

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: P1305596 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-1S-VHE-A**

Issue Date: 2/3/2026

Test Information

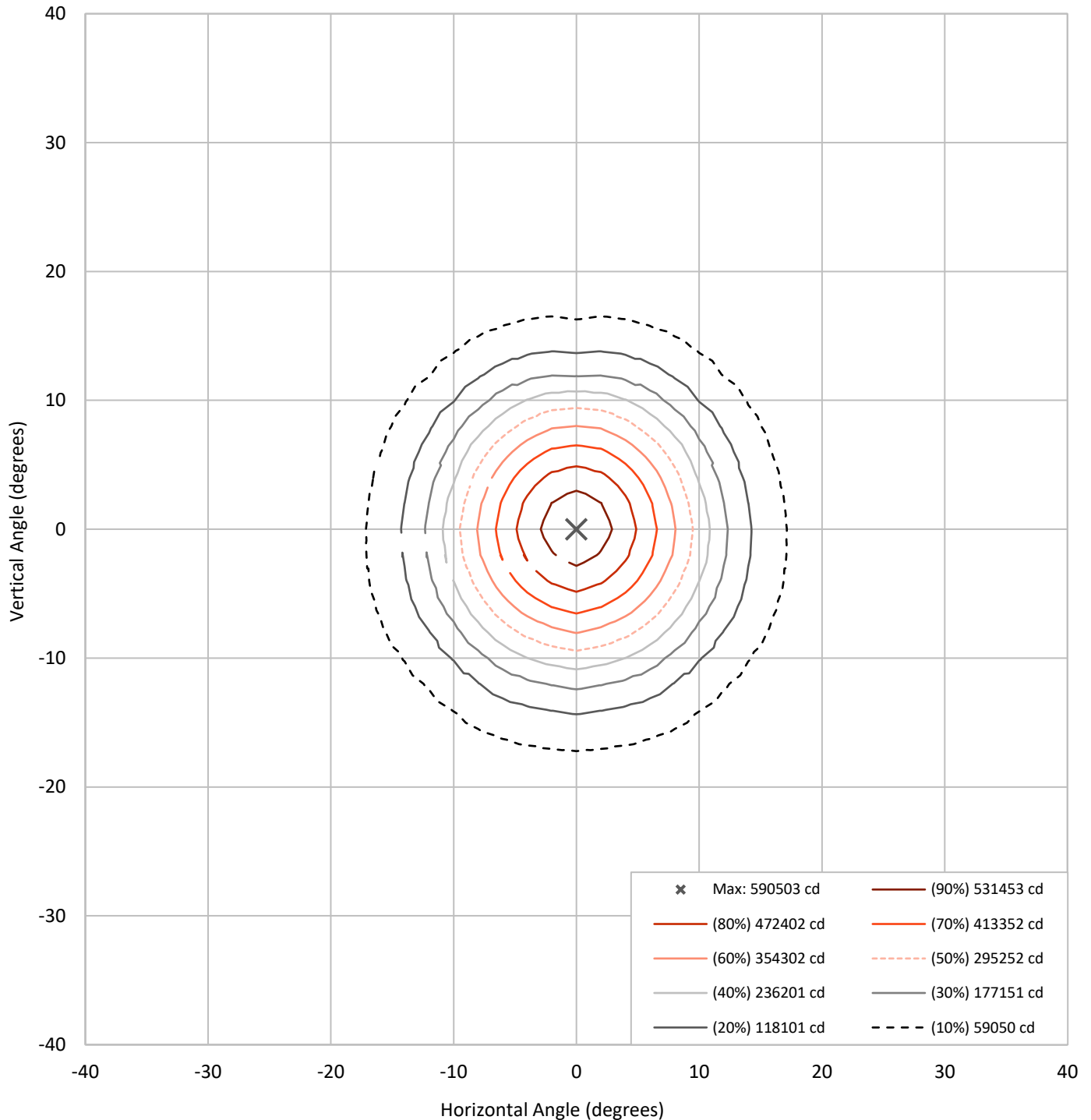
Test Method: LM-79-08
Report Number: P1305596 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-40-70-1S-VHE-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	77833.9 lumens	Max Intensity:	590503 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	34502.5 lumens	Field Lumens:	62840.9 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%
Input Watts (W):	677		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot





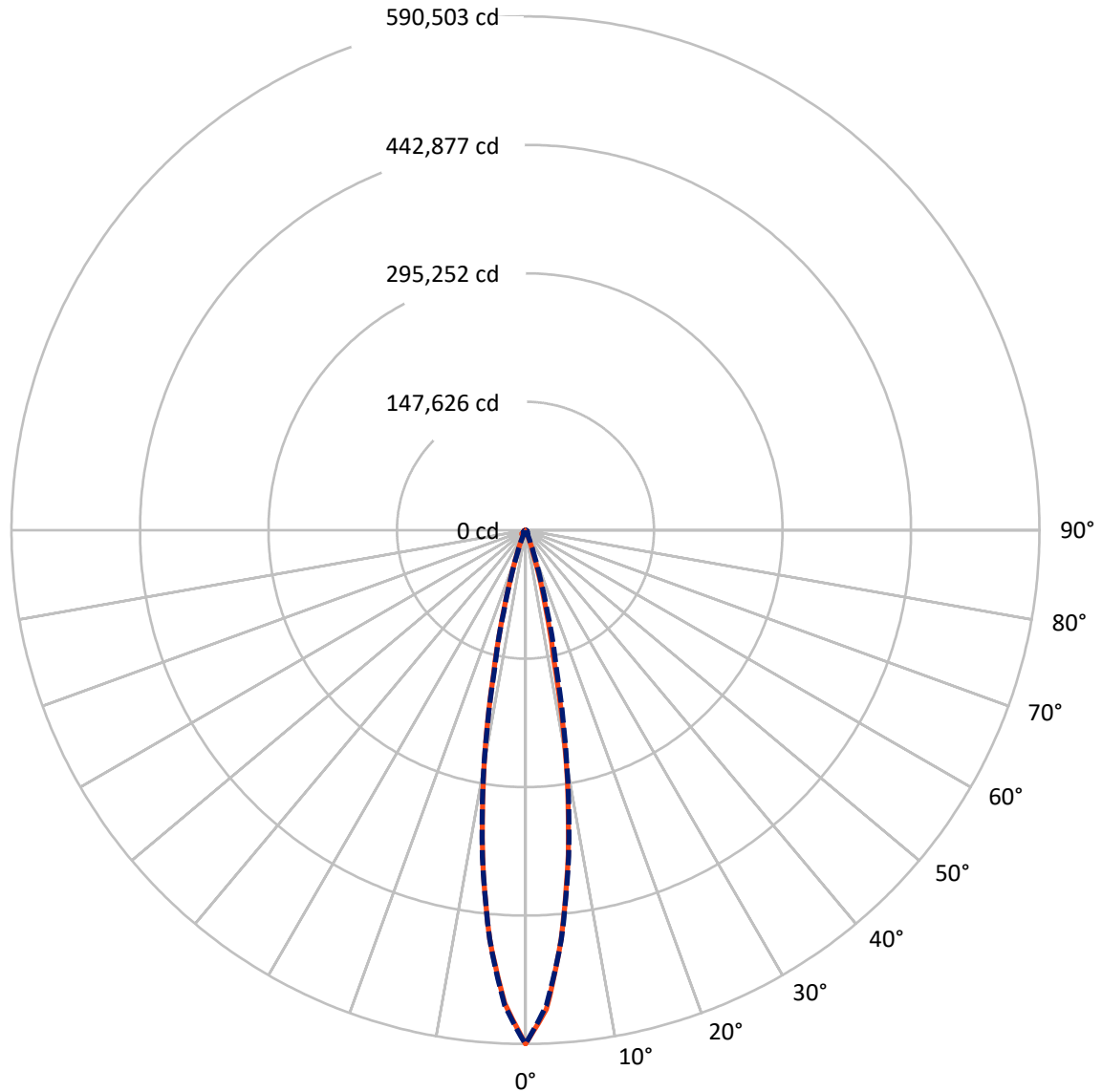
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Lumen Table

