

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: P946583

Luminaire Tested: **GALN-SB2A-940-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P946583  
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-SB2A-940-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

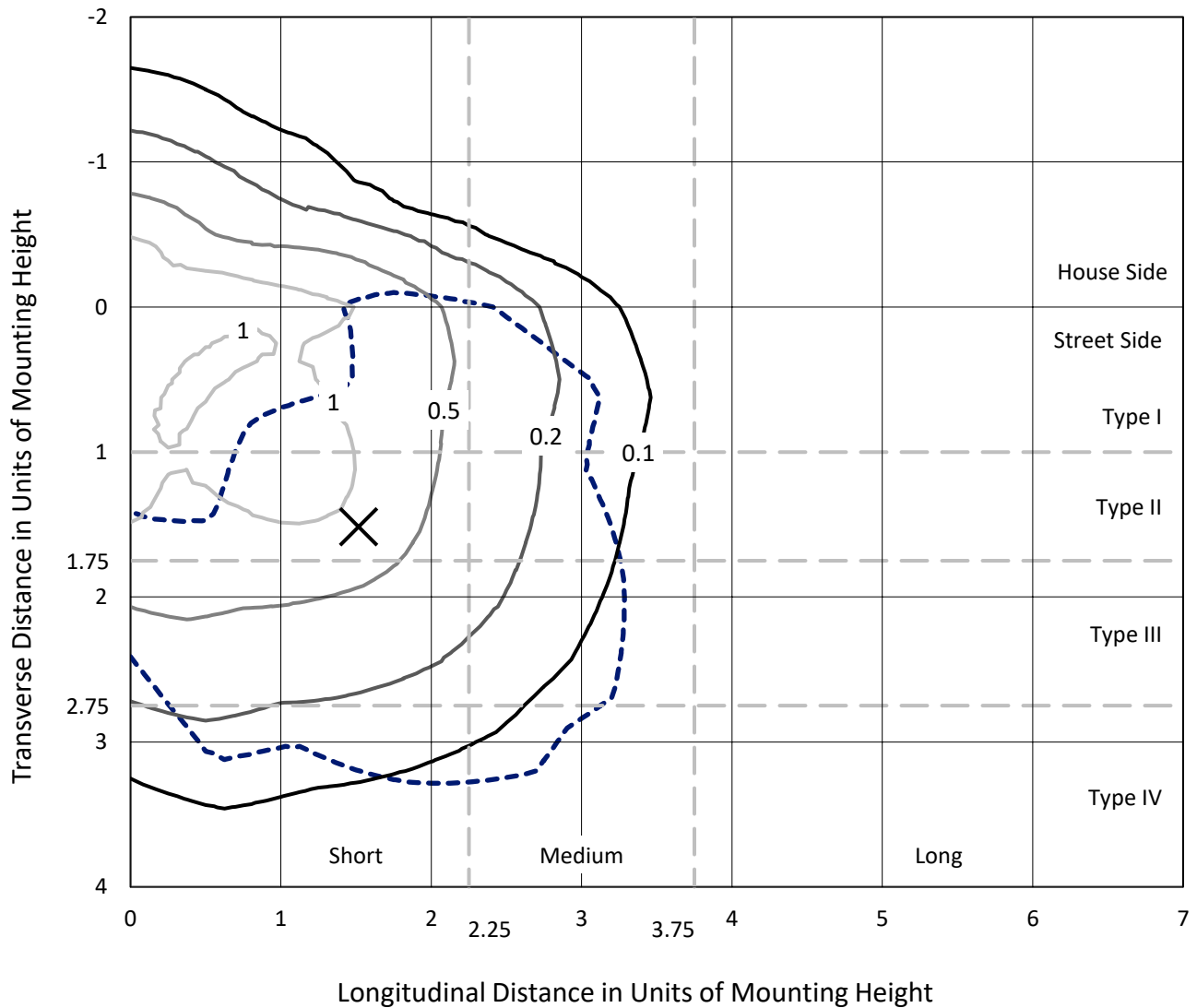
Lumens per Lamp: N/A  
Luminaire Lumens: 6477 lumens  
Efficiency: N/A  
Efficacy: 113.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

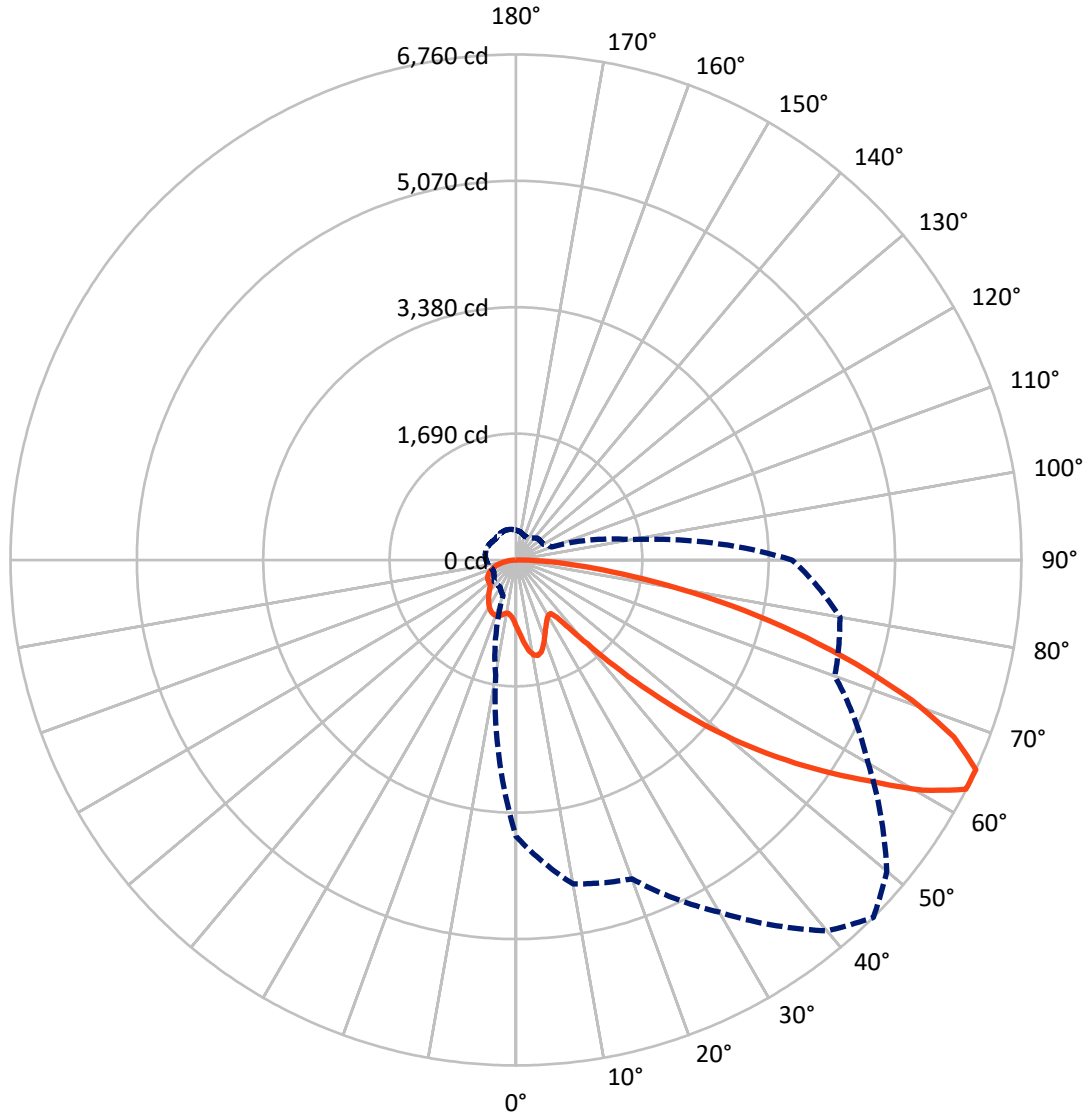
✕ Max cd  
 - - - 1/2 Max cd



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
<b>House Side</b>	Lumens	1646.1	0.0	1646.1
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	4830.9	0.0	4830.9
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	6477.0	0.0	6477.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.4	1.4
10°-20°	277.4	4.3
20°-30°	428.4	6.6
30°-40°	542.9	8.4
40°-50°	818.8	12.6
50°-60°	1323.0	20.4
60°-70°	1649.3	25.5
70°-80°	1081.5	16.7
80°-90°	267.4	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°	6477.0	100.0
0°-180°	6477.0	100.0

**Coefficient of Utilization**



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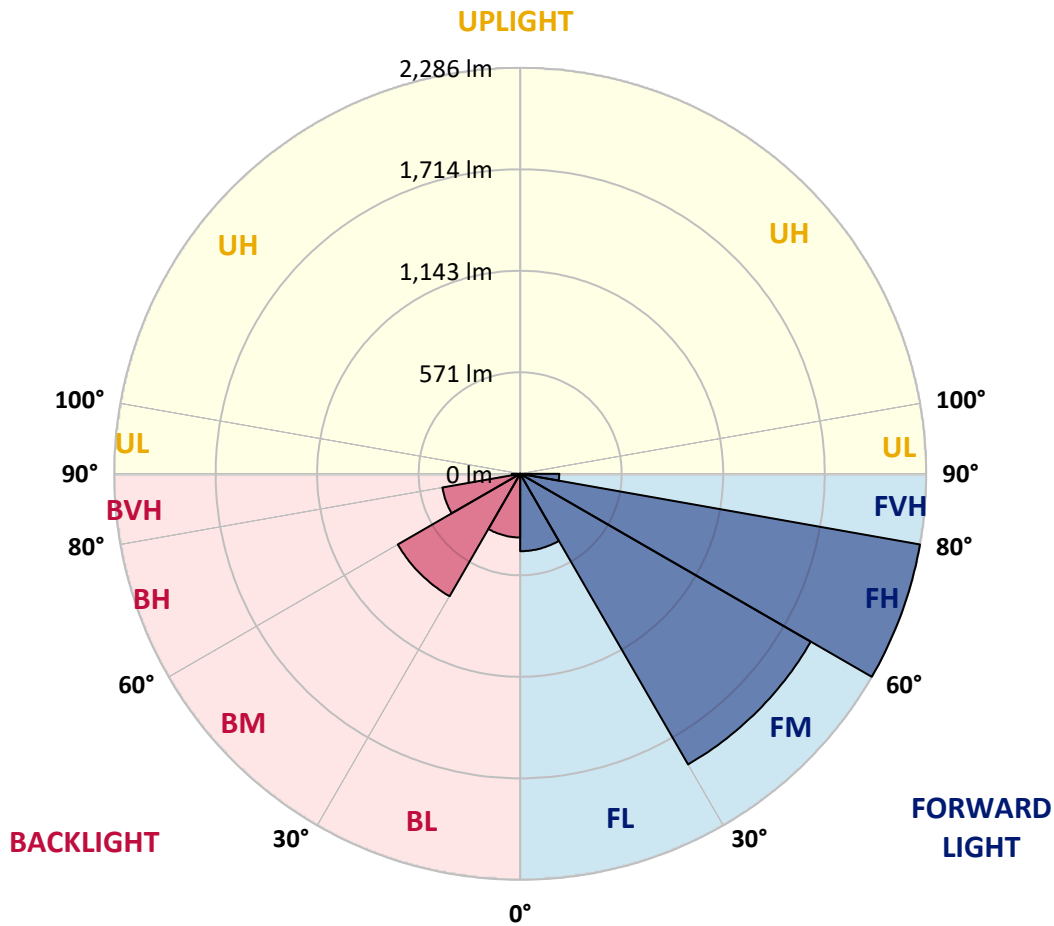
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	435.7	6.7			
FM (30°-60°)	1889.2	29.2			
FH (60°-80°)	2285.8	35.3			G2/5000
FVH (80°-90°)	220.3	3.4			G2/225
BL (0°-30°)	358.5	5.5	B1/500		
BM (30°-60°)	795.5	12.3	B1/1000		
BH (60°-80°)	445.0	6.9	B1/500		G1/500
BVH (80°-90°)	47.1	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°	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6
2.5°	957.8	961.4	965.1	970.2	975.4	978.5	981.6	983.1	984.6	983.9
5°	1029.9	1042.6	1055.3	1067.9	1080.5	1087.3	1094.2	1098.3	1102.5	1105.6
7.5°	1102.4	1123.0	1143.6	1162.2	1180.7	1191.9	1203.1	1209.1	1215.2	1218.1
10°	1157.9	1182.3	1206.7	1228.5	1250.2	1263.4	1276.6	1282.4	1288.3	1290.5
12.5°	1191.9	1218.4	1244.8	1264.5	1284.1	1293.7	1303.2	1306.4	1309.6	1310.0
15°	1212.6	1235.4	1258.2	1270.6	1282.9	1283.3	1283.6	1280.2	1276.8	1272.7
17.5°	1224.2	1239.6	1255.0	1255.3	1255.5	1241.6	1227.8	1215.1	1202.4	1193.4
20°	1237.0	1242.4	1247.8	1231.6	1215.3	1184.8	1154.2	1132.0	1109.7	1096.0
22.5°	1251.9	1244.8	1237.8	1204.2	1170.5	1125.6	1080.7	1052.8	1025.0	1009.9
25°	1271.0	1248.8	1226.6	1175.5	1124.5	1069.9	1015.3	986.1	956.9	942.6
27.5°	1297.0	1257.3	1217.5	1149.9	1082.3	1021.8	961.3	932.5	903.8	890.3
30°	1332.0	1272.8	1213.6	1130.4	1047.1	984.1	921.1	894.4	867.7	855.1
