

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: P1306082 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-50-80-7F-CV2-A**

Issue Date: 2/3/2026

Test Information

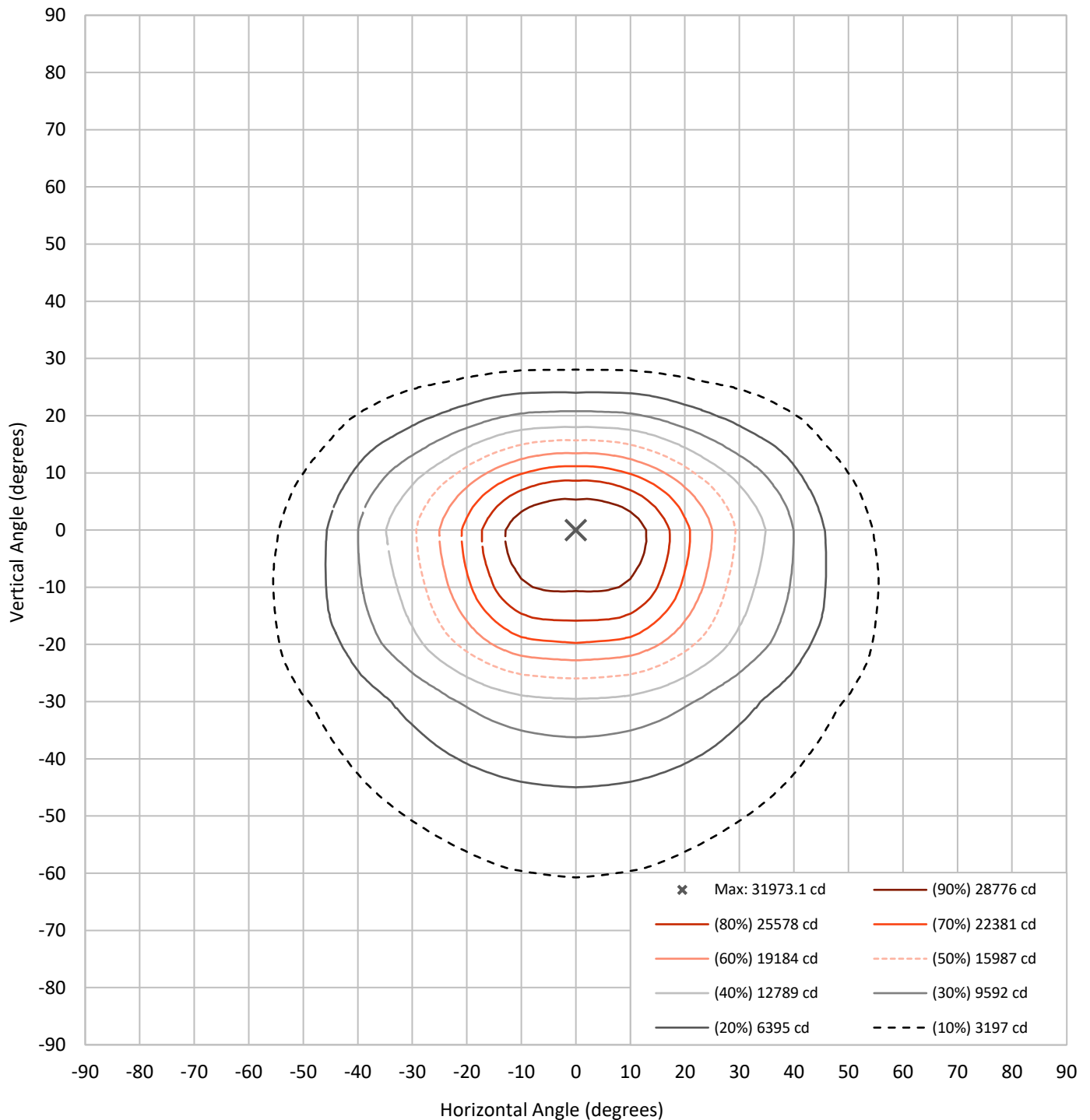
Test Method: LM-79-08
Report Number: P1306082 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-43)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-50-80-7F-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5000K, 80 CRI LEDS AND 7F BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	27972.7 lumens	Max Intensity:	31973.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	58.6°H x 41.6°V	Field Angle (10%):	109°H x 88.8°V
Beam Lumens:	13560.9 lumens	Field Lumens:	25405.8 lumens
Beam Efficiency:	48.5%	Field Efficiency:	90.8%
Input Watts (W):	334		
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





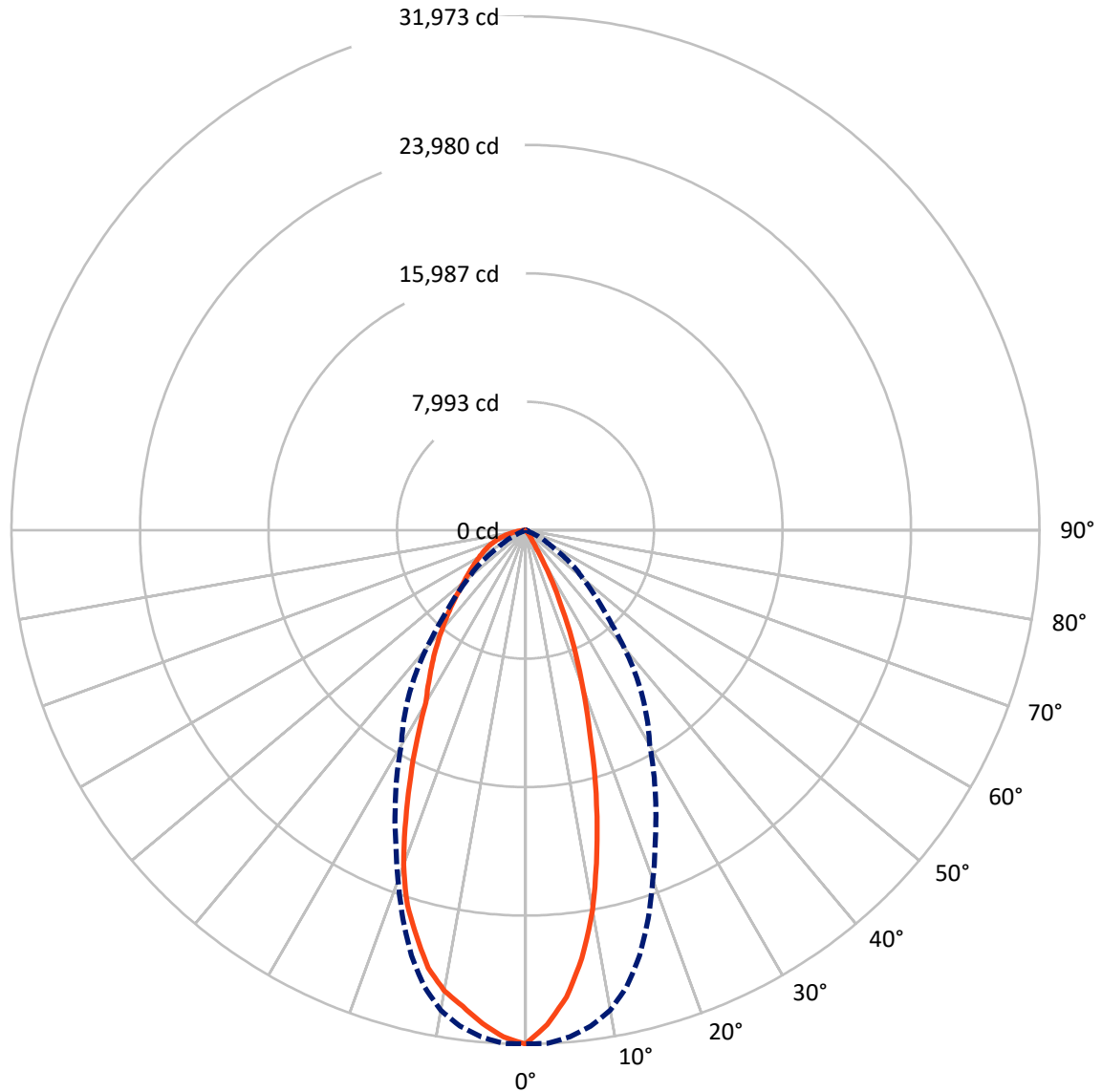
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Lumen Table

90	0.2	1.4	3.3	2.4	1.9	2.4	3.3	1.4	0.2							
80	0.2	1.4	3.3	2.4	1.9	2.4	3.3	1.4	0.2							
70	0.3	0.4	0.9	1.4	1.0	0.5	0.4	0.4	0.4	0.4	0.5	1.0	1.4	0.9	0.4	0.3
60		0.4	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.4	
50	0.4	0.4	0.8	1.4	1.9	2.4	2.9	3.3	3.3	2.9	2.4	1.9	1.4	0.8	0.4	0.4
40		0.6	2.9	6.7	11.0	14.5	19.1	21.8	21.8	19.1	14.5	11.0	6.7	2.9	0.6	
30	0.7	1.7	10.4	30.6	63.3	102.4	148.5	173.4	173.4	148.5	102.4	63.3	30.6	10.4	1.7	0.7
20		3.9	25.6	76.3	168.3	284.1	419.0	506.8	506.8	419.0	284.1	168.3	76.3	25.6	3.9	
10	1.7	7.6	45.0	129.8	280.8	475.7	709.7	856.8	856.8	709.7	475.7	280.8	129.8	45.0	7.6	1.7
0		12.4	57.8	149.3	306.4	519.3	782.0	923.1	923.1	782.0	519.3	306.4	149.3	57.8	12.4	
-10	3.9	14.4	57.8	139.9	271.6	451.5	665.4	782.5	782.5	665.4	451.5	271.6	139.9	57.8	14.4	3.9
-20		13.7	47.5	105.4	198.0	315.8	440.3	508.0	508.0	440.3	315.8	198.0	105.4	47.5	13.7	
-30	4.5	12.4	34.8	72.7	129.4	199.3	265.0	302.1	302.1	265.0	199.3	129.4	72.7	34.8	12.4	4.5
-40		10.0	25.4	51.2	88.8	132.3	169.8	191.6	191.6	169.8	132.3	88.8	51.2	25.4	10.0	
-50	3.0	7.5	17.8	34.3	57.6	84.3	108.2	121.5	121.5	108.2	84.3	57.6	34.3	17.8	7.5	3.0
-60		5.1	12.3	23.5	38.1	54.8	70.9	79.6	79.6	70.9	54.8	38.1	23.5	12.3	5.1	
-70	0.8	0.8	11.7	41.8	79.9	98.2	79.9	41.8	11.7	0.8	0.8					
-80		0.8	11.7	41.8	79.9	98.2	79.9	41.8	11.7	0.8						
-90	0.8	11.7	41.8	79.9	98.2	79.9	41.8	11.7	0.8							

