

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: P1305692 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-1S-VHE-A**

Issue Date: 2/3/2026

Test Information

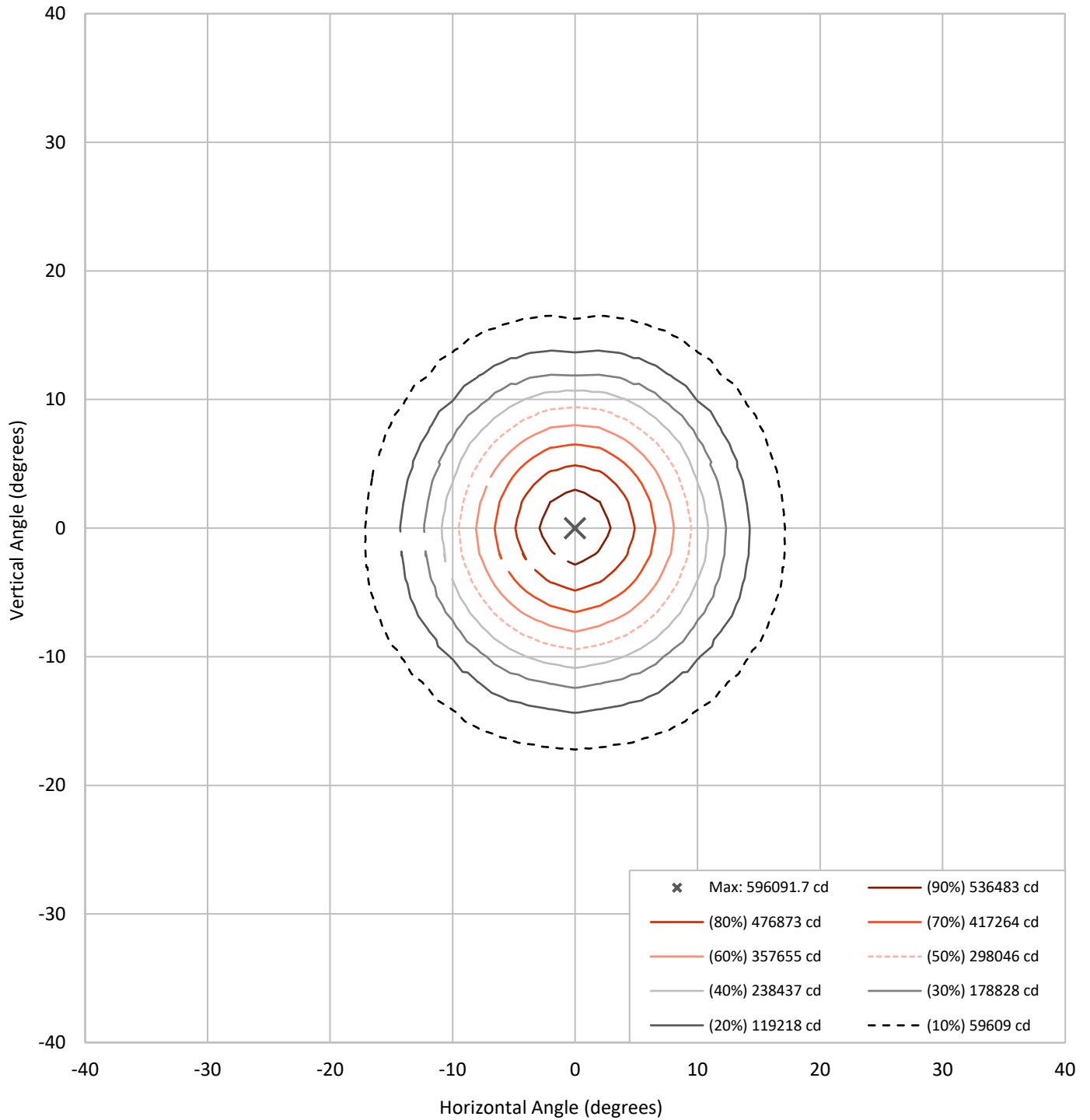
Test Method: LM-79-08
Report Number: P1305692 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-57-70-1S-VHE-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 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:	78570.6 lumens	Max Intensity:	596091.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	34829 lumens	Field Lumens:	63435.6 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





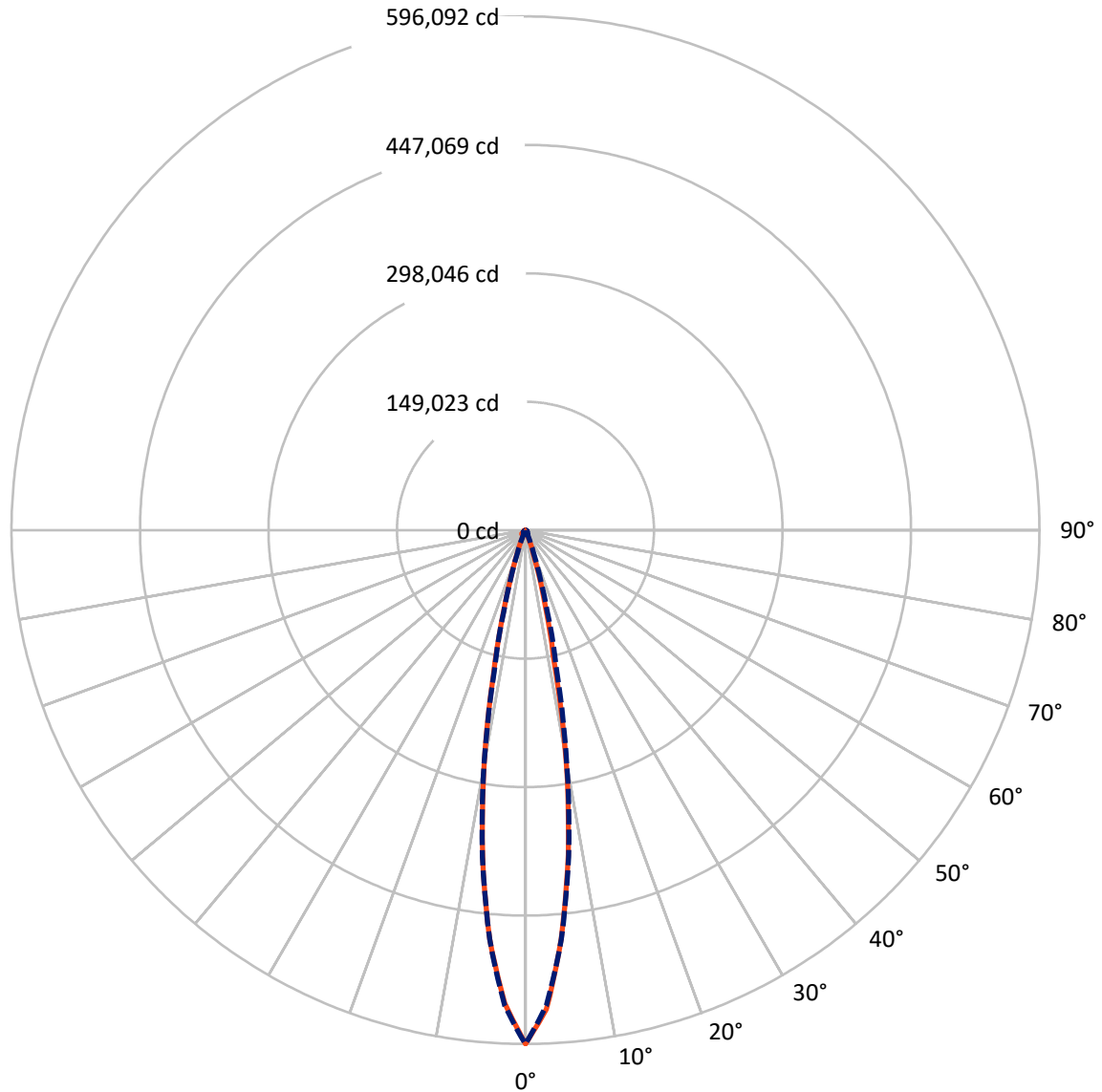
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Lumen Table

