

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P945743

Luminaire Tested: **GALN-SB1C-835-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB1C-835-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6924 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

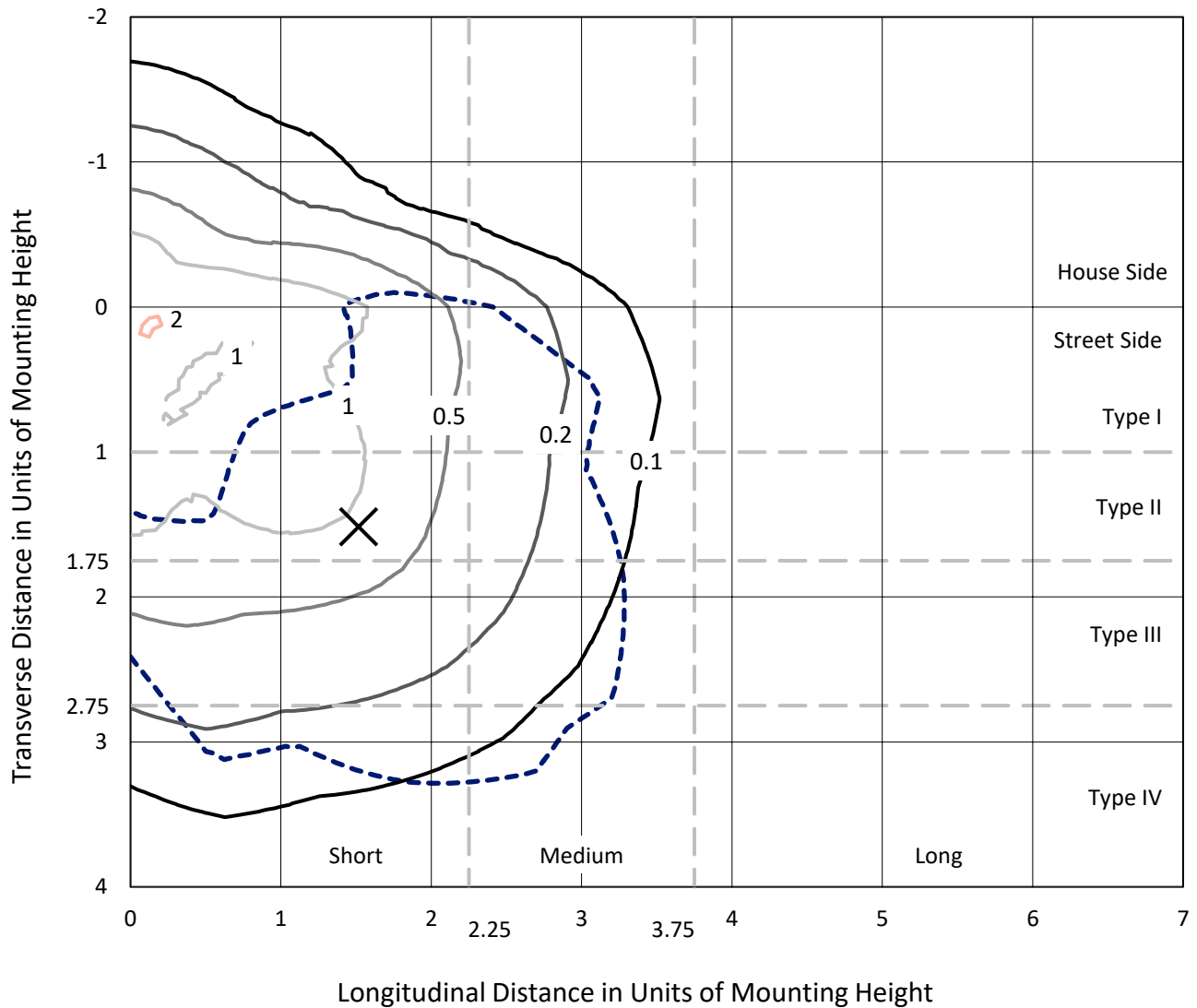
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

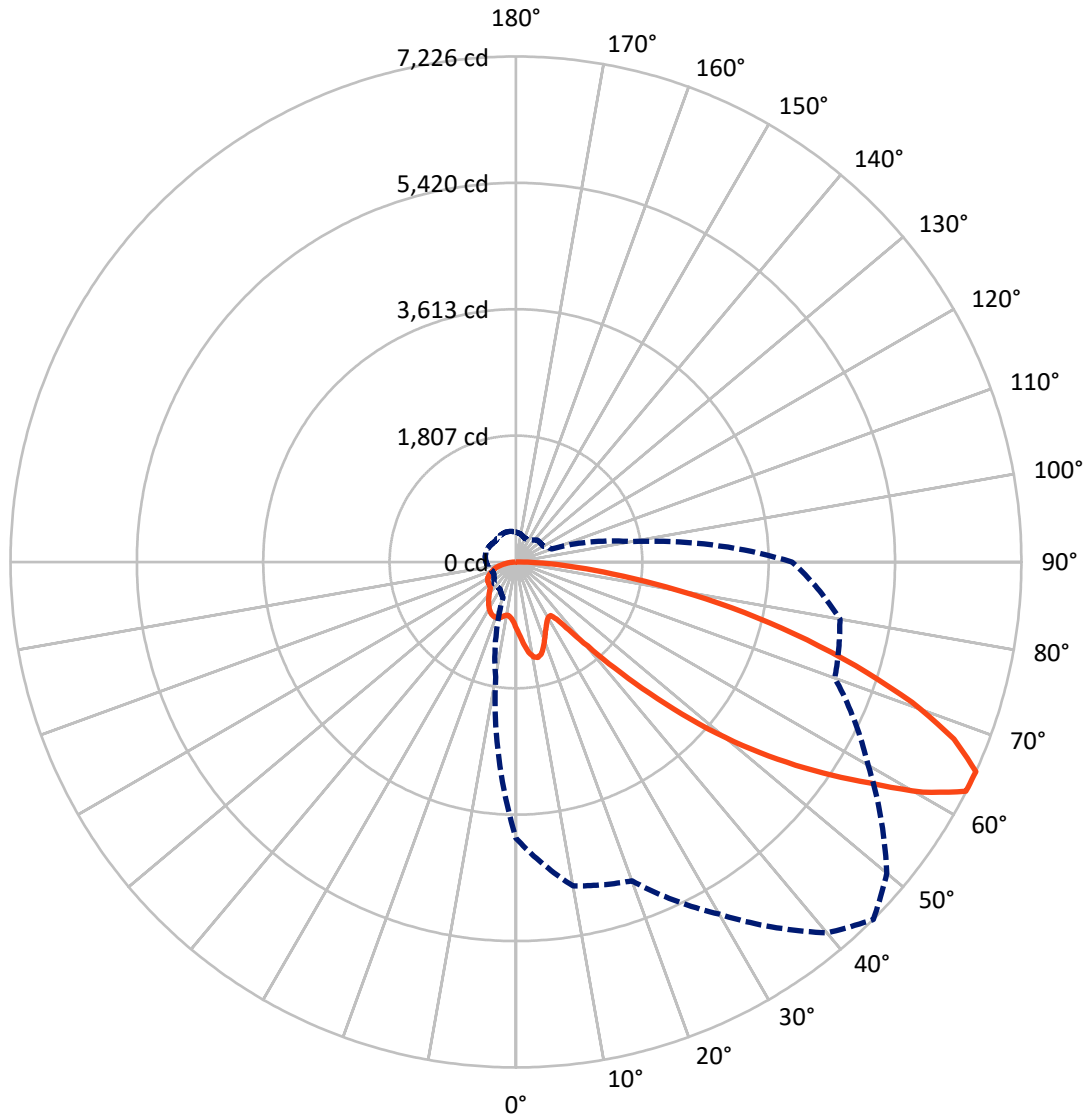
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1759.7	0.0	1759.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5164.3	0.0	5164.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	6924.0	0.0	6924.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.4	1.4
10°-20°	296.5	4.3
20°-30°	458.0	6.6
30°-40°	580.4	8.4
40°-50°	875.4	12.6
50°-60°	1414.3	20.4
60°-70°	1763.1	25.5
70°-80°	1156.2	16.7
80°-90°	285.8	4.1
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°	6924.0	100.0
0°-180°	6924.0	100.0



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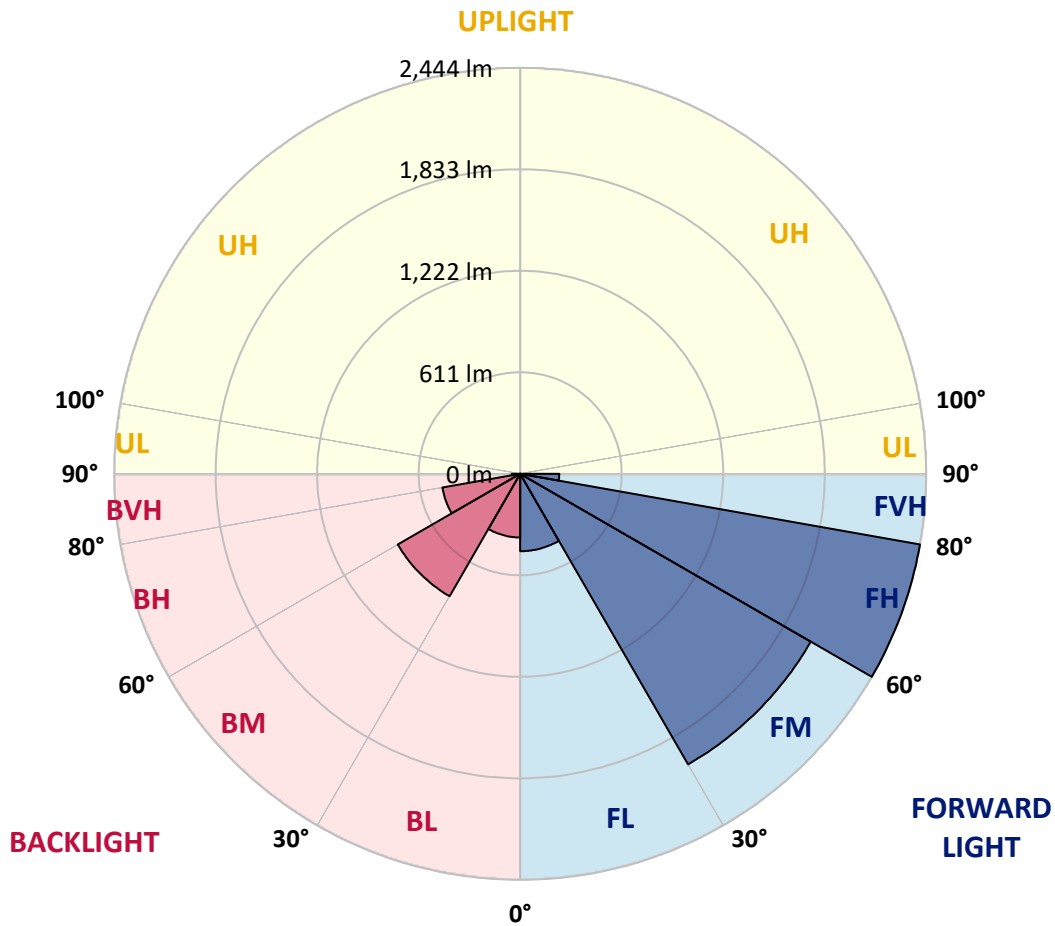
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	465.7	6.7			
FM (30°-60°)	2019.6	29.2			
FH (60°-80°)	2443.5	35.3			G2/5000
FVH (80°-90°)	235.5	3.4			G3/500
BL (0°-30°)	383.2	5.5	B1/500		
BM (30°-60°)	850.4	12.3	B1/1000		
BH (60°-80°)	475.8	6.9	B1/500		G1/500
BVH (80°-90°)	50.4	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
2.5°	1023.9	1027.8	1031.7	1037.2	1042.7	1046.0	1049.3	1050.9	1052.6	1051.9
5°	1101.0	1114.5	1128.1	1141.6	1155.1	1162.4	1169.7	1174.1	1178.6	1181.9
7.5°	1178.4	1200.5	1222.5	1242.4	1262.2	1274.2	1286.1	1292.6	1299.0	1302.1
10°	1237.8	1263.9	1290.0	1313.3	1336.5	1350.6	1364.7	1371.0	1377.2	1379.6
12.5°	1274.2	1302.4	1330.7	1351.7	1372.7	1382.9	1393.2	1396.6	1400.0	1400.4
15°	1296.3	1320.7	1345.0	1358.2	1371.5	1371.8	1372.2	1368.5	1364.9	1360.6
17.5°	1308.7	1325.2	1341.6	1341.9	1342.1	1327.3	1312.5	1299.0	1285.4	1275.8
20°	1322.4	1328.1	1333.9	1316.5	1299.2	1266.5	1233.9	1210.1	1186.3	1171.7
22.5°	1338.3	1330.8	1323.2	1287.3	1251.3	1203.3	1155.2	1125.5	1095.8	1079.6
25°	1358.7	1335.0	1311.3	1256.7	1202.1	1143.7	1085.4	1054.1	1022.9	1007.6
27.5°	1386.5	1344.1	1301.6	1229.3	1157.0	1092.3	1027.7	996.9	966.2	951.7
30°	1424.0	1360.6	1297.4	1208.4	1119.4	1052.0	984.6	956.1	927.6	914.1
32.5°	1468.2	1381.5	1294.8	1194.1	1093.4	1030.1	966.8	944.4	922.0	912.3
35°	1521.9	1415.8	1309.7	1204.8	1099.9	1055.9	1012.0	1006.7	1001.5	1000.7
