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: P1202629

Luminaire Tested: GWC-SB2A-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1202629
	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-SB2A-735-U-SL4
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8890 lumens
Efficiency:	N/A
Efficacy:	155.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B2 - U0 - G3

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

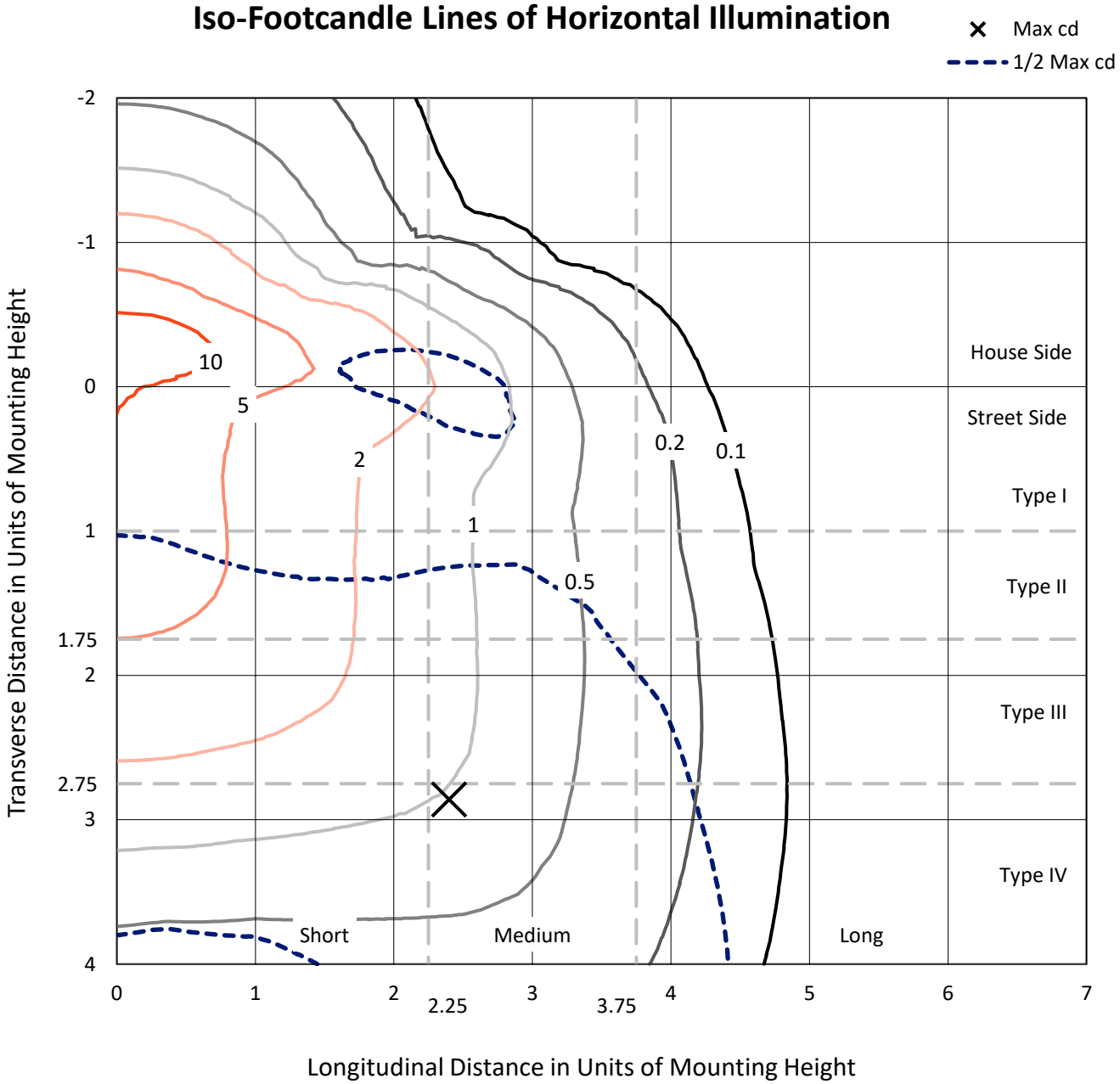


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CATALOG NUMBER: GWC-SB2A-735-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



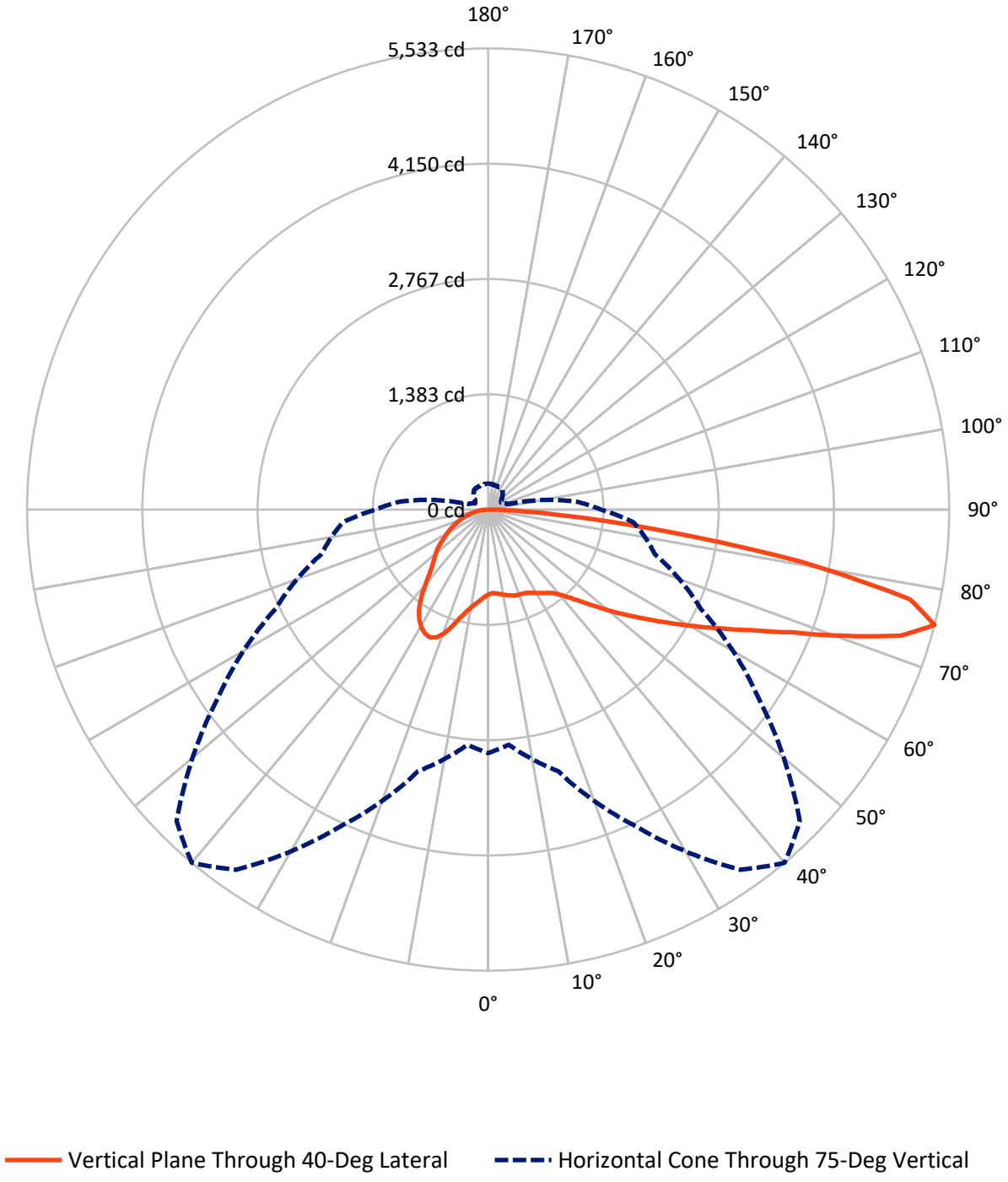
Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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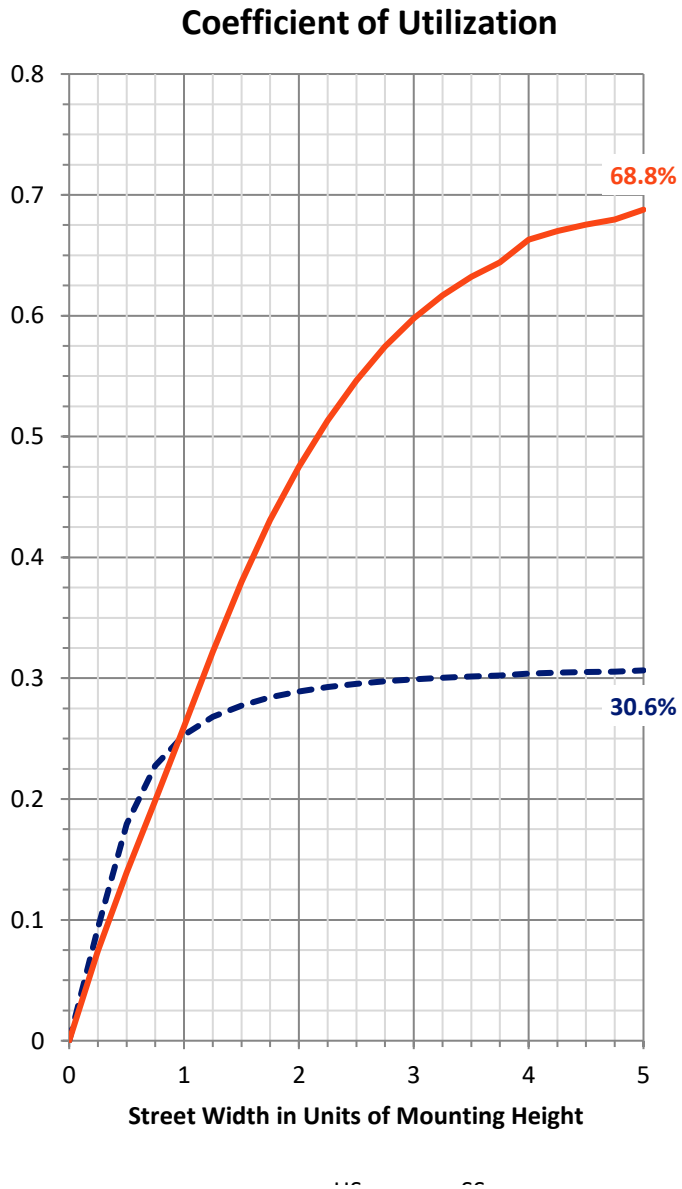
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2754.4	0.0	2754.4
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	6135.6	0.0	6135.6
	% Fixture	69.0	0.0	69.0
Total	Lumens	8890.0	0.0	8890.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.5	1.1
10°-20°	340.7	3.8
20°-30°	622.1	7.0
30°-40°	882.3	9.9
40°-50°	1191.4	13.4
50°-60°	1602.7	18.0
60°-70°	2034.2	22.9
70°-80°	1846.1	20.8
80°-90°	269.1	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°	8890.0	100.0
