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: P1201878

Luminaire Tested: GWC-SB1C-735-U-SL3-HSS

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:	P1201878
	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-SB1C-735-U-SL3-HSS
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 615mA 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:	6063 lumens
Efficiency:	N/A
Efficacy:	111.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

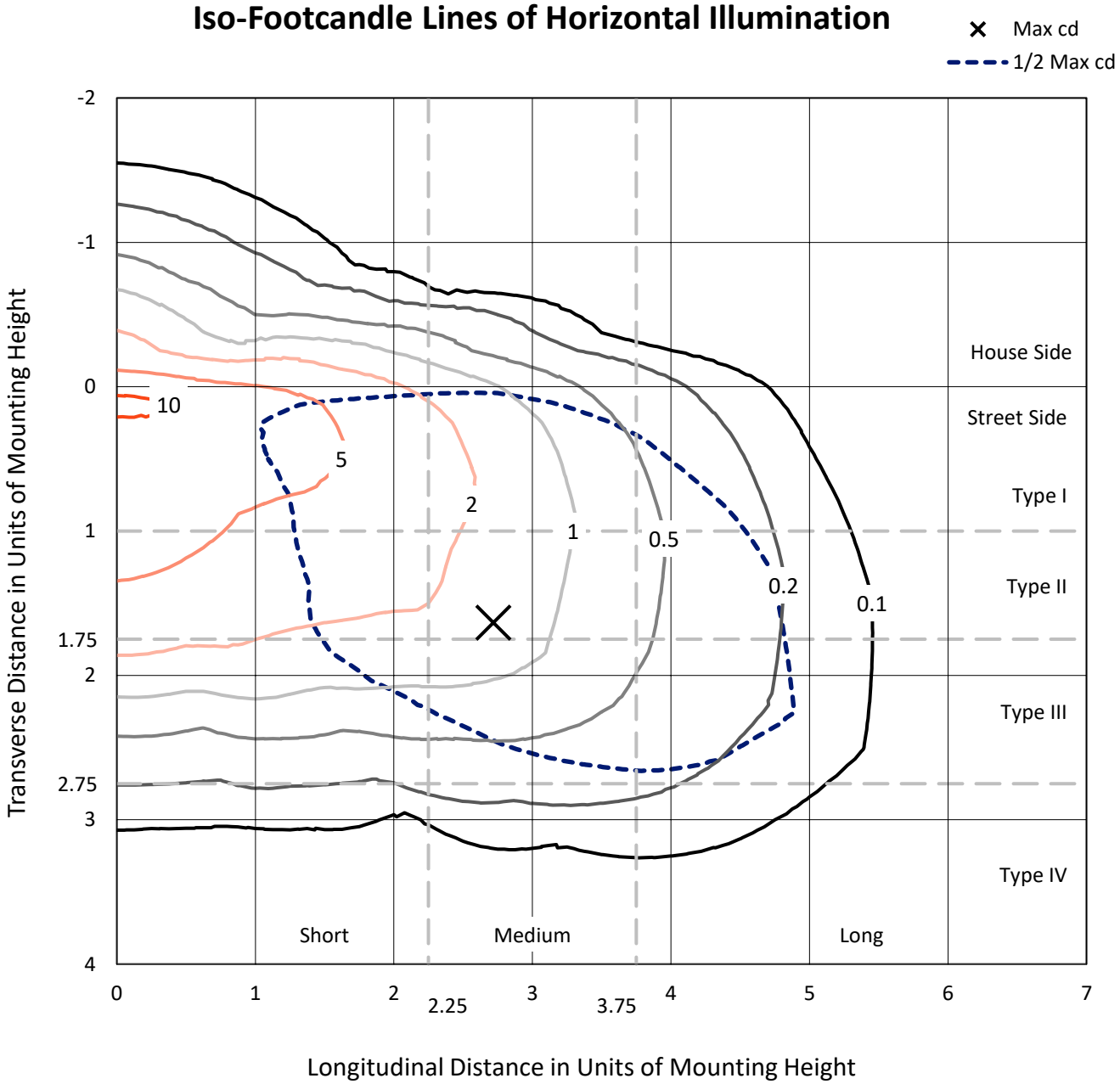


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Iso-Footcandle Lines of Horizontal Illumination



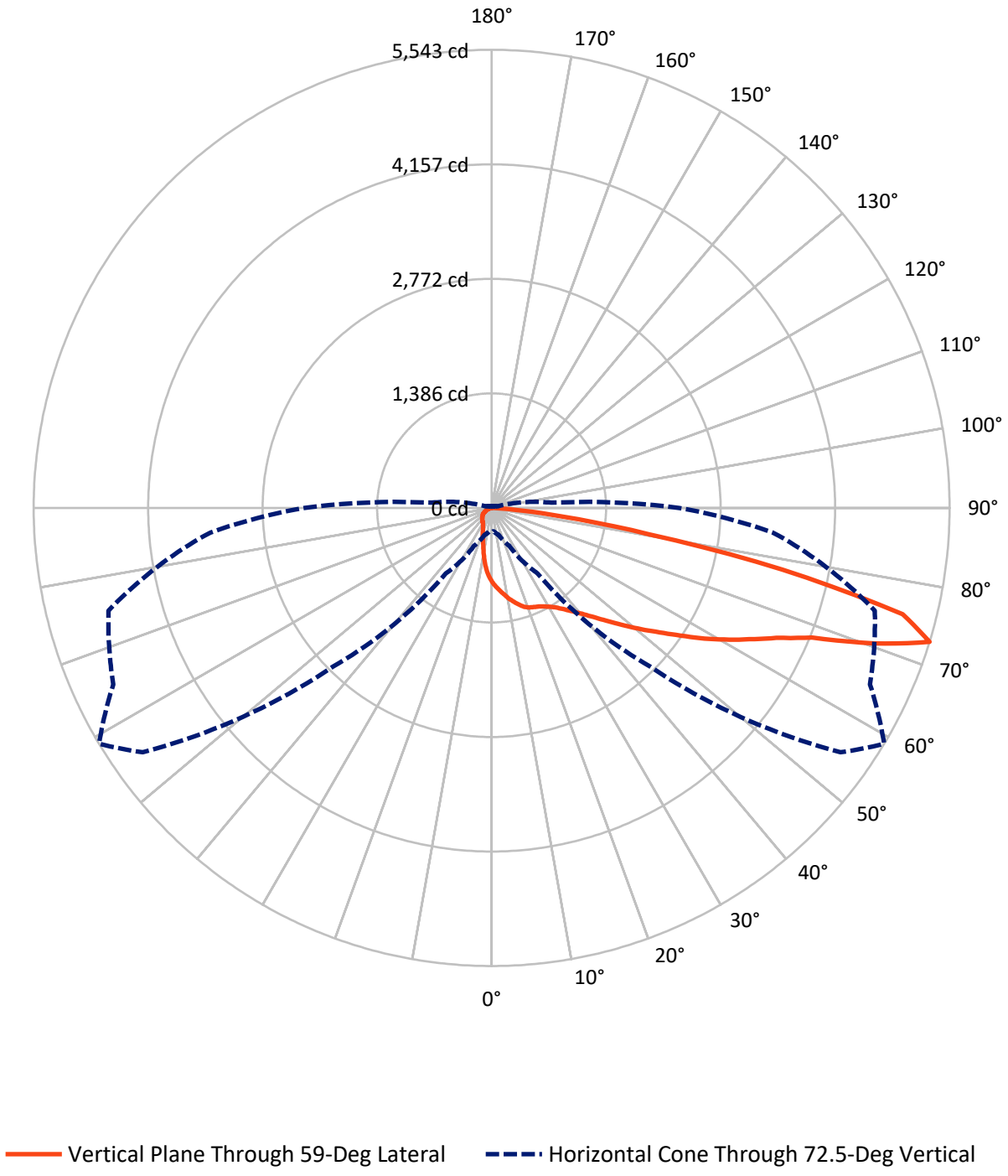
Based on 10 foot mounting height. Maximum calculated value = 11.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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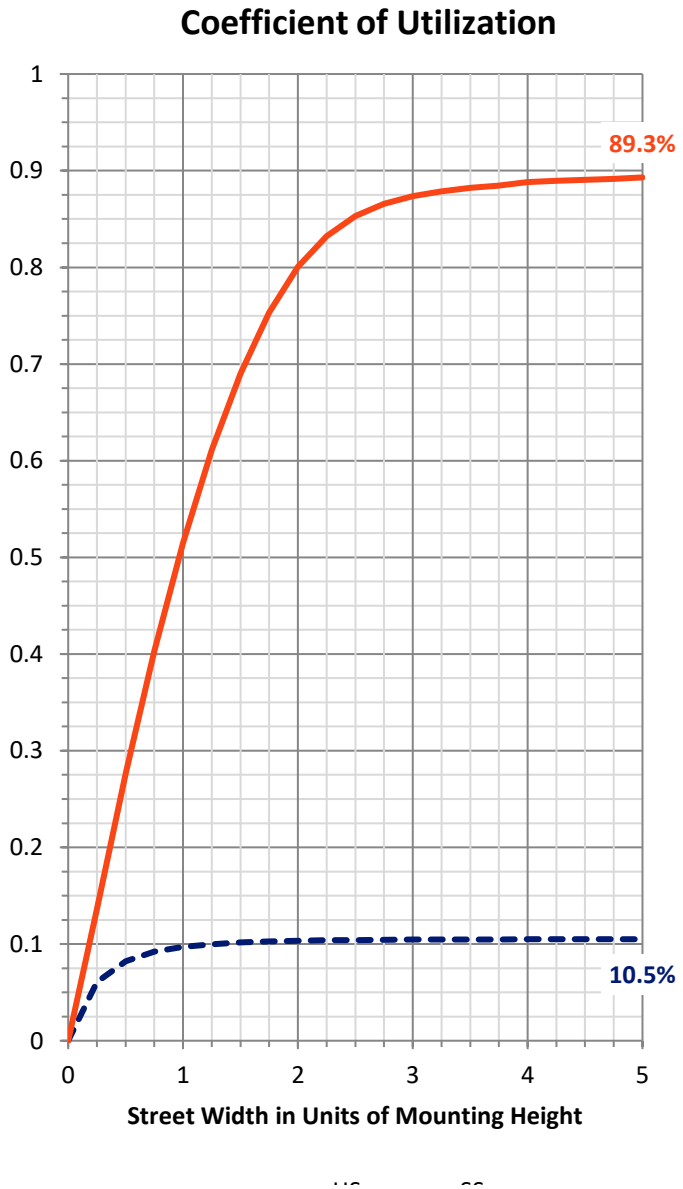
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	640.4	0.0	640.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	5422.6	0.0	5422.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	6063.0	0.0	6063.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.1	1.3
10°-20°	215.5	3.6
20°-30°	341.5	5.6
30°-40°	548.0	9.0
40°-50°	875.2	14.4
