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: P1201593

Luminaire Tested: GWC-SB1B-827-U-SL3

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:	P1201593
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-827-U-SL3
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4811 lumens
Efficiency:	N/A
Efficacy:	120.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

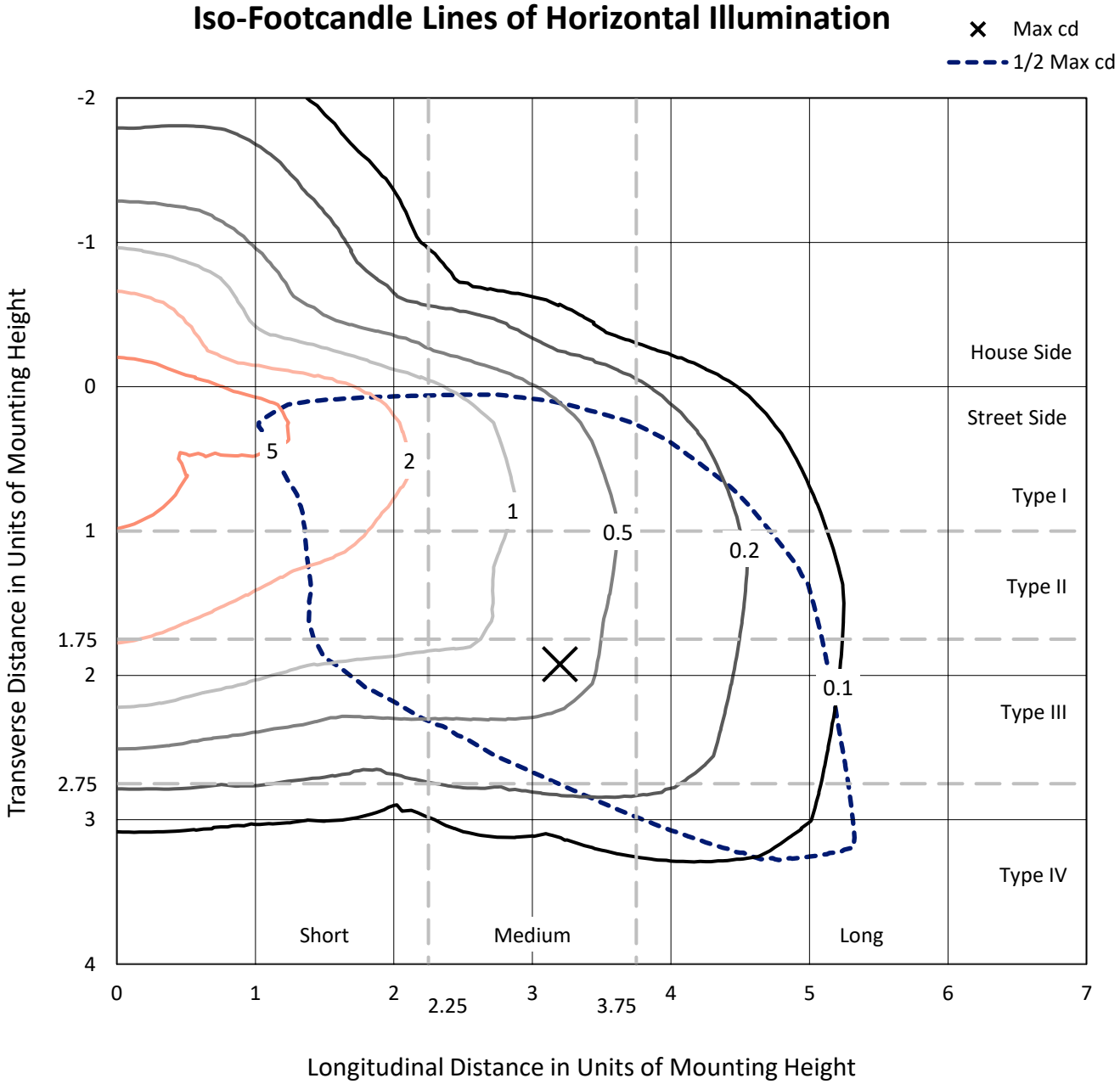


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Iso-Footcandle Lines of Horizontal Illumination



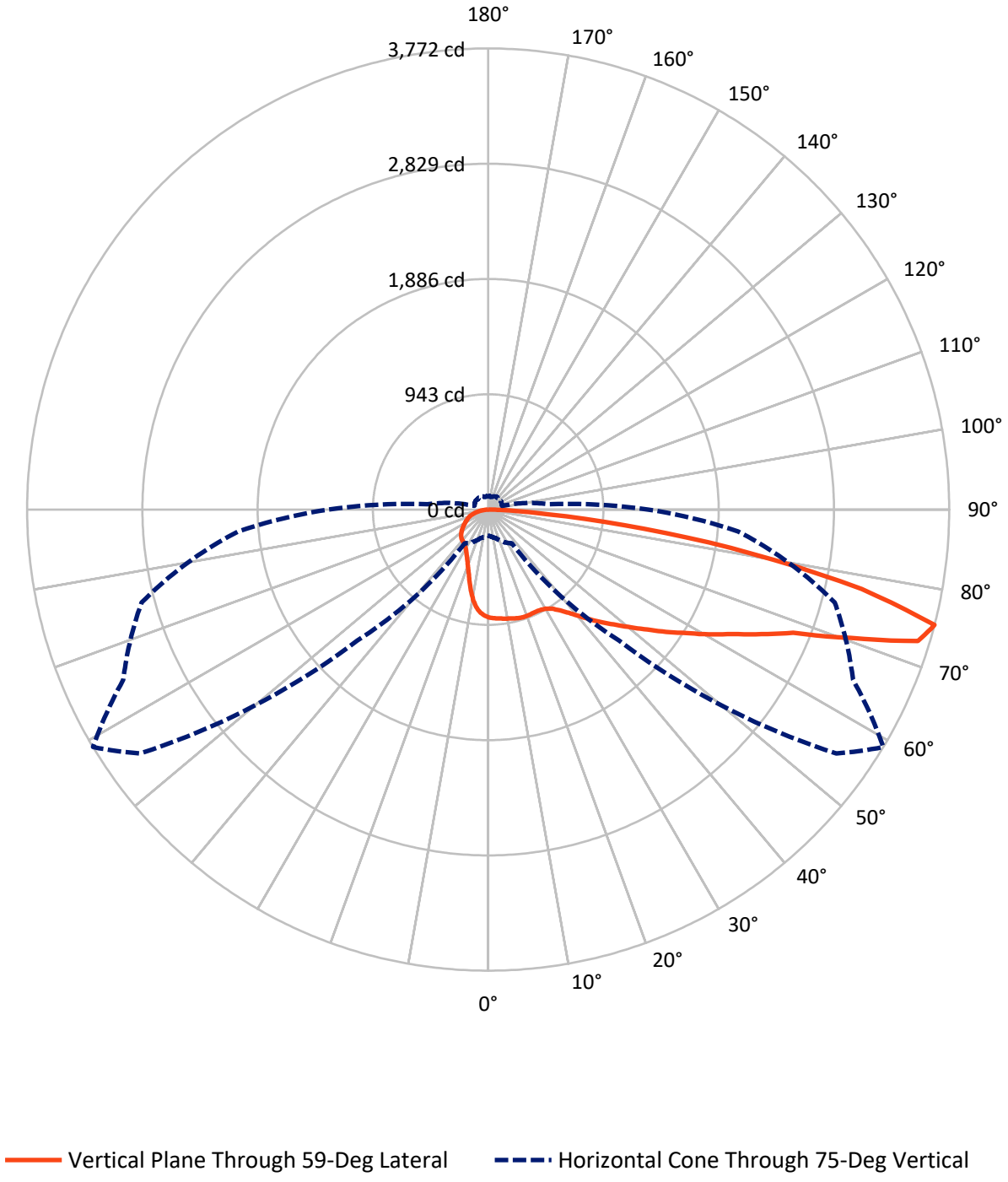
Based on 10 foot mounting height. Maximum calculated value = 8.8 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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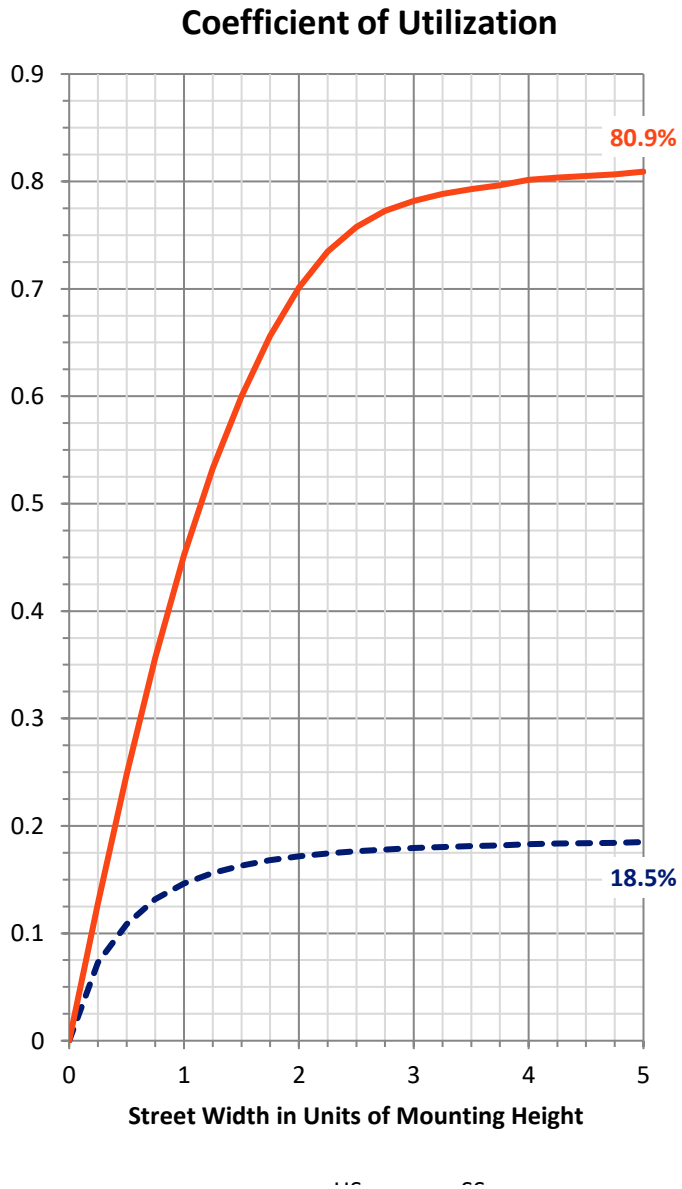
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	902.3	0.0	902.3
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	3908.7	0.0	3908.7
	% Fixture	81.2	0.0	81.2
Total	Lumens	4811.0	0.0	4811.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.2	1.6
10°-20°	202.4	4.2
20°-30°	307.4	6.4
30°-40°	457.0	9.5
40°-50°	679.6	14.1
50°-60°	922.4	19.2
60°-70°	1126.2	23.4
70°-80°	883.8	18.4
80°-90°	153.1	3.2