0°-180°	8890.0	100.0



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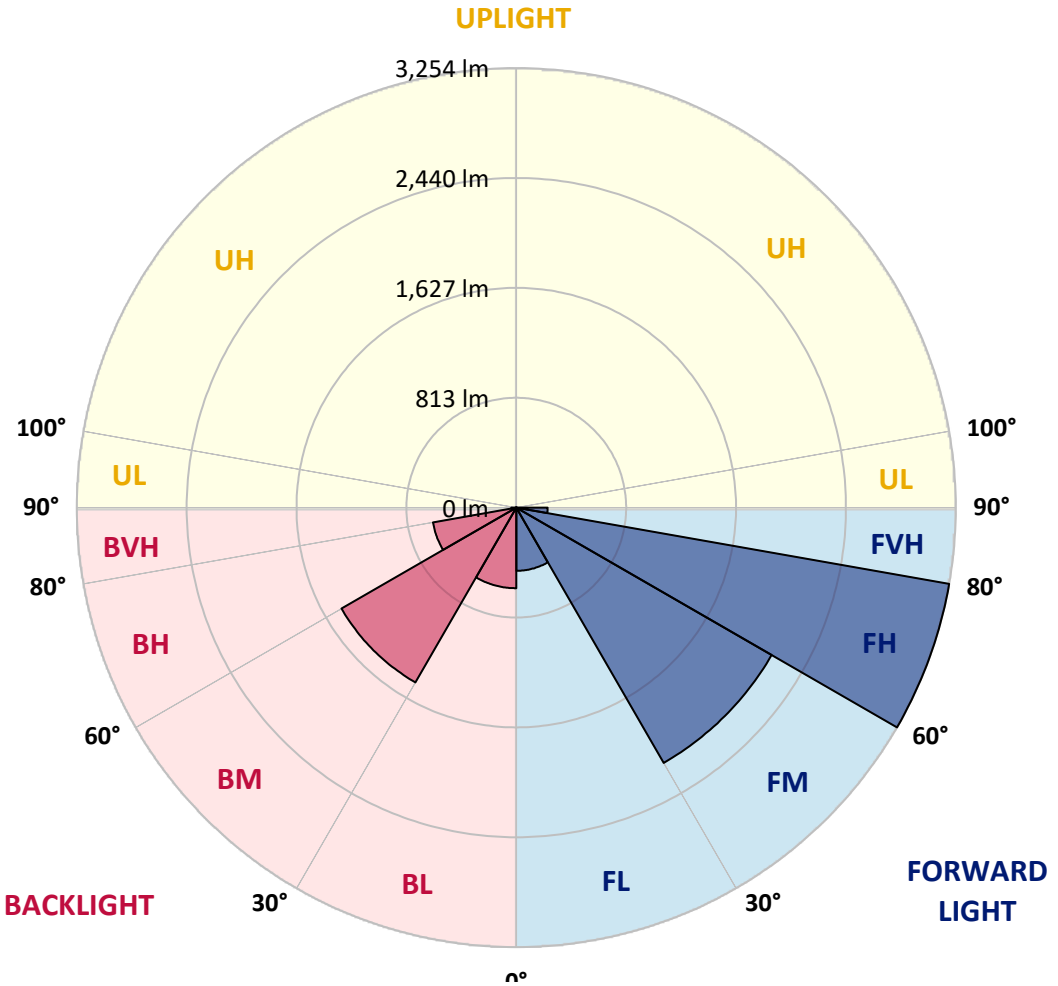
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	467.6	5.3			
FM	(30°-60°)	2182.3	24.5			
FH	(60°-80°)	3253.6	36.6			G2/5000
FVH	(80°-90°)	232.1	2.6			G3/500
BL	(0°-30°)	596.6	6.7	B2/1000		
BM	(30°-60°)	1494.0	16.8	B2/2500		
BH	(60°-80°)	626.7	7.0	B2/1000		G2/1000
BVH	(80°-90°)	37.1	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°	1016.6	1016.6	1016.6	1016.6	1016.6	*1016.6*	1016.6	1016.6	1016.6	1016.6	1016.6
2.5°	1001.0	1006.7	1005.3	1003.4	1003.4	*1003.9*	1003.4	1006.7	1010.0	1013.3	1018.5
5°	1011.4	1017.1	1014.2	1011.9	1010.0	*1009.5*	1008.1	1007.6	1009.5	1013.8	1020.8
7.5°	1031.7	1037.3	1033.1	1028.8	1025.1	*1023.2*	1021.3	1018.5	1017.1	1019.4	1029.3
10°	1054.3	1060.0	1054.8	1047.2	1041.1	*1038.7*	1036.9	1034.0	1032.1	1033.6	1044.4
12.5°	1076.9	1082.6	1075.5	1065.1	1057.1	*1055.7*	1053.4	1052.4	1051.9	1051.5	1062.3
15°	1098.2	1102.9	1093.9	1081.7	1073.2	*1070.8*	1068.4	1069.9	1072.2	1075.1	1087.3
17.5°	1114.7	1119.4	1106.2	1090.1	1082.1	*1081.2*	1079.8	1084.5	1091.1	1098.2	1113.2
20°	1129.7	1134.5	1117.5	1095.8	1086.4	*1086.4*	1086.8	1096.7	1106.2	1116.5	1137.3
22.5°	1151.0	1154.7	1134.0	1104.3	1090.6	*1091.6*	1095.3	1105.2	1117.0	1131.2	1159.9
