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: P1201979

Luminaire Tested: GWC-SB1C-827-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201979
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1C-827-U-T4FT
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6471 lumens
Efficiency:	N/A
Efficacy:	119.0 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

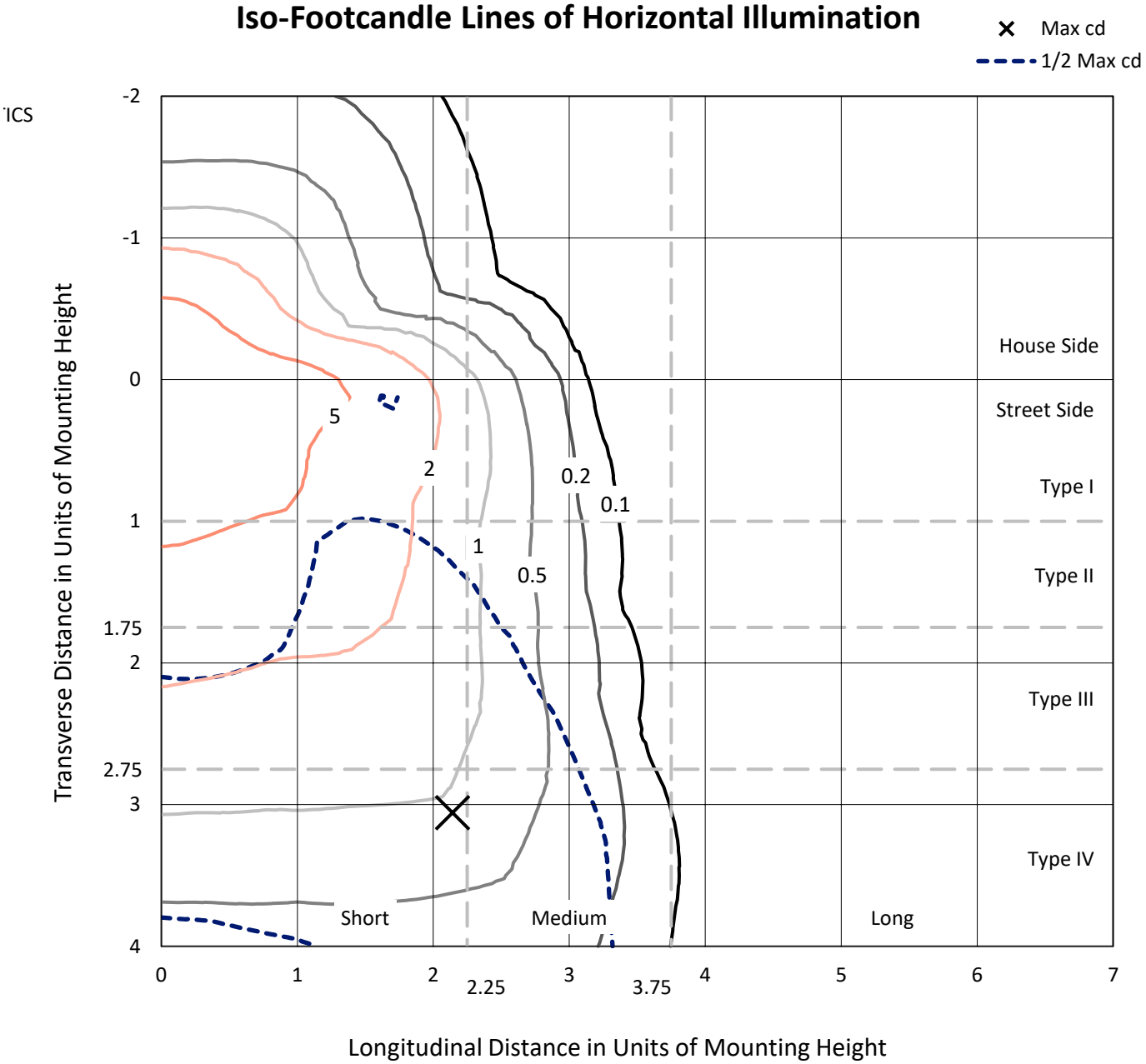


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Iso-Footcandle Lines of Horizontal Illumination



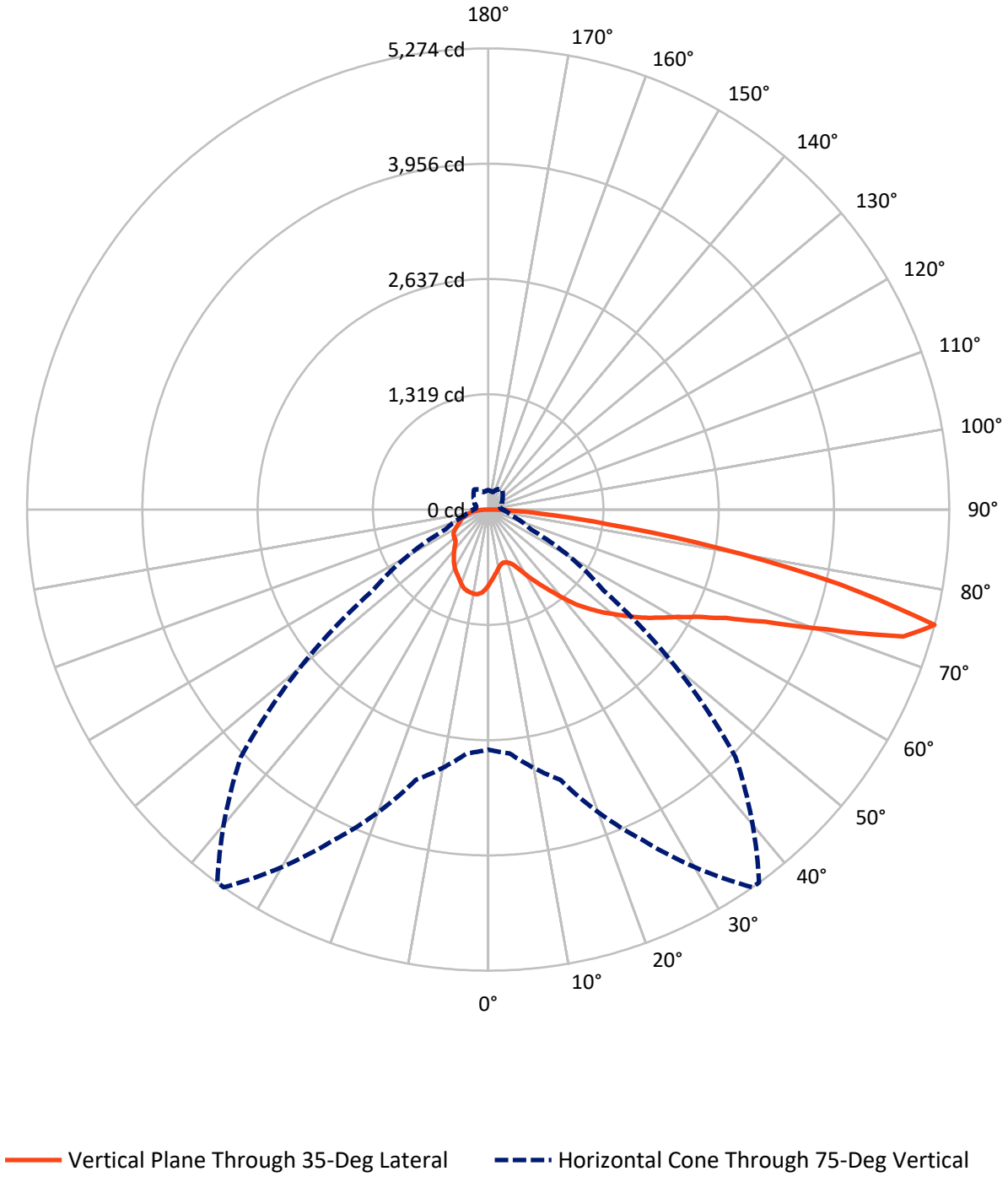
Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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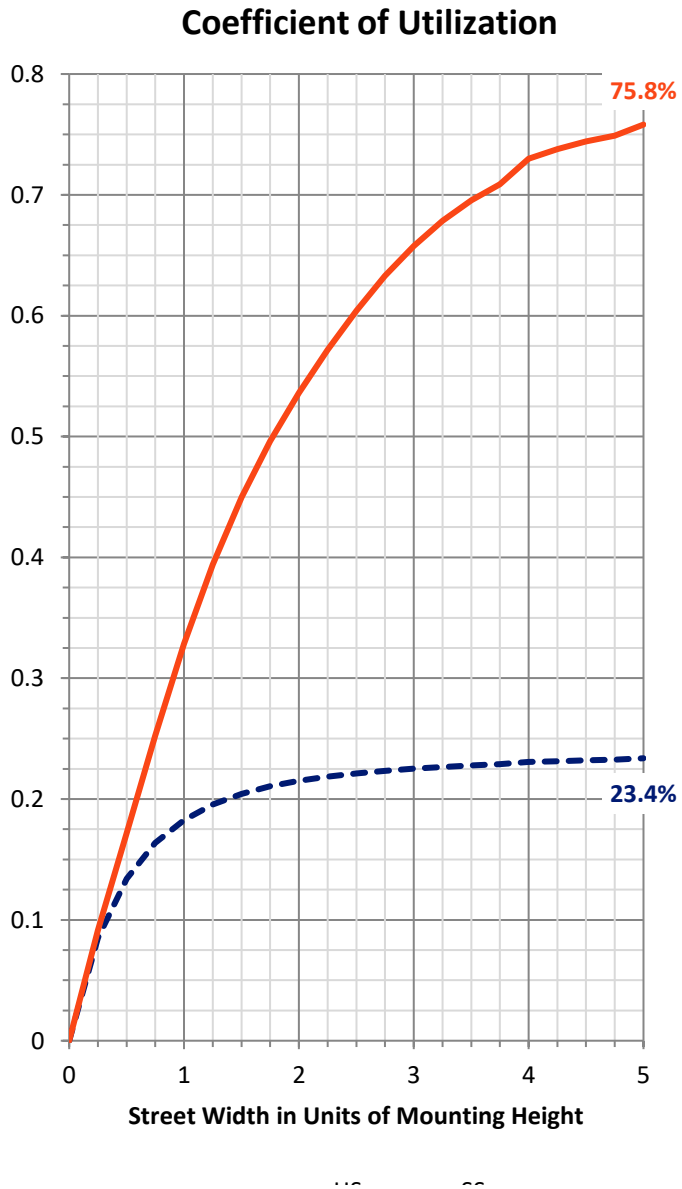
REPORT NUMBER: P1201979
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1539.9	0.0	1539.9
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	4931.1	0.0	4931.1
	% Fixture	76.2	0.0	76.2
Total	Lumens	6471.0	0.0	6471.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.6	1.3
10°-20°	235.5	3.6
20°-30°	395.5	6.1
30°-40°	614.6	9.5
40°-50°	912.2	14.1
50°-60°	1259.4	19.5
60°-70°	1527.9	23.6
70°-80°	1262.7	19.5
80°-90°	181.6	2.8
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°	6471.0	100.0