32.5°	1373.4	1292.3	1211.2	1117.0	1022.8	963.6	904.4	883.4	862.4	853.4
35°	1423.6	1324.4	1225.2	1127.0	1028.9	987.7	946.6	941.7	936.9	936.1
37.5°	1508.2	1391.5	1274.7	1185.5	1096.3	1093.7	1091.0	1113.3	1135.7	1147.3
40°	1636.0	1509.1	1382.1	1315.8	1249.4	1296.3	1343.1	1397.4	1451.8	1478.8
42.5°	1805.6	1679.6	1553.6	1515.4	1477.2	1579.3	1681.4	1780.3	1879.1	1937.1
45°	2014.9	1901.7	1788.5	1771.7	1754.8	1918.4	2082.0	2244.4	2406.9	2505.5
47.5°	2276.7	2166.6	2056.5	2053.1	2049.6	2285.7	2521.6	2759.4	2997.1	3136.7
50°	2619.8	2483.8	2347.9	2348.4	2349.0	2653.2	2957.4	3271.2	3585.1	3774.8
52.5°	3013.7	2849.0	2684.4	2667.8	2651.1	3014.4	3377.7	3766.1	4154.3	4381.8
55°	3433.0	3270.4	3107.7	3042.8	2977.9	3382.3	3786.6	4249.5	4712.4	4983.0
57.5°	3814.5	3725.9	3637.2	3507.1	3376.9	3785.2	4193.5	4717.9	5242.2	5577.6
60°	4045.0	4182.6	4320.2	4158.5	3996.9	4383.3	4769.7	5331.1	5892.5	6255.0
62.5°	3927.9	4303.9	4679.9	4661.7	4643.4	4997.4	5351.4	5885.5	6419.6	6754.7
65°	3693.6	4046.5	4399.4	4469.2	4539.0	4988.8	5438.7	5956.6	6474.5	6759.8
67.5°	3379.7	3715.3	4051.0	4083.7	4116.4	4585.1	5053.8	5573.9	6094.0	6317.6
70°	3002.6	3367.6	3732.7	3747.3	3762.0	4181.1	4600.2	5047.9	5495.4	5619.7
72.5°	2553.2	2972.1	3391.0	3401.5	3412.0	3739.9	4067.9	4403.1	4738.3	4750.9
75°	1984.6	2418.2	2851.8	2890.7	2929.6	3184.8	3439.9	3675.9	3911.9	3848.6
77.5°	1418.0	1822.7	2227.5	2283.2	2338.9	2532.8	2726.8	2894.1	3061.5	2952.9
80°	928.1	1268.6	1609.0	1678.3	1747.5	1894.0	2040.4	2128.3	2216.2	2041.4
82.5°	539.5	772.3	1005.1	1082.4	1159.8	1260.6	1361.4	1398.1	1434.7	1297.3
85°	237.4	360.9	484.5	550.2	616.0	698.9	781.7	802.5	823.3	713.3
87.5°	73.5	115.0	156.5	193.2	229.9	271.4	312.8	314.6	316.3	265.6
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°
890.6	0°	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6
984.6	2.5°	983.1	981.6	978.5	975.4	970.2	965.1	961.4	957.8	950.5	943.1
1102.5	5°	1098.3	1094.2	1087.3	1080.5	1067.9	1055.3	1042.6	1029.9	1013.7	997.4
1215.2	7.5°	1209.1	1203.1	1191.9	1180.7	1162.2	1143.6	1123.0	1102.4	1075.6	1048.8
1288.3	10°	1282.4	1276.6	1263.4	1250.2	1228.5	1206.7	1182.3	1157.9	1124.0	1090.2
1309.6	12.5°	1306.4	1303.2	1293.7	1284.1	1264.5	1244.8	1218.4	1191.9	1154.7	1117.5
1276.8	15°	1280.2	1283.6	1283.3	1282.9	1270.6	1258.2	1235.4	1212.6	1173.8	1135.0
1202.4	17.5°	1215.1	1227.8	1241.6	1255.5	1255.3	1255.0	1239.6	1224.2	1184.9	1145.5
1109.7	20°	1132.0	1154.2	1184.8	1215.3	1231.6	1247.8	1242.4	1237.0	1196.1	1155.2
