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: P1202998

Luminaire Tested: GWC-SB2B-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:	P1202998
	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-SB2B-735-U-SL2-HSS
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH 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:	9125 lumens
Efficiency:	N/A
Efficacy:	123.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	73.9
Input Voltage (V):	120.0
Input Current (Ain):	0.627
Voltage Rise (V):	NR
Power Factor:	0.988
Total Harmonic Distortion (THDi):	13.593
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

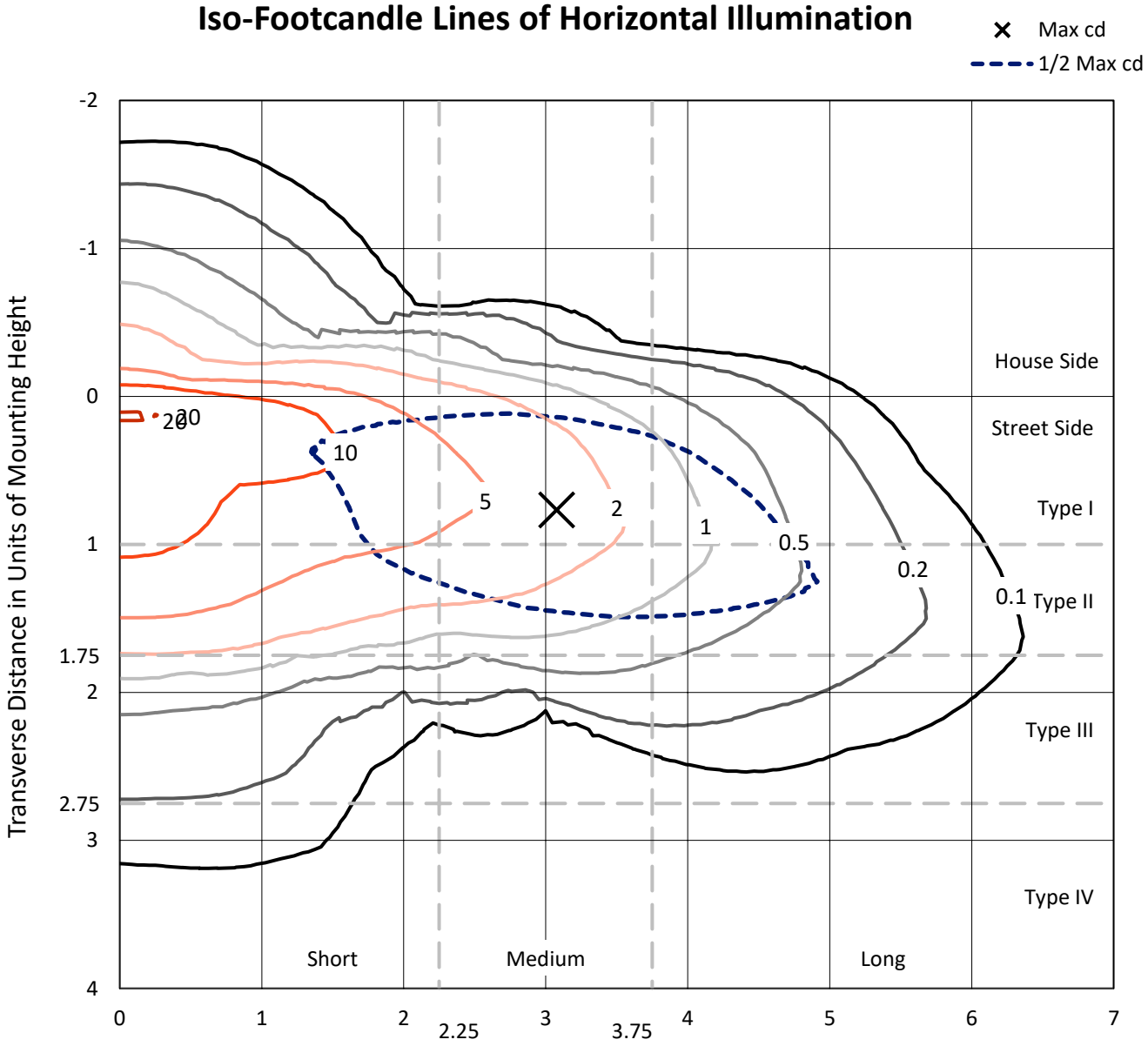


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Iso-Footcandle Lines of Horizontal Illumination



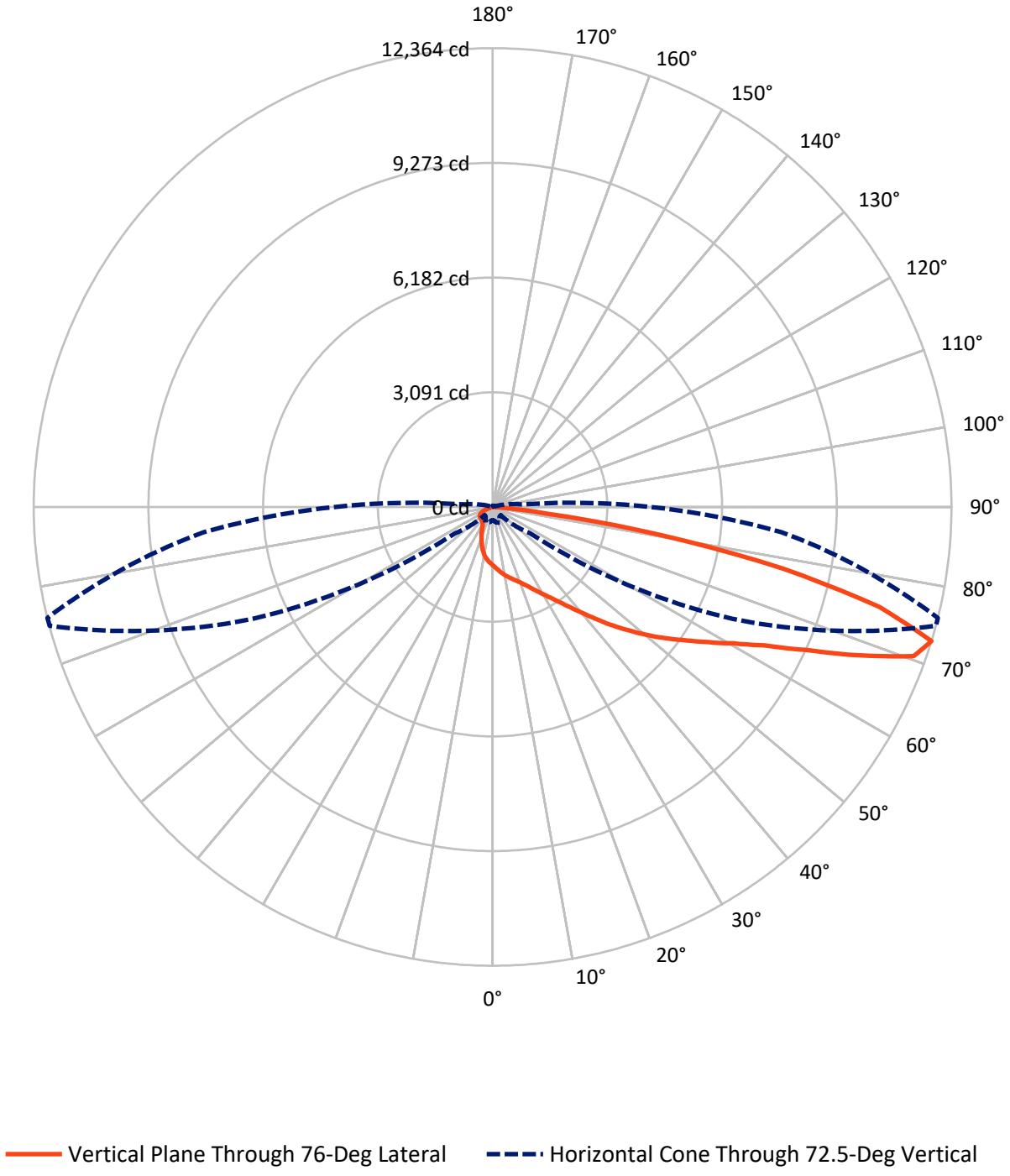
Based on 10 foot mounting height. Maximum calculated value = 20.8 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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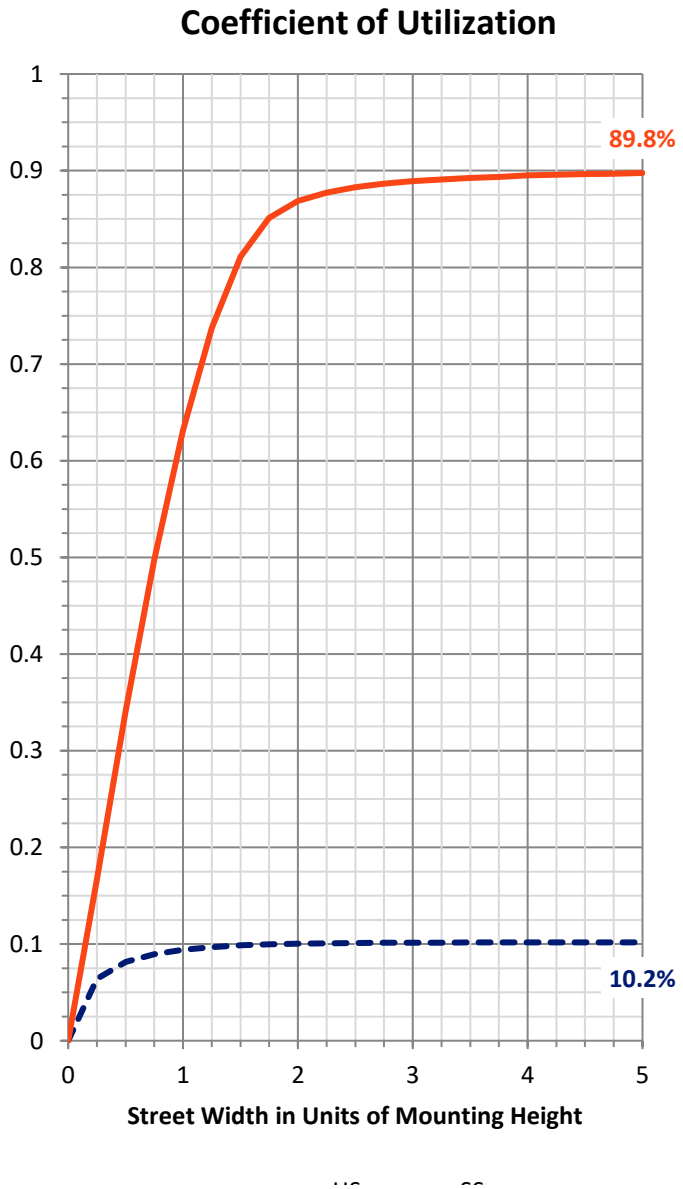
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	933.9	0.0	933.9
	% Fixture	10.2	0.0	10.2
Street Side	Lumens	8191.0	0.0	8191.0
	% Fixture	89.8	0.0	89.8
