478.2	4768.7	4753.6	4821.5	4753.6	4768.7	4478.2	4169.6	3798.9	3616.5	3409.6
22.5°	9071.7	10098.8	10713.9	11309.2	10713.9	10098.8	9071.7	7000.5	5299.0	4479.7	3962.1
20°	20269.4	23229.5	23873.9	23639.2	23873.9	23229.5	20269.4	15596.4	11381.1	6626.0	5112.8
17.5°	43509.0	55319.7	61661.4	62366.7	61661.4	55319.7	43509.0	30313.8	23616.7	14870.9	8336.2
15°	81881.2	102523.6	114243.9	115475.4	114243.9	102523.6	81881.2	62279.7	43306.6	28462.8	16579.7
12.5°	133856.0	166729.2	190861.9	193554.3	190861.9	166729.2	133856.0	103508.6	69338.7	46304.7	27764.1
10°	205049.4	249493.7	284638.8	293200.6	284638.8	249493.7	205049.4	154517.7	109006.6	67516.6	39015.7
7.5°	276107.6	326827.7	368191.0	377923.0	368191.0	326827.7	276107.6	209075.0	145662.0	93998.8	55070.7
5°	331656.2	396551.4	429560.0	440465.9	429560.0	396551.4	331656.2	258603.7	180288.4	117088.5	68763.8
2.5°	373997.9	435274.6	474025.7	489924.7	474025.7	435274.6	373997.9	296472.3	208544.6	134330.1	79473.7
0°	390342.6	449781.2	499128.6	529815.1	499128.6	449781.2	390342.6	311386.8	219548.5	142010.2	82410.6
-2.5°	383935.8	441164.8	483104.2	503009.9	483104.2	441164.8	383935.8	305783.6	215882.9	140181.2	84383.8
-5°	351546.7	409301.1	441727.6	451999.0	441727.6	409301.1	351546.7	277574.1	197196.5	129487.5	78582.1
-7.5°	297269.9	348106.6	386555.7	393447.6	386555.7	348106.6	297269.9	234998.2	165572.2	110042.1	67736.7
-10°	235604.4	279612.5	308944.0	314492.3	308944.0	279612.5	235604.4	182150.2	130242.5	86059.8	51102.5
-12.5°	167008.4	205664.8	228855.3	233134.4	228855.3	205664.8	167008.4	132911.4	94926.8	61945.0	39087.8
-15°	113490.5	137568.9	151624.5	153043.7	151624.5	137568.9	113490.5	88422.0	63705.4	43247.4	25865.0
-17.5°	71011.1	85333.6	94093.8	94175.0	94093.8	85333.6	71011.1	52209.3	40135.3	26733.7	15876.9
-20°	41111.3	47945.9	52847.0	52826.5	52847.0	47945.9	41111.3	30796.8	22749.6	14527.8	10111.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21419.5	25481.6	28436.8	28301.7	28436.8	25481.6	21419.5	16079.4	11822.4	9052.4	7327.8
-25°	10518.0	12073.1	13108.2	13027.4	13108.2	12073.1	10518.0	8845.5	7290.1	7093.6	6898.0
-27.5°	7128.0	7299.1	7417.2	7429.5	7417.2	7299.1	7128.0	6983.5	6815.7	6859.9	6927.6
-30°	6847.7	6886.8	6928.1	6938.6	6928.1	6886.8	6847.7	6859.4	6889.5	6904.1	6925.0
