

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: P946961

Luminaire Tested: **GALN-SB2B-950-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946961
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-SB2B-950-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 5000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7806 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

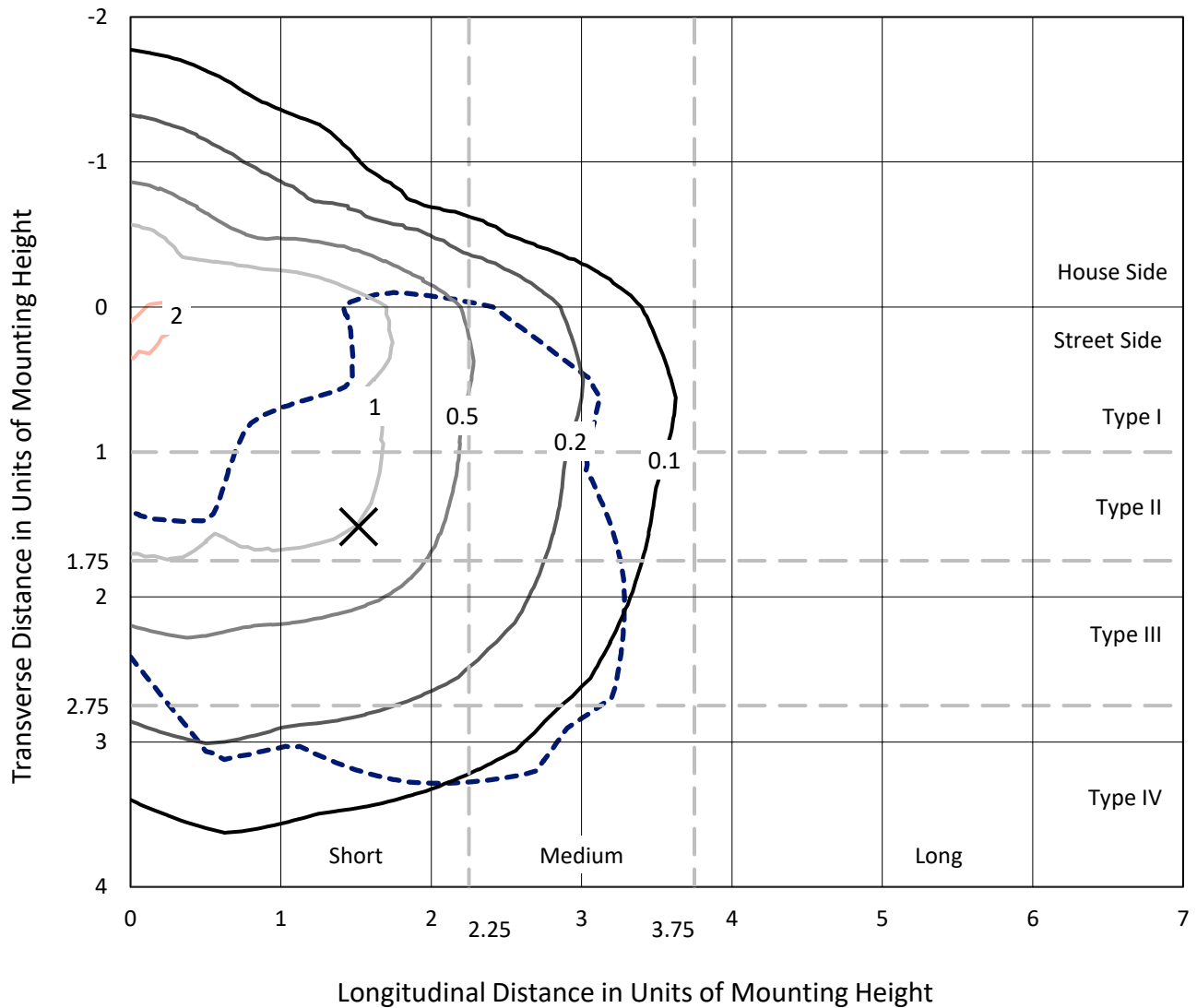
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

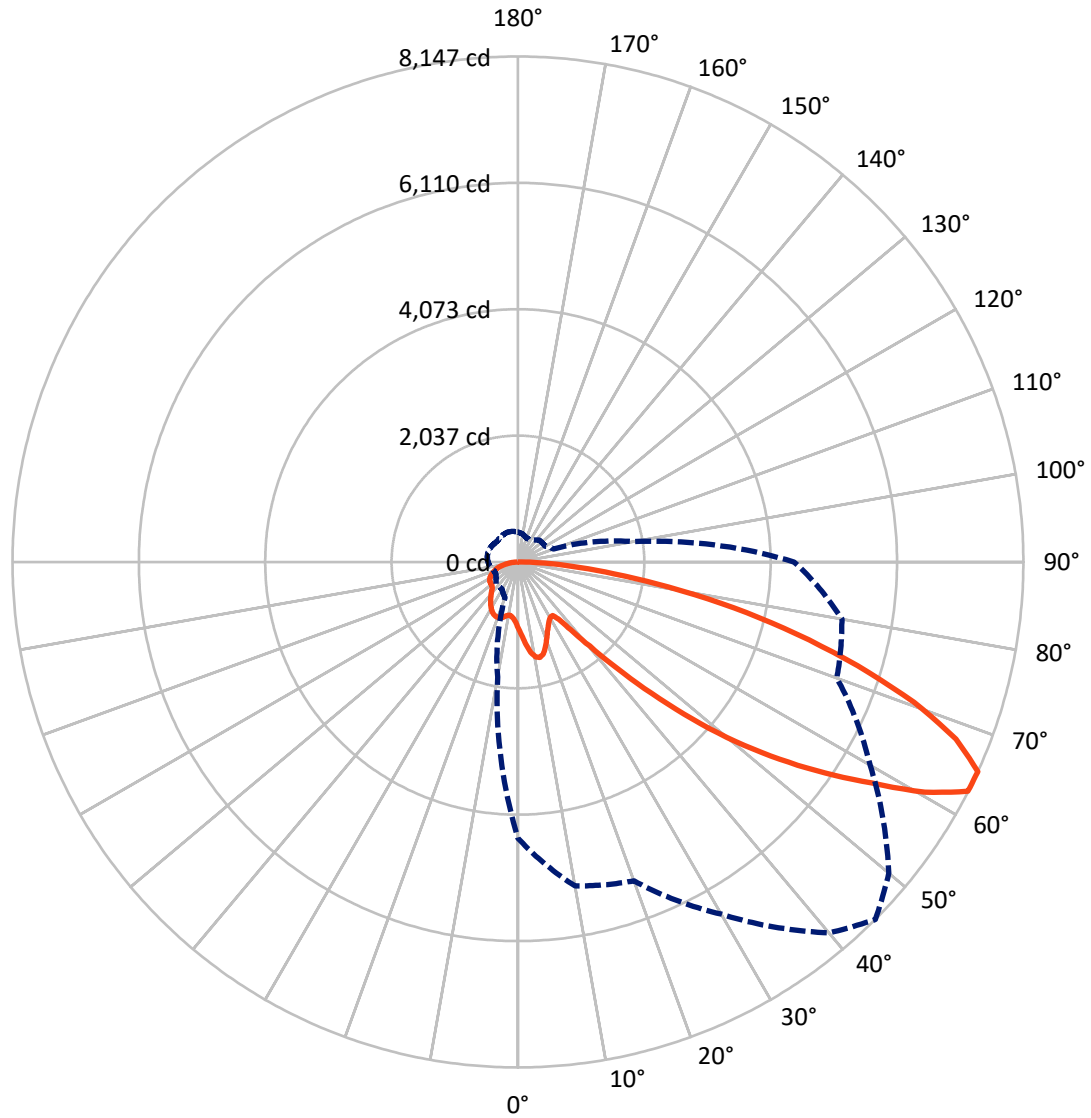
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 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	1983.9	0.0	1983.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5822.1	0.0	5822.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	7806.0	0.0	7806.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.5	1.4
10°-20°	334.3	4.3
20°-30°	516.3	6.6
30°-40°	654.3	8.4
40°-50°	986.9	12.6
50°-60°	1594.4	20.4
60°-70°	1987.7	25.5
70°-80°	1303.4	16.7
80°-90°	322.2	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°	7806.0	100.0
0°-180°	7806.0	100.0

Coefficient of Utilization



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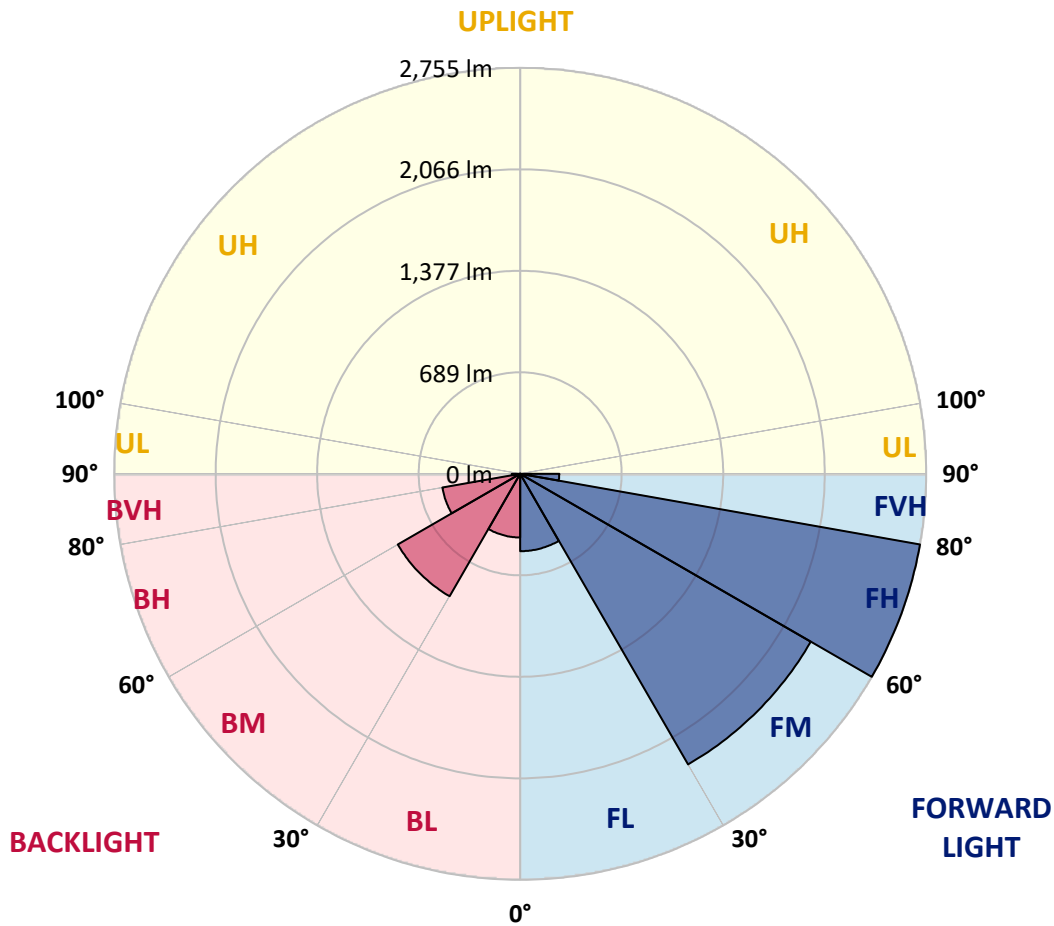
CATALOG NUMBER: GALN-SB2B-950-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	525.0	6.7			
FM (30°-60°)	2276.8	29.2			
FH (60°-80°)	2754.8	35.3			G2/5000
FVH (80°-90°)	265.5	3.4			G3/500
BL (0°-30°)	432.0	5.5	B1/500		
BM (30°-60°)	958.7	12.3	B1/1000		
BH (60°-80°)	536.4	6.9	B2/1000		G2/1000
BVH (80°-90°)	56.8	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
2.5°	1154.3	1158.7	1163.1	1169.3	1175.5	1179.2	1183.0	1184.8	1186.7	1185.8
5°	1241.2	1256.5	1271.8	1287.0	1302.2	1310.4	1318.7	1323.7	1328.7	1332.5
7.5°	1328.6	1353.4	1378.3	1400.6	1423.0	1436.5	1449.9	1457.2	1464.5	1468.0
10°	1395.5	1424.9	1454.3	1480.5	1506.8	1522.7	1538.5	1545.6	1552.6	1555.3
12.5°	1436.5	1468.4	1500.2	1523.9	1547.6	1559.1	1570.6	1574.5	1578.4	1578.8
15°	1461.4	1488.9	1516.4	1531.3	1546.2	1546.6	1547.0	1542.9	1538.7	1533.9
17.5°	1475.4	1494.0	1512.6	1512.8	1513.1	1496.4	1479.7	1464.4	1449.1	1438.3
20°	1490.8	1497.3	1503.8	1484.3	1464.7	1427.9	1391.0	1364.2	1337.4	1320.9
22.5°	1508.8	1500.3	1491.8	1451.3	1410.7	1356.6	1302.4	1268.9	1235.3	1217.1
25°	1531.8	1505.1	1478.3	1416.7	1355.2	1289.4	1223.7	1188.4	1153.2	1136.0
27.5°	1563.1	1515.3	1467.4	1385.9	1304.4	1231.5	1158.6	1123.9	1089.3	1073.0
30°	1605.4	1534.0	1462.6	1362.3	1262.0	1186.0	1110.1	1077.9	1045.7	1030.6
