

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: P945701

Luminaire Tested: **GALN-SB1C-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945701
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-827-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6491 lumens
Efficiency: N/A
Efficacy: 119.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

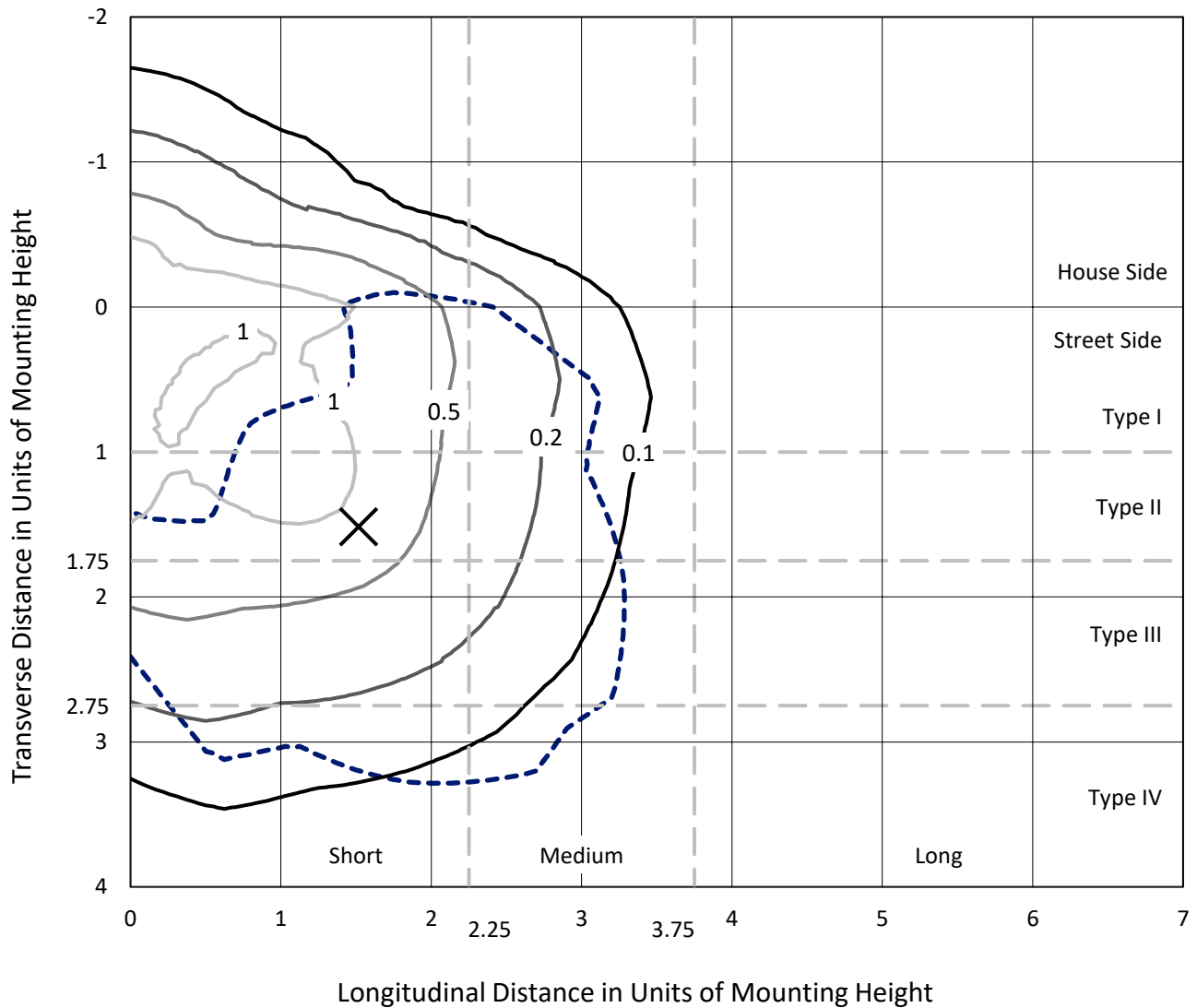
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

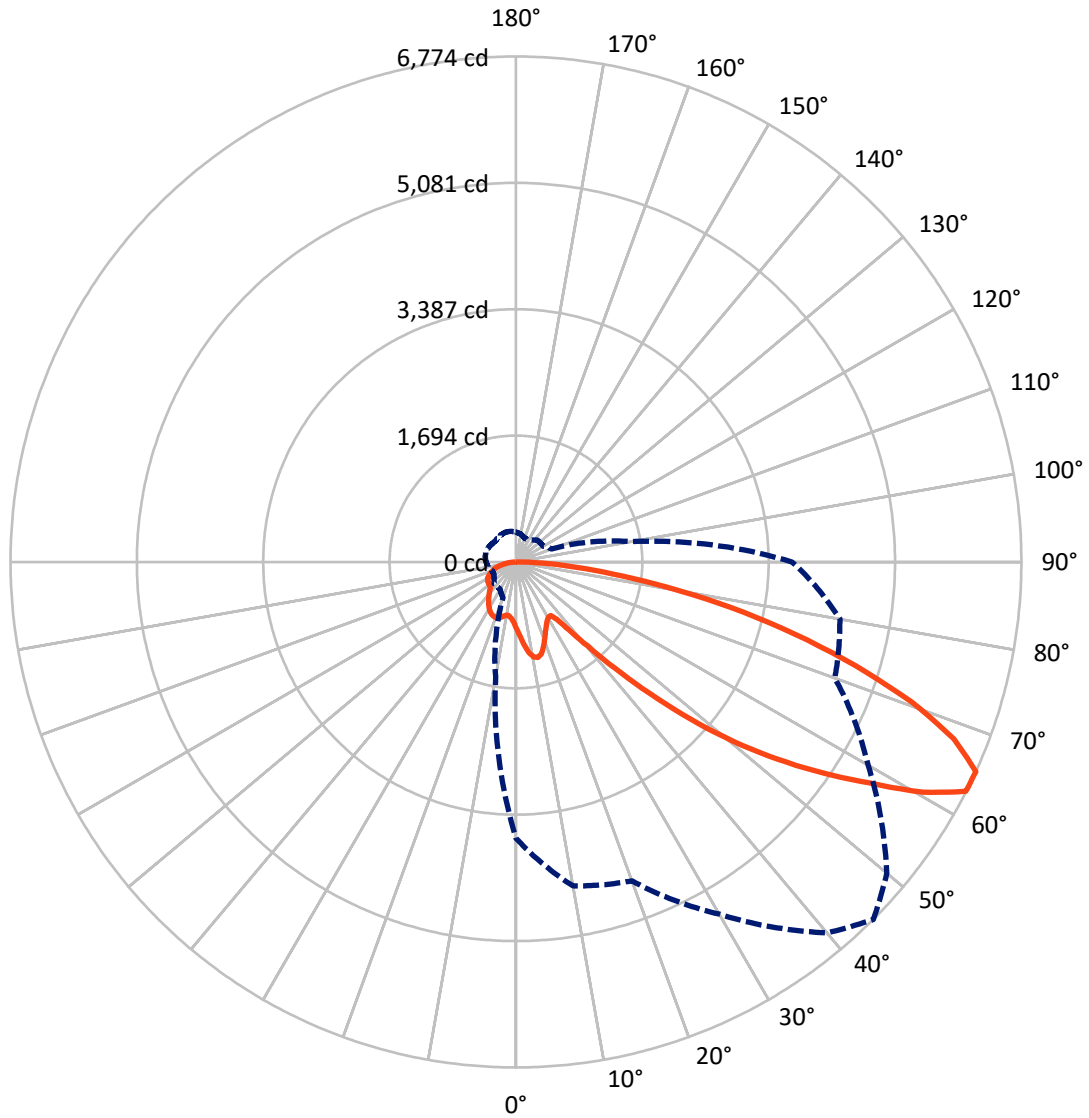
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 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	1649.7	0.0	1649.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4841.3	0.0	4841.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	6491.0	0.0	6491.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.5	1.4
10°-20°	278.0	4.3
20°-30°	429.3	6.6
30°-40°	544.1	8.4
40°-50°	820.6	12.6
50°-60°	1325.8	20.4
60°-70°	1652.8	25.5
70°-80°	1083.9	16.7
80°-90°	268.0	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°	6491.0	100.0
0°-180°	6491.0	100.0

Coefficient of Utilization



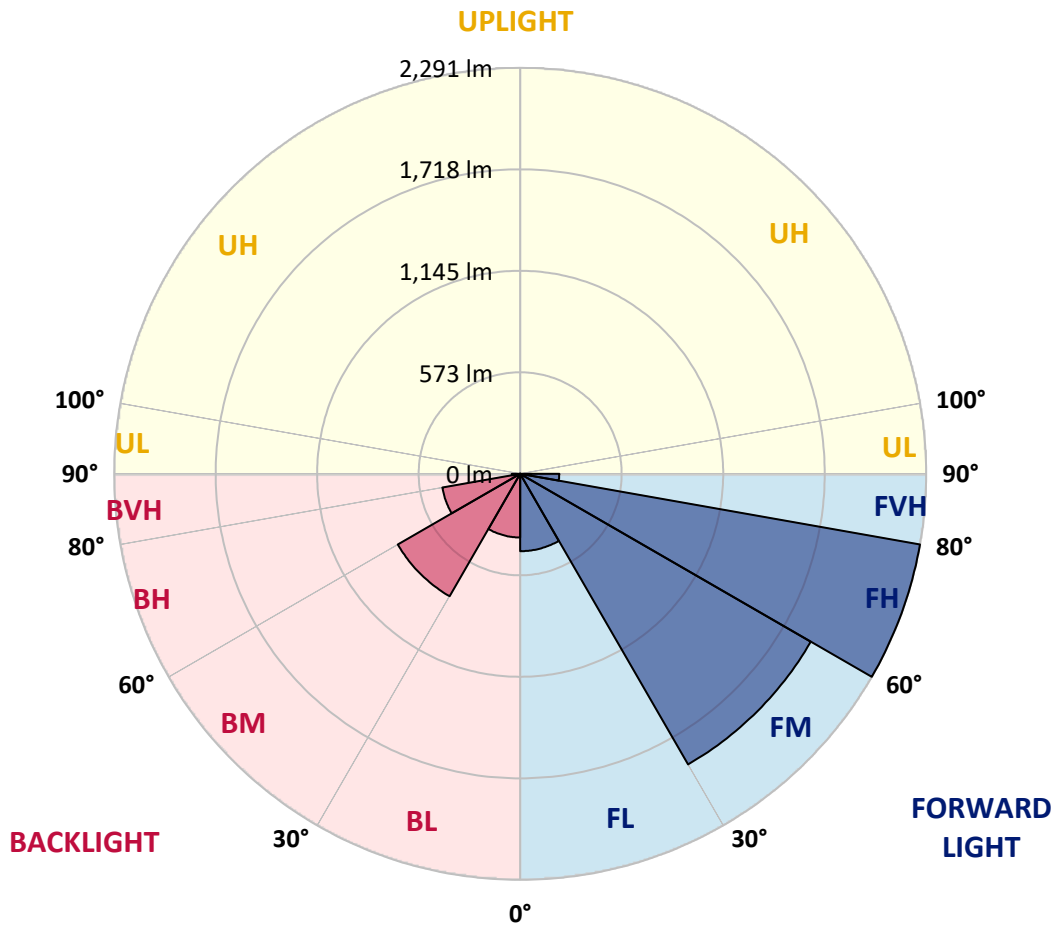
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	436.6	6.7			
FM (30°-60°)	1893.3	29.2			
FH (60°-80°)	2290.7	35.3			G2/5000
FVH (80°-90°)	220.7	3.4			G2/225
BL (0°-30°)	359.2	5.5	B1/500		
BM (30°-60°)	797.2	12.3	B1/1000		
BH (60°-80°)	446.0	6.9	B1/500		G1/500
BVH (80°-90°)	47.2	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6
2.5°	959.9	963.5	967.2	972.3	977.5	980.6	983.7	985.2	986.8	986.1
5°	1032.1	1044.8	1057.6	1070.2	1082.8	1089.7	1096.5	1100.7	1104.9	1108.0
7.5°	1104.8	1125.4	1146.1	1164.7	1183.3	1194.5	1205.7	1211.7	1217.8	1220.7
10°	1160.4	1184.9	1209.3	1231.1	1253.0	1266.2	1279.3	1285.2	1291.1	1293.3
12.5°	1194.5	1221.0	1247.5	1267.2	1286.9	1296.5	1306.0	1309.3	1312.5	1312.8
15°	1215.2	1238.1	1260.9	1273.3	1285.7	1286.0	1286.4	1283.0	1279.5	1275.5
17.5°	1226.9	1242.3	1257.7	1258.0	1258.2	1244.3	1230.4	1217.7	1205.0	1196.0
20°	1239.7	1245.1	1250.5	1234.2	1217.9	1187.3	1156.7	1134.4	1112.1	1098.4
22.5°	1254.6	1247.5	1240.5	1206.8	1173.1	1128.0	1083.0	1055.1	1027.2	1012.1
25°	1273.8	1251.5	1229.3	1178.1	1126.9	1072.2	1017.5	988.2	958.9	944.6
27.5°	1299.8	1260.0	1220.2	1152.4	1084.6	1024.0	963.4	934.6	905.8	892.2
30°	1334.9	1275.6	1216.2	1132.8	1049.4	986.2	923.1	896.3	869.6	856.9
32.5°	1376.4	1295.1	1213.8	1119.4	1025.0	965.7	906.3	885.3	864.3	855.2
