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

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: P1202262

Luminaire Tested: GWC-SB1D-735-U-T3-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202262
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-T3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8023 lumens
Efficiency:	N/A
Efficacy:	100.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

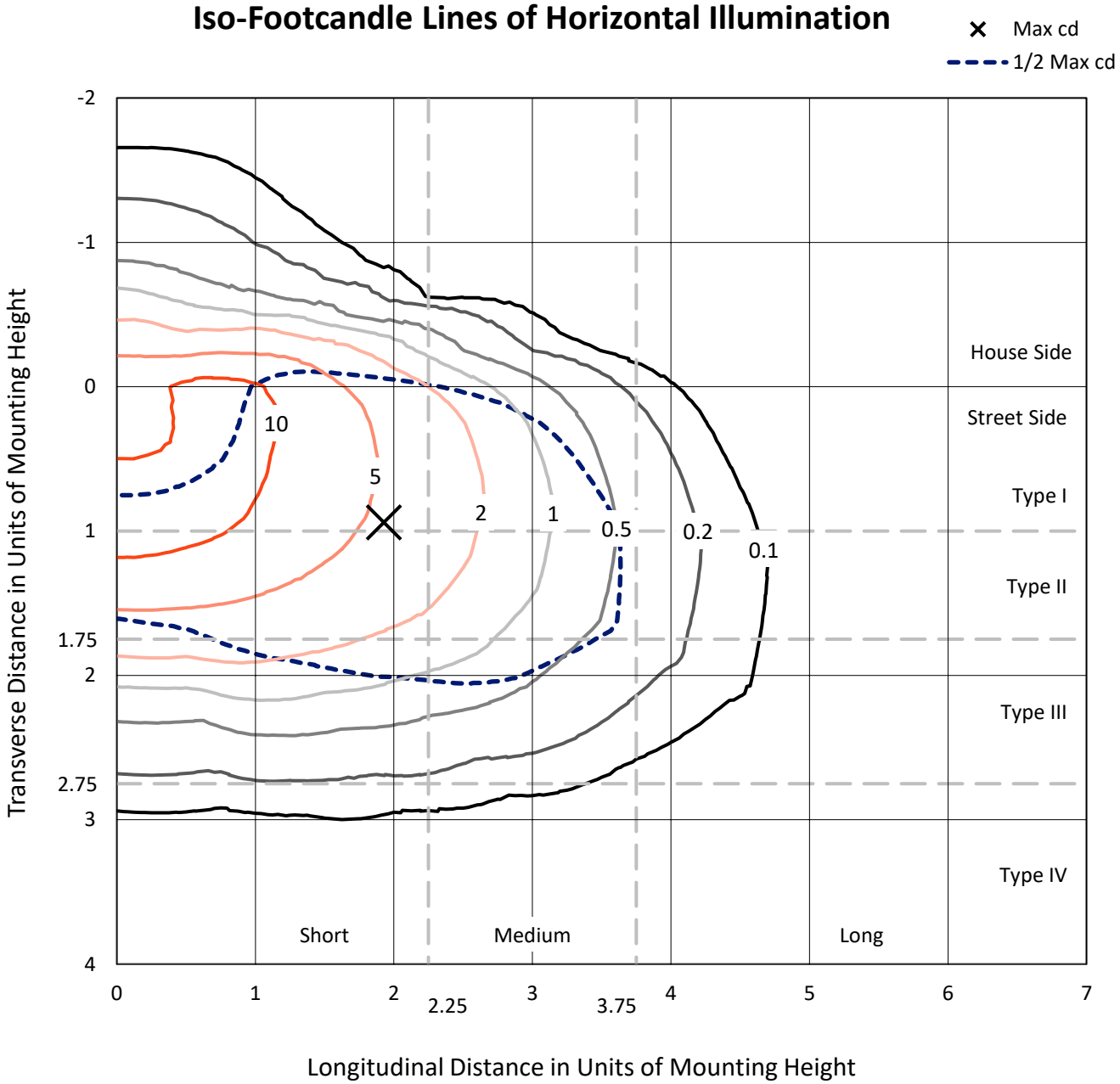


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Iso-Footcandle Lines of Horizontal Illumination



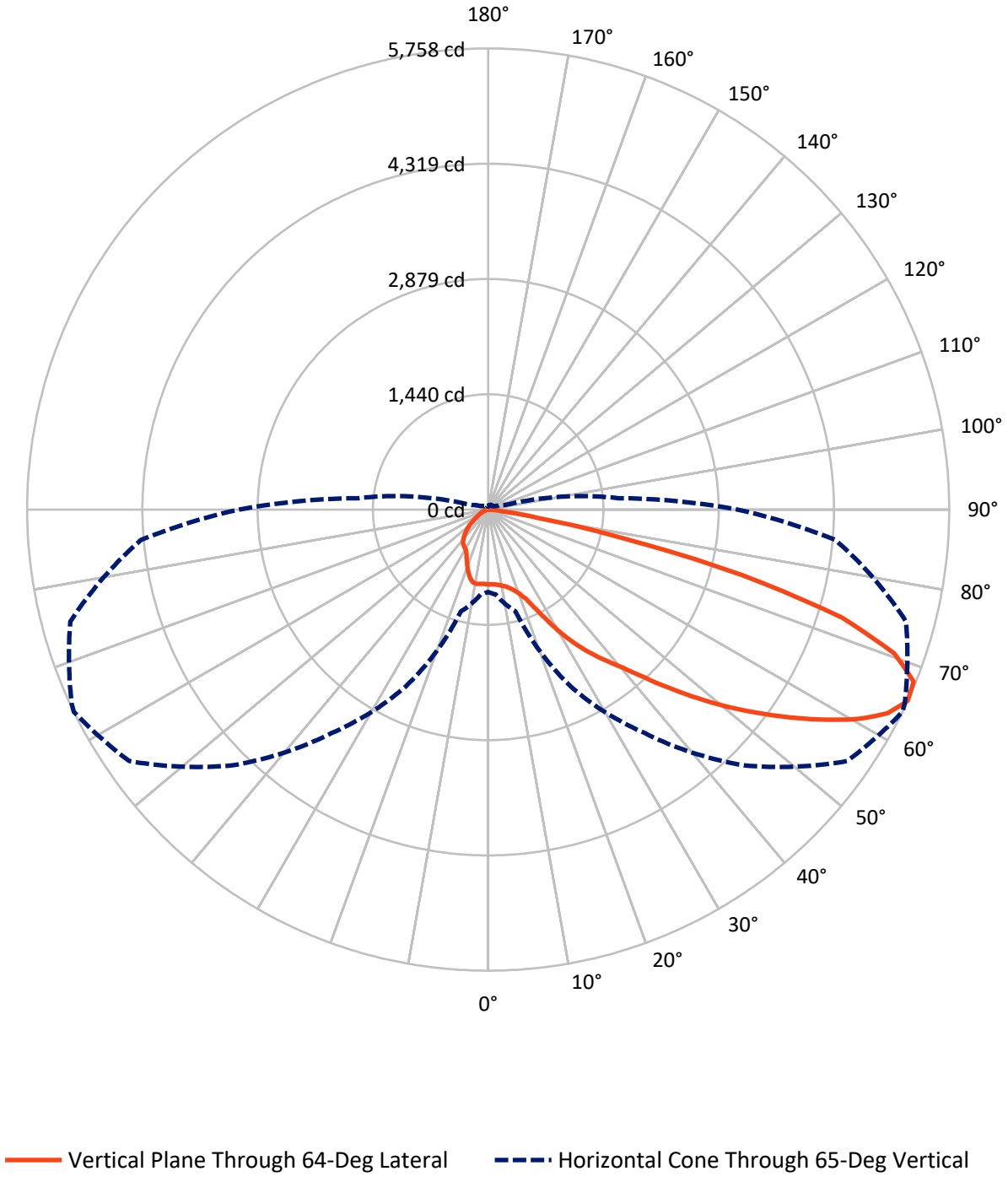
Based on 10 foot mounting height. Maximum calculated value = 14.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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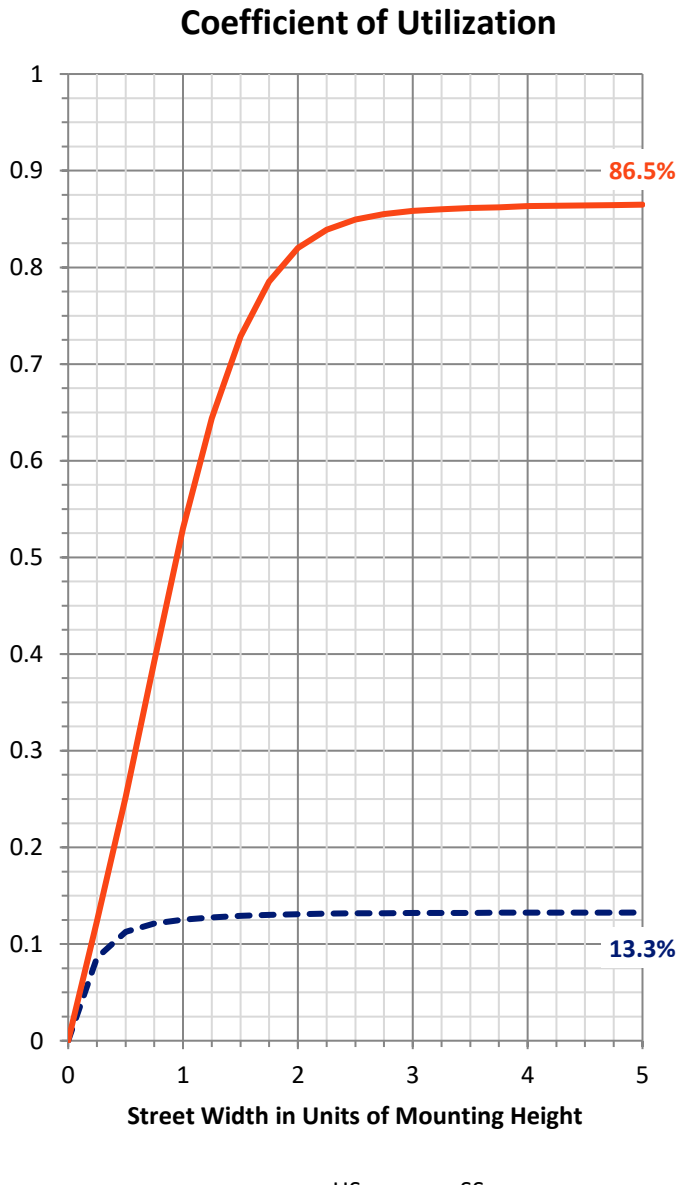
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1072.9	0.0	1072.9
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	6950.1	0.0	6950.1
	% Fixture	86.6	0.0	86.6
Total	Lumens	8023.0	0.0	8023.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.1	1.1
10°-20°	233.5	2.9
20°-30°	442.5	5.5
30°-40°	895.4	11.2
40°-50°	1525.3	19.0
50°-60°	2074.3	25.9
60°-70°	1947.8	24.3
