Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1201135

Luminaire Tested: GWC-SB1A-735-U-SLL

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201135
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-SLL
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4493 lumens
Efficiency:	N/A
Efficacy:	145.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

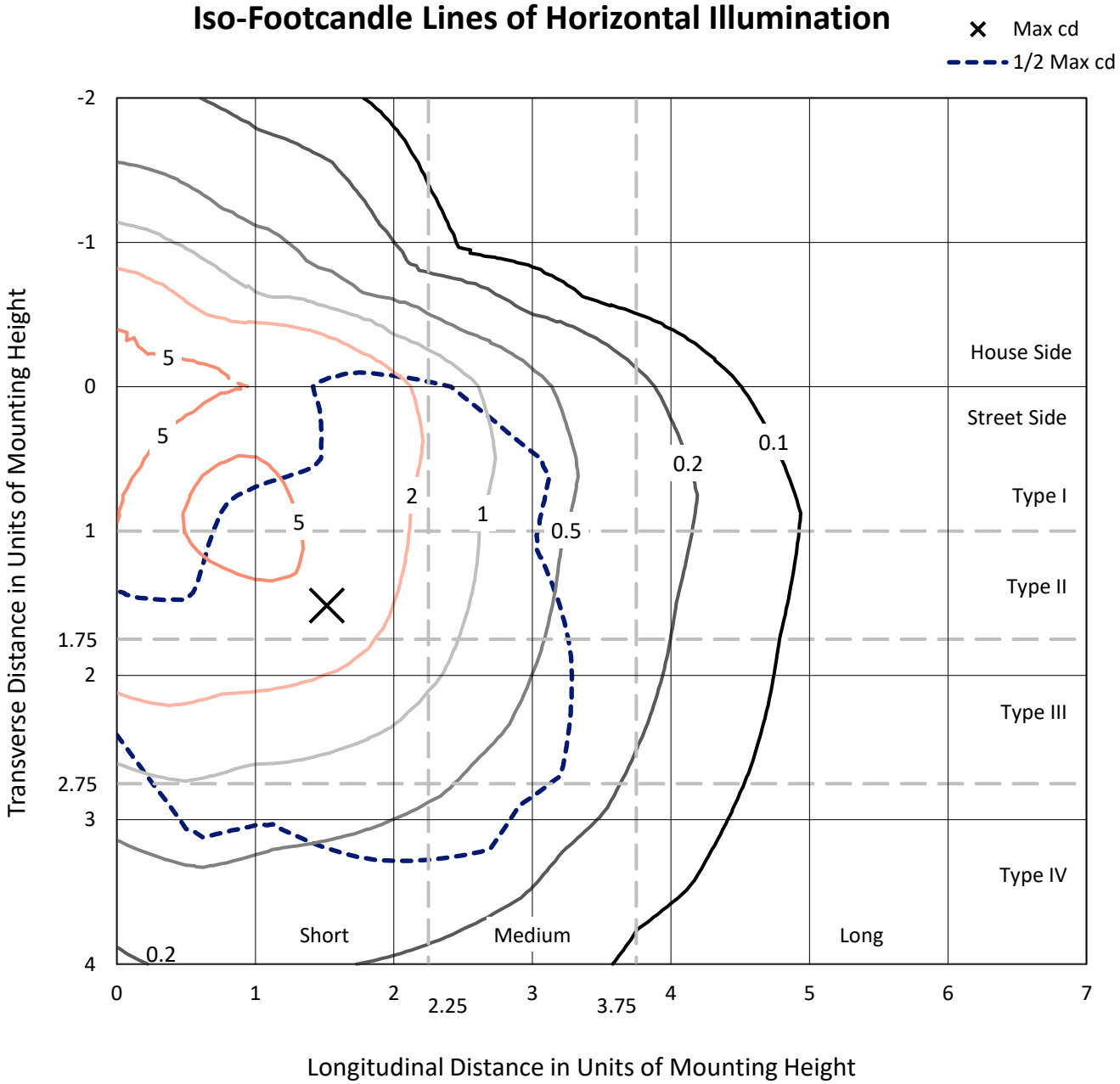


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Iso-Footcandle Lines of Horizontal Illumination



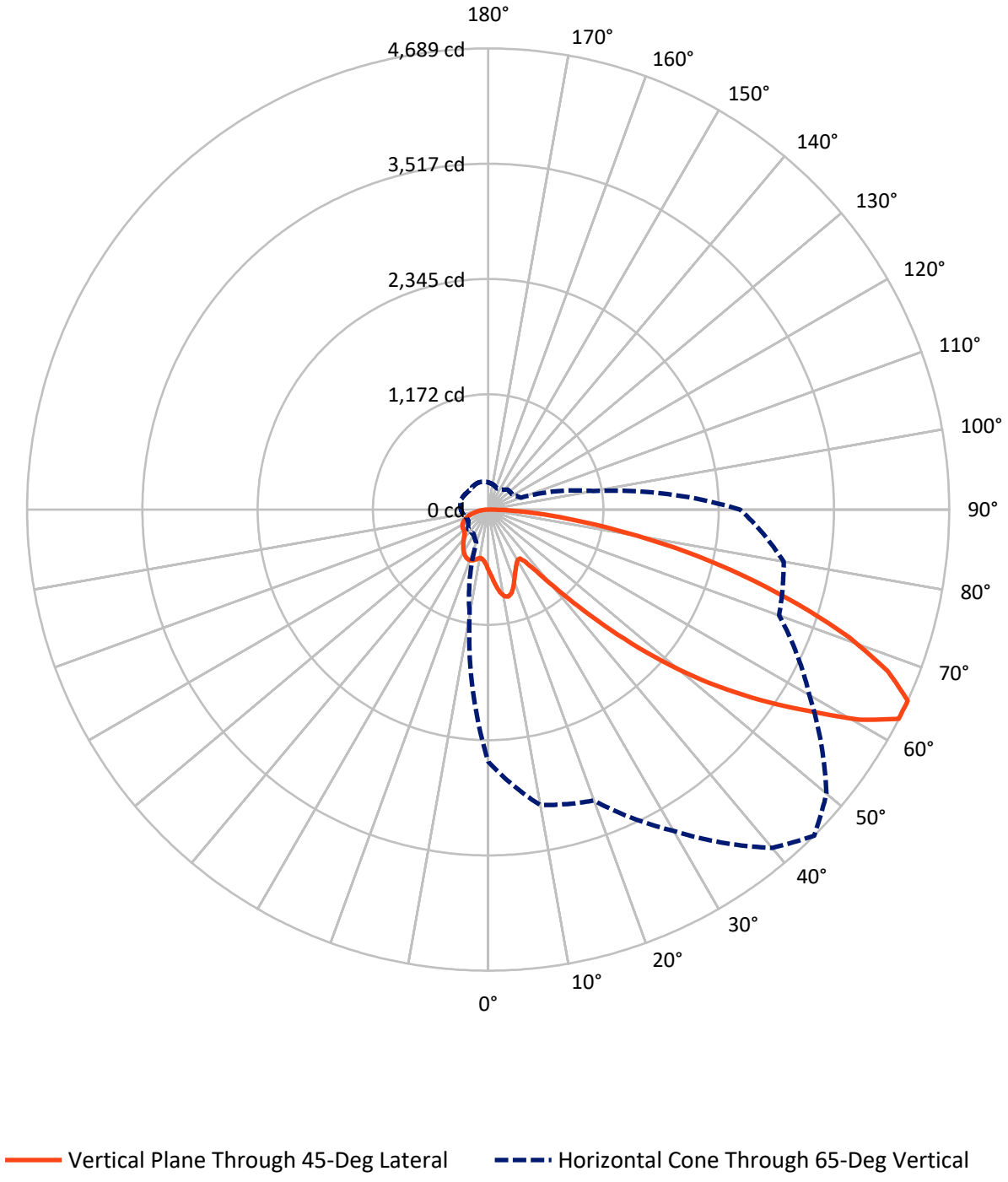
Based on 10 foot mounting height. Maximum calculated value = 8.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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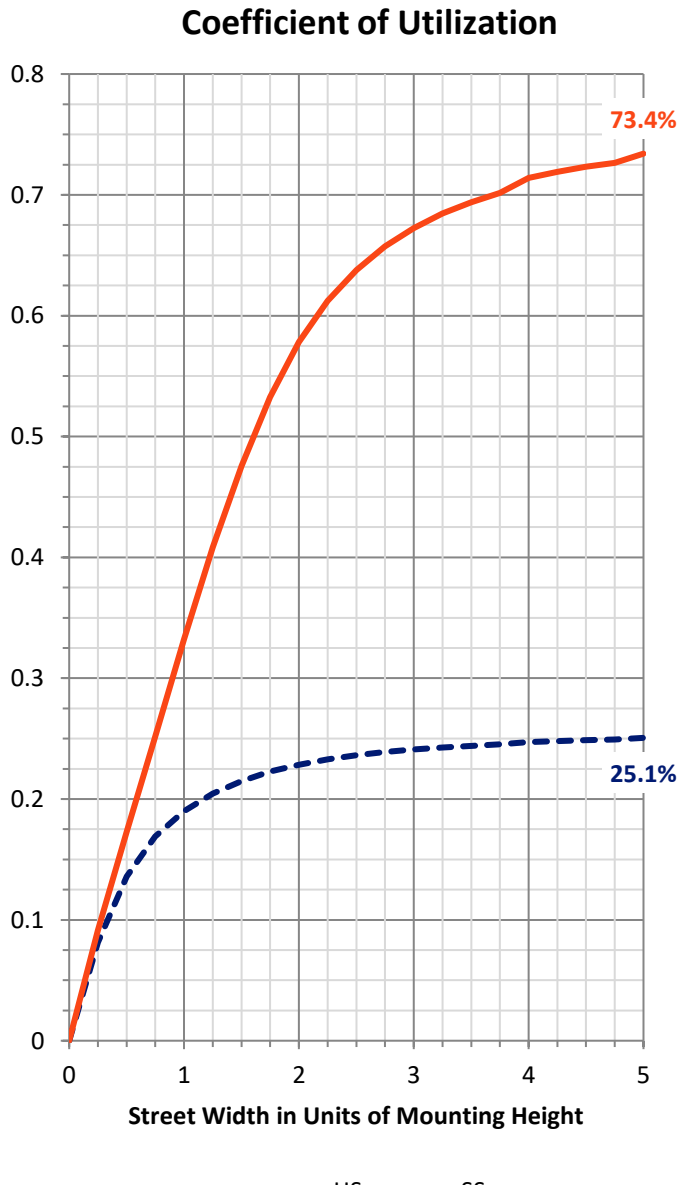
REPORT NUMBER: P1201135
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1141.9	0.0	1141.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3351.1	0.0	3351.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	4493.0	0.0	4493.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	1.4
10°-20°	192.4	4.3
20°-30°	297.2	6.6
30°-40°	376.6	8.4
40°-50°	568.0	12.6
50°-60°	917.7	20.4
60°-70°	1144.1	25.5
70°-80°	750.2	16.7
80°-90°	185.5	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4493.0	100.0
0°-180°	4493.0	100.0



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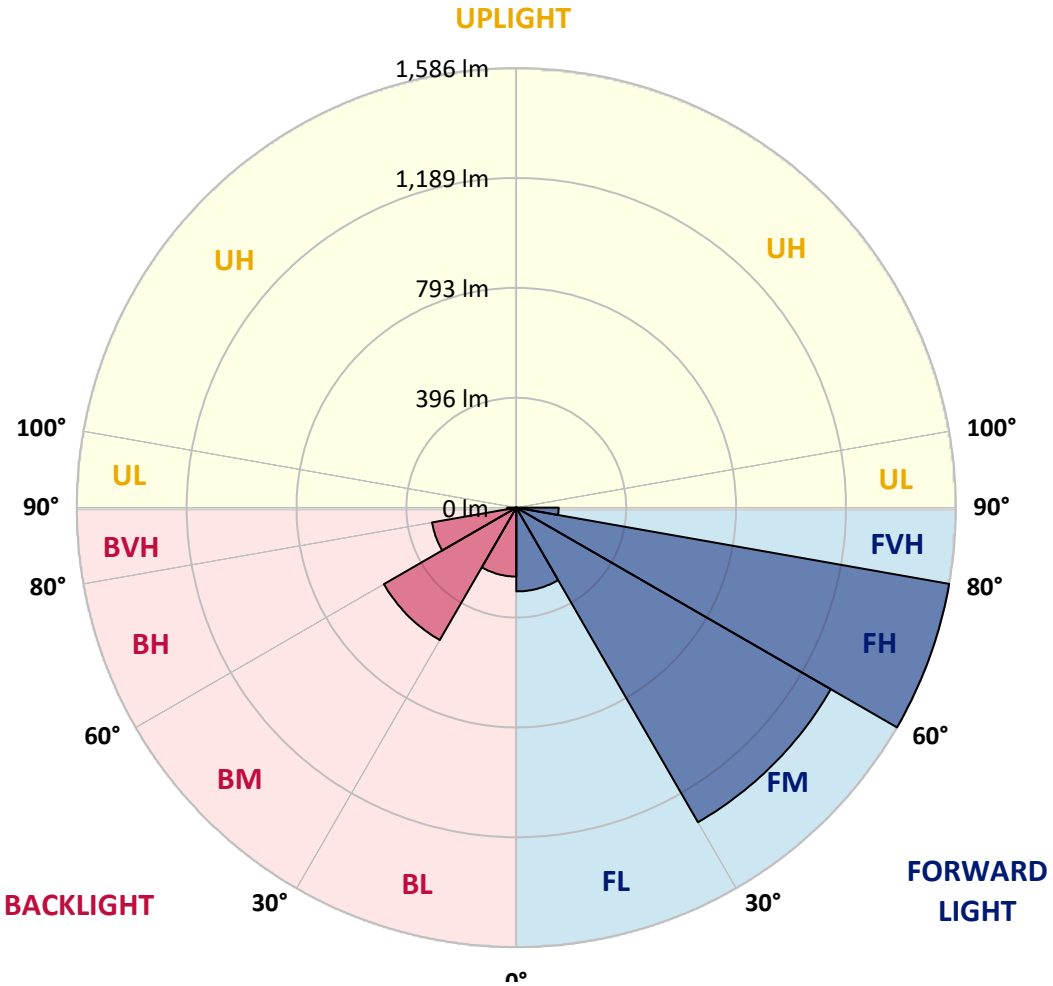
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	302.2	6.7			
FM	(30°-60°)	1310.5	29.2			
FH	(60°-80°)	1585.6	35.3			G1/1800
FVH	(80°-90°)	152.8	3.4			G2/225
BL	(0°-30°)	248.7	5.5	B1/500		
BM	(30°-60°)	551.8	12.3	B1/1000		
BH	(60°-80°)	308.7	6.9	B1/500		G1/500
BVH	(80°-90°)	32.7	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	*617.8*	617.8
2.5°	664.4	666.9	669.5	673.0	676.6	678.8	680.9	682.0	683.0	*682.5*	683.0
5°	714.4	723.2	732.1	740.8	749.5	754.3	759.0	761.9	764.8	*766.9*	764.8
7.5°	764.7	779.0	793.3	806.2	819.1	826.8	834.6	838.8	842.9	*844.9*	842.9
10°	803.2	820.1	837.1	852.2	867.3	876.4	885.5	889.6	893.7	*895.2*	893.7
12.5°	826.8	845.2	863.5	877.1	890.8	897.4	904.0	906.3	908.5	*908.7*	908.5
15°	841.2	857.0	872.8	881.4	889.9	890.2	890.4	888.0	885.7	*882.9*	885.7
17.5°	849.2	859.9	870.6	870.8	870.9	861.3	851.7	842.9	834.1	*827.9*	834.1
20°	858.1	861.8	865.6	854.3	843.1	821.9	800.7	785.2	769.8	*760.3*	769.8
22.5°	868.4	863.5	858.7	835.3	812.0	780.8	749.6	730.3	711.0	*700.6*	711.0
