

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: P945722

Luminaire Tested: **GALN-SB1C-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945722
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-830-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6707 lumens
Efficiency: N/A
Efficacy: 123.3 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

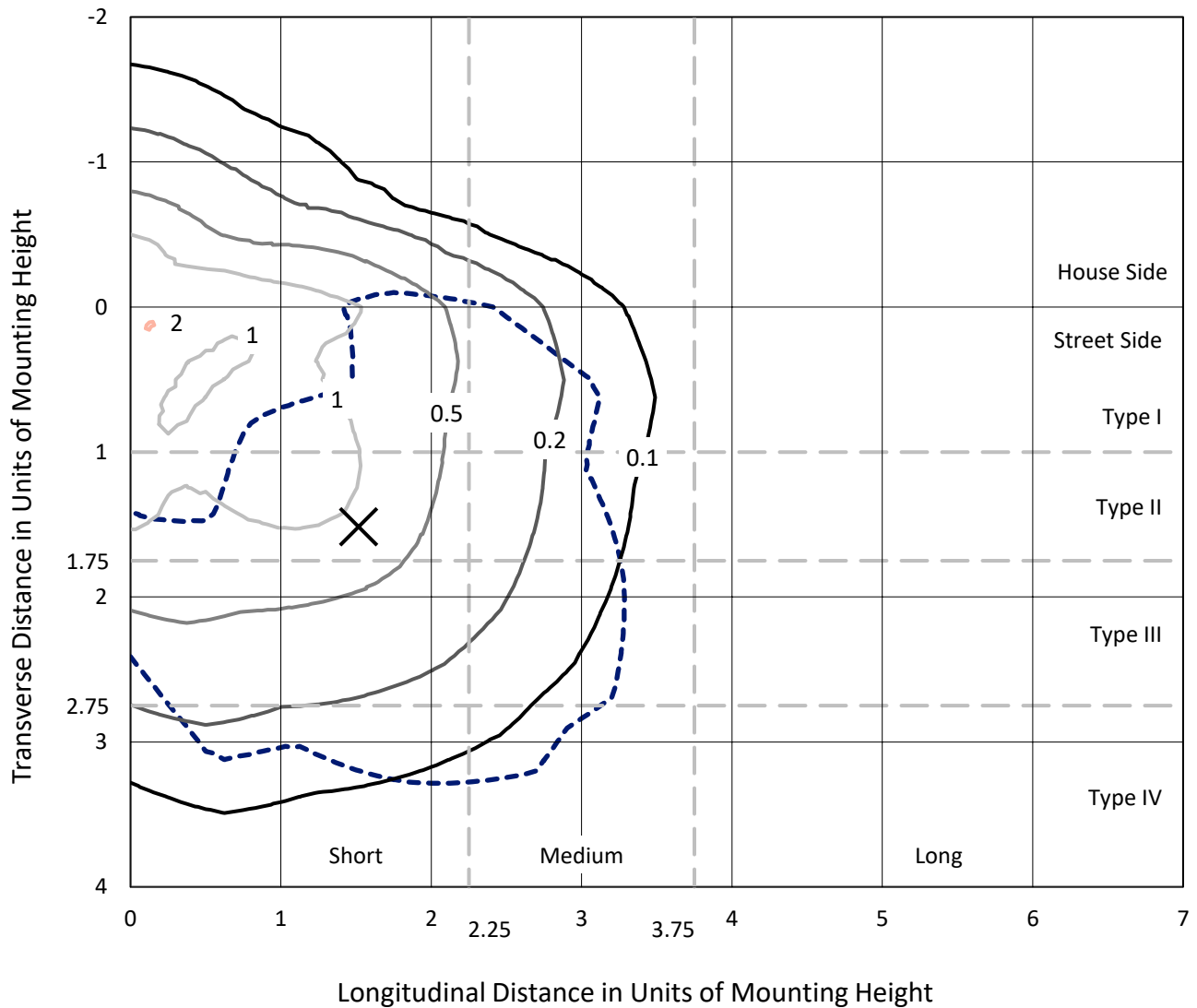
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

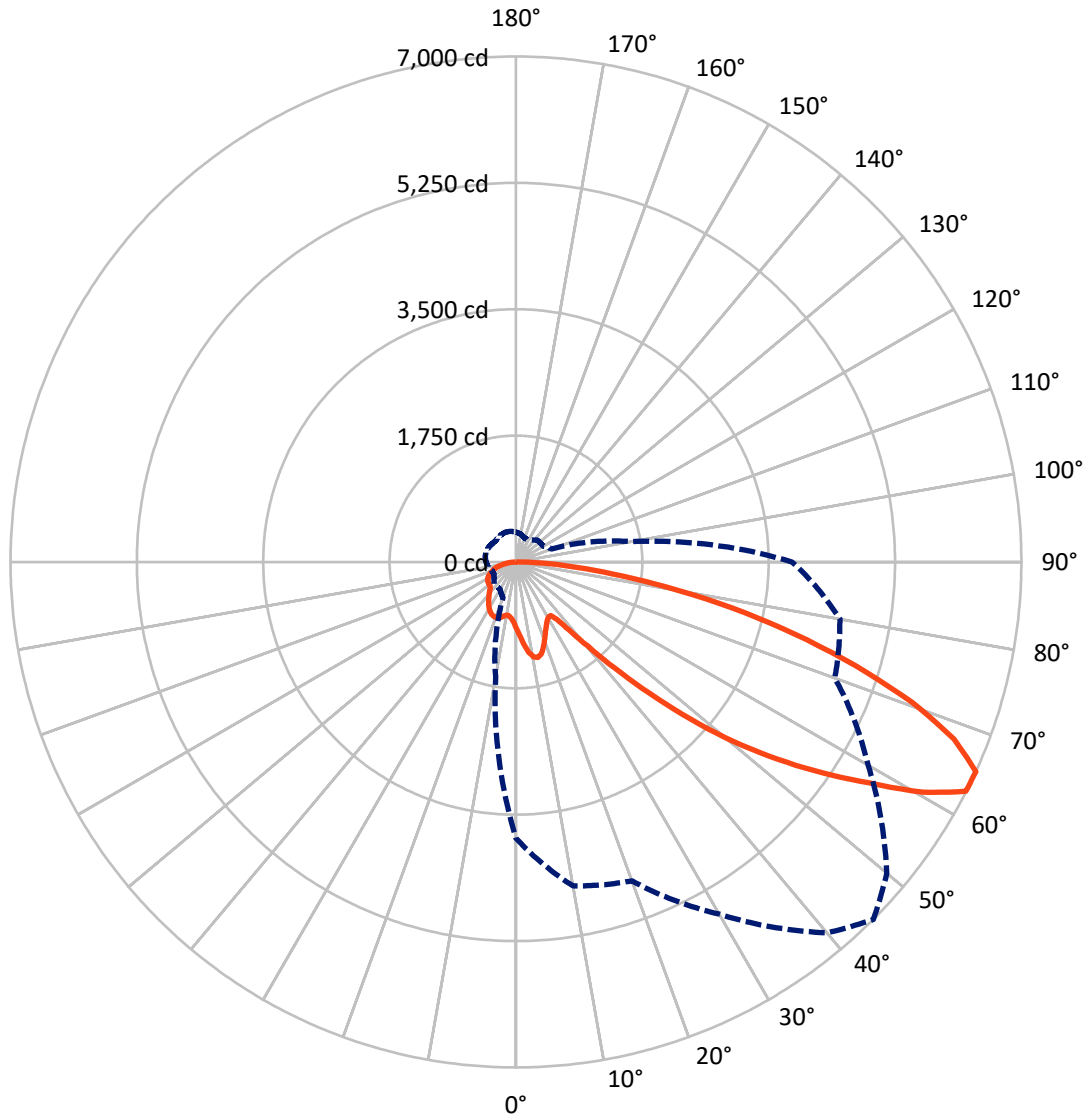
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 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	1704.6	0.0	1704.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5002.4	0.0	5002.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	6707.0	0.0	6707.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	1.4
10°-20°	287.2	4.3
20°-30°	443.6	6.6
30°-40°	562.2	8.4
40°-50°	847.9	12.6
50°-60°	1369.9	20.4
60°-70°	1707.8	25.5
70°-80°	1119.9	16.7
80°-90°	276.9	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°	6707.0	100.0
0°-180°	6707.0	100.0

Coefficient of Utilization



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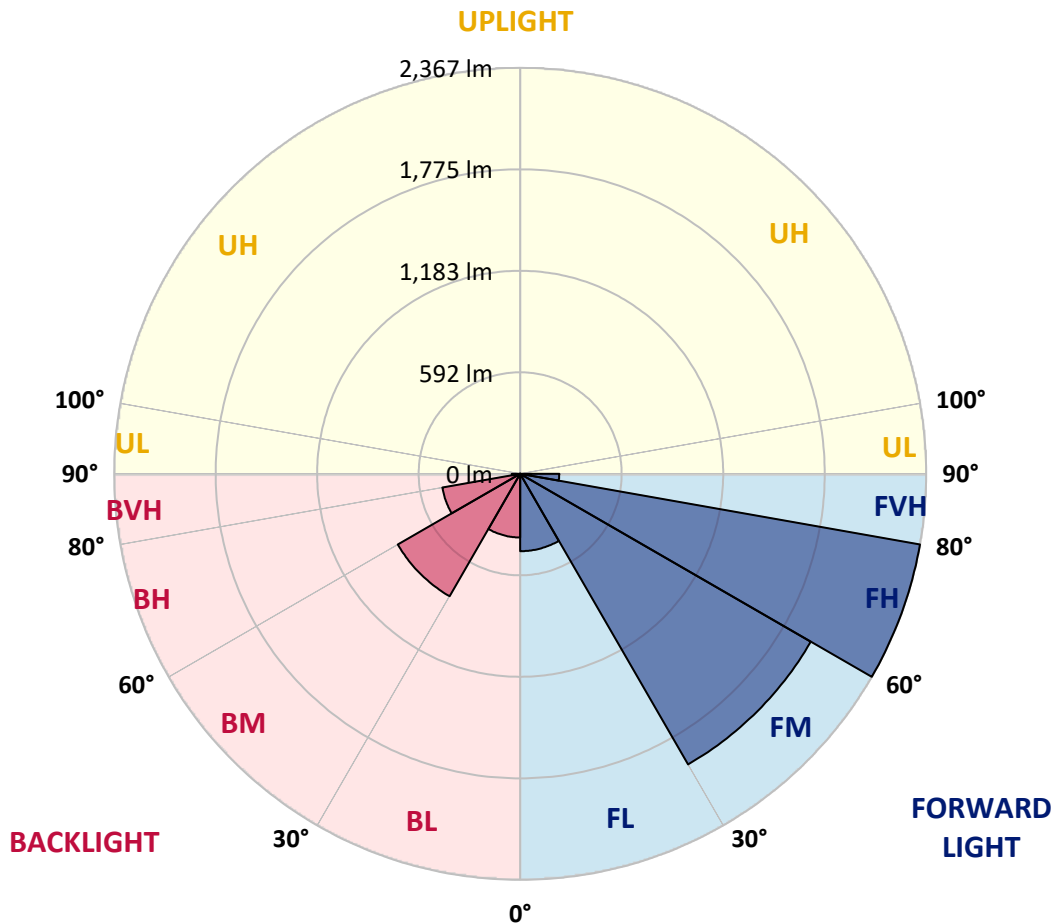
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	451.1	6.7			
FM (30°-60°)	1956.3	29.2			
FH (60°-80°)	2366.9	35.3			G2/5000
FVH (80°-90°)	228.1	3.4			G3/500
BL (0°-30°)	371.2	5.5	B1/500		
BM (30°-60°)	823.8	12.3	B1/1000		
BH (60°-80°)	460.8	6.9	B1/500		G1/500
BVH (80°-90°)	48.8	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°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
2.5°	991.8	995.6	999.4	1004.7	1010.0	1013.2	1016.4	1018.0	1019.6	1018.9
5°	1066.5	1079.6	1092.8	1105.8	1118.9	1125.9	1133.0	1137.3	1141.6	1144.9
7.5°	1141.5	1162.9	1184.2	1203.4	1222.7	1234.2	1245.8	1252.1	1258.3	1261.3
10°	1199.0	1224.3	1249.6	1272.1	1294.6	1308.3	1321.9	1328.0	1334.0	1336.3
12.5°	1234.2	1261.6	1289.0	1309.4	1329.7	1339.6	1349.5	1352.8	1356.2	1356.5
15°	1255.6	1279.3	1302.9	1315.7	1328.5	1328.8	1329.2	1325.6	1322.1	1317.9
17.5°	1267.7	1283.6	1299.6	1299.8	1300.1	1285.7	1271.4	1258.3	1245.1	1235.8
20°	1281.0	1286.5	1292.1	1275.3	1258.5	1226.8	1195.2	1172.2	1149.1	1135.0
22.5°	1296.3	1289.1	1281.8	1246.9	1212.1	1165.6	1119.0	1090.2	1061.4	1045.8
25°	1316.2	1293.2	1270.2	1217.3	1164.4	1107.9	1051.4	1021.1	990.9	976.1
27.5°	1343.1	1301.9	1260.8	1190.7	1120.7	1058.1	995.5	965.7	935.9	921.9
