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: P1201128

Luminaire Tested: GWC-SB1A-735-U-SL2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201128
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-11)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1A-735-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3655 lumens
Efficiency:	N/A
Efficacy:	118.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - U0 - G1

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

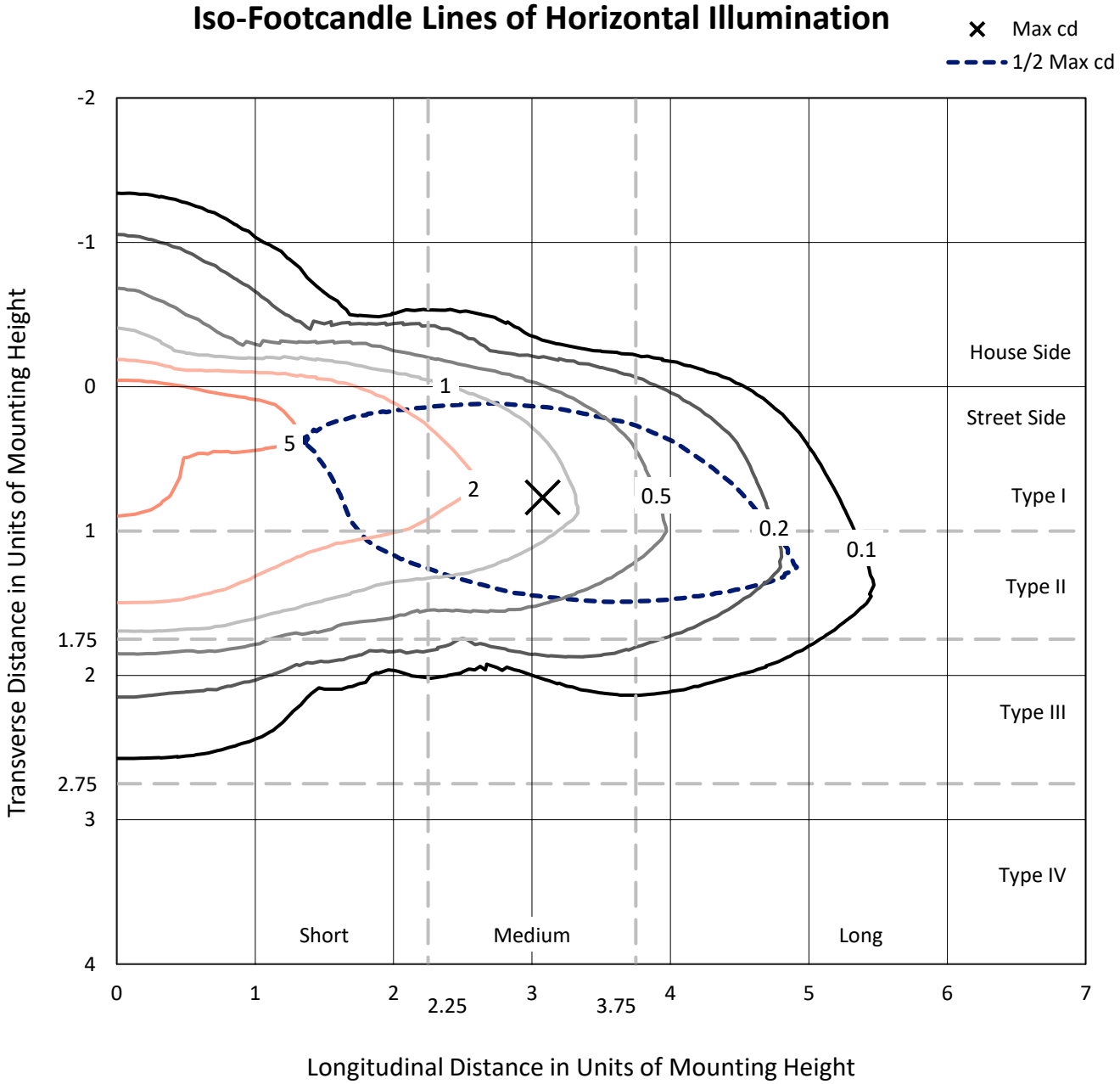


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Iso-Footcandle Lines of Horizontal Illumination



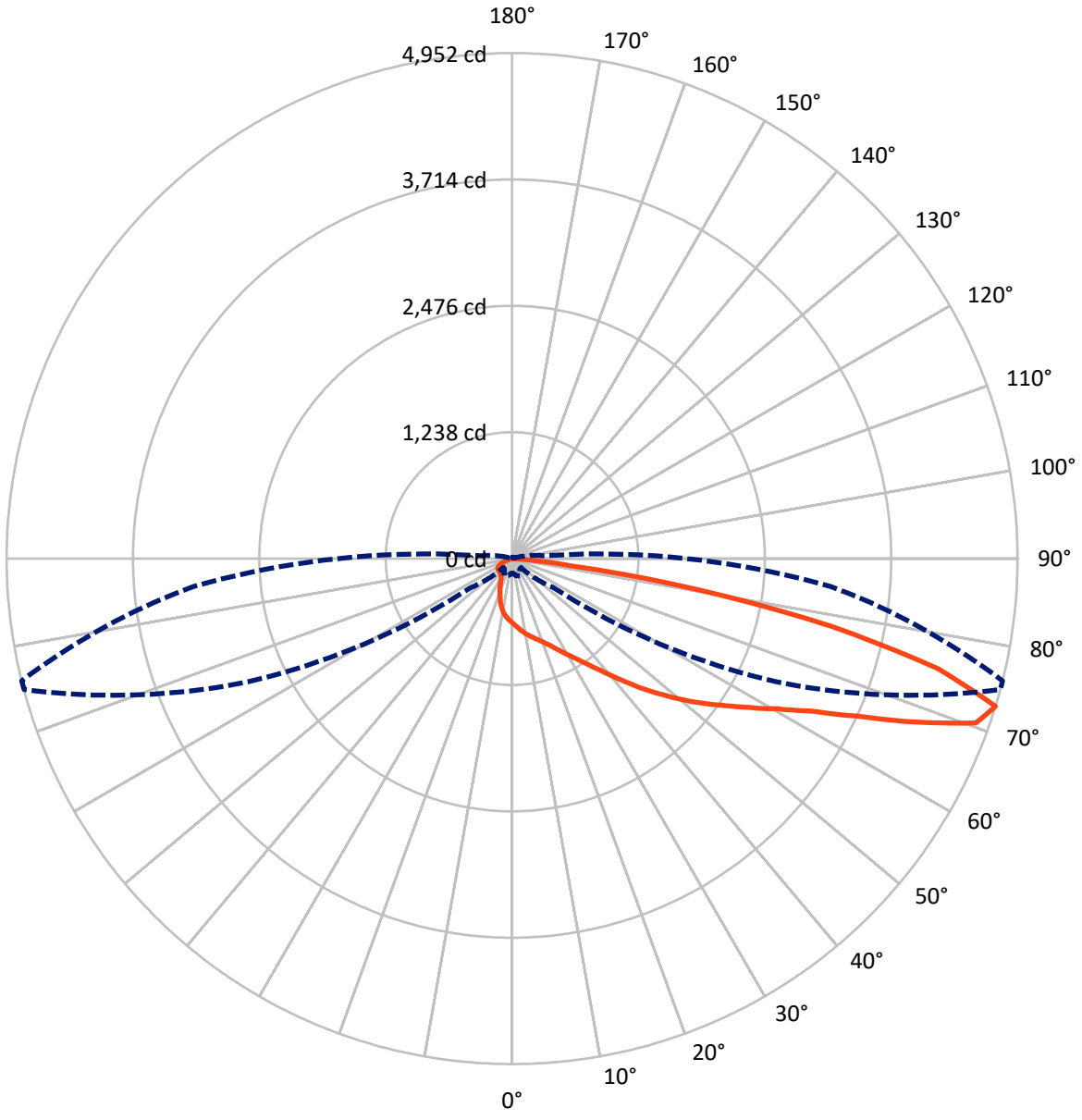
Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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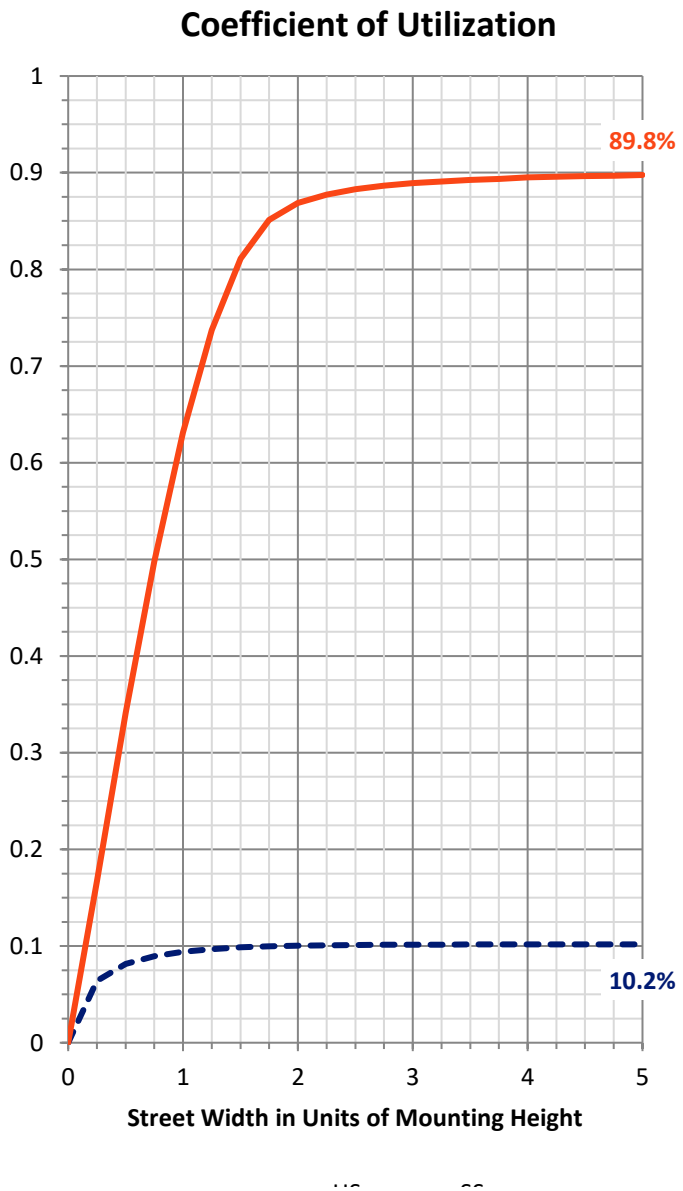
REPORT NUMBER: P1201128
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	374.1	0.0	374.1
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	3280.9	0.0	3280.9
	% Fixture	89.8	0.0	89.8
Total	Lumens	3655.0	0.0	3655.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	1.6
10°-20°	154.0	4.2
20°-30°	243.8	6.7
30°-40°	377.2	10.3