35°	1426.7	1327.2	1227.8	1129.4	1031.1	989.9	948.7	943.8	938.9	938.1
37.5°	1511.5	1394.5	1277.5	1188.1	1098.7	1096.0	1093.3	1115.7	1138.1	1149.8
40°	1639.6	1512.3	1385.1	1318.6	1252.1	1299.1	1346.0	1400.4	1454.9	1482.0
42.5°	1809.5	1683.2	1557.0	1518.7	1480.4	1582.7	1685.1	1784.1	1883.2	1941.3
45°	2019.2	1905.8	1792.4	1775.5	1758.6	1922.5	2086.5	2249.3	2412.1	2510.9
47.5°	2281.6	2171.3	2060.9	2057.5	2054.1	2290.6	2527.1	2765.4	3003.6	3143.5
50°	2625.5	2489.2	2352.9	2353.5	2354.1	2658.9	2963.8	3278.3	3592.8	3783.0
52.5°	3020.2	2855.2	2690.2	2673.5	2656.8	3020.9	3385.0	3774.2	4163.3	4391.3
55°	3440.5	3277.4	3114.4	3049.4	2984.3	3389.6	3794.8	4258.7	4722.6	4993.7
57.5°	3822.7	3733.9	3645.1	3514.7	3384.2	3793.4	4202.6	4728.1	5253.5	5589.7
60°	4053.7	4191.6	4329.5	4167.5	4005.5	4392.8	4780.0	5342.6	5905.2	6268.5
62.5°	3936.4	4313.2	4690.0	4671.7	4653.4	5008.2	5362.9	5898.2	6433.4	6769.3
65°	3701.6	4055.3	4408.9	4478.9	4548.8	4999.6	5450.5	5969.5	6488.5	6774.4
67.5°	3387.0	3723.4	4059.7	4092.5	4125.3	4595.0	5064.7	5586.0	6107.2	6331.2
70°	3009.1	3374.9	3740.8	3755.4	3770.1	4190.2	4610.2	5058.8	5507.3	5631.8
72.5°	2558.7	2978.5	3398.3	3408.9	3419.4	3748.0	4076.7	4412.6	4748.6	4761.2
75°	1988.9	2423.4	2857.9	2896.9	2936.0	3191.6	3447.3	3683.8	3920.3	3857.0
77.5°	1421.1	1826.6	2232.3	2288.1	2343.9	2538.3	2732.7	2900.4	3068.2	2959.2
80°	930.1	1271.3	1612.5	1681.9	1751.3	1898.1	2044.8	2132.9	2221.0	2045.8
82.5°	540.6	773.9	1007.2	1084.7	1162.3	1263.3	1364.4	1401.1	1437.8	1300.1
85°	237.9	361.7	485.5	551.4	617.4	700.4	783.4	804.2	825.1	714.8
87.5°	73.6	115.3	156.9	193.7	230.4	271.9	313.5	315.2	317.0	266.1
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°
892.6	0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6
986.8	2.5°	985.2	983.7	980.6	977.5	972.3	967.2	963.5	959.9	952.5	945.1
1104.9	5°	1100.7	1096.5	1089.7	1082.8	1070.2	1057.6	1044.8	1032.1	1015.9	999.6
1217.8	7.5°	1211.7	1205.7	1194.5	1183.3	1164.7	1146.1	1125.4	1104.8	1077.9	1051.1
1291.1	10°	1285.2	1279.3	1266.2	1253.0	1231.1	1209.3	1184.9	1160.4	1126.5	1092.5
1312.5	12.5°	1309.3	1306.0	1296.5	1286.9	1267.2	1247.5	1221.0	1194.5	1157.2	1119.9
1279.5	15°	1283.0	1286.4	1286.0	1285.7	1273.3	1260.9	1238.1	1215.2	1176.3	1137.5
1205.0	17.5°	1217.7	1230.4	1244.3	1258.2	1258.0	1257.7	1242.3	1226.9	1187.4	1148.0
1112.1	20°	1134.4	1156.7	1187.3	1217.9	1234.2	1250.5	1245.1	1239.7	1198.7	1157.7
1027.2	22.5°	1055.1	1083.0	1128.0	1173.1	1206.8	1240.5	1247.5	1254.6	1212.7	1170.9