50°-60°	1267.2	20.9
60°-70°	1503.9	24.8
70°-80°	1116.4	18.4
80°-90°	114.1	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°	6063.0	100.0
0°-180°	6063.0	100.0



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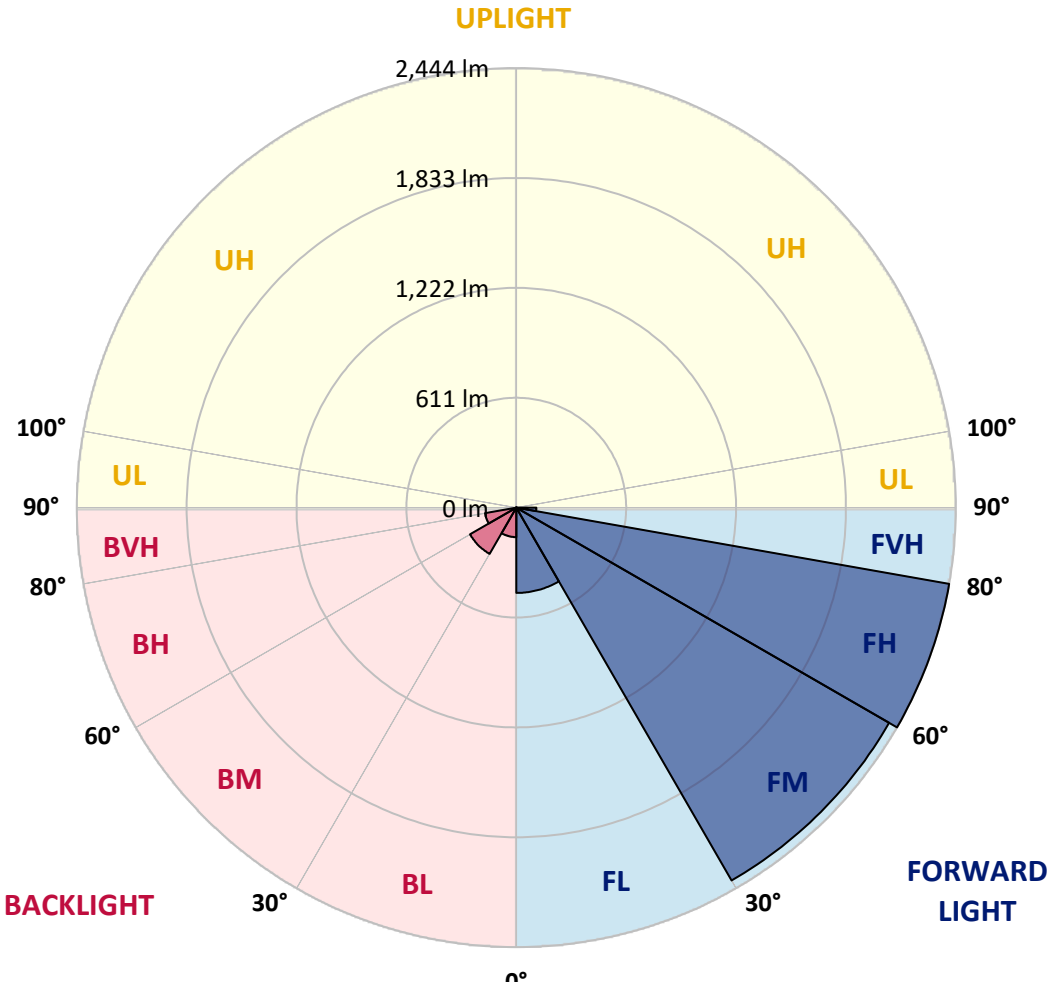
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	474.0	7.8			
FM	(30°-60°)	2393.6	39.5			
FH	(60°-80°)	2443.7	40.3			G2/5000
FVH	(80°-90°)	111.3	1.8			G2/225
BL	(0°-30°)	164.0	2.7	B1/500		
BM	(30°-60°)	296.9	4.9	B1/1000		
BH	(60°-80°)	176.6	2.9	B1/500		G1/500
BVH	(80°-90°)	2.8	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°	85°
0°	896.6	896.6	896.6	896.6	896.6	896.6	896.6	*896.6*	896.6	896.6	896.6
2.5°	994.7	989.2	990.0	980.5	973.8	966.6	952.8	*950.8*	940.9	923.5	905.7
5°	1081.4	1077.9	1074.7	1064.0	1050.2	1032.7	1009.4	*1001.1*	982.9	952.8	917.9
7.5°	1144.8	1140.4	1142.0	1131.3	1120.2	1100.8	1068.8	*1053.3*	1029.2	983.3	930.6
10°	1157.0	1154.7	1165.0	1168.9	1168.9	1156.6	1125.4	*1109.9*	1074.7	1016.1	943.7
12.5°	1088.2	1088.6	1114.3	1145.2	1185.5	1197.0	1176.0	*1159.4*	1124.6	1051.0	960.3
15°	1007.8	1008.2	1033.1	1072.7	1138.8	1204.9	1221.6	*1210.9*	1174.8	1088.6	979.7
17.5°	959.5	957.5	974.2	1006.6	1075.9	1168.9	1249.3	*1256.4*	1227.1	1130.1	1001.1
