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: P1201503

Luminaire Tested: GWC-SB1B-735-U-SL2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201503
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-735-U-SL2
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5627 lumens
Efficiency:	N/A
Efficacy:	141.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

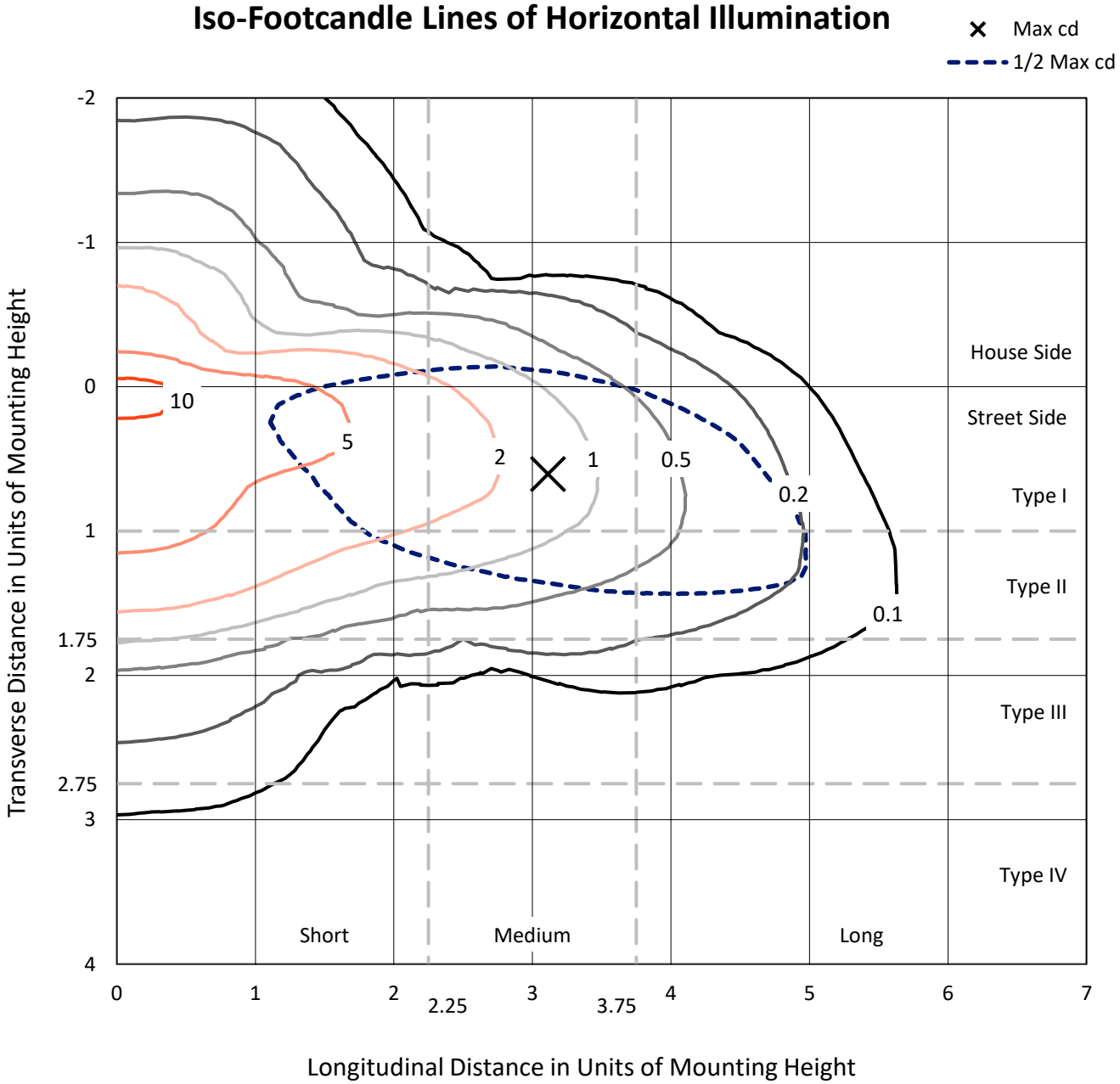


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Iso-Footcandle Lines of Horizontal Illumination



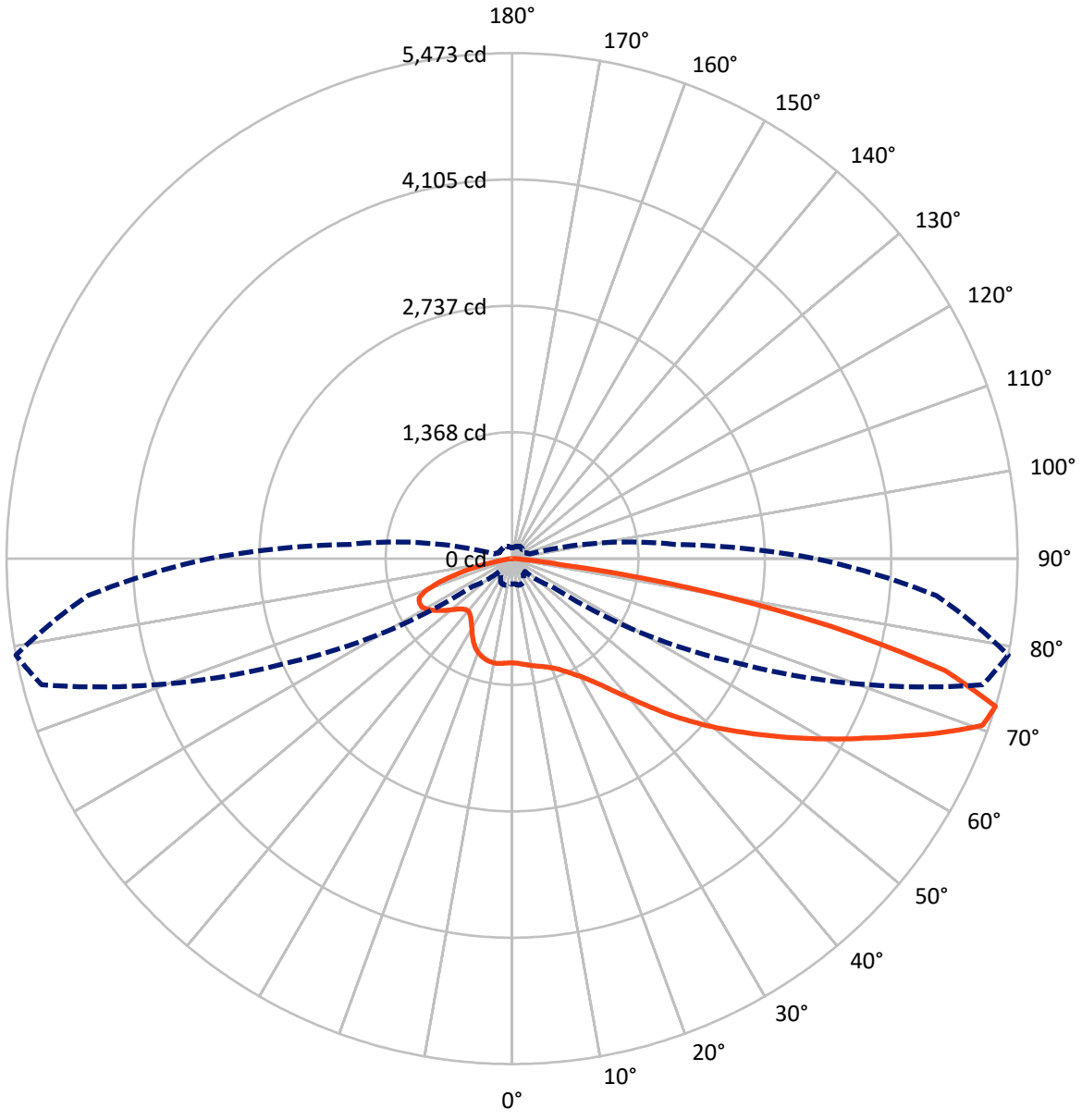
Based on 10 foot mounting height. Maximum calculated value = 11.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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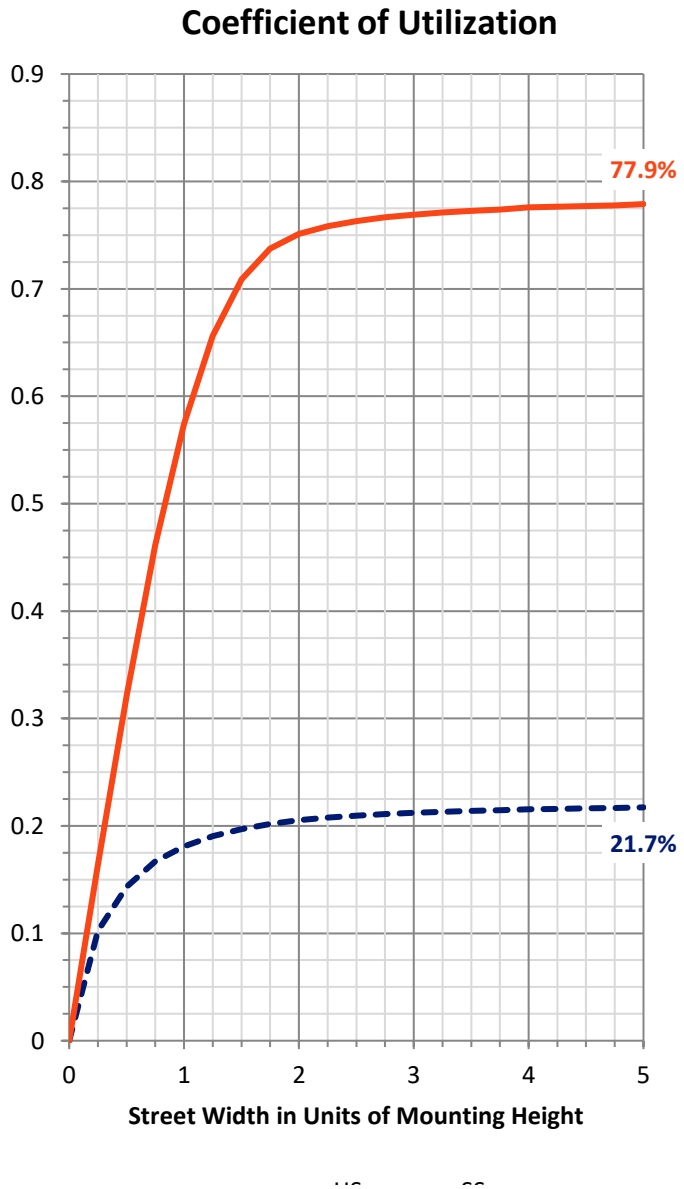
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1238.2	0.0	1238.2
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	4388.7	0.0	4388.7
	% Fixture	78.0	0.0	78.0
Total	Lumens	5627.0	0.0	5627.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.5	1.8
10°-20°	268.1	4.8
20°-30°	432.6	7.7
30°-40°	649.2	11.5
40°-50°	920.9	16.4
50°-60°	1163.0	20.7
60°-70°	1181.2	21.0
70°-80°	805.0	14.3
80°-90°	104.4	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°	5627.0	100.0