0°-180°	6471.0	100.0



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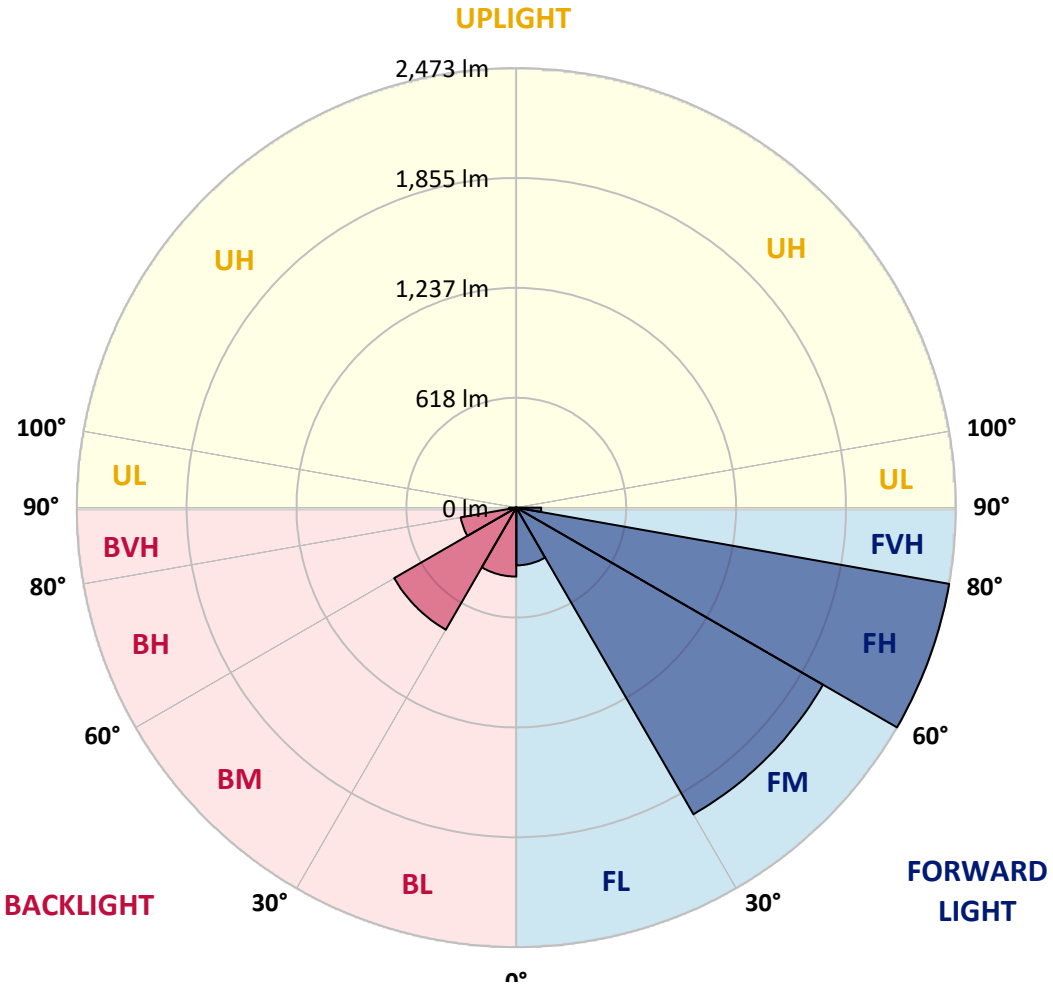
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	324.5	5.0			
FM	(30°-60°)	1992.7	30.8			
FH	(60°-80°)	2473.1	38.2			G2/5000
FVH	(80°-90°)	140.7	2.2			G2/225
BL	(0°-30°)	388.1	6.0	B1/500		
BM	(30°-60°)	793.5	12.3	B1/1000		
BH	(60°-80°)	317.5	4.9	B1/500		G1/500
BVH	(80°-90°)	40.9	0.6			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°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	862.3	862.3	862.3	862.3	*862.3*	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	795.1	800.0	802.1	801.1	*806.3*	805.6	813.0	822.1	834.7	846.9	864.8
5°	733.9	739.2	743.7	747.9	*758.1*	761.2	772.8	790.2	813.3	836.8	866.2
7.5°	676.9	681.4	688.4	696.1	*713.3*	716.4	735.7	763.0	795.1	829.4	870.0
10°	630.4	634.9	642.3	651.0	*672.4*	676.2	700.7	737.1	779.0	822.4	874.2
12.5°	610.4	611.8	616.0	624.8	*643.3*	645.8	672.7	714.3	763.3	817.2	880.5
15°	609.4	612.2	612.5	617.1	*632.5*	633.5	658.4	699.6	753.5	816.1	889.9
17.5°	619.9	622.0	618.8	621.6	*634.6*	636.3	655.9	692.6	750.4	820.7	906.0
20°	647.9	649.6	640.2	636.3	*645.8*	647.2	666.4	697.2	753.5	830.1	928.1
