

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: P946247

Luminaire Tested: **GALN-SB1D-950-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946247
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-SB1D-950-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 5000K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7056 lumens
Efficiency: N/A
Efficacy: 88.6 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

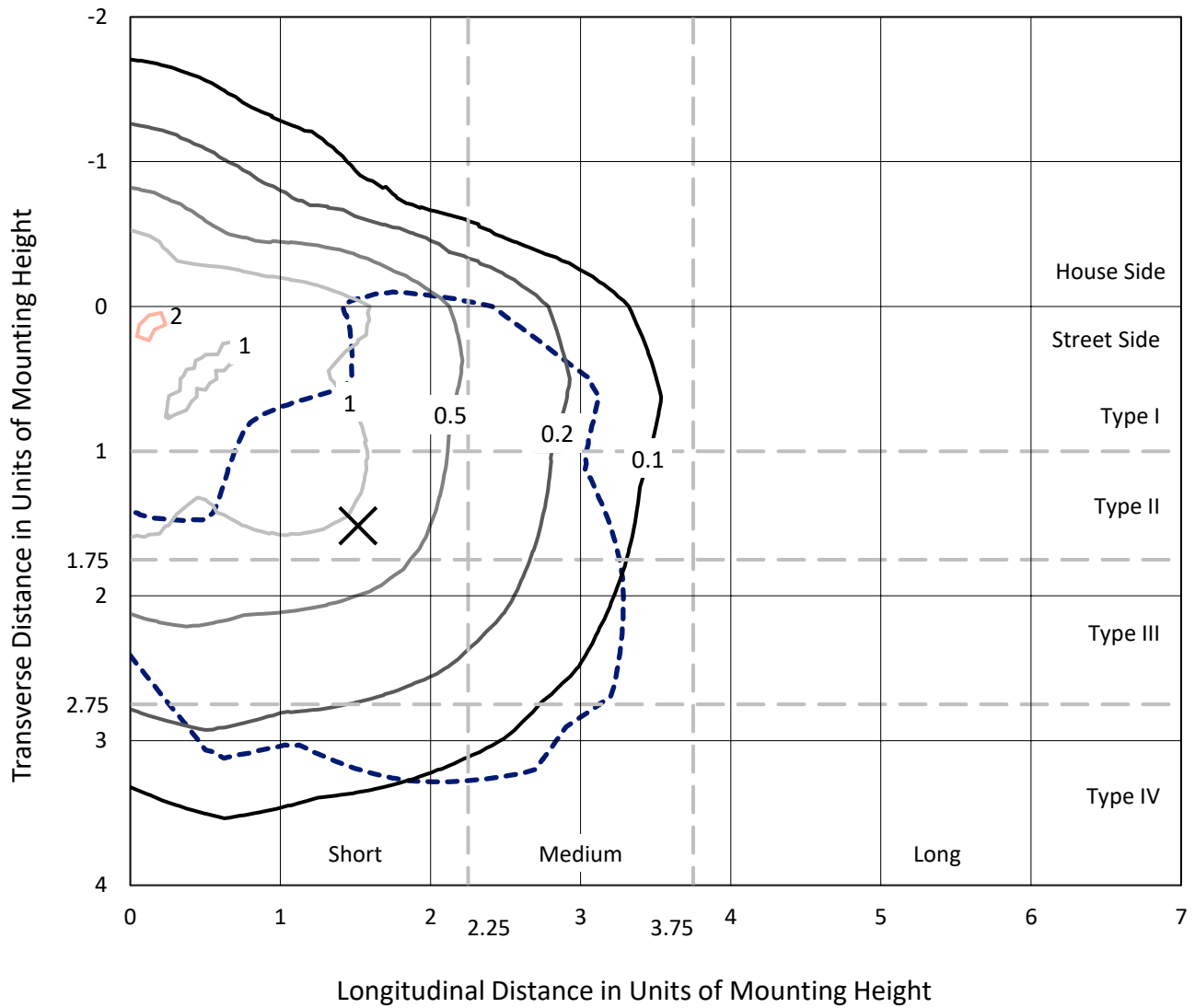
Input Watts (W): 79.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

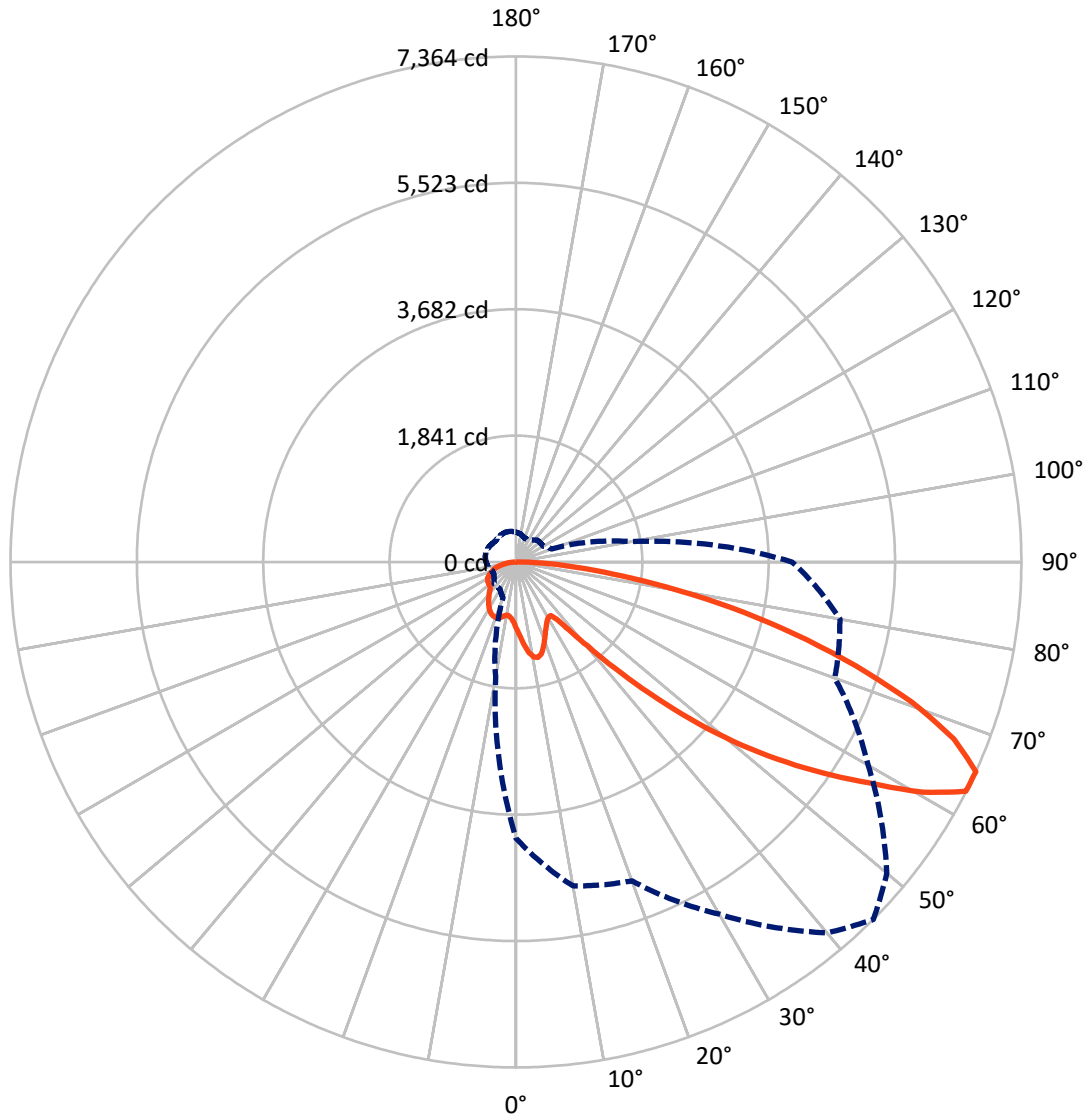
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 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	1793.3	0.0	1793.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5262.7	0.0	5262.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	7056.0	0.0	7056.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.2	1.4
10°-20°	302.1	4.3
20°-30°	466.7	6.6
30°-40°	591.4	8.4
40°-50°	892.0	12.6
50°-60°	1441.2	20.4
60°-70°	1796.7	25.5
70°-80°	1178.2	16.7
80°-90°	291.3	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°	7056.0	100.0
0°-180°	7056.0	100.0

Coefficient of Utilization



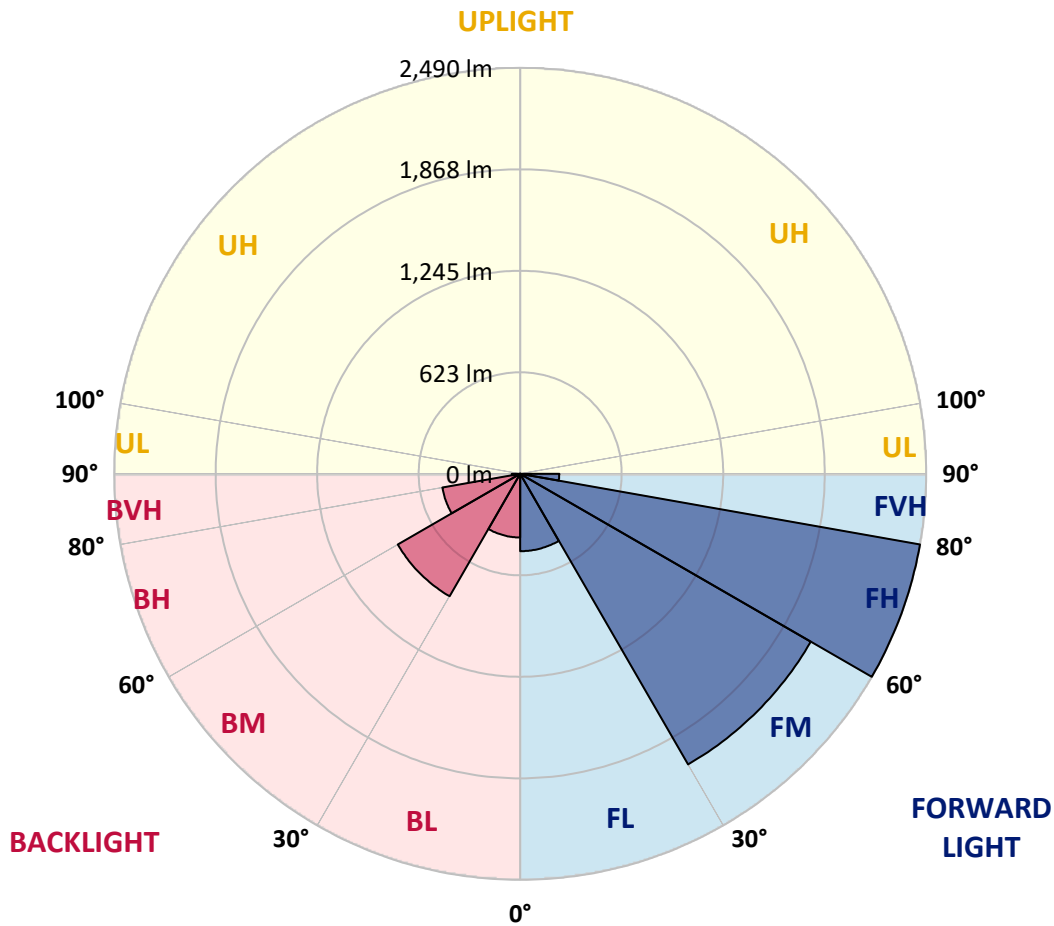
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	474.6	6.7			
FM (30°-60°)	2058.1	29.2			
FH (60°-80°)	2490.1	35.3			G2/5000
FVH (80°-90°)	240.0	3.4			G3/500
BL (0°-30°)	390.5	5.5	B1/500		
BM (30°-60°)	866.6	12.3	B1/1000		
BH (60°-80°)	484.8	6.9	B1/500		G1/500
BVH (80°-90°)	51.3	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°	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3
2.5°	1043.4	1047.4	1051.4	1057.0	1062.6	1065.9	1069.3	1071.0	1072.6	1071.9
5°	1122.0	1135.8	1149.6	1163.3	1177.1	1184.5	1192.0	1196.5	1201.0	1204.4
7.5°	1200.9	1223.4	1245.9	1266.1	1286.3	1298.5	1310.6	1317.2	1323.8	1326.9
10°	1261.4	1288.0	1314.6	1338.3	1362.0	1376.4	1390.7	1397.1	1403.5	1405.9
12.5°	1298.5	1327.3	1356.1	1377.5	1398.9	1409.3	1419.7	1423.2	1426.7	1427.1
15°	1321.0	1345.9	1370.7	1384.1	1397.6	1398.0	1398.4	1394.6	1390.9	1386.5
17.5°	1333.6	1350.4	1367.2	1367.5	1367.7	1352.6	1337.6	1323.7	1309.9	1300.1
20°	1347.6	1353.5	1359.3	1341.6	1324.0	1290.7	1257.4	1233.2	1208.9	1194.0
22.5°	1363.8	1356.1	1348.5	1311.8	1275.2	1226.2	1177.3	1147.0	1116.7	1100.2
25°	1384.7	1360.5	1336.2	1280.6	1225.0	1165.5	1106.1	1074.2	1042.4	1026.9