25°	1182.6	1185.4	1159.9	1120.3	1104.8	*1107.6*	1110.9	1115.6	1126.9	1143.4	1182.1
27.5°	1233.5	1235.8	1202.4	1148.6	1125.0	*1129.7*	1134.5	1131.2	1136.3	1150.5	1200.0
30°	1305.1	1306.6	1264.1	1192.9	1159.5	*1161.8*	1162.8	1149.1	1139.2	1150.5	1212.7
32.5°	1390.0	1389.6	1339.1	1246.7	1198.6	*1196.2*	1188.2	1161.3	1138.2	1148.1	1224.0
35°	1521.6	1516.4	1451.3	1322.1	1242.9	*1228.3*	1209.4	1175.0	1142.9	1145.8	1234.0
37.5°	1739.4	1723.4	1633.3	1445.7	1308.9	*1271.7*	1243.9	1197.2	1153.3	1144.8	1245.7
40°	1985.1	1964.8	1865.8	1614.9	1407.9	*1348.1*	1303.3	1228.8	1170.3	1149.1	1263.2
42.5°	2276.5	2247.7	2141.1	1814.4	1533.4	*1446.6*	1379.2	1268.8	1195.3	1162.8	1286.8
45°	2634.3	2596.2	2445.3	2039.3	1691.3	*1575.8*	1485.7	1329.7	1233.5	1189.2	1322.1
47.5°	2996.0	3005.4	2790.9	2296.7	1880.9	*1735.2*	1619.2	1421.1	1289.1	1231.6	1379.2
50°	3380.3	3386.9	3134.6	2582.0	2095.9	*1915.3*	1769.1	1523.5	1366.4	1291.9	1464.5
52.5°	3680.2	3681.1	3446.8	2880.5	2319.8	*2113.3*	1930.8	1640.4	1456.0	1372.1	1578.2
55°	3867.8	3865.5	3665.5	3162.9	2577.3	*2321.3*	2110.0	1773.4	1565.4	1466.4	1721.0
57.5°	4004.1	3997.0	3816.4	3405.7	2851.7	*2566.9*	2312.8	1924.2	1694.6	1578.6	1909.2
60°	4056.0	4051.7	3918.7	3615.6	3140.3	*2838.5*	2546.6	2093.0	1841.3	1711.1	2151.0