20°	952.8	949.2	957.9	974.2	1023.6	1123.8	1252.4	*1286.1*	1280.9	1177.2	1025.6
22.5°	993.9	988.4	983.7	984.4	1005.4	1086.2	1244.5	*1302.7*	1336.3	1233.8	1059.3
25°	1075.5	1066.8	1051.3	1031.6	1027.2	1078.3	1239.0	*1320.9*	1387.8	1306.3	1103.6
27.5°	1175.2	1163.0	1133.3	1103.6	1078.3	1100.4	1250.5	*1349.8*	1446.0	1390.6	1155.1
30°	1284.9	1269.8	1240.2	1184.0	1143.6	1149.9	1277.8	*1387.8*	1520.4	1486.0	1219.6
32.5°	1446.0	1411.2	1359.3	1273.4	1220.0	1203.3	1318.9	*1436.1*	1612.6	1613.0	1313.0
35°	1584.1	1564.7	1512.5	1405.6	1296.0	1274.2	1373.2	*1504.2*	1740.5	1781.3	1443.6
37.5°	1674.8	1648.3	1602.4	1522.0	1413.9	1347.0	1445.6	*1587.7*	1875.9	1972.9	1604.7
40°	1776.1	1750.0	1689.0	1613.4	1550.9	1472.1	1537.0	*1683.9*	2024.3	2169.6	1788.8
42.5°	1898.4	1864.4	1792.4	1710.8	1645.5	1636.8	1656.6	*1803.8*	2176.7	2383.3	1980.4
45°	2042.1	2010.1	1927.3	1824.4	1767.0	1751.6	1807.0	*1943.6*	2346.5	2617.7	2173.9
47.5°	2176.7	2139.5	2050.4	1956.6	1892.9	1844.2	1966.9	*2108.6*	2538.9	2862.7	2356.8
50°	2291.1	2253.1	2171.6	2071.4	2028.3	1964.5	2124.1	*2292.7*	2729.7	3111.7	2523.9
52.5°	2369.5	2335.8	2240.0	2172.0	2142.7	2110.6	2308.1	*2487.8*	2919.7	3339.7	2688.9