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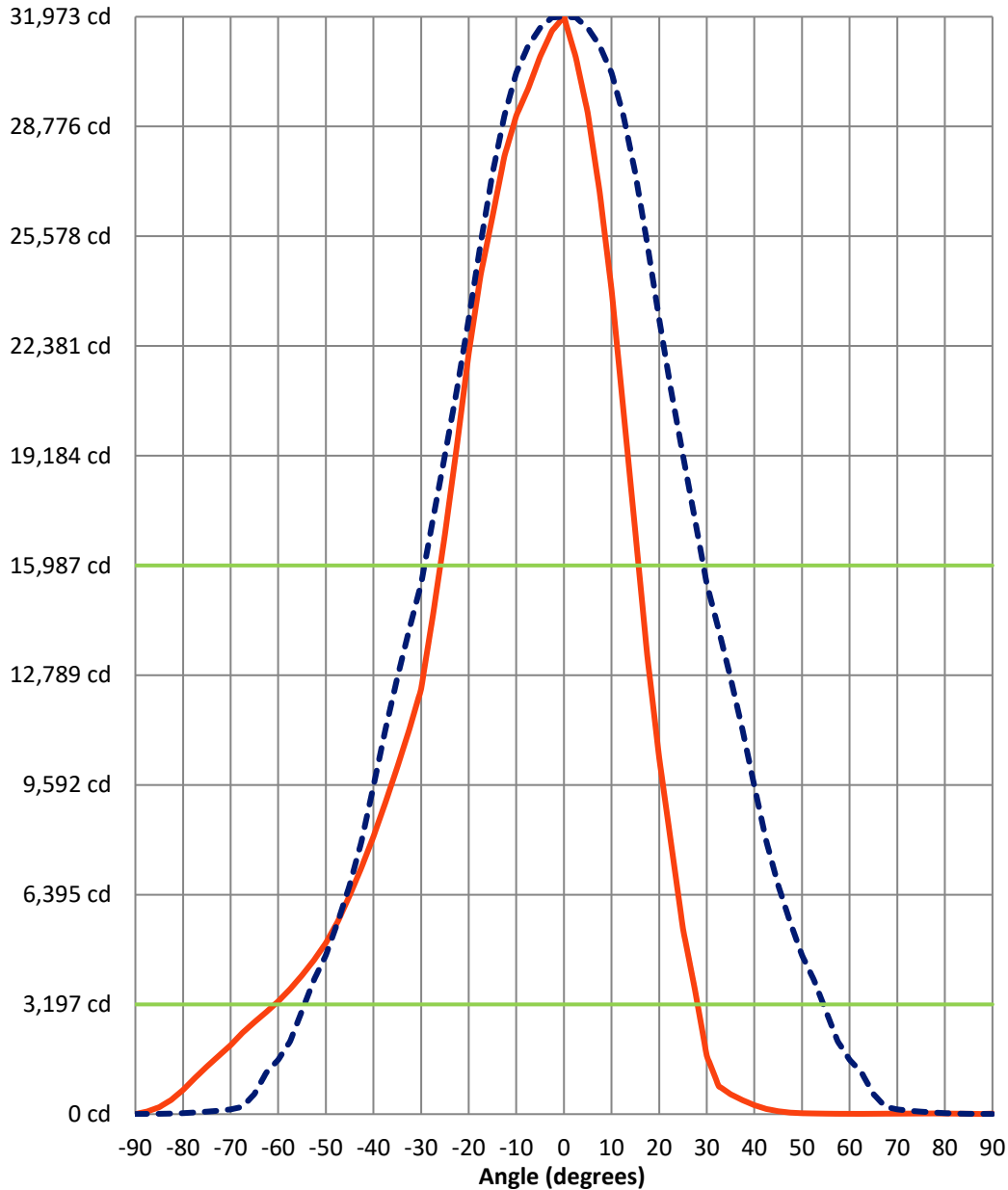
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 58.6°
 V Angle: 41.6°
 Lumens: 13560.9
 Efficiency: 48.5%

Field:
 H Angle: 109°
 V Angle: 88.8°
 Lumens: 25405.8
 Efficiency: 90.8%

Spill:
 Lumens: 2566.9
 Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	4.5	5.1	5.6	5.9	6.2	6.4	6.7	7.0	7.3	7.6	7.9
87.5°	4.5	4.7	4.9	5.2	5.6	6.0	6.5	6.7	6.8	6.9	6.9
85°	4.5	4.8	5.3	5.9	6.6	7.5	8.5	8.9	9.1	9.2	9.2
82.5°	4.5	5.0	5.7	6.6	7.7	9.0	10.5	11.1	11.4	12.2	13.7
80°	4.5	5.2	6.1	7.2	8.7	10.5	12.3	12.6	13.8	16.0	19.1
77.5°	4.5	5.4	6.4	7.9	9.7	11.4	12.5	13.7	16.1	19.6	23.3
75°	4.5	5.5	6.8	8.6	10.5	11.5	12.7	14.7	18.0	21.0	24.0
72.5°	4.5	5.7	7.2	9.2	10.5	11.5	12.9	15.4	18.5	21.5	24.6
70°	4.5	5.8	7.5	9.7	10.4	11.6	13.1	15.8	18.9	22.1	25.6
67.5°	4.5	6.0	7.9	9.5	10.3	11.5	13.5	16.2	19.4	23.0	26.5
65°	4.5	6.1	8.2	9.4	10.2	11.7	13.9	16.5	20.1	23.8	27.8
62.5°	4.5	6.3	8.5	9.3	10.1	12.1	14.4	17.0	20.8	24.8	29.9
60°	4.5	6.4	8.8	9.1	10.0	12.5	14.8	17.5	21.4	26.4	31.8
57.5°	4.5	6.6	8.8	9.0	10.2	12.8	15.5	18.1	22.6	27.9	32.7
55°	4.5	6.7	8.7	8.8	10.5	13.2	16.2	18.9	23.8	29.2	33.3
52.5°	4.5	6.8	8.7	8.6	10.8	13.6	16.9	20.2	24.8	29.8	33.8
50°	4.5	7.0	8.6	8.4	11.1	14.2	17.6	21.5	25.7	30.4	32.9
47.5°	4.5	7.1	8.6	8.3	11.4	14.8	18.4	22.8	26.3	31.0	31.9
45°	4.5	7.2	8.6	8.5	11.6	15.4	19.6	24.1	27.7	30.3	31.1
42.5°	4.5	7.3	8.6	8.6	11.8	16.0	20.7	25.5	29.3	29.7	30.2
40°	4.5	7.4	8.6	9.0	12.2	16.6	21.8	27.1	30.8	29.4	29.5
37.5°	4.5	7.5	8.7	9.4	12.6	17.2	22.9	28.7	32.2	31.1	29.2
35°	4.5	7.5	8.7	9.9	13.0	17.9	24.0	30.5	33.9	33.6	31.4
32.5°	4.5	7.6	8.8	10.4	13.4	18.8	25.1	32.3	36.0	36.8	40.3
30°	4.5	7.7	8.9	10.9	13.8	19.5	26.6	34.2	38.5	40.6	49.4
27.5°	4.5	7.7	8.9	11.4	14.9	20.3	28.0	36.1	41.5	45.1	58.8
25°	4.5	7.8	9.0	12.0	16.1	21.0	29.5	38.2	45.0	52.0	69.2
22.5°	4.5	7.8	9.1	12.5	17.4	22.3	30.9	40.5	48.9	60.0	102.6
20°	4.5	7.9	9.2	13.0	18.8	25.1	32.3	42.9	53.1	67.8	137.9
17.5°	4.5	7.9	9.3	13.5	20.1	28.0	36.1	45.3	57.5	75.6	174.6
15°	4.5	7.9	9.4	14.1	21.5	31.1	41.4	50.3	62.1	83.2	211.8
12.5°	4.5	7.9	9.6	14.6	22.9	34.2	46.8	58.5	71.5	90.6	248.8
10°	4.5	7.9	9.7	15.1	24.2	37.4	52.2	66.9	85.0	112.8	297.7
7.5°	4.5	7.9	9.8	15.5	25.6	40.5	57.6	75.3	98.8	138.0	373.6
5°	4.5	7.9	9.9	16.0	26.8	43.6	62.9	83.7	112.5	163.5	449.1
2.5°	4.5	7.9	10.0	16.4	28.1	46.6	68.0	91.9	126.1	188.8	521.8
0°	4.5	7.9	10.1	16.8	29.2	49.4	73.0	99.9	139.2	213.3	589.4
-2.5°	4.5	8.0	10.8	19.3	34.9	60.0	91.9	131.1	188.4	292.8	693.7
-5°	4.5	8.2	11.5	21.7	40.4	70.2	110.3	161.6	236.2	369.5	789.0
-7.5°	4.5	8.3	12.2	24.0	45.7	80.1	127.9	190.7	282.0	441.9	873.9
-10°	4.5	8.4	12.9	26.2	50.7	89.3	144.4	218.2	324.9	508.5	947.2
-12.5°	4.5	8.5	13.5	28.3	55.3	97.9	159.7	243.6	364.2	565.8	975.0
-15°	4.5	8.6	14.1	30.2	59.6	105.7	173.5	266.6	398.7	600.8	979.4
-17.5°	4.5	8.7	14.7	31.8	63.3	112.6	185.6	288.4	428.5	630.7	977.8
-20°	4.5	8.8	15.2	33.3	66.6	118.6	197.4	308.8	454.2	655.4	971.0