37.5°	1612.3	1487.5	1362.7	1267.3	1172.0	1169.1	1166.3	1190.2	1214.1	1226.5
40°	1748.9	1613.2	1477.5	1406.6	1335.7	1385.7	1435.8	1493.9	1551.9	1580.9
42.5°	1930.2	1795.5	1660.8	1620.0	1579.1	1688.3	1797.5	1903.1	2008.8	2070.8
45°	2153.9	2033.0	1912.0	1894.0	1875.9	2050.8	2225.7	2399.3	2573.0	2678.4
47.5°	2433.8	2316.1	2198.4	2194.7	2191.1	2443.4	2695.6	2949.8	3204.0	3353.2
50°	2800.6	2655.2	2509.9	2510.5	2511.1	2836.3	3161.5	3497.0	3832.5	4035.3
52.5°	3221.7	3045.7	2869.7	2851.9	2834.0	3222.4	3610.9	4026.0	4441.0	4684.2
55°	3670.0	3496.1	3322.2	3252.8	3183.4	3615.7	4047.9	4542.8	5037.7	5326.8
57.5°	4077.7	3983.0	3888.3	3749.1	3610.0	4046.5	4483.0	5043.5	5604.0	5962.6
60°	4324.1	4471.2	4618.4	4445.5	4272.7	4685.8	5098.9	5699.0	6299.1	6686.7
62.5°	4199.0	4600.9	5002.9	4983.4	4963.9	5342.3	5720.7	6291.7	6862.6	7220.8
65°	3948.6	4325.8	4703.0	4777.6	4852.3	5333.1	5814.0	6367.7	6921.3	7226.3
67.5°	3613.0	3971.8	4330.5	4365.5	4400.5	4901.5	5402.5	5958.6	6514.6	6753.5
70°	3209.8	3600.0	3990.3	4005.9	4021.6	4469.7	4917.7	5396.2	5874.7	6007.5
72.5°	2729.4	3177.2	3625.0	3636.3	3647.5	3998.1	4348.6	4707.0	5065.3	5078.8
75°	2121.6	2585.1	3048.6	3090.2	3131.8	3404.5	3677.3	3929.6	4181.8	4114.2
77.5°	1515.8	1948.5	2381.2	2440.7	2500.3	2707.6	2915.0	3093.9	3272.8	3156.6
80°	992.1	1356.1	1720.1	1794.1	1868.1	2024.7	2181.2	2275.2	2369.1	2182.3
82.5°	576.7	825.6	1074.4	1157.1	1239.8	1347.6	1455.4	1494.6	1533.8	1386.9
85°	253.7	385.8	517.9	588.2	658.5	747.1	835.6	857.9	880.1	762.5
87.5°	78.6	122.9	167.3	206.6	245.8	290.1	334.4	336.3	338.1	283.9
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
1052.6	2.5°	1050.9	1049.3	1046.0	1042.7	1037.2	1031.7	1027.8	1023.9	1016.0	1008.2
1178.6	5°	1174.1	1169.7	1162.4	1155.1	1141.6	1128.1	1114.5	1101.0	1083.6	1066.3
1299.0	7.5°	1292.6	1286.1	1274.2	1262.2	1242.4	1222.5	1200.5	1178.4	1149.8	1121.2
1377.2	10°	1371.0	1364.7	1350.6	1336.5	1313.3	1290.0	1263.9	1237.8	1201.6	1165.4
1400.0	12.5°	1396.6	1393.2	1382.9	1372.7	1351.7	1330.7	1302.4	1274.2	1234.4	1194.6
1364.9	15°	1368.5	1372.2	1371.8	1371.5	1358.2	1345.0	1320.7	1296.3	1254.8	1213.3
1285.4	17.5°	1299.0	1312.5	1327.3	1342.1	1341.9	1341.6	1325.2	1308.7	1266.6	1224.6
1186.3	20°	1210.1	1233.9	1266.5	1299.2	1316.5	1333.9	1328.1	1322.4	1278.7	1235.0
1095.8	22.5°	1125.5	1155.2	1203.3	1251.3	1287.3	1323.2	1330.8	1338.3	1293.6	1249.0
1022.9	25°	1054.1	1085.4	1143.7	1202.1	1256.7	1311.3	1335.0	1358.7	1315.0	1271.2