30°	1379.3	1318.0	1256.7	1170.5	1084.3	1019.0	953.8	926.1	898.5	885.5
32.5°	1422.2	1338.2	1254.2	1156.7	1059.2	997.8	936.5	914.8	893.1	883.7
35°	1474.2	1371.4	1268.7	1167.0	1065.4	1022.8	980.2	975.2	970.1	969.3
37.5°	1561.8	1440.9	1320.0	1227.6	1135.2	1132.5	1129.7	1152.9	1176.0	1188.1
40°	1694.1	1562.7	1431.2	1362.5	1293.8	1342.3	1390.8	1447.0	1503.3	1531.3
42.5°	1869.7	1739.2	1608.8	1569.2	1529.6	1635.4	1741.1	1843.5	1945.8	2005.9
45°	2086.4	1969.3	1852.0	1834.6	1817.1	1986.5	2156.0	2324.1	2492.4	2594.5
47.5°	2357.5	2243.5	2129.5	2126.0	2122.4	2366.8	2611.2	2857.4	3103.5	3248.1
50°	2712.8	2572.0	2431.2	2431.8	2432.4	2747.4	3062.4	3387.4	3712.4	3908.9
52.5°	3120.7	2950.2	2779.7	2762.5	2745.2	3121.5	3497.7	3899.8	4301.9	4537.4
55°	3555.0	3386.5	3218.0	3150.8	3083.6	3502.4	3921.1	4400.4	4879.8	5159.9
57.5°	3949.9	3858.2	3766.4	3631.6	3496.8	3919.6	4342.5	4885.4	5428.3	5775.7
60°	4188.6	4331.1	4473.6	4306.2	4138.8	4538.9	4939.1	5520.4	6101.7	6477.1
62.5°	4067.4	4456.7	4846.1	4827.2	4808.3	5174.8	5541.4	6094.5	6647.5	6994.5
65°	3824.8	4190.2	4555.6	4627.9	4700.2	5166.0	5631.8	6168.1	6704.4	6999.8
67.5°	3499.7	3847.3	4194.8	4228.7	4262.6	4747.9	5233.2	5771.8	6310.4	6541.9
70°	3109.2	3487.2	3865.3	3880.4	3895.6	4329.6	4763.6	5227.1	5690.6	5819.2
72.5°	2643.8	3077.6	3511.4	3522.3	3533.2	3872.8	4212.3	4559.5	4906.6	4919.6
75°	2055.1	2504.1	2953.0	2993.3	3033.7	3297.8	3562.0	3806.4	4050.8	3985.3
77.5°	1468.3	1887.4	2306.6	2364.2	2421.9	2622.8	2823.6	2996.9	3170.3	3057.7
80°	961.0	1313.6	1666.2	1737.9	1809.6	1961.3	2112.9	2203.9	2294.9	2113.9
82.5°	558.6	799.7	1040.8	1120.8	1201.0	1305.4	1409.8	1447.7	1485.7	1343.4
85°	245.8	373.7	501.7	569.8	637.9	723.7	809.4	831.0	852.6	738.6
87.5°	76.1	119.1	162.1	200.1	238.1	281.0	323.9	325.7	327.5	275.0
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
1019.6	2.5°	1018.0	1016.4	1013.2	1010.0	1004.7	999.4	995.6	991.8	984.2	976.6
1141.6	5°	1137.3	1133.0	1125.9	1118.9	1105.8	1092.8	1079.6	1066.5	1049.7	1032.9
1258.3	7.5°	1252.1	1245.8	1234.2	1222.7	1203.4	1184.2	1162.9	1141.5	1113.8	1086.1
1334.0	10°	1328.0	1321.9	1308.3	1294.6	1272.1	1249.6	1224.3	1199.0	1164.0	1128.9
1356.2	12.5°	1352.8	1349.5	1339.6	1329.7	1309.4	1289.0	1261.6	1234.2	1195.7	1157.2
1322.1	15°	1325.6	1329.2	1328.8	1328.5	1315.7	1302.9	1279.3	1255.6	1215.5	1175.3
1245.1	17.5°	1258.3	1271.4	1285.7	1300.1	1299.8	1299.6	1283.6	1267.7	1226.9	1186.2
1149.1	20°	1172.2	1195.2	1226.8	1258.5	1275.3	1292.1	1286.5	1281.0	1238.6	1196.3