0°-180°	5627.0	100.0



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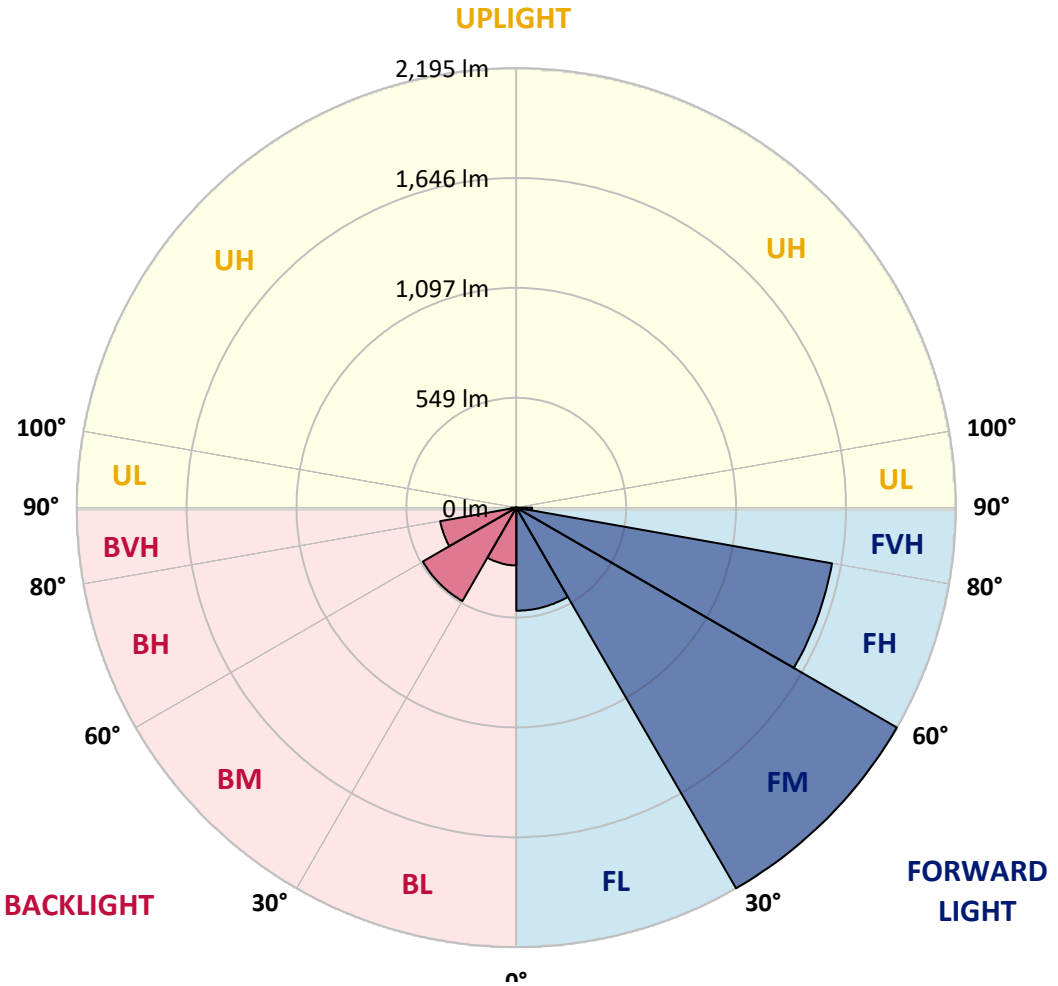
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	514.7	9.1			
FM	(30°-60°)	2194.6	39.0			
FH	(60°-80°)	1600.7	28.4			G1/1800
FVH	(80°-90°)	78.7	1.4			G1/100
BL	(0°-30°)	288.4	5.1	B1/500		
BM	(30°-60°)	538.5	9.6	B1/1000		
BH	(60°-80°)	385.5	6.9	B1/500		G1/500
BVH	(80°-90°)	25.8	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-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	*1129.6*	1129.6
2.5°	1130.2	1124.8	1128.1	1126.9	1128.4	1130.2	1130.8	1131.7	1134.6	*1134.3*	1134.0
5°	1127.8	1122.4	1126.9	1125.4	1129.3	1133.4	1137.0	1140.3	1145.0	*1147.1*	1144.2
7.5°	1122.7	1119.1	1123.6	1128.1	1135.2	1141.5	1146.5	1154.0	1160.8	*1162.0*	1164.1
10°	1093.3	1090.6	1101.0	1112.6	1132.2	1149.2	1160.2	1168.9	1176.3	*1177.5*	1180.5
12.5°	1062.6	1059.3	1070.9	1086.7	1118.6	1149.2	1172.4	1183.7	1190.3	*1194.2*	1198.6
15°	1057.5	1054.9	1061.4	1075.1	1101.6	1141.2	1180.8	1201.6	1207.3	*1211.7*	1213.5
17.5°	1081.9	1076.9	1079.6	1084.3	1099.8	1133.7	1187.3	1221.8	1230.5	*1235.2*	1235.2
20°	1138.5	1131.4	1127.2	1117.7	1115.0	1134.9	1186.7	1246.2	1257.6	*1263.5*	1265.0