966.2	27.5°	996.9	1027.7	1092.3	1157.0	1229.3	1301.6	1344.1	1386.5	1344.8	1303.0
927.6	30°	956.1	984.6	1052.0	1119.4	1208.4	1297.4	1360.6	1424.0	1383.6	1343.3
922.0	32.5°	944.4	966.8	1030.1	1093.4	1194.1	1294.8	1381.5	1468.2	1428.2	1388.3
1001.5	35°	1006.7	1012.0	1055.9	1099.9	1204.8	1309.7	1415.8	1521.9	1483.7	1445.4
1214.1	37.5°	1190.2	1166.3	1169.1	1172.0	1267.3	1362.7	1487.5	1612.3	1563.6	1514.8
1551.9	40°	1493.9	1435.8	1385.7	1335.7	1406.6	1477.5	1613.2	1748.9	1677.9	1606.9
2008.8	42.5°	1903.1	1797.5	1688.3	1579.1	1620.0	1660.8	1795.5	1930.2	1827.6	1725.1
2573.0	45°	2399.3	2225.7	2050.8	1875.9	1894.0	1912.0	2033.0	2153.9	2015.7	1877.4
3204.0	47.5°	2949.8	2695.6	2443.4	2191.1	2194.7	2198.4	2316.1	2433.8	2239.2	2044.5
3832.5	50°	3497.0	3161.5	2836.3	2511.1	2510.5	2509.9	2655.2	2800.6	2507.2	2213.7
4441.0	52.5°	4026.0	3610.9	3222.4	2834.0	2851.9	2869.7	3045.7	3221.7	2788.7	2355.8
5037.7	55°	4542.8	4047.9	3615.7	3183.4	3252.8	3322.2	3496.1	3670.0	3038.3	2406.8
5604.0	57.5°	5043.5	4483.0	4046.5	3610.0	3749.1	3888.3	3983.0	4077.7	3215.3	2352.8
6299.1	60°	5699.0	5098.9	4685.8	4272.7	4445.5	4618.4	4471.2	4324.1	3259.5	2194.7
6862.6	62.5°	6291.7	5720.7	5342.3	4963.9	4983.4	5002.9	4600.9	4199.0	3073.3	1947.6
6921.3	65°	6367.7	5814.0	5333.1	4852.3	4777.6	4703.0	4325.8	3948.6	2809.9	1671.3
6514.6	67.5°	5958.6	5402.5	4901.5	4400.5	4365.5	4330.5	3971.8	3613.0	2496.5	1380.0
5874.7	70°	5396.2	4917.7	4469.7	4021.6	4005.9	3990.3	3600.0	3209.8	2154.5	1099.2
5065.3	72.5°	4707.0	4348.6	3998.1	3647.5	3636.3	3625.0	3177.2	2729.4	1783.7	838.1
4181.8	75°	3929.6	3677.3	3404.5	3131.8	3090.2	3048.6	2585.1	2121.6	1358.7	595.8
3272.8	77.5°	3093.9	2915.0	2707.6	2500.3	2440.7	2381.2	1948.5	1515.8	951.0	386.1
2369.1	80°	2275.2	2181.2	2024.7	1868.1	1794.1	1720.1	1356.1	992.1	612.7	233.3
1533.8	82.5°	1494.6	1455.4	1347.6	1239.8	1157.1	1074.4	825.6	576.7	354.6	132.6
880.1	85°	857.9	835.6	747.1	658.5	588.2	517.9	385.8	253.7	159.5	65.3
338.1	87.5°	336.3	334.4	290.1	245.8	206.6	167.3	122.9	78.6	52.2	25.9
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
999.8	2.5°	991.5	983.1	974.7	966.7	958.6	950.8	942.2	935.2	928.2	921.9
1049.0	5°	1031.7	1014.3	996.9	980.6	964.3	949.0	933.8	920.6	907.4	896.2
1094.7	7.5°	1068.3	1042.5	1016.8	994.1	971.4	950.5	930.8	913.2	895.7	881.0
1130.4	10°	1095.5	1064.2	1032.9	1006.1	979.2	953.4	932.3	913.7	895.2	880.6