32.5°	1655.2	1557.4	1459.7	1346.2	1232.7	1161.3	1090.0	1064.7	1039.4	1028.5
35°	1715.7	1596.1	1476.6	1358.3	1240.0	1190.4	1140.9	1135.0	1129.1	1128.2
37.5°	1817.7	1677.0	1536.3	1428.8	1321.3	1318.1	1314.8	1341.8	1368.7	1382.7
40°	1971.7	1818.7	1665.7	1585.7	1505.8	1562.2	1618.7	1684.1	1749.6	1782.3
42.5°	2176.0	2024.2	1872.4	1826.3	1780.3	1903.4	2026.4	2145.5	2264.7	2334.6
45°	2428.3	2291.9	2155.5	2135.2	2114.9	2312.0	2509.2	2705.0	2900.8	3019.6
47.5°	2743.8	2611.2	2478.4	2474.3	2470.2	2754.7	3039.0	3325.6	3612.1	3780.4
50°	3157.4	2993.5	2829.6	2830.3	2831.0	3197.6	3564.2	3942.4	4320.7	4549.4
52.5°	3632.1	3433.6	3235.2	3215.2	3195.1	3632.9	4070.8	4538.8	5006.8	5280.9
55°	4137.5	3941.4	3745.3	3667.1	3588.9	4076.3	4563.6	5121.5	5679.4	6005.4
57.5°	4597.1	4490.4	4383.6	4226.7	4069.8	4561.9	5054.0	5685.9	6317.8	6722.1
60°	4875.0	5040.8	5206.7	5011.8	4817.0	5282.7	5748.4	6424.9	7101.5	7538.5
62.5°	4733.9	5187.0	5640.1	5618.2	5596.2	6022.8	6449.4	7093.1	7736.8	8140.6
65°	4451.5	4876.8	5302.1	5386.2	5470.3	6012.5	6554.7	7178.8	7803.0	8146.8
67.5°	4073.2	4477.7	4882.2	4921.6	4961.0	5525.9	6090.7	6717.6	7344.5	7613.8
70°	3618.7	4058.6	4498.6	4516.2	4533.9	5039.1	5544.2	6083.6	6623.0	6772.8
72.5°	3077.0	3581.9	4086.8	4099.5	4112.1	4507.3	4902.6	5306.6	5710.6	5725.7
75°	2391.9	2914.4	3436.9	3483.8	3530.7	3838.2	4145.7	4430.1	4714.5	4638.3
77.5°	1708.9	2196.7	2684.5	2751.6	2818.8	3052.5	3286.3	3488.0	3689.7	3558.8
80°	1118.5	1528.9	1939.2	2022.6	2106.1	2282.6	2459.1	2565.0	2670.9	2460.2
82.5°	650.2	930.7	1211.3	1304.5	1397.8	1519.3	1640.8	1685.0	1729.1	1563.5
85°	286.1	435.0	583.9	663.1	742.4	842.3	942.1	967.2	992.2	859.6
87.5°	88.6	138.6	188.6	232.9	277.1	327.0	377.0	379.1	381.2	320.0
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°
1073.4	0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
1186.7	2.5°	1184.8	1183.0	1179.2	1175.5	1169.3	1163.1	1158.7	1154.3	1145.5	1136.6
1328.7	5°	1323.7	1318.7	1310.4	1302.2	1287.0	1271.8	1256.5	1241.2	1221.7	1202.1
1464.5	7.5°	1457.2	1449.9	1436.5	1423.0	1400.6	1378.3	1353.4	1328.6	1296.3	1264.0
1552.6	10°	1545.6	1538.5	1522.7	1506.8	1480.5	1454.3	1424.9	1395.5	1354.7	1313.9
1578.4	12.5°	1574.5	1570.6	1559.1	1547.6	1523.9	1500.2	1468.4	1436.5	1391.6	1346.8
1538.7	15°	1542.9	1547.0	1546.6	1546.2	1531.3	1516.4	1488.9	1461.4	1414.6	1367.9
1449.1	17.5°	1464.4	1479.7	1496.4	1513.1	1512.8	1512.6	1494.0	1475.4	1428.0	1380.6
1337.4	20°	1364.2	1391.0	1427.9	1464.7	1484.3	1503.8	1497.3	1490.8	1441.6	1392.3