22.5°	1213.8	1209.0	1200.1	1176.0	1149.8	1149.5	1198.0	1277.5	1298.6	*1304.3*	1300.7
25°	1304.9	1297.7	1286.4	1253.7	1203.4	1178.4	1217.1	1317.4	1352.8	*1354.3*	1343.9
27.5°	1409.7	1398.9	1383.5	1340.3	1272.4	1223.6	1246.2	1363.2	1415.0	*1414.4*	1393.0
30°	1520.1	1509.4	1493.0	1440.6	1355.2	1284.6	1286.7	1412.6	1488.8	*1485.6*	1448.9
32.5°	1600.7	1592.7	1589.4	1549.0	1450.4	1356.7	1333.2	1467.4	1579.9	*1576.9*	1525.7
35°	1662.7	1652.2	1656.1	1635.6	1554.3	1437.3	1390.0	1532.6	1690.6	*1690.3*	1626.6
37.5°	1724.0	1714.7	1718.0	1704.3	1650.4	1539.7	1459.4	1612.3	1827.8	*1834.4*	1748.7
40°	1779.9	1770.1	1783.2	1770.4	1725.2	1648.7	1538.2	1702.5	1986.8	*1999.3*	1896.3
42.5°	1813.6	1805.8	1827.5	1827.8	1790.0	1740.6	1624.8	1801.9	2170.7	*2198.7*	2077.9
45°	1825.2	1822.5	1855.2	1862.1	1847.5	1793.9	1702.8	1910.3	2369.0	*2419.0*	2284.7
47.5°	1812.7	1807.6	1852.8	1878.1	1889.8	1818.9	1767.4	2027.6	2571.4	*2644.6*	2510.3
50°	1749.6	1739.7	1807.0	1860.3	1901.7	1835.3	1832.6	2163.0	2801.4	*2881.5*	2737.2
52.5°	1636.2	1628.7	1705.2	1797.8	1875.5	1843.3	1905.8	2310.9	3019.9	*3123.5*	2969.6
55°	1491.2	1481.4	1565.6	1686.5	1810.3	1840.6	1979.0	2476.4	3277.7	*3382.7*	3209.8
57.5°	1261.4	1241.8	1348.3	1491.2	1704.0	1837.4	2055.2	2641.0	3539.6	*3665.5*	3466.1