90	0.3	1.1		2.0		2.7		3.0		2.7		2.0		1.1		0.3			
80	0.3	1.1		2.0		2.7		3.0		2.7		2.0		1.1		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	1.1	1.2	1.2	1.1	0.8	0.9	1.0	0.9	0.5				
50	1.1	1.3	2.9	5.7	8.9	15.3	23.3	25.8	25.8	23.3	15.3	8.9	5.7	2.9	1.3	1.1			
40		3.0	8.5	15.3	32.2	52.6	58.9	61.8	61.8	58.9	52.6	32.2	15.3	8.5	3.0				
30	2.6	5.1	13.8	28.4	67.6	71.7	87.0	144.1	144.1	87.0	71.7	67.6	28.4	13.8	5.1	2.6			
20		6.9	17.8	50.6	89.6	105.7	658.4	2623.7	2623.7	658.4	105.7	89.6	50.6	17.8	6.9				
10	3.8	8.4	20.9	67.0	99.9	197.2	2660.3	11067.9	11067.9	2660.3	197.2	99.9	67.0	20.9	8.4	3.8			
0		9.4	23.4	71.5	111.1	220.6	2796.7	11014.6	11014.6	2796.7	220.6	111.1	71.5	23.4	9.4				
-10	4.4	9.8	25.0	70.6	123.1	151.7	776.5	2842.9	2842.9	776.5	151.7	123.1	70.6	25.0	9.8	4.4			
-20		9.4	25.3	54.6	125.4	153.6	167.6	260.2	260.2	167.6	153.6	125.4	54.6	25.3	9.4				
-30	4.2	8.5	23.7	43.6	91.9	154.3	173.4	175.4	175.4	173.4	154.3	91.9	43.6	23.7	8.5	4.2			
-40		7.1	19.4	38.1	56.9	86.0	127.4	158.9	158.9	127.4	86.0	56.9	38.1	19.4	7.1				
-50	3.6	5.5	14.1	27.8	44.3	57.7	67.2	73.4	73.4	67.2	57.7	44.3	27.8	14.1	5.5	3.6			
-60		4.4	9.2	16.9	26.8	35.9	43.8	49.1	49.1	43.8	35.9	26.8	16.9	9.2	4.4				
-70	2.4	16.6		39.6		62.2		74.2		62.2		39.6		16.6		2.4			
-80		16.6		39.6		62.2		74.2		62.2		39.6		16.6					
-90	2.4	16.6		39.6		62.2		74.2		62.2		39.6		16.6		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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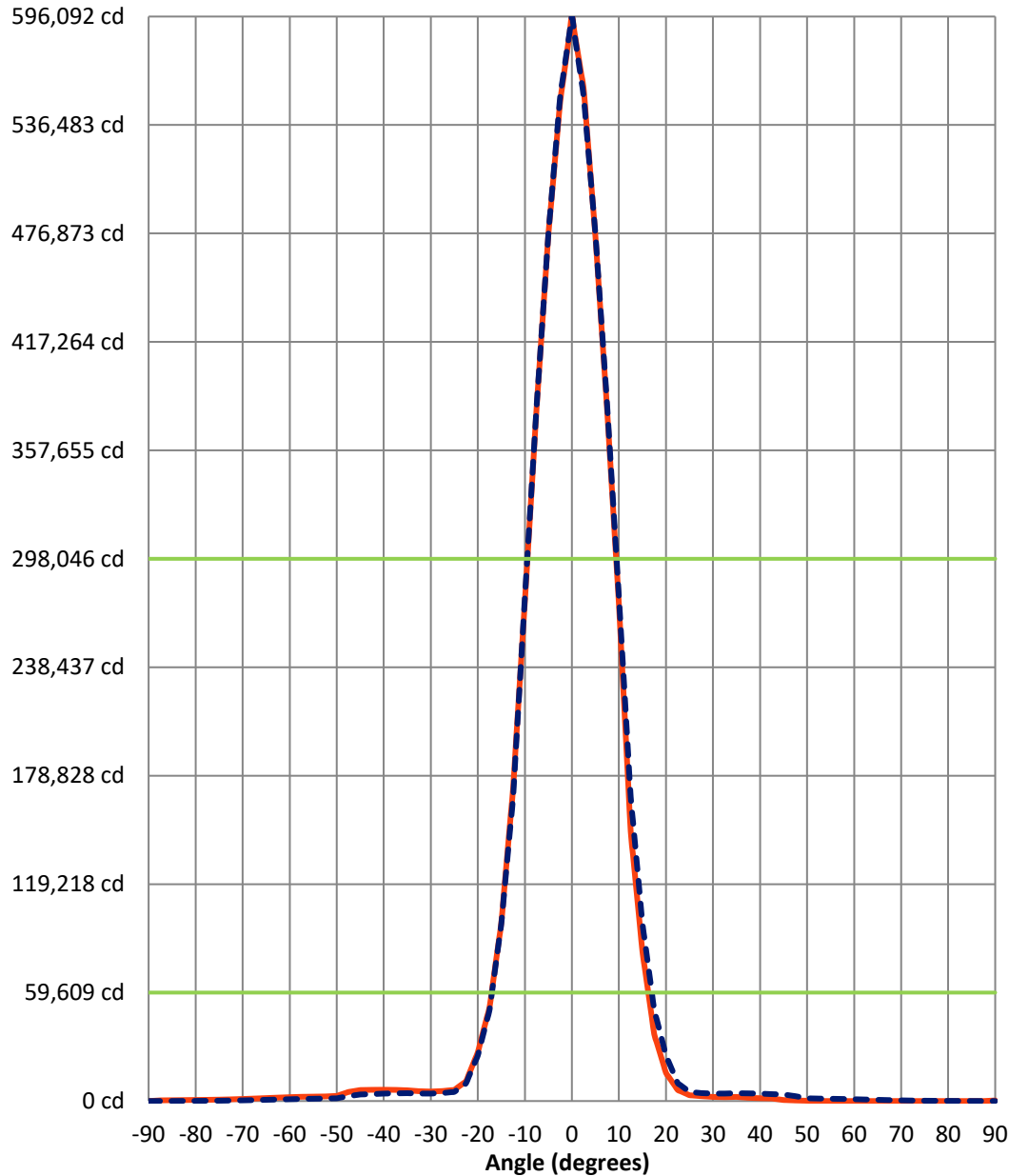
Luminous Intensity Polar Plot



— 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: 34829
 Efficiency: 44.3%

Field:
 H Angle: 34°
 V Angle: 33.3°
 Lumens: 63435.6
 Efficiency: 80.7%

Spill:
 Lumens: 15134.9
 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	22.7	37.0	55.5	74.0	92.5	111.0	124.2	137.3	150.5	163.6
87.5°	8.5	7.4	5.9	6.0	5.9	5.9	5.7	5.7	5.7	5.7	5.7
85°	8.5	7.6	6.2	6.2	6.2	6.0	5.7	5.7	5.7	5.7	5.7
82.5°	8.5	7.9	6.5	6.5	6.4	6.2	5.7	5.7	5.7	5.8	5.7
80°	8.5	8.1	6.7	6.8	6.7	6.3	5.8	6.1	6.2	6.1	5.8
77.5°	8.5	8.4	7.0	7.1	7.0	6.8	6.6	6.8	6.8	6.5	6.0
75°	8.5	8.6	7.3	7.4	7.4	7.8	7.5	7.5	7.4	7.4	6.8
72.5°	8.5	8.9	7.7	7.7	8.4	8.8	8.4	8.4	8.8	8.5	7.7
70°	8.5	9.2	8.0	8.1	9.5	9.9	9.5	9.9	10.2	9.8	9.3
67.5°	8.5	9.5	8.4	9.0	10.5	11.0	11.3	11.5	11.7	12.1	11.3
65°	8.5	9.8	8.8	10.0	11.6	12.6	13.3	13.1	14.4	14.6	13.8
62.5°	8.5	10.0	9.2	11.0	12.7	14.6	15.4	15.6	17.2	17.6	17.5
60°	8.5	10.3	9.6	11.9	13.9	16.8	17.6	18.5	20.2	21.7	21.5
57.5°	8.5	10.6	10.6	12.9	15.8	19.0	21.1	21.7	24.2	26.1	28.4
55°	8.5	10.9	11.6	13.9	17.9	21.4	24.9	25.7	28.7	31.7	37.3
52.5°	8.5	11.2	12.6	14.8	20.0	24.0	28.9	31.0	33.3	41.2	46.9
50°	8.5	11.5	13.7	15.8	22.1	27.8	33.2	36.9	39.6	51.4	62.4
47.5°	8.5	11.8	14.8	17.0	24.2	31.6	37.9	43.3	49.6	62.2	79.5
45°	8.5	12.1	15.9	18.6	26.4	35.6	43.9	50.2	61.9	78.9	97.8
42.5°	8.5	12.4	17.1	20.3	28.6	39.7	50.1	59.8	74.8	96.5	125.1
40°	8.5	12.8	18.3	22.5	31.3	43.9	56.6	71.4	89.8	115.2	155.7
37.5°	8.5	13.1	19.5	25.0	34.6	48.2	63.3	83.3	108.6	139.3	188.3
35°	8.5	13.4	20.7	27.5	37.9	53.3	70.3	95.4	127.9	169.5	225.0
32.5°	8.5	13.7	22.0	30.1	41.1	58.8	78.3	107.7	147.4	199.1	263.2
30°	8.5	14.0	23.2	32.8	44.4	64.3	88.3	121.1	167.2	228.0	299.9
27.5°	8.5	14.3	24.5	35.4	49.0	69.9	98.2	137.4	188.9	256.2	334.9
25°	8.5	14.6	25.7	38.1	53.7	75.4	108.0	153.5	212.6	285.3	368.3
22.5°	8.5	14.9	27.0	40.8	58.4	81.3	117.7	169.4	235.5	313.7	405.1
20°	8.5	15.2	28.2	43.5	63.0	88.0	127.2	185.1	257.3	340.4	439.8
17.5°	8.5	15.4	29.5	46.1	67.5	94.6	136.8	200.3	278.2	365.5	472.5
15°	8.5	15.7	30.7	48.7	72.0	100.8	146.0	214.3	297.9	388.8	502.8
12.5°	8.5	16.0	31.9	51.2	76.3	106.8	154.6	226.5	315.8	410.4	530.9
10°	8.5	16.2	33.0	53.7	80.5	112.6	162.8	237.7	332.1	433.9	559.7
7.5°	8.5	16.5	34.1	56.1	84.5	118.0	170.3	247.9	347.3	456.9	593.3
5°	8.5	16.7	35.1	58.4	88.3	123.1	177.2	257.0	361.1	478.6	624.9
2.5°	8.5	16.9	36.1	60.6	91.9	127.9	183.5	264.9	373.5	498.6	654.0
0°	8.5	17.1	37.0	62.6	95.3	132.3	189.2	271.8	384.2	516.5	680.1
-2.5°	8.5	17.9	39.0	65.9	99.6	137.8	195.9	281.1	396.8	530.3	694.7
-5°	8.5	18.7	40.9	69.0	103.6	142.9	202.0	289.2	407.4	541.8	705.9
-7.5°	8.5	19.5	42.8	72.0	107.3	147.6	207.3	295.9	416.0	550.8	713.9
-10°	8.5	20.3	44.5	74.8	110.8	152.0	211.9	301.3	422.4	557.3	718.5
-12.5°	8.5	21.0	46.1	77.4	114.0	155.9	215.8	305.2	426.6	561.8	723.4
-15°	8.5	21.7	47.7	79.8	116.9	159.4	218.9	307.6	429.0	565.8	726.2
-17.5°	8.5	22.4	49.1	82.0	119.6	162.4	221.2	309.4	429.9	566.9	725.0
-20°	8.5	23.0	50.3	83.9	121.9	165.0	223.2	310.3	428.4	565.2	719.9