1235.3	22.5°	1268.9	1302.4	1356.6	1410.7	1451.3	1491.8	1500.3	1508.8	1458.4	1408.1
1153.2	25°	1188.4	1223.7	1289.4	1355.2	1416.7	1478.3	1505.1	1531.8	1482.5	1433.2
1089.3	27.5°	1123.9	1158.6	1231.5	1304.4	1385.9	1467.4	1515.3	1563.1	1516.1	1469.0
1045.7	30°	1077.9	1110.1	1186.0	1262.0	1362.3	1462.6	1534.0	1605.4	1559.9	1514.4
1039.4	32.5°	1064.7	1090.0	1161.3	1232.7	1346.2	1459.7	1557.4	1655.2	1610.2	1565.2
1129.1	35°	1135.0	1140.9	1190.4	1240.0	1358.3	1476.6	1596.1	1715.7	1672.7	1629.5
1368.7	37.5°	1341.8	1314.8	1318.1	1321.3	1428.8	1536.3	1677.0	1817.7	1762.7	1707.8
1749.6	40°	1684.1	1618.7	1562.2	1505.8	1585.7	1665.7	1818.7	1971.7	1891.7	1811.6
2264.7	42.5°	2145.5	2026.4	1903.4	1780.3	1826.3	1872.4	2024.2	2176.0	2060.5	1944.9
2900.8	45°	2705.0	2509.2	2312.0	2114.9	2135.2	2155.5	2291.9	2428.3	2272.4	2116.5
3612.1	47.5°	3325.6	3039.0	2754.7	2470.2	2474.3	2478.4	2611.2	2743.8	2524.4	2305.0
4320.7	50°	3942.4	3564.2	3197.6	2831.0	2830.3	2829.6	2993.5	3157.4	2826.6	2495.7
5006.8	52.5°	4538.8	4070.8	3632.9	3195.1	3215.2	3235.2	3433.6	3632.1	3144.0	2655.9
5679.4	55°	5121.5	4563.6	4076.3	3588.9	3667.1	3745.3	3941.4	4137.5	3425.4	2713.3
6317.8	57.5°	5685.9	5054.0	4561.9	4069.8	4226.7	4383.6	4490.4	4597.1	3624.8	2652.5
7101.5	60°	6424.9	5748.4	5282.7	4817.0	5011.8	5206.7	5040.8	4875.0	3674.7	2474.3
7736.8	62.5°	7093.1	6449.4	6022.8	5596.2	5618.2	5640.1	5187.0	4733.9	3464.8	2195.7
7803.0	65°	7178.8	6554.7	6012.5	5470.3	5386.2	5302.1	4876.8	4451.5	3167.9	1884.2
7344.5	67.5°	6717.6	6090.7	5525.9	4961.0	4921.6	4882.2	4477.7	4073.2	2814.5	1555.8
6623.0	70°	6083.6	5544.2	5039.1	4533.9	4516.2	4498.6	4058.6	3618.7	2428.9	1239.2
5710.6	72.5°	5306.6	4902.6	4507.3	4112.1	4099.5	4086.8	3581.9	3077.0	2010.9	944.9
4714.5	75°	4430.1	4145.7	3838.2	3530.7	3483.8	3436.9	2914.4	2391.9	1531.8	671.7
3689.7	77.5°	3488.0	3286.3	3052.5	2818.8	2751.6	2684.5	2196.7	1708.9	1072.1	435.3
2670.9	80°	2565.0	2459.1	2282.6	2106.1	2022.6	1939.2	1528.9	1118.5	690.7	263.0
1729.1	82.5°	1685.0	1640.8	1519.3	1397.8	1304.5	1211.3	930.7	650.2	399.8	149.4
992.2	85°	967.2	942.1	842.3	742.4	663.1	583.9	435.0	286.1	179.8	73.6
381.2	87.5°	379.1	377.0	327.0	277.1	232.9	188.6	138.6	88.6	58.9	29.2
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1073.4	0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
1127.2	2.5°	1117.8	1108.3	1098.8	1089.8	1080.7	1072.0	1062.2	1054.3	1046.4	1039.3
1182.6	5°	1163.1	1143.5	1123.8	1105.5	1087.2	1069.9	1052.8	1037.9	1022.9	1010.4
1234.2	7.5°	1204.4	1175.3	1146.3	1120.7	1095.1	1071.5	1049.4	1029.6	1009.8	993.3