-32.5°	6915.4	6946.0	6991.2	7019.7	6991.2	6946.0	6915.4	6898.6	6893.3	6901.3	6920.1
-35°	6920.3	6955.8	7008.1	7031.6	7008.1	6955.8	6920.3	6898.8	6890.2	6893.7	6874.1
-37.5°	6888.1	6931.5	6976.4	6997.0	6976.4	6931.5	6888.1	6854.0	6827.4	6807.9	6694.9
-40°	6765.9	6810.2	6843.0	6845.7	6843.0	6810.2	6765.9	6718.1	6664.4	6562.2	6308.3
-42.5°	6563.5	6618.4	6643.7	6639.1	6643.7	6618.4	6563.5	6449.9	6279.2	6016.9	5553.3
-45°	6085.8	6280.3	6375.7	6399.1	6375.7	6280.3	6085.8	5683.7	5259.7	4804.5	4195.1
-47.5°	4609.5	4894.6	5077.4	5150.2	5077.4	4894.6	4609.5	4096.8	3654.4	3255.6	2748.4
-50°	2823.3	2849.8	2867.2	2876.2	2867.2	2849.8	2823.3	2706.8	2617.7	2558.9	2477.8
-52.5°	2523.4	2530.9	2535.0	2535.6	2535.0	2530.9	2523.4	2496.5	2464.2	2430.2	2397.4
-55°	2431.6	2446.8	2456.4	2458.9	2456.4	2446.8	2431.6	2392.6	2338.6	2280.7	2219.2
-57.5°	2192.2	2200.9	2210.6	2216.6	2210.6	2200.9	2192.2	2153.5	2094.9	2034.8	1967.1
-60°	1905.4	1913.4	1914.9	1909.6	1914.9	1913.4	1905.4	1875.9	1826.8	1770.8	1708.9
-62.5°	1631.5	1638.9	1646.2	1649.0	1646.2	1638.9	1631.5	1606.3	1560.1	1507.7	1449.2
-65°	1349.4	1353.1	1354.8	1351.6	1354.8	1353.1	1349.4	1328.8	1284.6	1236.0	1184.5
-67.5°	1066.3	1073.6	1084.0	1091.0	1084.0	1073.6	1066.3	1049.0	1012.1	974.4	938.0
-70°	821.3	818.1	825.0	830.4	825.0	818.1	821.3	813.4	779.3	746.1	715.8
-72.5°	592.2	588.7	586.2	581.7	586.2	588.7	592.2	589.3	566.9	542.8	517.8
-75°	423.5	419.3	418.6	417.4	418.6	419.3	423.5	424.4	409.6	394.0	378.4
-77.5°	344.9	343.2	341.0	338.4	341.0	343.2	344.9	344.7	331.4	318.3	306.6
-80°	301.1	301.2	299.9	298.4	299.9	301.2	301.1	300.2	290.8	281.0	271.0
-82.5°	267.9	267.8	267.0	266.0	267.0	267.8	267.9	267.4	257.9	248.5	240.9
-85°	235.2	235.5	234.6	233.6	234.6	235.5	235.2	234.7	227.2	219.6	212.5
-87.5°	205.8	206.4	205.9	205.4	205.9	206.4	205.8	205.1	199.1	193.0	187.4
-90°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	167.6	164.4	161.1	159.5	157.9	154.7	151.4	147.1	142.7	137.3	131.9
87.5°	2.2	2.7	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.8	4.3
85°	3.1	3.1	3.2	3.6	4.0	4.0	3.9	3.8	3.8	4.0	4.3
82.5°	3.2	3.7	4.0	4.1	4.3	4.3	4.3	4.5	4.6	4.5	4.5
80°	4.0	4.2	4.3	4.3	4.3	4.5	4.7	5.0	5.4	5.3	5.2