27.5°	1412.9	1369.7	1326.4	1252.7	1179.1	1113.2	1047.3	1015.9	984.6	969.9
30°	1451.1	1386.6	1322.1	1231.4	1140.7	1072.1	1003.4	974.3	945.2	931.5
32.5°	1496.2	1407.8	1319.5	1216.9	1114.3	1049.8	985.2	962.4	939.5	929.7
35°	1550.9	1442.8	1334.7	1227.8	1120.9	1076.0	1031.2	1025.9	1020.6	1019.8
37.5°	1643.0	1515.9	1388.7	1291.5	1194.3	1191.4	1188.5	1212.9	1237.2	1249.9
40°	1782.3	1644.0	1505.7	1433.4	1361.1	1412.1	1463.1	1522.3	1581.5	1611.0
42.5°	1967.0	1829.7	1692.5	1650.9	1609.2	1720.5	1831.7	1939.4	2047.1	2110.3
45°	2195.0	2071.7	1948.4	1930.1	1911.7	2089.9	2268.2	2445.1	2622.0	2729.5
47.5°	2480.2	2360.3	2240.3	2236.6	2232.9	2490.0	2747.0	3006.1	3265.0	3417.1
50°	2854.0	2705.9	2557.8	2558.4	2559.0	2890.4	3221.7	3563.6	3905.5	4112.3
52.5°	3283.1	3103.7	2924.4	2906.2	2888.1	3283.9	3679.7	4102.7	4525.7	4773.5
55°	3739.9	3562.7	3385.5	3314.8	3244.1	3684.6	4125.1	4629.4	5133.7	5428.4
57.5°	4155.4	4058.9	3962.4	3820.6	3678.8	4123.6	4568.4	5139.6	5710.8	6076.2
60°	4406.6	4556.5	4706.4	4530.3	4354.2	4775.1	5196.1	5807.6	6419.2	6814.2
62.5°	4279.1	4688.6	5098.2	5078.4	5058.5	5444.1	5829.8	6411.6	6993.4	7358.5
65°	4023.8	4408.2	4792.7	4868.7	4944.8	5434.8	5924.9	6489.1	7053.3	7364.1
67.5°	3681.9	4047.5	4413.1	4448.8	4484.4	4995.0	5505.5	6072.2	6638.8	6882.3
70°	3271.0	3668.7	4066.4	4082.3	4098.3	4554.9	5011.5	5499.1	5986.7	6122.0
72.5°	2781.4	3237.8	3694.1	3705.6	3717.0	4074.3	4431.5	4796.7	5161.9	5175.6
75°	2162.1	2634.4	3106.7	3149.1	3191.5	3469.4	3747.4	4004.5	4261.6	4192.7
77.5°	1544.7	1985.6	2426.6	2487.3	2548.0	2759.2	2970.5	3152.9	3335.2	3216.8
80°	1011.0	1382.0	1752.9	1828.3	1903.7	2063.3	2222.8	2318.6	2414.3	2223.9
82.5°	587.7	841.3	1094.9	1179.2	1263.5	1373.3	1483.1	1523.1	1563.0	1413.3
85°	258.6	393.2	527.8	599.4	671.1	761.4	851.6	874.2	896.9	777.0
87.5°	80.0	125.3	170.5	210.5	250.5	295.6	340.7	342.7	344.6	289.3
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°
970.3	0°	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3
1072.6	2.5°	1071.0	1069.3	1065.9	1062.6	1057.0	1051.4	1047.4	1043.4	1035.4	1027.4
1201.0	5°	1196.5	1192.0	1184.5	1177.1	1163.3	1149.6	1135.8	1122.0	1104.3	1086.6
1323.8	7.5°	1317.2	1310.6	1298.5	1286.3	1266.1	1245.9	1223.4	1200.9	1171.7	1142.6
1403.5	10°	1397.1	1390.7	1376.4	1362.0	1338.3	1314.6	1288.0	1261.4	1224.5	1187.6
1426.7	12.5°	1423.2	1419.7	1409.3	1398.9	1377.5	1356.1	1327.3	1298.5	1257.9	1217.4