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.5	8.8	15.6	34.5	69.3	123.4	209.9	326.2	475.6	674.5	959.7
-25°	4.5	8.9	16.0	35.4	71.3	129.8	220.4	340.4	492.4	688.0	944.5
-27.5°	4.5	8.9	16.3	36.0	72.7	135.9	228.5	351.3	504.5	699.1	954.0
-30°	4.5	8.9	16.6	36.4	73.7	140.4	234.2	358.6	514.5	710.8	957.9
-32.5°	4.5	8.9	16.7	36.4	76.0	143.4	237.4	364.2	521.6	715.9	954.6
-35°	4.5	8.9	16.9	36.1	77.3	144.8	240.0	367.0	523.7	714.4	944.0
-37.5°	4.5	8.9	16.9	35.4	77.8	145.1	240.9	366.2	520.8	706.2	897.9
-40°	4.5	8.8	16.8	34.4	77.3	145.2	239.4	361.7	512.9	696.2	851.7
-42.5°	4.5	8.8	16.7	33.5	76.6	143.7	235.3	353.6	502.7	662.7	802.6
-45°	4.5	8.7	16.5	32.9	75.8	140.8	228.8	343.6	489.0	624.2	751.9
-47.5°	4.5	8.6	16.2	31.9	74.3	136.3	219.8	332.4	470.3	583.7	706.8
-50°	4.5	8.5	15.9	31.5	71.9	130.4	211.4	318.0	437.4	546.7	659.6
-52.5°	4.5	8.4	15.4	31.2	68.8	123.0	201.4	300.2	406.5	508.1	611.1
-55°	4.5	8.2	14.9	30.5	65.0	116.7	189.4	279.9	375.6	468.0	566.7
-57.5°	4.5	8.1	14.3	29.4	60.4	109.7	175.3	261.4	343.2	430.3	520.8
-60°	4.5	7.9	13.7	28.0	55.2	101.7	160.0	238.2	310.5	392.2	475.0
-62.5°	4.5	7.7	13.2	26.3	51.5	92.6	147.0	212.7	280.1	352.7	430.8
-65°	4.5	7.5	12.7	24.2	47.2	82.5	132.7	187.6	248.1	314.4	385.2
-67.5°	4.5	7.3	12.1	21.9	42.4	72.9	117.0	165.5	214.6	275.1	339.2
-70°	4.5	7.1	11.5	19.3	37.1	63.9	100.1	142.3	185.8	234.2	291.8
-72.5°	4.5	6.8	10.8	17.6	31.3	54.3	85.1	118.1	156.0	198.0	244.0
-75°	4.5	6.6	10.1	16.1	25.2	44.0	69.6	96.2	125.1	160.7	199.7
-77.5°	4.5	6.4	9.4	14.6	21.7	33.1	53.4	74.7	98.1	123.9	154.0
-80°	4.5	6.1	8.7	12.9	18.8	26.2	36.4	52.8	71.0	91.1	113.2
-82.5°	4.5	5.9	7.9	11.2	15.7	21.4	28.3	34.9	43.3	57.7	73.5
-85°	4.5	5.6	7.2	9.4	12.6	16.5	21.2	25.7	30.6	36.1	41.9
-87.5°	4.5	5.3	6.4	7.7	9.4	11.5	14.0	16.4	19.0	21.9	25.0
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



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 CATALOG NUMBER: EPH-08-320N-50-80-7F-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.2	8.5	8.7	9.0	9.3	9.6	9.8	10.1	10.7	11.2	11.8
87.5°	7.2	7.6	7.9	8.3	7.6	6.8	5.9	5.0	5.2	5.5	5.8
85°	9.9	10.6	11.6	12.4	11.8	11.3	11.0	10.8	11.4	11.8	12.2
82.5°	15.0	16.0	16.6	16.9	17.3	17.8	18.8	20.8	22.0	22.8	23.1
80°	20.7	21.4	22.1	23.6	26.3	29.5	33.1	37.1	38.2	37.9	37.2
77.5°	24.1	25.6	28.2	32.0	36.5	41.0	45.9	51.3	52.7	52.1	51.0
75°	26.2	29.3	33.7	39.2	44.9	51.0	57.4	63.2	64.7	62.8	60.5
72.5°	28.0	32.6	38.5	45.6	52.2	58.4	64.9	71.8	74.4	71.2	67.1
70°	29.6	35.4	42.5	50.1	57.7	64.3	70.7	78.1	82.8	76.9	67.7
67.5°	31.0	38.3	46.1	53.9	60.3	66.9	74.6	77.8	79.6	70.1	60.3
65°	33.1	40.9	47.9	54.4	61.1	64.4	67.0	69.4	68.4	57.6	47.2
62.5°	35.2	41.5	48.0	53.3	55.4	57.4	57.0	54.7	51.2	44.6	36.5
60°	35.9	41.4	46.0	48.3	49.1	47.3	44.6	42.5	39.5	33.8	28.5
57.5°	36.4	39.5	42.1	42.8	40.8	38.0	36.9	34.0	31.8	28.2	23.3
55°	36.1	36.6	37.8	36.3	34.7	33.6	32.0	31.0	28.0	24.5	21.0
52.5°	34.6	34.0	32.9	32.2	32.6	32.4	31.9	30.3	27.4	24.0	22.0
50°	33.2	31.2	29.4	31.9	34.2	36.1	33.2	31.4	31.3	29.7	26.4
47.5°	31.5	28.9	30.5	34.3	40.8	43.2	39.1	39.0	40.3	43.5	39.6
45°	29.9	30.9	33.5	43.1	51.0	54.7	55.2	50.9	61.6	65.2	64.2
42.5°	28.8	35.2	46.7	53.4	66.2	74.1	77.2	83.6	90.0	97.8	99.8
40°	33.0	40.9	66.7	78.2	86.1	99.5	115.8	126.4	128.4	140.2	145.6
37.5°	38.5	63.6	94.1	113.8	113.3	136.6	161.0	186.6	201.0	189.7	215.8
35°	44.7	90.3	133.5	162.3	169.6	184.0	227.0	275.9	323.2	295.5	309.0
32.5°	63.2	121.0	179.6	223.7	266.5	276.2	302.9	435.4	521.2	522.6	453.6
30°	93.5	164.1	234.6	294.8	393.8	439.3	481.8	646.5	790.7	883.5	903.2
27.5°	131.4	213.3	301.8	410.1	550.6	632.6	770.4	947.1	1174.0	1343.9	1461.4
25°	174.0	289.5	375.3	556.0	737.7	888.4	1081.7	1325.0	1643.2	1915.6	2169.9
22.5°	228.8	378.0	491.8	719.5	945.0	1164.9	1433.4	1783.1	2188.1	2542.3	2902.6
20°	297.8	478.4	643.9	921.2	1180.7	1445.5	1789.8	2276.2	2788.9	3289.6	3757.1
17.5°	372.4	584.3	814.1	1151.6	1502.8	1802.1	2162.7	2788.3	3421.6	4109.2	4790.1
15°	451.0	694.0	982.9	1403.0	1848.5	2256.0	2733.0	3370.3	4123.3	5005.3	5883.7
12.5°	531.7	805.7	1148.5	1669.0	2209.2	2718.3	3325.6	4052.8	4917.3	5963.2	7028.4
10°	612.6	917.4	1309.2	1942.7	2577.6	3182.7	3903.2	4711.6	5700.1	6875.4	8080.3
7.5°	759.1	1064.3	1475.8	2216.6	2946.3	3642.6	4460.8	5342.4	6441.5	7748.1	9066.0
5°	915.5	1245.2	1703.0	2503.9	3294.5	4046.1	4962.3	5939.2	7135.7	8569.9	9999.0
2.5°	1067.5	1419.2	1919.8	2772.1	3614.6	4353.9	5299.4	6326.8	7593.8	9143.7	10707.7
0°	1210.2	1585.1	2124.0	3015.3	3908.9	4631.9	5598.5	6671.7	7955.9	9554.5	11200.3
-2.5°	1339.1	1736.7	2295.8	3164.1	3999.8	4700.7	5674.1	6750.4	8020.6	9556.0	11077.5
-5°	1452.4	1878.1	2451.5	3288.3	4067.6	4746.3	5710.0	6782.1	8027.8	9487.3	10907.8
-7.5°	1549.0	2008.2	2590.0	3377.6	4103.8	4782.9	5717.6	6770.8	7985.4	9362.4	10707.5
-10°	1613.4	2061.9	2598.7	3354.4	4093.9	4797.6	5691.5	6716.6	7886.1	9185.1	10459.3
-12.5°	1571.7	2042.0	2567.8	3302.8	4059.7	4778.6	5630.6	6621.5	7731.7	8965.6	10166.0
-15°	1524.6	2009.1	2517.4	3221.7	4001.4	4723.5	5536.7	6487.8	7466.8	8606.1	9790.5
-17.5°	1474.3	1962.5	2447.0	3110.6	3919.2	4630.7	5362.9	6135.0	7033.3	8150.7	9320.7
-20°	1423.1	1901.9	2355.9	2968.8	3806.3	4394.6	4993.9	5711.7	6563.5	7603.7	8775.0