958.9	25°	988.2	1017.5	1072.2	1126.9	1178.1	1229.3	1251.5	1273.8	1232.7	1191.7
905.8	27.5°	934.6	963.4	1024.0	1084.6	1152.4	1220.2	1260.0	1299.8	1260.7	1221.5
869.6	30°	896.3	923.1	986.2	1049.4	1132.8	1216.2	1275.6	1334.9	1297.1	1259.3
864.3	32.5°	885.3	906.3	965.7	1025.0	1119.4	1213.8	1295.1	1376.4	1338.9	1301.5
938.9	35°	943.8	948.7	989.9	1031.1	1129.4	1227.8	1327.2	1426.7	1390.9	1355.0
1138.1	37.5°	1115.7	1093.3	1096.0	1098.7	1188.1	1277.5	1394.5	1511.5	1465.8	1420.1
1454.9	40°	1400.4	1346.0	1299.1	1252.1	1318.6	1385.1	1512.3	1639.6	1573.0	1506.4
1883.2	42.5°	1784.1	1685.1	1582.7	1480.4	1518.7	1557.0	1683.2	1809.5	1713.3	1617.2
2412.1	45°	2249.3	2086.5	1922.5	1758.6	1775.5	1792.4	1905.8	2019.2	1889.6	1760.0
3003.6	47.5°	2765.4	2527.1	2290.6	2054.1	2057.5	2060.9	2171.3	2281.6	2099.1	1916.7
3592.8	50°	3278.3	2963.8	2658.9	2354.1	2353.5	2352.9	2489.2	2625.5	2350.4	2075.3
4163.3	52.5°	3774.2	3385.0	3020.9	2656.8	2673.5	2690.2	2855.2	3020.2	2614.3	2208.5
4722.6	55°	4258.7	3794.8	3389.6	2984.3	3049.4	3114.4	3277.4	3440.5	2848.3	2256.3
5253.5	57.5°	4728.1	4202.6	3793.4	3384.2	3514.7	3645.1	3733.9	3822.7	3014.2	2205.7
5905.2	60°	5342.6	4780.0	4392.8	4005.5	4167.5	4329.5	4191.6	4053.7	3055.6	2057.5
6433.4	62.5°	5898.2	5362.9	5008.2	4653.4	4671.7	4690.0	4313.2	3936.4	2881.1	1825.8
6488.5	65°	5969.5	5450.5	4999.6	4548.8	4478.9	4408.9	4055.3	3701.6	2634.2	1566.8
6107.2	67.5°	5586.0	5064.7	4595.0	4125.3	4092.5	4059.7	3723.4	3387.0	2340.4	1293.7
5507.3	70°	5058.8	4610.2	4190.2	3770.1	3755.4	3740.8	3374.9	3009.1	2019.8	1030.4
4748.6	72.5°	4412.6	4076.7	3748.0	3419.4	3408.9	3398.3	2978.5	2558.7	1672.2	785.7
3920.3	75°	3683.8	3447.3	3191.6	2936.0	2896.9	2857.9	2423.4	1988.9	1273.7	558.6
3068.2	77.5°	2900.4	2732.7	2538.3	2343.9	2288.1	2232.3	1826.6	1421.1	891.5	362.0
2221.0	80°	2132.9	2044.8	1898.1	1751.3	1681.9	1612.5	1271.3	930.1	574.4	218.7
1437.8	82.5°	1401.1	1364.4	1263.3	1162.3	1084.7	1007.2	773.9	540.6	332.4	124.3
825.1	85°	804.2	783.4	700.4	617.4	551.4	485.5	361.7	237.9	149.5	61.2
317.0	87.5°	315.2	313.5	271.9	230.4	193.7	156.9	115.3	73.6	49.0	24.3
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°
892.6	0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6
937.3	2.5°	929.5	921.6	913.7	906.2	898.7	891.4	883.3	876.7	870.1	864.2
983.4	5°	967.2	950.8	934.5	919.3	904.0	889.7	875.4	863.0	850.6	840.2
1026.3	7.5°	1001.5	977.3	953.2	931.9	910.7	891.0	872.6	856.1	839.7	826.0
