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: P1201592

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201592
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-13)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-827-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3965 lumens
Efficiency:	N/A
Efficacy:	99.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

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

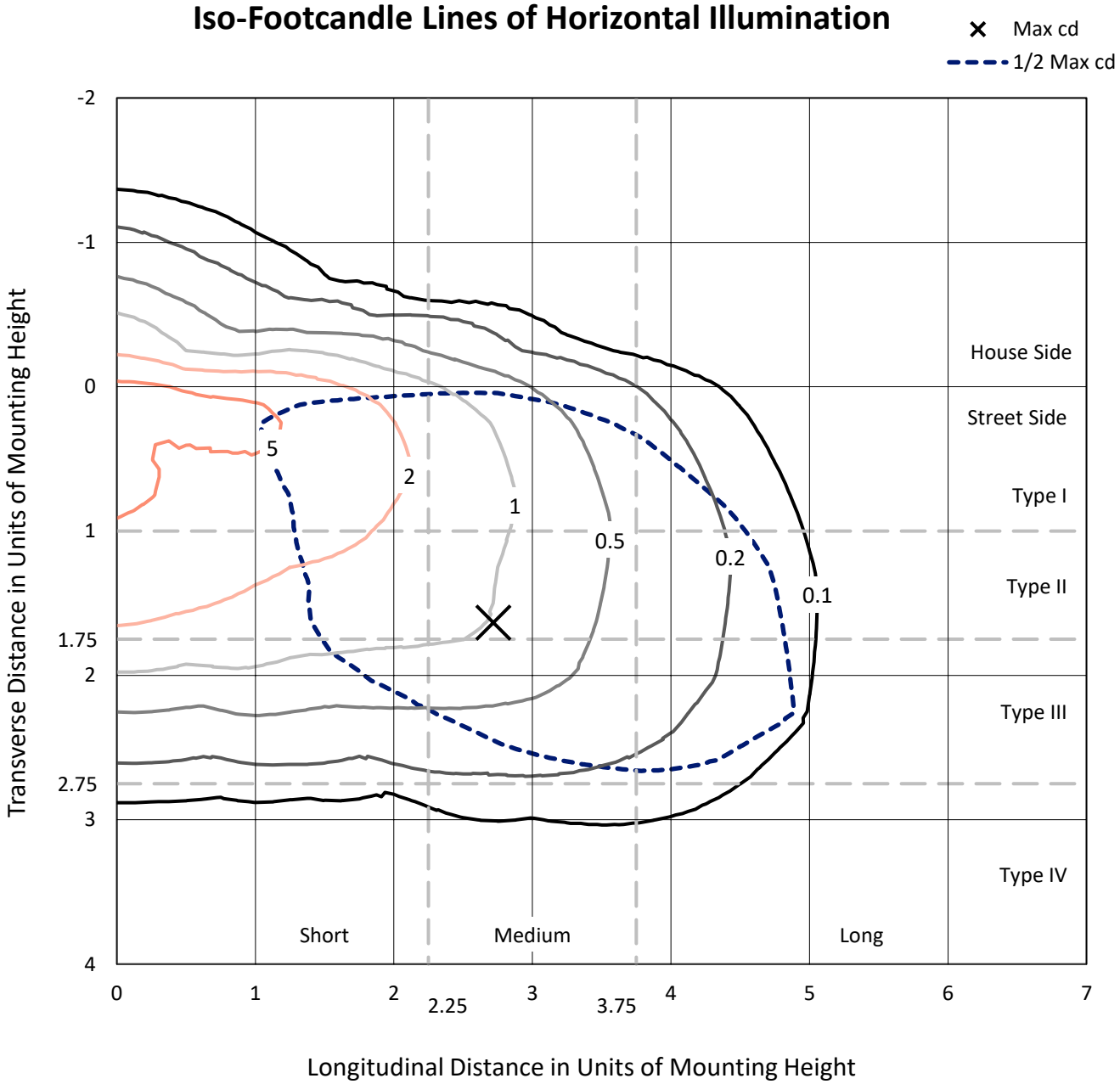


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Iso-Footcandle Lines of Horizontal Illumination



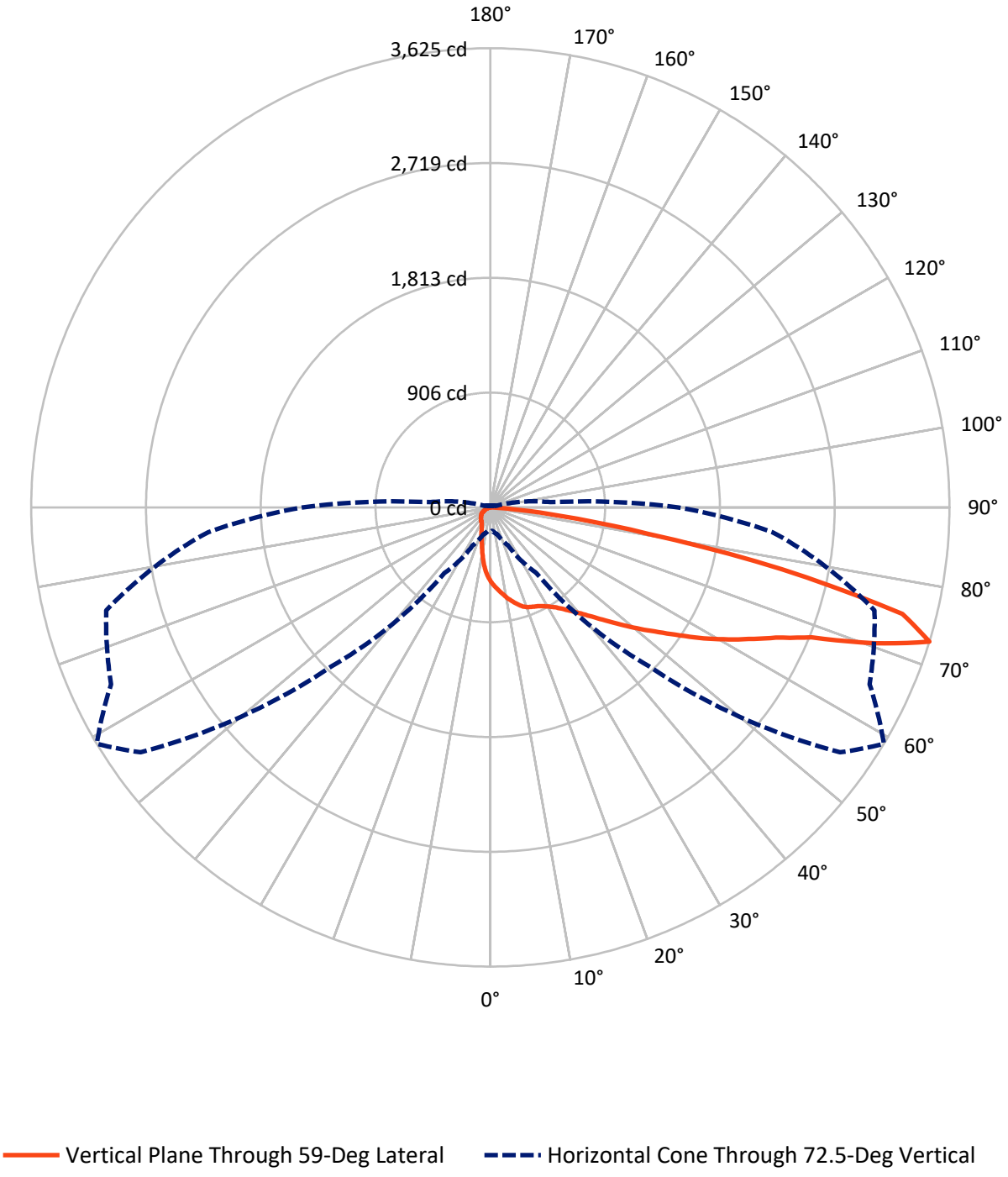
Based on 10 foot mounting height. Maximum calculated value = 7.3 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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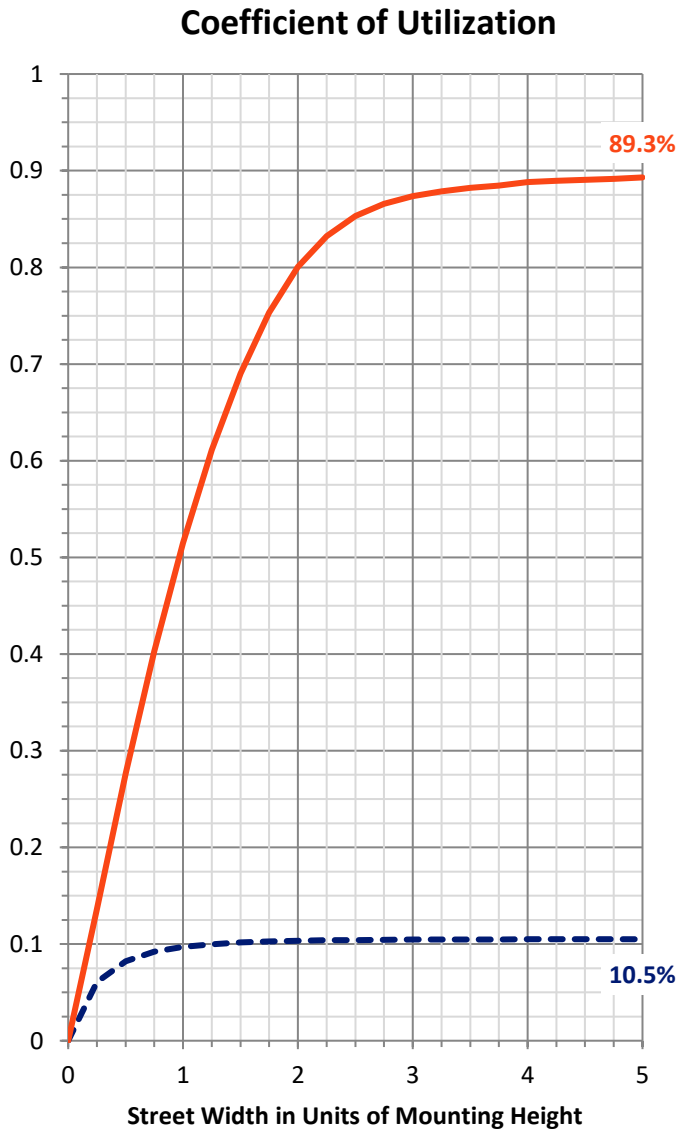
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	418.8	0.0	418.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3546.2	0.0	3546.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	3965.0	0.0	3965.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	1.3
10°-20°	140.9	3.6
20°-30°	223.3	5.6
30°-40°	358.4	9.0
40°-50°	572.4	14.4
50°-60°	828.7	20.9