90	0.3	1.0		2.0		2.7		3.0		2.7		2.0		1.0		0.3			
80	0.3	1.0		2.0		2.7		3.0		2.7		2.0		1.0		0.3			
70	0.4	0.2	0.3	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.3	0.2	0.4			
60		0.5	0.9	1.0	0.9	0.8	1.0	1.1	1.1	1.0	0.8	0.9	1.0	0.9	0.5				
50	1.1	1.3	2.9	5.6	8.8	15.2	23.0	25.5	25.5	23.0	15.2	8.8	5.6	2.9	1.3	1.1			
40		3.0	8.4	15.2	31.8	52.1	58.3	61.2	61.2	58.3	52.1	31.8	15.2	8.4	3.0				
30	2.5	5.0	13.7	28.1	67.0	71.1	86.2	142.7	142.7	86.2	71.1	67.0	28.1	13.7	5.0	2.5			
20		6.8	17.6	50.1	88.7	104.7	652.2	2599.1	2599.1	652.2	104.7	88.7	50.1	17.6	6.8				
10	3.8	8.3	20.7	66.4	99.0	195.4	2635.3	10964.2	210964.2	2635.3	195.4	99.0	66.4	20.7	8.3	3.8			
0		9.3	23.1	70.8	110.1	218.5	2770.5	10911.3	10911.3	2770.5	218.5	110.1	70.8	23.1	9.3				
-10	4.4	9.7	24.8	70.0	121.9	150.3	769.2	2816.2	2816.2	769.2	150.3	121.9	70.0	24.8	9.7	4.4			
-20		9.3	25.1	54.1	124.2	152.1	166.0	257.8	257.8	166.0	152.1	124.2	54.1	25.1	9.3				
-30	4.2	8.4	23.4	43.2	91.0	152.9	171.8	173.8	173.8	171.8	152.9	91.0	43.2	23.4	8.4	4.2			
-40		7.0	19.2	37.8	56.4	85.2	126.2	157.4	157.4	126.2	85.2	56.4	37.8	19.2	7.0				
-50	3.5	5.4	14.0	27.5	43.9	57.2	66.6	72.7	72.7	66.6	57.2	43.9	27.5	14.0	5.4	3.5			
-60		4.3	9.1	16.8	26.5	35.6	43.4	48.6	48.6	43.4	35.6	26.5	16.8	9.1	4.3				
-70	2.4	16.4		39.2		61.6		73.5		61.6		39.2		16.4		2.4			
-80		16.4		39.2		61.6		73.5		61.6		39.2		16.4					
-90	2.4	16.4		39.2		61.6		73.5		61.6		39.2		16.4		2.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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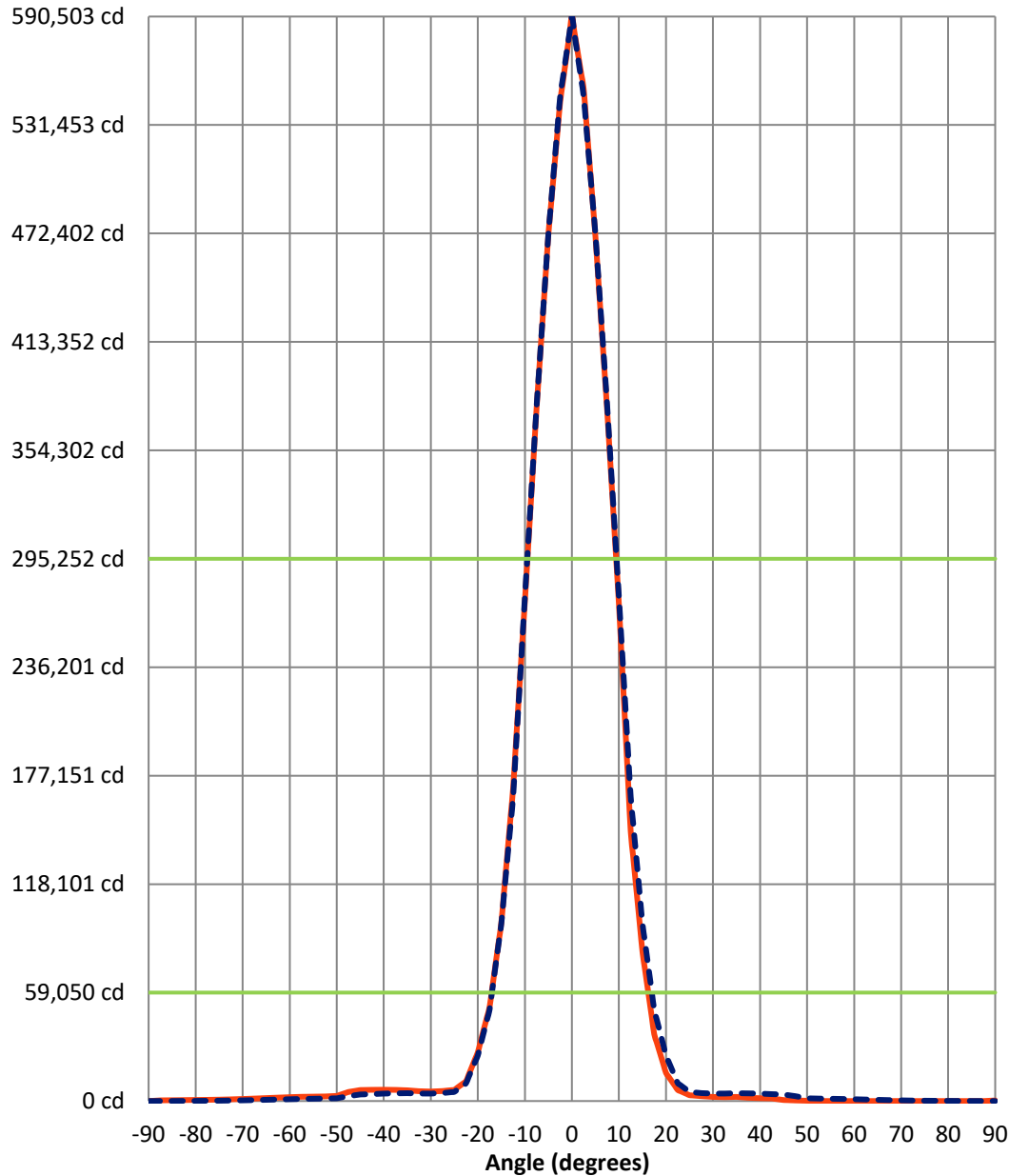
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 19°
 V Angle: 18.9°
 Lumens: 34502.5
 Efficiency: 44.3%

Field:
 H Angle: 34°
 V Angle: 33.3°
 Lumens: 62840.9
 Efficiency: 80.7%

Spill:
 Lumens: 14993
 Efficiency: 19.3%

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

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.5	22.5	36.6	54.9	73.2	91.6	109.9	123.0	136.0	149.1	162.1
87.5°	8.5	7.3	5.9	5.9	5.9	5.8	5.6	5.6	5.6	5.6	5.6
85°	8.5	7.5	6.1	6.2	6.1	5.9	5.6	5.6	5.6	5.6	5.6
82.5°	8.5	7.8	6.4	6.5	6.4	6.1	5.6	5.6	5.6	5.7	5.6
80°	8.5	8.1	6.7	6.7	6.6	6.3	5.8	6.0	6.2	6.0	5.7
77.5°	8.5	8.3	7.0	7.0	6.9	6.7	6.6	6.7	6.7	6.4	5.9
75°	8.5	8.6	7.3	7.3	7.3	7.7	7.4	7.4	7.4	7.3	6.7
72.5°	8.5	8.9	7.6	7.6	8.3	8.7	8.4	8.4	8.7	8.4	7.6
70°	8.5	9.1	8.0	8.1	9.4	9.8	9.4	9.9	10.1	9.7	9.2
67.5°	8.5	9.4	8.4	9.0	10.4	10.9	11.3	11.4	11.6	12.0	11.2
65°	8.5	9.7	8.8	9.9	11.5	12.5	13.2	13.0	14.3	14.5	13.7
62.5°	8.5	10.0	9.2	10.9	12.6	14.5	15.2	15.5	17.0	17.4	17.4
60°	8.5	10.3	9.6	11.8	13.8	16.7	17.4	18.4	20.0	21.5	21.3
57.5°	8.5	10.5	10.6	12.8	15.7	18.9	20.9	21.5	24.0	25.8	28.2
55°	8.5	10.8	11.5	13.7	17.7	21.2	24.7	25.5	28.4	31.4	36.9
52.5°	8.5	11.1	12.6	14.7	19.8	23.8	28.7	30.8	33.1	40.9	46.6
50°	8.5	11.4	13.6	15.7	21.9	27.5	32.9	36.6	39.3	50.9	61.8
47.5°	8.5	11.7	14.7	16.8	24.0	31.4	37.6	43.0	49.2	61.6	78.8
45°	8.5	12.0	15.8	18.4	26.1	35.3	43.5	49.7	61.4	78.2	96.9
42.5°	8.5	12.3	16.9	20.1	28.3	39.4	49.7	59.3	74.2	95.6	123.9
40°	8.5	12.6	18.1	22.2	31.1	43.5	56.1	70.8	89.0	114.1	154.2
37.5°	8.5	13.0	19.3	24.7	34.3	47.8	62.8	82.5	107.6	137.9	186.5
35°	8.5	13.3	20.5	27.3	37.5	52.8	69.6	94.5	126.7	167.9	222.9
32.5°	8.5	13.6	21.7	29.8	40.8	58.2	77.5	106.7	146.0	197.2	260.8
30°	8.5	13.9	23.0	32.5	44.0	63.7	87.4	120.0	165.6	225.9	297.1
27.5°	8.5	14.2	24.2	35.1	48.5	69.2	97.3	136.1	187.1	253.8	331.7
25°	8.5	14.4	25.5	37.8	53.2	74.7	107.0	152.1	210.6	282.6	364.9
22.5°	8.5	14.7	26.7	40.4	57.8	80.5	116.6	167.8	233.2	310.7	401.3
20°	8.5	15.0	27.9	43.0	62.4	87.2	126.0	183.3	254.9	337.2	435.7
17.5°	8.5	15.3	29.2	45.7	66.9	93.7	135.5	198.4	275.6	362.0	468.0
15°	8.5	15.6	30.3	48.2	71.3	99.9	144.6	212.3	295.1	385.2	498.1
12.5°	8.5	15.8	31.5	50.8	75.6	105.8	153.2	224.4	312.8	406.5	525.9
10°	8.5	16.0	32.6	53.2	79.7	111.5	161.3	235.5	329.0	429.8	554.5
7.5°	8.5	16.3	33.7	55.6	83.7	116.9	168.7	245.5	344.0	452.6	587.8
5°	8.5	16.5	34.7	57.8	87.5	122.0	175.6	254.5	357.7	474.1	619.0
2.5°	8.5	16.7	35.7	60.0	91.1	126.7	181.9	262.4	370.0	493.8	647.8
0°	8.5	16.9	36.6	62.0	94.4	131.1	187.5	269.2	380.6	511.6	673.7
-2.5°	8.5	17.7	38.6	65.3	98.6	136.5	194.1	278.4	393.0	525.3	688.2
-5°	8.5	18.5	40.5	68.4	102.6	141.6	200.1	286.4	403.6	536.6	699.3
-7.5°	8.5	19.3	42.3	71.3	106.3	146.3	205.4	293.1	412.1	545.5	707.2
-10°	8.5	20.1	44.1	74.1	109.8	150.6	209.9	298.4	418.5	552.1	711.8
-12.5°	8.5	20.8	45.7	76.7	112.9	154.5	213.7	302.3	422.6	556.5	716.6
-15°	8.5	21.5	47.2	79.0	115.9	157.9	216.8	304.7	425.0	560.4	719.4
-17.5°	8.5	22.2	48.6	81.2	118.5	160.9	219.1	306.5	425.8	561.6	718.2
-20°	8.5	22.8	49.8	83.2	120.8	163.5	221.1	307.3	424.3	559.9	713.1