1390.9	15°	1394.6	1398.4	1398.0	1397.6	1384.1	1370.7	1345.9	1321.0	1278.7	1236.5
1309.9	17.5°	1323.7	1337.6	1352.6	1367.7	1367.5	1367.2	1350.4	1333.6	1290.8	1247.9
1208.9	20°	1233.2	1257.4	1290.7	1324.0	1341.6	1359.3	1353.5	1347.6	1303.1	1258.5
1116.7	22.5°	1147.0	1177.3	1226.2	1275.2	1311.8	1348.5	1356.1	1363.8	1318.3	1272.8
1042.4	25°	1074.2	1106.1	1165.5	1225.0	1280.6	1336.2	1360.5	1384.7	1340.0	1295.5
984.6	27.5°	1015.9	1047.3	1113.2	1179.1	1252.7	1326.4	1369.7	1412.9	1370.4	1327.9
945.2	30°	974.3	1003.4	1072.1	1140.7	1231.4	1322.1	1386.6	1451.1	1410.0	1368.9
939.5	32.5°	962.4	985.2	1049.8	1114.3	1216.9	1319.5	1407.8	1496.2	1455.5	1414.8
1020.6	35°	1025.9	1031.2	1076.0	1120.9	1227.8	1334.7	1442.8	1550.9	1511.9	1473.0
1237.2	37.5°	1212.9	1188.5	1191.4	1194.3	1291.5	1388.7	1515.9	1643.0	1593.4	1543.7
1581.5	40°	1522.3	1463.1	1412.1	1361.1	1433.4	1505.7	1644.0	1782.3	1709.9	1637.5
2047.1	42.5°	1939.4	1831.7	1720.5	1609.2	1650.9	1692.5	1829.7	1967.0	1862.5	1758.0
2622.0	45°	2445.1	2268.2	2089.9	1911.7	1930.1	1948.4	2071.7	2195.0	2054.1	1913.2
3265.0	47.5°	3006.1	2747.0	2490.0	2232.9	2236.6	2240.3	2360.3	2480.2	2281.9	2083.5
3905.5	50°	3563.6	3221.7	2890.4	2559.0	2558.4	2557.8	2705.9	2854.0	2555.0	2255.9
4525.7	52.5°	4102.7	3679.7	3283.9	2888.1	2906.2	2924.4	3103.7	3283.1	2841.9	2400.7
5133.7	55°	4629.4	4125.1	3684.6	3244.1	3314.8	3385.5	3562.7	3739.9	3096.3	2452.6
5710.8	57.5°	5139.6	4568.4	4123.6	3678.8	3820.6	3962.4	4058.9	4155.4	3276.5	2397.7
6419.2	60°	5807.6	5196.1	4775.1	4354.2	4530.3	4706.4	4556.5	4406.6	3321.6	2236.6
6993.4	62.5°	6411.6	5829.8	5444.1	5058.5	5078.4	5098.2	4688.6	4279.1	3131.9	1984.8
7053.3	65°	6489.1	5924.9	5434.8	4944.8	4868.7	4792.7	4408.2	4023.8	2863.5	1703.2
6638.8	67.5°	6072.2	5505.5	4995.0	4484.4	4448.8	4413.1	4047.5	3681.9	2544.1	1406.3
5986.7	70°	5499.1	5011.5	4554.9	4098.3	4082.3	4066.4	3668.7	3271.0	2195.6	1120.1
5161.9	72.5°	4796.7	4431.5	4074.3	3717.0	3705.6	3694.1	3237.8	2781.4	1817.7	854.1
4261.6	75°	4004.5	3747.4	3469.4	3191.5	3149.1	3106.7	2634.4	2162.1	1384.6	607.2
3335.2	77.5°	3152.9	2970.5	2759.2	2548.0	2487.3	2426.6	1985.6	1544.7	969.1	393.5
2414.3	80°	2318.6	2222.8	2063.3	1903.7	1828.3	1752.9	1382.0	1011.0	624.4	237.7
1563.0	82.5°	1523.1	1483.1	1373.3	1263.5	1179.2	1094.9	841.3	587.7	361.4	135.1
896.9	85°	874.2	851.6	761.4	671.1	599.4	527.8	393.2	258.6	162.6	66.6