62.5°	4075.8	4083.8	4019.2	3818.8	3449.1	*3139.3*	2803.6	2294.9	2006.3	1861.1	2406.1
65°	4145.5	4160.2	4147.0	4084.7	3798.0	*3491.6*	3144.5	2534.9	2186.4	2021.9	2672.5
67.5°	4283.7	4298.3	4304.0	4403.0	4224.3	*3930.5*	3569.8	2833.8	2397.2	2188.8	2872.9
70°	4280.4	4276.2	4376.1	4656.2	4758.0	*4538.3*	4143.2	3201.6	2648.5	2327.4	2898.4
72.5°	3896.1	3862.2	4098.4	4653.4	5202.2	*5173.0*	4843.4	3675.9	2865.4	2344.4	2515.1
75°	*2922.9*	*2832.4*	*3249.7*	*4193.6*	*5276.2*	*5533.2*	*5288.5*	*3970.1*	*2814.0*	*2071.4*	*1750.3*
77.5°	1250.0	1159.0	1650.8	3104.4	4722.2	*5172.5*	4880.2	3463.7	2246.3	1369.7	859.6
80°	327.2	326.8	498.9	1407.5	3211.5	*3819.7*	3351.0	2236.9	1283.5	489.4	237.2
82.5°	135.3	132.0	183.4	547.4	1569.2	*2143.5*	1749.3	997.7	463.5	132.5	78.7
85°	50.5	50.0	89.1	189.1	553.6	*884.1*	639.8	255.1	115.5	64.6	35.4
87.5°	14.1	13.7	19.3	65.5	134.9	*204.6*	109.4	42.0	32.5	25.5	10.4
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°	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6
2.5°	1019.9	1022.2	1026.5	1029.8	1034.0	1038.7	1045.3	1049.6	1053.8	1056.7	1054.8
5°	1024.1	1029.3	1040.2	1051.0	1063.7	1075.5	1089.2	1099.1	1107.1	1109.5	1110.4
7.5°	1033.6	1042.0	1060.4	1078.8	1099.1	1118.4	1138.2	1155.2	1168.9	1174.1	1174.5
10°	1050.1	1061.4	1087.3	1113.2	1140.1	1169.8	1195.3	1219.8	1239.1	1247.2	1247.6