22.5°	707.3	708.4	685.3	669.6	*670.3*	671.0	687.7	715.7	765.8	847.3	956.1
25°	800.0	799.3	762.6	732.2	*714.7*	710.8	722.0	745.8	786.4	870.0	992.1
27.5°	908.5	903.2	866.5	821.0	*782.9*	777.3	774.8	785.0	815.8	900.1	1036.2
30°	1030.9	1026.0	986.5	927.0	*874.2*	865.1	842.0	836.8	859.5	941.0	1097.4
32.5°	1165.2	1162.1	1114.9	1042.8	*972.1*	961.7	922.8	908.8	926.7	1002.9	1182.7
35°	1277.9	1275.1	1235.9	1161.7	*1075.3*	1062.4	1022.9	1007.1	1016.2	1082.3	1294.3
37.5°	1379.7	1378.3	1344.7	1286.3	*1197.1*	1181.3	1136.9	1131.7	1129.9	1186.9	1429.7
40°	1474.1	1470.6	1435.7	1404.9	*1338.8*	1324.4	1285.2	1280.7	1267.4	1315.7	1582.9
42.5°	1578.7	1569.6	1518.9	1504.6	*1486.7*	1474.8	1451.4	1452.1	1422.7	1460.8	1745.2
45°	1664.1	1658.8	1606.7	1598.3	*1617.6*	1612.7	1633.0	1638.2	1581.2	1613.0	1913.9
47.5°	1755.7	1750.8	1706.8	1700.8	*1752.9*	1754.3	1826.1	1827.8	1735.8	1771.1	2082.8
50°	1868.7	1861.7	1818.0	1825.4	*1883.8*	1889.0	2020.2	2008.3	1878.2	1931.7	2250.4
52.5°	1943.2	1947.4	1938.0	1949.9	*2029.7*	2034.5	2211.2	2180.8	2019.2	2090.2	2414.8
55°	1998.2	2006.6	2035.9	2063.2	*2183.6*	2188.5	2391.4	2344.8	2136.0	2237.1	2569.4
57.5°	2068.8	2056.9	2111.9	2165.0	*2329.8*	2342.7	2566.6	2503.0	2239.5	2363.7	2675.4