1274.4	10°	1235.1	1199.8	1164.5	1134.3	1104.0	1074.8	1051.1	1030.1	1009.2	992.7
1302.2	12.5°	1257.5	1215.9	1174.3	1140.1	1105.8	1075.2	1053.1	1036.0	1018.9	1008.0
1319.5	15°	1271.0	1223.1	1175.2	1135.6	1096.0	1062.1	1044.4	1036.2	1028.0	1029.5
1327.7	17.5°	1274.9	1219.3	1163.7	1116.0	1068.4	1028.5	1017.6	1020.6	1023.6	1041.5
1334.2	20°	1276.1	1208.7	1141.4	1082.3	1023.2	976.8	973.9	987.9	1001.9	1033.1
1342.9	22.5°	1277.8	1195.8	1113.8	1042.7	971.6	918.7	924.4	945.1	965.8	1001.4
1358.8	25°	1284.3	1183.0	1081.8	998.5	915.2	861.1	876.3	900.2	924.1	956.1
1383.5	27.5°	1297.9	1174.5	1051.2	958.1	865.1	815.8	834.3	857.4	880.4	906.7
1415.5	30°	1316.5	1170.5	1024.5	924.3	824.2	782.8	797.3	815.6	834.0	855.8
1448.9	32.5°	1332.6	1165.6	998.5	895.2	791.9	758.5	765.0	775.8	786.6	804.1
1486.9	35°	1344.3	1156.3	968.3	866.6	764.9	737.1	734.4	737.4	740.4	753.7
1529.6	37.5°	1351.3	1140.3	929.3	832.9	736.5	712.2	702.4	699.1	695.8	705.3
1583.7	40°	1355.7	1118.4	881.0	792.7	704.3	682.3	667.3	659.8	652.4	659.2
1654.5	42.5°	1364.1	1095.7	827.4	748.3	669.2	648.9	630.0	620.1	610.2	615.8
1747.7	45°	1378.8	1074.7	770.6	701.2	631.8	611.2	592.9	583.3	573.7	578.4
1846.9	47.5°	1388.9	1057.3	725.7	663.9	602.2	575.6	559.8	551.8	543.7	548.1
1939.0	50°	1382.3	1038.3	694.4	639.2	584.0	549.1	530.7	523.6	516.4	523.4
1998.8	52.5°	1341.7	1006.3	671.0	622.9	574.8	534.6	509.0	501.9	494.9	505.3
1985.7	55°	1257.9	953.3	648.6	611.0	573.4	536.1	497.5	486.3	475.1	489.9
1892.9	57.5°	1133.3	878.5	623.6	597.0	570.5	537.5	490.6	474.3	457.9	473.8
1720.3	60°	966.2	781.4	596.5	575.6	554.7	533.0	484.1	462.9	441.8	455.7
1486.9	62.5°	778.0	665.1	552.3	538.4	524.5	521.9	476.5	450.0	423.6	432.5
1248.7	65°	613.2	560.5	507.9	501.3	494.8	495.1	460.5	432.4	404.3	407.7
1015.4	67.5°	475.0	460.0	445.1	448.7	452.3	451.4	432.0	408.6	385.2	384.1
799.5	70°	359.8	364.1	368.3	385.3	402.2	402.2	395.8	379.2	362.5	358.8
611.2	72.5°	277.5	290.4	303.4	327.4	351.4	355.5	355.5	344.1	332.7	327.3
443.6	75°	215.5	227.2	238.9	265.8	292.8	311.4	309.8	301.1	292.2	287.0
300.6	77.5°	165.9	173.9	181.9	208.0	234.2	264.8	264.0	257.0	249.9	244.7
193.7	80°	124.4	127.7	131.0	153.1	175.3	211.9	211.8	205.9	200.0	195.6
119.1	82.5°	88.9	89.5	90.1	106.4	122.7	154.0	155.8	152.9	150.0	146.9
63.7	85°	53.8	53.5	53.1	65.1	77.0	100.3	102.6	99.5	96.4	92.9
26.4	87.5°	23.6	23.3	23.0	27.8	32.7	42.4	45.3	44.1	42.8	42.2
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°
1073.4	0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