1061.4	22.5°	1090.2	1119.0	1165.6	1212.1	1246.9	1281.8	1289.1	1296.3	1253.1	1209.8
990.9	25°	1021.1	1051.4	1107.9	1164.4	1217.3	1270.2	1293.2	1316.2	1273.8	1231.4
935.9	27.5°	965.7	995.5	1058.1	1120.7	1190.7	1260.8	1301.9	1343.1	1302.6	1262.2
898.5	30°	926.1	953.8	1019.0	1084.3	1170.5	1256.7	1318.0	1379.3	1340.3	1301.2
893.1	32.5°	914.8	936.5	997.8	1059.2	1156.7	1254.2	1338.2	1422.2	1383.5	1344.8
970.1	35°	975.2	980.2	1022.8	1065.4	1167.0	1268.7	1371.4	1474.2	1437.2	1400.1
1176.0	37.5°	1152.9	1129.7	1132.5	1135.2	1227.6	1320.0	1440.9	1561.8	1514.6	1467.4
1503.3	40°	1447.0	1390.8	1342.3	1293.8	1362.5	1431.2	1562.7	1694.1	1625.3	1556.5
1945.8	42.5°	1843.5	1741.1	1635.4	1529.6	1569.2	1608.8	1739.2	1869.7	1770.4	1671.1
2492.4	45°	2324.1	2156.0	1986.5	1817.1	1834.6	1852.0	1969.3	2086.4	1952.5	1818.5
3103.5	47.5°	2857.4	2611.2	2366.8	2122.4	2126.0	2129.5	2243.5	2357.5	2169.0	1980.4
3712.4	50°	3387.4	3062.4	2747.4	2432.4	2431.8	2431.2	2572.0	2712.8	2428.6	2144.4
4301.9	52.5°	3899.8	3497.7	3121.5	2745.2	2762.5	2779.7	2950.2	3120.7	2701.3	2282.0
4879.8	55°	4400.4	3921.1	3502.4	3083.6	3150.8	3218.0	3386.5	3555.0	2943.1	2331.3
5428.3	57.5°	4885.4	4342.5	3919.6	3496.8	3631.6	3766.4	3858.2	3949.9	3114.5	2279.1
6101.7	60°	5520.4	4939.1	4538.9	4138.8	4306.2	4473.6	4331.1	4188.6	3157.3	2126.0
6647.5	62.5°	6094.5	5541.4	5174.8	4808.3	4827.2	4846.1	4456.7	4067.4	2977.0	1886.6
6704.4	65°	6168.1	5631.8	5166.0	4700.2	4627.9	4555.6	4190.2	3824.8	2721.9	1618.9
6310.4	67.5°	5771.8	5233.2	4747.9	4262.6	4228.7	4194.8	3847.3	3499.7	2418.3	1336.8
5690.6	70°	5227.1	4763.6	4329.6	3895.6	3880.4	3865.3	3487.2	3109.2	2087.0	1064.7
4906.6	72.5°	4559.5	4212.3	3872.8	3533.2	3522.3	3511.4	3077.6	2643.8	1727.8	811.9
4050.8	75°	3806.4	3562.0	3297.8	3033.7	2993.3	2953.0	2504.1	2055.1	1316.1	577.1
3170.3	77.5°	2996.9	2823.6	2622.8	2421.9	2364.2	2306.6	1887.4	1468.3	921.2	374.0
2294.9	80°	2203.9	2112.9	1961.3	1809.6	1737.9	1666.2	1313.6	961.0	593.5	226.0
1485.7	82.5°	1447.7	1409.8	1305.4	1201.0	1120.8	1040.8	799.7	558.6	343.5	128.4
852.6	85°	831.0	809.4	723.7	637.9	569.8	501.7	373.7	245.8	154.5	63.3
327.5	87.5°	325.7	323.9	281.0	238.1	200.1	162.1	119.1	76.1	50.6	25.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
968.5	2.5°	960.4	952.3	944.1	936.4	928.6	921.0	912.6	905.8	899.1	893.0
1016.1	5°	999.4	982.5	965.6	949.9	934.1	919.3	904.6	891.8	878.9	868.2
1060.4	7.5°	1034.8	1009.9	984.9	962.9	941.0	920.7	901.7	884.6	867.6	853.4