25°	881.7	866.3	850.9	815.5	780.0	742.2	704.3	684.0	663.8	*653.9*	663.8
27.5°	899.7	872.2	844.6	797.7	750.8	708.8	666.9	646.9	627.0	*617.6*	627.0
30°	924.0	882.9	841.9	784.1	726.4	682.6	638.9	620.4	601.9	*593.2*	601.9
32.5°	952.7	896.4	840.2	774.9	709.5	668.4	627.4	612.8	598.3	*592.0*	598.3
35°	987.5	918.7	849.9	781.8	713.7	685.2	656.7	653.3	649.9	*649.4*	649.9
37.5°	1046.2	965.2	884.3	822.4	760.5	758.7	756.8	772.3	787.8	*795.9*	787.8
40°	1134.9	1046.8	958.7	912.7	866.7	899.2	931.7	969.4	1007.1	*1025.8*	1007.1
42.5°	1252.5	1165.1	1077.7	1051.2	1024.7	1095.5	1166.4	1234.9	1303.5	*1343.8*	1303.5
45°	1397.7	1319.2	1240.7	1229.0	1217.3	1330.8	1444.3	1556.9	1669.6	*1738.0*	1669.6
47.5°	1579.3	1502.9	1426.5	1424.2	1421.8	1585.5	1749.2	1914.1	2079.1	*2175.9*	2079.1
50°	1817.3	1723.0	1628.7	1629.1	1629.5	1840.5	2051.5	2269.2	2486.9	*2618.5*	2486.9
52.5°	2090.6	1976.3	1862.1	1850.6	1839.0	2091.1	2343.1	2612.5	2881.8	*3039.6*	2881.8
55°	2381.5	2268.6	2155.8	2110.7	2065.7	2346.2	2626.7	2947.8	3269.0	*3456.6*	3269.0
57.5°	2646.0	2584.6	2523.1	2432.8	2342.5	2625.8	2909.0	3272.7	3636.4	*3869.1*	3636.4
60°	2805.9	2901.4	2996.9	2884.7	2772.6	3040.6	3308.7	3698.1	4087.5	*4339.0*	4087.5
62.5°	2724.7	2985.6	3246.4	3233.7	3221.1	3466.6	3712.2	4082.7	4453.2	*4685.6*	4453.2
65°	*2562.2*	*2807.0*	*3051.8*	*3100.2*	*3148.6*	*3460.7*	*3772.7*	*4132.0*	*4491.3*	*4689.2*	*4491.3*
67.5°	2344.5	2577.3	2810.1	2832.8	2855.5	3180.6	3505.7	3866.5	4227.3	*4382.4*	4227.3
70°	2082.9	2336.1	2589.3	2599.5	2609.6	2900.4	3191.1	3501.6	3812.1	*3898.3*	3812.1
72.5°	1771.1	2061.7	2352.3	2359.6	2366.9	2594.3	2821.8	3054.4	3286.9	*3295.6*	3286.9
75°	1376.7	1677.5	1978.2	2005.2	2032.2	2209.2	2386.2	2549.9	2713.6	*2669.7*	2713.6
77.5°	983.6	1264.4	1545.2	1583.8	1622.4	1757.0	1891.5	2007.6	2123.7	*2048.4*	2123.7
80°	643.8	880.0	1116.2	1164.2	1212.2	1313.8	1415.4	1476.4	1537.3	*1416.1*	1537.3
82.5°	374.2	535.7	697.2	750.9	804.5	874.5	944.4	969.8	995.3	*899.9*	995.3
85°	164.7	250.4	336.1	381.7	427.3	484.8	542.2	556.7	571.1	*494.8*	571.1
87.5°	51.0	79.8	108.6	134.0	159.5	188.2	217.0	218.2	219.4	*184.2*	219.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8
2.5°	682.0	680.9	678.8	676.6	673.0	669.5	666.9	664.4	659.3	654.2	648.8
5°	761.9	759.0	754.3	749.5	740.8	732.1	723.2	714.4	703.2	691.9	680.7
7.5°	838.8	834.6	826.8	819.1	806.2	793.3	779.0	764.7	746.1	727.5	710.4
10°	889.6	885.5	876.4	867.3	852.2	837.1	820.1	803.2	779.7	756.2	733.5