60°-70°	983.5	24.8
70°-80°	730.1	18.4
80°-90°	74.6	1.9
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°	3965.0	100.0
0°-180°	3965.0	100.0



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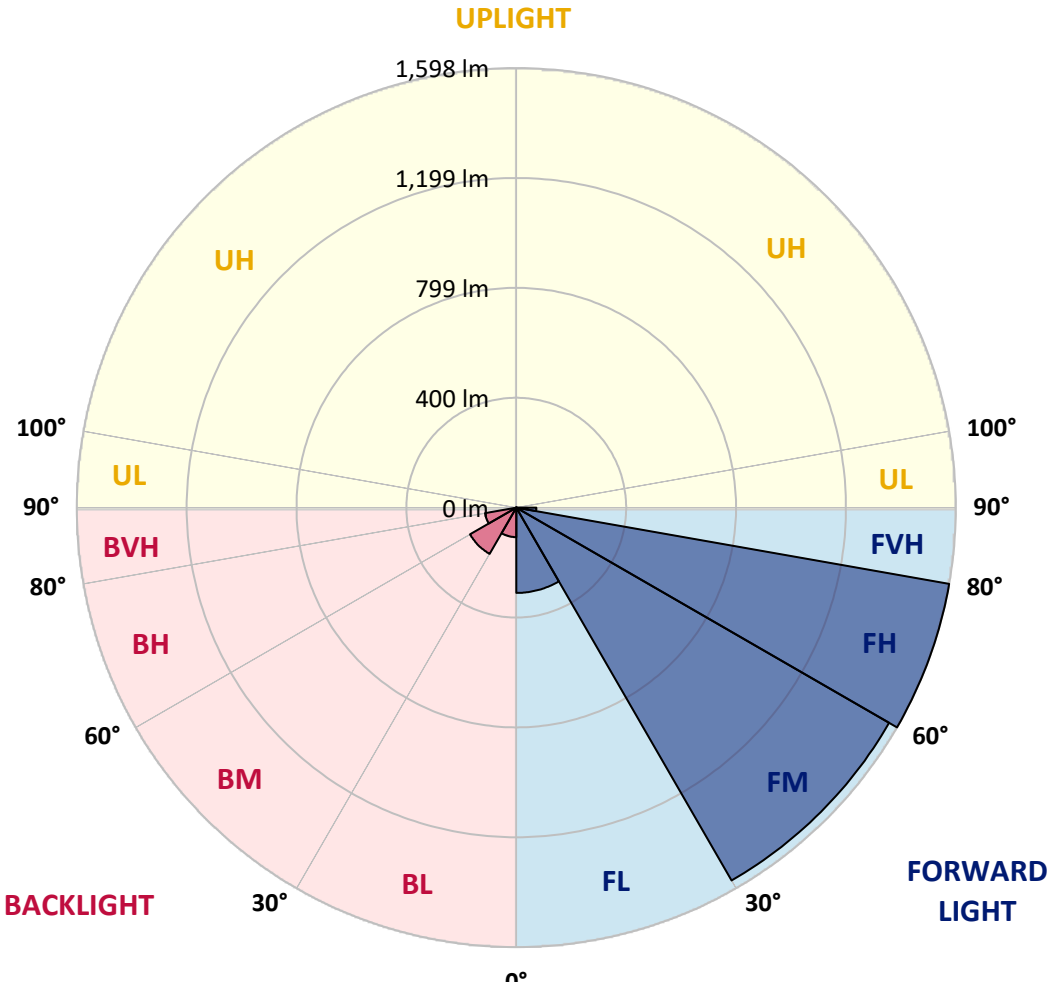
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	310.0	7.8			
FM	(30°-60°)	1565.3	39.5			
FH	(60°-80°)	1598.1	40.3			G1/1800
FVH	(80°-90°)	72.8	1.8			G1/100
BL	(0°-30°)	107.3	2.7	B0/110		
BM	(30°-60°)	194.2	4.9	B0/220		
BH	(60°-80°)	115.5	2.9	B1/500		G1/500
BVH	(80°-90°)	1.9	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-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	586.3	586.3	586.3	586.3	586.3	586.3	586.3	*586.3*	586.3	586.3	586.3
2.5°	650.5	646.9	647.4	641.2	636.8	632.1	623.1	*621.8*	615.3	603.9	592.3
5°	707.2	704.9	702.8	695.8	686.8	675.4	660.1	*654.7*	642.8	623.1	600.3
7.5°	748.6	745.8	746.8	739.8	732.6	719.9	698.9	*688.8*	673.0	643.0	608.6
10°	756.7	755.1	761.8	764.4	764.4	756.4	736.0	*725.9*	702.8	664.5	617.1
12.5°	711.6	711.9	728.7	748.9	775.3	782.8	769.1	*758.2*	735.4	687.3	628.0
15°	659.1	659.3	675.6	701.5	744.8	788.0	798.9	*791.9*	768.3	711.9	640.7
17.5°	627.5	626.2	637.1	658.3	703.6	764.4	817.0	*821.6*	802.5	739.1	654.7
