

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: P945764

Luminaire Tested: **GALN-SB1C-840-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945764
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-840-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 4000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7140 lumens
Efficiency: N/A
Efficacy: 131.2 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

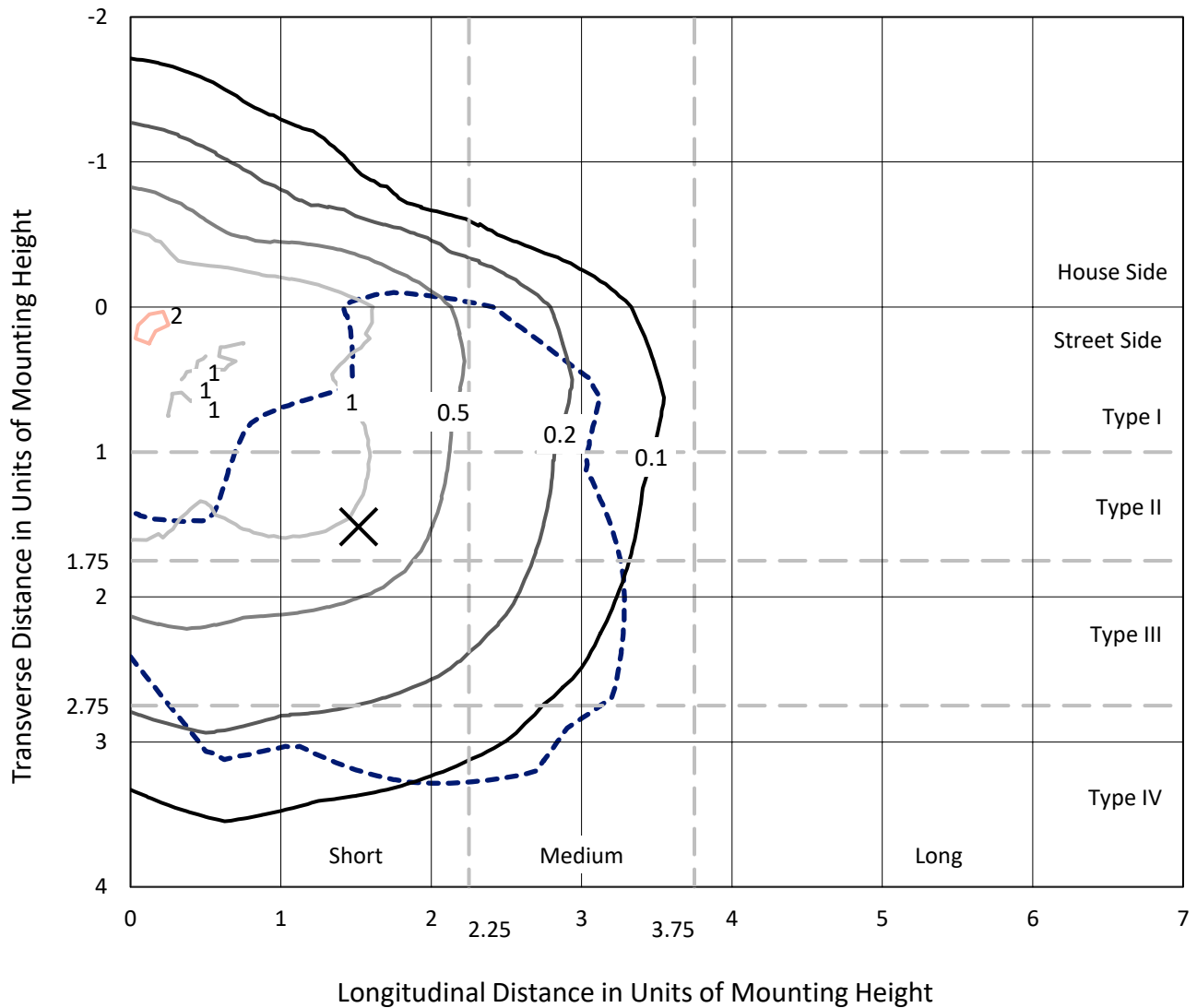
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

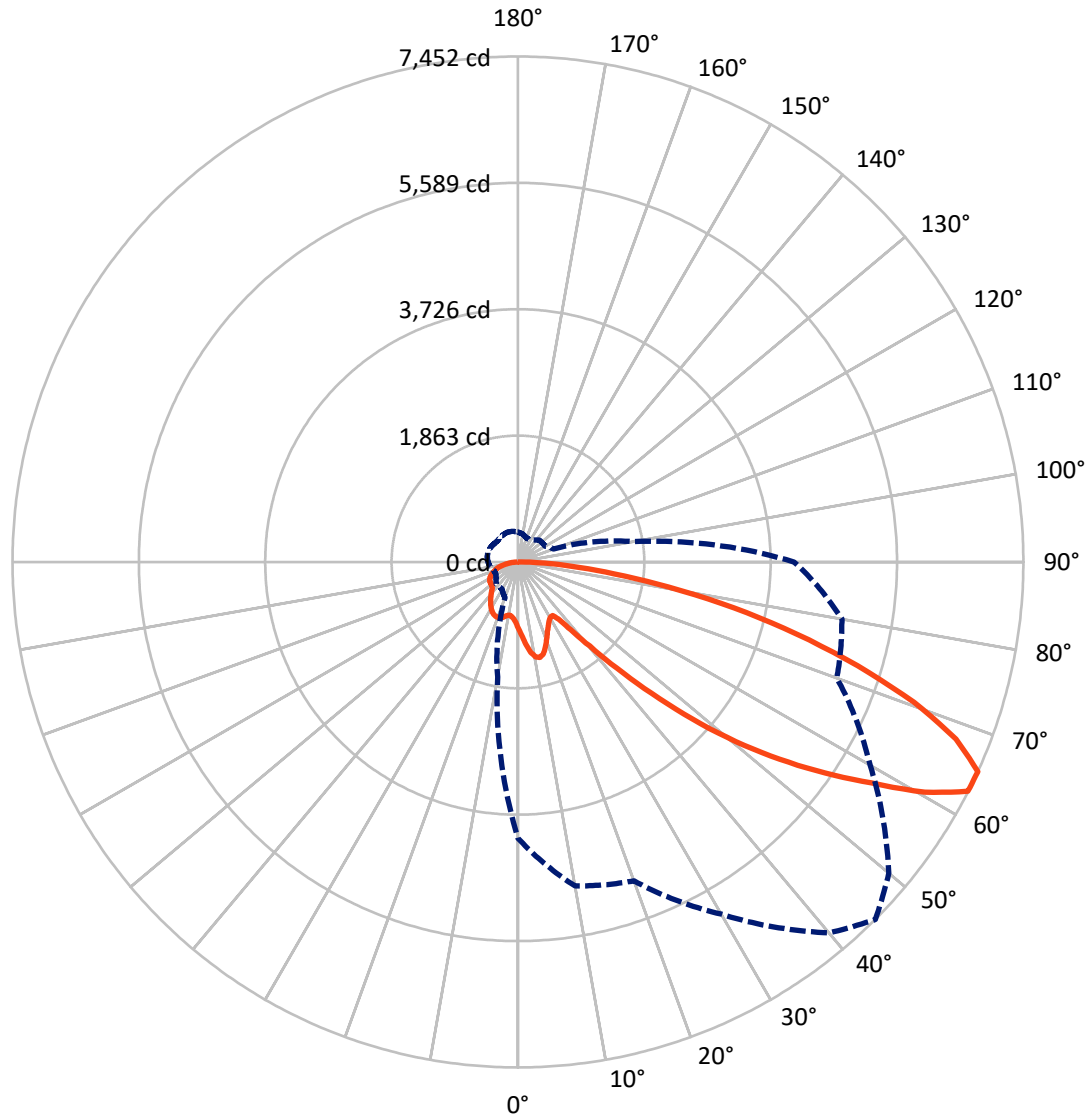
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.2 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	1814.6	0.0	1814.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5325.4	0.0	5325.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	7140.0	0.0	7140.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.4	1.4
10°-20°	305.7	4.3
20°-30°	472.3	6.6
30°-40°	598.5	8.4
40°-50°	902.7	12.6
50°-60°	1458.4	20.4
60°-70°	1818.1	25.5
70°-80°	1192.2	16.7
80°-90°	294.7	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°	7140.0	100.0
0°-180°	7140.0	100.0

Coefficient of Utilization



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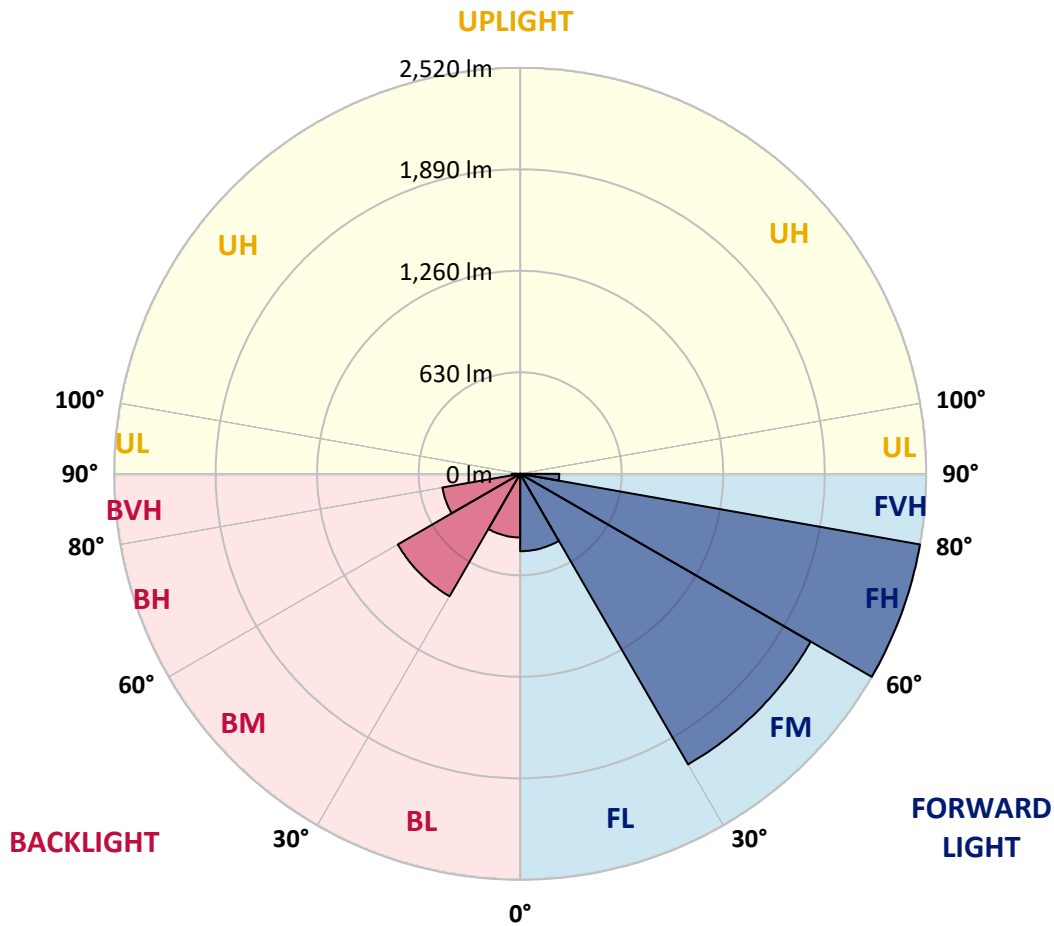
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	480.2	6.7			
FM (30°-60°)	2082.6	29.2			
FH (60°-80°)	2519.7	35.3			G2/5000
FVH (80°-90°)	242.8	3.4			G3/500
BL (0°-30°)	395.2	5.5	B1/500		
BM (30°-60°)	876.9	12.3	B1/1000		
BH (60°-80°)	490.6	6.9	B1/500		G1/500
BVH (80°-90°)	51.9	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°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
2.5°	1055.8	1059.8	1063.9	1069.6	1075.2	1078.6	1082.0	1083.7	1085.4	1084.7
5°	1135.3	1149.3	1163.3	1177.2	1191.1	1198.6	1206.2	1210.7	1215.3	1218.8
7.5°	1215.2	1238.0	1260.7	1281.1	1301.6	1313.9	1326.2	1332.9	1339.5	1342.7
10°	1276.4	1303.3	1330.2	1354.2	1378.2	1392.8	1407.2	1413.7	1420.2	1422.6
12.5°	1313.9	1343.1	1372.2	1393.9	1415.5	1426.1	1436.6	1440.2	1443.7	1444.1
15°	1336.7	1361.9	1387.0	1400.6	1414.2	1414.6	1415.0	1411.2	1407.5	1403.0
17.5°	1349.5	1366.5	1383.5	1383.8	1384.0	1368.7	1353.5	1339.5	1325.5	1315.6
20°	1363.6	1369.6	1375.5	1357.6	1339.7	1306.0	1272.4	1247.8	1223.3	1208.2
22.5°	1380.0	1372.3	1364.5	1327.4	1290.4	1240.8	1191.3	1160.6	1129.9	1113.3
25°	1401.1	1376.6	1352.2	1295.9	1239.6	1179.4	1119.3	1087.0	1054.8	1039.1
27.5°	1429.8	1386.0	1342.2	1267.6	1193.1	1126.4	1059.7	1028.0	996.3	981.4