1155.0	12.5°	1115.4	1078.5	1041.6	1011.3	980.9	953.8	934.1	918.9	903.8	894.1
1170.4	15°	1127.4	1084.9	1042.4	1007.3	972.1	942.1	926.4	919.1	911.8	913.2
1177.7	17.5°	1130.8	1081.5	1032.2	989.9	947.7	912.3	902.6	905.3	907.9	923.8
1183.5	20°	1131.9	1072.2	1012.4	960.0	907.6	866.4	863.9	876.3	888.7	916.4
1191.2	22.5°	1133.4	1060.7	988.0	924.9	861.8	814.9	819.9	838.3	856.7	888.2
1205.2	25°	1139.2	1049.4	959.6	885.7	811.8	763.8	777.3	798.5	819.7	848.1
1227.1	27.5°	1151.2	1041.8	932.4	849.8	767.3	723.6	740.0	760.5	780.9	804.3
1255.5	30°	1167.7	1038.3	908.7	819.9	731.1	694.4	707.3	723.5	739.8	759.1
1285.2	32.5°	1182.0	1033.9	885.7	794.1	702.4	672.8	678.5	688.1	697.8	713.2
1318.9	35°	1192.4	1025.6	858.9	768.7	678.5	653.8	651.4	654.1	656.7	668.5
1356.7	37.5°	1198.6	1011.5	824.3	738.8	653.3	631.7	623.0	620.1	617.2	625.6
1404.7	40°	1202.6	992.0	781.5	703.1	624.8	605.2	591.9	585.3	578.6	584.7
1467.5	42.5°	1210.0	971.9	733.9	663.8	593.6	575.6	558.8	550.0	541.3	546.2
1550.2	45°	1223.0	953.2	683.5	622.0	560.5	542.2	525.9	517.4	508.9	513.0
1638.2	47.5°	1232.0	937.8	643.7	588.9	534.1	510.6	496.6	489.4	482.3	486.2
1719.9	50°	1226.1	921.0	615.9	567.0	518.0	487.0	470.8	464.4	458.1	464.2
1773.0	52.5°	1190.1	892.6	595.2	552.5	509.8	474.2	451.5	445.2	439.0	448.2
1761.3	55°	1115.8	845.6	575.4	542.0	508.6	475.5	441.3	431.3	421.4	434.6
1679.0	57.5°	1005.3	779.2	553.1	529.6	506.0	476.8	435.1	420.7	406.2	420.3
1525.9	60°	857.0	693.1	529.1	510.6	492.1	472.8	429.4	410.6	391.8	404.2
1318.9	62.5°	690.1	590.0	489.9	477.6	465.3	462.9	422.6	399.2	375.8	383.6
1107.6	65°	543.9	497.2	450.5	444.7	438.9	439.2	408.5	383.5	358.6	361.6
900.7	67.5°	421.3	408.1	394.8	398.0	401.2	400.4	383.2	362.4	341.7	340.7
709.1	70°	319.1	322.9	326.7	341.8	356.8	356.8	351.1	336.3	321.6	318.3
542.1	72.5°	246.2	257.6	269.1	290.4	311.7	315.3	315.4	305.3	295.1	290.3
393.5	75°	191.2	201.5	211.9	235.8	259.7	276.2	274.8	267.0	259.2	254.6
266.6	77.5°	147.2	154.2	161.3	184.5	207.7	234.9	234.2	227.9	221.7	217.0
171.8	80°	110.3	113.3	116.2	135.8	155.5	188.0	187.9	182.6	177.4	173.5
105.7	82.5°	78.8	79.4	79.9	94.4	108.9	136.6	138.2	135.6	133.1	130.3
56.5	85°	47.7	47.4	47.1	57.7	68.3	89.0	91.0	88.2	85.5	82.4
23.4	87.5°	20.9	20.6	20.4	24.7	29.0	37.6	40.2	39.1	38.0	37.4
0.0	90°	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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
915.6	2.5°	910.1	904.5	899.0	893.5	889.2	884.9	881.4	877.9	875.2	872.5