70°-80°	780.4	9.7
80°-90°	37.8	0.5
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°	8023.0	100.0
0°-180°	8023.0	100.0



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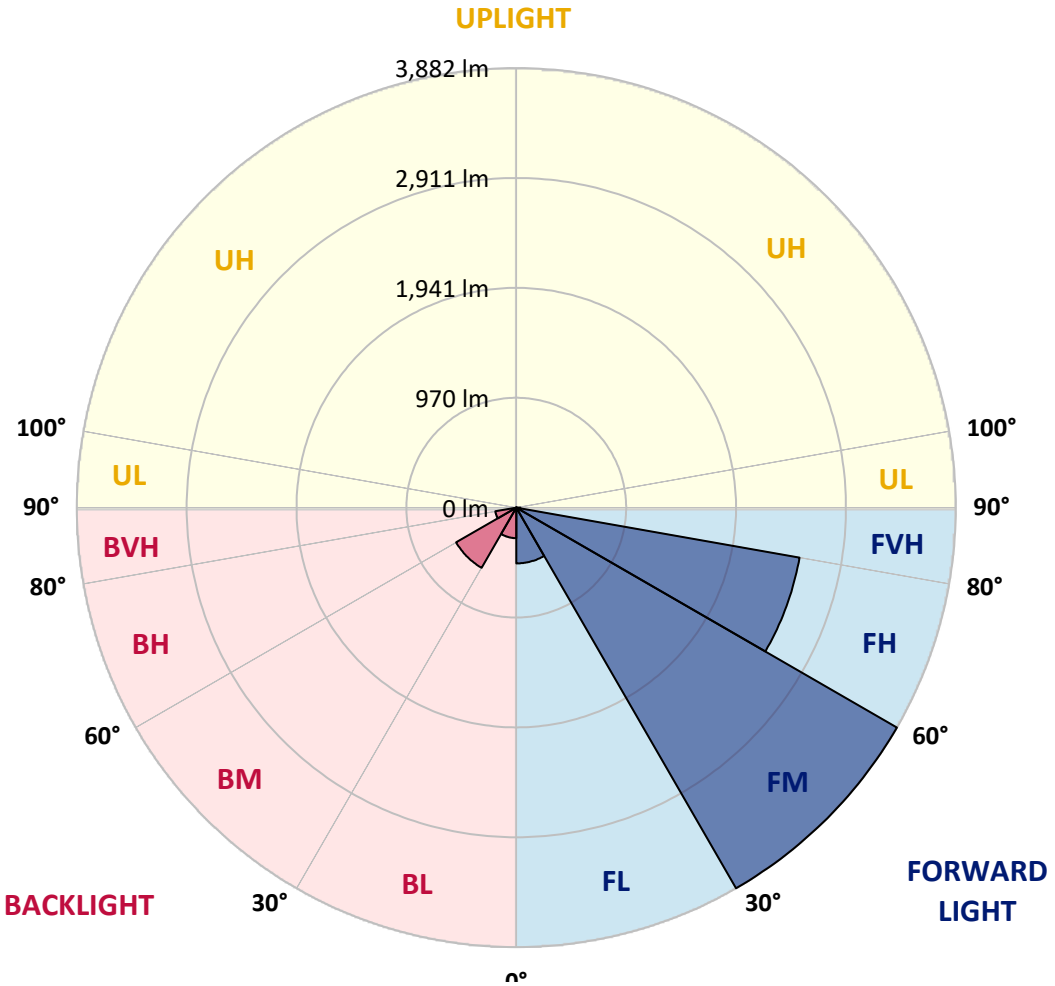
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	492.7	6.1			
FM	(30°-60°)	3881.5	48.4			
FH	(60°-80°)	2539.9	31.7			G2/5000
FVH	(80°-90°)	36.0	0.4			G1/100
BL	(0°-30°)	269.4	3.4	B1/500		
BM	(30°-60°)	613.4	7.6	B1/1000		
BH	(60°-80°)	188.3	2.3	B1/500		G1/500
BVH	(80°-90°)	1.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	933.2	933.2	933.2	933.2	933.2	933.2	933.2	*933.2*	933.2	933.2	933.2
2.5°	929.9	936.4	934.8	933.2	932.6	933.7	934.2	*933.7*	933.7	933.7	934.2
5°	912.2	917.6	917.6	921.3	926.7	933.2	938.0	*939.1*	940.2	941.8	941.2
7.5°	878.3	882.6	885.8	898.2	911.6	928.9	943.4	*950.9*	952.0	957.9	960.1
10°	855.2	860.5	865.9	878.8	898.2	924.0	948.8	*967.0*	969.7	983.7	990.2
12.5°	854.1	859.5	866.5	880.4	903.0	930.5	960.6	*986.9*	991.8	1012.2	1025.7
15°	865.4	871.8	878.3	895.5	919.7	953.1	985.3	*1018.1*	1023.0	1052.0	1066.5
17.5°	888.5	897.1	902.0	919.2	945.0	982.1	1024.6	*1062.2*	1066.5	1100.4	1118.7
20°	934.2	944.5	946.1	960.1	985.3	1025.1	1075.7	*1122.5*	1127.9	1166.6	1187.0