344.6	87.5°	342.7	340.7	295.6	250.5	210.5	170.5	125.3	80.0	53.2	26.4
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
970.3	0°	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3
1018.9	2.5°	1010.4	1001.8	993.3	985.1	976.9	969.0	960.1	953.0	945.9	939.4
1069.0	5°	1051.4	1033.6	1015.9	999.3	982.7	967.1	951.6	938.2	924.7	913.3
1115.6	7.5°	1088.7	1062.4	1036.2	1013.0	989.9	968.6	948.6	930.6	912.7	897.8
1152.0	10°	1116.4	1084.5	1052.6	1025.3	997.9	971.6	950.1	931.2	912.3	897.4
1177.0	12.5°	1136.7	1099.1	1061.5	1030.5	999.6	971.9	951.9	936.5	921.0	911.1
1192.7	15°	1148.9	1105.6	1062.3	1026.5	990.7	960.0	944.0	936.6	929.2	930.6
1200.2	17.5°	1152.4	1102.1	1051.9	1008.8	965.7	929.7	919.8	922.5	925.2	941.4
1206.0	20°	1153.5	1092.6	1031.7	978.3	924.9	883.0	880.3	893.0	905.7	933.8
1213.9	22.5°	1155.0	1080.9	1006.8	942.5	878.2	830.5	835.6	854.3	873.0	905.2
1228.2	25°	1160.9	1069.4	977.9	902.6	827.3	778.3	792.1	813.7	835.3	864.2
1250.5	27.5°	1173.2	1061.7	950.2	866.0	781.9	737.4	754.1	775.0	795.8	819.6
1279.5	30°	1190.0	1058.1	926.0	835.5	745.0	707.6	720.7	737.3	753.9	773.6
1309.7	32.5°	1204.5	1053.6	902.6	809.2	715.8	685.6	691.5	701.3	711.1	726.8
1344.1	35°	1215.2	1045.2	875.2	783.3	691.4	666.3	663.8	666.5	669.2	681.3
1382.6	37.5°	1221.5	1030.8	840.0	752.9	665.7	643.7	634.9	631.9	628.9	637.6
1431.5	40°	1225.5	1010.9	796.4	716.5	636.7	616.7	603.2	596.4	589.7	595.9
1495.5	42.5°	1233.0	990.4	747.9	676.4	604.9	586.6	569.5	560.5	551.6	556.7
1579.7	45°	1246.3	971.4	696.5	633.8	571.1	552.5	536.0	527.2	518.6	522.8
1669.5	47.5°	1255.5	955.7	655.9	600.1	544.3	520.3	506.1	498.8	491.5	495.5
1752.7	50°	1249.5	938.6	627.7	577.8	527.9	496.3	479.7	473.3	466.8	473.1
1806.8	52.5°	1212.8	909.6	606.5	563.0	519.6	483.3	460.1	453.7	447.3	456.8
1794.9	55°	1137.1	861.7	586.3	552.3	518.3	484.6	449.7	439.6	429.5	442.8
1711.0	57.5°	1024.4	794.1	563.7	539.7	515.7	485.9	443.4	428.7	413.9	428.3
1555.0	60°	873.4	706.3	539.2	520.3	501.4	481.8	437.5	418.4	399.3	411.9
1344.0	62.5°	703.2	601.2	499.2	486.7	474.1	471.7	430.7	406.8	382.9	390.9
1128.7	65°	554.3	506.7	459.1	453.1	447.2	447.5	416.3	390.9	365.4	368.5
917.8	67.5°	429.4	415.8	402.3	405.6	408.9	408.1	390.5	369.3	348.2	347.2
722.7	70°	325.2	329.1	332.9	348.3	363.6	363.6	357.8	342.8	327.7	324.4
552.5	72.5°	250.9	262.5	274.2	296.0	317.7	321.3	321.4	311.1	300.8	295.8