885.2	5°	875.4	865.6	856.7	847.8	841.0	834.1	829.3	824.5	821.1	817.7
866.4	7.5°	854.1	841.8	830.9	820.0	811.9	803.8	798.1	792.4	788.5	784.6
866.0	10°	852.7	839.4	827.2	814.9	805.2	795.4	789.1	782.7	779.0	775.3
884.4	12.5°	874.0	863.6	850.9	838.3	825.9	813.5	805.2	797.0	792.9	788.8
914.5	15°	911.8	909.1	898.1	887.1	869.4	851.7	839.2	826.7	821.0	815.3
939.8	17.5°	948.2	956.7	947.8	939.0	915.5	892.1	873.7	855.3	846.8	838.3
944.1	20°	961.8	979.5	975.4	971.3	944.5	917.8	895.2	872.6	861.8	850.9
919.9	22.5°	942.9	966.0	968.5	970.9	945.4	919.8	896.5	873.3	861.8	850.4
876.5	25°	899.2	921.9	930.3	938.8	917.8	896.9	876.2	855.6	845.6	835.7
827.6	27.5°	845.8	864.0	873.4	882.9	867.9	853.0	837.0	820.9	814.3	807.6
778.5	30°	793.6	808.7	816.4	824.1	812.7	801.3	789.8	778.3	774.9	771.4
728.7	32.5°	743.2	757.7	766.2	774.7	764.3	753.8	744.6	735.5	733.2	731.0
680.3	35°	694.6	709.0	719.2	729.4	722.0	714.6	706.1	697.6	694.2	690.9
634.1	37.5°	648.4	662.7	675.3	688.0	684.5	681.1	673.3	665.5	659.3	653.2
590.8	40°	604.7	618.5	633.0	647.6	648.4	649.2	642.6	636.0	627.0	618.1
551.2	42.5°	564.3	577.4	593.2	608.9	613.1	617.3	611.7	606.1	595.0	583.8
517.3	45°	529.7	542.1	558.4	574.7	580.7	586.8	581.7	576.7	564.0	551.2
490.1	47.5°	502.3	514.4	530.5	546.6	553.5	560.5	556.9	553.4	542.1	530.8
470.4	50°	481.9	493.3	507.7	522.1	531.0	539.9	539.7	539.6	530.5	521.4
457.4	52.5°	467.9	478.4	491.8	505.3	515.8	526.4	528.3	530.2	522.8	515.4
447.6	55°	459.0	470.3	482.0	493.8	505.0	516.2	518.8	521.4	515.0	508.6
434.4	57.5°	447.7	461.0	472.6	484.3	495.6	506.8	509.5	512.2	505.6	499.1
416.6	60°	431.8	447.1	458.9	470.8	482.1	493.4	496.3	499.3	492.9	486.6
391.5	62.5°	409.3	427.1	439.7	452.3	462.7	473.1	475.9	478.7	472.9	467.2
364.6	65°	383.7	402.8	414.9	426.9	436.0	445.2	448.1	450.9	445.4	439.9
339.8	67.5°	357.4	375.0	386.5	397.9	405.8	413.7	416.5	419.2	414.2	409.1
315.0	70°	330.5	346.0	355.9	365.7	372.8	380.0	382.7	385.4	381.2	377.1
285.5	72.5°	297.7	309.9	318.8	327.7	334.7	341.7	344.9	348.1	344.7	341.2
250.0	75°	259.0	268.1	276.2	284.2	290.6	297.0	300.3	303.7	302.0	300.3
212.3	77.5°	219.7	227.1	234.0	241.0	247.6	254.3	257.4	260.6	258.2	255.8
169.5	80°	175.7	181.8	187.6	193.5	198.5	203.6	207.7	211.9	210.9	209.9
127.5	82.5°	127.0	126.5	124.4	122.4	133.2	144.0	151.1	158.2	157.8	157.3
79.3	85°	76.7	74.0	68.3	62.7	72.8	82.9	91.7	100.5	99.7	99.0
36.8	87.5°	36.7	36.6	32.3	27.9	32.2	36.5	40.0	43.6	42.7	41.7