1025.0	22.5°	1052.8	1080.7	1125.6	1170.5	1204.2	1237.8	1244.8	1251.9	1210.1	1168.3
956.9	25°	986.1	1015.3	1069.9	1124.5	1175.5	1226.6	1248.8	1271.0	1230.1	1189.2
903.8	27.5°	932.5	961.3	1021.8	1082.3	1149.9	1217.5	1257.3	1297.0	1258.0	1218.9
867.7	30°	894.4	921.1	984.1	1047.1	1130.4	1213.6	1272.8	1332.0	1294.3	1256.6
862.4	32.5°	883.4	904.4	963.6	1022.8	1117.0	1211.2	1292.3	1373.4	1336.0	1298.7
936.9	35°	941.7	946.6	987.7	1028.9	1127.0	1225.2	1324.4	1423.6	1387.9	1352.1
1135.7	37.5°	1113.3	1091.0	1093.7	1096.3	1185.5	1274.7	1391.5	1508.2	1462.6	1417.0
1451.8	40°	1397.4	1343.1	1296.3	1249.4	1315.8	1382.1	1509.1	1636.0	1569.6	1503.2
1879.1	42.5°	1780.3	1681.4	1579.3	1477.2	1515.4	1553.6	1679.6	1805.6	1709.7	1613.8
2406.9	45°	2244.4	2082.0	1918.4	1754.8	1771.7	1788.5	1901.7	2014.9	1885.5	1756.2
2997.1	47.5°	2759.4	2521.6	2285.7	2049.6	2053.1	2056.5	2166.6	2276.7	2094.6	1912.5
3585.1	50°	3271.2	2957.4	2653.2	2349.0	2348.4	2347.9	2483.8	2619.8	2345.3	2070.8
4154.3	52.5°	3766.1	3377.7	3014.4	2651.1	2667.8	2684.4	2849.0	3013.7	2608.7	2203.7
4712.4	55°	4249.5	3786.6	3382.3	2977.9	3042.8	3107.7	3270.4	3433.0	2842.2	2251.4
5242.2	57.5°	4717.9	4193.5	3785.2	3376.9	3507.1	3637.2	3725.9	3814.5	3007.7	2200.9
5892.5	60°	5331.1	4769.7	4383.3	3996.9	4158.5	4320.2	4182.6	4045.0	3049.0	2053.1
6419.6	62.5°	5885.5	5351.4	4997.4	4643.4	4661.7	4679.9	4303.9	3927.9	2874.9	1821.9
6474.5	65°	5956.6	5438.7	4988.8	4539.0	4469.2	4399.4	4046.5	3693.6	2628.5	1563.4
6094.0	67.5°	5573.9	5053.8	4585.1	4116.4	4083.7	4051.0	3715.3	3379.7	2335.3	1290.9
5495.4	70°	5047.9	4600.2	4181.1	3762.0	3747.3	3732.7	3367.6	3002.6	2015.4	1028.2
4738.3	72.5°	4403.1	4067.9	3739.9	3412.0	3401.5	3391.0	2972.1	2553.2	1668.6	784.0
3911.9	75°	3675.9	3439.9	3184.8	2929.6	2890.7	2851.8	2418.2	1984.6	1271.0	557.4
3061.5	77.5°	2894.1	2726.8	2532.8	2338.9	2283.2	2227.5	1822.7	1418.0	889.6	361.2
2216.2	80°	2128.3	2040.4	1894.0	1747.5	1678.3	1609.0	1268.6	928.1	573.1	218.2
1434.7	82.5°	1398.1	1361.4	1260.6	1159.8	1082.4	1005.1	772.3	539.5	331.7	124.0
823.3	85°	802.5	781.7	698.9	616.0	550.2	484.5	360.9	237.4	149.2	61.1
316.3	87.5°	314.6	312.8	271.4	229.9	193.2	156.5	115.0	73.5	48.9	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°
890.6	0°	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6
935.3	2.5°	927.5	919.6	911.8	904.2	896.7	889.4	881.3	874.8	868.3	862.3
981.2	5°	965.1	948.8	932.5	917.3	902.1	887.7	873.6	861.2	848.8	838.4
1024.1	7.5°	999.3	975.2	951.1	929.9	908.7	889.1	870.8	854.3	837.8	824.2