22.5°	1028.9	1043.4	1030.5	1037.5	1060.1	1099.9	1154.7	*1213.9*	1221.4	1265.5	1283.8
25°	1195.6	1216.1	1182.7	1170.9	1180.6	1222.0	1290.8	*1365.6*	1374.2	1409.7	1418.8
27.5°	1523.2	1496.8	1446.3	1396.8	1367.7	1391.4	1468.9	*1561.4*	1572.1	1606.5	1595.8
30°	1883.0	1859.9	1791.6	1681.8	1613.0	1609.2	1680.8	*1784.0*	1796.4	1829.2	1796.4
32.5°	2243.3	2221.3	2147.1	2012.1	1892.7	1833.5	1883.0	*1997.6*	2004.0	2025.0	1976.6
35°	2597.8	2575.2	2501.0	2362.7	2215.9	2081.5	2071.8	*2200.9*	2203.0	2225.1	2153.0
37.5°	2954.4	2935.5	2856.5	2720.9	2576.3	2390.7	2300.9	*2393.4*	2396.1	2417.6	2342.8
40°	3208.8	3216.8	3162.5	3057.6	2933.4	2730.6	2558.0	*2598.3*	2582.2	2618.2	2573.6
42.5°	3427.1	3443.3	3395.9	3343.2	3271.2	3092.6	2876.4	*2869.4*	2843.6	2862.9	2816.7
45°	3615.9	3629.4	3586.9	3574.5	3572.9	3447.6	3224.4	*3182.4*	3146.4	3142.6	3087.2
47.5°	3685.3	3711.1	3729.4	3770.8	3851.5	3798.8	3584.2	*3519.1*	3478.8	3449.2	3361.5
50°	3711.7	3739.1	3801.5	3922.0	4112.9	4135.5	3942.4	*3869.2*	3819.8	3766.0	3636.9
52.5°	3676.2	3725.1	3809.0	4011.8	4288.8	4405.5	4286.1	*4222.1*	4165.6	4077.9	3886.5
55°	3466.9	3515.9	3687.5	4010.7	4376.4	4594.8	4610.9	*4582.4*	4519.0	4380.7	4088.1