55°	2351.7	2321.6	2237.3	2232.5	2230.5	2264.2	2528.2	*2709.1*	3113.3	3555.4	2853.2
57.5°	2295.1	2261.0	2155.7	2228.2	2298.2	2401.2	2766.5	*2970.8*	3325.4	3758.9	3011.5
60°	2128.4	2116.5	2052.4	2219.9	2326.7	2535.3	3038.8	*3233.6*	3555.0	3937.8	3152.1
62.5°	1775.7	1786.0	1785.6	2237.3	2378.2	2688.1	3286.2	*3499.6*	3779.5	4110.0	3277.1
65°	1329.6	1365.2	1410.8	2080.5	2447.1	2960.9	3581.9	*3788.2*	4007.5	4310.3	3404.2
67.5°	893.4	921.9	952.8	1706.9	2242.0	3247.5	4073.2	*4183.6*	4280.6	4532.3	3547.1
70°	511.4	520.5	563.7	1066.0	1728.2	3168.3	4873.2	*4913.1*	4687.9	4805.9	3651.2
72.5°	*286.6*	*283.4*	*340.4*	*505.9*	*965.8*	*2713.1*	*5153.4*	*5543.3*	*5052.5*	*4801.5*	*3418.9*
75°	191.6	192.0	234.3	319.0	376.4	1899.2	4440.9	*5140.0*	4834.0	4257.6	2793.4
77.5°	130.6	135.0	172.2	246.6	174.2	926.7	2937.9	*3600.5*	3913.7	3287.8	1928.5
80°	56.6	57.0	113.6	176.9	117.6	294.9	1523.2	*1928.9*	2454.6	1846.2	764.0
82.5°	29.3	33.3	72.4	114.4	74.0	103.3	719.6	*842.7*	1030.0	541.9	156.8
85°	10.3	12.3	44.7	56.2	37.2	36.8	250.6	*255.3*	218.1	81.5	43.1
87.5°	0.0	2.0	17.4	13.9	4.8	4.4	29.7	*24.9*	19.8	11.5	14.3
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°	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6	896.6