1057.5	10°	1024.8	995.5	966.2	941.2	916.0	891.8	872.1	854.8	837.4	823.7
1080.5	12.5°	1043.4	1008.9	974.4	946.0	917.6	892.2	873.8	859.6	845.5	836.4
1094.8	15°	1054.6	1014.9	975.1	942.3	909.4	881.2	866.5	859.7	853.0	854.2
1101.7	17.5°	1057.8	1011.7	965.6	926.0	886.5	853.4	844.3	846.8	849.3	864.2
1107.0	20°	1058.9	1002.9	947.0	898.0	849.0	810.5	808.1	819.7	831.3	857.2
1114.3	22.5°	1060.2	992.2	924.2	865.2	806.2	762.3	767.0	784.2	801.4	830.9
1127.4	25°	1065.6	981.6	897.6	828.5	759.4	714.5	727.1	746.9	766.8	793.3
1147.9	27.5°	1076.9	974.5	872.2	795.0	717.8	676.9	692.2	711.4	730.5	752.4
1174.5	30°	1092.4	971.2	850.0	767.0	683.9	649.5	661.6	676.8	692.0	710.1
1202.2	32.5°	1105.7	967.1	828.5	742.8	657.0	629.4	634.7	643.7	652.7	667.2
1233.8	35°	1115.5	959.4	803.4	719.0	634.7	611.6	609.4	611.8	614.3	625.4
1269.1	37.5°	1121.3	946.2	771.1	691.1	611.1	590.9	582.8	580.0	577.3	585.2
1314.1	40°	1124.9	928.0	731.0	657.7	584.4	566.1	553.7	547.5	541.3	547.0
1372.8	42.5°	1131.9	909.2	686.5	620.9	555.3	538.5	522.7	514.5	506.3	511.0
1450.1	45°	1144.1	891.7	639.4	581.8	524.3	507.2	492.0	484.0	476.0	479.9
1532.5	47.5°	1152.4	877.3	602.1	550.9	499.7	477.6	464.5	457.8	451.1	454.8
1608.9	50°	1147.0	861.6	576.1	530.4	484.6	455.6	440.4	434.4	428.5	434.2
1658.5	52.5°	1113.3	835.0	556.7	516.8	476.9	443.6	422.4	416.5	410.6	419.3
1647.6	55°	1043.8	791.0	538.2	507.0	475.8	444.8	412.8	403.5	394.2	406.5
1570.6	57.5°	940.4	728.9	517.4	495.4	473.3	446.0	407.0	393.5	380.0	393.2
1427.4	60°	801.7	648.3	494.9	477.6	460.3	442.2	401.6	384.1	366.5	378.1
1233.7	62.5°	645.5	551.9	458.2	446.7	435.2	433.0	395.4	373.4	351.5	358.9
1036.1	65°	508.8	465.1	421.4	416.0	410.5	410.8	382.1	358.8	335.4	338.3
842.5	67.5°	394.1	381.7	369.3	372.3	375.3	374.6	358.4	339.0	319.6	318.7
663.4	70°	298.5	302.1	305.6	319.7	333.7	333.7	328.4	314.6	300.8	297.7
507.1	72.5°	230.3	241.0	251.7	271.7	291.6	294.9	295.0	285.5	276.1	271.6
368.1	75°	178.8	188.5	198.2	220.6	242.9	258.4	257.1	249.8	242.5	238.2
249.4	77.5°	137.7	144.3	150.9	172.6	194.3	219.8	219.1	213.2	207.4	203.0
160.7	80°	103.2	105.9	108.7	127.1	145.4	175.8	175.7	170.8	165.9	162.3
98.8	82.5°	73.8	74.2	74.8	88.3	101.8	127.8	129.3	126.9	124.5	121.9
52.8	85°	44.6	44.4	44.1	54.0	63.9	83.2	85.1	82.5	80.0	77.1
21.9	87.5°	19.5	19.3	19.1	23.1	27.2	35.2	37.6	36.6	35.5	35.0
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):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
890.6	0°	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6