1059.7	10°	1027.0	997.7	968.3	943.2	918.0	893.8	874.0	856.6	839.2	825.5
1082.8	12.5°	1045.7	1011.1	976.5	948.0	919.6	894.1	875.7	861.5	847.3	838.2
1097.2	15°	1056.9	1017.1	977.2	944.3	911.3	883.1	868.4	861.6	854.8	856.1
1104.1	17.5°	1060.1	1013.9	967.6	928.0	888.4	855.2	846.2	848.7	851.1	866.1
1109.4	20°	1061.1	1005.1	949.1	900.0	850.9	812.3	809.9	821.5	833.1	859.1
1116.7	22.5°	1062.5	994.4	926.2	867.1	807.9	764.0	768.7	785.9	803.1	832.7
1129.9	25°	1067.9	983.7	899.6	830.3	761.0	716.0	728.7	748.5	768.4	795.0
1150.4	27.5°	1079.2	976.7	874.1	796.7	719.3	678.3	693.7	712.9	732.1	754.0
1177.0	30°	1094.7	973.3	851.9	768.6	685.4	650.9	663.0	678.2	693.5	711.7
1204.8	32.5°	1108.1	969.2	830.3	744.4	658.5	630.7	636.1	645.1	654.1	668.6
1236.4	35°	1117.9	961.5	805.2	720.6	636.0	612.9	610.7	613.2	615.7	626.7
1271.9	37.5°	1123.7	948.2	772.8	692.6	612.4	592.2	584.0	581.3	578.6	586.5
1316.9	40°	1127.4	930.0	732.6	659.2	585.7	567.4	554.9	548.7	542.5	548.2
1375.8	42.5°	1134.3	911.1	688.0	622.3	556.5	539.6	523.9	515.6	507.4	512.1
1453.2	45°	1146.5	893.6	640.8	583.1	525.4	508.3	493.0	485.0	477.0	480.9
1535.8	47.5°	1154.9	879.2	603.4	552.1	500.7	478.7	465.5	458.8	452.1	455.8
1612.4	50°	1149.4	863.4	577.4	531.5	485.6	456.6	441.3	435.4	429.4	435.2
1662.1	52.5°	1115.7	836.8	557.9	517.9	478.0	444.6	423.3	417.4	411.5	420.2
1651.1	55°	1046.0	792.7	539.4	508.1	476.8	445.8	413.7	404.4	395.1	407.4
1574.0	57.5°	942.4	730.5	518.6	496.5	474.4	447.0	407.9	394.4	380.8	394.0
1430.5	60°	803.4	649.7	496.0	478.7	461.3	443.2	402.5	384.9	367.3	378.9
1236.4	62.5°	646.9	553.1	459.2	447.7	436.2	434.0	396.2	374.2	352.3	359.6
1038.3	65°	509.9	466.1	422.3	416.9	411.4	411.7	382.9	359.6	336.2	339.0
844.3	67.5°	395.0	382.5	370.1	373.1	376.1	375.4	359.2	339.8	320.3	319.4
664.8	70°	299.2	302.7	306.3	320.4	334.5	334.5	329.1	315.3	301.5	298.4
508.2	72.5°	230.8	241.5	252.3	272.3	292.2	295.6	295.7	286.2	276.7	272.2
368.9	75°	179.2	188.9	198.7	221.1	243.5	258.9	257.6	250.3	243.0	238.7
250.0	77.5°	138.0	144.6	151.2	173.0	194.7	220.2	219.5	213.7	207.8	203.4
161.0	80°	103.4	106.2	108.9	127.3	145.7	176.2	176.1	171.2	166.3	162.6
99.1	82.5°	73.9	74.4	74.9	88.5	102.1	128.1	129.5	127.1	124.7	122.1
53.0	85°	44.7	44.5	44.2	54.1	64.0	83.4	85.3	82.7	80.1	77.2
22.0	87.5°	19.6	19.4	19.1	23.2	27.2	35.3	37.7	36.6	35.6	35.1
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°
892.6	0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6
858.3	2.5°	853.1	848.0	842.8	837.6	833.6	829.5	826.3	823.0	820.5	818.0