30°	1468.4	1403.1	1337.8	1246.1	1154.3	1084.8	1015.3	985.9	956.5	942.6
32.5°	1514.0	1424.6	1335.2	1231.4	1127.5	1062.2	997.0	973.9	950.7	940.7
35°	1569.4	1459.9	1350.6	1242.4	1134.2	1088.8	1043.5	1038.1	1032.7	1031.9
37.5°	1662.6	1533.9	1405.2	1306.9	1208.5	1205.6	1202.7	1227.3	1251.9	1264.8
40°	1803.5	1663.5	1523.6	1450.5	1377.3	1428.9	1480.6	1540.5	1600.4	1630.2
42.5°	1990.4	1851.5	1712.6	1670.5	1628.4	1741.0	1853.5	1962.5	2071.4	2135.4
45°	2221.1	2096.4	1971.6	1953.0	1934.4	2114.8	2295.2	2474.2	2653.3	2762.0
47.5°	2509.7	2388.4	2267.0	2263.2	2259.4	2519.6	2779.7	3041.8	3303.9	3457.8
50°	2888.0	2738.1	2588.2	2588.8	2589.5	2924.8	3260.1	3606.1	3952.0	4161.2
52.5°	3322.2	3140.7	2959.2	2940.8	2922.5	3323.0	3723.5	4151.6	4579.6	4830.3
55°	3784.5	3605.1	3425.8	3354.2	3282.7	3728.5	4174.2	4684.5	5194.8	5493.0
57.5°	4204.9	4107.3	4009.6	3866.1	3722.6	4172.7	4622.8	5200.8	5778.8	6148.6
60°	4459.0	4610.7	4762.4	4584.2	4406.0	4832.0	5257.9	5876.8	6495.6	6895.3
62.5°	4330.0	4744.5	5158.9	5138.8	5118.7	5508.9	5899.2	6487.9	7076.7	7446.1
65°	4071.7	4460.7	4849.7	4926.7	5003.6	5499.5	5995.4	6566.3	7137.2	7451.7
67.5°	3725.7	4095.7	4465.6	4501.7	4537.8	5054.4	5571.1	6144.5	6717.8	6964.2
70°	3309.9	3712.3	4114.8	4130.9	4147.1	4609.1	5071.1	5564.6	6058.0	6194.9
72.5°	2814.5	3276.3	3738.1	3749.7	3761.3	4122.8	4484.3	4853.8	5223.3	5237.2
75°	2187.8	2665.7	3143.7	3186.6	3229.5	3510.7	3792.0	4052.1	4312.3	4242.6
77.5°	1563.1	2009.3	2455.5	2516.9	2578.3	2792.1	3005.9	3190.4	3374.9	3255.1
80°	1023.1	1398.4	1773.7	1850.1	1926.4	2087.9	2249.3	2346.2	2443.0	2250.3
82.5°	594.7	851.3	1107.9	1193.2	1278.5	1389.6	1500.8	1541.2	1581.6	1430.1
85°	261.7	397.8	534.0	606.6	679.1	770.4	861.7	884.6	907.6	786.3
87.5°	81.0	126.8	172.6	213.0	253.5	299.1	344.8	346.8	348.7	292.7
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
1085.4	2.5°	1083.7	1082.0	1078.6	1075.2	1069.6	1063.9	1059.8	1055.8	1047.7	1039.6
1215.3	5°	1210.7	1206.2	1198.6	1191.1	1177.2	1163.3	1149.3	1135.3	1117.4	1099.5
1339.5	7.5°	1332.9	1326.2	1313.9	1301.6	1281.1	1260.7	1238.0	1215.2	1185.7	1156.2
1420.2	10°	1413.7	1407.2	1392.8	1378.2	1354.2	1330.2	1303.3	1276.4	1239.1	1201.8
1443.7	12.5°	1440.2	1436.6	1426.1	1415.5	1393.9	1372.2	1343.1	1313.9	1272.9	1231.9
1407.5	15°	1411.2	1415.0	1414.6	1414.2	1400.6	1387.0	1361.9	1336.7	1293.9	1251.2
1325.5	17.5°	1339.5	1353.5	1368.7	1384.0	1383.8	1383.5	1366.5	1349.5	1306.2	1262.8