856.5	2.5°	851.3	846.1	841.0	835.8	831.8	827.8	824.5	821.3	818.7	816.2
828.0	5°	818.9	809.7	801.4	793.1	786.7	780.3	775.8	771.3	768.1	764.9
810.5	7.5°	799.0	787.4	777.2	767.1	759.5	751.9	746.6	741.2	737.6	733.9
810.1	10°	797.6	785.2	773.8	762.3	753.2	744.1	738.1	732.1	728.7	725.2
827.3	12.5°	817.6	807.9	796.0	784.2	772.6	760.9	753.3	745.6	741.7	737.9
855.4	15°	852.9	850.4	840.1	829.8	813.3	796.7	785.0	773.3	768.0	762.7
879.1	17.5°	887.0	894.9	886.6	878.3	856.4	834.5	817.3	800.1	792.1	784.2
883.1	20°	899.7	916.3	912.4	908.6	883.5	858.5	837.4	816.3	806.2	796.0
860.5	22.5°	882.1	903.6	906.0	908.2	884.3	860.4	838.7	816.9	806.2	795.5
819.9	25°	841.1	862.3	870.3	878.2	858.6	839.0	819.6	800.3	791.1	781.8
774.2	27.5°	791.2	808.2	817.0	825.9	811.9	798.0	783.0	767.9	761.7	755.5
728.2	30°	742.4	756.5	763.7	770.9	760.2	749.6	738.8	728.0	724.9	721.6
681.7	32.5°	695.2	708.8	716.7	724.7	714.9	705.1	696.6	688.0	685.9	683.8
636.4	35°	649.8	663.2	672.8	682.3	675.4	668.4	660.5	652.6	649.4	646.3
593.1	37.5°	606.5	619.9	631.7	643.5	640.3	637.1	629.8	622.5	616.8	611.0
552.7	40°	565.6	578.5	592.1	605.8	606.6	607.3	601.1	594.9	586.5	578.2
515.7	42.5°	527.9	540.2	554.9	569.6	573.5	577.4	572.2	567.0	556.6	546.1
483.9	45°	495.5	507.1	522.4	537.6	543.2	548.9	544.2	539.5	527.6	515.7
458.5	47.5°	469.9	481.2	496.2	511.3	517.8	524.3	521.0	517.7	507.1	496.5
440.0	50°	450.8	461.5	474.9	488.4	496.7	505.1	504.9	504.7	496.2	487.8
427.9	52.5°	437.7	447.5	460.1	472.7	482.5	492.4	494.2	496.0	489.1	482.2
418.7	55°	429.3	439.9	450.9	461.9	472.4	482.8	485.3	487.8	481.8	475.7
406.4	57.5°	418.8	431.2	442.1	453.0	463.6	474.1	476.6	479.1	473.0	466.9
389.7	60°	404.0	418.3	429.3	440.4	451.0	461.6	464.3	467.0	461.1	455.2
366.2	62.5°	382.8	399.5	411.3	423.1	432.8	442.5	445.2	447.8	442.4	437.1
341.1	65°	358.9	376.8	388.1	399.4	407.9	416.4	419.1	421.8	416.6	411.5
317.8	67.5°	334.3	350.8	361.5	372.2	379.6	386.9	389.6	392.2	387.4	382.7
294.7	70°	309.2	323.7	332.9	342.1	348.8	355.4	358.0	360.5	356.6	352.8
267.1	72.5°	278.5	289.9	298.2	306.6	313.1	319.6	322.6	325.6	322.4	319.2
233.8	75°	242.3	250.8	258.3	265.9	271.8	277.8	280.9	284.1	282.5	280.9
198.6	77.5°	205.5	212.4	218.9	225.4	231.6	237.9	240.8	243.7	241.6	239.3
158.6	80°	164.3	170.0	175.5	181.0	185.7	190.4	194.3	198.2	197.3	196.3
119.3	82.5°	118.8	118.3	116.4	114.5	124.6	134.7	141.4	148.0	147.6	147.1
74.2	85°	71.7	69.2	63.9	58.6	68.1	77.6	85.8	94.0	93.3	92.6
34.5	87.5°	34.3	34.2	30.2	26.1	30.1	34.1	37.4	40.7	39.9	39.0