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.5	23.4	51.0	84.9	122.9	165.6	223.0	306.5	420.5	555.3	703.9
-25°	8.5	24.0	52.0	86.4	124.7	167.7	223.9	304.0	414.4	547.7	690.7
-27.5°	8.5	24.5	52.8	87.7	126.2	169.3	223.9	299.7	406.0	537.7	679.4
-30°	8.5	25.0	53.5	88.7	127.4	170.5	222.9	293.6	398.1	526.0	665.0
-32.5°	8.5	25.4	54.1	89.5	128.5	171.1	220.9	290.3	389.7	511.6	647.2
-35°	8.5	25.8	54.5	90.1	129.1	171.2	220.3	287.2	379.1	494.4	625.9
-37.5°	8.5	26.1	54.7	90.3	129.4	171.1	219.8	282.8	366.4	474.6	604.0
-40°	8.5	26.4	54.8	90.4	129.3	171.1	218.7	277.1	351.4	456.3	578.9
-42.5°	8.5	26.7	54.7	90.2	128.9	170.5	216.8	270.3	340.6	436.5	549.8
-45°	8.5	26.9	54.5	89.6	128.3	169.5	214.3	264.4	331.3	414.0	517.8
-47.5°	8.5	27.0	54.1	88.9	127.2	168.0	211.1	260.5	320.5	389.2	489.5
-50°	8.5	27.1	53.6	88.0	125.8	166.0	208.4	255.9	307.4	374.0	458.2
-52.5°	8.5	27.2	52.9	86.9	124.1	163.5	205.3	250.4	297.9	356.9	425.6
-55°	8.5	27.2	52.0	85.5	121.9	160.7	201.6	244.3	289.7	338.0	403.7
-57.5°	8.5	27.1	51.0	83.9	119.5	157.4	197.3	239.1	280.7	325.3	379.7
-60°	8.5	27.0	49.9	82.0	116.7	153.7	192.5	232.7	271.3	314.0	358.0
-62.5°	8.5	26.9	49.4	80.0	113.7	149.5	187.2	225.5	262.7	301.7	344.0
-65°	8.5	26.7	48.7	77.7	110.4	144.9	181.3	217.7	253.4	290.3	329.1
-67.5°	8.5	26.5	48.0	75.2	106.7	140.0	174.9	209.3	243.5	278.6	314.8
-70°	8.5	26.2	47.1	72.5	102.8	134.7	168.0	200.3	232.5	266.2	300.4
-72.5°	8.5	25.9	46.1	70.6	98.6	129.0	160.7	190.8	221.0	252.4	285.0
-75°	8.5	25.5	45.0	68.8	94.1	122.9	152.9	180.6	208.8	237.9	268.0
-77.5°	8.5	25.1	43.8	66.8	90.8	116.5	144.7	170.0	195.8	222.6	250.3
-80°	8.5	24.6	42.5	64.7	87.7	111.4	136.1	159.0	182.3	206.5	231.5
-82.5°	8.5	24.2	41.1	62.4	84.3	106.8	129.7	148.7	168.4	189.9	211.9
-85°	8.5	23.7	39.7	60.1	80.8	101.9	123.3	140.4	157.7	175.5	193.7
-87.5°	8.5	23.1	38.2	57.5	77.1	96.8	116.7	131.8	147.0	162.4	178.0
-90°	8.5	7.1	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6



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 CATALOG NUMBER: EPH-08-640L-40-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	174.4	186.8	199.1	211.4	220.6	229.8	238.9	248.1	255.9	263.6	271.4
87.5°	5.3	4.9	4.6	4.2	4.2	4.2	4.2	4.2	3.9	3.5	3.2
85°	5.3	4.9	4.6	4.2	4.2	4.2	4.2	4.2	3.9	3.5	3.2
82.5°	5.3	4.9	4.6	4.2	4.2	4.2	4.2	4.2	4.0	3.7	3.6
80°	5.3	5.0	4.8	4.7	4.7	4.6	4.5	4.3	4.2	4.2	4.3
77.5°	5.7	5.7	5.6	5.5	5.3	5.1	5.0	5.0	5.0	4.8	4.6
75°	6.4	6.4	6.3	5.8	5.5	5.5	5.6	5.6	5.4	5.0	4.7
72.5°	7.3	7.3	6.9	6.1	5.9	6.0	6.0	5.8	6.1	7.0	7.7
70°	8.5	8.3	8.1	7.4	6.6	7.0	8.2	9.3	10.3	12.0	14.5
67.5°	10.0	10.4	10.0	9.3	9.2	10.6	11.9	16.4	21.3	24.0	25.0
65°	12.5	12.7	13.4	13.6	12.7	16.6	21.8	27.7	33.1	34.2	33.4
62.5°	15.5	17.1	18.3	19.4	20.9	24.8	30.7	36.6	42.6	40.9	35.2
60°	21.5	22.4	25.7	28.9	30.1	32.2	38.7	42.0	43.9	42.7	33.2
57.5°	28.9	30.5	36.0	39.7	40.9	38.5	40.9	42.9	42.7	37.6	28.8
55°	39.2	41.1	47.9	52.9	52.6	43.4	42.8	44.8	41.6	36.5	28.5
52.5°	53.9	55.1	62.6	67.9	66.1	56.5	49.7	52.8	52.3	45.7	38.8
50°	70.2	76.4	79.3	86.8	86.3	78.5	65.6	72.1	83.4	81.3	71.5
47.5°	93.3	101.4	101.7	110.8	115.0	121.7	110.7	124.5	141.3	175.7	164.8
45°	121.0	134.4	135.5	143.9	165.2	190.8	201.1	200.3	285.4	316.1	338.5
42.5°	151.6	173.2	182.3	181.7	250.1	289.0	311.1	381.5	446.2	465.7	476.2
40°	190.3	216.4	236.1	280.2	351.1	404.9	460.5	535.6	570.9	574.4	574.5
37.5°	232.9	270.7	302.6	377.8	468.1	527.9	597.0	629.3	653.7	655.1	682.8
35°	278.4	329.3	388.3	472.2	571.7	639.5	679.5	708.7	722.0	752.7	887.5
32.5°	330.7	392.1	469.1	562.4	657.5	726.6	750.4	775.6	808.1	899.1	1294.9
30°	383.4	462.7	545.8	646.3	742.7	791.3	816.5	848.1	899.1	1254.3	1802.5
27.5°	428.0	528.9	619.6	724.3	822.7	856.4	885.5	932.9	1149.7	1648.0	2409.8
25°	470.8	581.5	687.8	801.3	882.8	920.1	956.6	1020.9	1444.1	2233.7	2753.6
22.5°	513.6	634.7	749.6	877.5	942.6	981.3	1037.5	1277.6	1869.6	2818.9	3063.3
20°	557.5	687.8	811.1	939.1	1000.2	1040.4	1117.7	1568.4	2389.6	3068.6	3295.0
17.5°	600.6	739.0	868.9	982.5	1045.9	1102.7	1225.1	1860.9	2857.7	3315.0	3472.6
15°	642.4	787.9	921.4	1024.5	1091.4	1169.9	1477.5	2249.9	3161.4	3536.2	3685.8
12.5°	682.5	834.3	968.9	1064.8	1136.9	1236.5	1741.7	2634.4	3364.7	3710.3	3853.6
10°	720.4	877.9	1011.5	1103.2	1181.8	1301.7	2008.0	2959.0	3532.5	3828.0	3937.3
7.5°	756.2	915.5	1049.5	1139.6	1225.6	1364.4	2266.3	3226.8	3664.8	3927.9	3995.2
5°	787.5	946.3	1084.7	1178.8	1269.6	1419.9	2487.4	3441.1	3767.5	4011.0	4054.8
2.5°	814.4	972.7	1116.5	1216.5	1312.2	1464.2	2594.4	3528.0	3780.6	4047.6	4116.9
0°	837.2	995.1	1144.5	1251.6	1351.7	1502.5	2655.5	3573.1	3764.8	4057.9	4182.0
-2.5°	855.9	1025.5	1184.5	1288.6	1389.5	1538.8	2651.0	3607.9	3804.4	4151.2	4432.0
-5°	870.6	1051.2	1219.7	1322.9	1424.1	1569.9	2603.5	3597.9	3858.4	4233.8	4586.1
-7.5°	881.2	1071.2	1249.5	1355.1	1458.1	1605.4	2569.5	3641.0	4015.7	4331.9	4648.5
-10°	888.2	1084.4	1267.6	1385.2	1492.5	1640.5	2496.3	3623.0	4162.7	4430.1	4708.5
-12.5°	896.3	1091.9	1279.3	1411.4	1522.4	1668.2	2367.1	3536.4	4298.8	4536.0	4767.1
-15°	899.7	1094.4	1285.4	1433.5	1547.5	1687.9	2179.5	3376.2	4389.8	4593.7	4804.6
-17.5°	898.1	1092.0	1285.9	1451.1	1567.7	1699.3	1931.8	3079.5	4246.9	4616.3	4839.5
-20°	891.5	1084.7	1280.8	1464.2	1582.9	1713.4	1891.9	2738.4	3856.6	4599.4	4864.5