12.5°	906.3	904.0	897.4	890.8	877.1	863.5	845.2	826.8	801.0	775.2	749.5
15°	888.0	890.4	890.2	889.9	881.4	872.8	857.0	841.2	814.2	787.3	759.5
17.5°	842.9	851.7	861.3	870.9	870.8	870.6	859.9	849.2	821.9	794.6	764.2
20°	785.2	800.7	821.9	843.1	854.3	865.6	861.8	858.1	829.8	801.4	767.9
22.5°	730.3	749.6	780.8	812.0	835.3	858.7	863.5	868.4	839.4	810.5	773.0
25°	684.0	704.3	742.2	780.0	815.5	850.9	866.3	881.7	853.3	824.9	782.1
27.5°	646.9	666.9	708.8	750.8	797.7	844.6	872.2	899.7	872.6	845.5	796.3
30°	620.4	638.9	682.6	726.4	784.1	841.9	882.9	924.0	897.8	871.7	814.7
32.5°	612.8	627.4	668.4	709.5	774.9	840.2	896.4	952.7	926.8	900.9	833.9
35°	653.3	656.7	685.2	713.7	781.8	849.9	918.7	987.5	962.8	937.9	855.9
37.5°	772.3	756.8	758.7	760.5	822.4	884.3	965.2	1046.2	1014.6	983.0	880.4
40°	969.4	931.7	899.2	866.7	912.7	958.7	1046.8	1134.9	1088.8	1042.7	911.5
42.5°	1234.9	1166.4	1095.5	1024.7	1051.2	1077.7	1165.1	1252.5	1186.0	1119.4	952.3
45°	1556.9	1444.3	1330.8	1217.3	1229.0	1240.7	1319.2	1397.7	1308.0	1218.2	1005.9
47.5°	1914.1	1749.2	1585.5	1421.8	1424.2	1426.5	1502.9	1579.3	1453.0	1326.7	1063.1
50°	2269.2	2051.5	1840.5	1629.5	1629.1	1628.7	1723.0	1817.3	1626.9	1436.5	1116.1
52.5°	2612.5	2343.1	2091.1	1839.0	1850.6	1862.1	1976.3	2090.6	1809.6	1528.7	1150.5
55°	2947.8	2626.7	2346.2	2065.7	2110.7	2155.8	2268.6	2381.5	1971.6	1561.8	1142.9
57.5°	3272.7	2909.0	2625.8	2342.5	2432.8	2523.1	2584.6	2646.0	2086.4	1526.7	1089.5
60°	3698.1	3308.7	3040.6	2772.6	2884.7	2996.9	2901.4	2805.9	2115.1	1424.2	990.2
62.5°	4082.7	3712.2	3466.6	3221.1	3233.7	3246.4	2985.6	2724.7	1994.3	1263.8	855.8
65°	*4132.0*	*3772.7*	*3460.7*	*3148.6*	*3100.2*	*3051.8*	*2807.0*	*2562.2*	*1823.4*	*1084.5*	*718.7*
67.5°	3866.5	3505.7	3180.6	2855.5	2832.8	2810.1	2577.3	2344.5	1620.0	895.5	584.4
70°	3501.6	3191.1	2900.4	2609.6	2599.5	2589.3	2336.1	2082.9	1398.1	713.3	460.2
72.5°	3054.4	2821.8	2594.3	2366.9	2359.6	2352.3	2061.7	1771.1	1157.5	543.9	351.8
75°	2549.9	2386.2	2209.2	2032.2	2005.2	1978.2	1677.5	1376.7	881.7	386.6	255.3
77.5°	2007.6	1891.5	1757.0	1622.4	1583.8	1545.2	1264.4	983.6	617.1	250.5	173.0
80°	1476.4	1415.4	1313.8	1212.2	1164.2	1116.2	880.0	643.8	397.6	151.4	111.5
82.5°	969.8	944.4	874.5	804.5	750.9	697.2	535.7	374.2	230.1	86.0	68.6
85°	556.7	542.2	484.8	427.3	381.7	336.1	250.4	164.7	103.5	42.4	36.7
87.5°	218.2	217.0	188.2	159.5	134.0	108.6	79.8	51.0	33.9	16.8	15.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8