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):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
890.6	0°	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6
813.9	2.5°	811.5	808.6	811.5	813.9	816.2	818.7	821.3	824.5	827.8	831.8
762.5	5°	760.1	757.7	760.1	762.5	764.9	768.1	771.3	775.8	780.3	786.7
731.8	7.5°	729.6	728.0	729.6	731.8	733.9	737.6	741.2	746.6	751.9	759.5
723.4	10°	721.5	720.8	721.5	723.4	725.2	728.7	732.1	738.1	744.1	753.2
736.3	12.5°	734.7	734.5	734.7	736.3	737.9	741.7	745.6	753.3	760.9	772.6
760.6	15°	758.6	758.4	758.6	760.6	762.7	768.0	773.3	785.0	796.7	813.3
781.6	17.5°	779.0	778.5	779.0	781.6	784.2	792.1	800.1	817.3	834.5	856.4
792.7	20°	789.5	788.5	789.5	792.7	796.0	806.2	816.3	837.4	858.5	883.5
791.9	22.5°	788.3	786.7	788.3	791.9	795.5	806.2	816.9	838.7	860.4	884.3
778.4	25°	775.1	773.1	775.1	778.4	781.8	791.1	800.3	819.6	839.0	858.6
753.9	27.5°	752.4	751.9	752.4	753.9	755.5	761.7	767.9	783.0	798.0	811.9
721.6	30°	721.6	722.2	721.6	721.6	721.6	724.9	728.0	738.8	749.6	760.2
684.1	32.5°	684.4	684.9	684.4	684.1	683.8	685.9	688.0	696.6	705.1	714.9
645.6	35°	644.9	644.6	644.9	645.6	646.3	649.4	652.6	660.5	668.4	675.4
608.0	37.5°	604.9	603.2	604.9	608.0	611.0	616.8	622.5	629.8	637.1	640.3
572.5	40°	566.9	563.6	566.9	572.5	578.2	586.5	594.9	601.1	607.3	606.6
537.9	42.5°	529.7	524.3	529.7	537.9	546.1	556.6	567.0	572.2	577.4	573.5
506.0	45°	496.3	490.1	496.3	506.0	515.7	527.6	539.5	544.2	548.9	543.2
487.6	47.5°	478.6	472.7	478.6	487.6	496.5	507.1	517.7	521.0	524.3	517.8
479.5	50°	471.2	465.5	471.2	479.5	487.8	496.2	504.7	504.9	505.1	496.7
474.7	52.5°	467.4	462.1	467.4	474.7	482.2	489.1	496.0	494.2	492.4	482.5
469.2	55°	462.8	458.0	462.8	469.2	475.7	481.8	487.8	485.3	482.8	472.4
460.5	57.5°	454.0	449.1	454.0	460.5	466.9	473.0	479.1	476.6	474.1	463.6
448.5	60°	441.9	436.8	441.9	448.5	455.2	461.1	467.0	464.3	461.6	451.0
430.1	62.5°	423.1	417.0	423.1	430.1	437.1	442.4	447.8	445.2	442.5	432.8
404.7	65°	398.0	392.7	398.0	404.7	411.5	416.6	421.8	419.1	416.4	407.9
376.4	67.5°	370.1	365.3	370.1	376.4	382.7	387.4	392.2	389.6	386.9	379.6
346.8	70°	340.7	335.3	340.7	346.8	352.8	356.6	360.5	358.0	355.4	348.8
313.5	72.5°	307.8	302.5	307.8	313.5	319.2	322.4	325.6	322.6	319.6	313.1
276.1	75°	271.3	266.2	271.3	276.1	280.9	282.5	284.1	280.9	277.8	271.8
234.5	77.5°	229.6	225.6	229.6	234.5	239.3	241.6	243.7	240.8	237.9	231.6
189.8	80°	183.3	175.7	183.3	189.8	196.3	197.3	198.2	194.3	190.4	185.7