Total	Lumens	9125.0	0.0	9125.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.4	1.6
10°-20°	384.5	4.2
20°-30°	608.6	6.7
30°-40°	941.6	10.3
40°-50°	1430.2	15.7
50°-60°	1971.7	21.6
60°-70°	2082.9	22.8
70°-80°	1429.0	15.7
80°-90°	133.0	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°	9125.0	100.0
0°-180°	9125.0	100.0



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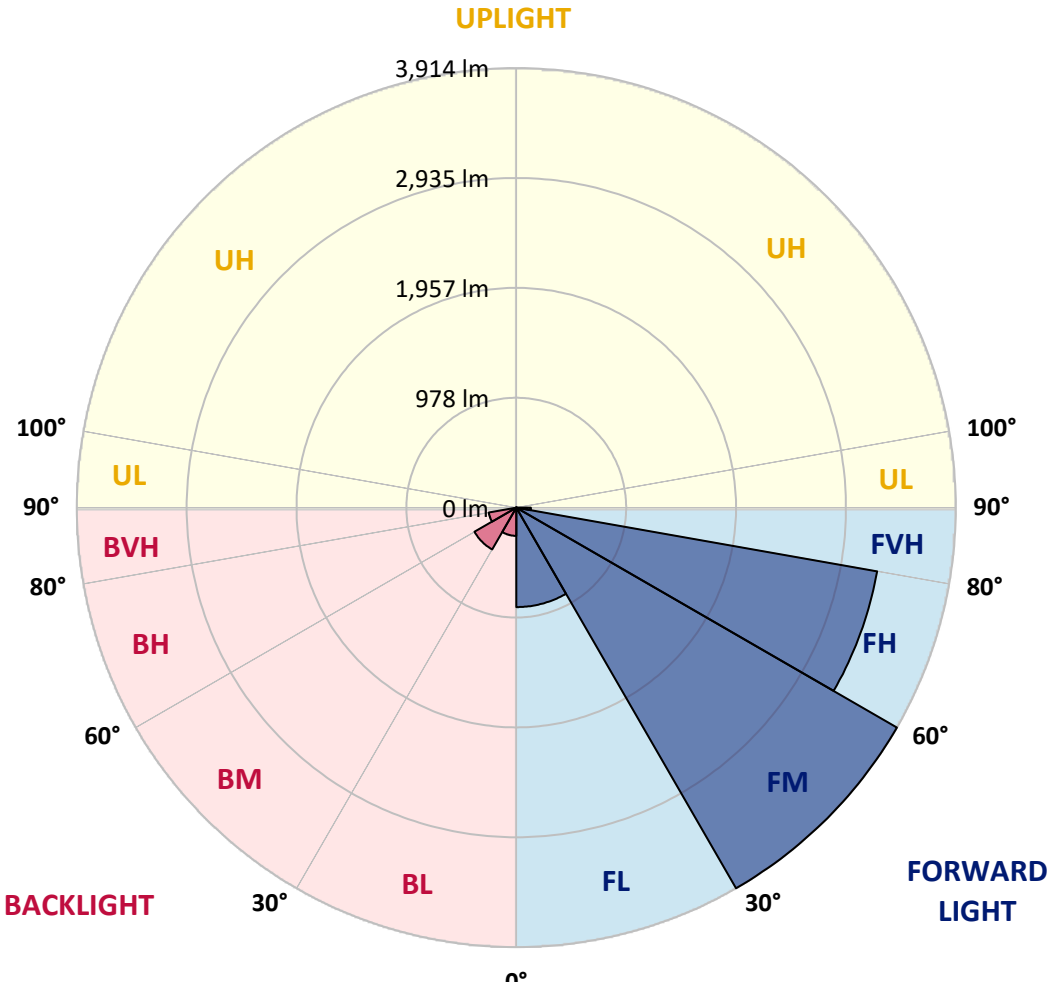
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	885.6	9.7			
FM	(30°-60°)	3913.5	42.9			
FH	(60°-80°)	3262.6	35.8			G2/5000
FVH	(80°-90°)	129.4	1.4			G2/225
BL	(0°-30°)	251.0	2.8	B1/500		
BM	(30°-60°)	430.0	4.7	B1/1000		
BH	(60°-80°)	249.3	2.7	B1/500		G1/500
BVH	(80°-90°)	3.6	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	*1576.9*	1576.9
2.5°	1833.2	1808.9	1813.6	1789.4	1778.1	1750.9	1722.5	1685.2	1643.8	*1643.8*	1603.5
5°	2026.1	2010.8	2010.8	1982.3	1960.4	1917.8	1866.9	1801.2	1723.1	*1715.4*	1639.0
7.5°	2144.5	2135.1	2141.0	2124.4	2106.6	2062.3	2001.9	1916.1	1805.4	*1795.9*	1681.1
10°	2167.6	2167.0	2183.6	2188.3	2200.2	2177.7	2123.8	2025.0	1886.5	*1872.8*	1717.2
12.5°	2078.2	2067.0	2107.8	2155.8	2223.3	2253.4	2225.6	2124.4	1960.4	*1941.5*	1750.9
15°	1931.4	1933.8	1972.9	2046.9	2159.3	2267.1	2303.2	2221.5	2035.6	*2013.1*	1782.9