1223.3	20°	1247.8	1272.4	1306.0	1339.7	1357.6	1375.5	1369.6	1363.6	1318.6	1273.5
1129.9	22.5°	1160.6	1191.3	1240.8	1290.4	1327.4	1364.5	1372.3	1380.0	1334.0	1287.9
1054.8	25°	1087.0	1119.3	1179.4	1239.6	1295.9	1352.2	1376.6	1401.1	1356.0	1310.9
996.3	27.5°	1028.0	1059.7	1126.4	1193.1	1267.6	1342.2	1386.0	1429.8	1386.7	1343.7
956.5	30°	985.9	1015.3	1084.8	1154.3	1246.1	1337.8	1403.1	1468.4	1426.8	1385.2
950.7	32.5°	973.9	997.0	1062.2	1127.5	1231.4	1335.2	1424.6	1514.0	1472.8	1431.7
1032.7	35°	1038.1	1043.5	1088.8	1134.2	1242.4	1350.6	1459.9	1569.4	1529.9	1490.5
1251.9	37.5°	1227.3	1202.7	1205.6	1208.5	1306.9	1405.2	1533.9	1662.6	1612.3	1562.1
1600.4	40°	1540.5	1480.6	1428.9	1377.3	1450.5	1523.6	1663.5	1803.5	1730.3	1657.0
2071.4	42.5°	1962.5	1853.5	1741.0	1628.4	1670.5	1712.6	1851.5	1990.4	1884.7	1778.9
2653.3	45°	2474.2	2295.2	2114.8	1934.4	1953.0	1971.6	2096.4	2221.1	2078.5	1935.9
3303.9	47.5°	3041.8	2779.7	2519.6	2259.4	2263.2	2267.0	2388.4	2509.7	2309.0	2108.3
3952.0	50°	3606.1	3260.1	2924.8	2589.5	2588.8	2588.2	2738.1	2888.0	2585.4	2282.8
4579.6	52.5°	4151.6	3723.5	3323.0	2922.5	2940.8	2959.2	3140.7	3322.2	2875.7	2429.3
5194.8	55°	4684.5	4174.2	3728.5	3282.7	3354.2	3425.8	3605.1	3784.5	3133.1	2481.8
5778.8	57.5°	5200.8	4622.8	4172.7	3722.6	3866.1	4009.6	4107.3	4204.9	3315.6	2426.2
6495.6	60°	5876.8	5257.9	4832.0	4406.0	4584.2	4762.4	4610.7	4459.0	3361.1	2263.2
7076.7	62.5°	6487.9	5899.2	5508.9	5118.7	5138.8	5158.9	4744.5	4330.0	3169.2	2008.4
7137.2	65°	6566.3	5995.4	5499.5	5003.6	4926.7	4849.7	4460.7	4071.7	2897.6	1723.4
6717.8	67.5°	6144.5	5571.1	5054.4	4537.8	4501.7	4465.6	4095.7	3725.7	2574.4	1423.1
6058.0	70°	5564.6	5071.1	4609.1	4147.1	4130.9	4114.8	3712.3	3309.9	2221.7	1133.5
5223.3	72.5°	4853.8	4484.3	4122.8	3761.3	3749.7	3738.1	3276.3	2814.5	1839.4	864.3
4312.3	75°	4052.1	3792.0	3510.7	3229.5	3186.6	3143.7	2665.7	2187.8	1401.1	614.4
3374.9	77.5°	3190.4	3005.9	2792.1	2578.3	2516.9	2455.5	2009.3	1563.1	980.6	398.1
2443.0	80°	2346.2	2249.3	2087.9	1926.4	1850.1	1773.7	1398.4	1023.1	631.8	240.6
1581.6	82.5°	1541.2	1500.8	1389.6	1278.5	1193.2	1107.9	851.3	594.7	365.7	136.7
907.6	85°	884.6	861.7	770.4	679.1	606.6	534.0	397.8	261.7	164.5	67.4
348.7	87.5°	346.8	344.8	299.1	253.5	213.0	172.6	126.8	81.0	53.9	26.7
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
1031.0	2.5°	1022.4	1013.8	1005.1	996.8	988.5	980.5	971.6	964.3	957.1	950.6
1081.7	5°	1063.9	1045.9	1028.0	1011.2	994.4	978.6	963.0	949.3	935.7	924.2