1095.0	10°	1061.2	1030.9	1000.6	974.6	948.5	923.5	903.1	885.1	867.1	853.0
1118.8	12.5°	1080.5	1044.7	1009.0	979.6	950.2	923.9	904.9	890.1	875.5	866.1
1133.7	15°	1092.1	1050.9	1009.8	975.7	941.7	912.5	897.3	890.3	883.3	884.5
1140.8	17.5°	1095.4	1047.6	999.8	958.9	918.0	883.7	874.3	876.9	879.4	894.9
1146.4	20°	1096.5	1038.6	980.7	929.9	879.2	839.3	836.8	848.8	860.9	887.7
1153.9	22.5°	1097.9	1027.5	957.0	895.9	834.8	789.4	794.2	812.0	829.8	860.4
1167.5	25°	1103.5	1016.5	929.5	857.9	786.4	739.8	752.9	773.5	794.0	821.5
1188.7	27.5°	1115.1	1009.2	903.2	823.2	743.3	700.9	716.8	736.6	756.5	779.1
1216.2	30°	1131.1	1005.7	880.2	794.2	708.2	672.6	685.1	700.8	716.6	735.3
1244.9	32.5°	1144.9	1001.5	857.9	769.2	680.4	651.7	657.3	666.6	675.9	690.9
1277.6	35°	1155.1	993.5	832.0	744.6	657.2	633.3	631.0	633.6	636.1	647.6
1314.2	37.5°	1161.1	979.8	798.5	715.6	632.8	611.9	603.5	600.6	597.8	606.0
1360.7	40°	1164.9	960.9	757.0	681.1	605.2	586.2	573.3	566.9	560.5	566.4
1421.6	42.5°	1172.1	941.5	710.9	643.0	575.0	557.6	541.3	532.8	524.3	529.1
1501.6	45°	1184.7	923.4	662.1	602.5	542.9	525.2	509.4	501.2	492.9	497.0
1586.9	47.5°	1193.4	908.4	623.5	570.5	517.4	494.6	481.0	474.1	467.2	471.0
1666.0	50°	1187.7	892.2	596.6	549.2	501.8	471.8	456.0	449.8	443.7	449.7
1717.4	52.5°	1152.8	864.7	576.5	535.2	493.9	459.4	437.4	431.3	425.2	434.2
1706.1	55°	1080.8	819.1	557.3	525.0	492.7	460.6	427.4	417.8	408.2	420.9
1626.4	57.5°	973.8	754.8	535.8	513.0	490.2	461.8	421.5	407.5	393.5	407.1
1478.1	60°	830.2	671.4	512.5	494.6	476.6	458.0	415.9	397.8	379.6	391.6
1277.5	62.5°	668.5	571.5	474.5	462.6	450.7	448.4	409.4	386.7	364.0	371.6
1072.9	65°	526.9	481.6	436.4	430.7	425.1	425.4	395.7	371.5	347.4	350.3
872.4	67.5°	408.1	395.3	382.4	385.5	388.7	387.9	371.2	351.1	331.0	330.0
686.9	70°	309.1	312.8	316.5	331.0	345.6	345.6	340.1	325.8	311.5	308.3
525.2	72.5°	238.5	249.5	260.6	281.3	301.9	305.4	305.5	295.7	285.9	281.2
381.2	75°	185.2	195.2	205.3	228.4	251.6	267.6	266.2	258.7	251.1	246.6
258.3	77.5°	142.6	149.4	156.2	178.7	201.2	227.6	226.9	220.8	214.7	210.2
166.4	80°	106.9	109.7	112.5	131.6	150.6	182.1	182.0	176.9	171.8	168.0
102.3	82.5°	76.4	76.9	77.4	91.4	105.5	132.4	133.8	131.4	128.9	126.2
54.7	85°	46.2	45.9	45.7	55.9	66.2	86.2	88.1	85.5	82.8	79.8
22.7	87.5°	20.2	20.0	19.7	23.9	28.1	36.5	38.9	37.9	36.8	36.2
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
886.9	2.5°	881.5	876.2	870.8	865.5	861.3	857.2	853.8	850.4	847.8	845.2