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.5	23.7	51.5	85.7	124.0	167.1	225.1	309.5	424.5	560.5	710.6
-25°	8.5	24.2	52.4	87.2	125.8	169.2	226.0	306.9	418.4	552.9	697.2
-27.5°	8.5	24.7	53.3	88.5	127.3	170.9	226.0	302.5	409.8	542.8	685.9
-30°	8.5	25.2	54.0	89.5	128.6	172.1	225.0	296.4	401.8	531.0	671.3
-32.5°	8.5	25.7	54.6	90.3	129.6	172.7	223.0	293.0	393.4	516.4	653.3
-35°	8.5	26.0	55.0	90.8	130.3	172.8	222.3	289.9	382.7	499.1	631.8
-37.5°	8.5	26.4	55.2	91.1	130.6	172.7	221.9	285.4	369.8	479.1	609.7
-40°	8.5	26.7	55.3	91.2	130.5	172.6	220.7	279.7	354.7	460.6	584.4
-42.5°	8.5	26.9	55.2	90.9	130.1	172.1	218.9	272.8	343.7	440.6	555.0
-45°	8.5	27.1	55.0	90.4	129.4	171.1	216.3	266.9	334.4	417.9	522.7
-47.5°	8.5	27.3	54.6	89.6	128.4	169.5	213.1	263.0	323.5	392.8	494.1
-50°	8.5	27.4	54.1	88.7	126.9	167.5	210.4	258.3	310.3	377.5	462.4
-52.5°	8.5	27.4	53.4	87.6	125.2	165.0	207.3	252.8	300.8	360.2	429.5
-55°	8.5	27.4	52.5	86.2	123.0	162.2	203.5	246.7	292.5	341.2	407.4
-57.5°	8.5	27.4	51.5	84.6	120.5	158.9	199.2	241.3	283.4	328.4	383.3
-60°	8.5	27.3	50.4	82.8	117.7	155.1	194.3	234.9	273.9	316.9	361.5
-62.5°	8.5	27.1	49.8	80.7	114.7	150.9	188.9	227.6	265.2	304.6	347.3
-65°	8.5	26.9	49.2	78.4	111.4	146.2	183.0	219.8	255.8	293.1	332.2
-67.5°	8.5	26.7	48.4	75.9	107.7	141.2	176.5	211.3	245.8	281.3	317.8
-70°	8.5	26.4	47.5	73.1	103.7	135.9	169.6	202.2	234.7	268.7	303.2
-72.5°	8.5	26.1	46.5	71.3	99.5	130.2	162.2	192.5	223.0	254.7	287.7
-75°	8.5	25.7	45.4	69.4	95.0	124.1	154.3	182.3	210.7	240.1	270.5
-77.5°	8.5	25.3	44.2	67.5	91.7	117.6	146.0	171.6	197.6	224.7	252.6
-80°	8.5	24.9	42.9	65.3	88.5	112.4	137.4	160.5	184.1	208.4	233.6
-82.5°	8.5	24.4	41.6	63.1	85.2	107.8	130.9	150.1	170.0	191.7	213.9
-85°	8.5	23.9	40.1	60.7	81.6	102.9	124.5	141.7	159.2	177.2	195.5
-87.5°	8.5	23.3	38.6	58.1	77.9	97.8	117.9	133.0	148.4	163.9	179.7
-90°	8.5	7.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7



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 CATALOG NUMBER: EPH-08-640L-57-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	176.1	188.5	201.0	213.4	222.7	231.9	241.2	250.4	258.2	266.1	273.9
87.5°	5.4	5.0	4.7	4.3	4.3	4.3	4.3	4.3	3.9	3.6	3.2
85°	5.4	5.0	4.7	4.3	4.3	4.3	4.3	4.3	3.9	3.6	3.2
82.5°	5.4	5.0	4.7	4.3	4.3	4.3	4.3	4.3	4.0	3.8	3.6
80°	5.4	5.1	4.9	4.8	4.8	4.7	4.6	4.4	4.3	4.3	4.4
77.5°	5.8	5.8	5.7	5.6	5.4	5.2	5.1	5.1	5.1	4.9	4.7
75°	6.5	6.5	6.4	5.9	5.6	5.6	5.7	5.7	5.5	5.1	4.8
72.5°	7.4	7.4	7.0	6.2	6.0	6.1	6.1	5.9	6.2	7.1	7.8
70°	8.6	8.4	8.2	7.5	6.7	7.1	8.3	9.4	10.4	12.1	14.6
67.5°	10.1	10.5	10.1	9.4	9.3	10.7	12.0	16.5	21.5	24.2	25.3
65°	12.7	12.9	13.5	13.7	12.8	16.8	22.0	27.9	33.5	34.5	33.7
62.5°	15.7	17.3	18.4	19.6	21.1	25.0	31.0	37.0	43.0	41.2	35.5
60°	21.7	22.6	25.9	29.2	30.3	32.5	39.0	42.3	44.3	43.1	33.5
57.5°	29.1	30.7	36.3	40.1	41.3	38.8	41.2	43.3	43.1	38.0	29.1
55°	39.5	41.5	48.4	53.4	53.1	43.8	43.2	45.3	42.0	36.9	28.7
52.5°	54.4	55.7	63.2	68.6	66.7	57.0	50.1	53.3	52.8	46.2	39.2
50°	70.9	77.2	80.0	87.6	87.1	79.3	66.2	72.8	84.2	82.1	72.2
47.5°	94.2	102.4	102.7	111.9	116.1	122.9	111.8	125.7	142.6	177.4	166.3
45°	122.1	135.7	136.8	145.3	166.8	192.6	203.0	202.2	288.1	319.1	341.7
42.5°	153.0	174.8	184.1	183.4	252.5	291.8	314.1	385.0	450.4	470.1	480.7
40°	192.1	218.4	238.4	282.9	354.5	408.8	464.9	540.6	576.3	579.8	580.0
37.5°	235.1	273.3	305.5	381.4	472.6	532.9	602.6	635.2	659.9	661.3	689.3
35°	281.0	332.5	392.0	476.7	577.2	645.5	685.9	715.3	728.9	759.8	895.9
32.5°	333.8	395.8	473.5	567.8	663.8	733.4	757.5	782.9	815.8	907.7	1307.1
30°	387.0	467.1	551.0	652.4	749.7	798.8	824.1	856.1	907.6	1266.1	1819.6
27.5°	432.0	533.9	625.4	731.2	830.5	864.5	893.9	941.7	1160.6	1663.6	2432.6
25°	475.2	587.0	694.3	809.0	891.2	928.8	965.7	1030.5	1457.7	2254.8	2779.7
22.5°	518.4	640.7	756.7	885.9	951.6	990.6	1047.4	1289.7	1887.3	2845.6	3092.3
20°	562.8	694.3	818.8	948.0	1009.7	1050.3	1128.2	1583.3	2412.2	3097.6	3326.1
17.5°	606.3	746.0	877.1	991.8	1055.8	1113.2	1236.6	1878.5	2884.8	3346.4	3505.5
15°	648.5	795.4	930.1	1034.2	1101.7	1181.0	1491.5	2271.1	3191.3	3569.6	3720.7
12.5°	689.0	842.3	978.0	1074.8	1147.7	1248.2	1758.1	2659.3	3396.5	3745.4	3890.1
10°	727.3	886.2	1021.0	1113.6	1193.0	1314.0	2027.0	2987.0	3565.9	3864.2	3974.6
7.5°	763.4	924.2	1059.4	1150.3	1237.2	1377.3	2287.8	3257.4	3699.5	3965.0	4033.0
5°	795.0	955.2	1094.9	1189.9	1281.7	1433.3	2511.0	3473.7	3803.2	4048.9	4093.2
2.5°	822.2	981.9	1127.0	1228.1	1324.6	1478.0	2618.9	3561.5	3816.3	4085.9	4155.8
0°	845.2	1004.5	1155.3	1263.5	1364.5	1516.7	2680.6	3606.9	3800.4	4096.3	4221.5
-2.5°	864.0	1035.2	1195.7	1300.8	1402.7	1553.4	2676.1	3642.1	3840.4	4190.5	4474.0
-5°	878.8	1061.1	1231.3	1335.4	1437.6	1584.7	2628.1	3632.0	3894.9	4273.9	4629.5
-7.5°	889.5	1081.2	1261.3	1368.0	1472.0	1620.6	2593.8	3675.5	4053.7	4372.9	4692.5
-10°	896.6	1094.6	1279.6	1398.3	1506.6	1656.0	2519.9	3657.2	4202.1	4472.0	4753.0
-12.5°	904.7	1102.1	1291.4	1424.8	1536.8	1684.0	2389.4	3569.9	4339.5	4579.0	4812.2
-15°	908.1	1104.7	1297.5	1447.1	1562.2	1703.9	2200.1	3408.1	4431.4	4637.2	4850.1
-17.5°	906.6	1102.3	1298.1	1464.9	1582.6	1715.3	1950.0	3108.6	4287.1	4660.0	4885.3
-20°	900.0	1095.0	1292.9	1478.0	1597.9	1729.6	1909.8	2764.2	3893.1	4642.9	4910.6