2.5°	643.4	637.9	632.5	627.3	622.0	617.0	611.4	606.8	602.3	598.2	594.1
5°	669.5	658.2	646.9	636.3	625.8	615.8	606.0	597.4	588.8	581.6	574.4
7.5°	693.2	676.5	659.8	645.1	630.3	616.8	604.0	592.6	581.2	571.7	562.2
10°	710.9	690.6	670.3	652.9	635.4	618.7	605.0	592.9	580.9	571.4	561.9
12.5°	723.8	699.9	675.9	656.2	636.5	618.9	606.2	596.3	586.5	580.2	573.9
15°	731.6	704.0	676.4	653.6	630.8	611.3	601.1	596.4	591.7	592.6	593.4
17.5°	733.8	701.8	669.8	642.4	614.9	592.0	585.7	587.4	589.1	599.5	609.8
20°	734.5	695.7	656.9	622.9	589.0	562.2	560.6	568.6	576.7	594.6	612.6
22.5°	735.5	688.3	641.1	600.2	559.2	528.8	532.1	544.0	555.9	576.4	596.9
25°	739.2	680.9	622.7	574.7	526.8	495.6	504.4	518.1	531.9	550.3	568.8
27.5°	747.0	676.0	605.0	551.5	497.9	469.5	480.2	493.5	506.8	521.9	537.0
30°	757.7	673.7	589.7	532.0	474.4	450.6	458.9	469.5	480.0	492.6	505.2
32.5°	767.0	670.9	574.7	515.3	455.8	436.6	440.3	446.5	452.8	462.8	472.9
35°	773.8	665.5	557.3	498.8	440.3	424.3	422.7	424.4	426.1	433.8	441.4
37.5°	777.8	656.4	534.9	479.4	423.9	409.9	404.3	402.4	400.5	406.0	411.4
40°	780.3	643.7	507.1	456.3	405.4	392.7	384.1	379.8	375.5	379.4	383.4
42.5°	785.2	630.7	476.2	430.7	385.2	373.5	362.6	356.9	351.2	354.5	357.7
45°	793.6	618.6	443.5	403.6	363.7	351.8	341.3	335.7	330.2	332.9	335.7
47.5°	799.4	608.6	417.7	382.1	346.6	331.3	322.2	317.6	312.9	315.5	318.0
50°	795.6	597.7	399.7	367.9	336.1	316.0	305.5	301.4	297.2	301.2	305.2
52.5°	772.3	579.2	386.2	358.5	330.8	307.7	293.0	288.9	284.8	290.8	296.8
55°	724.0	548.7	373.4	351.7	330.1	308.6	286.3	279.9	273.5	282.0	290.5
57.5°	652.3	505.6	358.9	343.6	328.4	309.4	282.4	273.0	263.6	272.7	281.9
60°	556.1	449.7	343.3	331.3	319.3	306.8	278.6	266.5	254.3	262.3	270.3
62.5°	447.8	382.8	317.9	309.9	301.9	300.4	274.3	259.0	243.8	248.9	254.0
65°	*353.0*	*322.6*	*292.3*	*288.5*	*284.8*	*285.0*	*265.1*	*248.9*	*232.7*	*234.7*	*236.6*
67.5°	273.4	264.8	256.2	258.3	260.4	259.8	248.6	235.2	221.7	221.1	220.5
70°	207.1	209.6	212.0	221.8	231.5	231.5	227.8	218.3	208.7	206.5	204.4
72.5°	159.7	167.2	174.6	188.5	202.3	204.6	204.6	198.1	191.5	188.4	185.3
75°	124.0	130.8	137.5	153.0	168.5	179.2	178.3	173.3	168.2	165.2	162.2
77.5°	95.5	100.1	104.7	119.7	134.8	152.4	152.0	147.9	143.9	140.8	137.8
80°	71.6	73.5	75.4	88.1	100.9	122.0	121.9	118.5	115.1	112.6	110.0
82.5°	51.2	51.5	51.9	61.3	70.6	88.7	89.7	88.0	86.3	84.5	82.7
85°	30.9	30.8	30.6	37.5	44.3	57.7	59.0	57.3	55.5	53.5	51.4