1128.9	7.5°	1101.6	1075.1	1048.5	1025.1	1001.7	980.1	959.9	941.7	923.6	908.5
1165.7	10°	1129.7	1097.4	1065.1	1037.5	1009.8	983.1	961.4	942.3	923.1	908.0
1191.1	12.5°	1150.2	1112.2	1074.1	1042.8	1011.5	983.5	963.3	947.6	932.0	922.0
1206.9	15°	1162.6	1118.8	1074.9	1038.7	1002.5	971.5	955.3	947.8	940.3	941.6
1214.5	17.5°	1166.1	1115.3	1064.4	1020.8	977.2	940.7	930.8	933.5	936.2	952.7
1220.4	20°	1167.2	1105.6	1044.0	989.9	935.9	893.5	890.8	903.6	916.4	945.0
1228.4	22.5°	1168.8	1093.8	1018.8	953.7	888.7	840.3	845.5	864.5	883.4	916.0
1242.8	25°	1174.7	1082.1	989.5	913.3	837.1	787.6	801.5	823.4	845.2	874.5
1265.4	27.5°	1187.1	1074.3	961.5	876.4	791.3	746.2	763.1	784.2	805.3	829.4
1294.7	30°	1204.2	1070.6	937.1	845.5	753.9	716.0	729.3	746.0	762.8	782.8
1325.3	32.5°	1218.9	1066.1	913.3	818.8	724.3	693.8	699.7	709.6	719.5	735.5
1360.1	35°	1229.6	1057.6	885.7	792.6	699.6	674.2	671.7	674.5	677.2	689.4
1399.1	37.5°	1236.0	1043.0	850.0	761.8	673.6	651.4	642.4	639.4	636.4	645.1
1448.6	40°	1240.1	1023.0	805.9	725.1	644.2	624.1	610.3	603.5	596.7	603.0
1513.3	42.5°	1247.7	1002.2	756.8	684.5	612.1	593.6	576.2	567.2	558.2	563.3
1598.6	45°	1261.2	983.0	704.8	641.4	577.9	559.1	542.3	533.5	524.7	529.0
1689.3	47.5°	1270.4	967.1	663.8	607.3	550.8	526.5	512.1	504.7	497.3	501.4
1773.6	50°	1264.4	949.8	635.1	584.6	534.2	502.2	485.4	478.9	472.4	478.7
1828.3	52.5°	1227.3	920.5	613.7	569.7	525.8	489.0	465.6	459.1	452.7	462.2
1816.2	55°	1150.6	872.0	593.3	558.9	524.5	490.3	455.0	444.8	434.6	448.1
1731.4	57.5°	1036.6	803.5	570.4	546.1	521.8	491.7	448.7	433.8	418.9	433.4
1573.5	60°	883.8	714.7	545.6	526.5	507.4	487.5	442.8	423.4	404.1	416.8
1360.0	62.5°	711.6	608.4	505.1	492.5	479.8	477.3	435.8	411.6	387.5	395.6
1142.2	65°	560.9	512.7	464.5	458.5	452.6	452.9	421.2	395.5	369.8	372.9
928.8	67.5°	434.5	420.8	407.1	410.4	413.7	412.9	395.1	373.7	352.3	351.4
731.3	70°	329.1	333.0	336.9	352.4	367.9	367.9	362.1	346.8	331.6	328.2
559.1	72.5°	253.9	265.6	277.5	299.5	321.4	325.1	325.2	314.8	304.3	299.4
405.8	75°	197.1	207.8	218.5	243.2	267.8	284.8	283.4	275.4	267.3	262.6
275.0	77.5°	151.8	159.0	166.3	190.3	214.2	242.3	241.5	235.1	228.6	223.8
177.1	80°	113.8	116.8	119.8	140.1	160.3	193.8	193.7	188.3	182.9	178.9
109.0	82.5°	81.3	81.8	82.4	97.4	112.3	140.9	142.5	139.8	137.2	134.3
58.2	85°	49.2	48.9	48.6	59.5	70.5	91.7	93.8	91.0	88.2	85.0
24.1	87.5°	21.6	21.3	21.0	25.5	30.0	38.8	41.4	40.3	39.2	38.6