401.0	75°	194.8	205.4	215.9	240.3	264.6	281.5	280.1	272.1	264.2	259.5
271.7	77.5°	150.0	157.2	164.4	188.0	211.7	239.4	238.7	232.3	225.9	221.2
175.1	80°	112.4	115.4	118.4	138.4	158.4	191.6	191.4	186.1	180.8	176.8
107.7	82.5°	80.3	80.9	81.5	96.2	111.0	139.2	140.8	138.2	135.6	132.8
57.6	85°	48.6	48.3	48.0	58.8	69.6	90.7	92.7	89.9	87.1	84.0
23.9	87.5°	21.3	21.0	20.8	25.2	29.6	38.3	41.0	39.8	38.7	38.1
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°
970.3	0°	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3
933.0	2.5°	927.4	921.8	916.1	910.5	906.1	901.8	898.2	894.7	891.9	889.2
902.1	5°	892.1	882.1	873.0	864.0	857.0	850.0	845.1	840.2	836.8	833.3
883.0	7.5°	870.4	857.8	846.7	835.7	827.4	819.1	813.3	807.5	803.5	799.6
882.5	10°	869.0	855.4	842.9	830.5	820.6	810.6	804.1	797.6	793.8	790.1
901.3	12.5°	890.7	880.1	867.2	854.3	841.6	829.0	820.6	812.2	808.0	803.8
931.9	15°	929.2	926.4	915.2	904.0	886.0	867.9	855.2	842.5	836.6	830.8
957.7	17.5°	966.3	974.9	965.9	956.9	933.0	909.1	890.4	871.6	863.0	854.3
962.1	20°	980.1	998.2	994.0	989.8	962.5	935.3	912.3	889.3	878.2	867.1
937.4	22.5°	960.9	984.4	986.9	989.4	963.4	937.3	913.6	889.9	878.3	866.6
893.2	25°	916.3	939.4	948.1	956.7	935.3	914.0	892.9	871.9	861.8	851.7
843.4	27.5°	861.9	880.5	890.1	899.7	884.5	869.3	852.9	836.6	829.8	823.0
793.3	30°	808.7	824.1	831.9	839.8	828.2	816.6	804.9	793.1	789.6	786.1
742.6	32.5°	757.3	772.1	780.8	789.5	778.9	768.2	758.8	749.5	747.2	744.9
693.3	35°	707.9	722.5	732.9	743.3	735.7	728.2	719.5	710.9	707.5	704.1
646.2	37.5°	660.7	675.3	688.2	701.1	697.6	694.1	686.1	678.2	671.9	665.6
602.1	40°	616.2	630.3	645.1	659.9	660.8	661.6	654.9	648.1	639.0	629.9
561.8	42.5°	575.1	588.4	604.5	620.5	624.7	629.0	623.3	617.7	606.3	595.0
527.1	45°	539.8	552.4	569.1	585.7	591.8	597.9	592.8	587.7	574.7	561.8
499.5	47.5°	511.9	524.2	540.6	557.0	564.1	571.1	567.6	564.0	552.4	540.9
479.4	50°	491.1	502.7	517.4	532.0	541.1	550.2	550.0	549.8	540.6	531.4
466.1	52.5°	476.9	487.6	501.2	514.9	525.7	536.4	538.4	540.3	532.8	525.3
456.2	55°	467.7	479.2	491.2	503.2	514.6	526.0	528.7	531.4	524.8	518.3
442.7	57.5°	456.2	469.8	481.6	493.5	505.0	516.5	519.2	521.9	515.3	508.7
424.5	60°	440.1	455.6	467.7	479.7	491.3	502.8	505.8	508.8	502.3	495.9
398.9	62.5°	417.1	435.2	448.1	460.9	471.5	482.1	484.9	487.8	482.0	476.1
371.6	65°	391.0	410.5	422.8	435.1	444.4	453.7	456.6	459.5	453.9	448.3