17.5°	1847.4	1838.5	1872.2	1938.5	2062.8	2215.0	2339.3	2312.0	2115.5	*2090.1*	1815.4
20°	1837.3	1836.7	1844.4	1874.6	1969.3	2140.4	2335.1	2400.2	2209.6	*2180.0*	1862.2
22.5°	1907.2	1906.0	1899.5	1893.6	1919.6	2067.6	2317.4	2484.3	2322.1	*2290.1*	1928.5
25°	2014.3	2012.5	2002.5	1966.4	1940.9	2028.5	2300.8	2562.4	2455.3	*2419.8*	2009.0
27.5°	2145.1	2143.9	2125.6	2071.1	2005.4	2032.1	2292.5	2642.9	2609.2	*2574.3*	2101.9
30°	2305.5	2303.2	2265.3	2188.3	2102.5	2088.3	2303.8	2733.5	2769.6	*2743.0*	2209.1
32.5°	2506.8	2500.3	2450.6	2334.5	2214.4	2163.5	2325.1	2826.4	2959.6	*2934.7*	2352.3
35°	2662.5	2652.4	2623.4	2521.0	2344.0	2255.8	2374.8	2936.5	3188.1	*3166.2*	2535.2
37.5°	2796.2	2786.2	2762.5	2678.4	2529.9	2373.6	2454.7	3083.3	3458.0	*3447.4*	2758.4
40°	2940.7	2924.1	2912.8	2822.9	2688.5	2543.5	2568.9	3255.0	3768.8	*3769.9*	3026.5
42.5°	3051.9	3045.4	3046.6	2977.4	2841.8	2744.7	2720.5	3448.5	4141.1	*4152.3*	3349.1
45°	3147.2	3141.9	3163.8	3115.3	2996.3	2876.7	2898.0	3667.5	4548.3	*4571.4*	3710.2
47.5°	3220.6	3226.6	3257.9	3226.6	3156.7	2969.7	3055.5	3903.7	4976.3	*4979.2*	4083.1
50°	3294.0	3296.4	3348.5	3333.1	3304.7	3087.5	3200.5	4167.7	5427.3	*5432.7*	4431.7