77.5°	3.6	4.0	4.4	4.6	4.7	5.1	5.4	5.4	5.5	5.9	6.0
75°	4.9	5.8	6.4	6.6	6.4	5.7	5.6	6.0	6.1	6.3	6.5
72.5°	15.3	14.1	13.5	13.0	11.9	11.6	11.0	10.2	9.1	7.5	6.5
70°	27.8	26.7	25.9	26.0	25.9	25.2	22.2	18.6	15.7	13.6	11.0
67.5°	33.7	35.2	36.7	37.7	37.1	36.8	34.1	30.2	28.9	26.3	19.1
65°	31.0	33.8	35.6	36.3	36.7	38.8	41.6	40.7	42.4	40.7	31.8
62.5°	22.0	25.8	27.9	29.6	30.0	31.9	37.3	43.1	51.7	54.0	43.9
60°	12.8	15.1	17.7	20.4	22.1	26.0	32.4	41.8	53.9	53.1	48.8
57.5°	8.2	10.0	12.6	14.6	15.2	19.8	26.6	38.4	50.6	50.2	44.1
55°	11.0	12.7	13.9	16.3	17.4	20.8	24.4	34.1	45.6	49.3	47.2
52.5°	21.5	28.9	31.1	28.2	28.1	29.7	31.7	39.4	46.3	51.9	53.9
50°	110.3	121.5	107.2	85.8	89.1	62.4	69.4	67.7	64.8	67.8	65.8
47.5°	337.6	312.3	287.3	265.1	237.4	205.5	198.2	153.1	148.7	110.6	110.3
45°	582.2	553.0	511.6	476.5	458.5	423.0	399.1	364.8	296.6	264.8	183.9
42.5°	1058.4	895.3	753.2	688.9	625.6	597.7	579.2	556.7	520.3	456.1	381.5
40°	1799.5	1606.9	1336.3	989.6	839.3	739.9	705.2	697.5	679.1	644.5	565.6
37.5°	2330.8	2221.4	1949.7	1649.5	1244.2	992.5	868.3	800.8	796.5	778.2	725.8
35°	2447.3	2414.3	2361.3	2142.9	1798.4	1589.6	1175.6	973.1	892.0	877.3	859.7
32.5°	2600.6	2565.5	2518.5	2477.7	2389.1	2361.6	1848.8	1285.1	1020.9	967.3	939.2
30°	2763.3	2740.3	2708.6	2694.6	2701.6	2691.8	2572.4	1855.9	1307.1	1054.4	1022.3
27.5°	2987.9	2925.4	2900.2	2924.4	2973.2	3001.7	2910.3	2556.2	1711.2	1292.2	1105.6
25°	3298.7	3204.9	3169.2	3223.4	3310.0	3344.9	3284.3	3051.7	2465.6	1610.0	1192.6
22.5°	3712.0	3638.0	3620.8	3735.2	3761.0	3797.5	3684.8	3545.2	3230.0	2089.9	1457.7
20°	4306.1	4134.1	4127.1	4151.2	4150.5	4133.1	3995.4	3869.5	3524.3	2707.1	1754.9
17.5°	5545.3	4628.0	4490.4	4443.2	4403.4	4306.5	4225.7	4031.6	3781.9	3228.1	2043.1
15°	8008.2	5662.3	4905.7	4799.1	4732.6	4627.5	4524.1	4300.2	4065.0	3551.0	2456.1
12.5°	15424.7	7262.8	5272.3	5026.6	4974.0	4890.5	4763.1	4654.3	4342.9	3842.6	2883.1
10°	21752.1	10535.0	6292.8	5291.1	5108.4	4994.7	4895.4	4785.2	4524.1	4106.0	3300.5
7.5°	30261.2	15379.2	7448.1	5557.4	5279.9	5089.7	4961.2	4851.5	4639.3	4218.1	3577.4
5°	37025.1	18876.9	8345.3	5819.5	5501.9	5275.4	5037.8	4920.8	4710.4	4260.7	3760.0
2.5°	41058.6	21128.5	8885.8	5970.1	5665.0	5519.0	5161.6	4989.0	4737.6	4289.7	3875.8