346.3	67.5°	364.2	382.2	393.8	405.5	413.5	421.5	424.4	427.2	422.1	416.9
321.0	70°	336.8	352.6	362.6	372.7	380.0	387.2	390.0	392.7	388.5	384.3
291.0	72.5°	303.4	315.8	324.9	334.0	341.1	348.2	351.5	354.7	351.2	347.7
254.7	75°	264.0	273.2	281.4	289.7	296.1	302.6	306.0	309.5	307.8	306.0
216.4	77.5°	223.9	231.4	238.5	245.5	252.4	259.1	262.3	265.5	263.2	260.7
172.8	80°	179.0	185.2	191.2	197.1	202.3	207.5	211.7	215.9	214.9	213.9
129.9	82.5°	129.4	128.9	126.8	124.7	135.7	146.8	154.0	161.2	160.8	160.3
80.8	85°	78.1	75.4	69.6	63.9	74.2	84.5	93.5	102.4	101.6	100.9
37.5	87.5°	37.4	37.3	32.9	28.5	32.8	37.2	40.8	44.4	43.5	42.5
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°
970.3	0°	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3
886.6	2.5°	884.1	880.9	884.1	886.6	889.2	891.9	894.7	898.2	901.8	906.1
830.7	5°	828.0	825.4	828.0	830.7	833.3	836.8	840.2	845.1	850.0	857.0
797.2	7.5°	794.8	793.0	794.8	797.2	799.6	803.5	807.5	813.3	819.1	827.4
788.0	10°	786.0	785.2	786.0	788.0	790.1	793.8	797.6	804.1	810.6	820.6
802.1	12.5°	800.4	800.1	800.4	802.1	803.8	808.0	812.2	820.6	829.0	841.6
828.6	15°	826.4	826.2	826.4	828.6	830.8	836.6	842.5	855.2	867.9	886.0
851.5	17.5°	848.6	848.1	848.6	851.5	854.3	863.0	871.6	890.4	909.1	933.0
863.6	20°	860.1	858.9	860.1	863.6	867.1	878.2	889.3	912.3	935.3	962.5
862.7	22.5°	858.8	857.1	858.8	862.7	866.6	878.3	889.9	913.6	937.3	963.4
848.0	25°	844.3	842.2	844.3	848.0	851.7	861.8	871.9	892.9	914.0	935.3
821.3	27.5°	819.7	819.1	819.7	821.3	823.0	829.8	836.6	852.9	869.3	884.5
786.1	30°	786.1	786.7	786.1	786.1	786.1	789.6	793.1	804.9	816.6	828.2
745.2	32.5°	745.6	746.1	745.6	745.2	744.9	747.2	749.5	758.8	768.2	778.9
703.3	35°	702.6	702.2	702.6	703.3	704.1	707.5	710.9	719.5	728.2	735.7
662.3	37.5°	659.0	657.1	659.0	662.3	665.6	671.9	678.2	686.1	694.1	697.6
623.7	40°	617.6	614.0	617.6	623.7	629.9	639.0	648.1	654.9	661.6	660.8
586.0	42.5°	577.0	571.1	577.0	586.0	595.0	606.3	617.7	623.3	629.0	624.7
551.2	45°	540.7	533.9	540.7	551.2	561.8	574.7	587.7	592.8	597.9	591.8
531.1	47.5°	521.4	514.9	521.4	531.1	540.9	552.4	564.0	567.6	571.1	564.1
522.4	50°	513.4	507.1	513.4	522.4	531.4	540.6	549.8	550.0	550.2	541.1
517.2	52.5°	509.1	503.4	509.1	517.2	525.3	532.8	540.3	538.4	536.4	525.7
511.2	55°	504.1	498.9	504.1	511.2	518.3	524.8	531.4	528.7	526.0	514.6
501.7	57.5°	494.6	489.2	494.6	501.7	508.7	515.3	521.9	519.2	516.5	505.0