20°	623.1	620.8	626.5	637.1	669.4	734.9	819.0	*841.1*	837.7	769.9	670.7
22.5°	650.0	646.4	643.3	643.8	657.5	710.3	813.9	*851.9*	873.9	806.9	692.7
25°	703.3	697.6	687.5	674.6	671.8	705.1	810.2	*863.8*	907.6	854.3	721.7
27.5°	768.6	760.5	741.1	721.7	705.1	719.6	817.8	*882.7*	945.6	909.4	755.4
30°	840.3	830.4	811.0	774.3	747.9	752.0	835.6	*907.6*	994.3	971.8	797.6
32.5°	945.6	922.9	888.9	832.8	797.8	786.9	862.5	*939.2*	1054.6	1054.9	858.7
35°	1036.0	1023.3	989.1	919.2	847.5	833.3	898.0	*983.7*	1138.2	1164.9	944.1
37.5°	1095.3	1077.9	1047.9	995.3	924.7	880.9	945.4	*1038.3*	1226.8	1290.2	1049.4
40°	1161.5	1144.4	1104.6	1055.1	1014.2	962.7	1005.2	*1101.2*	1323.8	1418.8	1169.8
42.5°	1241.5	1219.3	1172.1	1118.8	1076.1	1070.4	1083.3	*1179.6*	1423.5	1558.6	1295.1
45°	1335.5	1314.5	1260.4	1193.1	1155.6	1145.5	1181.7	*1271.0*	1534.6	1711.9	1421.7
47.5°	1423.5	1399.2	1340.9	1279.6	1237.9	1206.1	1286.3	*1379.0*	1660.4	1872.1	1541.3
50°	1498.3	1473.5	1420.1	1354.6	1326.4	1284.7	1389.1	*1499.3*	1785.1	2034.9	1650.5
52.5°	1549.6	1527.6	1464.9	1420.4	1401.2	1380.3	1509.4	*1627.0*	1909.4	2184.0	1758.5
55°	1537.9	1518.2	1463.1	1460.0	1458.7	1480.7	1653.4	*1771.7*	2036.0	2325.1	1865.9