0°	43427.9	22242.1	9429.9	6048.7	5741.7	5654.1	5356.7	5052.9	4727.4	4299.2	3931.6
-2.5°	45292.0	23378.2	9703.1	6202.3	5860.0	5762.9	5577.3	5300.0	4782.0	4311.0	3964.4
-5°	43209.1	22242.1	9673.2	6297.1	5962.6	5868.5	5721.1	5461.5	4865.0	4337.1	3940.4
-7.5°	38164.4	19221.7	9101.3	6377.5	6071.0	5972.5	5819.0	5562.8	5035.7	4470.3	3885.0
-10°	29954.9	14673.8	8055.3	6453.5	6211.3	6082.3	5914.7	5592.2	5107.1	4575.6	3768.5
-12.5°	22013.2	11161.0	7072.9	6485.6	6374.0	6208.1	6000.9	5581.6	5151.2	4717.0	3691.4
-15°	14254.6	8825.2	6941.7	6601.1	6478.2	6292.3	6044.5	5552.8	5161.1	4803.2	3509.3
-17.5°	10055.0	7249.1	6765.0	6653.1	6517.7	6338.9	5969.3	5518.9	5117.4	4556.8	3134.6
-20°	7345.4	6987.9	6856.0	6728.7	6546.6	6344.1	5849.7	5454.9	5001.7	4049.9	2806.6



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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°	6994.9	6983.9	6974.2	6827.7	6630.9	6208.2	5748.6	5351.1	4830.1	3549.1	2487.5
-25°	6959.9	7015.2	7011.6	6910.2	6605.1	6113.4	5678.4	5172.4	4262.3	3113.5	2191.0
-27.5°	6968.9	7010.9	7016.1	6865.7	6493.8	6031.6	5559.8	4887.8	3563.6	2649.5	2181.2
-30°	6955.8	6984.5	6916.0	6693.1	6319.1	5888.8	5414.7	4145.0	3015.8	2295.8	2152.7
-32.5°	6934.6	6872.5	6733.2	6415.2	6075.8	5713.3	4641.3	3412.1	2501.9	2255.4	2129.9
-35°	6829.8	6634.3	6357.0	6081.1	5839.2	4897.9	3791.1	2765.3	2349.8	2211.2	2105.9
-37.5°	6506.5	6222.3	5934.1	5601.8	4828.8	3904.0	2906.8	2451.9	2283.9	2183.4	2039.2
-40°	5982.8	5681.7	5086.6	4440.3	3663.3	2787.2	2505.2	2354.7	2254.5	2122.1	1944.9
-42.5°	4994.6	4432.5	3865.3	3196.0	2626.2	2511.1	2399.1	2313.5	2189.3	2014.8	1820.3
-45°	3650.8	3134.8	2655.6	2573.5	2481.7	2415.3	2352.9	2223.7	2070.6	1878.1	1685.1
-47.5°	2595.0	2538.5	2475.2	2446.3	2407.4	2343.9	2218.1	2082.6	1906.4	1720.7	1542.1
-50°	2426.8	2409.8	2395.2	2363.8	2271.6	2167.8	2039.9	1905.5	1735.6	1564.1	1394.7
-52.5°	2357.2	2299.2	2238.5	2168.0	2069.2	1953.7	1833.7	1713.1	1564.4	1402.7	1242.9
-55°	2153.6	2084.6	2014.5	1930.4	1837.8	1738.7	1636.6	1516.6	1383.3	1233.3	1088.5
-57.5°	1894.8	1826.7	1768.3	1696.6	1613.4	1522.3	1420.3	1307.2	1195.2	1061.8	932.4
-60°	1644.1	1577.9	1526.3	1460.7	1382.0	1294.9	1202.0	1104.3	1000.8	905.3	805.3