829.8	5°	820.6	811.5	803.1	794.8	788.4	781.9	777.5	773.0	769.8	766.6
812.3	7.5°	800.7	789.1	778.9	768.8	761.1	753.5	748.2	742.8	739.2	735.5
811.8	10°	799.4	786.9	775.4	764.0	754.8	745.7	739.7	733.7	730.3	726.8
829.1	12.5°	819.3	809.6	797.7	785.9	774.2	762.6	754.9	747.2	743.3	739.5
857.3	15°	854.8	852.2	841.9	831.6	815.0	798.4	786.7	775.0	769.6	764.3
881.0	17.5°	888.9	896.8	888.5	880.2	858.3	836.3	819.1	801.8	793.9	785.9
885.0	20°	901.6	918.3	914.4	910.5	885.4	860.4	839.2	818.1	807.9	797.7
862.4	22.5°	884.0	905.6	907.9	910.2	886.2	862.3	840.5	818.7	807.9	797.2
821.7	25°	842.9	864.2	872.2	880.1	860.4	840.8	821.4	802.1	792.8	783.5
775.8	27.5°	792.9	810.0	818.8	827.7	813.7	799.7	784.6	769.6	763.4	757.1
729.8	30°	744.0	758.1	765.3	772.5	761.9	751.2	740.4	729.6	726.4	723.2
683.1	32.5°	696.7	710.3	718.3	726.3	716.5	706.7	698.1	689.5	687.4	685.3
637.7	35°	651.2	664.6	674.2	683.8	676.8	669.9	661.9	654.0	650.8	647.7
594.4	37.5°	607.8	621.2	633.1	644.9	641.7	638.5	631.2	623.9	618.1	612.3
553.9	40°	566.8	579.8	593.4	607.1	607.9	608.6	602.4	596.2	587.8	579.5
516.8	42.5°	529.0	541.3	556.1	570.8	574.7	578.7	573.4	568.2	557.8	547.3
484.9	45°	496.6	508.2	523.5	538.8	544.4	550.1	545.3	540.6	528.7	516.8
459.5	47.5°	470.9	482.2	497.3	512.4	518.9	525.4	522.1	518.8	508.2	497.6
441.0	50°	451.7	462.5	475.9	489.4	497.8	506.2	505.9	505.8	497.3	488.8
428.8	52.5°	438.7	448.5	461.1	473.7	483.6	493.5	495.3	497.0	490.1	483.2
419.6	55°	430.3	440.9	451.9	462.9	473.4	483.9	486.4	488.8	482.8	476.8
407.2	57.5°	419.7	432.2	443.1	454.0	464.6	475.1	477.6	480.1	474.0	467.9
390.5	60°	404.8	419.2	430.2	441.3	451.9	462.6	465.3	468.0	462.1	456.1
367.0	62.5°	383.7	400.4	412.2	424.0	433.7	443.5	446.1	448.8	443.4	438.0
341.8	65°	359.7	377.6	388.9	400.2	408.8	417.3	420.0	422.7	417.5	412.4
318.5	67.5°	335.0	351.6	362.3	373.0	380.4	387.8	390.4	393.0	388.3	383.5
295.3	70°	309.8	324.4	333.6	342.8	349.5	356.2	358.7	361.3	357.4	353.5
267.7	72.5°	279.1	290.5	298.9	307.2	313.8	320.3	323.3	326.3	323.1	319.9
234.3	75°	242.8	251.3	258.9	266.5	272.4	278.4	281.5	284.7	283.1	281.5
199.1	77.5°	206.0	212.9	219.4	225.9	232.1	238.4	241.3	244.3	242.1	239.8
158.9	80°	164.7	170.4	175.9	181.4	186.1	190.8	194.7	198.7	197.7	196.8
119.5	82.5°	119.1	118.6	116.7	114.7	124.9	135.0	141.7	148.3	147.9	147.4
74.3	85°	71.9	69.4	64.0	58.7	68.2	77.7	86.0	94.2	93.5	92.8
34.5	87.5°	34.4	34.3	30.3	26.2	30.2	34.2	37.5	40.8	40.0	39.1