141.6	82.5°	136.1	131.2	136.1	141.6	147.1	147.6	148.0	141.4	134.7	124.6
88.3	85°	84.0	79.6	84.0	88.3	92.6	93.3	94.0	85.8	77.6	68.1
36.8	87.5°	34.6	32.5	34.6	36.8	39.0	39.9	40.7	37.4	34.1	30.1
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):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
890.6	0°	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6	890.6
835.8	2.5°	841.0	846.1	851.3	856.5	862.3	868.3	874.8	881.3	889.4	896.7
793.1	5°	801.4	809.7	818.9	828.0	838.4	848.8	861.2	873.6	887.7	902.1
767.1	7.5°	777.2	787.4	799.0	810.5	824.2	837.8	854.3	870.8	889.1	908.7
762.3	10°	773.8	785.2	797.6	810.1	823.7	837.4	854.8	872.1	891.8	916.0
784.2	12.5°	796.0	807.9	817.6	827.3	836.4	845.5	859.6	873.8	892.2	917.6
829.8	15°	840.1	850.4	852.9	855.4	854.2	853.0	859.7	866.5	881.2	909.4
878.3	17.5°	886.6	894.9	887.0	879.1	864.2	849.3	846.8	844.3	853.4	886.5
908.6	20°	912.4	916.3	899.7	883.1	857.2	831.3	819.7	808.1	810.5	849.0
908.2	22.5°	906.0	903.6	882.1	860.5	830.9	801.4	784.2	767.0	762.3	806.2
878.2	25°	870.3	862.3	841.1	819.9	793.3	766.8	746.9	727.1	714.5	759.4
825.9	27.5°	817.0	808.2	791.2	774.2	752.4	730.5	711.4	692.2	676.9	717.8
770.9	30°	763.7	756.5	742.4	728.2	710.1	692.0	676.8	661.6	649.5	683.9
724.7	32.5°	716.7	708.8	695.2	681.7	667.2	652.7	643.7	634.7	629.4	657.0
682.3	35°	672.8	663.2	649.8	636.4	625.4	614.3	611.8	609.4	611.6	634.7
643.5	37.5°	631.7	619.9	606.5	593.1	585.2	577.3	580.0	582.8	590.9	611.1
605.8	40°	592.1	578.5	565.6	552.7	547.0	541.3	547.5	553.7	566.1	584.4
569.6	42.5°	554.9	540.2	527.9	515.7	511.0	506.3	514.5	522.7	538.5	555.3
537.6	45°	522.4	507.1	495.5	483.9	479.9	476.0	484.0	492.0	507.2	524.3
511.3	47.5°	496.2	481.2	469.9	458.5	454.8	451.1	457.8	464.5	477.6	499.7
488.4	50°	474.9	461.5	450.8	440.0	434.2	428.5	434.4	440.4	455.6	484.6
472.7	52.5°	460.1	447.5	437.7	427.9	419.3	410.6	416.5	422.4	443.6	476.9
461.9	55°	450.9	439.9	429.3	418.7	406.5	394.2	403.5	412.8	444.8	475.8
453.0	57.5°	442.1	431.2	418.8	406.4	393.2	380.0	393.5	407.0	446.0	473.3
440.4	60°	429.3	418.3	404.0	389.7	378.1	366.5	384.1	401.6	442.2	460.3
423.1	62.5°	411.3	399.5	382.8	366.2	358.9	351.5	373.4	395.4	433.0	435.2
399.4	65°	388.1	376.8	358.9	341.1	338.3	335.4	358.8	382.1	410.8	410.5
372.2	67.5°	361.5	350.8	334.3	317.8	318.7	319.6	339.0	358.4	374.6	375.3
342.1	70°	332.9	323.7	309.2	294.7	297.7	300.8	314.6	328.4	333.7	333.7
306.6	72.5°	298.2	289.9	278.5	267.1	271.6	276.1	285.5	295.0	294.9	291.6
265.9	75°	258.3	250.8	242.3	233.8	238.2	242.5	249.8	257.1	258.4	242.9