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
944.1	2.5°	938.4	932.8	927.0	921.3	916.9	912.5	908.9	905.3	902.5	899.8
912.8	5°	902.7	892.6	883.4	874.2	867.2	860.1	855.2	850.3	846.7	843.2
893.5	7.5°	880.8	868.0	856.8	845.6	837.2	828.9	823.0	817.1	813.1	809.1
893.0	10°	879.3	865.6	853.0	840.3	830.3	820.3	813.7	807.1	803.3	799.5
912.0	12.5°	901.3	890.6	877.5	864.5	851.6	838.8	830.4	821.9	817.6	813.4
943.0	15°	940.2	937.4	926.1	914.7	896.5	878.3	865.4	852.5	846.6	840.7
969.1	17.5°	977.8	986.5	977.4	968.2	944.1	919.9	901.0	882.0	873.2	864.5
973.5	20°	991.8	1010.1	1005.8	1001.6	974.0	946.4	923.1	899.9	888.7	877.5
948.6	22.5°	972.4	996.1	998.7	1001.2	974.8	948.5	924.5	900.5	888.7	876.9
903.8	25°	927.2	950.6	959.4	968.1	946.4	924.8	903.5	882.3	872.0	861.8
853.4	27.5°	872.2	890.9	900.7	910.4	895.0	879.6	863.1	846.6	839.7	832.8
802.8	30°	818.3	833.9	841.8	849.8	838.0	826.3	814.5	802.6	799.0	795.5
751.4	32.5°	766.3	781.3	790.1	798.9	788.1	777.3	767.9	758.4	756.1	753.8
701.5	35°	716.3	731.1	741.6	752.2	744.5	736.8	728.1	719.4	715.9	712.4
653.9	37.5°	668.6	683.3	696.4	709.4	705.9	702.3	694.3	686.3	679.9	673.6
609.3	40°	623.5	637.8	652.8	667.8	668.7	669.5	662.7	655.8	646.6	637.4
568.4	42.5°	581.9	595.5	611.7	627.9	632.2	636.5	630.8	625.0	613.5	602.0
533.4	45°	546.2	559.0	575.8	592.6	598.8	605.1	599.9	594.7	581.6	568.4
505.4	47.5°	518.0	530.5	547.0	563.6	570.8	577.9	574.3	570.7	559.0	547.3
485.1	50°	496.9	508.7	523.5	538.4	547.6	556.8	556.5	556.4	547.0	537.7
471.7	52.5°	482.5	493.4	507.2	521.0	531.9	542.8	544.8	546.7	539.1	531.5
461.6	55°	473.3	485.0	497.1	509.2	520.7	532.3	535.0	537.7	531.1	524.4
448.0	57.5°	461.7	475.4	487.4	499.4	511.0	522.6	525.4	528.1	521.4	514.7
429.6	60°	445.3	461.1	473.2	485.4	497.1	508.8	511.8	514.8	508.3	501.8
403.7	62.5°	422.0	440.4	453.4	466.4	477.1	487.8	490.7	493.6	487.7	481.8
376.0	65°	395.7	415.4	427.8	440.2	449.7	459.1	462.0	465.0	459.3	453.6
350.4	67.5°	368.5	386.7	398.5	410.3	418.4	426.6	429.5	432.3	427.1	421.9
324.8	70°	340.8	356.8	367.0	377.1	384.5	391.8	394.6	397.4	393.1	388.9
294.4	72.5°	307.0	319.6	328.8	337.9	345.1	352.3	355.7	359.0	355.4	351.9
257.8	75°	267.1	276.5	284.8	293.1	299.7	306.2	309.7	313.2	311.4	309.7
219.0	77.5°	226.6	234.2	241.3	248.5	255.4	262.2	265.5	268.7	266.3	263.8
174.8	80°	181.1	187.4	193.5	199.5	204.7	209.9	214.2	218.5	217.5	216.4
131.5	82.5°	131.0	130.4	128.3	126.2	137.4	148.5	155.8	163.1	162.7	162.2
81.8	85°	79.0	76.3	70.5	64.6	75.0	85.5	94.6	103.6	102.9	102.1