0.0	90°	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
870.1	2.5°	867.5	864.4	867.5	870.1	872.5	875.2	877.9	881.4	884.9	889.2
815.1	5°	812.5	810.0	812.5	815.1	817.7	821.1	824.5	829.3	834.1	841.0
782.3	7.5°	780.0	778.2	780.0	782.3	784.6	788.5	792.4	798.1	803.8	811.9
773.3	10°	771.3	770.5	771.3	773.3	775.3	779.0	782.7	789.1	795.4	805.2
787.1	12.5°	785.4	785.1	785.4	787.1	788.8	792.9	797.0	805.2	813.5	825.9
813.1	15°	810.9	810.7	810.9	813.1	815.3	821.0	826.7	839.2	851.7	869.4
835.5	17.5°	832.7	832.3	832.7	835.5	838.3	846.8	855.3	873.7	892.1	915.5
847.4	20°	844.0	842.9	844.0	847.4	850.9	861.8	872.6	895.2	917.8	944.5
846.5	22.5°	842.7	841.0	842.7	846.5	850.4	861.8	873.3	896.5	919.8	945.4
832.1	25°	828.5	826.4	828.5	832.1	835.7	845.6	855.6	876.2	896.9	917.8
806.0	27.5°	804.3	803.8	804.3	806.0	807.6	814.3	820.9	837.0	853.0	867.9
771.4	30°	771.4	772.0	771.4	771.4	771.4	774.9	778.3	789.8	801.3	812.7
731.3	32.5°	731.6	732.2	731.6	731.3	731.0	733.2	735.5	744.6	753.8	764.3
690.2	35°	689.4	689.1	689.4	690.2	690.9	694.2	697.6	706.1	714.6	722.0
649.9	37.5°	646.7	644.8	646.7	649.9	653.2	659.3	665.5	673.3	681.1	684.5
612.0	40°	606.0	602.5	606.0	612.0	618.1	627.0	636.0	642.6	649.2	648.4
575.0	42.5°	566.2	560.5	566.2	575.0	583.8	595.0	606.1	611.7	617.3	613.1
540.9	45°	530.6	523.9	530.6	540.9	551.2	564.0	576.7	581.7	586.8	580.7
521.2	47.5°	511.7	505.3	511.7	521.2	530.8	542.1	553.4	556.9	560.5	553.5
512.6	50°	503.7	497.6	503.7	512.6	521.4	530.5	539.6	539.7	539.9	531.0
507.5	52.5°	499.6	494.0	499.6	507.5	515.4	522.8	530.2	528.3	526.4	515.8
501.6	55°	494.7	489.6	494.7	501.6	508.6	515.0	521.4	518.8	516.2	505.0
492.3	57.5°	485.4	480.1	485.4	492.3	499.1	505.6	512.2	509.5	506.8	495.6
479.5	60°	472.4	466.9	472.4	479.5	486.6	492.9	499.3	496.3	493.4	482.1
459.8	62.5°	452.3	445.7	452.3	459.8	467.2	472.9	478.7	475.9	473.1	462.7
432.7	65°	425.5	419.8	425.5	432.7	439.9	445.4	450.9	448.1	445.2	436.0
402.4	67.5°	395.7	390.6	395.7	402.4	409.1	414.2	419.2	416.5	413.7	405.8
370.7	70°	364.3	358.4	364.3	370.7	377.1	381.2	385.4	382.7	380.0	372.8
335.1	72.5°	329.0	323.3	329.0	335.1	341.2	344.7	348.1	344.9	341.7	334.7
295.2	75°	290.0	284.6	290.0	295.2	300.3	302.0	303.7	300.3	297.0	290.6
250.6	77.5°	245.4	241.1	245.4	250.6	255.8	258.2	260.6	257.4	254.3	247.6
202.9	80°	195.9	187.8	195.9	202.9	209.9	210.9	211.9	207.7	203.6	198.5
151.4	82.5°	145.5	140.3	145.5	151.4	157.3	157.8	158.2	151.1	144.0	133.2