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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°	1373.2	1826.8	2259.9	2844.2	3505.6	4060.7	4602.2	5248.1	6021.7	6963.0	7989.4
-25°	1335.6	1749.1	2167.0	2640.5	3189.6	3721.5	4181.9	4754.5	5458.2	6263.4	7075.4
-27.5°	1306.4	1680.0	2035.4	2439.5	2892.5	3379.6	3788.5	4280.1	4942.7	5587.5	6214.3
-30°	1275.3	1588.7	1902.1	2254.1	2654.6	3058.5	3413.3	3893.0	4482.5	5039.0	5537.9
-32.5°	1215.4	1492.2	1785.4	2102.7	2438.4	2771.2	3142.5	3597.0	4089.7	4568.2	4968.4
-35°	1144.3	1401.6	1672.9	1953.0	2236.7	2558.4	2928.2	3318.1	3735.0	4167.6	4623.7
-37.5°	1084.8	1307.3	1557.2	1814.3	2076.2	2375.9	2706.8	3064.7	3434.3	3821.2	4267.7
-40°	1020.8	1209.6	1447.3	1685.4	1926.5	2196.2	2500.2	2817.8	3149.0	3515.4	3901.8
-42.5°	954.1	1133.9	1337.4	1554.0	1780.2	2021.7	2286.3	2581.5	2886.0	3207.8	3552.9
-45°	896.6	1054.3	1229.0	1430.8	1632.0	1845.6	2084.6	2341.9	2627.7	2914.1	3214.6
-47.5°	836.2	975.2	1137.4	1305.7	1490.5	1679.8	1879.9	2122.2	2369.0	2631.7	2892.0
-50°	775.9	906.0	1042.2	1197.2	1355.7	1521.7	1697.2	1913.8	2140.3	2361.1	2589.3
-52.5°	721.9	834.0	961.9	1093.5	1234.7	1378.7	1541.5	1730.0	1929.4	2126.1	2329.3
-55°	666.0	771.0	883.5	1002.1	1123.3	1251.4	1401.2	1569.1	1733.1	1916.1	2098.0
-57.5°	613.0	709.9	812.3	916.9	1025.8	1136.4	1280.6	1420.2	1572.6	1724.5	1882.2
-60°	561.3	651.0	744.9	839.7	934.1	1045.1	1167.5	1297.4	1427.1	1556.3	1703.8
-62.5°	508.9	594.7	680.2	766.3	853.9	956.8	1073.5	1188.0	1298.5	1421.5	1546.7
-65°	458.9	537.1	617.9	697.4	775.2	875.0	980.1	1088.4	1195.9	1299.2	1405.5
-67.5°	406.9	478.3	552.7	629.2	704.1	790.6	884.5	983.2	1083.4	1178.5	1275.9
-70°	352.4	416.7	483.8	553.3	625.8	702.9	783.2	869.6	958.4	1042.3	1127.1
-72.5°	295.6	351.3	410.7	473.6	536.7	602.8	673.2	747.4	820.0	890.4	963.6
-75°	240.3	284.0	333.7	386.7	440.4	496.3	555.0	615.5	673.9	731.0	789.9
-77.5°	186.1	220.7	258.3	298.9	339.2	382.6	428.5	476.8	522.1	566.6	611.8
-80°	134.2	155.9	183.4	213.5	243.8	274.8	306.5	338.9	367.9	398.4	431.3
-82.5°	88.4	104.0	120.4	137.5	154.7	172.5	191.8	214.7	233.8	252.8	271.8
-85°	46.7	51.5	61.4	71.8	81.9	92.4	103.2	114.4	124.3	133.8	142.8
-87.5°	27.5	30.0	32.7	35.4	37.6	39.8	42.1	44.2	47.3	50.3	53.4
-90°	4.5	4.5	4.5	4.5	4.2	4.0	3.7	3.4	3.4	3.4	3.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	12.3	12.9	13.5	14.0	14.6	14.9	15.2	15.4	15.7	16.0	16.3
87.5°	6.1	6.0	5.8	5.6	5.4	6.7	8.1	9.5	10.9	9.9	8.9
85°	12.4	12.4	12.3	12.2	12.0	13.9	15.8	17.7	19.5	17.9	16.1
82.5°	23.0	22.5	21.8	20.6	19.2	19.1	18.7	18.1	17.2	16.4	15.7
80°	36.1	34.5	32.3	29.7	26.7	25.1	23.5	21.8	19.9	19.4	18.9
77.5°	48.9	45.7	41.8	37.7	33.2	30.4	27.9	25.3	22.5	21.7	21.2
75°	57.9	53.8	48.1	42.0	35.7	31.5	28.3	25.2	22.1	21.0	20.4
72.5°	62.0	55.9	48.9	40.9	33.1	28.0	24.9	22.1	19.4	18.3	17.8
70°	58.8	50.2	42.3	34.6	27.4	22.6	20.3	18.4	16.8	16.0	15.5
67.5°	50.1	41.4	33.8	27.1	21.5	17.9	16.6	15.5	14.5	14.0	13.8
65°	38.8	32.1	26.3	21.5	17.7	15.2	14.2	13.3	12.4	11.8	11.6
62.5°	29.5	24.2	20.5	17.5	15.1	13.4	12.6	12.0	11.5	11.1	10.9
60°	23.6	19.2	16.8	15.2	13.8	12.5	12.3	12.2	12.1	11.8	11.4
57.5°	20.2	17.5	15.7	15.3	14.7	13.9	13.7	13.6	13.1	12.3	11.9
55°	19.3	18.6	17.9	18.2	18.2	17.5	16.4	15.7	15.1	14.5	14.6
52.5°	21.5	23.0	23.7	23.6	22.5	20.8	18.9	19.1	19.5	19.8	20.2
50°	28.7	30.5	30.4	28.0	27.8	26.8	24.6	25.6	27.0	27.4	27.6
47.5°	39.8	41.6	42.7	38.3	39.1	41.5	39.0	38.3	43.0	45.1	46.1
45°	58.1	65.1	67.2	68.5	66.6	72.8	72.9	70.0	79.2	84.2	85.9
42.5°	96.7	108.7	118.2	121.0	118.7	126.4	132.3	131.8	143.4	151.7	153.9
40°	161.8	173.2	186.7	191.8	194.0	201.0	215.9	225.5	237.2	250.0	256.6
37.5°	245.4	263.1	265.9	276.3	289.3	295.9	318.6	337.9	353.7	377.9	393.4
35°	367.8	414.6	364.1	388.0	421.2	425.0	445.6	490.2	501.4	543.7	567.0
32.5°	593.6	680.7	669.2	588.2	659.4	740.3	650.3	810.4	796.1	841.2	898.5
30°	936.8	1190.1	1218.2	1099.7	1297.5	1404.8	1387.6	1547.1	1649.4	1636.7	1835.2
27.5°	1671.2	1874.4	1966.7	2136.9	2243.7	2401.9	2680.4	2842.7	3134.6	3287.8	3471.5
25°	2466.2	2706.4	3002.9	3295.5	3517.7	3868.4	4259.3	4566.7	4979.9	5239.1	5428.0
22.5°	3325.4	3749.8	4162.5	4570.1	5018.8	5501.7	5963.0	6495.6	6998.4	7369.7	7650.4
20°	4267.5	4854.7	5438.5	5998.0	6557.8	7203.6	7774.7	8414.8	9032.4	9569.4	9939.2
17.5°	5432.0	6046.0	6791.5	7540.2	8265.4	9065.1	9908.7	10626.4	11492.6	12207.9	12746.0
15°	6700.4	7469.2	8282.9	9219.4	10198.7	11188.2	12211.4	13266.6	14252.6	15167.2	15852.2
12.5°	8010.0	8967.1	9958.5	10995.4	12131.0	13362.5	14648.2	15904.1	17123.3	18128.6	19068.4
10°	9268.1	10464.2	11614.6	12829.6	14137.3	15515.0	17020.6	18516.7	19933.5	21171.9	22183.4
7.5°	10370.5	11669.0	12996.2	14486.0	16038.3	17582.1	19213.4	20891.5	22504.2	23931.6	25114.1
5°	11406.7	12761.4	14106.0	15708.9	17421.5	19193.1	21039.9	22925.1	24666.2	26280.0	27589.5
2.5°	12214.7	13639.6	15022.1	16779.7	18586.9	20391.1	22274.3	24335.4	26277.6	28031.8	29316.7
0°	12708.0	14114.6	15450.5	17336.5	19195.5	21089.4	23166.2	25359.8	27405.2	29085.7	30337.4
-2.5°	12537.3	13909.7	15359.0	17211.6	19176.9	21071.1	23172.0	25385.8	27417.9	29125.6	30347.9
-5°	12303.1	13648.5	15115.4	16969.0	18887.1	20779.1	22850.4	25027.5	27023.2	28703.3	29860.9
-7.5°	12015.1	13313.7	14744.0	16541.8	18449.1	20343.4	22359.7	24419.5	26328.2	27998.2	29087.6
-10°	11674.6	12905.7	14320.6	16049.8	17942.6	19768.6	21684.5	23724.6	25640.1	27158.8	28328.1
-12.5°	11321.4	12520.7	13834.7	15470.7	17282.8	18980.4	20809.6	22774.2	24461.8	26014.9	27042.4
-15°	10916.8	12067.0	13299.1	14807.1	16449.4	18038.4	19627.3	21359.8	22899.7	24280.7	25372.5
-17.5°	10448.6	11538.4	12619.8	13975.7	15548.1	16967.3	18358.5	19867.1	21236.1	22504.0	23449.2
-20°	9801.9	10698.8	11737.8	13035.0	14397.1	15594.2	16863.5	18130.8	19349.5	20422.9	21223.2