57.5°	1500.9	1478.6	1409.8	1457.2	1503.0	1570.3	1809.2	*1942.8*	2174.7	2458.2	1969.4
60°	1391.9	1384.2	1342.2	1451.7	1521.6	1658.0	1987.3	*2114.7*	2324.9	2575.2	2061.3
62.5°	1161.3	1168.0	1167.7	1463.1	1555.3	1758.0	2149.1	*2288.6*	2471.6	2687.8	2143.1
65°	869.5	892.8	922.6	1360.6	1600.3	1936.3	2342.5	*2477.3*	2620.7	2818.8	2226.2
67.5°	584.3	602.9	623.1	1116.2	1466.2	2123.7	2663.7	*2735.9*	2799.4	2964.0	2319.7
70°	334.5	340.4	368.6	697.1	1130.2	2072.0	3186.9	*3213.0*	3065.7	3142.9	2387.8
72.5°	*187.4*	*185.3*	*222.6*	*330.8*	*631.6*	*1774.3*	*3370.2*	*3625.1*	*3304.2*	*3140.0*	*2235.8*
75°	125.3	125.5	153.2	208.6	246.2	1242.0	2904.2	*3361.4*	3161.3	2784.4	1826.8
77.5°	85.4	88.3	112.6	161.3	113.9	606.0	1921.3	*2354.6*	2559.4	2150.1	1261.2
80°	37.0	37.3	74.3	115.7	76.9	192.9	996.1	*1261.4*	1605.2	1207.3	499.6
82.5°	19.2	21.7	47.4	74.8	48.4	67.6	470.6	*551.1*	673.6	354.4	102.5
85°	6.7	8.0	29.3	36.8	24.3	24.1	163.9	*167.0*	142.6	53.3	28.2
87.5°	0.0	1.3	11.4	9.1	3.1	2.8	19.4	*16.3*	12.9	7.5	9.3
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°	586.3	586.3	586.3	586.3	586.3	586.3	586.3	586.3	586.3	586.3	586.3
2.5°	586.8	579.9	568.5	554.5	538.2	529.4	516.7	508.9	501.9	502.2	507.9