40°-50°	572.9	15.7
50°-60°	789.7	21.6
60°-70°	834.3	22.8
70°-80°	572.4	15.7
80°-90°	53.3	1.5
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°	3655.0	100.0
0°-180°	3655.0	100.0



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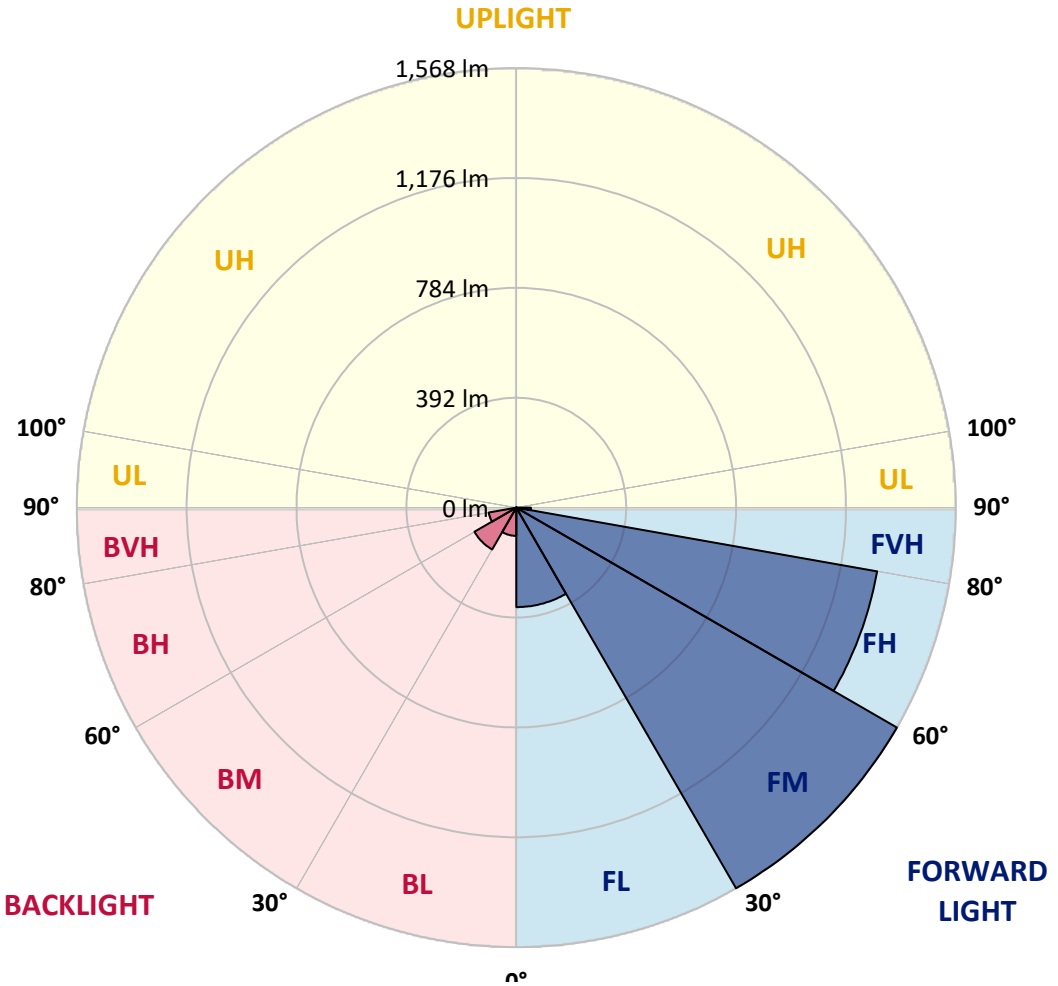
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	354.7	9.7			
FM	(30°-60°)	1567.6	42.9			
FH	(60°-80°)	1306.8	35.8			G1/1800
FVH	(80°-90°)	51.8	1.4			G1/100
BL	(0°-30°)	100.6	2.8	B0/110		
BM	(30°-60°)	172.2	4.7	B0/220		
BH	(60°-80°)	99.9	2.7	B0/110		G0/110
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	631.6	631.6	631.6	631.6	631.6	631.6	631.6	631.6	631.6	*631.6*	631.6
2.5°	734.3	724.6	726.5	716.7	712.2	701.3	689.9	675.0	658.4	*658.4*	642.3
5°	811.6	805.4	805.4	794.0	785.3	768.2	747.8	721.5	690.2	*687.1*	656.5
7.5°	859.0	855.2	857.6	850.9	843.8	826.0	801.8	767.5	723.1	*719.3*	673.3
10°	868.2	868.0	874.6	876.5	881.3	872.3	850.7	811.1	755.6	*750.2*	687.8
12.5°	832.4	827.9	844.3	863.5	890.5	902.6	891.5	850.9	785.3	*777.7*	701.3
15°	773.6	774.6	790.2	819.9	864.9	908.1	922.5	889.8	815.4	*806.4*	714.1
17.5°	740.0	736.4	749.9	776.5	826.3	887.2	937.0	926.1	847.4	*837.2*	727.2
