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: P1202255

Luminaire Tested: GWC-SB1D-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202255
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1D-735-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10140 lumens
Efficiency:	N/A
Efficacy:	127.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

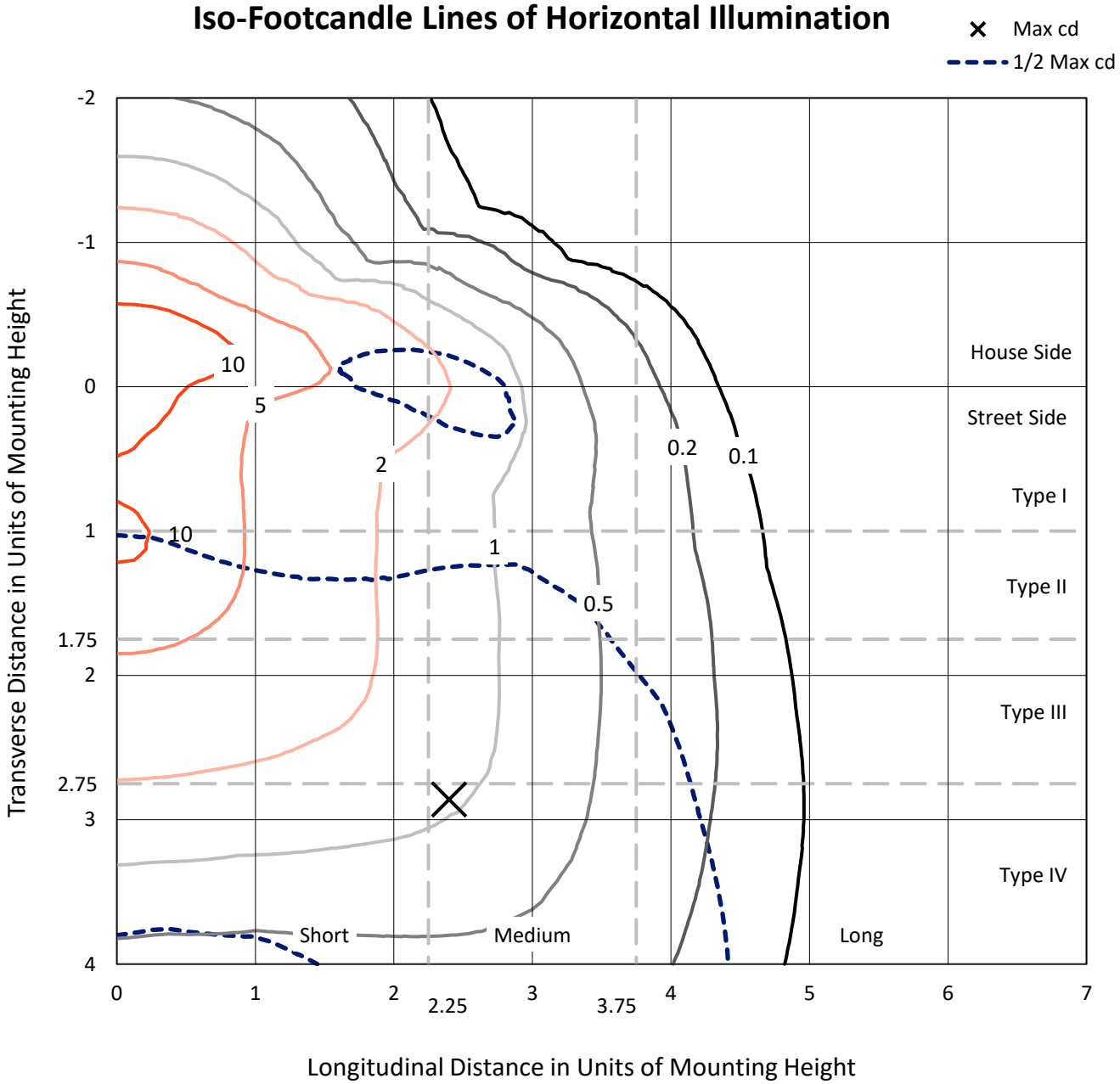


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Iso-Footcandle Lines of Horizontal Illumination



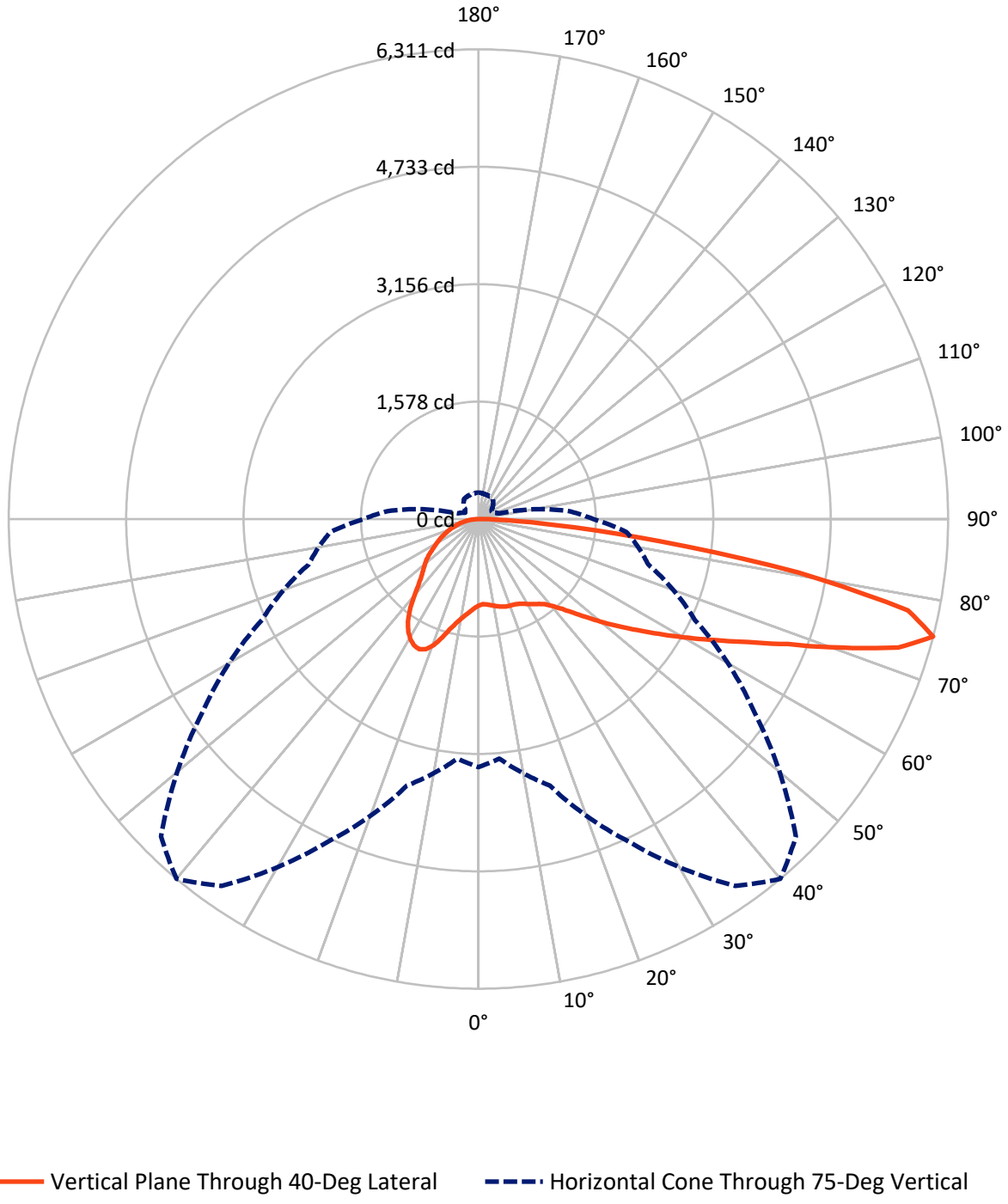
Based on 10 foot mounting height. Maximum calculated value = 15 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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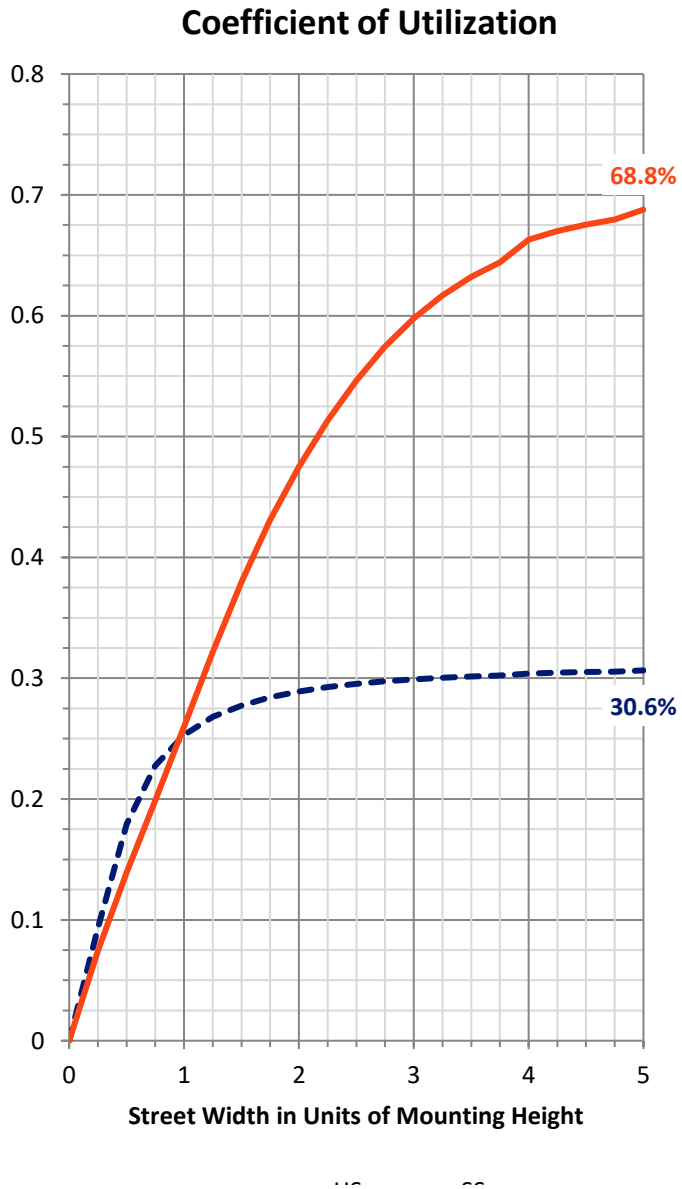
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3141.7	0.0	3141.7
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	6998.3	0.0	6998.3
	% Fixture	69.0	0.0	69.0
Total	Lumens	10140.0	0.0	10140.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.7	1.1
10°-20°	388.6	3.8
20°-30°	709.6	7.0
30°-40°	1006.3	9.9
40°-50°	1358.9	13.4
50°-60°	1828.0	18.0
60°-70°	2320.2	22.9
70°-80°	2105.7	20.8
80°-90°	306.9	3.0
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°	10140.0	100.0