94.4	85°	89.8	85.1	89.8	94.4	99.0	99.7	100.5	91.7	82.9	72.8
39.4	87.5°	37.0	34.7	37.0	39.4	41.7	42.7	43.6	40.0	36.5	32.2
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1	952.1
893.5	2.5°	899.0	904.5	910.1	915.6	921.9	928.2	935.2	942.2	950.8	958.6
847.8	5°	856.7	865.6	875.4	885.2	896.2	907.4	920.6	933.8	949.0	964.3
820.0	7.5°	830.9	841.8	854.1	866.4	881.0	895.7	913.2	930.8	950.5	971.4
814.9	10°	827.2	839.4	852.7	866.0	880.6	895.2	913.7	932.3	953.4	979.2
838.3	12.5°	850.9	863.6	874.0	884.4	894.1	903.8	918.9	934.1	953.8	980.9
887.1	15°	898.1	909.1	911.8	914.5	913.2	911.8	919.1	926.4	942.1	972.1
939.0	17.5°	947.8	956.7	948.2	939.8	923.8	907.9	905.3	902.6	912.3	947.7
971.3	20°	975.4	979.5	961.8	944.1	916.4	888.7	876.3	863.9	866.4	907.6
970.9	22.5°	968.5	966.0	942.9	919.9	888.2	856.7	838.3	819.9	814.9	861.8
938.8	25°	930.3	921.9	899.2	876.5	848.1	819.7	798.5	777.3	763.8	811.8
882.9	27.5°	873.4	864.0	845.8	827.6	804.3	780.9	760.5	740.0	723.6	767.3
824.1	30°	816.4	808.7	793.6	778.5	759.1	739.8	723.5	707.3	694.4	731.1
774.7	32.5°	766.2	757.7	743.2	728.7	713.2	697.8	688.1	678.5	672.8	702.4
729.4	35°	719.2	709.0	694.6	680.3	668.5	656.7	654.1	651.4	653.8	678.5
688.0	37.5°	675.3	662.7	648.4	634.1	625.6	617.2	620.1	623.0	631.7	653.3
647.6	40°	633.0	618.5	604.7	590.8	584.7	578.6	585.3	591.9	605.2	624.8
608.9	42.5°	593.2	577.4	564.3	551.2	546.2	541.3	550.0	558.8	575.6	593.6
574.7	45°	558.4	542.1	529.7	517.3	513.0	508.9	517.4	525.9	542.2	560.5
546.6	47.5°	530.5	514.4	502.3	490.1	486.2	482.3	489.4	496.6	510.6	534.1
522.1	50°	507.7	493.3	481.9	470.4	464.2	458.1	464.4	470.8	487.0	518.0
505.3	52.5°	491.8	478.4	467.9	457.4	448.2	439.0	445.2	451.5	474.2	509.8
493.8	55°	482.0	470.3	459.0	447.6	434.6	421.4	431.3	441.3	475.5	508.6
484.3	57.5°	472.6	461.0	447.7	434.4	420.3	406.2	420.7	435.1	476.8	506.0
470.8	60°	458.9	447.1	431.8	416.6	404.2	391.8	410.6	429.4	472.8	492.1
452.3	62.5°	439.7	427.1	409.3	391.5	383.6	375.8	399.2	422.6	462.9	465.3
426.9	65°	414.9	402.8	383.7	364.6	361.6	358.6	383.5	408.5	439.2	438.9
397.9	67.5°	386.5	375.0	357.4	339.8	340.7	341.7	362.4	383.2	400.4	401.2
365.7	70°	355.9	346.0	330.5	315.0	318.3	321.6	336.3	351.1	356.8	356.8
327.7	72.5°	318.8	309.9	297.7	285.5	290.3	295.1	305.3	315.4	315.3	311.7
284.2	75°	276.2	268.1	259.0	250.0	254.6	259.2	267.0	274.8	276.2	259.7
241.0	77.5°	234.0	227.1	219.7	212.3	217.0	221.7	227.9	234.2	234.9	207.7