857.4	5°	848.0	838.5	829.9	821.2	814.6	808.0	803.3	798.7	795.4	792.1
839.3	7.5°	827.4	815.4	804.8	794.3	786.4	778.6	773.1	767.5	763.8	760.0
838.8	10°	826.0	813.1	801.2	789.4	780.0	770.5	764.4	758.1	754.6	751.0
856.7	12.5°	846.6	836.6	824.3	812.0	800.0	788.0	780.0	772.0	768.0	764.1
885.8	15°	883.2	880.6	869.9	859.3	842.1	825.0	812.9	800.8	795.3	789.7
910.3	17.5°	918.5	926.7	918.1	909.5	886.8	864.2	846.3	828.5	820.3	812.0
914.5	20°	931.6	948.8	944.8	940.9	914.9	889.0	867.1	845.3	834.8	824.2
891.1	22.5°	913.4	935.7	938.1	940.5	915.7	890.9	868.4	845.9	834.8	823.7
849.0	25°	871.0	893.0	901.2	909.4	889.0	868.8	848.7	828.8	819.1	809.6
801.7	27.5°	819.3	836.9	846.0	855.2	840.7	826.3	810.8	795.2	788.8	782.3
754.1	30°	768.7	783.4	790.8	798.2	787.2	776.2	765.1	753.9	750.6	747.3
705.9	32.5°	719.9	733.9	742.2	750.5	740.3	730.2	721.3	712.4	710.2	708.1
659.0	35°	672.8	686.7	696.7	706.6	699.3	692.2	684.0	675.8	672.5	669.2
614.2	37.5°	628.0	641.9	654.2	666.4	663.1	659.7	652.2	644.6	638.7	632.7
572.3	40°	585.7	599.1	613.2	627.3	628.1	628.9	622.5	616.1	607.4	598.7
534.0	42.5°	546.6	559.3	574.6	589.8	593.8	597.9	592.5	587.1	576.3	565.5
501.1	45°	513.1	525.1	540.9	556.7	562.5	568.4	563.5	558.6	546.3	534.0
474.8	47.5°	486.5	498.3	513.9	529.4	536.2	542.9	539.5	536.1	525.1	514.1
455.6	50°	466.8	477.8	491.8	505.7	514.4	523.0	522.8	522.6	513.9	505.1
443.1	52.5°	453.3	463.4	476.4	489.4	499.7	509.9	511.7	513.6	506.4	499.3
433.6	55°	444.6	455.5	466.9	478.3	489.1	500.0	502.5	505.1	498.9	492.6
420.8	57.5°	433.7	446.6	457.8	469.1	480.0	490.9	493.5	496.1	489.8	483.5
403.5	60°	418.3	433.1	444.5	456.0	467.0	477.9	480.8	483.6	477.5	471.3
379.2	62.5°	396.4	413.7	425.9	438.1	448.2	458.2	461.0	463.7	458.1	452.6
353.2	65°	371.7	390.2	401.9	413.5	422.4	431.2	434.0	436.8	431.4	426.1
329.1	67.5°	346.2	363.3	374.4	385.4	393.0	400.7	403.4	406.1	401.2	396.3
305.1	70°	320.1	335.1	344.7	354.3	361.2	368.1	370.7	373.3	369.3	365.3
276.6	72.5°	288.4	300.2	308.8	317.5	324.2	331.0	334.1	337.2	333.9	330.5
242.1	75°	250.9	259.7	267.5	275.3	281.5	287.7	290.9	294.2	292.5	290.9
205.7	77.5°	212.8	220.0	226.7	233.4	239.9	246.3	249.4	252.4	250.1	247.8
164.2	80°	170.2	176.1	181.7	187.4	192.3	197.2	201.2	205.3	204.3	203.3
123.5	82.5°	123.0	122.5	120.5	118.6	129.0	139.5	146.4	153.2	152.8	152.4
76.8	85°	74.2	71.7	66.2	60.7	70.5	80.3	88.8	97.3	96.6	95.9
35.7	87.5°	35.6	35.5	31.3	27.1	31.2	35.3	38.8	42.2	41.3	40.4