38.0	87.5°	37.9	37.8	33.3	28.8	33.2	37.6	41.3	44.9	44.0	43.0
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
897.2	2.5°	894.6	891.4	894.6	897.2	899.8	902.5	905.3	908.9	912.5	916.9
840.6	5°	837.9	835.3	837.9	840.6	843.2	846.7	850.3	855.2	860.1	867.2
806.7	7.5°	804.3	802.5	804.3	806.7	809.1	813.1	817.1	823.0	828.9	837.2
797.4	10°	795.4	794.6	795.4	797.4	799.5	803.3	807.1	813.7	820.3	830.3
811.7	12.5°	809.9	809.6	809.9	811.7	813.4	817.6	821.9	830.4	838.8	851.6
838.5	15°	836.2	836.0	836.2	838.5	840.7	846.6	852.5	865.4	878.3	896.5
861.6	17.5°	858.7	858.2	858.7	861.6	864.5	873.2	882.0	901.0	919.9	944.1
873.9	20°	870.3	869.2	870.3	873.9	877.5	888.7	899.9	923.1	946.4	974.0
872.9	22.5°	869.0	867.3	869.0	872.9	876.9	888.7	900.5	924.5	948.5	974.8
858.1	25°	854.4	852.2	854.4	858.1	861.8	872.0	882.3	903.5	924.8	946.4
831.1	27.5°	829.4	828.9	829.4	831.1	832.8	839.7	846.6	863.1	879.6	895.0
795.5	30°	795.5	796.1	795.5	795.5	795.5	799.0	802.6	814.5	826.3	838.0
754.1	32.5°	754.4	755.0	754.4	754.1	753.8	756.1	758.4	767.9	777.3	788.1
711.7	35°	710.9	710.6	710.9	711.7	712.4	715.9	719.4	728.1	736.8	744.5
670.2	37.5°	666.8	665.0	666.8	670.2	673.6	679.9	686.3	694.3	702.3	705.9
631.1	40°	625.0	621.3	625.0	631.1	637.4	646.6	655.8	662.7	669.5	668.7
593.0	42.5°	583.9	577.9	583.9	593.0	602.0	613.5	625.0	630.8	636.5	632.2
557.8	45°	547.1	540.3	547.1	557.8	568.4	581.6	594.7	599.9	605.1	598.8
537.5	47.5°	527.6	521.0	527.6	537.5	547.3	559.0	570.7	574.3	577.9	570.8
528.6	50°	519.5	513.1	519.5	528.6	537.7	547.0	556.4	556.5	556.8	547.6
523.3	52.5°	515.2	509.4	515.2	523.3	531.5	539.1	546.7	544.8	542.8	531.9
517.3	55°	510.1	504.8	510.1	517.3	524.4	531.1	537.7	535.0	532.3	520.7
507.6	57.5°	500.5	495.1	500.5	507.6	514.7	521.4	528.1	525.4	522.6	511.0
494.4	60°	487.1	481.5	487.1	494.4	501.8	508.3	514.8	511.8	508.8	497.1
474.1	62.5°	466.4	459.6	466.4	474.1	481.8	487.7	493.6	490.7	487.8	477.1
446.1	65°	438.7	432.9	438.7	446.1	453.6	459.3	465.0	462.0	459.1	449.7
415.0	67.5°	408.0	402.7	408.0	415.0	421.9	427.1	432.3	429.5	426.6	418.4
382.3	70°	375.6	369.6	375.6	382.3	388.9	393.1	397.4	394.6	391.8	384.5
345.6	72.5°	339.3	333.4	339.3	345.6	351.9	355.4	359.0	355.7	352.3	345.1
304.4	75°	299.1	293.5	299.1	304.4	309.7	311.4	313.2	309.7	306.2	299.7
258.5	77.5°	253.1	248.7	253.1	258.5	263.8	266.3	268.7	265.5	262.2	255.4
209.2	80°	202.0	193.6	202.0	209.2	216.4	217.5	218.5	214.2	209.9	204.7