12.5°	1070.8	1085.0	1118.9	1154.7	1192.0	1233.0	1266.0	1296.2	1320.2	1331.1	1331.1
15°	1097.7	1116.1	1159.5	1207.5	1262.2	1319.3	1361.3	1394.7	1421.6	1434.8	1433.9
17.5°	1126.9	1151.4	1206.1	1278.7	1357.0	1432.0	1481.0	1505.5	1533.4	1546.1	1545.6
20°	1155.2	1185.4	1263.7	1369.3	1473.5	1553.2	1592.8	1599.4	1601.3	1602.7	1606.4
22.5°	1184.4	1225.0	1335.8	1483.4	1595.1	1650.3	1656.0	1627.7	1588.1	1569.7	1574.9
25°	1216.5	1270.3	1430.1	1609.3	1699.8	1706.4	1663.0	1594.2	1519.2	1484.8	1490.0
27.5°	1247.6	1322.6	1543.3	1729.5	1775.2	1717.3	1623.9	1526.3	1435.8	1399.5	1403.7
30°	1278.7	1382.5	1668.2	1834.7	1809.7	1690.4	1562.1	1453.2	1362.2	1324.0	1328.3
32.5°	1310.3	1452.3	1812.0	1910.6	1803.5	1633.3	1485.3	1371.2	1291.0	1250.9	1256.1
35°	1346.2	1538.1	1948.3	1952.1	1762.5	1549.4	1383.9	1273.1	1203.3	1171.2	1178.3
37.5°	1392.9	1647.0	2068.5	1962.4	1690.8	1426.3	1258.0	1157.1	1099.6	1085.0	1095.3
40°	1450.8	1778.1	2160.5	1945.9	1584.8	1276.9	1120.3	1039.7	1007.2	1010.5	1021.8
42.5°	1526.3	1924.7	2225.1	1903.5	1437.2	1122.7	999.6	963.8	979.3	992.5	1004.8
45°	1624.4	2077.0	2265.2	1831.4	1270.3	992.1	928.4	936.9	948.7	950.1	959.5
47.5°	1749.8	2231.2	2291.6	1722.4	1100.0	900.1	883.1	885.0	882.7	872.8	880.3
50°	1906.3	2381.1	2315.1	1578.2	955.3	842.6	820.0	813.4	780.8	748.8	753.0