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°	4811.0	100.0
0°-180°	4811.0	100.0



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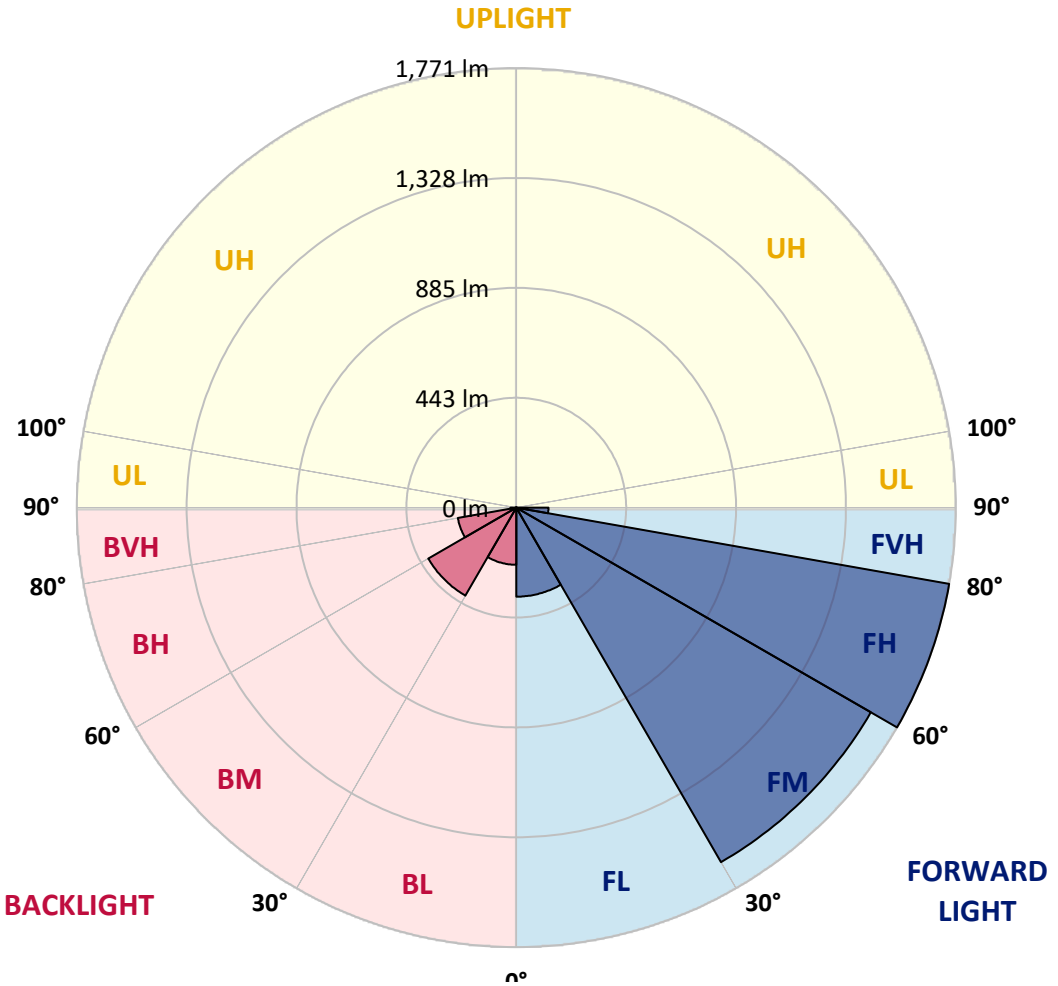
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	358.7	7.5			
FM	(30°-60°)	1649.4	34.3			
FH	(60°-80°)	1770.9	36.8			G1/1800
FVH	(80°-90°)	129.7	2.7			G2/225
BL	(0°-30°)	230.3	4.8	B1/500		
BM	(30°-60°)	409.6	8.5	B1/1000		
BH	(60°-80°)	239.1	5.0	B1/500		G1/500
BVH	(80°-90°)	23.4	0.5			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	883.0	883.0	883.0	883.0	883.0	883.0	883.0	*883.0*	883.0	883.0	883.0
2.5°	890.6	887.4	890.6	889.3	888.7	887.7	888.0	*889.8*	888.7	890.0	885.6
5°	884.6	882.8	885.9	885.1	888.5	889.0	892.4	*894.4*	895.7	896.0	892.6
7.5°	874.8	873.0	877.4	881.0	888.2	890.3	897.3	*900.6*	902.5	905.6	900.6
10°	838.8	838.0	848.9	862.6	879.7	890.3	900.9	*906.6*	909.4	917.7	912.0
12.5°	775.1	776.2	790.4	816.8	851.0	885.1	905.0	*913.3*	917.7	928.1	925.5
15°	714.3	714.0	729.6	757.8	805.7	862.3	907.1	*921.4*	928.9	944.1	942.1
17.5°	679.1	678.1	688.9	710.4	754.9	827.4	901.9	*925.8*	941.8	960.9	959.1
20°	672.6	670.6	676.3	686.9	718.4	789.1	888.5	*925.8*	952.1	977.0	976.0