57.5°	3025.9	3098.5	3370.1	3874.1	4374.8	4757.8	4929.3	*4949.8*	4878.8	4680.9	4246.8
60°	2414.9	2513.3	2844.7	3571.3	4239.8	4846.0	5208.5	*5310.7*	5235.4	4976.7	4375.4
62.5°	1685.1	1799.1	2112.6	3096.9	3931.1	4782.5	5412.3	*5601.1*	5544.1	5241.3	4424.8
65°	*1027.8*	*1064.4*	*1317.2*	*2437.0*	*3406.2*	*4516.8*	*5475.2*	*5758.2*	*5739.3*	*5403.2*	*4351.7*
67.5°	684.7	715.3	787.9	1671.1	2644.0	3986.0	5324.6	*5730.7*	5736.1	5376.8	4083.8
70°	412.5	438.9	486.2	971.9	1713.6	3155.0	4858.3	*5381.1*	5412.3	5024.5	3576.1
72.5°	170.0	187.7	230.7	440.5	887.4	2002.4	3868.7	*4620.1*	4692.7	4224.8	2744.6
75°	96.3	105.4	135.5	221.1	385.1	933.2	2343.4	*3279.8*	3386.8	2911.9	1651.2
77.5°	64.0	68.3	87.7	143.1	216.8	318.4	1001.5	*1708.7*	1913.1	1590.4	714.8
80°	43.0	46.8	60.2	95.7	140.9	136.6	318.9	*633.0*	778.8	546.4	174.3
82.5°	29.0	29.6	43.0	62.9	89.3	66.2	94.1	*196.9*	247.4	158.1	66.2
85°	16.7	16.1	31.7	36.6	39.8	27.4	28.5	*59.2*	77.4	66.7	37.6
87.5°	2.2	3.2	12.4	9.7	5.4	5.9	5.9	*10.2*	15.1	16.1	8.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	933.2	933.2	933.2	933.2	933.2	933.2	933.2	933.2	933.2	933.2	933.2
2.5°	934.2	933.7	932.1	930.5	926.7	924.6	925.6	924.6	924.0	924.6	926.7