1032.2	2.5°	1026.0	1019.8	1013.5	1007.3	1002.5	997.6	993.7	989.8	986.7	983.7
997.9	5°	986.9	975.9	965.8	955.8	948.1	940.4	935.0	929.6	925.7	921.9
976.8	7.5°	962.9	949.0	936.7	924.5	915.3	906.2	899.7	893.3	888.9	884.5
976.3	10°	961.3	946.3	932.5	918.7	907.8	896.8	889.6	882.4	878.2	874.0
997.1	12.5°	985.3	973.6	959.3	945.1	931.1	917.1	907.8	898.5	893.9	889.3
1031.0	15°	1027.9	1024.9	1012.5	1000.1	980.1	960.2	946.1	932.0	925.6	919.1
1059.5	17.5°	1069.0	1078.5	1068.5	1058.6	1032.2	1005.8	985.0	964.2	954.7	945.1
1064.3	20°	1084.3	1104.3	1099.7	1095.0	1064.8	1034.7	1009.2	983.8	971.6	959.3
1037.1	22.5°	1063.1	1089.0	1091.8	1094.6	1065.8	1036.9	1010.7	984.5	971.6	958.7
988.1	25°	1013.7	1039.3	1048.8	1058.4	1034.7	1011.1	987.8	964.6	953.4	942.2
933.0	27.5°	953.5	974.0	984.7	995.3	978.5	961.7	943.6	925.5	918.0	910.5
877.7	30°	894.7	911.7	920.4	929.0	916.2	903.4	890.4	877.4	873.6	869.7
821.5	32.5°	837.8	854.2	863.8	873.4	861.6	849.8	839.5	829.1	826.6	824.1
766.9	35°	783.1	799.3	810.8	822.3	813.9	805.6	796.0	786.5	782.7	778.9
714.8	37.5°	730.9	747.1	761.3	775.6	771.7	767.9	759.1	750.3	743.3	736.4
666.1	40°	681.7	697.3	713.6	730.1	731.0	731.9	724.5	717.0	706.9	696.8
621.5	42.5°	636.2	651.0	668.7	686.4	691.2	695.9	689.6	683.3	670.8	658.2
583.2	45°	597.2	611.2	629.5	647.9	654.7	661.5	655.8	650.2	635.8	621.5
552.6	47.5°	566.3	579.9	598.1	616.2	624.0	631.8	627.9	623.9	611.2	598.4
530.3	50°	543.2	556.1	572.4	588.6	598.6	608.7	608.4	608.3	598.1	587.9
515.7	52.5°	527.6	539.4	554.5	569.6	581.6	593.5	595.6	597.7	589.4	581.1
504.7	55°	517.4	530.2	543.5	556.7	569.3	581.9	584.9	587.9	580.6	573.4
489.7	57.5°	504.7	519.7	532.8	546.0	558.7	571.4	574.4	577.4	570.1	562.7
469.6	60°	486.9	504.1	517.4	530.7	543.5	556.3	559.6	562.9	555.7	548.6
441.3	62.5°	461.4	481.5	495.7	509.9	521.6	533.3	536.5	539.7	533.2	526.7
411.1	65°	432.6	454.1	467.7	481.3	491.6	501.9	505.1	508.4	502.1	495.9
383.1	67.5°	402.9	422.8	435.7	448.6	457.4	466.3	469.5	472.6	466.9	461.2
355.1	70°	372.6	390.1	401.2	412.3	420.3	428.4	431.4	434.5	429.8	425.2
321.9	72.5°	335.7	349.4	359.4	369.5	377.3	385.2	388.8	392.5	388.6	384.7
281.8	75°	292.0	302.2	311.3	320.5	327.6	334.8	338.6	342.4	340.5	338.6
239.4	77.5°	247.7	256.0	263.8	271.6	279.2	286.7	290.2	293.8	291.1	288.4
191.1	80°	198.0	204.9	211.5	218.1	223.8	229.5	234.2	238.9	237.7	236.6
143.8	82.5°	143.2	142.6	140.3	138.0	150.2	162.4	170.4	178.3	177.9	177.3
89.4	85°	86.4	83.4	77.0	70.6	82.0	93.5	103.4	113.3	112.4	111.6
41.5	87.5°	41.4	41.3	36.4	31.5	36.3	41.1	45.1	49.1	48.1	47.0