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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°	8875.7	9748.3	10710.9	11771.8	12911.5	14011.0	15097.6	16134.4	17126.0	18019.2	18663.4
-25°	7889.7	8686.8	9555.7	10437.5	11347.5	12332.5	13285.5	14141.4	14956.8	15646.9	16177.5
-27.5°	6910.0	7663.8	8423.5	9135.2	9863.1	10685.8	11519.9	12236.5	12927.1	13467.7	13881.4
-30°	6035.0	6840.8	7509.8	7994.0	8699.4	9421.2	9961.9	10613.9	11158.0	11503.0	11947.6
-32.5°	5552.8	6160.6	6767.1	7265.0	7825.5	8458.8	8970.9	9503.5	9962.6	10333.4	10613.0
-35°	5113.0	5647.1	6159.5	6671.7	7172.1	7680.9	8152.9	8602.5	9009.8	9337.6	9596.7
-37.5°	4717.9	5180.1	5644.0	6085.9	6535.4	6960.6	7365.8	7753.6	8096.1	8391.5	8635.7
-40°	4318.9	4731.9	5139.9	5539.4	5932.5	6279.6	6628.0	6948.4	7237.4	7498.9	7712.4
-42.5°	3918.4	4286.8	4644.2	5006.6	5355.5	5656.7	5944.3	6209.2	6457.0	6679.8	6864.0
-45°	3524.5	3849.9	4164.8	4486.6	4780.8	5055.3	5306.1	5529.1	5742.0	5929.8	6084.6
-47.5°	3169.6	3434.5	3715.5	3990.2	4245.6	4492.9	4712.2	4908.5	5095.3	5254.3	5380.6
-50°	2839.7	3081.6	3318.5	3541.0	3779.6	3996.4	4182.0	4362.9	4532.8	4674.7	4781.3
-52.5°	2529.4	2752.7	2965.7	3173.4	3380.4	3573.3	3751.3	3916.7	4065.1	4195.2	4287.5
-55°	2283.9	2466.4	2638.9	2838.7	3028.7	3200.2	3359.7	3520.2	3663.3	3789.6	3866.8
-57.5°	2051.5	2216.1	2380.4	2553.1	2720.2	2881.3	3032.6	3173.4	3305.2	3423.4	3489.8
-60°	1844.0	1976.9	2133.1	2292.4	2443.9	2587.7	2729.8	2861.8	2984.3	3087.2	3145.9
-62.5°	1670.3	1796.5	1928.6	2061.7	2192.9	2326.7	2455.6	2578.2	2694.5	2788.2	2845.3
-65°	1517.0	1631.3	1746.8	1864.7	1984.1	2101.9	2211.8	2319.5	2424.6	2504.9	2556.4
-67.5°	1372.8	1471.1	1568.2	1668.5	1771.4	1873.1	1969.9	2065.4	2158.9	2223.7	2264.0
-70°	1214.7	1301.5	1385.1	1469.5	1553.6	1636.2	1716.2	1796.0	1874.9	1926.9	1961.4
-72.5°	1039.4	1112.0	1179.8	1247.3	1316.0	1383.9	1449.7	1513.7	1575.5	1615.8	1645.5
-75°	850.2	905.5	958.2	1011.4	1064.7	1119.9	1174.2	1226.3	1276.0	1306.2	1329.3
-77.5°	657.6	696.7	733.9	771.3	808.8	851.5	894.8	936.8	977.2	998.6	1014.5
-80°	464.4	491.8	517.2	541.5	564.5	591.8	619.2	645.8	671.3	683.5	692.5
-82.5°	290.9	307.0	322.1	336.4	349.8	364.4	378.3	391.2	403.1	409.0	413.4
-85°	151.3	158.3	164.8	170.7	176.2	183.0	189.3	195.3	200.7	202.5	203.7
-87.5°	56.4	58.6	60.6	62.6	64.4	67.0	69.5	71.9	74.2	74.9	75.4
-90°	3.4	3.4	3.4	3.4	3.4	3.1	2.8	2.5	2.2	2.2	2.2



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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°	16.5	16.8	16.8	16.8	16.8	16.8	16.5	16.3	16.0	15.7	15.4
87.5°	7.8	6.7	6.1	5.6	6.1	6.7	7.8	8.9	9.9	10.9	9.5
85°	14.2	12.3	11.7	11.2	11.7	12.3	14.2	16.1	17.9	19.5	17.7
82.5°	15.1	14.6	14.6	14.6	14.6	14.6	15.1	15.7	16.4	17.2	18.1
80°	18.5	18.0	18.0	18.0	18.0	18.0	18.5	18.9	19.4	19.9	21.8
77.5°	20.7	20.2	20.2	20.2	20.2	20.2	20.7	21.2	21.7	22.5	25.3
75°	19.8	19.2	19.1	19.1	19.1	19.2	19.8	20.4	21.0	22.1	25.2
72.5°	17.3	16.9	16.8	16.8	16.8	16.9	17.3	17.8	18.3	19.4	22.1
70°	15.1	14.7	14.6	14.6	14.6	14.7	15.1	15.5	16.0	16.8	18.4
67.5°	13.6	13.5	13.5	13.5	13.5	13.5	13.6	13.8	14.0	14.5	15.5
65°	11.4	11.3	11.2	11.2	11.2	11.3	11.4	11.6	11.8	12.4	13.3
62.5°	10.6	10.2	9.6	9.0	9.6	10.2	10.6	10.9	11.1	11.5	12.0
60°	10.9	10.3	10.1	10.1	10.1	10.3	10.9	11.4	11.8	12.1	12.2
57.5°	11.5	11.2	11.2	11.2	11.2	11.2	11.5	11.9	12.3	13.1	13.6
55°	14.6	14.5	14.5	14.6	14.5	14.5	14.6	14.6	14.5	15.1	15.7
52.5°	20.3	20.1	20.1	20.2	20.1	20.1	20.3	20.2	19.8	19.5	19.1
50°	27.9	27.9	27.5	26.9	27.5	27.9	27.9	27.6	27.4	27.0	25.6
47.5°	46.8	46.1	45.3	44.9	45.3	46.1	46.8	46.1	45.1	43.0	38.3
45°	88.0	87.3	86.0	85.3	86.0	87.3	88.0	85.9	84.2	79.2	70.0
42.5°	157.4	156.2	153.2	151.6	153.2	156.2	157.4	153.9	151.7	143.4	131.8
40°	264.0	265.4	263.1	261.6	263.1	265.4	264.0	256.6	250.0	237.2	225.5
37.5°	405.7	411.6	410.9	408.6	410.9	411.6	405.7	393.4	377.9	353.7	337.9
35°	577.8	584.3	580.9	580.4	580.9	584.3	577.8	567.0	543.7	501.4	490.2
32.5°	855.4	845.8	809.6	819.5	809.6	845.8	855.4	898.5	841.2	796.1	810.4
30°	1848.5	1884.1	1782.8	1701.9	1782.8	1884.1	1848.5	1835.2	1636.7	1649.4	1547.1
27.5°	3489.7	3566.3	3552.0	3635.0	3552.0	3566.3	3489.7	3471.5	3287.8	3134.6	2842.7
25°	5502.1	5552.9	5556.2	5406.5	5556.2	5552.9	5502.1	5428.0	5239.1	4979.9	4566.7
22.5°	7754.3	7803.4	7892.9	7893.1	7892.9	7803.4	7754.3	7650.4	7369.7	6998.4	6495.6
20°	10196.3	10205.3	10376.2	10388.6	10376.2	10205.3	10196.3	9939.2	9569.4	9032.4	8414.8
17.5°	13124.7	13267.1	13498.2	13363.6	13498.2	13267.1	13124.7	12746.0	12207.9	11492.6	10626.4
15°	16500.5	16818.7	17065.8	16954.8	17065.8	16818.7	16500.5	15852.2	15167.2	14252.6	13266.6
12.5°	19815.8	20317.3	20556.1	20497.8	20556.1	20317.3	19815.8	19068.4	18128.6	17123.3	15904.1
10°	22971.5	23677.4	23931.0	24020.5	23931.0	23677.4	22971.5	22183.4	21171.9	19933.5	18516.7
7.5°	25996.7	26643.6	27028.0	26867.5	27028.0	26643.6	25996.7	25114.1	23931.6	22504.2	20891.5
5°	28424.7	28971.0	29281.6	29171.0	29281.6	28971.0	28424.7	27589.5	26280.0	24666.2	22925.1
2.5°	30144.3	30654.4	30923.6	30788.2	30923.6	30654.4	30144.3	29316.7	28031.8	26277.6	24335.4
0°	31126.6	31646.4	31951.1	31973.1	31951.1	31646.4	31126.6	30337.4	29085.7	27405.2	25359.8
-2.5°	31088.2	31455.4	31669.7	31560.6	31669.7	31455.4	31088.2	30347.9	29125.6	27417.9	25385.8
-5°	30437.4	30747.5	30858.8	30811.2	30858.8	30747.5	30437.4	29860.9	28703.3	27023.2	25027.5
-7.5°	29634.5	29863.1	29939.6	29882.8	29939.6	29863.1	29634.5	29087.6	27998.2	26328.2	24419.5
-10°	28857.7	29086.2	29124.9	29092.5	29124.9	29086.2	28857.7	28328.1	27158.8	25640.1	23724.6
-12.5°	27726.7	27974.3	27982.4	27907.0	27982.4	27974.3	27726.7	27042.4	26014.9	24461.8	22774.2
-15°	25962.8	26165.3	26197.9	26155.7	26197.9	26165.3	25962.8	25372.5	24280.7	22899.7	21359.8
-17.5°	24002.1	24136.2	24281.5	24443.7	24281.5	24136.2	24002.1	23449.2	22504.0	21236.1	19867.1
-20°	21648.1	21808.5	21979.9	22161.5	21979.9	21808.5	21648.1	21223.2	20422.9	19349.5	18130.8