20°	735.9	735.7	738.8	750.9	788.8	857.3	935.3	961.4	885.1	*873.2*	745.9
22.5°	763.9	763.4	760.8	758.5	768.9	828.2	928.2	995.1	930.1	*917.3*	772.4
25°	806.8	806.1	802.1	787.6	777.4	812.5	921.6	1026.4	983.5	*969.2*	804.7
27.5°	859.2	858.8	851.4	829.6	803.3	813.9	918.3	1058.6	1045.1	*1031.1*	841.9
30°	923.5	922.5	907.4	876.5	842.2	836.5	922.8	1094.9	1109.4	*1098.7*	884.8
32.5°	1004.1	1001.5	981.6	935.1	887.0	866.6	931.3	1132.1	1185.5	*1175.5*	942.2
35°	1066.4	1062.4	1050.8	1009.8	938.9	903.6	951.2	1176.2	1277.0	*1268.2*	1015.5
37.5°	1120.0	1116.0	1106.5	1072.8	1013.3	950.7	983.2	1235.0	1385.1	*1380.8*	1104.9
40°	1177.9	1171.2	1166.7	1130.7	1076.9	1018.8	1029.0	1303.8	1509.6	*1510.0*	1212.3
42.5°	1222.5	1219.8	1220.3	1192.6	1138.3	1099.4	1089.7	1381.3	1658.7	*1663.2*	1341.5
45°	1260.6	1258.5	1267.3	1247.8	1200.2	1152.3	1160.8	1469.0	1821.8	*1831.1*	1486.1
47.5°	1290.0	1292.4	1305.0	1292.4	1264.4	1189.5	1223.9	1563.6	1993.2	*1994.4*	1635.5
50°	1319.4	1320.4	1341.2	1335.1	1323.7	1236.7	1282.0	1669.4	2173.9	*2176.0*	1775.1
52.5°	1328.7	1327.2	1360.4	1375.6	1376.1	1295.0	1357.1	1784.6	2351.0	*2357.9*	1918.8