52.5°	2084.6	2518.8	2325.0	1399.0	842.6	794.5	757.7	716.2	655.4	645.5	648.8
55°	2282.6	2646.1	2299.6	1178.8	747.8	732.7	677.1	627.1	620.5	612.0	613.4
57.5°	2519.3	2783.3	2247.7	933.1	650.7	660.6	606.4	612.0	600.2	587.0	584.7
60°	2778.2	2925.3	2156.7	709.2	550.3	570.5	588.0	587.5	584.2	573.4	569.6
62.5°	3011.1	3018.6	1977.5	543.2	462.1	500.7	548.4	547.9	545.1	538.9	536.6
65°	3149.7	3004.5	1678.6	427.7	389.5	443.2	494.6	498.4	498.9	498.4	498.4
67.5°	3125.2	2839.0	1268.4	340.4	329.6	384.8	441.3	446.5	450.3	451.2	452.2
70°	2847.9	2475.4	827.0	271.6	276.3	333.4	390.9	396.1	399.4	403.1	405.0
72.5°	2219.9	1820.0	473.4	219.7	229.6	289.0	340.9	347.0	348.9	356.0	358.8
75°	*1352.8*	*1070.3*	*255.6*	*173.0*	*188.6*	*247.1*	*291.4*	*298.5*	*301.8*	*310.3*	*311.2*
77.5°	643.1	463.5	145.7	134.9	151.8	201.8	246.1	254.1	245.2	249.9	246.1
80°	217.4	172.1	91.9	102.8	116.0	157.5	197.1	205.1	186.2	185.3	183.4
82.5°	75.9	69.8	58.5	68.4	75.0	112.7	149.0	159.4	138.6	138.2	131.6
85°	29.7	28.3	32.5	37.2	44.8	69.3	98.1	103.3	85.3	68.8	67.9
87.5°	6.1	6.6	8.0	8.5	13.7	24.0	35.4	43.4	34.4	29.2	26.9
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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SS

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(END OF REPORT)