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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°	879.9	1072.7	1268.9	1456.9	1599.9	1731.4	1893.7	2384.6	3396.1	4542.0	4866.5
-25°	864.8	1055.7	1250.5	1449.0	1614.8	1743.6	1888.0	2075.6	2940.1	4046.6	4817.8
-27.5°	846.6	1032.8	1232.4	1434.0	1626.8	1751.6	1889.4	2060.9	2538.0	3474.2	4632.6
-30°	823.6	1007.2	1207.2	1410.8	1610.1	1760.1	1889.8	2027.0	2203.1	2957.8	3956.3
-32.5°	797.7	976.0	1173.8	1376.4	1578.9	1765.7	1878.9	2003.2	2154.6	2425.7	3278.5
-35°	771.5	943.9	1133.1	1333.9	1539.4	1732.0	1869.6	1980.8	2104.9	2269.9	2659.2
-37.5°	746.1	906.4	1085.4	1283.0	1484.7	1671.4	1852.3	1962.2	2075.9	2192.0	2354.0
-40°	716.1	863.6	1036.8	1223.7	1413.4	1599.6	1779.1	1943.3	2047.8	2148.3	2253.3
-42.5°	681.8	825.4	984.2	1155.2	1334.2	1515.1	1697.3	1869.9	2016.7	2106.7	2202.4
-45°	644.9	782.4	927.9	1085.4	1248.0	1422.9	1598.5	1774.5	1931.3	2071.5	2157.1
-47.5°	603.3	734.8	874.1	1010.2	1161.7	1322.6	1491.9	1657.5	1819.0	1968.0	2113.7
-50°	560.1	683.2	811.6	938.7	1074.1	1221.1	1376.6	1533.5	1688.4	1840.1	1983.3
-52.5°	521.5	626.7	745.2	866.0	989.0	1120.0	1258.3	1400.2	1548.8	1696.2	1829.4
-55°	479.8	575.6	674.5	788.5	905.3	1023.2	1138.7	1266.6	1399.2	1538.2	1662.5
-57.5°	446.0	522.9	609.7	706.2	815.8	926.6	1028.4	1131.3	1249.3	1372.5	1480.5
-60°	416.2	476.8	547.5	631.2	721.2	821.3	917.1	1012.2	1107.4	1201.5	1303.6
-62.5°	387.3	440.0	495.4	558.9	638.4	715.3	799.7	887.6	975.4	1059.7	1141.4
-65°	369.8	406.6	453.7	505.6	557.5	624.5	692.8	760.2	837.8	914.1	988.7
-67.5°	351.0	385.6	420.7	459.0	506.7	550.6	594.3	655.4	715.8	773.0	831.7
-70°	333.3	364.1	396.7	429.8	461.9	494.4	534.4	574.0	612.9	654.9	705.4
-72.5°	315.2	343.7	372.9	402.7	431.6	458.5	485.6	512.6	544.4	578.6	612.0
-75°	295.7	322.4	349.1	376.3	401.3	425.2	449.5	474.0	498.1	522.0	546.0
-77.5°	274.9	299.1	323.7	348.7	370.9	391.9	413.2	434.7	455.8	476.7	497.5
-80°	253.4	275.2	297.0	319.2	338.3	356.9	375.7	394.5	413.0	431.4	449.6
-82.5°	230.9	250.0	269.2	288.7	305.0	321.0	336.9	352.8	368.5	384.2	399.8
-85°	209.1	224.3	240.7	257.2	271.0	284.5	298.1	311.5	324.6	337.6	350.5
-87.5°	191.9	205.7	219.4	233.1	243.9	254.6	265.2	275.9	285.8	295.9	305.9
-90°	5.3	4.9	4.6	4.2	4.2	4.2	4.2	4.2	3.9	3.5	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°	279.1	284.4	289.7	294.9	300.2	304.8	309.4	313.9	318.5	321.3	324.2
87.5°	2.8	2.7	2.7	2.7	2.7	2.4	2.1	1.7	1.4	1.4	1.4
85°	2.8	2.8	2.8	2.8	2.8	2.5	2.1	1.8	1.4	1.4	1.4
82.5°	3.5	3.4	3.2	3.0	2.8	2.7	2.7	2.7	2.7	2.7	2.7
80°	4.2	3.9	3.6	3.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	4.3	3.9	3.6	3.2	2.9	2.8	2.8	2.8	2.8	2.8	2.8
75°	4.3	4.2	4.4	4.4	4.2	4.2	4.2	4.1	4.0	3.7	3.5
72.5°	8.4	8.7	8.6	8.8	8.9	9.1	9.5	9.7	9.7	9.8	9.9
70°	15.8	16.4	16.8	16.6	15.6	14.8	14.4	14.0	13.6	13.9	14.7
67.5°	24.1	22.4	21.6	20.4	18.2	16.2	15.1	13.9	12.6	12.0	11.9
65°	29.9	23.6	20.6	18.2	16.4	14.2	12.3	10.6	9.1	8.1	7.7
62.5°	28.4	20.2	16.0	13.5	11.3	9.3	7.7	6.5	5.5	5.1	5.1
60°	24.3	15.9	11.2	9.0	6.8	4.4	4.1	3.9	3.6	3.3	3.6
57.5°	21.7	14.3	8.7	8.5	7.3	5.3	4.6	4.6	3.9	2.8	3.2
55°	24.2	20.4	14.2	14.6	14.2	12.0	10.2	12.2	11.7	9.2	10.1
52.5°	36.3	41.6	34.0	31.5	43.0	42.7	33.3	45.6	52.3	51.2	52.2
50°	85.4	96.5	108.2	99.1	121.6	135.0	132.0	148.0	164.3	164.0	169.1
47.5°	202.3	232.8	236.2	242.3	268.0	300.7	327.4	346.1	355.7	351.8	354.6
45°	362.0	368.9	384.8	419.8	463.6	516.3	556.5	579.9	658.5	714.3	747.0
42.5°	479.9	501.4	540.1	632.6	700.3	855.9	1044.2	1117.2	1209.7	1256.6	1259.6
40°	598.1	652.7	812.8	981.2	1346.7	1618.5	1634.7	1749.9	1803.0	1744.5	1735.8
37.5°	793.3	996.1	1271.2	1660.2	1830.3	1904.1	1944.7	1959.4	1970.1	1960.3	1955.3
35°	1178.0	1530.7	1800.8	1927.6	2004.4	2006.9	2016.3	2015.0	2002.5	1995.9	1981.9
32.5°	1745.4	2081.8	2090.0	2080.2	2096.2	2087.1	2069.4	2061.3	2034.0	2017.6	2023.1
30°	2330.5	2332.4	2299.1	2222.0	2183.5	2171.7	2146.1	2125.1	2099.3	2103.2	2193.2
27.5°	2562.6	2534.2	2487.7	2421.2	2292.0	2266.6	2246.1	2237.3	2345.5	2444.3	2532.5
25°	2822.4	2748.6	2723.1	2665.1	2532.2	2385.1	2449.8	2551.5	2692.9	2840.3	2982.3
22.5°	3046.9	2993.7	2977.3	2955.8	2738.8	2675.5	2764.2	2931.5	3124.7	3380.6	4111.3
20°	3268.3	3210.8	3192.0	3083.8	2970.0	2985.7	3150.6	3442.4	3982.8	5924.3	8295.3
17.5°	3454.4	3394.9	3330.6	3204.3	3168.1	3326.4	3656.2	4681.4	7231.8	13604.6	20081.8
15°	3627.8	3549.6	3440.3	3357.4	3425.9	3720.6	4537.7	8030.5	16291.7	26988.5	40475.3
12.5°	3781.9	3662.2	3509.2	3466.1	3674.6	4170.9	7375.6	15757.9	28394.7	43633.7	75295.9
10°	3889.1	3734.0	3600.6	3674.7	4006.1	5338.3	10613.7	23624.7	42319.6	76403.8	115822.3
7.5°	3935.2	3794.9	3717.1	3876.4	4318.8	6855.6	15977.8	32673.1	59771.7	105603.1	168496.2
5°	3987.5	3890.6	3847.2	4076.1	4620.1	8091.8	19835.6	40287.8	78434.6	133027.3	214017.8
2.5°	4093.0	4000.7	3970.5	4251.4	4883.7	9244.4	22850.1	46207.7	90799.0	155911.3	254414.4
0°	4279.2	4087.5	4063.6	4338.4	4989.6	9769.2	24828.2	49777.7	96680.0	165702.8	274290.2
-2.5°	4427.1	4198.8	4153.2	4398.3	5036.2	9512.0	24627.6	49654.6	94280.6	162430.3	261668.1
-5°	4556.2	4327.1	4264.1	4491.8	5138.7	9502.5	23322.8	45560.9	84363.9	142730.2	220523.3
-7.5°	4671.0	4472.9	4379.7	4560.9	5152.2	8509.7	18864.3	37510.9	67434.2	111435.8	170682.5
-10°	4792.1	4640.0	4513.0	4634.2	5094.9	6770.8	12620.1	27039.3	48023.9	80811.9	121466.2
-12.5°	4930.5	4853.9	4667.1	4684.8	5017.4	5713.6	9327.5	18877.5	33341.2	50906.3	80375.1
-15°	5047.9	5044.5	4888.2	4838.4	5003.8	5450.2	6507.6	10483.2	20224.6	32723.6	47301.2
-17.5°	5072.4	5197.4	5137.5	4985.5	4995.3	5245.6	5681.4	6947.1	10159.0	18005.3	26678.9
-20°	5088.2	5355.1	5361.3	5238.0	5129.9	5102.0	5301.2	5670.4	6388.0	9039.6	12529.7