22.5°	696.2	692.8	690.5	689.2	703.2	757.5	873.2	*922.6*	967.4	1000.0	998.2
25°	743.6	738.4	726.5	714.8	710.7	743.3	859.8	*921.9*	990.2	1031.1	1024.4
27.5°	820.2	813.7	789.6	761.7	736.6	750.5	853.8	*926.5*	1015.3	1064.0	1050.5
30°	915.1	908.2	877.9	834.9	789.9	777.5	861.3	*940.2*	1047.4	1107.7	1081.3
32.5°	1000.3	992.5	966.6	922.9	862.1	824.0	885.1	*966.4*	1097.9	1168.5	1127.6
35°	1075.9	1066.8	1043.5	1003.1	950.6	889.5	928.1	*1012.7*	1169.5	1267.4	1190.5
37.5°	1149.9	1139.3	1113.9	1071.2	1034.5	976.7	987.3	*1072.2*	1264.8	1387.5	1273.8
40°	1232.7	1217.4	1186.6	1144.4	1108.7	1079.0	1065.2	*1145.2*	1361.6	1521.5	1377.9
42.5°	1312.9	1298.4	1261.7	1225.7	1180.9	1172.4	1155.6	*1230.6*	1467.4	1668.8	1483.5
45°	1399.4	1382.0	1337.5	1292.0	1263.8	1234.5	1243.0	*1316.0*	1571.2	1818.9	1594.2
47.5°	1480.4	1461.0	1408.4	1357.7	1342.2	1286.8	1323.3	*1410.0*	1679.1	1971.1	1704.0
50°	1524.1	1505.0	1461.2	1415.4	1403.2	1351.2	1410.2	*1513.2*	1792.2	2122.7	1809.3
52.5°	1560.6	1539.9	1482.7	1457.3	1453.7	1421.4	1517.4	*1631.3*	1905.3	2256.8	1911.0
55°	1599.4	1576.4	1503.4	1480.6	1497.2	1500.0	1644.5	*1765.1*	2024.9	2387.5	2007.0
57.5°	1644.2	1615.0	1523.3	1500.3	1539.6	1592.2	1790.4	*1903.8*	2142.4	2508.6	2092.5