60°	926.3	897.1	1027.8	1197.1	1496.3	1805.5	2149.6	2825.6	3853.9	*3967.3*	3745.9
62.5°	539.3	522.4	607.8	765.8	1127.8	1618.0	2202.6	3040.2	4162.9	*4281.9*	4020.9
65°	418.8	414.0	421.5	433.7	627.7	1211.4	2039.2	3249.4	4555.8	*4639.1*	4307.5
67.5°	383.1	379.5	382.8	359.9	318.5	674.8	1613.2	3302.4	4976.6	*5027.2*	4558.4
70°	340.5	336.3	347.1	327.4	250.6	306.9	1042.4	3110.1	5311.5	*5406.4*	4749.2
72.5°	*277.4*	*272.6*	*297.6*	*288.7*	*211.0*	*197.0*	*523.6*	*2653.2*	*5276.4*	*5473.4*	*4612.6*
75°	213.1	210.4	240.2	247.6	172.0	155.1	251.2	1972.2	4643.3	*4841.8*	3975.4
77.5°	165.5	163.4	178.6	205.7	138.7	120.2	154.5	1251.0	3499.1	*3534.0*	2739.5
80°	124.1	118.2	132.2	159.2	108.0	87.8	104.8	729.5	2211.8	*2004.9*	1192.4
82.5°	77.7	74.7	86.3	106.3	76.2	60.4	68.2	403.0	886.4	*522.1*	230.1
85°	44.3	43.2	47.0	60.7	41.4	34.8	39.0	178.0	161.9	*111.3*	69.4
87.5°	17.9	17.3	21.4	27.1	15.2	12.8	13.7	42.9	35.7	*33.0*	22.9
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°	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6	1129.6
2.5°	1132.8	1132.8	1128.7	1122.1	1114.7	1109.9	1102.2	1100.1	1092.1	1089.7	1093.6
5°	1146.5	1144.2	1131.4	1112.9	1087.6	1064.4	1038.8	1022.7	1000.1	992.1	998.0