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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°	5112.3	5365.9	5546.4	5512.3	5300.0	5175.9	5131.4	5271.2	5514.1	5856.2	6988.6
-25°	5123.7	5360.5	5618.7	5689.6	5600.6	5373.4	5203.6	5108.7	5194.6	5303.2	5524.7
-27.5°	5074.9	5352.0	5602.4	5812.3	5837.9	5689.4	5439.6	5237.0	5158.3	5083.7	5174.9
-30°	4993.7	5303.2	5565.1	5823.3	5926.6	5879.1	5748.4	5583.9	5392.0	5242.7	5190.3
-32.5°	4328.9	5230.3	5498.5	5722.3	5892.6	5941.3	5942.7	5854.6	5772.6	5657.4	5522.7
-35°	3566.5	4566.3	5439.0	5551.7	5707.9	5869.2	5989.0	5993.1	5983.5	5928.9	5872.1
-37.5°	2772.4	3704.2	4543.4	5215.3	5451.5	5641.4	5846.5	5985.2	6072.2	6056.6	6046.1
-40°	2413.7	2707.3	3492.5	4177.4	4751.9	5292.5	5514.8	5763.9	5964.2	6033.9	6080.9
-42.5°	2302.9	2428.5	2556.3	3075.3	3667.2	4187.9	4677.5	5144.4	5561.3	5797.5	5961.9
-45°	2242.2	2312.1	2390.3	2505.9	2605.8	3036.9	3475.7	3901.7	4421.9	4900.7	5315.8
-47.5°	2186.0	2240.6	2301.2	2360.7	2416.1	2494.4	2562.3	2683.2	3072.8	3465.6	3859.8
-50°	2095.4	2185.8	2236.0	2280.4	2319.6	2356.0	2387.4	2442.0	2506.7	2563.1	2620.1
-52.5°	1944.1	2045.8	2142.4	2215.6	2246.3	2276.5	2307.4	2348.8	2387.1	2422.1	2449.0
-55°	1774.4	1877.4	1974.8	2048.9	2115.5	2176.7	2231.3	2268.0	2303.7	2338.2	2364.4
-57.5°	1587.9	1692.8	1788.1	1859.1	1925.7	1987.4	2047.5	2105.2	2158.1	2205.7	2246.3
-60°	1398.9	1487.5	1573.6	1648.8	1717.4	1779.2	1838.6	1895.4	1947.4	1994.2	2034.8
-62.5°	1221.6	1303.6	1371.7	1433.2	1492.2	1549.3	1609.4	1664.7	1715.0	1760.9	1803.1
-65°	1061.6	1132.3	1183.8	1232.0	1277.5	1326.5	1379.4	1428.1	1472.6	1513.8	1551.8
-67.5°	897.0	958.3	1003.5	1045.2	1084.0	1123.1	1165.4	1204.7	1241.0	1275.7	1308.3
-70°	754.2	796.9	828.5	860.4	894.9	930.1	966.5	999.6	1029.5	1057.9	1084.0
-72.5°	644.3	670.6	692.8	720.0	744.7	770.9	798.0	823.0	845.9	868.1	889.0
-75°	570.0	589.3	607.3	624.2	640.0	658.8	678.3	696.7	714.0	730.3	745.6
-77.5°	518.3	533.3	545.7	557.4	568.6	583.2	598.4	613.3	627.7	640.0	651.3
-80°	467.7	479.8	490.4	500.6	510.5	523.0	535.8	548.2	560.4	571.5	582.1
-82.5°	415.4	425.2	434.2	442.9	451.3	462.0	472.6	482.8	492.8	501.9	510.8
-85°	363.3	370.8	377.8	384.7	391.3	400.0	408.6	417.0	425.2	431.2	436.9
-87.5°	315.9	321.5	326.8	332.1	337.2	343.5	349.7	355.9	362.0	366.0	369.9
-90°	2.8	2.5	2.1	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4



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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°	327.0	329.8	329.1	328.4	329.1	329.8	327.0	324.2	321.3	318.5	313.9
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	3.2	2.8	2.8	2.8	2.8	2.8	3.2	3.5	3.7	4.0	4.1
72.5°	9.9	9.7	9.9	9.9	9.9	9.7	9.9	9.9	9.8	9.7	9.7
70°	15.7	16.6	16.8	16.9	16.8	16.6	15.7	14.7	13.9	13.6	14.0
67.5°	11.7	11.5	10.7	9.9	10.7	11.5	11.7	11.9	12.0	12.6	13.9
65°	7.4	7.2	7.0	7.0	7.0	7.2	7.4	7.7	8.1	9.1	10.6
62.5°	5.3	5.6	5.6	5.6	5.6	5.6	5.3	5.1	5.1	5.5	6.5
60°	3.8	4.2	4.2	4.2	4.2	4.2	3.8	3.6	3.3	3.6	3.9
57.5°	3.7	4.1	4.2	4.2	4.2	4.1	3.7	3.2	2.8	3.9	4.6
55°	10.7	11.0	10.7	9.9	10.7	11.0	10.7	10.1	9.2	11.7	12.2
52.5°	51.4	47.4	41.3	33.8	41.3	47.4	51.4	52.2	51.2	52.3	45.6
50°	178.9	183.7	179.4	166.3	179.4	183.7	178.9	169.1	164.0	164.3	148.0
47.5°	368.5	372.5	359.7	329.8	359.7	372.5	368.5	354.6	351.8	355.7	346.1
45°	771.3	765.4	699.0	561.0	699.0	765.4	771.3	747.0	714.3	658.5	579.9
42.5°	1330.1	1389.4	1424.3	1425.0	1424.3	1389.4	1330.1	1259.6	1256.6	1209.7	1117.2
40°	1721.6	1652.1	1576.3	1564.5	1576.3	1652.1	1721.6	1735.8	1744.5	1803.0	1749.9
37.5°	1943.4	1958.1	1949.7	1785.8	1949.7	1958.1	1943.4	1955.3	1960.3	1970.1	1959.4
35°	2014.1	2124.2	2237.5	2260.8	2237.5	2124.2	2014.1	1981.9	1995.9	2002.5	2015.0
32.5°	2048.2	2086.0	2096.3	2100.1	2096.3	2086.0	2048.2	2023.1	2017.6	2034.0	2061.3
30°	2234.6	2259.3	2255.7	2251.0	2255.7	2259.3	2234.6	2193.2	2103.2	2099.3	2125.1
27.5°	2574.1	2614.9	2633.1	2645.6	2633.1	2614.9	2574.1	2532.5	2444.3	2345.5	2237.3
25°	3060.0	3122.4	3165.3	3184.0	3165.3	3122.4	3060.0	2982.3	2840.3	2692.9	2551.5
22.5°	4955.2	5387.6	5815.6	6036.9	5815.6	5387.6	4955.2	4111.3	3380.6	3124.7	2931.5
20°	12370.3	14238.6	15091.8	15340.9	15091.8	14238.6	12370.3	8295.3	5924.3	3982.8	3442.4
17.5°	28807.7	35889.9	40626.8	36476.3	40626.8	35889.9	28807.7	20081.8	13604.6	7231.8	4681.4
15°	58962.8	76899.3	86936.1	81288.3	86936.1	76899.3	58962.8	40475.3	26988.5	16291.7	8030.5
12.5°	106234.0	134226.7	153027.6	146827.6	153027.6	134226.7	106234.0	75295.9	43633.7	28394.7	15757.9
10°	167210.0	223498.9	260979.4	270245.0	260979.4	223498.9	167210.0	115822.3	76403.8	42319.6	23624.7
7.5°	242653.8	312347.1	367359.4	375873.8	367359.4	312347.1	242653.8	168496.2	105603.1	59771.7	32673.1
5°	316460.0	398723.9	455963.1	470822.9	455963.1	398723.9	316460.0	214017.8	133027.3	78434.6	40287.8
2.5°	362269.5	451807.1	520754.8	551124.6	520754.8	451807.1	362269.5	254414.4	155911.3	90799.0	46207.7
0°	378620.2	472130.9	546939.1	590503.0	546939.1	472130.9	378620.2	274290.2	165702.8	96680.0	49777.7
-2.5°	365943.2	450625.9	513777.3	544061.6	513777.3	450625.9	365943.2	261668.1	162430.3	94280.6	49654.6
-5°	311680.3	395818.6	447199.8	471868.7	447199.8	395818.6	311680.3	220523.3	142730.2	84363.9	45560.9
-7.5°	243550.4	310892.8	355261.6	377704.7	355261.6	310892.8	243550.4	170682.5	111435.8	67434.2	37510.9
-10°	170412.1	223839.6	253747.7	272060.4	253747.7	223839.6	170412.1	121466.2	80811.9	48023.9	27039.3
-12.5°	110878.5	141976.5	158727.0	170459.8	158727.0	141976.5	110878.5	80375.1	50906.3	33341.2	18877.5
-15°	67309.9	82465.7	91559.9	97260.7	91559.9	82465.7	67309.9	47301.2	32723.6	20224.6	10483.2
-17.5°	37568.4	44078.0	48687.4	51237.9	48687.4	44078.0	37568.4	26678.9	18005.3	10159.0	6947.1
-20°	18641.5	22759.5	25464.4	26600.0	25464.4	22759.5	18641.5	12529.7	9039.6	6388.0	5670.4