87.5°	13.6	13.4	13.2	16.0	18.8	24.4	26.1	25.4	24.7	24.3	23.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1201135
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8
2.5°	590.5	587.0	583.4	579.8	577.0	574.2	572.0	569.7	567.9	566.2	564.6
5°	568.0	561.7	555.9	550.1	545.7	541.2	538.1	535.0	532.8	530.6	528.9
7.5°	554.2	546.2	539.2	532.1	526.8	521.6	517.9	514.2	511.6	509.1	507.6
10°	553.3	544.7	536.7	528.8	522.5	516.2	512.0	507.9	505.5	503.1	501.8
12.5°	567.1	560.4	552.2	544.0	535.9	527.9	522.5	517.2	514.5	511.9	510.8
15°	591.7	589.9	582.8	575.6	564.2	552.7	544.6	536.5	532.7	529.0	527.6
17.5°	615.3	620.8	615.0	609.3	594.1	578.9	566.9	555.0	549.5	544.0	542.2
20°	624.1	635.6	633.0	630.3	612.9	595.5	580.9	566.3	559.2	552.2	549.9
22.5°	611.9	626.8	628.4	630.0	613.4	596.8	581.8	566.7	559.2	551.8	549.3
25°	583.5	598.2	603.7	609.2	595.6	582.0	568.6	555.2	548.7	542.3	540.0
27.5°	548.8	560.6	566.8	572.9	563.2	553.5	543.1	532.7	528.4	524.1	523.0
30°	515.0	524.8	529.8	534.7	527.4	520.0	512.5	505.0	502.8	500.6	500.6
32.5°	482.2	491.7	497.2	502.7	495.9	489.1	483.2	477.2	475.8	474.3	474.5
35°	450.7	460.1	466.7	473.3	468.5	463.7	458.2	452.7	450.5	448.3	447.8
37.5°	420.7	430.0	438.2	446.4	444.2	442.0	436.9	431.8	427.8	423.8	421.7
40°	392.4	401.3	410.8	420.2	420.8	421.3	417.0	412.7	406.9	401.1	397.2
42.5°	366.2	374.7	384.9	395.1	397.8	400.5	396.9	393.3	386.1	378.9	373.1
45°	343.7	351.8	362.4	372.9	376.8	380.7	377.5	374.2	366.0	357.7	351.0
47.5°	325.9	333.8	344.2	354.7	359.2	363.7	361.4	359.1	351.8	344.4	338.2
50°	312.7	320.1	329.4	338.8	344.6	350.4	350.2	350.1	344.2	338.4	332.6
52.5°	303.6	310.5	319.2	327.9	334.7	341.6	342.8	344.0	339.3	334.5	329.3
55°	297.8	305.2	312.8	320.4	327.7	334.9	336.7	338.4	334.2	330.0	325.5
57.5°	290.5	299.1	306.7	314.2	321.6	328.9	330.6	332.3	328.1	323.9	319.4
60°	280.2	290.1	297.8	305.5	312.8	320.2	322.1	324.0	319.8	315.7	311.1
62.5°	265.6	277.1	285.3	293.5	300.2	307.0	308.8	310.6	306.9	303.2	298.3
65°	*249.0*	*261.4*	*269.2*	*277.0*	*283.0*	*288.9*	*290.8*	*292.6*	*289.0*	*285.4*	*280.7*
67.5°	231.9	243.4	250.8	258.2	263.3	268.4	270.2	272.0	268.8	265.5	261.1
70°	214.5	224.5	230.9	237.3	241.9	246.6	248.3	250.1	247.4	244.7	240.5
72.5°	193.2	201.1	206.9	212.7	217.2	221.7	223.8	225.9	223.7	221.4	217.4
75°	168.1	174.0	179.2	184.4	188.6	192.7	194.9	197.1	196.0	194.9	191.5
77.5°	142.6	147.3	151.8	156.4	160.7	165.0	167.0	169.1	167.6	166.0	162.6