0°-180°	10140.0	100.0



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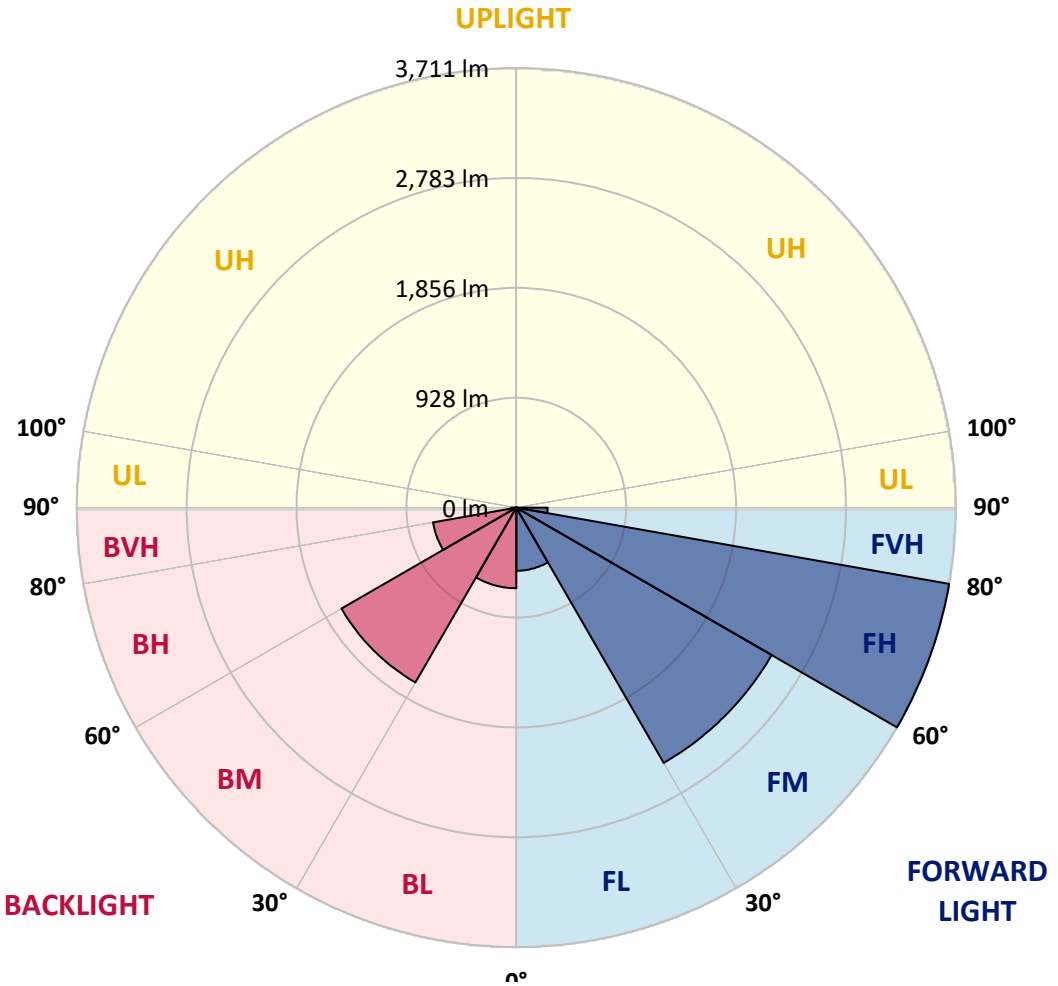
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	533.4	5.3			
FM	(30°-60°)	2489.1	24.5			
FH	(60°-80°)	3711.1	36.6			G2/5000
FVH	(80°-90°)	264.7	2.6			G3/500
BL	(0°-30°)	680.5	6.7	B2/1000		
BM	(30°-60°)	1704.1	16.8	B2/2500		
BH	(60°-80°)	714.8	7.0	B2/1000		G2/1000
BVH	(80°-90°)	42.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5
2.5°	1141.8	1148.2	1146.6	1144.5	1144.5	1145.0	1144.5	1148.2	1152.0	1155.8	1161.7
5°	1153.6	1160.1	1156.8	1154.1	1152.0	1151.5	1149.8	1149.3	1151.5	1156.3	1164.4
7.5°	1176.7	1183.2	1178.3	1173.5	1169.2	1167.1	1164.9	1161.7	1160.1	1162.7	1174.0
10°	1202.5	1209.0	1203.1	1194.5	1187.5	1184.8	1182.6	1179.4	1177.3	1178.9	1191.3
12.5°	1228.4	1234.8	1226.7	1214.9	1205.8	1204.2	1201.5	1200.4	1199.9	1199.3	1211.7
15°	1252.6	1257.9	1247.7	1233.7	1224.1	1221.4	1218.7	1220.3	1223.0	1226.2	1240.2
17.5°	1271.4	1276.8	1261.7	1243.4	1234.3	1233.2	1231.6	1237.0	1244.5	1252.6	1269.8
20°	1288.6	1294.0	1274.6	1249.9	1239.1	1239.1	1239.7	1251.0	1261.7	1273.5	1297.2
22.5°	1312.8	1317.1	1293.4	1259.6	1244.0	1245.0	1249.3	1260.6	1274.1	1290.2	1323.0