-62.5°	1393.6	1338.1	1282.7	1220.6	1151.1	1076.1	996.8	923.0	847.0	764.7	673.1
-65°	1134.7	1081.4	1031.3	989.5	939.9	886.7	823.4	758.2	689.6	616.7	537.2
-67.5°	900.2	860.5	825.3	790.3	747.5	702.8	649.2	592.0	536.1	479.7	417.4
-70°	683.7	651.7	619.6	585.3	555.9	527.7	489.9	448.0	400.7	361.7	326.5
-72.5°	493.1	470.1	446.8	426.3	402.6	384.0	365.6	343.2	316.1	286.2	261.7
-75°	362.9	350.2	338.8	330.0	318.4	304.3	292.6	279.5	265.8	251.2	236.6
-77.5°	295.8	289.9	284.2	279.8	274.9	268.4	260.3	249.5	238.9	227.0	215.0
-80°	261.5	256.7	251.9	248.6	245.0	240.6	235.4	226.3	216.7	205.7	195.2
-82.5°	233.3	228.7	224.2	221.2	217.9	214.3	210.0	202.2	194.3	185.4	176.7
-85°	205.5	201.9	198.4	195.6	192.7	189.1	185.3	179.2	173.0	165.6	158.0
-87.5°	181.8	178.8	175.8	173.4	170.9	167.8	164.6	159.9	155.0	148.8	142.6
-90°	2.2	2.2	2.2	2.7	3.2	3.2	3.2	3.2	3.2	3.8	4.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	126.5	121.1	116.3	111.4	107.1	102.7	97.9	93.0	86.5	80.0	71.9
87.5°	4.3	4.3	4.6	4.9	4.9	4.9	5.1	5.4	5.4	5.4	5.6
85°	4.5	4.6	5.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.7
82.5°	4.9	5.3	5.3	5.4	5.8	5.9	5.8	5.7	5.6	5.5	5.9
80°	5.3	5.5	5.7	5.8	6.1	6.5	6.3	6.2	6.3	6.2	6.3
77.5°	5.8	5.7	6.1	6.4	6.4	6.6	6.7	6.7	7.0	7.0	6.8
75°	6.5	6.4	6.4	6.6	6.6	6.7	7.0	7.2	7.5	7.6	7.3
72.5°	6.5	6.6	6.7	6.8	7.1	7.3	7.5	7.7	8.0	8.1	7.7
70°	8.5	7.3	7.2	7.4	7.7	7.9	8.1	8.3	8.4	8.5	8.3
67.5°	12.0	10.1	8.8	8.3	8.3	8.6	8.7	9.0	9.2	9.0	8.8
65°	23.4	16.2	10.7	10.1	9.5	9.5	9.7	10.0	10.0	10.1	9.4
62.5°	34.3	25.2	18.5	13.6	11.7	12.1	10.9	11.7	11.1	11.3	10.5
60°	44.8	34.7	27.1	21.5	17.3	15.7	14.9	13.6	13.4	12.7	12.0
57.5°	44.0	42.5	38.2	30.7	26.4	22.4	20.1	18.1	16.1	15.4	13.7
55°	43.3	43.3	47.9	43.2	37.9	31.8	28.0	24.3	20.0	18.5	15.7
52.5°	50.4	51.5	55.3	57.8	53.9	44.3	40.2	31.0	27.6	22.0	19.1
50°	62.6	68.2	69.0	75.0	71.8	65.4	53.9	44.4	35.8	26.9	22.8
47.5°	94.8	100.1	94.9	99.8	95.1	89.9	75.8	60.4	44.7	35.2	26.6
45°	181.9	151.8	147.0	138.6	127.6	121.5	102.5	77.8	60.7	44.4	30.6
42.5°	303.5	260.8	236.5	185.5	180.1	158.5	133.8	105.8	77.9	54.2	37.3
40°	474.1	410.6	353.5	295.6	245.3	200.2	173.9	137.6	96.3	66.7	46.2
37.5°	639.7	564.2	498.6	412.6	328.5	268.5	217.9	171.6	120.0	84.6	55.5
35°	777.4	707.0	619.0	526.8	438.4	338.1	265.1	209.7	151.8	103.4	65.0