60°	1686.4	1656.9	1561.6	1531.6	1585.4	1699.1	1957.9	*2071.7*	2275.4	2616.5	2173.2
62.5°	1694.7	1670.3	1592.2	1591.9	1647.6	1823.8	2156.1	*2241.3*	2391.6	2723.2	2245.7
65°	1551.3	1536.0	1489.7	1589.6	1736.6	2003.4	2376.9	*2458.1*	2539.4	2816.3	2309.3
67.5°	1180.7	1182.7	1179.4	1372.2	1664.6	2261.5	2696.5	*2690.3*	2721.9	2920.9	2382.6
70°	539.9	552.0	631.2	947.2	1333.6	2291.2	3225.0	*3144.5*	2950.9	3056.2	2446.0
72.5°	291.7	301.0	333.3	458.9	801.8	2037.1	3619.9	*3677.1*	3255.5	3147.3	2376.4
75°	*214.0*	*219.2*	*241.7*	*291.7*	*336.7*	*1514.0*	*3478.4*	*3771.8*	*3293.6*	*2934.9*	*2052.1*
77.5°	160.2	162.5	180.9	231.1	172.4	798.2	2779.3	*3123.8*	2819.4	2411.3	1515.8
80°	116.2	118.8	132.5	173.4	120.9	291.9	1908.4	*2192.6*	1931.0	1537.1	755.5
82.5°	80.2	81.3	87.2	118.0	84.4	113.4	1082.8	*1285.8*	1077.9	539.4	203.9
85°	48.4	49.7	52.3	68.8	47.9	53.8	467.4	*483.5*	322.2	128.9	63.4
87.5°	19.9	21.2	23.3	29.0	18.9	15.0	77.1	*96.8*	60.3	37.8	19.7
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°	883.0	883.0	883.0	883.0	883.0	883.0	883.0	883.0	883.0	883.0	883.0
2.5°	884.3	882.5	877.6	870.9	864.7	856.9	853.5	850.7	848.1	843.2	840.9
5°	889.8	884.9	871.7	854.6	835.2	813.9	793.2	779.0	766.8	757.8	750.3