7.5°	1163.8	1157.2	1135.2	1094.7	1041.8	989.7	935.5	894.4	855.1	841.1	842.9
10°	1179.6	1170.3	1132.8	1062.0	970.3	880.1	793.8	733.4	687.6	668.8	673.0
12.5°	1195.3	1178.4	1117.1	1007.5	868.8	746.5	654.5	607.5	579.2	556.6	564.0
15°	1210.2	1186.4	1092.7	934.6	757.5	633.4	565.5	528.0	505.4	490.5	493.2
17.5°	1227.5	1193.3	1056.0	842.0	651.5	555.1	499.7	477.1	472.7	470.9	472.1
20°	1251.6	1199.5	1007.8	738.5	573.6	492.6	464.0	461.9	461.6	460.8	463.7
22.5°	1277.5	1207.0	944.1	644.4	507.2	453.6	448.6	444.4	441.7	441.4	444.7
25°	1308.2	1209.3	864.4	567.3	450.6	435.2	429.2	423.0	421.2	421.2	423.0
27.5°	1337.9	1201.3	771.5	500.3	418.8	418.2	410.5	408.4	408.1	409.0	411.3
30°	1367.7	1186.1	679.2	438.4	400.3	400.3	397.7	399.1	400.3	403.3	405.4
32.5°	1407.9	1170.0	602.1	392.6	384.3	381.3	384.0	386.9	388.1	392.0	395.3
35°	1466.8	1158.7	540.8	367.6	367.6	363.7	365.2	364.6	361.9	360.2	364.3
37.5°	1544.8	1158.1	490.2	356.0	353.6	353.0	353.3	349.4	339.0	326.5	326.8
40°	1638.5	1174.2	451.2	347.9	346.2	349.7	347.9	337.5	309.0	287.2	286.6
42.5°	1764.4	1220.1	426.2	338.1	343.5	347.9	340.8	304.8	285.4	270.9	270.3
45°	1912.7	1294.5	413.4	327.7	338.4	343.8	309.3	293.5	278.0	260.4	259.2
47.5°	2080.5	1388.2	410.5	317.9	327.1	330.4	295.9	288.7	271.2	252.1	250.6