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
842.8	2.5°	840.3	837.3	840.3	842.8	845.2	847.8	850.4	853.8	857.2	861.3
789.6	5°	787.1	784.6	787.1	789.6	792.1	795.4	798.7	803.3	808.0	814.6
757.7	7.5°	755.5	753.8	755.5	757.7	760.0	763.8	767.5	773.1	778.6	786.4
749.1	10°	747.2	746.4	747.2	749.1	751.0	754.6	758.1	764.4	770.5	780.0
762.4	12.5°	760.8	760.5	760.8	762.4	764.1	768.0	772.0	780.0	788.0	800.0
787.6	15°	785.5	785.3	785.5	787.6	789.7	795.3	800.8	812.9	825.0	842.1
809.3	17.5°	806.6	806.2	806.6	809.3	812.0	820.3	828.5	846.3	864.2	886.8
820.9	20°	817.5	816.5	817.5	820.9	824.2	834.8	845.3	867.1	889.0	914.9
820.0	22.5°	816.3	814.7	816.3	820.0	823.7	834.8	845.9	868.4	890.9	915.7
806.0	25°	802.6	800.5	802.6	806.0	809.6	819.1	828.8	848.7	868.8	889.0
780.7	27.5°	779.1	778.6	779.1	780.7	782.3	788.8	795.2	810.8	826.3	840.7
747.3	30°	747.3	747.8	747.3	747.3	747.3	750.6	753.9	765.1	776.2	787.2
708.4	32.5°	708.7	709.2	708.7	708.4	708.1	710.2	712.4	721.3	730.2	740.3
668.5	35°	667.8	667.5	667.8	668.5	669.2	672.5	675.8	684.0	692.2	699.3
629.6	37.5°	626.4	624.6	626.4	629.6	632.7	638.7	644.6	652.2	659.7	663.1
592.9	40°	587.1	583.6	587.1	592.9	598.7	607.4	616.1	622.5	628.9	628.1
557.0	42.5°	548.5	542.9	548.5	557.0	565.5	576.3	587.1	592.5	597.9	593.8
524.0	45°	513.9	507.5	513.9	524.0	534.0	546.3	558.6	563.5	568.4	562.5
504.9	47.5°	495.6	489.4	495.6	504.9	514.1	525.1	536.1	539.5	542.9	536.2
496.5	50°	488.0	482.0	488.0	496.5	505.1	513.9	522.6	522.8	523.0	514.4
491.6	52.5°	484.0	478.5	484.0	491.6	499.3	506.4	513.6	511.7	509.9	499.7
485.9	55°	479.2	474.2	479.2	485.9	492.6	498.9	505.1	502.5	500.0	489.1
476.8	57.5°	470.2	465.0	470.2	476.8	483.5	489.8	496.1	493.5	490.9	480.0
464.5	60°	457.6	452.3	457.6	464.5	471.3	477.5	483.6	480.8	477.9	467.0
445.4	62.5°	438.1	431.8	438.1	445.4	452.6	458.1	463.7	461.0	458.2	448.2
419.1	65°	412.1	406.6	412.1	419.1	426.1	431.4	436.8	434.0	431.2	422.4
389.8	67.5°	383.3	378.3	383.3	389.8	396.3	401.2	406.1	403.4	400.7	393.0
359.1	70°	352.8	347.2	352.8	359.1	365.3	369.3	373.3	370.7	368.1	361.2
324.6	72.5°	318.7	313.2	318.7	324.6	330.5	333.9	337.2	334.1	331.0	324.2
285.9	75°	280.9	275.7	280.9	285.9	290.9	292.5	294.2	290.9	287.7	281.5
242.8	77.5°	237.8	233.6	237.8	242.8	247.8	250.1	252.4	249.4	246.3	239.9
196.6	80°	189.8	181.9	189.8	196.6	203.3	204.3	205.3	201.2	197.2	192.3
146.7	82.5°	140.9	135.9	140.9	146.7	152.4	152.8	153.2	146.4	139.5	129.0
91.4	85°	87.0	82.5	87.0	91.4	95.9	96.6	97.3	88.8	80.3	70.5