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°
892.6	0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6
815.6	2.5°	813.3	810.4	813.3	815.6	818.0	820.5	823.0	826.3	829.5	833.6
764.2	5°	761.7	759.3	761.7	764.2	766.6	769.8	773.0	777.5	781.9	788.4
733.3	7.5°	731.2	729.5	731.2	733.3	735.5	739.2	742.8	748.2	753.5	761.1
724.9	10°	723.1	722.3	723.1	724.9	726.8	730.3	733.7	739.7	745.7	754.8
737.9	12.5°	736.3	736.0	736.3	737.9	739.5	743.3	747.2	754.9	762.6	774.2
762.2	15°	760.2	760.0	760.2	762.2	764.3	769.6	775.0	786.7	798.4	815.0
783.3	17.5°	780.6	780.2	780.6	783.3	785.9	793.9	801.8	819.1	836.3	858.3
794.4	20°	791.2	790.2	791.2	794.4	797.7	807.9	818.1	839.2	860.4	885.4
793.6	22.5°	790.0	788.4	790.0	793.6	797.2	807.9	818.7	840.5	862.3	886.2
780.1	25°	776.7	774.7	776.7	780.1	783.5	792.8	802.1	821.4	840.8	860.4
755.6	27.5°	754.0	753.5	754.0	755.6	757.1	763.4	769.6	784.6	799.7	813.7
723.2	30°	723.2	723.7	723.2	723.2	723.2	726.4	729.6	740.4	751.2	761.9
685.6	32.5°	685.9	686.4	685.9	685.6	685.3	687.4	689.5	698.1	706.7	716.5
647.0	35°	646.3	646.0	646.3	647.0	647.7	650.8	654.0	661.9	669.9	676.8
609.3	37.5°	606.2	604.5	606.2	609.3	612.3	618.1	623.9	631.2	638.5	641.7
573.8	40°	568.1	564.8	568.1	573.8	579.5	587.8	596.2	602.4	608.6	607.9
539.1	42.5°	530.8	525.4	530.8	539.1	547.3	557.8	568.2	573.4	578.7	574.7
507.1	45°	497.4	491.2	497.4	507.1	516.8	528.7	540.6	545.3	550.1	544.4
488.6	47.5°	479.7	473.7	479.7	488.6	497.6	508.2	518.8	522.1	525.4	518.9
480.5	50°	472.2	466.5	472.2	480.5	488.8	497.3	505.8	505.9	506.2	497.8
475.8	52.5°	468.4	463.1	468.4	475.8	483.2	490.1	497.0	495.3	493.5	483.6
470.3	55°	463.8	459.0	463.8	470.3	476.8	482.8	488.8	486.4	483.9	473.4
461.5	57.5°	455.0	450.1	455.0	461.5	467.9	474.0	480.1	477.6	475.1	464.6
449.5	60°	442.9	437.7	442.9	449.5	456.1	462.1	468.0	465.3	462.6	451.9
431.0	62.5°	424.0	417.9	424.0	431.0	438.0	443.4	448.8	446.1	443.5	433.7
405.6	65°	398.8	393.5	398.8	405.6	412.4	417.5	422.7	420.0	417.3	408.8
377.2	67.5°	370.9	366.1	370.9	377.2	383.5	388.3	393.0	390.4	387.8	380.4
347.5	70°	341.5	336.0	341.5	347.5	353.5	357.4	361.3	358.7	356.2	349.5
314.1	72.5°	308.4	303.1	308.4	314.1	319.9	323.1	326.3	323.3	320.3	313.8
276.7	75°	271.9	266.8	271.9	276.7	281.5	283.1	284.7	281.5	278.4	272.4
235.0	77.5°	230.1	226.1	230.1	235.0	239.8	242.1	244.3	241.3	238.4	232.1
190.2	80°	183.7	176.0	183.7	190.2	196.8	197.7	198.7	194.7	190.8	186.1
141.9	82.5°	136.4	131.5	136.4	141.9	147.4	147.9	148.3	141.7	135.0	124.9