32.5°	890.5	819.3	718.5	625.1	526.0	407.7	322.5	250.2	184.1	123.0	74.9
30°	975.0	907.1	811.3	702.4	597.1	480.0	380.1	288.6	216.8	143.3	86.2
27.5°	1062.6	997.3	901.2	780.9	658.5	542.2	427.4	325.1	249.6	164.3	101.2
25°	1150.1	1083.1	994.2	867.6	720.0	591.0	470.3	359.8	280.8	186.2	115.4
22.5°	1226.6	1162.3	1086.7	959.3	789.5	638.2	510.6	397.3	301.9	206.3	128.8
20°	1296.9	1229.5	1173.4	1036.9	865.0	695.0	550.0	426.5	321.4	224.8	141.2
17.5°	1397.4	1289.3	1218.7	1096.6	936.2	753.3	590.8	454.2	339.4	241.5	152.8
15°	1627.2	1348.0	1263.2	1149.2	994.2	808.2	631.6	480.7	355.7	256.4	163.0
12.5°	1837.5	1403.6	1309.9	1194.2	1037.8	856.3	671.6	505.9	370.4	270.4	171.7
10°	2049.9	1457.5	1355.5	1237.7	1075.1	897.9	710.1	531.8	388.5	283.8	179.4
7.5°	2282.8	1510.4	1398.2	1279.4	1107.4	931.9	743.7	561.3	406.0	295.8	186.1
5°	2494.4	1559.2	1442.4	1325.9	1140.1	958.7	772.4	588.4	422.1	306.3	191.8
2.5°	2642.6	1600.5	1486.0	1369.5	1168.3	980.2	796.6	612.7	436.4	315.2	196.4
0°	2753.0	1637.1	1525.7	1407.8	1191.6	996.9	816.4	633.6	448.7	322.2	200.0
-2.5°	2748.4	1667.8	1558.3	1444.8	1234.8	1021.3	829.2	644.6	461.7	332.0	207.3
-5°	2701.4	1694.8	1587.7	1476.0	1271.1	1040.4	837.8	652.0	472.2	339.8	213.4
-7.5°	2643.3	1725.0	1615.6	1501.2	1298.9	1053.2	842.1	656.0	480.2	345.5	218.1
-10°	2547.6	1754.8	1641.4	1513.3	1304.6	1060.8	843.5	656.7	485.6	348.9	221.4
-12.5°	2429.3	1782.0	1663.3	1518.2	1301.6	1064.4	849.2	655.9	487.7	350.0	223.1
-15°	2272.0	1818.4	1690.2	1516.8	1292.9	1063.0	848.6	651.4	483.8	347.4	223.1
-17.5°	2050.1	1845.6	1715.7	1511.6	1279.6	1057.0	841.5	641.7	477.0	341.0	220.8
-20°	2023.6	1870.9	1729.9	1495.2	1260.9	1043.7	827.4	626.7	467.3	332.4	216.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2042.0	1899.4	1723.2	1467.7	1238.0	1024.3	807.1	606.7	454.7	321.6	211.0
-25°	2045.8	1926.8	1713.2	1452.9	1211.6	997.2	783.4	587.1	439.1	308.7	203.9
-27.5°	2044.3	1921.8	1697.7	1421.4	1182.5	963.7	757.2	573.3	426.3	293.7	195.4
-30°	2039.4	1870.2	1643.0	1375.7	1142.2	926.1	726.8	556.1	411.9	281.7	185.5
-32.5°	2011.3	1812.4	1572.6	1323.9	1094.5	883.6	693.2	535.2	394.3	271.6	179.3
-35°	1937.4	1733.9	1500.7	1264.2	1041.7	842.4	660.2	510.4	373.6	259.0	174.0
-37.5°	1856.7	1636.5	1427.8	1199.1	983.9	796.4	629.6	483.6	349.8	243.9	167.9