2.5°	897.4	886.7	869.3	847.9	822.9	809.5	790.1	778.2	767.5	767.9	776.6
5°	898.6	880.7	836.4	789.3	737.1	698.7	655.9	625.8	602.9	597.3	605.6
7.5°	902.1	872.0	799.6	721.2	634.1	569.6	510.6	473.4	452.4	446.9	452.4
10°	906.9	862.5	758.0	638.1	530.0	452.4	403.4	379.6	370.1	363.0	367.3
12.5°	910.8	852.6	705.8	552.2	437.4	376.8	339.6	319.8	311.5	306.4	309.1
15°	917.6	839.6	649.2	472.2	374.9	325.4	290.1	275.5	273.1	273.9	275.1
17.5°	924.3	826.9	585.8	409.7	328.9	280.3	258.9	256.5	259.7	262.8	264.0
20°	931.8	808.7	521.7	362.6	286.6	249.0	243.4	245.0	246.6	252.1	253.7
22.5°	942.9	785.7	465.5	322.6	251.4	233.9	231.2	232.4	233.5	239.1	240.7
25°	958.7	761.2	420.0	285.8	229.2	221.7	218.9	218.9	220.5	225.6	227.6
27.5°	975.3	726.4	383.2	251.8	216.1	208.2	203.5	203.5	205.4	211.4	213.8
30°	993.9	694.7	354.3	226.4	205.0	194.8	188.4	186.8	189.2	196.7	198.7
32.5°	1027.6	674.1	333.7	214.5	195.1	182.5	173.8	169.4	171.8	180.5	182.9
35°	1078.7	669.4	319.4	208.6	185.6	171.4	159.1	152.4	154.4	163.5	166.3
37.5°	1138.4	679.3	305.6	200.7	176.5	160.7	144.5	135.8	138.9	147.3	149.6
40°	1224.3	720.4	294.9	194.8	167.4	148.0	129.8	121.1	126.3	133.4	134.6
42.5°	1328.0	793.7	292.1	189.2	156.4	134.6	116.4	110.0	114.0	120.7	121.9