52.5°	3317.1	3313.6	3396.4	3434.3	3435.5	3233.1	3388.2	4455.4	5869.5	*5886.7*	4790.4
55°	3198.7	3208.8	3342.6	3496.5	3557.4	3434.3	3641.5	4819.4	6340.7	*6347.8*	5145.6
57.5°	2619.8	2675.5	2971.4	3328.4	3636.2	3722.6	4005.5	5245.0	6884.6	*6878.1*	5505.5
60°	1589.9	1656.2	2010.2	2791.5	3379.3	4012.0	4541.8	5904.4	7478.9	*7460.6*	5869.5
62.5°	889.1	909.2	1022.2	1671.0	2570.1	3828.0	5065.7	6751.5	8276.8	*8214.7*	6227.6
65°	655.3	661.8	688.4	818.6	1263.2	2944.2	4950.8	7764.2	9397.9	*9287.3*	6656.8
67.5°	569.4	575.9	602.0	619.7	564.1	1546.7	4078.9	8326.0	10821.5	*10676.5*	7237.4
70°	479.5	483.0	525.0	536.9	403.7	588.4	2620.4	8152.5	12139.1	*12035.5*	7860.7
72.5°	*357.5*	*371.7*	*432.7*	*461.1*	*323.8*	*312.5*	*1233.6*	*7127.9*	*12362.3*	*12363.5*	*7818.7*
75°	242.7	255.7	325.6	379.4	249.8	219.0	497.8	5322.6	10764.7	*10764.7*	6853.9
77.5°	165.7	176.4	226.7	297.7	189.4	150.3	258.1	3378.1	7722.8	*7994.5*	4885.1
80°	73.4	79.9	146.2	216.1	143.8	97.1	146.2	1849.8	4670.3	*4612.8*	1914.9
82.5°	36.1	41.4	93.5	135.0	92.9	59.8	76.9	879.6	1513.5	*1438.4*	298.9
85°	7.1	9.5	50.3	57.4	43.2	26.6	29.0	270.5	182.3	*208.4*	63.3
87.5°	0.0	0.0	15.4	10.7	4.7	5.9	5.9	24.3	14.2	*16.6*	16.6
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°	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9	1576.9