25°	1348.8	1352.1	1323.0	1277.8	1260.1	1263.3	1267.1	1272.5	1285.4	1304.2	1348.3
27.5°	1406.9	1409.6	1371.4	1310.1	1283.2	1288.6	1294.0	1290.2	1296.1	1312.3	1368.7
30°	1488.7	1490.3	1441.9	1360.7	1322.5	1325.2	1326.2	1310.6	1299.4	1312.3	1383.3
32.5°	1585.5	1584.9	1527.4	1422.0	1367.1	1364.4	1355.3	1324.6	1298.3	1309.6	1396.2
35°	1735.5	1729.6	1655.4	1508.0	1417.7	1401.0	1379.5	1340.2	1303.7	1306.9	1407.5
37.5°	1984.0	1965.7	1863.0	1648.9	1493.0	1450.5	1418.7	1365.5	1315.5	1305.8	1420.9
40°	2264.2	2241.1	2128.1	1842.0	1605.9	1537.6	1486.5	1401.5	1334.8	1310.6	1440.8
42.5°	2596.6	2563.7	2442.2	2069.5	1749.0	1650.0	1573.1	1447.3	1363.4	1326.2	1467.7
45°	3004.8	2961.2	2789.1	2326.0	1929.1	1797.4	1694.6	1516.6	1406.9	1356.4	1508.0
47.5°	3417.3	3428.0	3183.3	2619.7	2145.3	1979.1	1846.8	1621.0	1470.4	1404.8	1573.1
50°	3855.6	3863.1	3575.4	2945.1	2390.6	2184.6	2017.9	1737.7	1558.6	1473.6	1670.4
52.5°	4197.6	4198.7	3931.4	3285.5	2646.0	2410.5	2202.3	1871.0	1660.8	1565.0	1800.1
55°	4411.7	4409.0	4180.9	3607.6	2939.7	2647.6	2406.7	2022.7	1785.5	1672.6	1963.0
57.5°	4567.1	4559.0	4353.0	3884.6	3252.7	2927.8	2638.0	2194.8	1932.9	1800.6	2177.6
60°	4626.3	4621.4	4469.8	4123.9	3581.8	3237.6	2904.7	2387.3	2100.2	1951.7	2453.5