156.1	82.5°	150.0	144.7	150.0	156.1	162.2	162.7	163.1	155.8	148.5	137.4
97.4	85°	92.6	87.8	92.6	97.4	102.1	102.9	103.6	94.6	85.5	75.0
40.6	87.5°	38.1	35.8	38.1	40.6	43.0	44.0	44.9	41.3	37.6	33.2
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8	981.8
921.3	2.5°	927.0	932.8	938.4	944.1	950.6	957.1	964.3	971.6	980.5	988.5
874.2	5°	883.4	892.6	902.7	912.8	924.2	935.7	949.3	963.0	978.6	994.4
845.6	7.5°	856.8	868.0	880.8	893.5	908.5	923.6	941.7	959.9	980.1	1001.7
840.3	10°	853.0	865.6	879.3	893.0	908.0	923.1	942.3	961.4	983.1	1009.8
864.5	12.5°	877.5	890.6	901.3	912.0	922.0	932.0	947.6	963.3	983.5	1011.5
914.7	15°	926.1	937.4	940.2	943.0	941.6	940.3	947.8	955.3	971.5	1002.5
968.2	17.5°	977.4	986.5	977.8	969.1	952.7	936.2	933.5	930.8	940.7	977.2
1001.6	20°	1005.8	1010.1	991.8	973.5	945.0	916.4	903.6	890.8	893.5	935.9
1001.2	22.5°	998.7	996.1	972.4	948.6	916.0	883.4	864.5	845.5	840.3	888.7
968.1	25°	959.4	950.6	927.2	903.8	874.5	845.2	823.4	801.5	787.6	837.1
910.4	27.5°	900.7	890.9	872.2	853.4	829.4	805.3	784.2	763.1	746.2	791.3
849.8	30°	841.8	833.9	818.3	802.8	782.8	762.8	746.0	729.3	716.0	753.9
798.9	32.5°	790.1	781.3	766.3	751.4	735.5	719.5	709.6	699.7	693.8	724.3
752.2	35°	741.6	731.1	716.3	701.5	689.4	677.2	674.5	671.7	674.2	699.6
709.4	37.5°	696.4	683.3	668.6	653.9	645.1	636.4	639.4	642.4	651.4	673.6
667.8	40°	652.8	637.8	623.5	609.3	603.0	596.7	603.5	610.3	624.1	644.2
627.9	42.5°	611.7	595.5	581.9	568.4	563.3	558.2	567.2	576.2	593.6	612.1
592.6	45°	575.8	559.0	546.2	533.4	529.0	524.7	533.5	542.3	559.1	577.9
563.6	47.5°	547.0	530.5	518.0	505.4	501.4	497.3	504.7	512.1	526.5	550.8
538.4	50°	523.5	508.7	496.9	485.1	478.7	472.4	478.9	485.4	502.2	534.2
521.0	52.5°	507.2	493.4	482.5	471.7	462.2	452.7	459.1	465.6	489.0	525.8
509.2	55°	497.1	485.0	473.3	461.6	448.1	434.6	444.8	455.0	490.3	524.5
499.4	57.5°	487.4	475.4	461.7	448.0	433.4	418.9	433.8	448.7	491.7	521.8
485.4	60°	473.2	461.1	445.3	429.6	416.8	404.1	423.4	442.8	487.5	507.4
466.4	62.5°	453.4	440.4	422.0	403.7	395.6	387.5	411.6	435.8	477.3	479.8
440.2	65°	427.8	415.4	395.7	376.0	372.9	369.8	395.5	421.2	452.9	452.6
410.3	67.5°	398.5	386.7	368.5	350.4	351.4	352.3	373.7	395.1	412.9	413.7
377.1	70°	367.0	356.8	340.8	324.8	328.2	331.6	346.8	362.1	367.9	367.9
337.9	72.5°	328.8	319.6	307.0	294.4	299.4	304.3	314.8	325.2	325.1	321.4
293.1	75°	284.8	276.5	267.1	257.8	262.6	267.3	275.4	283.4	284.8	267.8
248.5	77.5°	241.3	234.2	226.6	219.0	223.8	228.6	235.1	241.5	242.3	214.2