5°	941.2	939.6	935.3	929.9	922.4	913.3	907.3	898.7	890.7	885.8	886.9
7.5°	960.1	958.4	952.5	937.5	913.3	875.1	840.1	809.5	786.3	772.9	773.4
10°	990.2	987.5	978.3	945.0	881.5	798.2	728.8	671.2	633.6	615.8	614.2
12.5°	1025.7	1022.4	1006.3	938.0	821.3	691.1	595.4	531.4	496.4	480.8	479.2
15°	1067.6	1063.3	1031.6	904.7	733.6	572.8	485.1	437.3	414.7	400.7	401.2
17.5°	1119.8	1112.3	1050.4	854.6	638.4	482.4	417.4	381.3	361.4	348.0	346.9
20°	1187.6	1175.2	1065.5	794.9	550.8	425.4	371.6	341.5	326.5	314.6	312.5
22.5°	1282.2	1264.5	1083.8	730.4	488.9	386.2	337.8	315.7	303.3	289.9	287.7
25°	1399.5	1378.5	1106.3	670.7	446.4	352.3	313.0	294.7	280.2	264.6	263.0
27.5°	1563.5	1525.9	1133.2	621.7	409.8	323.2	290.4	270.0	253.3	240.4	237.7
30°	1746.4	1684.5	1156.9	592.2	376.5	296.4	260.9	240.4	224.8	215.7	214.1
32.5°	1919.6	1835.7	1172.5	579.3	346.4	265.7	228.6	206.5	194.7	192.0	193.6
35°	2083.1	1972.3	1170.9	566.9	319.5	235.0	196.9	174.3	165.1	166.7	166.7
37.5°	2271.3	2118.0	1159.6	547.5	297.4	207.1	169.4	149.5	141.5	142.0	144.1
40°	2490.2	2286.4	1152.6	511.0	273.2	181.3	146.8	130.7	124.8	122.6	122.1
42.5°	2723.6	2449.3	1153.7	469.5	243.1	158.1	131.2	117.8	112.4	110.8	110.3
45°	2958.1	2604.8	1155.3	426.5	211.4	140.4	119.9	108.6	105.4	103.3	103.3