-40°	1739.7	1530.3	1331.6	1126.1	924.7	744.9	594.2	453.6	328.3	226.3	160.4
-42.5°	1617.0	1419.0	1230.0	1040.1	861.1	698.5	554.4	419.4	305.3	212.9	151.4
-45°	1492.6	1304.1	1123.9	955.4	793.0	646.6	511.2	382.5	279.2	201.0	144.6
-47.5°	1361.2	1185.9	1020.4	865.0	728.4	589.5	461.3	349.6	250.4	187.2	141.8
-50°	1225.7	1065.3	915.7	780.8	654.7	527.9	409.4	313.1	232.5	171.7	138.6
-52.5°	1088.7	943.5	815.6	696.4	577.6	460.7	362.3	274.2	212.8	163.6	134.7
-55°	949.0	831.0	719.7	607.9	496.6	400.6	312.0	248.2	191.4	158.4	130.7
-57.5°	827.7	724.1	618.8	514.8	422.7	340.0	273.3	220.8	181.1	152.6	128.0
-60°	708.0	610.6	513.3	430.5	352.6	289.3	241.2	198.3	173.6	146.8	125.0
-62.5°	583.4	497.0	421.8	349.9	295.6	251.0	211.7	188.1	165.1	142.6	121.5
-65°	466.7	397.4	333.2	292.0	251.4	217.9	199.1	177.3	158.1	137.8	117.8
-67.5°	355.1	316.9	278.9	241.9	220.5	203.1	185.7	168.4	151.3	132.6	113.8
-70°	291.2	257.1	235.3	219.4	203.8	188.4	175.0	160.1	144.1	127.6	109.5
-72.5°	245.8	230.2	215.2	200.9	188.8	176.4	164.4	151.5	137.3	122.2	104.9
-75°	221.9	209.2	197.8	186.5	175.3	164.3	154.3	143.3	130.2	116.6	100.2
-77.5°	203.3	192.2	182.1	172.3	162.8	153.7	144.5	134.7	122.8	110.4	95.2
-80°	185.6	176.3	167.6	158.8	150.8	142.9	134.3	125.6	114.8	103.9	89.9
-82.5°	168.8	160.8	152.8	144.8	137.6	130.4	123.3	116.1	106.6	97.2	85.0
-85°	151.3	144.5	137.3	130.1	123.9	117.7	112.7	107.4	99.5	91.6	80.8
-87.5°	137.0	131.5	125.7	120.0	115.1	110.3	105.3	100.3	93.1	85.9	76.4
-90°	4.3	4.3	4.3	4.3	4.3	4.3	4.9	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°	63.8	53.0	42.2	29.7	17.3	11.3	5.4
87.5°	5.7	5.6	5.6	5.6	5.6	5.5	5.4
85°	6.0	5.9	5.8	5.8	5.8	5.7	5.4
82.5°	6.3	6.1	6.0	6.0	6.0	5.8	5.4
80°	6.5	6.3	6.2	6.3	6.2	6.0	5.4
77.5°	6.8	6.6	6.4	6.5	6.4	6.1	5.4
75°	7.1	7.0	6.6	6.7	6.6	6.3	5.4
72.5°	7.5	7.4	7.0	7.0	6.8	6.4	5.4
70°	7.9	7.8	7.4	7.2	7.0	6.5	5.4
67.5°	8.5	8.2	7.8	7.5	7.2	6.7	5.4
65°	9.1	8.7	8.2	7.8	7.4	6.8	5.4
62.5°	9.8	9.3	8.6	8.0	7.6	7.0	5.4
60°	10.5	10.0	8.9	8.3	7.9	7.1	5.4
57.5°	12.2	10.6	9.7	8.6	8.2	7.2	5.4
55°	14.3	11.3	10.4	8.9	8.5	7.4	5.4
52.5°	16.4	12.2	11.2	9.1	8.8	7.5	5.4
50°	18.7	14.5	12.1	9.4	9.2	7.6	5.4
47.5°	21.3	16.9	13.0	9.8	9.6	7.8	5.4
45°	24.8	19.3	14.0	10.5	10.0	7.9	5.4