199.5	80°	193.5	187.4	181.1	174.8	178.9	182.9	188.3	193.7	193.8	160.3
126.2	82.5°	128.3	130.4	131.0	131.5	134.3	137.2	139.8	142.5	140.9	112.3
64.6	85°	70.5	76.3	79.0	81.8	85.0	88.2	91.0	93.8	91.7	70.5
28.8	87.5°	33.3	37.8	37.9	38.0	38.6	39.2	40.3	41.4	38.8	30.0
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°
981.8	0°	981.8	981.8	981.8	981.8	981.8	981.8	981.8
996.8	2.5°	1005.1	1013.8	1022.4	1031.0	1039.6	1047.7	1055.8
1011.2	5°	1028.0	1045.9	1063.9	1081.7	1099.5	1117.4	1135.3
1025.1	7.5°	1048.5	1075.1	1101.6	1128.9	1156.2	1185.7	1215.2
1037.5	10°	1065.1	1097.4	1129.7	1165.7	1201.8	1239.1	1276.4
1042.8	12.5°	1074.1	1112.2	1150.2	1191.1	1231.9	1272.9	1313.9
1038.7	15°	1074.9	1118.8	1162.6	1206.9	1251.2	1293.9	1336.7
1020.8	17.5°	1064.4	1115.3	1166.1	1214.5	1262.8	1306.2	1349.5
989.9	20°	1044.0	1105.6	1167.2	1220.4	1273.5	1318.6	1363.6
953.7	22.5°	1018.8	1093.8	1168.8	1228.4	1287.9	1334.0	1380.0
913.3	25°	989.5	1082.1	1174.7	1242.8	1310.9	1356.0	1401.1
876.4	27.5°	961.5	1074.3	1187.1	1265.4	1343.7	1386.7	1429.8
845.5	30°	937.1	1070.6	1204.2	1294.7	1385.2	1426.8	1468.4
818.8	32.5°	913.3	1066.1	1218.9	1325.3	1431.7	1472.8	1514.0
792.6	35°	885.7	1057.6	1229.6	1360.1	1490.5	1529.9	1569.4
761.8	37.5°	850.0	1043.0	1236.0	1399.1	1562.1	1612.3	1662.6
725.1	40°	805.9	1023.0	1240.1	1448.6	1657.0	1730.3	1803.5
684.5	42.5°	756.8	1002.2	1247.7	1513.3	1778.9	1884.7	1990.4
641.4	45°	704.8	983.0	1261.2	1598.6	1935.9	2078.5	2221.1
607.3	47.5°	663.8	967.1	1270.4	1689.3	2108.3	2309.0	2509.7
584.6	50°	635.1	949.8	1264.4	1773.6	2282.8	2585.4	2888.0
569.7	52.5°	613.7	920.5	1227.3	1828.3	2429.3	2875.7	3322.2
558.9	55°	593.3	872.0	1150.6	1816.2	2481.8	3133.1	3784.5
546.1	57.5°	570.4	803.5	1036.6	1731.4	2426.2	3315.6	4204.9
526.5	60°	545.6	714.7	883.8	1573.5	2263.2	3361.1	4459.0
492.5	62.5°	505.1	608.4	711.6	1360.0	2008.4	3169.2	4330.0
458.5	65°	464.5	512.7	560.9	1142.2	1723.4	2897.6	4071.7
410.4	67.5°	407.1	420.8	434.5	928.8	1423.1	2574.4	3725.7
352.4	70°	336.9	333.0	329.1	731.3	1133.5	2221.7	3309.9
299.5	72.5°	277.5	265.6	253.9	559.1	864.3	1839.4	2814.5
243.2	75°	218.5	207.8	197.1	405.8	614.4	1401.1	2187.8
190.3	77.5°	166.3	159.0	151.8	275.0	398.1	980.6	1563.1
140.1	80°	119.8	116.8	113.8	177.1	240.6	631.8	1023.1
97.4	82.5°	82.4	81.8	81.3	109.0	136.7	365.7	594.7
59.5	85°	48.6	48.9	49.2	58.2	67.4	164.5	261.7
25.5	87.5°	21.0	21.3	21.6	24.1	26.7	53.9	81.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)