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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°	19002.4	19182.7	19358.5	19450.3	19358.5	19182.7	19002.4	18663.4	18019.2	17126.0	16134.4
-25°	16443.3	16662.7	16801.6	16885.2	16801.6	16662.7	16443.3	16177.5	15646.9	14956.8	14141.4
-27.5°	14097.1	14357.3	14485.4	14540.1	14485.4	14357.3	14097.1	13881.4	13467.7	12927.1	12236.5
-30°	12121.1	12280.9	12303.0	12385.8	12303.0	12280.9	12121.1	11947.6	11503.0	11158.0	10613.9
-32.5°	10818.4	10995.9	11103.7	11194.7	11103.7	10995.9	10818.4	10613.0	10333.4	9962.6	9503.5
-35°	9797.8	9958.5	10064.3	10108.0	10064.3	9958.5	9797.8	9596.7	9337.6	9009.8	8602.5
-37.5°	8819.5	8941.0	9014.9	9074.1	9014.9	8941.0	8819.5	8635.7	8391.5	8096.1	7753.6
-40°	7876.3	7996.7	8069.9	8089.5	8069.9	7996.7	7876.3	7712.4	7498.9	7237.4	6948.4
-42.5°	6995.9	7088.7	7152.4	7195.9	7152.4	7088.7	6995.9	6864.0	6679.8	6457.0	6209.2
-45°	6198.7	6280.5	6337.2	6371.9	6337.2	6280.5	6198.7	6084.6	5929.8	5742.0	5529.1
-47.5°	5473.6	5539.4	5584.6	5610.8	5584.6	5539.4	5473.6	5380.6	5254.3	5095.3	4908.5
-50°	4860.8	4919.5	4961.2	4986.6	4961.2	4919.5	4860.8	4781.3	4674.7	4532.8	4362.9
-52.5°	4359.7	4416.8	4458.8	4486.0	4458.8	4416.8	4359.7	4287.5	4195.2	4065.1	3916.7
-55°	3930.8	3983.3	4021.3	4045.9	4021.3	3983.3	3930.8	3866.8	3789.6	3663.3	3520.2
-57.5°	3546.3	3592.6	3624.8	3645.1	3624.8	3592.6	3546.3	3489.8	3423.4	3305.2	3173.4
-60°	3196.0	3237.8	3267.4	3288.1	3267.4	3237.8	3196.0	3145.9	3087.2	2984.3	2861.8
-62.5°	2895.8	2939.7	2963.2	2976.0	2963.2	2939.7	2895.8	2845.3	2788.2	2694.5	2578.2
-65°	2603.6	2646.0	2668.8	2681.9	2668.8	2646.0	2603.6	2556.4	2504.9	2424.6	2319.5
-67.5°	2299.5	2330.1	2353.3	2371.0	2353.3	2330.1	2299.5	2264.0	2223.7	2158.9	2065.4
-70°	1991.0	2015.7	2016.5	2009.5	2016.5	2015.7	1991.0	1961.4	1926.9	1874.9	1796.0
-72.5°	1671.3	1693.0	1698.6	1698.5	1698.6	1693.0	1671.3	1645.5	1615.8	1575.5	1513.7
-75°	1349.3	1365.9	1377.0	1384.2	1377.0	1365.9	1349.3	1329.3	1306.2	1276.0	1226.3
-77.5°	1027.5	1037.4	1046.7	1053.0	1046.7	1037.4	1027.5	1014.5	998.6	977.2	936.8
-80°	699.3	704.0	705.1	703.9	705.1	704.0	699.3	692.5	683.5	671.3	645.8
-82.5°	416.6	418.5	416.5	413.1	416.5	418.5	416.6	413.4	409.0	403.1	391.2
-85°	204.3	204.4	204.1	203.2	204.1	204.4	204.3	203.7	202.5	200.7	195.3
-87.5°	75.8	76.1	77.4	78.6	77.4	76.1	75.8	75.4	74.9	74.2	71.9
-90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.2	14.9	14.6	14.0	13.5	12.9	12.3	11.8	11.2	10.7	10.1
87.5°	8.1	6.7	5.4	5.6	5.8	6.0	6.1	5.8	5.5	5.2	5.0
85°	15.8	13.9	12.0	12.2	12.3	12.4	12.4	12.2	11.8	11.4	10.8
82.5°	18.7	19.1	19.2	20.6	21.8	22.5	23.0	23.1	22.8	22.0	20.8
80°	23.5	25.1	26.7	29.7	32.3	34.5	36.1	37.2	37.9	38.2	37.1
77.5°	27.9	30.4	33.2	37.7	41.8	45.7	48.9	51.0	52.1	52.7	51.3
75°	28.3	31.5	35.7	42.0	48.1	53.8	57.9	60.5	62.8	64.7	63.2
72.5°	24.9	28.0	33.1	40.9	48.9	55.9	62.0	67.1	71.2	74.4	71.8
70°	20.3	22.6	27.4	34.6	42.3	50.2	58.8	67.7	76.9	82.8	78.1
67.5°	16.6	17.9	21.5	27.1	33.8	41.4	50.1	60.3	70.1	79.6	77.8
65°	14.2	15.2	17.7	21.5	26.3	32.1	38.8	47.2	57.6	68.4	69.4
62.5°	12.6	13.4	15.1	17.5	20.5	24.2	29.5	36.5	44.6	51.2	54.7
60°	12.3	12.5	13.8	15.2	16.8	19.2	23.6	28.5	33.8	39.5	42.5
57.5°	13.7	13.9	14.7	15.3	15.7	17.5	20.2	23.3	28.2	31.8	34.0
55°	16.4	17.5	18.2	18.2	17.9	18.6	19.3	21.0	24.5	28.0	31.0
52.5°	18.9	20.8	22.5	23.6	23.7	23.0	21.5	22.0	24.0	27.4	30.3
50°	24.6	26.8	27.8	28.0	30.4	30.5	28.7	26.4	29.7	31.3	31.4
47.5°	39.0	41.5	39.1	38.3	42.7	41.6	39.8	39.6	43.5	40.3	39.0
45°	72.9	72.8	66.6	68.5	67.2	65.1	58.1	64.2	65.2	61.6	50.9
42.5°	132.3	126.4	118.7	121.0	118.2	108.7	96.7	99.8	97.8	90.0	83.6
40°	215.9	201.0	194.0	191.8	186.7	173.2	161.8	145.6	140.2	128.4	126.4
37.5°	318.6	295.9	289.3	276.3	265.9	263.1	245.4	215.8	189.7	201.0	186.6
35°	445.6	425.0	421.2	388.0	364.1	414.6	367.8	309.0	295.5	323.2	275.9
32.5°	650.3	740.3	659.4	588.2	669.2	680.7	593.6	453.6	522.6	521.2	435.4
30°	1387.6	1404.8	1297.5	1099.7	1218.2	1190.1	936.8	903.2	883.5	790.7	646.5
27.5°	2680.4	2401.9	2243.7	2136.9	1966.7	1874.4	1671.2	1461.4	1343.9	1174.0	947.1
25°	4259.3	3868.4	3517.7	3295.5	3002.9	2706.4	2466.2	2169.9	1915.6	1643.2	1325.0
22.5°	5963.0	5501.7	5018.8	4570.1	4162.5	3749.8	3325.4	2902.6	2542.3	2188.1	1783.1
20°	7774.7	7203.6	6557.8	5998.0	5438.5	4854.7	4267.5	3757.1	3289.6	2788.9	2276.2
17.5°	9908.7	9065.1	8265.4	7540.2	6791.5	6046.0	5432.0	4790.1	4109.2	3421.6	2788.3
15°	12211.4	11188.2	10198.7	9219.4	8282.9	7469.2	6700.4	5883.7	5005.3	4123.3	3370.3
12.5°	14648.2	13362.5	12131.0	10995.4	9958.5	8967.1	8010.0	7028.4	5963.2	4917.3	4052.8
10°	17020.6	15515.0	14137.3	12829.6	11614.6	10464.2	9268.1	8080.3	6875.4	5700.1	4711.6
7.5°	19213.4	17582.1	16038.3	14486.0	12996.2	11669.0	10370.5	9066.0	7748.1	6441.5	5342.4
5°	21039.9	19193.1	17421.5	15708.9	14106.0	12761.4	11406.7	9999.0	8569.9	7135.7	5939.2
2.5°	22274.3	20391.1	18586.9	16779.7	15022.1	13639.6	12214.7	10707.7	9143.7	7593.8	6326.8
0°	23166.2	21089.4	19195.5	17336.5	15450.5	14114.6	12708.0	11200.3	9554.5	7955.9	6671.7
-2.5°	23172.0	21071.1	19176.9	17211.6	15359.0	13909.7	12537.3	11077.5	9556.0	8020.6	6750.4
-5°	22850.4	20779.1	18887.1	16969.0	15115.4	13648.5	12303.1	10907.8	9487.3	8027.8	6782.1
-7.5°	22359.7	20343.4	18449.1	16541.8	14744.0	13313.7	12015.1	10707.5	9362.4	7985.4	6770.8
-10°	21684.5	19768.6	17942.6	16049.8	14320.6	12905.7	11674.6	10459.3	9185.1	7886.1	6716.6
-12.5°	20809.6	18980.4	17282.8	15470.7	13834.7	12520.7	11321.4	10166.0	8965.6	7731.7	6621.5
-15°	19627.3	18038.4	16449.4	14807.1	13299.1	12067.0	10916.8	9790.5	8606.1	7466.8	6487.8
-17.5°	18358.5	16967.3	15548.1	13975.7	12619.8	11538.4	10448.6	9320.7	8150.7	7033.3	6135.0
-20°	16863.5	15594.2	14397.1	13035.0	11737.8	10698.8	9801.9	8775.0	7603.7	6563.5	5711.7