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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°	888.2	1082.8	1280.9	1470.7	1615.0	1747.8	1911.7	2407.2	3428.2	4585.0	4912.5
-25°	873.0	1065.7	1262.4	1462.7	1630.1	1760.1	1905.9	2095.3	2968.0	4084.9	4863.4
-27.5°	854.6	1042.5	1244.1	1447.7	1642.1	1768.1	1907.3	2080.5	2562.0	3507.1	4676.4
-30°	831.4	1016.7	1218.5	1424.2	1625.3	1776.7	1907.7	2046.2	2224.0	2985.8	3993.7
-32.5°	805.2	985.2	1184.9	1389.4	1593.8	1782.4	1896.7	2022.1	2174.9	2448.6	3309.6
-35°	778.8	952.8	1143.8	1346.5	1554.0	1748.3	1887.2	1999.5	2124.8	2291.3	2684.4
-37.5°	753.1	915.0	1095.7	1295.1	1498.7	1687.2	1869.8	1980.8	2095.6	2212.7	2376.2
-40°	722.8	871.8	1046.6	1235.3	1426.7	1614.8	1795.9	1961.7	2067.2	2168.7	2274.6
-42.5°	688.3	833.2	993.6	1166.1	1346.8	1529.4	1713.4	1887.7	2035.8	2126.6	2223.2
-45°	650.9	789.8	936.7	1095.7	1259.8	1436.3	1613.6	1791.3	1949.6	2091.2	2177.5
-47.5°	608.9	741.8	882.4	1019.8	1172.8	1335.2	1506.1	1673.2	1836.2	1986.7	2133.7
-50°	565.3	689.6	819.3	947.6	1084.2	1232.7	1389.7	1548.0	1704.4	1857.5	2002.1
-52.5°	526.4	632.5	752.2	874.2	998.4	1130.6	1270.2	1413.5	1563.4	1712.3	1846.6
-55°	484.2	581.0	680.9	795.9	913.8	1032.9	1149.5	1278.6	1412.5	1552.7	1678.2
-57.5°	450.2	527.8	615.4	712.9	823.5	935.3	1038.1	1142.0	1261.1	1385.5	1494.5
-60°	420.2	481.3	552.6	637.2	728.0	829.0	925.8	1021.8	1117.9	1212.9	1315.9
-62.5°	391.0	444.2	500.0	564.1	644.5	722.1	807.2	896.0	984.7	1069.8	1152.2
-65°	373.3	410.5	458.0	510.4	562.7	630.4	699.3	767.4	845.7	922.7	998.1
-67.5°	354.2	389.3	424.7	463.3	511.4	555.8	599.9	661.6	722.5	780.2	839.5
-70°	336.4	367.5	400.4	433.9	466.2	499.1	539.4	579.4	618.7	661.1	712.1
-72.5°	318.1	346.9	376.4	406.5	435.7	462.9	490.2	517.5	549.5	584.1	617.7
-75°	298.4	325.4	352.4	379.9	405.1	429.3	453.8	478.6	502.8	526.9	551.1
-77.5°	277.5	301.9	326.7	352.0	374.4	395.6	417.1	438.9	460.2	481.3	502.2
-80°	255.8	277.7	299.8	322.2	341.5	360.3	379.2	398.2	417.0	435.5	453.9
-82.5°	233.1	252.3	271.7	291.4	307.9	324.0	340.1	356.2	372.0	387.8	403.6
-85°	211.0	226.4	242.9	259.6	273.5	287.2	300.9	314.5	327.8	340.9	353.9
-87.5°	193.7	207.6	221.5	235.3	246.2	257.0	267.7	278.5	288.6	298.7	308.8
-90°	5.4	5.0	4.7	4.3	4.3	4.3	4.3	4.3	3.9	3.6	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°	281.7	287.1	292.4	297.8	303.1	307.7	312.4	317.0	321.6	324.4	327.3
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	3.3	3.1	2.8	2.7	2.7	2.7	2.7	2.7	2.7
80°	4.3	4.0	3.6	3.2	2.9	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	4.4	4.0	3.6	3.3	2.9	2.8	2.8	2.8	2.8	2.8	2.8
75°	4.4	4.3	4.5	4.5	4.2	4.2	4.2	4.2	4.0	3.8	3.5
72.5°	8.5	8.8	8.7	9.0	9.0	9.2	9.6	9.8	9.8	9.9	10.0
70°	16.0	16.5	16.9	16.7	15.7	14.9	14.6	14.1	13.7	14.0	14.9
67.5°	24.4	22.6	21.8	20.6	18.4	16.4	15.3	14.0	12.8	12.1	12.0
65°	30.2	23.8	20.8	18.4	16.6	14.4	12.5	10.7	9.2	8.2	7.8
62.5°	28.7	20.4	16.2	13.6	11.4	9.4	7.8	6.6	5.6	5.2	5.2
60°	24.5	16.0	11.3	9.1	6.8	4.5	4.2	4.0	3.7	3.4	3.6
57.5°	21.9	14.4	8.7	8.6	7.4	5.4	4.7	4.7	4.0	2.8	3.3
55°	24.4	20.6	14.3	14.7	14.4	12.1	10.3	12.3	11.8	9.3	10.2
52.5°	36.6	42.0	34.3	31.8	43.4	43.1	33.7	46.0	52.8	51.7	52.7
50°	86.2	97.4	109.2	100.0	122.7	136.3	133.4	149.4	165.9	165.5	170.6
47.5°	204.2	235.0	238.4	244.6	270.6	303.6	330.5	349.4	359.1	355.1	357.9
45°	365.4	372.4	388.4	423.8	468.0	521.2	561.8	585.3	664.7	721.0	754.0
42.5°	484.5	506.1	545.3	638.6	706.9	864.0	1054.0	1127.8	1221.2	1268.5	1271.5
40°	603.8	658.9	820.5	990.4	1359.4	1633.8	1650.2	1766.5	1820.1	1761.1	1752.2
37.5°	800.9	1005.5	1283.2	1676.0	1847.5	1922.1	1963.1	1977.9	1988.7	1978.9	1973.8
35°	1189.2	1545.2	1817.9	1945.8	2023.4	2025.8	2035.4	2034.1	2021.4	2014.8	2000.7
32.5°	1761.9	2101.5	2109.8	2099.8	2116.0	2106.8	2089.1	2080.8	2053.2	2036.6	2042.3
30°	2352.5	2354.4	2320.9	2243.0	2204.2	2192.3	2166.5	2145.3	2119.1	2123.1	2213.9
27.5°	2586.8	2558.1	2511.2	2444.1	2313.7	2288.1	2267.4	2258.5	2367.7	2467.4	2556.5
25°	2849.0	2774.6	2748.9	2690.3	2556.2	2407.7	2473.0	2575.7	2718.4	2867.1	3010.5
22.5°	3075.8	3022.1	3005.5	2983.8	2764.8	2700.8	2790.4	2959.3	3154.3	3412.6	4150.2
20°	3299.2	3241.2	3222.2	3112.9	2998.1	3014.0	3180.4	3475.1	4020.6	5980.4	8373.8
17.5°	3487.1	3427.0	3362.1	3234.6	3198.1	3357.9	3690.9	4725.7	7300.2	13733.4	20271.9
15°	3662.1	3583.2	3472.8	3389.2	3458.4	3755.8	4580.7	8106.5	16445.9	27244.0	40858.5
12.5°	3817.7	3696.9	3542.4	3499.0	3709.4	4210.4	7445.4	15907.1	28663.5	44046.7	76008.6
10°	3925.9	3769.3	3634.7	3709.5	4044.0	5388.8	10714.2	23848.3	42720.1	77126.9	116918.4
7.5°	3972.4	3830.8	3752.4	3913.1	4359.7	6920.5	16129.0	32982.3	60337.3	106602.5	170090.9
5°	4025.2	3927.4	3883.6	4114.7	4663.9	8168.4	20023.2	40669.0	79176.8	134286.4	216043.4
2.5°	4131.7	4038.6	4008.1	4291.6	4929.9	9331.9	23066.4	46645.0	91658.3	157387.0	256822.2
0°	4319.7	4126.2	4102.0	4379.5	5036.8	9861.7	25063.2	50248.8	97595.0	167271.1	276886.2
-2.5°	4469.1	4238.5	4192.5	4439.9	5084.0	9602.1	24860.7	50124.6	95173.0	163967.6	264144.6
-5°	4599.4	4368.0	4304.5	4534.4	5187.3	9592.4	23543.6	45992.1	85162.4	144081.1	222610.4
-7.5°	4715.3	4515.3	4421.2	4604.1	5201.0	8590.2	19042.9	37865.9	68072.5	112490.5	172297.9
-10°	4837.5	4683.9	4555.7	4678.1	5143.1	6834.9	12739.5	27295.2	48478.4	81576.8	122615.8
-12.5°	4977.2	4899.8	4711.3	4729.1	5064.9	5767.7	9415.8	19056.2	33656.8	51388.1	81135.8
-15°	5095.7	5092.2	4934.4	4884.3	5051.1	5501.8	6569.2	10582.4	20416.1	33033.3	47749.0
-17.5°	5120.4	5246.5	5186.1	5032.8	5042.6	5295.3	5735.2	7012.8	10255.1	18175.7	26931.4
-20°	5136.4	5405.8	5412.0	5287.6	5178.4	5150.3	5351.4	5724.0	6448.5	9125.1	12648.3