55°	1281.3	1285.3	1338.9	1400.5	1424.9	1375.6	1458.6	1930.4	2539.7	*2542.6*	2061.0
57.5°	1049.4	1071.7	1190.2	1333.2	1456.5	1491.1	1604.4	2100.9	2757.6	*2755.0*	2205.2
60°	636.8	663.4	805.2	1118.1	1353.6	1607.0	1819.2	2365.0	2995.7	*2988.3*	2351.0
62.5°	356.1	364.2	409.5	669.3	1029.5	1533.3	2029.0	2704.3	3315.3	*3290.4*	2494.5
65°	262.5	265.1	275.7	327.9	506.0	1179.3	1983.0	3109.9	3764.3	*3720.0*	2666.3
67.5°	228.1	230.7	241.1	248.2	225.9	619.5	1633.8	3335.0	4334.5	*4276.4*	2898.9
70°	192.0	193.5	210.3	215.0	161.7	235.7	1049.6	3265.5	4862.3	*4820.8*	3148.6
72.5°	*143.2*	*148.9*	*173.3*	*184.7*	*129.7*	*125.2*	*494.1*	*2855.1*	*4951.7*	*4952.2*	*3131.8*
75°	97.2	102.4	130.4	152.0	100.1	87.7	199.4	2131.9	4311.8	*4311.8*	2745.3
77.5°	66.4	70.7	90.8	119.3	75.9	60.2	103.4	1353.1	3093.4	*3202.2*	1956.7
80°	29.4	32.0	58.6	86.5	57.6	38.9	58.6	740.9	1870.7	*1847.7*	767.0
82.5°	14.5	16.6	37.5	54.1	37.2	23.9	30.8	352.3	606.2	*576.1*	119.7
85°	2.8	3.8	20.2	23.0	17.3	10.7	11.6	108.4	73.0	*83.5*	25.4
87.5°	0.0	0.0	6.2	4.3	1.9	2.4	2.4	9.7	5.7	*6.6*	6.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	631.6	631.6	631.6	631.6	631.6	631.6	631.6	631.6	631.6	631.6	631.6