5°	587.6	576.0	547.0	516.2	482.0	456.9	428.9	409.3	394.3	390.6	396.1
7.5°	590.0	570.3	522.9	471.7	414.7	372.5	333.9	309.6	295.9	292.3	295.9
10°	593.1	564.1	495.7	417.3	346.6	295.9	263.8	248.3	242.0	237.4	240.2
12.5°	595.6	557.6	461.6	361.1	286.0	246.4	222.1	209.2	203.7	200.4	202.2
15°	600.0	549.1	424.5	308.8	245.1	212.8	189.7	180.2	178.6	179.1	179.9
17.5°	604.4	540.8	383.1	267.9	215.1	183.3	169.3	167.7	169.8	171.9	172.7
20°	609.4	528.9	341.2	237.1	187.4	162.8	159.2	160.2	161.3	164.9	165.9
22.5°	616.6	513.8	304.4	211.0	164.4	153.0	151.2	152.0	152.7	156.4	157.4
25°	627.0	497.8	274.7	186.9	149.9	145.0	143.2	143.2	144.2	147.6	148.8
27.5°	637.8	475.0	250.6	164.6	141.3	136.2	133.1	133.1	134.4	138.2	139.8
30°	650.0	454.3	231.7	148.1	134.1	127.4	123.2	122.2	123.7	128.7	130.0
32.5°	672.0	440.8	218.2	140.3	127.6	119.3	113.6	110.8	112.3	118.0	119.6
35°	705.4	437.7	208.9	136.4	121.4	112.1	104.1	99.7	101.0	106.9	108.7
37.5°	744.5	444.2	199.8	131.2	115.5	105.1	94.5	88.8	90.9	96.3	97.9
40°	800.7	471.1	192.9	127.4	109.5	96.8	84.9	79.2	82.6	87.2	88.0
42.5°	868.5	519.0	191.0	123.7	102.3	88.0	76.1	72.0	74.6	79.0	79.7
45°	952.6	580.1	199.3	119.1	94.2	79.5	69.1	66.8	67.6	72.0	74.0