38.2	87.5°	35.8	33.6	35.8	38.2	40.4	41.3	42.2	38.8	35.3	31.2
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°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3	922.3
865.5	2.5°	870.8	876.2	881.5	886.9	893.0	899.1	905.8	912.6	921.0	928.6
821.2	5°	829.9	838.5	848.0	857.4	868.2	878.9	891.8	904.6	919.3	934.1
794.3	7.5°	804.8	815.4	827.4	839.3	853.4	867.6	884.6	901.7	920.7	941.0
789.4	10°	801.2	813.1	826.0	838.8	853.0	867.1	885.1	903.1	923.5	948.5
812.0	12.5°	824.3	836.6	846.6	856.7	866.1	875.5	890.1	904.9	923.9	950.2
859.3	15°	869.9	880.6	883.2	885.8	884.5	883.3	890.3	897.3	912.5	941.7
909.5	17.5°	918.1	926.7	918.5	910.3	894.9	879.4	876.9	874.3	883.7	918.0
940.9	20°	944.8	948.8	931.6	914.5	887.7	860.9	848.8	836.8	839.3	879.2
940.5	22.5°	938.1	935.7	913.4	891.1	860.4	829.8	812.0	794.2	789.4	834.8
909.4	25°	901.2	893.0	871.0	849.0	821.5	794.0	773.5	752.9	739.8	786.4
855.2	27.5°	846.0	836.9	819.3	801.7	779.1	756.5	736.6	716.8	700.9	743.3
798.2	30°	790.8	783.4	768.7	754.1	735.3	716.6	700.8	685.1	672.6	708.2
750.5	32.5°	742.2	733.9	719.9	705.9	690.9	675.9	666.6	657.3	651.7	680.4
706.6	35°	696.7	686.7	672.8	659.0	647.6	636.1	633.6	631.0	633.3	657.2
666.4	37.5°	654.2	641.9	628.0	614.2	606.0	597.8	600.6	603.5	611.9	632.8
627.3	40°	613.2	599.1	585.7	572.3	566.4	560.5	566.9	573.3	586.2	605.2
589.8	42.5°	574.6	559.3	546.6	534.0	529.1	524.3	532.8	541.3	557.6	575.0
556.7	45°	540.9	525.1	513.1	501.1	497.0	492.9	501.2	509.4	525.2	542.9
529.4	47.5°	513.9	498.3	486.5	474.8	471.0	467.2	474.1	481.0	494.6	517.4
505.7	50°	491.8	477.8	466.8	455.6	449.7	443.7	449.8	456.0	471.8	501.8
489.4	52.5°	476.4	463.4	453.3	443.1	434.2	425.2	431.3	437.4	459.4	493.9
478.3	55°	466.9	455.5	444.6	433.6	420.9	408.2	417.8	427.4	460.6	492.7
469.1	57.5°	457.8	446.6	433.7	420.8	407.1	393.5	407.5	421.5	461.8	490.2
456.0	60°	444.5	433.1	418.3	403.5	391.6	379.6	397.8	415.9	458.0	476.6
438.1	62.5°	425.9	413.7	396.4	379.2	371.6	364.0	386.7	409.4	448.4	450.7
413.5	65°	401.9	390.2	371.7	353.2	350.3	347.4	371.5	395.7	425.4	425.1
385.4	67.5°	374.4	363.3	346.2	329.1	330.0	331.0	351.1	371.2	387.9	388.7
354.3	70°	344.7	335.1	320.1	305.1	308.3	311.5	325.8	340.1	345.6	345.6
317.5	72.5°	308.8	300.2	288.4	276.6	281.2	285.9	295.7	305.5	305.4	301.9
275.3	75°	267.5	259.7	250.9	242.1	246.6	251.1	258.7	266.2	267.6	251.6
233.4	77.5°	226.7	220.0	212.8	205.7	210.2	214.7	220.8	226.9	227.6	201.2