62.5°	4648.8	4658.0	4584.3	4355.7	3934.1	3580.8	3197.8	2617.5	2288.4	2122.7	2744.5
65°	4728.4	4745.1	4730.1	4659.1	4332.1	3982.5	3586.7	2891.3	2493.8	2306.1	3048.3
67.5°	4886.0	4902.7	4909.1	5022.1	4818.3	4483.2	4071.8	3232.2	2734.2	2496.5	3276.9
70°	4882.3	4877.4	4991.4	5310.9	5427.1	5176.4	4725.8	3651.7	3020.9	2654.6	3305.9
72.5°	4443.9	4405.2	4674.7	5307.7	5933.7	5900.3	5524.4	4192.8	3268.3	2674.0	2868.7
75°	3333.9	3230.6	3706.6	4783.3	6018.1	6311.2	6032.1	4528.4	3209.7	2362.6	1996.4
77.5°	1425.7	1321.9	1882.9	3541.0	5386.2	5899.8	5566.4	3950.8	2562.1	1562.3	980.4
80°	373.2	372.7	569.0	1605.4	3663.0	4356.8	3822.2	2551.4	1463.9	558.2	270.5
82.5°	154.4	150.6	209.2	624.4	1789.8	2444.9	1995.3	1138.0	528.7	151.1	89.8
85°	57.5	57.0	101.6	215.7	631.4	1008.4	729.8	291.0	131.8	73.7	40.3
87.5°	16.1	15.6	22.1	74.8	153.8	233.4	124.8	47.9	37.1	29.0	11.8
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°	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5	1159.5
2.5°	1163.3	1166.0	1170.8	1174.6	1179.4	1184.8	1192.3	1197.2	1202.0	1205.2	1203.1
5°	1168.1	1174.0	1186.4	1198.8	1213.3	1226.7	1242.3	1253.6	1262.8	1265.5	1266.5
7.5°	1178.9	1188.6	1209.5	1230.5	1253.6	1275.7	1298.3	1317.6	1333.2	1339.2	1339.7
10°	1197.7	1210.6	1240.2	1269.8	1300.4	1334.3	1363.4	1391.3	1413.4	1422.5	1423.1