2.5°	633.7	625.0	605.8	586.8	567.4	549.6	537.3	524.9	517.3	514.0	514.5
5°	638.7	620.9	580.6	538.4	496.7	455.9	425.3	396.7	387.6	372.7	373.7
7.5°	646.6	617.6	554.1	483.0	415.1	355.4	312.3	277.9	264.1	250.8	250.6
10°	651.8	611.5	519.0	423.9	332.2	265.1	223.8	198.9	189.9	181.9	181.6
12.5°	653.9	600.1	478.7	357.8	258.4	202.0	177.3	165.7	162.6	159.8	159.8
15°	655.8	588.9	433.6	294.0	204.1	169.0	159.3	155.5	153.4	151.5	151.5
17.5°	657.5	574.7	382.2	239.0	172.4	155.8	151.0	147.0	145.3	143.2	143.2
20°	663.1	561.0	336.2	197.3	155.1	146.3	141.1	136.8	135.4	134.0	134.2
22.5°	673.8	549.8	291.6	169.0	144.6	136.6	129.9	125.2	124.2	123.3	122.6
25°	686.6	536.1	249.7	150.8	134.4	125.4	118.1	114.0	113.1	113.3	112.9
27.5°	703.0	520.9	213.6	139.2	125.4	115.0	106.7	103.6	104.1	105.0	104.6
30°	721.0	506.9	185.4	131.1	117.4	105.7	97.4	95.3	97.0	98.4	97.9
32.5°	747.8	494.6	165.7	124.7	110.2	98.2	91.5	88.9	90.8	92.7	92.2
35°	784.3	488.4	154.6	119.3	104.1	92.2	85.6	83.7	85.6	86.1	85.8
37.5°	829.1	487.9	149.8	114.8	98.4	87.3	79.9	79.2	80.6	80.8	80.4
40°	887.0	491.0	146.3	111.4	92.5	81.6	74.7	74.0	74.4	76.1	75.9
42.5°	960.2	503.8	141.3	107.2	86.1	75.9	70.4	68.8	68.5	70.4	70.2