2.5°	1582.2	1560.3	1512.4	1465.0	1416.5	1372.1	1341.3	1310.5	1291.6	1283.3	1284.5
5°	1594.6	1550.2	1449.6	1344.3	1240.1	1138.3	1061.9	990.3	967.8	930.5	932.9
7.5°	1614.2	1542.0	1383.3	1205.7	1036.5	887.3	779.6	693.7	659.4	626.3	625.7
10°	1627.2	1526.6	1295.7	1058.4	829.3	661.8	558.8	496.6	474.1	454.0	453.4
12.5°	1632.5	1498.2	1195.1	893.2	645.2	504.3	442.8	413.8	406.1	399.0	399.0
15°	1637.3	1470.3	1082.6	734.0	509.6	422.0	397.8	388.3	383.0	378.2	378.2
17.5°	1641.4	1434.8	954.2	596.7	430.3	388.9	377.1	367.0	362.8	357.5	357.5
20°	1655.6	1400.5	839.3	492.5	387.1	365.2	352.2	341.5	338.0	334.4	335.0
22.5°	1682.2	1372.7	728.1	422.0	361.1	340.9	324.4	312.5	310.2	307.8	306.0
25°	1714.2	1338.3	623.3	376.5	335.6	313.1	294.8	284.7	282.3	282.9	281.8
27.5°	1755.0	1300.5	533.3	347.5	313.1	287.1	266.4	258.7	259.9	262.2	261.0
30°	1800.0	1265.5	462.9	327.3	293.0	264.0	243.3	238.0	242.1	245.6	244.5
32.5°	1866.9	1234.7	413.8	311.4	275.2	245.1	228.5	222.0	226.7	231.4	230.3
35°	1958.1	1219.4	385.9	297.7	259.9	230.3	213.7	208.9	213.7	214.9	214.3
37.5°	2070.0	1218.2	374.1	286.5	245.6	217.8	199.5	197.7	201.3	201.8	200.7
40°	2214.4	1225.9	365.2	278.2	230.8	203.6	186.5	184.7	185.9	190.0	189.4