80°	114.0	117.9	121.7	125.5	128.8	132.1	134.8	137.5	136.8	136.2	131.7
82.5°	82.4	82.1	80.7	79.4	86.4	93.5	98.1	102.7	102.4	102.1	98.2
85°	49.7	48.0	44.3	40.7	47.2	53.8	59.5	65.2	64.7	64.2	61.3
87.5°	23.8	23.8	21.0	18.1	20.9	23.7	26.0	28.3	27.7	27.1	25.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8
2.5°	562.9	560.9	562.9	564.6	566.2	567.9	569.7	572.0	574.2	577.0	579.8
5°	527.3	525.6	527.3	528.9	530.6	532.8	535.0	538.1	541.2	545.7	550.1
7.5°	506.1	505.0	506.1	507.6	509.1	511.6	514.2	517.9	521.6	526.8	532.1
10°	500.5	500.0	500.5	501.8	503.1	505.5	507.9	512.0	516.2	522.5	528.8
12.5°	509.7	509.5	509.7	510.8	511.9	514.5	517.2	522.5	527.9	535.9	544.0
15°	526.2	526.1	526.2	527.6	529.0	532.7	536.5	544.6	552.7	564.2	575.6
17.5°	540.3	540.1	540.3	542.2	544.0	549.5	555.0	566.9	578.9	594.1	609.3
20°	547.7	546.9	547.7	549.9	552.2	559.2	566.3	580.9	595.5	612.9	630.3
22.5°	546.8	545.8	546.8	549.3	551.8	559.2	566.7	581.8	596.8	613.4	630.0
25°	537.6	536.3	537.6	540.0	542.3	548.7	555.2	568.6	582.0	595.6	609.2
27.5°	521.9	521.6	521.9	523.0	524.1	528.4	532.7	543.1	553.5	563.2	572.9
30°	500.6	500.9	500.6	500.6	500.6	502.8	505.0	512.5	520.0	527.4	534.7
32.5°	474.7	475.1	474.7	474.5	474.3	475.8	477.2	483.2	489.1	495.9	502.7
35°	447.4	447.1	447.4	447.8	448.3	450.5	452.7	458.2	463.7	468.5	473.3
37.5°	419.6	418.4	419.6	421.7	423.8	427.8	431.8	436.9	442.0	444.2	446.4
40°	393.3	390.9	393.3	397.2	401.1	406.9	412.7	417.0	421.3	420.8	420.2
42.5°	367.4	363.7	367.4	373.1	378.9	386.1	393.3	396.9	400.5	397.8	395.1
45°	344.3	340.0	344.3	351.0	357.7	366.0	374.2	377.5	380.7	376.8	372.9
47.5°	332.0	327.9	332.0	338.2	344.4	351.8	359.1	361.4	363.7	359.2	354.7
50°	326.9	322.9	326.9	332.6	338.4	344.2	350.1	350.2	350.4	344.6	338.8
52.5°	324.2	320.5	324.2	329.3	334.5	339.3	344.0	342.8	341.6	334.7	327.9
55°	321.0	317.7	321.0	325.5	330.0	334.2	338.4	336.7	334.9	327.7	320.4
57.5°	315.0	311.5	315.0	319.4	323.9	328.1	332.3	330.6	328.9	321.6	314.2
60°	306.5	303.0	306.5	311.1	315.7	319.8	324.0	322.1	320.2	312.8	305.5
62.5°	293.5	289.2	293.5	298.3	303.2	306.9	310.6	308.8	307.0	300.2	293.5
65°	*276.1*	*272.4*	*276.1*	*280.7*	*285.4*	*289.0*	*292.6*	*290.8*	*288.9*	*283.0*	*277.0*
67.5°	256.8	253.4	256.8	261.1	265.5	268.8	272.0	270.2	268.4	263.3	258.2
70°	236.4	232.6	236.4	240.5	244.7	247.4	250.1	248.3	246.6	241.9	237.3
72.5°	213.5	209.8	213.5	217.4	221.4	223.7	225.9	223.8	221.7	217.2	212.7
75°	188.2	184.7	188.2	191.5	194.9	196.0	197.1	194.9	192.7	188.6	184.4