60°	2170.3	2161.9	2204.6	2283.3	*2493.5*	2514.2	2752.0	2645.3	2315.5	2464.1	2696.1
62.5°	2376.0	2355.0	2361.6	2431.2	*2699.9*	2727.2	2961.2	2769.5	2353.2	2503.3	2585.5
65°	2683.5	2647.4	2613.8	2662.1	*2990.6*	3017.5	3197.3	2867.1	2339.2	2427.4	2292.0
67.5°	3070.7	3035.0	2993.8	3039.2	*3418.8*	3440.1	3488.7	2922.0	2229.0	2134.9	1773.2
70°	3390.1	3376.8	3426.1	3613.3	*4102.7*	4103.4	3862.4	2876.6	1927.2	1513.7	1026.0
72.5°	3347.8	3339.7	3599.6	4178.2	*4964.6*	4946.1	4216.0	2532.3	1298.2	682.8	384.5
75°	*2746.4*	*2798.6*	*3201.2*	*4168.1*	*5274.2*	*5271.8*	*3999.5*	*1609.9*	*537.0*	*283.0*	*198.7*
77.5°	1472.7	1555.3	2078.3	3077.4	*4117.4*	4179.3	2811.8	563.2	230.5	181.2	137.5
80°	480.3	552.4	828.4	1566.8	*2675.4*	2663.9	1205.1	221.1	157.8	128.4	95.2
82.5°	203.9	212.3	370.1	739.9	*1373.0*	1351.7	383.8	127.0	110.9	87.8	58.8
85°	79.8	89.2	163.4	342.1	*594.7*	581.7	138.5	63.0	71.0	57.4	35.0
87.5°	26.2	31.8	58.4	117.2	*185.1*	178.4	33.9	21.7	30.8	26.2	12.6
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°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	869.7	875.2	881.9	891.7	900.1	907.1	914.4	919.0	920.7	926.0	925.6
5°	875.9	888.2	904.6	920.7	936.5	945.9	954.3	958.5	962.4	965.2	965.9