88.5	85°	84.2	79.8	84.2	88.5	92.8	93.5	94.2	86.0	77.7	68.2
36.9	87.5°	34.7	32.5	34.7	36.9	39.1	40.0	40.8	37.5	34.2	30.2
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°
892.6	0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6	892.6
837.6	2.5°	842.8	848.0	853.1	858.3	864.2	870.1	876.7	883.3	891.4	898.7
794.8	5°	803.1	811.5	820.6	829.8	840.2	850.6	863.0	875.4	889.7	904.0
768.8	7.5°	778.9	789.1	800.7	812.3	826.0	839.7	856.1	872.6	891.0	910.7
764.0	10°	775.4	786.9	799.4	811.8	825.5	839.2	856.6	874.0	893.8	918.0
785.9	12.5°	797.7	809.6	819.3	829.1	838.2	847.3	861.5	875.7	894.1	919.6
831.6	15°	841.9	852.2	854.8	857.3	856.1	854.8	861.6	868.4	883.1	911.3
880.2	17.5°	888.5	896.8	888.9	881.0	866.1	851.1	848.7	846.2	855.2	888.4
910.5	20°	914.4	918.3	901.6	885.0	859.1	833.1	821.5	809.9	812.3	850.9
910.2	22.5°	907.9	905.6	884.0	862.4	832.7	803.1	785.9	768.7	764.0	807.9
880.1	25°	872.2	864.2	842.9	821.7	795.0	768.4	748.5	728.7	716.0	761.0
827.7	27.5°	818.8	810.0	792.9	775.8	754.0	732.1	712.9	693.7	678.3	719.3
772.5	30°	765.3	758.1	744.0	729.8	711.7	693.5	678.2	663.0	650.9	685.4
726.3	32.5°	718.3	710.3	696.7	683.1	668.6	654.1	645.1	636.1	630.7	658.5
683.8	35°	674.2	664.6	651.2	637.7	626.7	615.7	613.2	610.7	612.9	636.0
644.9	37.5°	633.1	621.2	607.8	594.4	586.5	578.6	581.3	584.0	592.2	612.4
607.1	40°	593.4	579.8	566.8	553.9	548.2	542.5	548.7	554.9	567.4	585.7
570.8	42.5°	556.1	541.3	529.0	516.8	512.1	507.4	515.6	523.9	539.6	556.5
538.8	45°	523.5	508.2	496.6	484.9	480.9	477.0	485.0	493.0	508.3	525.4
512.4	47.5°	497.3	482.2	470.9	459.5	455.8	452.1	458.8	465.5	478.7	500.7
489.4	50°	475.9	462.5	451.7	441.0	435.2	429.4	435.4	441.3	456.6	485.6
473.7	52.5°	461.1	448.5	438.7	428.8	420.2	411.5	417.4	423.3	444.6	478.0
462.9	55°	451.9	440.9	430.3	419.6	407.4	395.1	404.4	413.7	445.8	476.8
454.0	57.5°	443.1	432.2	419.7	407.2	394.0	380.8	394.4	407.9	447.0	474.4
441.3	60°	430.2	419.2	404.8	390.5	378.9	367.3	384.9	402.5	443.2	461.3
424.0	62.5°	412.2	400.4	383.7	367.0	359.6	352.3	374.2	396.2	434.0	436.2
400.2	65°	388.9	377.6	359.7	341.8	339.0	336.2	359.6	382.9	411.7	411.4
373.0	67.5°	362.3	351.6	335.0	318.5	319.4	320.3	339.8	359.2	375.4	376.1
342.8	70°	333.6	324.4	309.8	295.3	298.4	301.5	315.3	329.1	334.5	334.5
307.2	72.5°	298.9	290.5	279.1	267.7	272.2	276.7	286.2	295.7	295.6	292.2
266.5	75°	258.9	251.3	242.8	234.3	238.7	243.0	250.3	257.6	258.9	243.5
225.9	77.5°	219.4	212.9	206.0	199.1	203.4	207.8	213.7	219.5	220.2	194.7