45°	1052.2	532.0	134.7	100.3	80.4	71.1	65.7	63.8	63.1	63.5	64.3
47.5°	1152.5	566.7	128.0	93.9	76.3	67.3	61.9	59.5	58.3	58.3	58.3
50°	1249.7	605.8	123.5	87.3	73.5	63.8	57.9	55.5	53.6	53.1	52.9
52.5°	1346.0	644.2	120.0	80.6	70.2	59.3	54.1	51.4	49.3	48.4	47.9
55°	1433.7	680.7	113.8	74.2	65.9	54.5	50.3	47.7	45.0	43.4	42.7
57.5°	1517.9	711.0	102.4	67.6	59.3	50.0	46.2	43.4	40.3	38.2	37.2
60°	1594.5	726.7	88.2	60.5	52.6	45.3	41.7	39.1	35.1	31.5	30.6
62.5°	1652.8	720.5	72.8	52.4	45.8	41.0	36.5	33.9	29.2	24.9	23.2
65°	1712.5	686.9	58.1	43.9	40.1	35.3	30.6	28.0	22.5	18.0	16.8
67.5°	1790.1	615.0	45.8	36.5	34.6	28.0	23.9	22.3	18.5	14.2	13.3
70°	1839.8	477.7	35.6	29.6	28.5	20.4	18.5	18.3	14.7	10.9	9.7
72.5°	*1703.3*	*313.2*	*27.3*	*22.5*	*20.4*	*13.3*	*14.2*	*14.2*	*10.7*	*7.3*	*6.4*
75°	1421.8	183.3	19.7	16.1	11.6	8.5	9.7	9.7	6.6	3.6	2.8
77.5°	1015.5	97.7	13.0	10.0	5.9	3.8	5.2	5.0	2.1	0.2	0.0
80°	388.4	33.7	6.2	4.0	1.7	0.7	0.5	0.2	0.2	0.0	0.0
82.5°	59.3	8.8	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	0.0	0.0	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


HS
SS

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(END OF REPORT)