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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°	5160.7	5416.7	5598.8	5564.4	5350.2	5225.0	5179.9	5321.1	5566.3	5911.7	7054.8
-25°	5172.3	5411.2	5671.9	5743.4	5653.6	5424.3	5252.8	5157.1	5243.8	5353.4	5577.0
-27.5°	5122.9	5402.6	5655.4	5867.3	5893.1	5743.2	5491.1	5286.6	5207.1	5131.8	5223.9
-30°	5041.0	5353.4	5617.7	5878.4	5982.7	5934.7	5802.8	5636.7	5443.0	5292.3	5239.4
-32.5°	4369.8	5279.7	5550.5	5776.4	5948.4	5997.6	5998.9	5910.0	5827.2	5711.0	5574.9
-35°	3600.2	4609.6	5490.5	5604.2	5761.9	5924.7	6045.7	6049.8	6040.1	5985.0	5927.7
-37.5°	2798.6	3739.3	4586.5	5264.6	5503.1	5694.8	5901.9	6041.8	6129.7	6113.8	6103.2
-40°	2436.5	2733.0	3525.6	4216.9	4796.9	5342.6	5566.9	5818.4	6020.6	6091.0	6138.5
-42.5°	2324.7	2451.5	2580.5	3104.4	3702.0	4227.5	4721.8	5193.1	5614.0	5852.4	6018.4
-45°	2263.4	2333.9	2412.9	2529.6	2630.4	3065.7	3508.6	3938.7	4463.7	4947.0	5366.2
-47.5°	2206.7	2261.8	2322.9	2383.0	2439.0	2518.0	2586.5	2708.6	3101.9	3498.5	3896.4
-50°	2115.3	2206.5	2257.2	2302.0	2341.6	2378.3	2410.0	2465.1	2530.4	2587.3	2644.9
-52.5°	1962.5	2065.2	2162.7	2236.6	2267.6	2298.0	2329.2	2371.0	2409.7	2445.0	2472.2
-55°	1791.2	1895.2	1993.4	2068.3	2135.5	2197.3	2252.4	2289.5	2325.5	2360.3	2386.8
-57.5°	1602.9	1708.8	1805.0	1876.7	1943.9	2006.3	2066.9	2125.2	2178.6	2226.7	2267.6
-60°	1412.2	1501.6	1588.4	1664.3	1733.6	1796.0	1856.0	1913.4	1965.9	2013.1	2054.1
-62.5°	1233.1	1316.0	1384.6	1446.7	1506.3	1564.0	1624.6	1680.5	1731.2	1777.6	1820.1
-65°	1071.6	1143.0	1195.0	1243.6	1289.6	1339.1	1392.4	1441.6	1486.5	1528.1	1566.5
-67.5°	905.5	967.4	1013.0	1055.1	1094.2	1133.7	1176.4	1216.2	1252.8	1287.8	1320.7
-70°	761.3	804.5	836.3	868.5	903.3	938.8	975.6	1009.1	1039.3	1067.9	1094.4
-72.5°	650.4	676.9	699.3	726.8	751.7	778.2	805.5	830.7	853.8	876.3	897.4
-75°	575.4	594.8	613.1	630.1	646.1	665.0	684.7	703.3	720.8	737.1	752.7
-77.5°	523.2	538.3	550.8	562.7	574.0	588.7	604.1	619.1	633.7	646.0	657.5
-80°	472.1	484.3	495.0	505.3	515.3	528.0	540.9	553.4	565.6	576.9	587.6
-82.5°	419.3	429.2	438.3	447.1	455.6	466.3	477.0	487.4	497.4	506.7	515.6
-85°	366.8	374.3	381.4	388.3	395.0	403.8	412.4	420.9	429.3	435.3	441.1
-87.5°	319.0	324.5	329.9	335.2	340.4	346.7	353.0	359.3	365.5	369.5	373.5
-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°	330.1	332.9	332.2	331.5	332.2	332.9	330.1	327.3	324.4	321.6	317.0
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	3.8	4.0	4.2
72.5°	10.0	9.8	10.0	10.0	10.0	9.8	10.0	10.0	9.9	9.8	9.8
70°	15.8	16.8	17.0	17.1	17.0	16.8	15.8	14.9	14.0	13.7	14.1
67.5°	11.8	11.6	10.8	10.0	10.8	11.6	11.8	12.0	12.1	12.8	14.0
65°	7.5	7.3	7.1	7.1	7.1	7.3	7.5	7.8	8.2	9.2	10.7
62.5°	5.4	5.7	5.7	5.7	5.7	5.7	5.4	5.2	5.2	5.6	6.6
60°	3.9	4.3	4.3	4.3	4.3	4.3	3.9	3.6	3.4	3.7	4.0
57.5°	3.7	4.2	4.3	4.3	4.3	4.2	3.7	3.3	2.8	4.0	4.7
55°	10.8	11.1	10.8	10.0	10.8	11.1	10.8	10.2	9.3	11.8	12.3
52.5°	51.9	47.9	41.7	34.1	41.7	47.9	51.9	52.7	51.7	52.8	46.0
50°	180.6	185.4	181.1	167.9	181.1	185.4	180.6	170.6	165.5	165.9	149.4
47.5°	371.9	376.0	363.0	332.9	363.0	376.0	371.9	357.9	355.1	359.1	349.4
45°	778.6	772.6	705.6	566.3	705.6	772.6	778.6	754.0	721.0	664.7	585.3
42.5°	1342.7	1402.5	1437.8	1438.5	1437.8	1402.5	1342.7	1271.5	1268.5	1221.2	1127.8
40°	1737.9	1667.8	1591.2	1579.3	1591.2	1667.8	1737.9	1752.2	1761.1	1820.1	1766.5
37.5°	1961.9	1976.6	1968.1	1802.7	1968.1	1976.6	1961.9	1973.8	1978.9	1988.7	1977.9
35°	2033.2	2144.3	2258.8	2282.2	2258.8	2144.3	2033.2	2000.7	2014.8	2021.4	2034.1
32.5°	2067.6	2105.8	2116.1	2120.0	2116.1	2105.8	2067.6	2042.3	2036.6	2053.2	2080.8
30°	2255.8	2280.7	2277.0	2272.3	2277.0	2280.7	2255.8	2213.9	2123.1	2119.1	2145.3
27.5°	2598.5	2639.7	2658.1	2670.7	2658.1	2639.7	2598.5	2556.5	2467.4	2367.7	2258.5
25°	3089.0	3152.0	3195.2	3214.2	3195.2	3152.0	3089.0	3010.5	2867.1	2718.4	2575.7
22.5°	5002.1	5438.6	5870.6	6094.0	5870.6	5438.6	5002.1	4150.2	3412.6	3154.3	2959.3
20°	12487.3	14373.4	15234.7	15486.1	15234.7	14373.4	12487.3	8373.8	5980.4	4020.6	3475.1
17.5°	29080.4	36229.5	41011.3	36821.5	41011.3	36229.5	29080.4	20271.9	13733.4	7300.2	4725.7
15°	59520.8	77627.1	87758.9	82057.6	87758.9	77627.1	59520.8	40858.5	27244.0	16445.9	8106.5
12.5°	107239.5	135497.1	154475.9	148217.3	154475.9	135497.1	107239.5	76008.6	44046.7	28663.5	15907.1
10°	168792.5	225614.2	263449.4	272802.6	263449.4	225614.2	168792.5	116918.4	77126.9	42720.1	23848.3
7.5°	244950.3	315303.2	370836.1	379431.2	370836.1	315303.2	244950.3	170090.9	106602.5	60337.3	32982.3
5°	319455.1	402497.6	460278.5	475278.9	460278.5	402497.6	319455.1	216043.4	134286.4	79176.8	40669.0
2.5°	365698.1	456083.2	525683.4	556340.6	525683.4	456083.2	365698.1	256822.2	157387.0	91658.3	46645.0
0°	382203.6	476599.3	552115.5	596091.7	552115.5	476599.3	382203.6	276886.2	167271.1	97595.0	50248.8
-2.5°	369406.7	454890.8	518639.9	549210.7	518639.9	454890.8	369406.7	264144.6	163967.6	95173.0	50124.6
-5°	314630.1	399564.7	451432.2	476334.6	451432.2	399564.7	314630.1	222610.4	144081.1	85162.4	45992.1
-7.5°	245855.5	313835.3	358623.9	381279.4	358623.9	313835.3	245855.5	172297.9	112490.5	68072.5	37865.9
-10°	172025.0	225958.1	256149.2	274635.2	256149.2	225958.1	172025.0	122615.8	81576.8	48478.4	27295.2
-12.5°	111927.9	143320.2	160229.2	172073.1	160229.2	143320.2	111927.9	81135.8	51388.1	33656.8	19056.2
-15°	67946.9	83246.2	92426.5	98181.2	92426.5	83246.2	67946.9	47749.0	33033.3	20416.1	10582.4
-17.5°	37923.9	44495.2	49148.1	51722.8	49148.1	44495.2	37923.9	26931.4	18175.7	10255.1	7012.8
-20°	18817.9	22974.9	25705.4	26851.7	25705.4	22974.9	18817.9	12648.3	9125.1	6448.5	5724.0