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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°	8603.2	9703.2	10431.5	10778.4	10431.5	9703.2	8603.2	6988.6	5856.2	5514.1	5271.2
-25°	5740.0	5912.7	6039.5	6094.6	6039.5	5912.7	5740.0	5524.7	5303.2	5194.6	5108.7
-27.5°	5257.5	5348.9	5424.8	5454.7	5424.8	5348.9	5257.5	5174.9	5083.7	5158.3	5237.0
-30°	5150.1	5154.1	5175.5	5175.7	5175.5	5154.1	5150.1	5190.3	5242.7	5392.0	5583.9
-32.5°	5420.7	5361.3	5335.4	5363.1	5335.4	5361.3	5420.7	5522.7	5657.4	5772.6	5854.6
-35°	5834.2	5818.2	5819.5	5849.4	5819.5	5818.2	5834.2	5872.1	5928.9	5983.5	5993.1
-37.5°	6048.8	6061.3	6075.6	6079.1	6075.6	6061.3	6048.8	6046.1	6056.6	6072.2	5985.2
-40°	6108.3	6132.9	6151.5	6158.1	6151.5	6132.9	6108.3	6080.9	6033.9	5964.2	5763.9
-42.5°	6034.5	6083.6	6109.6	6115.8	6109.6	6083.6	6034.5	5961.9	5797.5	5561.3	5144.4
-45°	5617.3	5836.1	5959.8	5993.2	5959.8	5836.1	5617.3	5315.8	4900.7	4421.9	3901.7
-47.5°	4243.3	4586.6	4825.6	4936.0	4825.6	4586.6	4243.3	3859.8	3465.6	3072.8	2683.2
-50°	2679.8	2736.4	2778.7	2804.9	2778.7	2736.4	2679.8	2620.1	2563.1	2506.7	2442.0
-52.5°	2472.3	2493.2	2505.3	2510.3	2505.3	2493.2	2472.3	2449.0	2422.1	2387.1	2348.8
-55°	2386.9	2406.1	2414.5	2415.9	2414.5	2406.1	2386.9	2364.4	2338.2	2303.7	2268.0
-57.5°	2281.3	2310.7	2323.6	2325.7	2323.6	2310.7	2281.3	2246.3	2205.7	2158.1	2105.2
-60°	2069.3	2097.7	2111.7	2117.1	2111.7	2097.7	2069.3	2034.8	1994.2	1947.4	1895.4
-62.5°	1839.6	1870.5	1879.9	1878.9	1879.9	1870.5	1839.6	1803.1	1760.9	1715.0	1664.7
-65°	1585.1	1613.4	1621.5	1620.9	1621.5	1613.4	1585.1	1551.8	1513.8	1472.6	1428.1
-67.5°	1337.1	1362.0	1370.6	1372.8	1370.6	1362.0	1337.1	1308.3	1275.7	1241.0	1204.7
-70°	1107.0	1126.7	1131.7	1131.8	1131.7	1126.7	1107.0	1084.0	1057.9	1029.5	999.6
-72.5°	908.0	925.0	927.9	927.4	927.9	925.0	908.0	889.0	868.1	845.9	823.0
-75°	760.1	773.5	774.0	772.4	774.0	773.5	760.1	745.6	730.3	714.0	696.7
-77.5°	662.0	671.9	674.0	675.1	674.0	671.9	662.0	651.3	640.0	627.7	613.3
-80°	592.3	601.9	601.6	600.4	601.6	601.9	592.3	582.1	571.5	560.4	548.2
-82.5°	519.4	527.6	527.7	527.2	527.7	527.6	519.4	510.8	501.9	492.8	482.8
-85°	442.4	447.6	447.4	446.8	447.4	447.6	442.4	436.9	431.2	425.2	417.0
-87.5°	373.8	377.5	377.7	377.7	377.7	377.5	373.8	369.9	366.0	362.0	355.9
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	309.4	304.8	300.2	294.9	289.7	284.4	279.1	271.4	263.6	255.9	248.1
87.5°	2.1	2.4	2.7	2.7	2.7	2.7	2.8	3.2	3.5	3.9	4.2
85°	2.1	2.5	2.8	2.8	2.8	2.8	2.8	3.2	3.5	3.9	4.2
82.5°	2.7	2.7	2.8	3.0	3.2	3.4	3.5	3.6	3.7	4.0	4.2
80°	2.8	2.8	2.8	3.2	3.6	3.9	4.2	4.3	4.2	4.2	4.3
77.5°	2.8	2.8	2.9	3.2	3.6	3.9	4.3	4.6	4.8	5.0	5.0
75°	4.2	4.2	4.2	4.4	4.4	4.2	4.3	4.7	5.0	5.4	5.6
72.5°	9.5	9.1	8.9	8.8	8.6	8.7	8.4	7.7	7.0	6.1	5.8
70°	14.4	14.8	15.6	16.6	16.8	16.4	15.8	14.5	12.0	10.3	9.3
67.5°	15.1	16.2	18.2	20.4	21.6	22.4	24.1	25.0	24.0	21.3	16.4
65°	12.3	14.2	16.4	18.2	20.6	23.6	29.9	33.4	34.2	33.1	27.7
62.5°	7.7	9.3	11.3	13.5	16.0	20.2	28.4	35.2	40.9	42.6	36.6
60°	4.1	4.4	6.8	9.0	11.2	15.9	24.3	33.2	42.7	43.9	42.0
57.5°	4.6	5.3	7.3	8.5	8.7	14.3	21.7	28.8	37.6	42.7	42.9
55°	10.2	12.0	14.2	14.6	14.2	20.4	24.2	28.5	36.5	41.6	44.8
52.5°	33.3	42.7	43.0	31.5	34.0	41.6	36.3	38.8	45.7	52.3	52.8
50°	132.0	135.0	121.6	99.1	108.2	96.5	85.4	71.5	81.3	83.4	72.1
47.5°	327.4	300.7	268.0	242.3	236.2	232.8	202.3	164.8	175.7	141.3	124.5
45°	556.5	516.3	463.6	419.8	384.8	368.9	362.0	338.5	316.1	285.4	200.3
42.5°	1044.2	855.9	700.3	632.6	540.1	501.4	479.9	476.2	465.7	446.2	381.5
40°	1634.7	1618.5	1346.7	981.2	812.8	652.7	598.1	574.5	574.4	570.9	535.6
37.5°	1944.7	1904.1	1830.3	1660.2	1271.2	996.1	793.3	682.8	655.1	653.7	629.3
35°	2016.3	2006.9	2004.4	1927.6	1800.8	1530.7	1178.0	887.5	752.7	722.0	708.7
32.5°	2069.4	2087.1	2096.2	2080.2	2090.0	2081.8	1745.4	1294.9	899.1	808.1	775.6
30°	2146.1	2171.7	2183.5	2222.0	2299.1	2332.4	2330.5	1802.5	1254.3	899.1	848.1
27.5°	2246.1	2266.6	2292.0	2421.2	2487.7	2534.2	2562.6	2409.8	1648.0	1149.7	932.9
25°	2449.8	2385.1	2532.2	2665.1	2723.1	2748.6	2822.4	2753.6	2233.7	1444.1	1020.9
22.5°	2764.2	2675.5	2738.8	2955.8	2977.3	2993.7	3046.9	3063.3	2818.9	1869.6	1277.6
20°	3150.6	2985.7	2970.0	3083.8	3192.0	3210.8	3268.3	3295.0	3068.6	2389.6	1568.4
17.5°	3656.2	3326.4	3168.1	3204.3	3330.6	3394.9	3454.4	3472.6	3315.0	2857.7	1860.9
15°	4537.7	3720.6	3425.9	3357.4	3440.3	3549.6	3627.8	3685.8	3536.2	3161.4	2249.9
12.5°	7375.6	4170.9	3674.6	3466.1	3509.2	3662.2	3781.9	3853.6	3710.3	3364.7	2634.4
10°	10613.7	5338.3	4006.1	3674.7	3600.6	3734.0	3889.1	3937.3	3828.0	3532.5	2959.0
7.5°	15977.8	6855.6	4318.8	3876.4	3717.1	3794.9	3935.2	3995.2	3927.9	3664.8	3226.8
5°	19835.6	8091.8	4620.1	4076.1	3847.2	3890.6	3987.5	4054.8	4011.0	3767.5	3441.1
2.5°	22850.1	9244.4	4883.7	4251.4	3970.5	4000.7	4093.0	4116.9	4047.6	3780.6	3528.0
0°	24828.2	9769.2	4989.6	4338.4	4063.6	4087.5	4279.2	4182.0	4057.9	3764.8	3573.1
-2.5°	24627.6	9512.0	5036.2	4398.3	4153.2	4198.8	4427.1	4432.0	4151.2	3804.4	3607.9
-5°	23322.8	9502.5	5138.7	4491.8	4264.1	4327.1	4556.2	4586.1	4233.8	3858.4	3597.9
-7.5°	18864.3	8509.7	5152.2	4560.9	4379.7	4472.9	4671.0	4648.5	4331.9	4015.7	3641.0
-10°	12620.1	6770.8	5094.9	4634.2	4513.0	4640.0	4792.1	4708.5	4430.1	4162.7	3623.0
-12.5°	9327.5	5713.6	5017.4	4684.8	4667.1	4853.9	4930.5	4767.1	4536.0	4298.8	3536.4
-15°	6507.6	5450.2	5003.8	4838.4	4888.2	5044.5	5047.9	4804.6	4593.7	4389.8	3376.2
-17.5°	5681.4	5245.6	4995.3	4985.5	5137.5	5197.4	5072.4	4839.5	4616.3	4246.9	3079.5
-20°	5301.2	5102.0	5129.9	5238.0	5361.3	5355.1	5088.2	4864.5	4599.4	3856.6	2738.4