42.5°	2397.3	1257.8	352.8	267.5	214.9	189.4	175.8	171.7	171.1	175.8	175.2
45°	2626.9	1328.3	336.2	250.4	200.7	177.6	164.0	159.2	157.5	158.6	160.4
47.5°	2877.3	1414.7	319.6	234.4	190.6	168.1	154.5	148.6	145.6	145.6	145.6
50°	3120.0	1512.4	308.4	217.8	183.5	159.2	144.4	138.5	133.8	132.6	132.0
52.5°	3360.3	1608.3	299.5	201.3	175.2	148.0	135.0	128.4	123.1	120.8	119.6
55°	3579.4	1699.4	284.1	185.3	164.6	136.1	125.5	119.0	112.5	108.3	106.5
57.5°	3789.5	1775.2	255.7	168.7	148.0	124.9	115.4	108.3	100.6	95.3	92.9
60°	3980.7	1814.2	220.2	150.9	131.4	113.1	104.2	97.7	87.6	78.7	76.4
62.5°	4126.3	1798.9	181.7	130.8	114.2	102.4	91.2	84.6	72.8	62.2	58.0
65°	4275.5	1714.8	145.0	109.5	100.0	88.2	76.4	69.8	56.2	45.0	42.0
67.5°	4469.0	1535.4	114.2	91.2	86.4	69.8	59.8	55.6	46.2	35.5	33.1
70°	4593.3	1192.7	88.8	74.0	71.0	50.9	46.2	45.6	36.7	27.2	24.3
72.5°	*4252.4*	*781.9*	*68.1*	*56.2*	*50.9*	*33.1*	*35.5*	*35.5*	*26.6*	*18.3*	*16.0*
75°	3549.8	457.6	49.1	40.3	29.0	21.3	24.3	24.3	16.6	8.9	7.1
77.5°	2535.2	243.9	32.6	24.9	14.8	9.5	13.0	12.4	5.3	0.6	0.0
80°	969.6	84.1	15.4	10.1	4.1	1.8	1.2	0.6	0.6	0.0	0.0
82.5°	148.0	21.9	3.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	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)