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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°	8684.6	9795.0	10530.2	10880.4	10530.2	9795.0	8684.6	7054.8	5911.7	5566.3	5321.1
-25°	5794.4	5968.6	6096.6	6152.3	6096.6	5968.6	5794.4	5577.0	5353.4	5243.8	5157.1
-27.5°	5307.2	5399.6	5476.1	5506.4	5476.1	5399.6	5307.2	5223.9	5131.8	5207.1	5286.6
-30°	5198.8	5202.9	5224.5	5224.6	5224.5	5202.9	5198.8	5239.4	5292.3	5443.0	5636.7
-32.5°	5472.0	5412.0	5385.9	5413.9	5385.9	5412.0	5472.0	5574.9	5711.0	5827.2	5910.0
-35°	5889.4	5873.2	5874.5	5904.8	5874.5	5873.2	5889.4	5927.7	5985.0	6040.1	6049.8
-37.5°	6106.0	6118.7	6133.1	6136.7	6133.1	6118.7	6106.0	6103.2	6113.8	6129.7	6041.8
-40°	6166.1	6191.0	6209.8	6216.4	6209.8	6191.0	6166.1	6138.5	6091.0	6020.6	5818.4
-42.5°	6091.6	6141.2	6167.4	6173.7	6167.4	6141.2	6091.6	6018.4	5852.4	5614.0	5193.1
-45°	5670.5	5891.3	6016.2	6049.9	6016.2	5891.3	5670.5	5366.2	4947.0	4463.7	3938.7
-47.5°	4283.4	4630.0	4871.3	4982.8	4871.3	4630.0	4283.4	3896.4	3498.5	3101.9	2708.6
-50°	2705.2	2762.3	2804.9	2831.4	2804.9	2762.3	2705.2	2644.9	2587.3	2530.4	2465.1
-52.5°	2495.7	2516.7	2529.0	2534.1	2529.0	2516.7	2495.7	2472.2	2445.0	2409.7	2371.0
-55°	2409.4	2428.8	2437.3	2438.7	2437.3	2428.8	2409.4	2386.8	2360.3	2325.5	2289.5
-57.5°	2302.9	2332.5	2345.6	2347.7	2345.6	2332.5	2302.9	2267.6	2226.7	2178.6	2125.2
-60°	2088.9	2117.5	2131.7	2137.1	2131.7	2117.5	2088.9	2054.1	2013.1	1965.9	1913.4
-62.5°	1857.0	1888.2	1897.7	1896.6	1897.7	1888.2	1857.0	1820.1	1777.6	1731.2	1680.5
-65°	1600.0	1628.6	1636.8	1636.3	1636.8	1628.6	1600.0	1566.5	1528.1	1486.5	1441.6
-67.5°	1349.7	1374.9	1383.6	1385.8	1383.6	1374.9	1349.7	1320.7	1287.8	1252.8	1216.2
-70°	1117.5	1137.4	1142.4	1142.5	1142.4	1137.4	1117.5	1094.4	1067.9	1039.3	1009.1
-72.5°	916.6	933.7	936.6	936.2	936.6	933.7	916.6	897.4	876.3	853.8	830.7
-75°	767.3	780.9	781.3	779.7	781.3	780.9	767.3	752.7	737.1	720.8	703.3
-77.5°	668.2	678.3	680.4	681.5	680.4	678.3	668.2	657.5	646.0	633.7	619.1
-80°	597.9	607.6	607.3	606.1	607.3	607.6	597.9	587.6	576.9	565.6	553.4
-82.5°	524.3	532.5	532.6	532.1	532.6	532.5	524.3	515.6	506.7	497.4	487.4
-85°	446.6	451.9	451.6	451.0	451.6	451.9	446.6	441.1	435.3	429.3	420.9
-87.5°	377.3	381.1	381.3	381.3	381.3	381.1	377.3	373.5	369.5	365.5	359.3
-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°	312.4	307.7	303.1	297.8	292.4	287.1	281.7	273.9	266.1	258.2	250.4
87.5°	2.1	2.4	2.7	2.7	2.7	2.7	2.8	3.2	3.6	3.9	4.3
85°	2.1	2.5	2.8	2.8	2.8	2.8	2.8	3.2	3.6	3.9	4.3
82.5°	2.7	2.7	2.8	3.1	3.3	3.4	3.5	3.6	3.8	4.0	4.3
80°	2.8	2.8	2.9	3.2	3.6	4.0	4.3	4.4	4.3	4.3	4.4
77.5°	2.8	2.8	2.9	3.3	3.6	4.0	4.4	4.7	4.9	5.1	5.1
75°	4.2	4.2	4.2	4.5	4.5	4.3	4.4	4.8	5.1	5.5	5.7
72.5°	9.6	9.2	9.0	9.0	8.7	8.8	8.5	7.8	7.1	6.2	5.9
70°	14.6	14.9	15.7	16.7	16.9	16.5	16.0	14.6	12.1	10.4	9.4
67.5°	15.3	16.4	18.4	20.6	21.8	22.6	24.4	25.3	24.2	21.5	16.5
65°	12.5	14.4	16.6	18.4	20.8	23.8	30.2	33.7	34.5	33.5	27.9
62.5°	7.8	9.4	11.4	13.6	16.2	20.4	28.7	35.5	41.2	43.0	37.0
60°	4.2	4.5	6.8	9.1	11.3	16.0	24.5	33.5	43.1	44.3	42.3
57.5°	4.7	5.4	7.4	8.6	8.7	14.4	21.9	29.1	38.0	43.1	43.3
55°	10.3	12.1	14.4	14.7	14.3	20.6	24.4	28.7	36.9	42.0	45.3
52.5°	33.7	43.1	43.4	31.8	34.3	42.0	36.6	39.2	46.2	52.8	53.3
50°	133.4	136.3	122.7	100.0	109.2	97.4	86.2	72.2	82.1	84.2	72.8
47.5°	330.5	303.6	270.6	244.6	238.4	235.0	204.2	166.3	177.4	142.6	125.7
45°	561.8	521.2	468.0	423.8	388.4	372.4	365.4	341.7	319.1	288.1	202.2
42.5°	1054.0	864.0	706.9	638.6	545.3	506.1	484.5	480.7	470.1	450.4	385.0
40°	1650.2	1633.8	1359.4	990.4	820.5	658.9	603.8	580.0	579.8	576.3	540.6
37.5°	1963.1	1922.1	1847.5	1676.0	1283.2	1005.5	800.9	689.3	661.3	659.9	635.2
35°	2035.4	2025.8	2023.4	1945.8	1817.9	1545.2	1189.2	895.9	759.8	728.9	715.3
32.5°	2089.1	2106.8	2116.0	2099.8	2109.8	2101.5	1761.9	1307.1	907.7	815.8	782.9
30°	2166.5	2192.3	2204.2	2243.0	2320.9	2354.4	2352.5	1819.6	1266.1	907.6	856.1
27.5°	2267.4	2288.1	2313.7	2444.1	2511.2	2558.1	2586.8	2432.6	1663.6	1160.6	941.7
25°	2473.0	2407.7	2556.2	2690.3	2748.9	2774.6	2849.0	2779.7	2254.8	1457.7	1030.5
22.5°	2790.4	2700.8	2764.8	2983.8	3005.5	3022.1	3075.8	3092.3	2845.6	1887.3	1289.7
20°	3180.4	3014.0	2998.1	3112.9	3222.2	3241.2	3299.2	3326.1	3097.6	2412.2	1583.3
17.5°	3690.9	3357.9	3198.1	3234.6	3362.1	3427.0	3487.1	3505.5	3346.4	2884.8	1878.5
15°	4580.7	3755.8	3458.4	3389.2	3472.8	3583.2	3662.1	3720.7	3569.6	3191.3	2271.1
12.5°	7445.4	4210.4	3709.4	3499.0	3542.4	3696.9	3817.7	3890.1	3745.4	3396.5	2659.3
10°	10714.2	5388.8	4044.0	3709.5	3634.7	3769.3	3925.9	3974.6	3864.2	3565.9	2987.0
7.5°	16129.0	6920.5	4359.7	3913.1	3752.4	3830.8	3972.4	4033.0	3965.0	3699.5	3257.4
5°	20023.2	8168.4	4663.9	4114.7	3883.6	3927.4	4025.2	4093.2	4048.9	3803.2	3473.7
2.5°	23066.4	9331.9	4929.9	4291.6	4008.1	4038.6	4131.7	4155.8	4085.9	3816.3	3561.5
0°	25063.2	9861.7	5036.8	4379.5	4102.0	4126.2	4319.7	4221.5	4096.3	3800.4	3606.9
-2.5°	24860.7	9602.1	5084.0	4439.9	4192.5	4238.5	4469.1	4474.0	4190.5	3840.4	3642.1
-5°	23543.6	9592.4	5187.3	4534.4	4304.5	4368.0	4599.4	4629.5	4273.9	3894.9	3632.0
-7.5°	19042.9	8590.2	5201.0	4604.1	4421.2	4515.3	4715.3	4692.5	4372.9	4053.7	3675.5
-10°	12739.5	6834.9	5143.1	4678.1	4555.7	4683.9	4837.5	4753.0	4472.0	4202.1	3657.2
-12.5°	9415.8	5767.7	5064.9	4729.1	4711.3	4899.8	4977.2	4812.2	4579.0	4339.5	3569.9
-15°	6569.2	5501.8	5051.1	4884.3	4934.4	5092.2	5095.7	4850.1	4637.2	4431.4	3408.1
-17.5°	5735.2	5295.3	5042.6	5032.8	5186.1	5246.5	5120.4	4885.3	4660.0	4287.1	3108.6
-20°	5351.4	5150.3	5178.4	5287.6	5412.0	5405.8	5136.4	4910.6	4642.9	3893.1	2764.2