7.5°	886.4	902.2	928.1	949.1	962.4	970.0	975.6	974.2	975.6	976.3	977.4
10°	895.5	917.6	948.4	968.3	978.4	978.8	977.4	972.5	970.0	970.4	971.1
12.5°	906.4	930.9	964.1	980.9	983.7	976.0	970.0	961.7	958.5	957.1	956.4
15°	921.1	949.1	981.2	987.5	980.5	970.7	960.6	947.0	940.0	934.4	936.1
17.5°	938.9	969.7	994.5	990.0	974.9	958.9	942.4	921.8	907.4	901.5	901.8
20°	963.8	991.4	1004.7	984.7	962.0	937.5	909.5	884.3	871.1	865.1	864.4
22.5°	993.8	1020.4	1014.5	975.6	943.5	904.3	869.3	850.8	844.1	839.9	840.6
25°	1029.9	1052.6	1021.5	962.4	913.0	860.2	833.3	827.3	824.2	821.0	821.0
27.5°	1076.7	1089.0	1026.7	942.8	865.5	813.3	803.5	804.6	803.5	798.3	799.3
30°	1138.7	1136.2	1031.6	910.9	810.9	771.0	771.7	776.2	776.9	773.5	775.2
32.5°	1220.2	1195.3	1034.1	869.7	758.8	733.9	734.6	739.5	743.0	737.1	739.9
35°	1318.8	1264.2	1030.2	817.9	718.5	698.6	693.3	694.7	695.8	690.2	694.0
37.5°	1433.9	1341.6	1013.1	760.5	685.3	664.0	652.8	643.3	637.7	632.5	636.0
40°	1560.2	1425.9	981.6	704.5	648.2	627.2	610.4	592.6	573.7	566.7	569.9
42.5°	1692.4	1512.6	943.5	651.0	605.5	588.4	570.6	544.7	516.3	502.0	503.7
45°	1829.6	1601.5	906.0	598.2	561.8	554.5	533.8	502.7	471.9	453.7	452.3
47.5°	1963.9	1685.4	851.1	545.0	520.9	528.9	512.8	484.1	449.9	421.2	418.0