7.5°	898.1	888.7	864.7	829.7	785.2	739.7	698.5	669.3	647.3	639.3	625.3
10°	906.6	895.5	853.5	791.9	715.1	644.9	590.3	560.3	542.7	537.0	528.2
12.5°	916.7	900.4	836.2	739.4	636.7	559.8	512.2	494.6	485.5	482.4	483.2
15°	931.4	904.5	810.1	673.7	561.9	497.7	466.9	454.7	450.1	449.8	450.8
17.5°	942.6	905.3	769.4	603.3	504.4	460.2	434.8	430.1	433.2	437.9	439.7
20°	955.0	898.3	716.1	539.1	464.0	427.3	416.7	419.8	427.3	434.0	436.3
22.5°	963.8	885.6	651.7	489.1	429.1	408.4	407.9	414.3	418.5	421.9	423.7
25°	971.6	864.2	583.4	447.2	400.4	397.0	402.7	400.6	397.8	400.6	402.4
27.5°	977.3	830.3	522.3	410.5	380.2	389.2	385.9	381.2	381.0	382.5	385.1
30°	975.4	785.0	472.1	375.5	366.0	374.8	366.7	366.0	365.2	366.0	368.8
32.5°	975.4	733.5	433.5	351.5	356.9	353.5	352.8	350.9	347.8	347.6	350.9
35°	980.9	682.0	400.4	338.5	349.4	341.4	341.9	337.5	331.0	327.9	331.0
37.5°	992.0	640.5	367.5	332.3	336.2	335.9	333.9	326.4	315.0	305.1	308.5
40°	1018.9	628.4	345.0	329.5	330.0	333.1	327.6	313.2	287.3	271.2	273.3
42.5°	1061.1	648.8	340.1	322.5	325.8	328.9	318.3	284.7	266.3	256.7	256.7
45°	1114.7	684.5	350.7	312.4	316.0	321.4	289.9	273.8	265.5	265.8	267.1
47.5°	1182.5	722.1	370.4	303.6	301.8	304.9	271.0	261.1	249.7	252.6	259.8