77.5°	159.3	156.5	159.3	162.6	166.0	167.6	169.1	167.0	165.0	160.7	156.4
80°	127.1	121.9	127.1	131.7	136.2	136.8	137.5	134.8	132.1	128.8	125.5
82.5°	94.4	91.0	94.4	98.2	102.1	102.4	102.7	98.1	93.5	86.4	79.4
85°	58.3	55.2	58.3	61.3	64.2	64.7	65.2	59.5	53.8	47.2	40.7
87.5°	24.0	22.5	24.0	25.6	27.1	27.7	28.3	26.0	23.7	20.9	18.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8	617.8
2.5°	583.4	587.0	590.5	594.1	598.2	602.3	606.8	611.4	617.0	622.0	627.3
5°	555.9	561.7	568.0	574.4	581.6	588.8	597.4	606.0	615.8	625.8	636.3
7.5°	539.2	546.2	554.2	562.2	571.7	581.2	592.6	604.0	616.8	630.3	645.1
10°	536.7	544.7	553.3	561.9	571.4	580.9	592.9	605.0	618.7	635.4	652.9
12.5°	552.2	560.4	567.1	573.9	580.2	586.5	596.3	606.2	618.9	636.5	656.2
15°	582.8	589.9	591.7	593.4	592.6	591.7	596.4	601.1	611.3	630.8	653.6
17.5°	615.0	620.8	615.3	609.8	599.5	589.1	587.4	585.7	592.0	614.9	642.4
20°	633.0	635.6	624.1	612.6	594.6	576.7	568.6	560.6	562.2	589.0	622.9
22.5°	628.4	626.8	611.9	596.9	576.4	555.9	544.0	532.1	528.8	559.2	600.2
25°	603.7	598.2	583.5	568.8	550.3	531.9	518.1	504.4	495.6	526.8	574.7
27.5°	566.8	560.6	548.8	537.0	521.9	506.8	493.5	480.2	469.5	497.9	551.5
30°	529.8	524.8	515.0	505.2	492.6	480.0	469.5	458.9	450.6	474.4	532.0
32.5°	497.2	491.7	482.2	472.9	462.8	452.8	446.5	440.3	436.6	455.8	515.3
35°	466.7	460.1	450.7	441.4	433.8	426.1	424.4	422.7	424.3	440.3	498.8
37.5°	438.2	430.0	420.7	411.4	406.0	400.5	402.4	404.3	409.9	423.9	479.4
40°	410.8	401.3	392.4	383.4	379.4	375.5	379.8	384.1	392.7	405.4	456.3
42.5°	384.9	374.7	366.2	357.7	354.5	351.2	356.9	362.6	373.5	385.2	430.7
45°	362.4	351.8	343.7	335.7	332.9	330.2	335.7	341.3	351.8	363.7	403.6
47.5°	344.2	333.8	325.9	318.0	315.5	312.9	317.6	322.2	331.3	346.6	382.1
50°	329.4	320.1	312.7	305.2	301.2	297.2	301.4	305.5	316.0	336.1	367.9
52.5°	319.2	310.5	303.6	296.8	290.8	284.8	288.9	293.0	307.7	330.8	358.5
55°	312.8	305.2	297.8	290.5	282.0	273.5	279.9	286.3	308.6	330.1	351.7
57.5°	306.7	299.1	290.5	281.9	272.7	263.6	273.0	282.4	309.4	328.4	343.6
60°	297.8	290.1	280.2	270.3	262.3	254.3	266.5	278.6	306.8	319.3	331.3
62.5°	285.3	277.1	265.6	254.0	248.9	243.8	259.0	274.3	300.4	301.9	309.9
65°	*269.2*	*261.4*	*249.0*	*236.6*	*234.7*	*232.7*	*248.9*	*265.1*	*285.0*	*284.8*	*288.5*
67.5°	250.8	243.4	231.9	220.5	221.1	221.7	235.2	248.6	259.8	260.4	258.3
70°	230.9	224.5	214.5	204.4	206.5	208.7	218.3	227.8	231.5	231.5	221.8