12.5°	1221.4	1237.5	1276.2	1317.1	1359.6	1406.4	1444.0	1478.4	1505.9	1518.2	1518.2
15°	1252.0	1273.0	1322.5	1377.3	1439.7	1504.8	1552.7	1590.8	1621.5	1636.6	1635.5
17.5°	1285.4	1313.3	1375.7	1458.5	1547.8	1633.3	1689.3	1717.2	1749.0	1763.5	1762.9
20°	1317.6	1352.1	1441.3	1561.8	1680.7	1771.6	1816.7	1824.3	1826.4	1828.0	1832.3
22.5°	1351.0	1397.2	1523.6	1692.0	1819.4	1882.3	1888.8	1856.5	1811.4	1790.4	1796.3
25°	1387.6	1448.9	1631.2	1835.6	1938.8	1946.3	1896.9	1818.3	1732.8	1693.6	1699.5
27.5°	1423.1	1508.6	1760.3	1972.7	2024.9	1958.7	1852.2	1740.9	1637.6	1596.2	1601.1
30°	1458.5	1576.9	1902.8	2092.6	2064.1	1928.1	1781.8	1657.5	1553.7	1510.2	1515.0
32.5°	1494.6	1656.5	2066.8	2179.2	2057.1	1863.0	1694.1	1564.0	1472.5	1426.8	1432.7
35°	1535.5	1754.3	2222.2	2226.5	2010.3	1767.2	1578.5	1452.1	1372.5	1335.9	1344.0
37.5°	1588.7	1878.6	2359.4	2238.4	1928.6	1626.9	1434.9	1319.8	1254.2	1237.5	1249.3
40°	1654.8	2028.1	2464.3	2219.5	1807.6	1456.4	1277.8	1185.9	1148.8	1152.5	1165.4
42.5°	1740.9	2195.3	2537.9	2171.1	1639.3	1280.5	1140.2	1099.3	1117.0	1132.1	1146.1
45°	1852.8	2369.1	2583.6	2088.9	1448.9	1131.6	1059.0	1068.6	1082.1	1083.7	1094.4
47.5°	1995.8	2544.9	2613.8	1964.6	1254.7	1026.7	1007.3	1009.5	1006.8	995.5	1004.1