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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°	5179.9	5225.0	5350.2	5564.4	5598.8	5416.7	5160.7	4912.5	4585.0	3428.2	2407.2
-25°	5252.8	5424.3	5653.6	5743.4	5671.9	5411.2	5172.3	4863.4	4084.9	2968.0	2095.3
-27.5°	5491.1	5743.2	5893.1	5867.3	5655.4	5402.6	5122.9	4676.4	3507.1	2562.0	2080.5
-30°	5802.8	5934.7	5982.7	5878.4	5617.7	5353.4	5041.0	3993.7	2985.8	2224.0	2046.2
-32.5°	5998.9	5997.6	5948.4	5776.4	5550.5	5279.7	4369.8	3309.6	2448.6	2174.9	2022.1
-35°	6045.7	5924.7	5761.9	5604.2	5490.5	4609.6	3600.2	2684.4	2291.3	2124.8	1999.5
-37.5°	5901.9	5694.8	5503.1	5264.6	4586.5	3739.3	2798.6	2376.2	2212.7	2095.6	1980.8
-40°	5566.9	5342.6	4796.9	4216.9	3525.6	2733.0	2436.5	2274.6	2168.7	2067.2	1961.7
-42.5°	4721.8	4227.5	3702.0	3104.4	2580.5	2451.5	2324.7	2223.2	2126.6	2035.8	1887.7
-45°	3508.6	3065.7	2630.4	2529.6	2412.9	2333.9	2263.4	2177.5	2091.2	1949.6	1791.3
-47.5°	2586.5	2518.0	2439.0	2383.0	2322.9	2261.8	2206.7	2133.7	1986.7	1836.2	1673.2
-50°	2410.0	2378.3	2341.6	2302.0	2257.2	2206.5	2115.3	2002.1	1857.5	1704.4	1548.0
-52.5°	2329.2	2298.0	2267.6	2236.6	2162.7	2065.2	1962.5	1846.6	1712.3	1563.4	1413.5
-55°	2252.4	2197.3	2135.5	2068.3	1993.4	1895.2	1791.2	1678.2	1552.7	1412.5	1278.6
-57.5°	2066.9	2006.3	1943.9	1876.7	1805.0	1708.8	1602.9	1494.5	1385.5	1261.1	1142.0
-60°	1856.0	1796.0	1733.6	1664.3	1588.4	1501.6	1412.2	1315.9	1212.9	1117.9	1021.8
-62.5°	1624.6	1564.0	1506.3	1446.7	1384.6	1316.0	1233.1	1152.2	1069.8	984.7	896.0
-65°	1392.4	1339.1	1289.6	1243.6	1195.0	1143.0	1071.6	998.1	922.7	845.7	767.4
-67.5°	1176.4	1133.7	1094.2	1055.1	1013.0	967.4	905.5	839.5	780.2	722.5	661.6
-70°	975.6	938.8	903.3	868.5	836.3	804.5	761.3	712.1	661.1	618.7	579.4
-72.5°	805.5	778.2	751.7	726.8	699.3	676.9	650.4	617.7	584.1	549.5	517.5
-75°	684.7	665.0	646.1	630.1	613.1	594.8	575.4	551.1	526.9	502.8	478.6
-77.5°	604.1	588.7	574.0	562.7	550.8	538.3	523.2	502.2	481.3	460.2	438.9
-80°	540.9	528.0	515.3	505.3	495.0	484.3	472.1	453.9	435.5	417.0	398.2
-82.5°	477.0	466.3	455.6	447.1	438.3	429.2	419.3	403.6	387.8	372.0	356.2
-85°	412.4	403.8	395.0	388.3	381.4	374.3	366.8	353.9	340.9	327.8	314.5
-87.5°	353.0	346.7	340.4	335.2	329.9	324.5	319.0	308.8	298.7	288.6	278.5
-90°	1.4	1.4	1.4	1.8	2.1	2.5	2.8	3.2	3.6	3.9	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°	241.2	231.9	222.7	213.4	201.0	188.5	176.1	163.6	150.5	137.3	124.2
87.5°	4.3	4.3	4.3	4.3	4.7	5.0	5.4	5.7	5.7	5.7	5.7
85°	4.3	4.3	4.3	4.3	4.7	5.0	5.4	5.7	5.7	5.7	5.7
82.5°	4.3	4.3	4.3	4.3	4.7	5.0	5.4	5.7	5.8	5.7	5.7
80°	4.6	4.7	4.8	4.8	4.9	5.1	5.4	5.8	6.1	6.2	6.1
77.5°	5.1	5.2	5.4	5.6	5.7	5.8	5.8	6.0	6.5	6.8	6.8
75°	5.7	5.6	5.6	5.9	6.4	6.5	6.5	6.8	7.4	7.4	7.5
72.5°	6.1	6.1	6.0	6.2	7.0	7.4	7.4	7.7	8.5	8.8	8.4
70°	8.3	7.1	6.7	7.5	8.2	8.4	8.6	9.3	9.8	10.2	9.9
67.5°	12.0	10.7	9.3	9.4	10.1	10.5	10.1	11.3	12.1	11.7	11.5
65°	22.0	16.8	12.8	13.7	13.5	12.9	12.7	13.8	14.6	14.4	13.1
62.5°	31.0	25.0	21.1	19.6	18.4	17.3	15.7	17.5	17.6	17.2	15.6
60°	39.0	32.5	30.3	29.2	25.9	22.6	21.7	21.5	21.7	20.2	18.5
57.5°	41.2	38.8	41.3	40.1	36.3	30.7	29.1	28.4	26.1	24.2	21.7
55°	43.2	43.8	53.1	53.4	48.4	41.5	39.5	37.3	31.7	28.7	25.7
52.5°	50.1	57.0	66.7	68.6	63.2	55.7	54.4	46.9	41.2	33.3	31.0
50°	66.2	79.3	87.1	87.6	80.0	77.2	70.9	62.4	51.4	39.6	36.9
47.5°	111.8	122.9	116.1	111.9	102.7	102.4	94.2	79.5	62.2	49.6	43.3
45°	203.0	192.6	166.8	145.3	136.8	135.7	122.1	97.8	78.9	61.9	50.2
42.5°	314.1	291.8	252.5	183.4	184.1	174.8	153.0	125.1	96.5	74.8	59.8
40°	464.9	408.8	354.5	282.9	238.4	218.4	192.1	155.7	115.2	89.8	71.4
37.5°	602.6	532.9	472.6	381.4	305.5	273.3	235.1	188.3	139.3	108.6	83.3
35°	685.9	645.5	577.2	476.7	392.0	332.5	281.0	225.0	169.5	127.9	95.4
32.5°	757.5	733.4	663.8	567.8	473.5	395.8	333.8	263.2	199.1	147.4	107.7
30°	824.1	798.8	749.7	652.4	551.0	467.1	387.0	299.9	228.0	167.2	121.1
27.5°	893.9	864.5	830.5	731.2	625.4	533.9	432.0	334.9	256.2	188.9	137.4
25°	965.7	928.8	891.2	809.0	694.3	587.0	475.2	368.3	285.3	212.6	153.5
22.5°	1047.4	990.6	951.6	885.9	756.7	640.7	518.4	405.1	313.7	235.5	169.4
20°	1128.2	1050.3	1009.7	948.0	818.8	694.3	562.8	439.8	340.4	257.3	185.1
17.5°	1236.6	1113.2	1055.8	991.8	877.1	746.0	606.3	472.5	365.5	278.2	200.3
15°	1491.5	1181.0	1101.7	1034.2	930.1	795.4	648.5	502.8	388.8	297.9	214.3
12.5°	1758.1	1248.2	1147.7	1074.8	978.0	842.3	689.0	530.9	410.4	315.8	226.5
10°	2027.0	1314.0	1193.0	1113.6	1021.0	886.2	727.3	559.7	433.9	332.1	237.7
7.5°	2287.8	1377.3	1237.2	1150.3	1059.4	924.2	763.4	593.3	456.9	347.3	247.9
5°	2511.0	1433.3	1281.7	1189.9	1094.9	955.2	795.0	624.9	478.6	361.1	257.0
2.5°	2618.9	1478.0	1324.6	1228.1	1127.0	981.9	822.2	654.0	498.6	373.5	264.9
0°	2680.6	1516.7	1364.5	1263.5	1155.3	1004.5	845.2	680.1	516.5	384.2	271.8
-2.5°	2676.1	1553.4	1402.7	1300.8	1195.7	1035.2	864.0	694.7	530.3	396.8	281.1
-5°	2628.1	1584.7	1437.6	1335.4	1231.3	1061.1	878.8	705.9	541.8	407.4	289.2
-7.5°	2593.8	1620.6	1472.0	1368.0	1261.3	1081.2	889.5	713.9	550.8	416.0	295.9
-10°	2519.9	1656.0	1506.6	1398.3	1279.6	1094.6	896.6	718.5	557.3	422.4	301.3
-12.5°	2389.4	1684.0	1536.8	1424.8	1291.4	1102.1	904.7	723.4	561.8	426.6	305.2
-15°	2200.1	1703.9	1562.2	1447.1	1297.5	1104.7	908.1	726.2	565.8	429.0	307.6
-17.5°	1950.0	1715.3	1582.6	1464.9	1298.1	1102.3	906.6	725.0	566.9	429.9	309.4
-20°	1909.8	1729.6	1597.9	1478.0	1292.9	1095.0	900.0	719.9	565.2	428.4	310.3