72.5°	206.9	201.1	193.2	185.3	188.4	191.5	198.1	204.6	204.6	202.3	188.5
75°	179.2	174.0	168.1	162.2	165.2	168.2	173.3	178.3	179.2	168.5	153.0
77.5°	151.8	147.3	142.6	137.8	140.8	143.9	147.9	152.0	152.4	134.8	119.7
80°	121.7	117.9	114.0	110.0	112.6	115.1	118.5	121.9	122.0	100.9	88.1
82.5°	80.7	82.1	82.4	82.7	84.5	86.3	88.0	89.7	88.7	70.6	61.3
85°	44.3	48.0	49.7	51.4	53.5	55.5	57.3	59.0	57.7	44.3	37.5
87.5°	21.0	23.8	23.8	23.9	24.3	24.7	25.4	26.1	24.4	18.8	16.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	617.8	617.8	617.8	617.8	617.8	617.8	617.8
2.5°	632.5	637.9	643.4	648.8	654.2	659.3	664.4
5°	646.9	658.2	669.5	680.7	691.9	703.2	714.4
7.5°	659.8	676.5	693.2	710.4	727.5	746.1	764.7
10°	670.3	690.6	710.9	733.5	756.2	779.7	803.2
12.5°	675.9	699.9	723.8	749.5	775.2	801.0	826.8
15°	676.4	704.0	731.6	759.5	787.3	814.2	841.2
17.5°	669.8	701.8	733.8	764.2	794.6	821.9	849.2
20°	656.9	695.7	734.5	767.9	801.4	829.8	858.1
22.5°	641.1	688.3	735.5	773.0	810.5	839.4	868.4
25°	622.7	680.9	739.2	782.1	824.9	853.3	881.7
27.5°	605.0	676.0	747.0	796.3	845.5	872.6	899.7
30°	589.7	673.7	757.7	814.7	871.7	897.8	924.0
32.5°	574.7	670.9	767.0	833.9	900.9	926.8	952.7
35°	557.3	665.5	773.8	855.9	937.9	962.8	987.5
37.5°	534.9	656.4	777.8	880.4	983.0	1014.6	1046.2
40°	507.1	643.7	780.3	911.5	1042.7	1088.8	1134.9
42.5°	476.2	630.7	785.2	952.3	1119.4	1186.0	1252.5
45°	443.5	618.6	793.6	1005.9	1218.2	1308.0	1397.7
47.5°	417.7	608.6	799.4	1063.1	1326.7	1453.0	1579.3
50°	399.7	597.7	795.6	1116.1	1436.5	1626.9	1817.3
52.5°	386.2	579.2	772.3	1150.5	1528.7	1809.6	2090.6
55°	373.4	548.7	724.0	1142.9	1561.8	1971.6	2381.5
57.5°	358.9	505.6	652.3	1089.5	1526.7	2086.4	2646.0
60°	343.3	449.7	556.1	990.2	1424.2	2115.1	2805.9
62.5°	317.9	382.8	447.8	855.8	1263.8	1994.3	2724.7
65°	*292.3*	*322.6*	*353.0*	*718.7*	*1084.5*	*1823.4*	*2562.2*
67.5°	256.2	264.8	273.4	584.4	895.5	1620.0	2344.5
70°	212.0	209.6	207.1	460.2	713.3	1398.1	2082.9
72.5°	174.6	167.2	159.7	351.8	543.9	1157.5	1771.1
75°	137.5	130.8	124.0	255.3	386.6	881.7	1376.7
77.5°	104.7	100.1	95.5	173.0	250.5	617.1	983.6
80°	75.4	73.5	71.6	111.5	151.4	397.6	643.8
82.5°	51.9	51.5	51.2	68.6	86.0	230.1	374.2
85°	30.6	30.8	30.9	36.7	42.4	103.5	164.7
87.5°	13.2	13.4	13.6	15.2	16.8	33.9	51.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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SS

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(END OF REPORT)