47.5°	3178.7	2737.1	1125.2	380.3	180.2	126.9	110.8	103.3	100.6	97.9	97.9
50°	3384.1	2825.3	1052.6	326.5	155.4	116.2	103.8	98.4	95.7	93.0	93.0
52.5°	3543.8	2839.3	932.6	271.1	138.2	108.1	99.5	94.7	91.4	88.7	88.2
55°	3614.8	2751.6	762.1	219.4	124.8	101.1	95.2	90.4	86.6	83.9	83.4
57.5°	3596.6	2567.1	594.3	176.4	111.9	94.1	89.8	86.6	82.3	78.0	77.4
60°	3506.7	2320.3	448.0	146.8	100.0	86.6	83.9	81.2	75.3	68.8	67.8
62.5°	3351.3	2009.9	319.5	121.6	87.1	78.0	76.9	74.8	66.2	54.3	53.2
65°	*3113.6*	*1632.9*	*215.1*	*101.1*	*74.8*	*68.3*	*68.8*	*65.1*	*53.8*	*40.3*	*39.3*
67.5°	2766.1	1194.0	137.7	82.8	62.4	57.0	57.5	55.4	45.7	34.4	32.8
70°	2323.5	790.6	89.8	62.9	50.0	44.1	47.3	47.9	38.7	28.0	26.9
72.5°	1703.3	466.8	62.9	46.8	36.6	30.7	38.7	39.8	31.2	21.0	19.9
75°	970.8	221.6	47.3	33.9	22.6	21.5	30.1	30.1	21.5	14.0	12.9
77.5°	407.7	92.5	33.3	22.1	12.9	12.4	20.4	18.8	10.8	6.5	6.5
80°	117.8	41.4	17.7	10.8	5.4	4.8	8.1	5.9	2.7	1.1	1.1
82.5°	46.3	18.3	7.0	4.3	2.2	2.2	1.1	0.0	0.0	0.0	0.0
85°	27.4	7.5	3.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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SS

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(END OF REPORT)