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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°	15097.6	14011.0	12911.5	11771.8	10710.9	9748.3	8875.7	7989.4	6963.0	6021.7	5248.1
-25°	13285.5	12332.5	11347.5	10437.5	9555.7	8686.8	7889.7	7075.4	6263.4	5458.2	4754.5
-27.5°	11519.9	10685.8	9863.1	9135.2	8423.5	7663.8	6910.0	6214.3	5587.5	4942.7	4280.1
-30°	9961.9	9421.2	8699.4	7994.0	7509.8	6840.8	6035.0	5537.9	5039.0	4482.5	3893.0
-32.5°	8970.9	8458.8	7825.5	7265.0	6767.1	6160.6	5552.8	4968.4	4568.2	4089.7	3597.0
-35°	8152.9	7680.9	7172.1	6671.7	6159.5	5647.1	5113.0	4623.7	4167.6	3735.0	3318.1
-37.5°	7365.8	6960.6	6535.4	6085.9	5644.0	5180.1	4717.9	4267.7	3821.2	3434.3	3064.7
-40°	6628.0	6279.6	5932.5	5539.4	5139.9	4731.9	4318.9	3901.8	3515.4	3149.0	2817.8
-42.5°	5944.3	5656.7	5355.5	5006.6	4644.2	4286.8	3918.4	3552.9	3207.8	2886.0	2581.5
-45°	5306.1	5055.3	4780.8	4486.6	4164.8	3849.9	3524.5	3214.6	2914.1	2627.7	2341.9
-47.5°	4712.2	4492.9	4245.6	3990.2	3715.5	3434.5	3169.6	2892.0	2631.7	2369.0	2122.2
-50°	4182.0	3996.4	3779.6	3541.0	3318.5	3081.6	2839.7	2589.3	2361.1	2140.3	1913.8
-52.5°	3751.3	3573.3	3380.4	3173.4	2965.7	2752.7	2529.4	2329.3	2126.1	1929.4	1730.0
-55°	3359.7	3200.2	3028.7	2838.7	2638.9	2466.4	2283.9	2098.0	1916.1	1733.1	1569.1
-57.5°	3032.6	2881.3	2720.2	2553.1	2380.4	2216.1	2051.5	1882.2	1724.5	1572.6	1420.2
-60°	2729.8	2587.7	2443.9	2292.4	2133.1	1976.9	1844.0	1703.8	1556.3	1427.1	1297.4
-62.5°	2455.6	2326.7	2192.9	2061.7	1928.6	1796.5	1670.3	1546.7	1421.5	1298.5	1188.0
-65°	2211.8	2101.9	1984.1	1864.7	1746.8	1631.3	1517.0	1405.5	1299.2	1195.9	1088.4
-67.5°	1969.9	1873.1	1771.4	1668.5	1568.2	1471.1	1372.8	1275.9	1178.5	1083.4	983.2
-70°	1716.2	1636.2	1553.6	1469.5	1385.1	1301.5	1214.7	1127.1	1042.3	958.4	869.6
-72.5°	1449.7	1383.9	1316.0	1247.3	1179.8	1112.0	1039.4	963.6	890.4	820.0	747.4
-75°	1174.2	1119.9	1064.7	1011.4	958.2	905.5	850.2	789.9	731.0	673.9	615.5
-77.5°	894.8	851.5	808.8	771.3	733.9	696.7	657.6	611.8	566.6	522.1	476.8
-80°	619.2	591.8	564.5	541.5	517.2	491.8	464.4	431.3	398.4	367.9	338.9
-82.5°	378.3	364.4	349.8	336.4	322.1	307.0	290.9	271.8	252.8	233.8	214.7
-85°	189.3	183.0	176.2	170.7	164.8	158.3	151.3	142.8	133.8	124.3	114.4
-87.5°	69.5	67.0	64.4	62.6	60.6	58.6	56.4	53.4	50.3	47.3	44.2
-90°	2.8	3.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9.8	9.6	9.3	9.0	8.7	8.5	8.2	7.9	7.6	7.3	7.0
87.5°	5.9	6.8	7.6	8.3	7.9	7.6	7.2	6.9	6.9	6.8	6.7
85°	11.0	11.3	11.8	12.4	11.6	10.6	9.9	9.2	9.2	9.1	8.9
82.5°	18.8	17.8	17.3	16.9	16.6	16.0	15.0	13.7	12.2	11.4	11.1
80°	33.1	29.5	26.3	23.6	22.1	21.4	20.7	19.1	16.0	13.8	12.6
77.5°	45.9	41.0	36.5	32.0	28.2	25.6	24.1	23.3	19.6	16.1	13.7
75°	57.4	51.0	44.9	39.2	33.7	29.3	26.2	24.0	21.0	18.0	14.7
72.5°	64.9	58.4	52.2	45.6	38.5	32.6	28.0	24.6	21.5	18.5	15.4
70°	70.7	64.3	57.7	50.1	42.5	35.4	29.6	25.6	22.1	18.9	15.8
67.5°	74.6	66.9	60.3	53.9	46.1	38.3	31.0	26.5	23.0	19.4	16.2
65°	67.0	64.4	61.1	54.4	47.9	40.9	33.1	27.8	23.8	20.1	16.5
62.5°	57.0	57.4	55.4	53.3	48.0	41.5	35.2	29.9	24.8	20.8	17.0
60°	44.6	47.3	49.1	48.3	46.0	41.4	35.9	31.8	26.4	21.4	17.5
57.5°	36.9	38.0	40.8	42.8	42.1	39.5	36.4	32.7	27.9	22.6	18.1
55°	32.0	33.6	34.7	36.3	37.8	36.6	36.1	33.3	29.2	23.8	18.9
52.5°	31.9	32.4	32.6	32.2	32.9	34.0	34.6	33.8	29.8	24.8	20.2
50°	33.2	36.1	34.2	31.9	29.4	31.2	33.2	32.9	30.4	25.7	21.5
47.5°	39.1	43.2	40.8	34.3	30.5	28.9	31.5	31.9	31.0	26.3	22.8
45°	55.2	54.7	51.0	43.1	33.5	30.9	29.9	31.1	30.3	27.7	24.1
42.5°	77.2	74.1	66.2	53.4	46.7	35.2	28.8	30.2	29.7	29.3	25.5
40°	115.8	99.5	86.1	78.2	66.7	40.9	33.0	29.5	29.4	30.8	27.1
37.5°	161.0	136.6	113.3	113.8	94.1	63.6	38.5	29.2	31.1	32.2	28.7
35°	227.0	184.0	169.6	162.3	133.5	90.3	44.7	31.4	33.6	33.9	30.5
32.5°	302.9	276.2	266.5	223.7	179.6	121.0	63.2	40.3	36.8	36.0	32.3
30°	481.8	439.3	393.8	294.8	234.6	164.1	93.5	49.4	40.6	38.5	34.2
27.5°	770.4	632.6	550.6	410.1	301.8	213.3	131.4	58.8	45.1	41.5	36.1
25°	1081.7	888.4	737.7	556.0	375.3	289.5	174.0	69.2	52.0	45.0	38.2
22.5°	1433.4	1164.9	945.0	719.5	491.8	378.0	228.8	102.6	60.0	48.9	40.5
20°	1789.8	1445.5	1180.7	921.2	643.9	478.4	297.8	137.9	67.8	53.1	42.9
17.5°	2162.7	1802.1	1502.8	1151.6	814.1	584.3	372.4	174.6	75.6	57.5	45.3
15°	2733.0	2256.0	1848.5	1403.0	982.9	694.0	451.0	211.8	83.2	62.1	50.3
12.5°	3325.6	2718.3	2209.2	1669.0	1148.5	805.7	531.7	248.8	90.6	71.5	58.5
10°	3903.2	3182.7	2577.6	1942.7	1309.2	917.4	612.6	297.7	112.8	85.0	66.9
7.5°	4460.8	3642.6	2946.3	2216.6	1475.8	1064.3	759.1	373.6	138.0	98.8	75.3
5°	4962.3	4046.1	3294.5	2503.9	1703.0	1245.2	915.5	449.1	163.5	112.5	83.7
2.5°	5299.4	4353.9	3614.6	2772.1	1919.8	1419.2	1067.5	521.8	188.8	126.1	91.9
0°	5598.5	4631.9	3908.9	3015.3	2124.0	1585.1	1210.2	589.4	213.3	139.2	99.9
-2.5°	5674.1	4700.7	3999.8	3164.1	2295.8	1736.7	1339.1	693.7	292.8	188.4	131.1
-5°	5710.0	4746.3	4067.6	3288.3	2451.5	1878.1	1452.4	789.0	369.5	236.2	161.6
-7.5°	5717.6	4782.9	4103.8	3377.6	2590.0	2008.2	1549.0	873.9	441.9	282.0	190.7
-10°	5691.5	4797.6	4093.9	3354.4	2598.7	2061.9	1613.4	947.2	508.5	324.9	218.2
-12.5°	5630.6	4778.6	4059.7	3302.8	2567.8	2042.0	1571.7	975.0	565.8	364.2	243.6
-15°	5536.7	4723.5	4001.4	3221.7	2517.4	2009.1	1524.6	979.4	600.8	398.7	266.6
-17.5°	5362.9	4630.7	3919.2	3110.6	2447.0	1962.5	1474.3	977.8	630.7	428.5	288.4
-20°	4993.9	4394.6	3806.3	2968.8	2355.9	1901.9	1423.1	971.0	655.4	454.2	308.8