42.5°	28.3	21.8	15.0	11.3	10.5	8.0	5.4
40°	32.0	24.4	16.6	12.3	10.9	8.2	5.4
37.5°	36.1	27.1	18.6	13.6	11.4	8.3	5.4
35°	40.2	30.2	20.6	15.0	11.9	8.4	5.4
32.5°	45.6	33.5	22.7	16.3	12.5	8.6	5.4
30°	53.6	36.8	24.7	17.8	13.0	8.7	5.4
27.5°	61.5	40.1	27.3	19.2	13.6	8.8	5.4
25°	69.3	43.4	29.9	20.7	14.1	8.9	5.4
22.5°	77.0	46.7	32.5	22.1	14.7	9.0	5.4
20°	84.4	50.2	34.9	23.6	15.3	9.1	5.4
17.5°	91.1	53.5	37.3	25.1	15.9	9.2	5.4
15°	97.2	56.8	39.5	26.6	16.4	9.3	5.4
12.5°	102.8	59.8	41.7	28.0	17.0	9.4	5.4
10°	107.8	62.7	43.7	29.5	17.5	9.5	5.4
7.5°	112.2	65.4	45.7	30.8	18.1	9.5	5.4
5°	116.1	67.9	47.5	32.2	18.6	9.6	5.4
2.5°	119.4	70.3	49.2	33.4	19.1	9.7	5.4
0°	122.2	72.4	50.8	34.6	19.5	9.7	5.4
-2.5°	126.1	75.4	53.0	36.1	20.5	10.1	5.4
-5°	129.4	78.2	55.1	37.6	21.5	10.5	5.4
-7.5°	132.1	80.8	57.1	38.9	22.4	10.9	5.4
-10°	134.1	83.1	58.9	40.1	23.3	11.3	5.4
-12.5°	135.4	85.1	60.5	41.3	24.2	11.7	5.4
-15°	136.1	86.9	62.0	42.3	24.9	12.0	5.4
-17.5°	136.1	88.4	63.3	43.3	25.6	12.4	5.4
-20°	135.5	89.7	64.4	44.1	26.3	12.7	5.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.5	90.6	65.4	44.9	26.9	13.0	5.4
-25°	132.7	91.4	66.1	45.5	27.4	13.3	5.4
-27.5°	130.0	92.0	66.7	46.0	27.8	13.5	5.4
-30°	126.6	92.3	67.1	46.4	28.2	13.7	5.4
-32.5°	122.3	92.3	67.6	46.7	28.5	13.9	5.4
-35°	120.6	92.0	67.9	46.9	28.7	14.1	5.4
-37.5°	119.9	91.7	68.1	47.0	28.9	14.3	5.4
-40°	118.9	91.6	68.0	47.0	28.9	14.4	5.4
-42.5°	117.5	91.3	68.0	46.9	28.9	14.5	5.4
-45°	115.6	90.8	67.9	46.9	28.8	14.5	5.4
-47.5°	113.3	90.1	67.7	46.7	28.6	14.6	5.4
-50°	111.8	89.1	67.3	46.5	28.4	14.6	5.4
-52.5°	110.2	88.0	66.7	46.1	28.0	14.6	5.4
-55°	108.3	86.8	65.9	45.7	27.6	14.5	5.4
-57.5°	106.1	85.3	65.0	45.1	27.1	14.5	5.4
-60°	103.7	83.7	63.9	44.3	26.6	14.3	5.4
-62.5°	101.1	81.7	62.6	43.5	26.2	14.2	5.4
-65°	98.3	79.6	61.2	42.5	25.6	14.1	5.4
-67.5°	95.1	77.2	59.6	41.4	25.1	13.9	5.4
-70°	91.7	74.7	57.8	40.2	24.4	13.7	5.4
-72.5°	88.1	71.9	55.9	39.1	23.7	13.5	5.4
-75°	84.4	69.0	53.9	38.1	22.9	13.2	5.4
-77.5°	80.5	66.0	52.1	36.9	22.1	12.9	5.4
-80°	76.4	63.4	50.4	35.6	21.2	12.7	5.4
-82.5°	73.3	60.9	48.5	34.3	20.3	12.4	5.4
-85°	70.3	58.4	46.5	32.8	19.3	12.0	5.4
-87.5°	67.1	55.8	44.4	31.3	18.3	11.7	5.4
-90°	5.4	5.4	5.4	5.4	5.4	5.4	5.4

(END OF REPORT)