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°
1073.4	0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
980.9	2.5°	978.0	974.5	978.0	980.9	983.7	986.7	989.8	993.7	997.6	1002.5
919.0	5°	916.0	913.2	916.0	919.0	921.9	925.7	929.6	935.0	940.4	948.1
881.9	7.5°	879.3	877.3	879.3	881.9	884.5	888.9	893.3	899.7	906.2	915.3
871.8	10°	869.6	868.7	869.6	871.8	874.0	878.2	882.4	889.6	896.8	907.8
887.4	12.5°	885.5	885.2	885.5	887.4	889.3	893.9	898.5	907.8	917.1	931.1
916.7	15°	914.2	914.0	914.2	916.7	919.1	925.6	932.0	946.1	960.2	980.1
942.0	17.5°	938.8	938.3	938.8	942.0	945.1	954.7	964.2	985.0	1005.8	1032.2
955.4	20°	951.5	950.2	951.5	955.4	959.3	971.6	983.8	1009.2	1034.7	1064.8
954.4	22.5°	950.0	948.2	950.0	954.4	958.7	971.6	984.5	1010.7	1036.9	1065.8
938.1	25°	934.1	931.7	934.1	938.1	942.2	953.4	964.6	987.8	1011.1	1034.7
908.6	27.5°	906.8	906.2	906.8	908.6	910.5	918.0	925.5	943.6	961.7	978.5
869.7	30°	869.7	870.3	869.7	869.7	869.7	873.6	877.4	890.4	903.4	916.2
824.4	32.5°	824.8	825.4	824.8	824.4	824.1	826.6	829.1	839.5	849.8	861.6
778.1	35°	777.2	776.8	777.2	778.1	778.9	782.7	786.5	796.0	805.6	813.9
732.7	37.5°	729.0	727.0	729.0	732.7	736.4	743.3	750.3	759.1	767.9	771.7
690.0	40°	683.2	679.2	683.2	690.0	696.8	706.9	717.0	724.5	731.9	731.0
648.3	42.5°	638.4	631.8	638.4	648.3	658.2	670.8	683.3	689.6	695.9	691.2
609.8	45°	598.2	590.7	598.2	609.8	621.5	635.8	650.2	655.8	661.5	654.7
587.6	47.5°	576.9	569.6	576.9	587.6	598.4	611.2	623.9	627.9	631.8	624.0
577.9	50°	567.9	561.0	567.9	577.9	587.9	598.1	608.3	608.4	608.7	598.6
572.2	52.5°	563.3	556.9	563.3	572.2	581.1	589.4	597.7	595.6	593.5	581.6
565.5	55°	557.7	551.9	557.7	565.5	573.4	580.6	587.9	584.9	581.9	569.3
555.0	57.5°	547.2	541.2	547.2	555.0	562.7	570.1	577.4	574.4	571.4	558.7
540.6	60°	532.6	526.4	532.6	540.6	548.6	555.7	562.9	559.6	556.3	543.5
518.3	62.5°	509.9	502.5	509.9	518.3	526.7	533.2	539.7	536.5	533.3	521.6
487.8	65°	479.6	473.3	479.6	487.8	495.9	502.1	508.4	505.1	501.9	491.6
453.7	67.5°	446.1	440.3	446.1	453.7	461.2	466.9	472.6	469.5	466.3	457.4
417.9	70°	410.7	404.1	410.7	417.9	425.2	429.8	434.5	431.4	428.4	420.3
377.8	72.5°	370.9	364.5	370.9	377.8	384.7	388.6	392.5	388.8	385.2	377.3
332.8	75°	327.0	320.9	327.0	332.8	338.6	340.5	342.4	338.6	334.8	327.6
282.6	77.5°	276.7	271.8	276.7	282.6	288.4	291.1	293.8	290.2	286.7	279.2
228.8	80°	220.9	211.7	220.9	228.8	236.6	237.7	238.9	234.2	229.5	223.8
170.7	82.5°	164.0	158.2	164.0	170.7	177.3	177.9	178.3	170.4	162.4	150.2