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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°	4602.2	4060.7	3505.6	2844.2	2259.9	1826.8	1373.2	959.7	674.5	475.6	326.2
-25°	4181.9	3721.5	3189.6	2640.5	2167.0	1749.1	1335.6	944.5	688.0	492.4	340.4
-27.5°	3788.5	3379.6	2892.5	2439.5	2035.4	1680.0	1306.4	954.0	699.1	504.5	351.3
-30°	3413.3	3058.5	2654.6	2254.1	1902.1	1588.7	1275.3	957.9	710.8	514.5	358.6
-32.5°	3142.5	2771.2	2438.4	2102.7	1785.4	1492.2	1215.4	954.6	715.9	521.6	364.2
-35°	2928.2	2558.4	2236.7	1953.0	1672.9	1401.6	1144.3	944.0	714.4	523.7	367.0
-37.5°	2706.8	2375.9	2076.2	1814.3	1557.2	1307.3	1084.8	897.9	706.2	520.8	366.2
-40°	2500.2	2196.2	1926.5	1685.4	1447.3	1209.6	1020.8	851.7	696.2	512.9	361.7
-42.5°	2286.3	2021.7	1780.2	1554.0	1337.4	1133.9	954.1	802.6	662.7	502.7	353.6
-45°	2084.6	1845.6	1632.0	1430.8	1229.0	1054.3	896.6	751.9	624.2	489.0	343.6
-47.5°	1879.9	1679.8	1490.5	1305.7	1137.4	975.2	836.2	706.8	583.7	470.3	332.4
-50°	1697.2	1521.7	1355.7	1197.2	1042.2	906.0	775.9	659.6	546.7	437.4	318.0
-52.5°	1541.5	1378.7	1234.7	1093.5	961.9	834.0	721.9	611.1	508.1	406.5	300.2
-55°	1401.2	1251.4	1123.3	1002.1	883.5	771.0	666.0	566.7	468.0	375.6	279.9
-57.5°	1280.6	1136.4	1025.8	916.9	812.3	709.9	613.0	520.8	430.3	343.2	261.4
-60°	1167.5	1045.1	934.1	839.7	744.9	651.0	561.3	475.0	392.2	310.5	238.2
-62.5°	1073.5	956.8	853.9	766.3	680.2	594.7	508.9	430.8	352.7	280.1	212.7
-65°	980.1	875.0	775.2	697.4	617.9	537.1	458.9	385.2	314.4	248.1	187.6
-67.5°	884.5	790.6	704.1	629.2	552.7	478.3	406.9	339.2	275.1	214.6	165.5
-70°	783.2	702.9	625.8	553.3	483.8	416.7	352.4	291.8	234.2	185.8	142.3
-72.5°	673.2	602.8	536.7	473.6	410.7	351.3	295.6	244.0	198.0	156.0	118.1
-75°	555.0	496.3	440.4	386.7	333.7	284.0	240.3	199.7	160.7	125.1	96.2
-77.5°	428.5	382.6	339.2	298.9	258.3	220.7	186.1	154.0	123.9	98.1	74.7
-80°	306.5	274.8	243.8	213.5	183.4	155.9	134.2	113.2	91.1	71.0	52.8
-82.5°	191.8	172.5	154.7	137.5	120.4	104.0	88.4	73.5	57.7	43.3	34.9
-85°	103.2	92.4	81.9	71.8	61.4	51.5	46.7	41.9	36.1	30.6	25.7
-87.5°	42.1	39.8	37.6	35.4	32.7	30.0	27.5	25.0	21.9	19.0	16.4
-90°	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.7	6.4	6.2	5.9	5.6	5.1	4.5
87.5°	6.5	6.0	5.6	5.2	4.9	4.7	4.5
85°	8.5	7.5	6.6	5.9	5.3	4.8	4.5
82.5°	10.5	9.0	7.7	6.6	5.7	5.0	4.5
80°	12.3	10.5	8.7	7.2	6.1	5.2	4.5
77.5°	12.5	11.4	9.7	7.9	6.4	5.4	4.5
75°	12.7	11.5	10.5	8.6	6.8	5.5	4.5
72.5°	12.9	11.5	10.5	9.2	7.2	5.7	4.5
70°	13.1	11.6	10.4	9.7	7.5	5.8	4.5
67.5°	13.5	11.5	10.3	9.5	7.9	6.0	4.5
65°	13.9	11.7	10.2	9.4	8.2	6.1	4.5
62.5°	14.4	12.1	10.1	9.3	8.5	6.3	4.5
60°	14.8	12.5	10.0	9.1	8.8	6.4	4.5
57.5°	15.5	12.8	10.2	9.0	8.8	6.6	4.5
55°	16.2	13.2	10.5	8.8	8.7	6.7	4.5
52.5°	16.9	13.6	10.8	8.6	8.7	6.8	4.5
50°	17.6	14.2	11.1	8.4	8.6	7.0	4.5
47.5°	18.4	14.8	11.4	8.3	8.6	7.1	4.5
45°	19.6	15.4	11.6	8.5	8.6	7.2	4.5
42.5°	20.7	16.0	11.8	8.6	8.6	7.3	4.5
40°	21.8	16.6	12.2	9.0	8.6	7.4	4.5
37.5°	22.9	17.2	12.6	9.4	8.7	7.5	4.5
35°	24.0	17.9	13.0	9.9	8.7	7.5	4.5
32.5°	25.1	18.8	13.4	10.4	8.8	7.6	4.5
30°	26.6	19.5	13.8	10.9	8.9	7.7	4.5
27.5°	28.0	20.3	14.9	11.4	8.9	7.7	4.5
25°	29.5	21.0	16.1	12.0	9.0	7.8	4.5
22.5°	30.9	22.3	17.4	12.5	9.1	7.8	4.5
20°	32.3	25.1	18.8	13.0	9.2	7.9	4.5
17.5°	36.1	28.0	20.1	13.5	9.3	7.9	4.5
15°	41.4	31.1	21.5	14.1	9.4	7.9	4.5
12.5°	46.8	34.2	22.9	14.6	9.6	7.9	4.5
10°	52.2	37.4	24.2	15.1	9.7	7.9	4.5
7.5°	57.6	40.5	25.6	15.5	9.8	7.9	4.5
5°	62.9	43.6	26.8	16.0	9.9	7.9	4.5
2.5°	68.0	46.6	28.1	16.4	10.0	7.9	4.5
0°	73.0	49.4	29.2	16.8	10.1	7.9	4.5
-2.5°	91.9	60.0	34.9	19.3	10.8	8.0	4.5
-5°	110.3	70.2	40.4	21.7	11.5	8.2	4.5
-7.5°	127.9	80.1	45.7	24.0	12.2	8.3	4.5
-10°	144.4	89.3	50.7	26.2	12.9	8.4	4.5
-12.5°	159.7	97.9	55.3	28.3	13.5	8.5	4.5
-15°	173.5	105.7	59.6	30.2	14.1	8.6	4.5
-17.5°	185.6	112.6	63.3	31.8	14.7	8.7	4.5
-20°	197.4	118.6	66.6	33.3	15.2	8.8	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	209.9	123.4	69.3	34.5	15.6	8.8	4.5
-25°	220.4	129.8	71.3	35.4	16.0	8.9	4.5
-27.5°	228.5	135.9	72.7	36.0	16.3	8.9	4.5
-30°	234.2	140.4	73.7	36.4	16.6	8.9	4.5
-32.5°	237.4	143.4	76.0	36.4	16.7	8.9	4.5
-35°	240.0	144.8	77.3	36.1	16.9	8.9	4.5
-37.5°	240.9	145.1	77.8	35.4	16.9	8.9	4.5
-40°	239.4	145.2	77.3	34.4	16.8	8.8	4.5
-42.5°	235.3	143.7	76.6	33.5	16.7	8.8	4.5
-45°	228.8	140.8	75.8	32.9	16.5	8.7	4.5
-47.5°	219.8	136.3	74.3	31.9	16.2	8.6	4.5
-50°	211.4	130.4	71.9	31.5	15.9	8.5	4.5
-52.5°	201.4	123.0	68.8	31.2	15.4	8.4	4.5
-55°	189.4	116.7	65.0	30.5	14.9	8.2	4.5
-57.5°	175.3	109.7	60.4	29.4	14.3	8.1	4.5
-60°	160.0	101.7	55.2	28.0	13.7	7.9	4.5
-62.5°	147.0	92.6	51.5	26.3	13.2	7.7	4.5
-65°	132.7	82.5	47.2	24.2	12.7	7.5	4.5
-67.5°	117.0	72.9	42.4	21.9	12.1	7.3	4.5
-70°	100.1	63.9	37.1	19.3	11.5	7.1	4.5
-72.5°	85.1	54.3	31.3	17.6	10.8	6.8	4.5
-75°	69.6	44.0	25.2	16.1	10.1	6.6	4.5
-77.5°	53.4	33.1	21.7	14.6	9.4	6.4	4.5
-80°	36.4	26.2	18.8	12.9	8.7	6.1	4.5
-82.5°	28.3	21.4	15.7	11.2	7.9	5.9	4.5
-85°	21.2	16.5	12.6	9.4	7.2	5.6	4.5
-87.5°	14.0	11.5	9.4	7.7	6.4	5.3	4.5
-90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5

(END OF REPORT)