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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°	5131.4	5175.9	5300.0	5512.3	5546.4	5365.9	5112.3	4866.5	4542.0	3396.1	2384.6
-25°	5203.6	5373.4	5600.6	5689.6	5618.7	5360.5	5123.7	4817.8	4046.6	2940.1	2075.6
-27.5°	5439.6	5689.4	5837.9	5812.3	5602.4	5352.0	5074.9	4632.6	3474.2	2538.0	2060.9
-30°	5748.4	5879.1	5926.6	5823.3	5565.1	5303.2	4993.7	3956.3	2957.8	2203.1	2027.0
-32.5°	5942.7	5941.3	5892.6	5722.3	5498.5	5230.3	4328.9	3278.5	2425.7	2154.6	2003.2
-35°	5989.0	5869.2	5707.9	5551.7	5439.0	4566.3	3566.5	2659.2	2269.9	2104.9	1980.8
-37.5°	5846.5	5641.4	5451.5	5215.3	4543.4	3704.2	2772.4	2354.0	2192.0	2075.9	1962.2
-40°	5514.8	5292.5	4751.9	4177.4	3492.5	2707.3	2413.7	2253.3	2148.3	2047.8	1943.3
-42.5°	4677.5	4187.9	3667.2	3075.3	2556.3	2428.5	2302.9	2202.4	2106.7	2016.7	1869.9
-45°	3475.7	3036.9	2605.8	2505.9	2390.3	2312.1	2242.2	2157.1	2071.5	1931.3	1774.5
-47.5°	2562.3	2494.4	2416.1	2360.7	2301.2	2240.6	2186.0	2113.7	1968.0	1819.0	1657.5
-50°	2387.4	2356.0	2319.6	2280.4	2236.0	2185.8	2095.4	1983.3	1840.1	1688.4	1533.5
-52.5°	2307.4	2276.5	2246.3	2215.6	2142.4	2045.8	1944.1	1829.4	1696.2	1548.8	1400.2
-55°	2231.3	2176.7	2115.5	2048.9	1974.8	1877.4	1774.4	1662.5	1538.2	1399.2	1266.6
-57.5°	2047.5	1987.4	1925.7	1859.1	1788.1	1692.8	1587.9	1480.5	1372.5	1249.3	1131.3
-60°	1838.6	1779.2	1717.4	1648.8	1573.6	1487.5	1398.9	1303.6	1201.5	1107.4	1012.2
-62.5°	1609.4	1549.3	1492.2	1433.2	1371.7	1303.6	1221.6	1141.4	1059.7	975.4	887.6
-65°	1379.4	1326.5	1277.5	1232.0	1183.8	1132.3	1061.6	988.7	914.1	837.8	760.2
-67.5°	1165.4	1123.1	1084.0	1045.2	1003.5	958.3	897.0	831.7	773.0	715.8	655.4
-70°	966.5	930.1	894.9	860.4	828.5	796.9	754.2	705.4	654.9	612.9	574.0
-72.5°	798.0	770.9	744.7	720.0	692.8	670.6	644.3	612.0	578.6	544.4	512.6
-75°	678.3	658.8	640.0	624.2	607.3	589.3	570.0	546.0	522.0	498.1	474.0
-77.5°	598.4	583.2	568.6	557.4	545.7	533.3	518.3	497.5	476.7	455.8	434.7
-80°	535.8	523.0	510.5	500.6	490.4	479.8	467.7	449.6	431.4	413.0	394.5
-82.5°	472.6	462.0	451.3	442.9	434.2	425.2	415.4	399.8	384.2	368.5	352.8
-85°	408.6	400.0	391.3	384.7	377.8	370.8	363.3	350.5	337.6	324.6	311.5
-87.5°	349.7	343.5	337.2	332.1	326.8	321.5	315.9	305.9	295.9	285.8	275.9
-90°	1.4	1.4	1.4	1.8	2.1	2.5	2.8	3.2	3.5	3.9	4.2