106.4	85°	101.2	96.0	101.2	106.4	111.6	112.4	113.3	103.4	93.5	82.0
44.4	87.5°	41.7	39.1	41.7	44.4	47.0	48.1	49.1	45.1	41.1	36.3
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1073.4	0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
1007.3	2.5°	1013.5	1019.8	1026.0	1032.2	1039.3	1046.4	1054.3	1062.2	1072.0	1080.7
955.8	5°	965.8	975.9	986.9	997.9	1010.4	1022.9	1037.9	1052.8	1069.9	1087.2
924.5	7.5°	936.7	949.0	962.9	976.8	993.3	1009.8	1029.6	1049.4	1071.5	1095.1
918.7	10°	932.5	946.3	961.3	976.3	992.7	1009.2	1030.1	1051.1	1074.8	1104.0
945.1	12.5°	959.3	973.6	985.3	997.1	1008.0	1018.9	1036.0	1053.1	1075.2	1105.8
1000.1	15°	1012.5	1024.9	1027.9	1031.0	1029.5	1028.0	1036.2	1044.4	1062.1	1096.0
1058.6	17.5°	1068.5	1078.5	1069.0	1059.5	1041.5	1023.6	1020.6	1017.6	1028.5	1068.4
1095.0	20°	1099.7	1104.3	1084.3	1064.3	1033.1	1001.9	987.9	973.9	976.8	1023.2
1094.6	22.5°	1091.8	1089.0	1063.1	1037.1	1001.4	965.8	945.1	924.4	918.7	971.6
1058.4	25°	1048.8	1039.3	1013.7	988.1	956.1	924.1	900.2	876.3	861.1	915.2
995.3	27.5°	984.7	974.0	953.5	933.0	906.7	880.4	857.4	834.3	815.8	865.1
929.0	30°	920.4	911.7	894.7	877.7	855.8	834.0	815.6	797.3	782.8	824.2
873.4	32.5°	863.8	854.2	837.8	821.5	804.1	786.6	775.8	765.0	758.5	791.9
822.3	35°	810.8	799.3	783.1	766.9	753.7	740.4	737.4	734.4	737.1	764.9
775.6	37.5°	761.3	747.1	730.9	714.8	705.3	695.8	699.1	702.4	712.2	736.5
730.1	40°	713.6	697.3	681.7	666.1	659.2	652.4	659.8	667.3	682.3	704.3
686.4	42.5°	668.7	651.0	636.2	621.5	615.8	610.2	620.1	630.0	648.9	669.2
647.9	45°	629.5	611.2	597.2	583.2	578.4	573.7	583.3	592.9	611.2	631.8
616.2	47.5°	598.1	579.9	566.3	552.6	548.1	543.7	551.8	559.8	575.6	602.2
588.6	50°	572.4	556.1	543.2	530.3	523.4	516.4	523.6	530.7	549.1	584.0
569.6	52.5°	554.5	539.4	527.6	515.7	505.3	494.9	501.9	509.0	534.6	574.8
556.7	55°	543.5	530.2	517.4	504.7	489.9	475.1	486.3	497.5	536.1	573.4
546.0	57.5°	532.8	519.7	504.7	489.7	473.8	457.9	474.3	490.6	537.5	570.5
530.7	60°	517.4	504.1	486.9	469.6	455.7	441.8	462.9	484.1	533.0	554.7
509.9	62.5°	495.7	481.5	461.4	441.3	432.5	423.6	450.0	476.5	521.9	524.5
481.3	65°	467.7	454.1	432.6	411.1	407.7	404.3	432.4	460.5	495.1	494.8
448.6	67.5°	435.7	422.8	402.9	383.1	384.1	385.2	408.6	432.0	451.4	452.3
412.3	70°	401.2	390.1	372.6	355.1	358.8	362.5	379.2	395.8	402.2	402.2
369.5	72.5°	359.4	349.4	335.7	321.9	327.3	332.7	344.1	355.5	355.5	351.4
320.5	75°	311.3	302.2	292.0	281.8	287.0	292.2	301.1	309.8	311.4	292.8
271.6	77.5°	263.8	256.0	247.7	239.4	244.7	249.9	257.0	264.0	264.8	234.2