50°	2092.3	1764.1	761.2	491.1	487.6	521.2	505.8	464.6	425.4	388.6	385.5
52.5°	2219.6	1827.8	646.1	442.2	469.8	519.1	496.7	451.3	403.3	364.9	360.7
55°	2327.7	1860.7	535.2	400.2	443.9	501.3	485.9	435.5	372.2	331.3	327.8
57.5°	2389.3	1834.1	442.9	358.9	408.2	471.9	467.4	401.9	335.1	303.6	299.4
60°	2362.7	1726.4	367.3	322.9	374.3	440.1	435.2	368.7	306.8	277.1	272.9
62.5°	2216.1	1521.0	307.5	291.4	343.5	407.5	403.0	343.2	285.1	256.4	251.9
65°	1920.9	1237.3	261.0	265.2	312.4	368.4	375.0	321.8	268.0	240.0	235.4
67.5°	1465.0	896.2	224.6	242.4	282.0	329.9	349.1	306.4	253.6	227.0	222.8
70°	835.0	509.0	193.8	220.4	255.0	294.2	329.2	294.2	238.2	216.2	213.4
72.5°	316.6	233.7	167.6	198.3	229.1	264.1	307.1	275.0	220.4	203.9	201.1
75°	*169.0*	*142.4*	*141.0*	*172.5*	*199.4*	*234.7*	*279.5*	*256.1*	*207.1*	*215.5*	*222.5*
77.5°	115.1	100.7	117.9	147.6	166.9	202.2	250.1	227.4	179.5	178.8	164.8
80°	79.8	71.4	95.9	118.9	129.1	170.0	218.3	195.2	146.2	136.4	130.5
82.5°	47.9	46.5	71.7	88.9	91.3	131.2	180.9	163.7	119.6	104.2	104.9
85°	26.2	27.6	45.8	52.1	53.2	91.7	141.7	126.6	92.0	77.3	78.0
87.5°	7.3	9.4	16.8	20.6	25.5	47.6	84.3	75.2	46.2	32.2	32.2
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

0

(END OF REPORT)