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	238.9	229.8	220.6	211.4	199.1	186.8	174.4	162.1	149.1	136.0	123.0
87.5°	4.2	4.2	4.2	4.2	4.6	4.9	5.3	5.6	5.6	5.6	5.6
85°	4.2	4.2	4.2	4.2	4.6	4.9	5.3	5.6	5.6	5.6	5.6
82.5°	4.2	4.2	4.2	4.2	4.6	4.9	5.3	5.6	5.7	5.6	5.6
80°	4.5	4.6	4.7	4.7	4.8	5.0	5.3	5.7	6.0	6.2	6.0
77.5°	5.0	5.1	5.3	5.5	5.6	5.7	5.7	5.9	6.4	6.7	6.7
75°	5.6	5.5	5.5	5.8	6.3	6.4	6.4	6.7	7.3	7.4	7.4
72.5°	6.0	6.0	5.9	6.1	6.9	7.3	7.3	7.6	8.4	8.7	8.4
70°	8.2	7.0	6.6	7.4	8.1	8.3	8.5	9.2	9.7	10.1	9.9
67.5°	11.9	10.6	9.2	9.3	10.0	10.4	10.0	11.2	12.0	11.6	11.4
65°	21.8	16.6	12.7	13.6	13.4	12.7	12.5	13.7	14.5	14.3	13.0
62.5°	30.7	24.8	20.9	19.4	18.3	17.1	15.5	17.4	17.4	17.0	15.5
60°	38.7	32.2	30.1	28.9	25.7	22.4	21.5	21.3	21.5	20.0	18.4
57.5°	40.9	38.5	40.9	39.7	36.0	30.5	28.9	28.2	25.8	24.0	21.5
55°	42.8	43.4	52.6	52.9	47.9	41.1	39.2	36.9	31.4	28.4	25.5
52.5°	49.7	56.5	66.1	67.9	62.6	55.1	53.9	46.6	40.9	33.1	30.8
50°	65.6	78.5	86.3	86.8	79.3	76.4	70.2	61.8	50.9	39.3	36.6
47.5°	110.7	121.7	115.0	110.8	101.7	101.4	93.3	78.8	61.6	49.2	43.0
45°	201.1	190.8	165.2	143.9	135.5	134.4	121.0	96.9	78.2	61.4	49.7
42.5°	311.1	289.0	250.1	181.7	182.3	173.2	151.6	123.9	95.6	74.2	59.3
40°	460.5	404.9	351.1	280.2	236.1	216.4	190.3	154.2	114.1	89.0	70.8
37.5°	597.0	527.9	468.1	377.8	302.6	270.7	232.9	186.5	137.9	107.6	82.5
35°	679.5	639.5	571.7	472.2	388.3	329.3	278.4	222.9	167.9	126.7	94.5
32.5°	750.4	726.6	657.5	562.4	469.1	392.1	330.7	260.8	197.2	146.0	106.7
30°	816.5	791.3	742.7	646.3	545.8	462.7	383.4	297.1	225.9	165.6	120.0
27.5°	885.5	856.4	822.7	724.3	619.6	528.9	428.0	331.7	253.8	187.1	136.1
25°	956.6	920.1	882.8	801.3	687.8	581.5	470.8	364.9	282.6	210.6	152.1
22.5°	1037.5	981.3	942.6	877.5	749.6	634.7	513.6	401.3	310.7	233.2	167.8
20°	1117.7	1040.4	1000.2	939.1	811.1	687.8	557.5	435.7	337.2	254.9	183.3
17.5°	1225.1	1102.7	1045.9	982.5	868.9	739.0	600.6	468.0	362.0	275.6	198.4
15°	1477.5	1169.9	1091.4	1024.5	921.4	787.9	642.4	498.1	385.2	295.1	212.3
12.5°	1741.7	1236.5	1136.9	1064.8	968.9	834.3	682.5	525.9	406.5	312.8	224.4
10°	2008.0	1301.7	1181.8	1103.2	1011.5	877.9	720.4	554.5	429.8	329.0	235.5
7.5°	2266.3	1364.4	1225.6	1139.6	1049.5	915.5	756.2	587.8	452.6	344.0	245.5
5°	2487.4	1419.9	1269.6	1178.8	1084.7	946.3	787.5	619.0	474.1	357.7	254.5
2.5°	2594.4	1464.2	1312.2	1216.5	1116.5	972.7	814.4	647.8	493.8	370.0	262.4
0°	2655.5	1502.5	1351.7	1251.6	1144.5	995.1	837.2	673.7	511.6	380.6	269.2
-2.5°	2651.0	1538.8	1389.5	1288.6	1184.5	1025.5	855.9	688.2	525.3	393.0	278.4
-5°	2603.5	1569.9	1424.1	1322.9	1219.7	1051.2	870.6	699.3	536.6	403.6	286.4
-7.5°	2569.5	1605.4	1458.1	1355.1	1249.5	1071.2	881.2	707.2	545.5	412.1	293.1
-10°	2496.3	1640.5	1492.5	1385.2	1267.6	1084.4	888.2	711.8	552.1	418.5	298.4
-12.5°	2367.1	1668.2	1522.4	1411.4	1279.3	1091.9	896.3	716.6	556.5	422.6	302.3
-15°	2179.5	1687.9	1547.5	1433.5	1285.4	1094.4	899.7	719.4	560.4	425.0	304.7
-17.5°	1931.8	1699.3	1567.7	1451.1	1285.9	1092.0	898.1	718.2	561.6	425.8	306.5
-20°	1891.9	1713.4	1582.9	1464.2	1280.8	1084.7	891.5	713.1	559.9	424.3	307.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1893.7	1731.4	1599.9	1456.9	1268.9	1072.7	879.9	703.9	555.3	420.5	306.5
-25°	1888.0	1743.6	1614.8	1449.0	1250.5	1055.7	864.8	690.7	547.7	414.4	304.0
-27.5°	1889.4	1751.6	1626.8	1434.0	1232.4	1032.8	846.6	679.4	537.7	406.0	299.7
-30°	1889.8	1760.1	1610.1	1410.8	1207.2	1007.2	823.6	665.0	526.0	398.1	293.6
-32.5°	1878.9	1765.7	1578.9	1376.4	1173.8	976.0	797.7	647.2	511.6	389.7	290.3
-35°	1869.6	1732.0	1539.4	1333.9	1133.1	943.9	771.5	625.9	494.4	379.1	287.2
-37.5°	1852.3	1671.4	1484.7	1283.0	1085.4	906.4	746.1	604.0	474.6	366.4	282.8
-40°	1779.1	1599.6	1413.4	1223.7	1036.8	863.6	716.1	578.9	456.3	351.4	277.1
-42.5°	1697.3	1515.1	1334.2	1155.2	984.2	825.4	681.8	549.8	436.5	340.6	270.3
-45°	1598.5	1422.9	1248.0	1085.4	927.9	782.4	644.9	517.8	414.0	331.3	264.4
-47.5°	1491.9	1322.6	1161.7	1010.2	874.1	734.8	603.3	489.5	389.2	320.5	260.5
-50°	1376.6	1221.1	1074.1	938.7	811.6	683.2	560.1	458.2	374.0	307.4	255.9
-52.5°	1258.3	1120.0	989.0	866.0	745.2	626.7	521.5	425.6	356.9	297.9	250.4
-55°	1138.7	1023.2	905.3	788.5	674.5	575.6	479.8	403.7	338.0	289.7	244.3
-57.5°	1028.4	926.6	815.8	706.2	609.7	522.9	446.0	379.7	325.3	280.7	239.1
-60°	917.1	821.3	721.2	631.2	547.5	476.8	416.2	358.0	314.0	271.3	232.7
-62.5°	799.7	715.3	638.4	558.9	495.4	440.0	387.3	344.0	301.7	262.7	225.5
-65°	692.8	624.5	557.5	505.6	453.7	406.6	369.8	329.1	290.3	253.4	217.7
-67.5°	594.3	550.6	506.7	459.0	420.7	385.6	351.0	314.8	278.6	243.5	209.3
-70°	534.4	494.4	461.9	429.8	396.7	364.1	333.3	300.4	266.2	232.5	200.3
-72.5°	485.6	458.5	431.6	402.7	372.9	343.7	315.2	285.0	252.4	221.0	190.8
-75°	449.5	425.2	401.3	376.3	349.1	322.4	295.7	268.0	237.9	208.8	180.6
-77.5°	413.2	391.9	370.9	348.7	323.7	299.1	274.9	250.3	222.6	195.8	170.0
-80°	375.7	356.9	338.3	319.2	297.0	275.2	253.4	231.5	206.5	182.3	159.0
-82.5°	336.9	321.0	305.0	288.7	269.2	250.0	230.9	211.9	189.9	168.4	148.7
-85°	298.1	284.5	271.0	257.2	240.7	224.3	209.1	193.7	175.5	157.7	140.4
-87.5°	265.2	254.6	243.9	233.1	219.4	205.7	191.9	178.0	162.4	147.0	131.8
-90°	4.2	4.2	4.2	4.2	4.6	4.9	5.3	5.6	5.6	5.6	5.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	109.9	91.6	73.2	54.9	36.6	22.5	8.5
87.5°	5.6	5.8	5.9	5.9	5.9	7.3	8.5
85°	5.6	5.9	6.1	6.2	6.1	7.5	8.5
82.5°	5.6	6.1	6.4	6.5	6.4	7.8	8.5
80°	5.8	6.3	6.6	6.7	6.7	8.1	8.5
77.5°	6.6	6.7	6.9	7.0	7.0	8.3	8.5
75°	7.4	7.7	7.3	7.3	7.3	8.6	8.5
72.5°	8.4	8.7	8.3	7.6	7.6	8.9	8.5
70°	9.4	9.8	9.4	8.1	8.0	9.1	8.5
67.5°	11.3	10.9	10.4	9.0	8.4	9.4	8.5
65°	13.2	12.5	11.5	9.9	8.8	9.7	8.5
62.5°	15.2	14.5	12.6	10.9	9.2	10.0	8.5
60°	17.4	16.7	13.8	11.8	9.6	10.3	8.5
57.5°	20.9	18.9	15.7	12.8	10.6	10.5	8.5
55°	24.7	21.2	17.7	13.7	11.5	10.8	8.5
52.5°	28.7	23.8	19.8	14.7	12.6	11.1	8.5
50°	32.9	27.5	21.9	15.7	13.6	11.4	8.5
47.5°	37.6	31.4	24.0	16.8	14.7	11.7	8.5
45°	43.5	35.3	26.1	18.4	15.8	12.0	8.5
42.5°	49.7	39.4	28.3	20.1	16.9	12.3	8.5
40°	56.1	43.5	31.1	22.2	18.1	12.6	8.5
37.5°	62.8	47.8	34.3	24.7	19.3	13.0	8.5
35°	69.6	52.8	37.5	27.3	20.5	13.3	8.5
32.5°	77.5	58.2	40.8	29.8	21.7	13.6	8.5
30°	87.4	63.7	44.0	32.5	23.0	13.9	8.5
27.5°	97.3	69.2	48.5	35.1	24.2	14.2	8.5
25°	107.0	74.7	53.2	37.8	25.5	14.4	8.5
22.5°	116.6	80.5	57.8	40.4	26.7	14.7	8.5
20°	126.0	87.2	62.4	43.0	27.9	15.0	8.5
17.5°	135.5	93.7	66.9	45.7	29.2	15.3	8.5
15°	144.6	99.9	71.3	48.2	30.3	15.6	8.5
12.5°	153.2	105.8	75.6	50.8	31.5	15.8	8.5
10°	161.3	111.5	79.7	53.2	32.6	16.0	8.5
7.5°	168.7	116.9	83.7	55.6	33.7	16.3	8.5
5°	175.6	122.0	87.5	57.8	34.7	16.5	8.5
2.5°	181.9	126.7	91.1	60.0	35.7	16.7	8.5
0°	187.5	131.1	94.4	62.0	36.6	16.9	8.5
-2.5°	194.1	136.5	98.6	65.3	38.6	17.7	8.5
-5°	200.1	141.6	102.6	68.4	40.5	18.5	8.5
-7.5°	205.4	146.3	106.3	71.3	42.3	19.3	8.5
-10°	209.9	150.6	109.8	74.1	44.1	20.1	8.5
-12.5°	213.7	154.5	112.9	76.7	45.7	20.8	8.5
-15°	216.8	157.9	115.9	79.0	47.2	21.5	8.5
-17.5°	219.1	160.9	118.5	81.2	48.6	22.2	8.5
-20°	221.1	163.5	120.8	83.2	49.8	22.8	8.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	223.0	165.6	122.9	84.9	51.0	23.4	8.5
-25°	223.9	167.7	124.7	86.4	52.0	24.0	8.5
-27.5°	223.9	169.3	126.2	87.7	52.8	24.5	8.5
-30°	222.9	170.5	127.4	88.7	53.5	25.0	8.5
-32.5°	220.9	171.1	128.5	89.5	54.1	25.4	8.5
-35°	220.3	171.2	129.1	90.1	54.5	25.8	8.5
-37.5°	219.8	171.1	129.4	90.3	54.7	26.1	8.5
-40°	218.7	171.1	129.3	90.4	54.8	26.4	8.5
-42.5°	216.8	170.5	128.9	90.2	54.7	26.7	8.5
-45°	214.3	169.5	128.3	89.6	54.5	26.9	8.5
-47.5°	211.1	168.0	127.2	88.9	54.1	27.0	8.5
-50°	208.4	166.0	125.8	88.0	53.6	27.1	8.5
-52.5°	205.3	163.5	124.1	86.9	52.9	27.2	8.5
-55°	201.6	160.7	121.9	85.5	52.0	27.2	8.5
-57.5°	197.3	157.4	119.5	83.9	51.0	27.1	8.5
-60°	192.5	153.7	116.7	82.0	49.9	27.0	8.5
-62.5°	187.2	149.5	113.7	80.0	49.4	26.9	8.5
-65°	181.3	144.9	110.4	77.7	48.7	26.7	8.5
-67.5°	174.9	140.0	106.7	75.2	48.0	26.5	8.5
-70°	168.0	134.7	102.8	72.5	47.1	26.2	8.5
-72.5°	160.7	129.0	98.6	70.6	46.1	25.9	8.5
-75°	152.9	122.9	94.1	68.8	45.0	25.5	8.5
-77.5°	144.7	116.5	90.8	66.8	43.8	25.1	8.5
-80°	136.1	111.4	87.7	64.7	42.5	24.6	8.5
-82.5°	129.7	106.8	84.3	62.4	41.1	24.2	8.5
-85°	123.3	101.9	80.8	60.1	39.7	23.7	8.5
-87.5°	116.7	96.8	77.1	57.5	38.2	23.1	8.5
-90°	5.6	5.6	5.6	5.6	5.6	7.1	8.5

(END OF REPORT)