218.1	80°	211.5	204.9	198.0	191.1	195.6	200.0	205.9	211.8	211.9	175.3
138.0	82.5°	140.3	142.6	143.2	143.8	146.9	150.0	152.9	155.8	154.0	122.7
70.6	85°	77.0	83.4	86.4	89.4	92.9	96.4	99.5	102.6	100.3	77.0
31.5	87.5°	36.4	41.3	41.4	41.5	42.2	42.8	44.1	45.3	42.4	32.7
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):

325°		330°	335°	340°	345°	350°	355°	360°
1073.4	0°	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4	1073.4
1089.8	2.5°	1098.8	1108.3	1117.8	1127.2	1136.6	1145.5	1154.3
1105.5	5°	1123.8	1143.5	1163.1	1182.6	1202.1	1221.7	1241.2
1120.7	7.5°	1146.3	1175.3	1204.4	1234.2	1264.0	1296.3	1328.6
1134.3	10°	1164.5	1199.8	1235.1	1274.4	1313.9	1354.7	1395.5
1140.1	12.5°	1174.3	1215.9	1257.5	1302.2	1346.8	1391.6	1436.5
1135.6	15°	1175.2	1223.1	1271.0	1319.5	1367.9	1414.6	1461.4
1116.0	17.5°	1163.7	1219.3	1274.9	1327.7	1380.6	1428.0	1475.4
1082.3	20°	1141.4	1208.7	1276.1	1334.2	1392.3	1441.6	1490.8
1042.7	22.5°	1113.8	1195.8	1277.8	1342.9	1408.1	1458.4	1508.8
998.5	25°	1081.8	1183.0	1284.3	1358.8	1433.2	1482.5	1531.8
958.1	27.5°	1051.2	1174.5	1297.9	1383.5	1469.0	1516.1	1563.1
924.3	30°	1024.5	1170.5	1316.5	1415.5	1514.4	1559.9	1605.4
895.2	32.5°	998.5	1165.6	1332.6	1448.9	1565.2	1610.2	1655.2
866.6	35°	968.3	1156.3	1344.3	1486.9	1629.5	1672.7	1715.7
832.9	37.5°	929.3	1140.3	1351.3	1529.6	1707.8	1762.7	1817.7
792.7	40°	881.0	1118.4	1355.7	1583.7	1811.6	1891.7	1971.7
748.3	42.5°	827.4	1095.7	1364.1	1654.5	1944.9	2060.5	2176.0
701.2	45°	770.6	1074.7	1378.8	1747.7	2116.5	2272.4	2428.3
663.9	47.5°	725.7	1057.3	1388.9	1846.9	2305.0	2524.4	2743.8
639.2	50°	694.4	1038.3	1382.3	1939.0	2495.7	2826.6	3157.4
622.9	52.5°	671.0	1006.3	1341.7	1998.8	2655.9	3144.0	3632.1
611.0	55°	648.6	953.3	1257.9	1985.7	2713.3	3425.4	4137.5
597.0	57.5°	623.6	878.5	1133.3	1892.9	2652.5	3624.8	4597.1
575.6	60°	596.5	781.4	966.2	1720.3	2474.3	3674.7	4875.0
538.4	62.5°	552.3	665.1	778.0	1486.9	2195.7	3464.8	4733.9
501.3	65°	507.9	560.5	613.2	1248.7	1884.2	3167.9	4451.5
448.7	67.5°	445.1	460.0	475.0	1015.4	1555.8	2814.5	4073.2
385.3	70°	368.3	364.1	359.8	799.5	1239.2	2428.9	3618.7
327.4	72.5°	303.4	290.4	277.5	611.2	944.9	2010.9	3077.0
265.8	75°	238.9	227.2	215.5	443.6	671.7	1531.8	2391.9
208.0	77.5°	181.9	173.9	165.9	300.6	435.3	1072.1	1708.9
153.1	80°	131.0	127.7	124.4	193.7	263.0	690.7	1118.5
106.4	82.5°	90.1	89.5	88.9	119.1	149.4	399.8	650.2
65.1	85°	53.1	53.5	53.8	63.7	73.6	179.8	286.1
27.8	87.5°	23.0	23.3	23.6	26.4	29.2	58.9	88.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)