181.4	80°	175.9	170.4	164.7	158.9	162.6	166.3	171.2	176.1	176.2	145.7
114.7	82.5°	116.7	118.6	119.1	119.5	122.1	124.7	127.1	129.5	128.1	102.1
58.7	85°	64.0	69.4	71.9	74.3	77.2	80.1	82.7	85.3	83.4	64.0
26.2	87.5°	30.3	34.3	34.4	34.5	35.1	35.6	36.6	37.7	35.3	27.2
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):

325°		330°	335°	340°	345°	350°	355°	360°
892.6	0°	892.6	892.6	892.6	892.6	892.6	892.6	892.6
906.2	2.5°	913.7	921.6	929.5	937.3	945.1	952.5	959.9
919.3	5°	934.5	950.8	967.2	983.4	999.6	1015.9	1032.1
931.9	7.5°	953.2	977.3	1001.5	1026.3	1051.1	1077.9	1104.8
943.2	10°	968.3	997.7	1027.0	1059.7	1092.5	1126.5	1160.4
948.0	12.5°	976.5	1011.1	1045.7	1082.8	1119.9	1157.2	1194.5
944.3	15°	977.2	1017.1	1056.9	1097.2	1137.5	1176.3	1215.2
928.0	17.5°	967.6	1013.9	1060.1	1104.1	1148.0	1187.4	1226.9
900.0	20°	949.1	1005.1	1061.1	1109.4	1157.7	1198.7	1239.7
867.1	22.5°	926.2	994.4	1062.5	1116.7	1170.9	1212.7	1254.6
830.3	25°	899.6	983.7	1067.9	1129.9	1191.7	1232.7	1273.8
796.7	27.5°	874.1	976.7	1079.2	1150.4	1221.5	1260.7	1299.8
768.6	30°	851.9	973.3	1094.7	1177.0	1259.3	1297.1	1334.9
744.4	32.5°	830.3	969.2	1108.1	1204.8	1301.5	1338.9	1376.4
720.6	35°	805.2	961.5	1117.9	1236.4	1355.0	1390.9	1426.7
692.6	37.5°	772.8	948.2	1123.7	1271.9	1420.1	1465.8	1511.5
659.2	40°	732.6	930.0	1127.4	1316.9	1506.4	1573.0	1639.6
622.3	42.5°	688.0	911.1	1134.3	1375.8	1617.2	1713.3	1809.5
583.1	45°	640.8	893.6	1146.5	1453.2	1760.0	1889.6	2019.2
552.1	47.5°	603.4	879.2	1154.9	1535.8	1916.7	2099.1	2281.6
531.5	50°	577.4	863.4	1149.4	1612.4	2075.3	2350.4	2625.5
517.9	52.5°	557.9	836.8	1115.7	1662.1	2208.5	2614.3	3020.2
508.1	55°	539.4	792.7	1046.0	1651.1	2256.3	2848.3	3440.5
496.5	57.5°	518.6	730.5	942.4	1574.0	2205.7	3014.2	3822.7
478.7	60°	496.0	649.7	803.4	1430.5	2057.5	3055.6	4053.7
447.7	62.5°	459.2	553.1	646.9	1236.4	1825.8	2881.1	3936.4
416.9	65°	422.3	466.1	509.9	1038.3	1566.8	2634.2	3701.6
373.1	67.5°	370.1	382.5	395.0	844.3	1293.7	2340.4	3387.0
320.4	70°	306.3	302.7	299.2	664.8	1030.4	2019.8	3009.1
272.3	72.5°	252.3	241.5	230.8	508.2	785.7	1672.2	2558.7
221.1	75°	198.7	188.9	179.2	368.9	558.6	1273.7	1988.9
173.0	77.5°	151.2	144.6	138.0	250.0	362.0	891.5	1421.1
127.3	80°	108.9	106.2	103.4	161.0	218.7	574.4	930.1
88.5	82.5°	74.9	74.4	73.9	99.1	124.3	332.4	540.6
54.1	85°	44.2	44.5	44.7	53.0	61.2	149.5	237.9
23.2	87.5°	19.1	19.4	19.6	22.0	24.3	49.0	73.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)