47.5°	1043.0	642.8	222.1	114.9	87.2	72.5	63.7	61.6	61.1	65.2	67.8
50°	1134.3	698.4	249.0	111.8	82.3	66.8	59.5	57.0	55.7	58.2	59.3
52.5°	1224.7	742.7	266.6	106.7	77.4	61.1	55.9	52.0	49.7	51.0	52.0
55°	1316.3	781.5	267.7	98.9	72.7	57.5	52.3	47.9	45.0	45.0	45.6
57.5°	1402.0	815.7	252.4	88.5	66.3	54.1	47.4	43.7	40.6	39.6	39.9
60°	1477.9	841.1	227.0	76.9	60.6	49.7	42.5	39.6	35.7	33.7	33.1
62.5°	1545.4	853.5	192.3	65.0	53.6	44.5	37.8	34.7	29.5	26.9	26.7
65°	1602.6	840.8	156.1	53.8	47.6	38.8	32.4	29.3	23.6	20.5	20.5
67.5°	1659.3	782.8	118.0	45.3	41.4	32.6	26.7	23.8	19.7	17.1	17.1
70°	1666.6	660.9	82.6	38.1	34.4	25.1	21.5	19.7	16.0	13.7	13.5
72.5°	*1483.6*	*475.5*	*50.2*	*31.1*	*26.9*	*17.9*	*17.1*	*15.5*	*11.9*	*10.4*	*10.1*
75°	1185.9	291.5	29.5	23.3	17.9	12.7	12.7	11.1	8.0	6.7	6.7
77.5°	819.6	152.5	17.3	15.0	10.6	7.5	8.3	6.7	3.9	3.1	3.1
80°	328.2	58.0	9.3	7.0	4.9	3.4	2.8	1.6	0.8	0.5	0.8
82.5°	65.5	15.3	3.1	1.8	1.8	0.8	0.0	0.0	0.0	0.0	0.0
85°	16.8	3.4	0.8	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	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


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SS

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(END OF REPORT)