488.6	60°	481.4	475.8	481.4	488.6	495.9	502.3	508.8	505.8	502.8	491.3
468.5	62.5°	460.9	454.2	460.9	468.5	476.1	482.0	487.8	484.9	482.1	471.5
440.9	65°	433.6	427.8	433.6	440.9	448.3	453.9	459.5	456.6	453.7	444.4
410.1	67.5°	403.2	398.0	403.2	410.1	416.9	422.1	427.2	424.4	421.5	413.5
377.8	70°	371.2	365.2	371.2	377.8	384.3	388.5	392.7	390.0	387.2	380.0
341.5	72.5°	335.3	329.5	335.3	341.5	347.7	351.2	354.7	351.5	348.2	341.1
300.8	75°	295.5	290.0	295.5	300.8	306.0	307.8	309.5	306.0	302.6	296.1
255.4	77.5°	250.1	245.7	250.1	255.4	260.7	263.2	265.5	262.3	259.1	252.4
206.8	80°	199.6	191.4	199.6	206.8	213.9	214.9	215.9	211.7	207.5	202.3
154.3	82.5°	148.3	143.0	148.3	154.3	160.3	160.8	161.2	154.0	146.8	135.7
96.2	85°	91.5	86.8	91.5	96.2	100.9	101.6	102.4	93.5	84.5	74.2
40.1	87.5°	37.7	35.4	37.7	40.1	42.5	43.5	44.4	40.8	37.2	32.8
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°
970.3	0°	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3	970.3
910.5	2.5°	916.1	921.8	927.4	933.0	939.4	945.9	953.0	960.1	969.0	976.9
864.0	5°	873.0	882.1	892.1	902.1	913.3	924.7	938.2	951.6	967.1	982.7
835.7	7.5°	846.7	857.8	870.4	883.0	897.8	912.7	930.6	948.6	968.6	989.9
830.5	10°	842.9	855.4	869.0	882.5	897.4	912.3	931.2	950.1	971.6	997.9
854.3	12.5°	867.2	880.1	890.7	901.3	911.1	921.0	936.5	951.9	971.9	999.6
904.0	15°	915.2	926.4	929.2	931.9	930.6	929.2	936.6	944.0	960.0	990.7
956.9	17.5°	965.9	974.9	966.3	957.7	941.4	925.2	922.5	919.8	929.7	965.7
989.8	20°	994.0	998.2	980.1	962.1	933.8	905.7	893.0	880.3	883.0	924.9
989.4	22.5°	986.9	984.4	960.9	937.4	905.2	873.0	854.3	835.6	830.5	878.2
956.7	25°	948.1	939.4	916.3	893.2	864.2	835.3	813.7	792.1	778.3	827.3
899.7	27.5°	890.1	880.5	861.9	843.4	819.6	795.8	775.0	754.1	737.4	781.9
839.8	30°	831.9	824.1	808.7	793.3	773.6	753.9	737.3	720.7	707.6	745.0
789.5	32.5°	780.8	772.1	757.3	742.6	726.8	711.1	701.3	691.5	685.6	715.8
743.3	35°	732.9	722.5	707.9	693.3	681.3	669.2	666.5	663.8	666.3	691.4
701.1	37.5°	688.2	675.3	660.7	646.2	637.6	628.9	631.9	634.9	643.7	665.7
659.9	40°	645.1	630.3	616.2	602.1	595.9	589.7	596.4	603.2	616.7	636.7
620.5	42.5°	604.5	588.4	575.1	561.8	556.7	551.6	560.5	569.5	586.6	604.9
585.7	45°	569.1	552.4	539.8	527.1	522.8	518.6	527.2	536.0	552.5	571.1
557.0	47.5°	540.6	524.2	511.9	499.5	495.5	491.5	498.8	506.1	520.3	544.3