45°	1456.7	887.1	304.8	182.1	144.1	121.5	105.7	102.1	103.3	110.0	113.2
47.5°	1594.8	982.9	339.6	175.8	133.4	110.8	97.4	94.2	93.4	99.8	103.7
50°	1734.6	1068.0	380.8	171.0	125.9	102.1	91.0	87.1	85.1	89.1	90.6
52.5°	1872.7	1135.7	407.7	163.1	118.4	93.4	85.5	79.6	76.0	78.0	79.6
55°	2012.8	1195.0	409.3	151.2	111.2	87.9	80.0	73.2	68.9	68.9	69.7
57.5°	2143.9	1247.3	385.9	135.4	101.3	82.7	72.4	66.9	62.1	60.6	61.0
60°	2259.8	1286.1	347.2	117.6	92.6	76.0	64.9	60.6	54.6	51.5	50.7
62.5°	2363.2	1305.1	294.1	99.4	81.9	68.1	57.8	53.0	45.1	41.2	40.8
65°	2450.6	1285.7	238.7	82.3	72.8	59.4	49.5	44.7	36.0	31.3	31.3
67.5°	2537.3	1197.0	180.5	69.3	63.3	49.9	40.8	36.4	30.1	26.1	26.1
70°	2548.4	1010.6	126.3	58.2	52.6	38.4	32.9	30.1	24.5	21.0	20.6
72.5°	*2268.5*	*727.2*	*76.8*	*47.5*	*41.2*	*27.3*	*26.1*	*23.8*	*18.2*	*15.8*	*15.4*
75°	1813.3	445.7	45.1	35.6	27.3	19.4	19.4	17.0	12.3	10.3	10.3
77.5°	1253.2	233.1	26.5	23.0	16.2	11.5	12.7	10.3	5.9	4.8	4.8
80°	501.9	88.7	14.3	10.7	7.5	5.1	4.4	2.4	1.2	0.8	1.2
82.5°	100.1	23.4	4.8	2.8	2.8	1.2	0.0	0.0	0.0	0.0	0.0
85°	25.7	5.1	1.2	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	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)