187.4	80°	181.7	176.1	170.2	164.2	168.0	171.8	176.9	182.0	182.1	150.6
118.6	82.5°	120.5	122.5	123.0	123.5	126.2	128.9	131.4	133.8	132.4	105.5
60.7	85°	66.2	71.7	74.2	76.8	79.8	82.8	85.5	88.1	86.2	66.2
27.1	87.5°	31.3	35.5	35.6	35.7	36.2	36.8	37.9	38.9	36.5	28.1
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):

325°		330°	335°	340°	345°	350°	355°	360°
922.3	0°	922.3	922.3	922.3	922.3	922.3	922.3	922.3
936.4	2.5°	944.1	952.3	960.4	968.5	976.6	984.2	991.8
949.9	5°	965.6	982.5	999.4	1016.1	1032.9	1049.7	1066.5
962.9	7.5°	984.9	1009.9	1034.8	1060.4	1086.1	1113.8	1141.5
974.6	10°	1000.6	1030.9	1061.2	1095.0	1128.9	1164.0	1199.0
979.6	12.5°	1009.0	1044.7	1080.5	1118.8	1157.2	1195.7	1234.2
975.7	15°	1009.8	1050.9	1092.1	1133.7	1175.3	1215.5	1255.6
958.9	17.5°	999.8	1047.6	1095.4	1140.8	1186.2	1226.9	1267.7
929.9	20°	980.7	1038.6	1096.5	1146.4	1196.3	1238.6	1281.0
895.9	22.5°	957.0	1027.5	1097.9	1153.9	1209.8	1253.1	1296.3
857.9	25°	929.5	1016.5	1103.5	1167.5	1231.4	1273.8	1316.2
823.2	27.5°	903.2	1009.2	1115.1	1188.7	1262.2	1302.6	1343.1
794.2	30°	880.2	1005.7	1131.1	1216.2	1301.2	1340.3	1379.3
769.2	32.5°	857.9	1001.5	1144.9	1244.9	1344.8	1383.5	1422.2
744.6	35°	832.0	993.5	1155.1	1277.6	1400.1	1437.2	1474.2
715.6	37.5°	798.5	979.8	1161.1	1314.2	1467.4	1514.6	1561.8
681.1	40°	757.0	960.9	1164.9	1360.7	1556.5	1625.3	1694.1
643.0	42.5°	710.9	941.5	1172.1	1421.6	1671.1	1770.4	1869.7
602.5	45°	662.1	923.4	1184.7	1501.6	1818.5	1952.5	2086.4
570.5	47.5°	623.5	908.4	1193.4	1586.9	1980.4	2169.0	2357.5
549.2	50°	596.6	892.2	1187.7	1666.0	2144.4	2428.6	2712.8
535.2	52.5°	576.5	864.7	1152.8	1717.4	2282.0	2701.3	3120.7
525.0	55°	557.3	819.1	1080.8	1706.1	2331.3	2943.1	3555.0
513.0	57.5°	535.8	754.8	973.8	1626.4	2279.1	3114.5	3949.9
494.6	60°	512.5	671.4	830.2	1478.1	2126.0	3157.3	4188.6
462.6	62.5°	474.5	571.5	668.5	1277.5	1886.6	2977.0	4067.4
430.7	65°	436.4	481.6	526.9	1072.9	1618.9	2721.9	3824.8
385.5	67.5°	382.4	395.3	408.1	872.4	1336.8	2418.3	3499.7
331.0	70°	316.5	312.8	309.1	686.9	1064.7	2087.0	3109.2
281.3	72.5°	260.6	249.5	238.5	525.2	811.9	1727.8	2643.8
228.4	75°	205.3	195.2	185.2	381.2	577.1	1316.1	2055.1
178.7	77.5°	156.2	149.4	142.6	258.3	374.0	921.2	1468.3
131.6	80°	112.5	109.7	106.9	166.4	226.0	593.5	961.0
91.4	82.5°	77.4	76.9	76.4	102.3	128.4	343.5	558.6
55.9	85°	45.7	45.9	46.2	54.7	63.3	154.5	245.8
23.9	87.5°	19.7	20.0	20.2	22.7	25.1	50.6	76.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)