225.4	77.5°	218.9	212.4	205.5	198.6	203.0	207.4	213.2	219.1	219.8	194.3
181.0	80°	175.5	170.0	164.3	158.6	162.3	165.9	170.8	175.7	175.8	145.4
114.5	82.5°	116.4	118.3	118.8	119.3	121.9	124.5	126.9	129.3	127.8	101.8
58.6	85°	63.9	69.2	71.7	74.2	77.1	80.0	82.5	85.1	83.2	63.9
26.1	87.5°	30.2	34.2	34.3	34.5	35.0	35.5	36.6	37.6	35.2	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°
890.6	0°	890.6	890.6	890.6	890.6	890.6	890.6	890.6
904.2	2.5°	911.8	919.6	927.5	935.3	943.1	950.5	957.8
917.3	5°	932.5	948.8	965.1	981.2	997.4	1013.7	1029.9
929.9	7.5°	951.1	975.2	999.3	1024.1	1048.8	1075.6	1102.4
941.2	10°	966.2	995.5	1024.8	1057.5	1090.2	1124.0	1157.9
946.0	12.5°	974.4	1008.9	1043.4	1080.5	1117.5	1154.7	1191.9
942.3	15°	975.1	1014.9	1054.6	1094.8	1135.0	1173.8	1212.6
926.0	17.5°	965.6	1011.7	1057.8	1101.7	1145.5	1184.9	1224.2
898.0	20°	947.0	1002.9	1058.9	1107.0	1155.2	1196.1	1237.0
865.2	22.5°	924.2	992.2	1060.2	1114.3	1168.3	1210.1	1251.9
828.5	25°	897.6	981.6	1065.6	1127.4	1189.2	1230.1	1271.0
795.0	27.5°	872.2	974.5	1076.9	1147.9	1218.9	1258.0	1297.0
767.0	30°	850.0	971.2	1092.4	1174.5	1256.6	1294.3	1332.0
742.8	32.5°	828.5	967.1	1105.7	1202.2	1298.7	1336.0	1373.4
719.0	35°	803.4	959.4	1115.5	1233.8	1352.1	1387.9	1423.6
691.1	37.5°	771.1	946.2	1121.3	1269.1	1417.0	1462.6	1508.2
657.7	40°	731.0	928.0	1124.9	1314.1	1503.2	1569.6	1636.0
620.9	42.5°	686.5	909.2	1131.9	1372.8	1613.8	1709.7	1805.6
581.8	45°	639.4	891.7	1144.1	1450.1	1756.2	1885.5	2014.9
550.9	47.5°	602.1	877.3	1152.4	1532.5	1912.5	2094.6	2276.7
530.4	50°	576.1	861.6	1147.0	1608.9	2070.8	2345.3	2619.8
516.8	52.5°	556.7	835.0	1113.3	1658.5	2203.7	2608.7	3013.7
507.0	55°	538.2	791.0	1043.8	1647.6	2251.4	2842.2	3433.0
495.4	57.5°	517.4	728.9	940.4	1570.6	2200.9	3007.7	3814.5
477.6	60°	494.9	648.3	801.7	1427.4	2053.1	3049.0	4045.0
446.7	62.5°	458.2	551.9	645.5	1233.7	1821.9	2874.9	3927.9
416.0	65°	421.4	465.1	508.8	1036.1	1563.4	2628.5	3693.6
372.3	67.5°	369.3	381.7	394.1	842.5	1290.9	2335.3	3379.7
319.7	70°	305.6	302.1	298.5	663.4	1028.2	2015.4	3002.6
271.7	72.5°	251.7	241.0	230.3	507.1	784.0	1668.6	2553.2
220.6	75°	198.2	188.5	178.8	368.1	557.4	1271.0	1984.6
172.6	77.5°	150.9	144.3	137.7	249.4	361.2	889.6	1418.0
127.1	80°	108.7	105.9	103.2	160.7	218.2	573.1	928.1
88.3	82.5°	74.8	74.2	73.8	98.8	124.0	331.7	539.5
54.0	85°	44.1	44.4	44.6	52.8	61.1	149.2	237.4
23.1	87.5°	19.1	19.3	19.5	21.9	24.3	48.9	73.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)