50°	2263.3	1499.2	418.5	306.3	310.7	299.4	291.4	284.8	266.7	247.9	245.9
52.5°	2452.3	1621.6	434.6	290.5	294.4	281.9	289.6	284.0	264.0	238.7	236.9
55°	2638.0	1744.8	450.0	272.0	277.7	266.1	284.5	280.4	251.8	223.2	221.7
57.5°	2826.7	1867.4	465.2	255.7	261.6	250.9	276.5	270.9	238.1	208.9	208.4
60°	3022.9	1986.5	472.4	239.9	244.1	236.9	264.3	254.5	222.6	194.4	193.5
62.5°	3206.5	2085.6	460.8	224.1	226.8	223.8	248.2	235.1	207.2	178.0	177.7
65°	3390.8	2144.5	425.0	208.6	209.2	207.8	225.6	214.3	189.0	163.7	161.9
67.5°	3557.8	2177.6	368.2	192.0	190.5	189.9	204.5	191.7	171.4	149.4	147.6
70°	3593.2	2093.6	281.3	172.3	172.3	170.8	181.3	168.2	152.1	134.2	133.6
72.5°	*3281.8*	*1761.2*	*199.7*	*150.0*	*152.4*	*149.4*	*158.1*	*147.0*	*132.5*	*120.5*	*117.0*
75°	2646.4	1291.5	145.3	127.1	131.3	126.2	134.2	126.5	114.0	113.7	102.4
77.5°	1818.3	798.6	105.4	104.8	107.7	101.2	110.4	106.3	94.9	89.9	84.2
80°	776.0	318.5	76.8	81.0	81.0	75.0	85.7	86.9	77.1	74.7	74.7
82.5°	154.5	90.5	53.9	55.7	52.4	50.6	60.7	67.3	92.9	103.3	103.6
85°	46.4	33.3	32.4	30.4	26.8	27.1	35.7	67.6	83.3	47.6	41.1
87.5°	12.8	8.3	8.6	6.8	5.7	7.4	12.2	51.2	28.0	11.9	10.1
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)