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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°	1911.7	1747.8	1615.0	1470.7	1280.9	1082.8	888.2	710.6	560.5	424.5	309.5
-25°	1905.9	1760.1	1630.1	1462.7	1262.4	1065.7	873.0	697.2	552.9	418.4	306.9
-27.5°	1907.3	1768.1	1642.1	1447.7	1244.1	1042.5	854.6	685.9	542.8	409.8	302.5
-30°	1907.7	1776.7	1625.3	1424.2	1218.5	1016.7	831.4	671.3	531.0	401.8	296.4
-32.5°	1896.7	1782.4	1593.8	1389.4	1184.9	985.2	805.2	653.3	516.4	393.4	293.0
-35°	1887.2	1748.3	1554.0	1346.5	1143.8	952.8	778.8	631.8	499.1	382.7	289.9
-37.5°	1869.8	1687.2	1498.7	1295.1	1095.7	915.0	753.1	609.7	479.1	369.8	285.4
-40°	1795.9	1614.8	1426.7	1235.3	1046.6	871.8	722.8	584.4	460.6	354.7	279.7
-42.5°	1713.4	1529.4	1346.8	1166.1	993.6	833.2	688.3	555.0	440.6	343.7	272.8
-45°	1613.6	1436.3	1259.8	1095.7	936.7	789.8	650.9	522.7	417.9	334.4	266.9
-47.5°	1506.1	1335.2	1172.8	1019.8	882.4	741.8	608.9	494.1	392.8	323.5	263.0
-50°	1389.7	1232.7	1084.2	947.6	819.3	689.6	565.3	462.4	377.5	310.3	258.3
-52.5°	1270.2	1130.6	998.4	874.2	752.2	632.5	526.4	429.5	360.2	300.8	252.8
-55°	1149.5	1032.9	913.8	795.9	680.9	581.0	484.2	407.4	341.2	292.5	246.7
-57.5°	1038.1	935.3	823.5	712.9	615.4	527.8	450.2	383.3	328.4	283.4	241.3
-60°	925.8	829.0	728.0	637.2	552.6	481.3	420.2	361.5	316.9	273.9	234.9
-62.5°	807.2	722.1	644.5	564.1	500.0	444.2	391.0	347.3	304.6	265.2	227.6
-65°	699.3	630.4	562.7	510.4	458.0	410.5	373.3	332.2	293.1	255.8	219.8
-67.5°	599.9	555.8	511.4	463.3	424.7	389.3	354.2	317.8	281.3	245.8	211.3
-70°	539.4	499.1	466.2	433.9	400.4	367.5	336.4	303.2	268.7	234.7	202.2
-72.5°	490.2	462.9	435.7	406.5	376.4	346.9	318.1	287.7	254.7	223.0	192.5
-75°	453.8	429.3	405.1	379.9	352.4	325.4	298.4	270.5	240.1	210.7	182.3
-77.5°	417.1	395.6	374.4	352.0	326.7	301.9	277.5	252.6	224.7	197.6	171.6
-80°	379.2	360.3	341.5	322.2	299.8	277.7	255.8	233.6	208.4	184.1	160.5
-82.5°	340.1	324.0	307.9	291.4	271.7	252.3	233.1	213.9	191.7	170.0	150.1
-85°	300.9	287.2	273.5	259.6	242.9	226.4	211.0	195.5	177.2	159.2	141.7
-87.5°	267.7	257.0	246.2	235.3	221.5	207.6	193.7	179.7	163.9	148.4	133.0
-90°	4.3	4.3	4.3	4.3	4.7	5.0	5.4	5.7	5.7	5.7	5.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	111.0	92.5	74.0	55.5	37.0	22.7	8.5
87.5°	5.7	5.9	5.9	6.0	5.9	7.4	8.5
85°	5.7	6.0	6.2	6.2	6.2	7.6	8.5
82.5°	5.7	6.2	6.4	6.5	6.5	7.9	8.5
80°	5.8	6.3	6.7	6.8	6.7	8.1	8.5
77.5°	6.6	6.8	7.0	7.1	7.0	8.4	8.5
75°	7.5	7.8	7.4	7.4	7.3	8.6	8.5
72.5°	8.4	8.8	8.4	7.7	7.7	8.9	8.5
70°	9.5	9.9	9.5	8.1	8.0	9.2	8.5
67.5°	11.3	11.0	10.5	9.0	8.4	9.5	8.5
65°	13.3	12.6	11.6	10.0	8.8	9.8	8.5
62.5°	15.4	14.6	12.7	11.0	9.2	10.0	8.5
60°	17.6	16.8	13.9	11.9	9.6	10.3	8.5
57.5°	21.1	19.0	15.8	12.9	10.6	10.6	8.5
55°	24.9	21.4	17.9	13.9	11.6	10.9	8.5
52.5°	28.9	24.0	20.0	14.8	12.6	11.2	8.5
50°	33.2	27.8	22.1	15.8	13.7	11.5	8.5
47.5°	37.9	31.6	24.2	17.0	14.8	11.8	8.5
45°	43.9	35.6	26.4	18.6	15.9	12.1	8.5
42.5°	50.1	39.7	28.6	20.3	17.1	12.4	8.5
40°	56.6	43.9	31.3	22.5	18.3	12.8	8.5
37.5°	63.3	48.2	34.6	25.0	19.5	13.1	8.5
35°	70.3	53.3	37.9	27.5	20.7	13.4	8.5
32.5°	78.3	58.8	41.1	30.1	22.0	13.7	8.5
30°	88.3	64.3	44.4	32.8	23.2	14.0	8.5
27.5°	98.2	69.9	49.0	35.4	24.5	14.3	8.5
25°	108.0	75.4	53.7	38.1	25.7	14.6	8.5
22.5°	117.7	81.3	58.4	40.8	27.0	14.9	8.5
20°	127.2	88.0	63.0	43.5	28.2	15.2	8.5
17.5°	136.8	94.6	67.5	46.1	29.5	15.4	8.5
15°	146.0	100.8	72.0	48.7	30.7	15.7	8.5
12.5°	154.6	106.8	76.3	51.2	31.9	16.0	8.5
10°	162.8	112.6	80.5	53.7	33.0	16.2	8.5
7.5°	170.3	118.0	84.5	56.1	34.1	16.5	8.5
5°	177.2	123.1	88.3	58.4	35.1	16.7	8.5
2.5°	183.5	127.9	91.9	60.6	36.1	16.9	8.5
0°	189.2	132.3	95.3	62.6	37.0	17.1	8.5
-2.5°	195.9	137.8	99.6	65.9	39.0	17.9	8.5
-5°	202.0	142.9	103.6	69.0	40.9	18.7	8.5
-7.5°	207.3	147.6	107.3	72.0	42.8	19.5	8.5
-10°	211.9	152.0	110.8	74.8	44.5	20.3	8.5
-12.5°	215.8	155.9	114.0	77.4	46.1	21.0	8.5
-15°	218.9	159.4	116.9	79.8	47.7	21.7	8.5
-17.5°	221.2	162.4	119.6	82.0	49.1	22.4	8.5
-20°	223.2	165.0	121.9	83.9	50.3	23.0	8.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	225.1	167.1	124.0	85.7	51.5	23.7	8.5
-25°	226.0	169.2	125.8	87.2	52.4	24.2	8.5
-27.5°	226.0	170.9	127.3	88.5	53.3	24.7	8.5
-30°	225.0	172.1	128.6	89.5	54.0	25.2	8.5
-32.5°	223.0	172.7	129.6	90.3	54.6	25.7	8.5
-35°	222.3	172.8	130.3	90.8	55.0	26.0	8.5
-37.5°	221.9	172.7	130.6	91.1	55.2	26.4	8.5
-40°	220.7	172.6	130.5	91.2	55.3	26.7	8.5
-42.5°	218.9	172.1	130.1	90.9	55.2	26.9	8.5
-45°	216.3	171.1	129.4	90.4	55.0	27.1	8.5
-47.5°	213.1	169.5	128.4	89.6	54.6	27.3	8.5
-50°	210.4	167.5	126.9	88.7	54.1	27.4	8.5
-52.5°	207.3	165.0	125.2	87.6	53.4	27.4	8.5
-55°	203.5	162.2	123.0	86.2	52.5	27.4	8.5
-57.5°	199.2	158.9	120.5	84.6	51.5	27.4	8.5
-60°	194.3	155.1	117.7	82.8	50.4	27.3	8.5
-62.5°	188.9	150.9	114.7	80.7	49.8	27.1	8.5
-65°	183.0	146.2	111.4	78.4	49.2	26.9	8.5
-67.5°	176.5	141.2	107.7	75.9	48.4	26.7	8.5
-70°	169.6	135.9	103.7	73.1	47.5	26.4	8.5
-72.5°	162.2	130.2	99.5	71.3	46.5	26.1	8.5
-75°	154.3	124.1	95.0	69.4	45.4	25.7	8.5
-77.5°	146.0	117.6	91.7	67.5	44.2	25.3	8.5
-80°	137.4	112.4	88.5	65.3	42.9	24.9	8.5
-82.5°	130.9	107.8	85.2	63.1	41.6	24.4	8.5
-85°	124.5	102.9	81.6	60.7	40.1	23.9	8.5
-87.5°	117.9	97.8	77.9	58.1	38.6	23.3	8.5
-90°	5.7	5.7	5.7	5.7	5.7	7.1	8.5

(END OF REPORT)