50°	1260.9	760.1	389.0	291.7	286.0	275.9	258.8	249.5	235.0	228.3	230.1
52.5°	1345.8	796.9	396.5	277.2	268.9	257.3	250.5	239.1	221.5	210.4	210.2
55°	1426.3	830.3	388.2	259.8	251.8	242.8	241.7	234.7	215.8	200.3	200.3
57.5°	1502.4	858.2	367.5	242.2	234.5	229.0	236.0	232.7	208.9	188.9	187.9
60°	1566.8	877.4	337.5	224.4	219.0	216.1	226.7	225.7	199.0	176.8	176.0
62.5°	1618.1	884.9	304.4	207.3	206.0	200.8	213.8	213.8	186.6	164.9	164.1
65°	1658.2	877.6	270.7	190.5	193.1	185.3	198.0	196.4	173.4	154.2	153.2
67.5°	1693.6	853.8	233.4	173.9	179.9	170.0	181.4	177.8	158.9	143.6	142.6
70°	1709.4	798.4	191.0	157.4	164.6	155.0	164.9	158.1	142.6	132.3	130.2
72.5°	1582.6	663.6	150.4	140.0	146.2	138.5	147.0	139.2	125.0	120.3	116.5
75°	*1309.3*	*497.9*	*115.7*	*121.1*	*125.8*	*119.8*	*125.5*	*119.8*	*106.9*	*110.3*	*100.7*
77.5°	950.9	336.2	88.5	101.2	103.3	100.2	105.1	98.6	87.0	86.2	82.3
80°	472.8	197.0	69.4	80.0	79.2	77.1	82.8	79.7	69.9	74.0	73.2
82.5°	136.9	84.4	50.5	56.2	54.6	55.1	59.3	60.8	91.1	90.3	92.4
85°	43.0	33.1	30.3	31.3	29.8	30.5	34.9	69.4	64.2	37.5	40.6
87.5°	11.1	11.4	7.5	8.0	8.3	9.8	11.1	42.2	20.2	13.2	14.0
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)