193.5	80°	187.6	181.8	175.7	169.5	173.5	177.4	182.6	187.9	188.0	155.5
122.4	82.5°	124.4	126.5	127.0	127.5	130.3	133.1	135.6	138.2	136.6	108.9
62.7	85°	68.3	74.0	76.7	79.3	82.4	85.5	88.2	91.0	89.0	68.3
27.9	87.5°	32.3	36.6	36.7	36.8	37.4	38.0	39.1	40.2	37.6	29.0
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
952.1	0°	952.1	952.1	952.1	952.1	952.1	952.1	952.1
966.7	2.5°	974.7	983.1	991.5	999.8	1008.2	1016.0	1023.9
980.6	5°	996.9	1014.3	1031.7	1049.0	1066.3	1083.6	1101.0
994.1	7.5°	1016.8	1042.5	1068.3	1094.7	1121.2	1149.8	1178.4
1006.1	10°	1032.9	1064.2	1095.5	1130.4	1165.4	1201.6	1237.8
1011.3	12.5°	1041.6	1078.5	1115.4	1155.0	1194.6	1234.4	1274.2
1007.3	15°	1042.4	1084.9	1127.4	1170.4	1213.3	1254.8	1296.3
989.9	17.5°	1032.2	1081.5	1130.8	1177.7	1224.6	1266.6	1308.7
960.0	20°	1012.4	1072.2	1131.9	1183.5	1235.0	1278.7	1322.4
924.9	22.5°	988.0	1060.7	1133.4	1191.2	1249.0	1293.6	1338.3
885.7	25°	959.6	1049.4	1139.2	1205.2	1271.2	1315.0	1358.7
849.8	27.5°	932.4	1041.8	1151.2	1227.1	1303.0	1344.8	1386.5
819.9	30°	908.7	1038.3	1167.7	1255.5	1343.3	1383.6	1424.0
794.1	32.5°	885.7	1033.9	1182.0	1285.2	1388.3	1428.2	1468.2
768.7	35°	858.9	1025.6	1192.4	1318.9	1445.4	1483.7	1521.9
738.8	37.5°	824.3	1011.5	1198.6	1356.7	1514.8	1563.6	1612.3
703.1	40°	781.5	992.0	1202.6	1404.7	1606.9	1677.9	1748.9
663.8	42.5°	733.9	971.9	1210.0	1467.5	1725.1	1827.6	1930.2
622.0	45°	683.5	953.2	1223.0	1550.2	1877.4	2015.7	2153.9
588.9	47.5°	643.7	937.8	1232.0	1638.2	2044.5	2239.2	2433.8
567.0	50°	615.9	921.0	1226.1	1719.9	2213.7	2507.2	2800.6
552.5	52.5°	595.2	892.6	1190.1	1773.0	2355.8	2788.7	3221.7
542.0	55°	575.4	845.6	1115.8	1761.3	2406.8	3038.3	3670.0
529.6	57.5°	553.1	779.2	1005.3	1679.0	2352.8	3215.3	4077.7
510.6	60°	529.1	693.1	857.0	1525.9	2194.7	3259.5	4324.1
477.6	62.5°	489.9	590.0	690.1	1318.9	1947.6	3073.3	4199.0
444.7	65°	450.5	497.2	543.9	1107.6	1671.3	2809.9	3948.6
398.0	67.5°	394.8	408.1	421.3	900.7	1380.0	2496.5	3613.0
341.8	70°	326.7	322.9	319.1	709.1	1099.2	2154.5	3209.8
290.4	72.5°	269.1	257.6	246.2	542.1	838.1	1783.7	2729.4
235.8	75°	211.9	201.5	191.2	393.5	595.8	1358.7	2121.6
184.5	77.5°	161.3	154.2	147.2	266.6	386.1	951.0	1515.8
135.8	80°	116.2	113.3	110.3	171.8	233.3	612.7	992.1
94.4	82.5°	79.9	79.4	78.8	105.7	132.6	354.6	576.7
57.7	85°	47.1	47.4	47.7	56.5	65.3	159.5	253.7
24.7	87.5°	20.4	20.6	20.9	23.4	25.9	52.2	78.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)