50°	2174.4	2716.0	2640.7	1800.1	1089.6	961.1	935.3	927.7	890.6	854.0	858.9
52.5°	2377.7	2873.0	2652.0	1595.7	961.1	906.2	864.3	816.9	747.6	736.3	740.0
55°	2603.5	3018.2	2622.9	1344.5	853.0	835.8	772.3	715.3	707.8	698.1	699.7
57.5°	2873.5	3174.7	2563.7	1064.3	742.2	753.5	691.6	698.1	684.6	669.6	666.9
60°	3168.8	3336.6	2460.0	808.9	627.6	650.8	670.7	670.1	666.3	654.0	649.7
62.5°	3434.5	3443.1	2255.6	619.6	527.1	571.2	625.5	624.9	621.7	614.7	612.0
65°	3592.6	3426.9	1914.6	487.8	444.2	505.5	564.2	568.5	569.0	568.5	568.5
67.5°	3564.6	3238.2	1446.7	388.3	375.9	438.9	503.4	509.3	513.6	514.7	515.8
70°	3248.4	2823.5	943.3	309.8	315.2	380.2	445.8	451.8	455.5	459.8	462.0
72.5°	2532.0	2076.0	540.0	250.6	261.9	329.7	388.8	395.8	398.0	406.0	409.3
75°	*1543.0*	*1220.8*	*291.5*	*197.4*	*215.1*	*281.8*	*332.4*	*340.4*	*344.2*	*353.9*	*355.0*
77.5°	733.6	528.7	166.2	153.8	173.2	230.2	280.7	289.9	279.7	285.0	280.7
80°	247.9	196.3	104.9	117.2	132.3	179.6	224.8	233.9	212.4	211.4	209.2
82.5°	86.6	79.6	66.7	78.0	85.5	128.5	169.9	181.8	158.1	157.6	150.0
85°	33.9	32.3	37.1	42.5	51.1	79.1	111.9	117.8	97.3	78.5	77.4
87.5°	7.0	7.5	9.1	9.7	15.6	27.4	40.3	49.5	39.3	33.3	30.7
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)