532.0	50°	517.4	502.7	491.1	479.4	473.1	466.8	473.3	479.7	496.3	527.9
514.9	52.5°	501.2	487.6	476.9	466.1	456.8	447.3	453.7	460.1	483.3	519.6
503.2	55°	491.2	479.2	467.7	456.2	442.8	429.5	439.6	449.7	484.6	518.3
493.5	57.5°	481.6	469.8	456.2	442.7	428.3	413.9	428.7	443.4	485.9	515.7
479.7	60°	467.7	455.6	440.1	424.5	411.9	399.3	418.4	437.5	481.8	501.4
460.9	62.5°	448.1	435.2	417.1	398.9	390.9	382.9	406.8	430.7	471.7	474.1
435.1	65°	422.8	410.5	391.0	371.6	368.5	365.4	390.9	416.3	447.5	447.2
405.5	67.5°	393.8	382.2	364.2	346.3	347.2	348.2	369.3	390.5	408.1	408.9
372.7	70°	362.6	352.6	336.8	321.0	324.4	327.7	342.8	357.8	363.6	363.6
334.0	72.5°	324.9	315.8	303.4	291.0	295.8	300.8	311.1	321.4	321.3	317.7
289.7	75°	281.4	273.2	264.0	254.7	259.5	264.2	272.1	280.1	281.5	264.6
245.5	77.5°	238.5	231.4	223.9	216.4	221.2	225.9	232.3	238.7	239.4	211.7
197.1	80°	191.2	185.2	179.0	172.8	176.8	180.8	186.1	191.4	191.6	158.4
124.7	82.5°	126.8	128.9	129.4	129.9	132.8	135.6	138.2	140.8	139.2	111.0
63.9	85°	69.6	75.4	78.1	80.8	84.0	87.1	89.9	92.7	90.7	69.6
28.5	87.5°	32.9	37.3	37.4	37.5	38.1	38.7	39.8	41.0	38.3	29.6
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):

325°		330°	335°	340°	345°	350°	355°	360°
970.3	0°	970.3	970.3	970.3	970.3	970.3	970.3	970.3
985.1	2.5°	993.3	1001.8	1010.4	1018.9	1027.4	1035.4	1043.4
999.3	5°	1015.9	1033.6	1051.4	1069.0	1086.6	1104.3	1122.0
1013.0	7.5°	1036.2	1062.4	1088.7	1115.6	1142.6	1171.7	1200.9
1025.3	10°	1052.6	1084.5	1116.4	1152.0	1187.6	1224.5	1261.4
1030.5	12.5°	1061.5	1099.1	1136.7	1177.0	1217.4	1257.9	1298.5
1026.5	15°	1062.3	1105.6	1148.9	1192.7	1236.5	1278.7	1321.0
1008.8	17.5°	1051.9	1102.1	1152.4	1200.2	1247.9	1290.8	1333.6
978.3	20°	1031.7	1092.6	1153.5	1206.0	1258.5	1303.1	1347.6
942.5	22.5°	1006.8	1080.9	1155.0	1213.9	1272.8	1318.3	1363.8
902.6	25°	977.9	1069.4	1160.9	1228.2	1295.5	1340.0	1384.7
866.0	27.5°	950.2	1061.7	1173.2	1250.5	1327.9	1370.4	1412.9
835.5	30°	926.0	1058.1	1190.0	1279.5	1368.9	1410.0	1451.1
809.2	32.5°	902.6	1053.6	1204.5	1309.7	1414.8	1455.5	1496.2
783.3	35°	875.2	1045.2	1215.2	1344.1	1473.0	1511.9	1550.9
752.9	37.5°	840.0	1030.8	1221.5	1382.6	1543.7	1593.4	1643.0
716.5	40°	796.4	1010.9	1225.5	1431.5	1637.5	1709.9	1782.3
676.4	42.5°	747.9	990.4	1233.0	1495.5	1758.0	1862.5	1967.0
633.8	45°	696.5	971.4	1246.3	1579.7	1913.2	2054.1	2195.0
600.1	47.5°	655.9	955.7	1255.5	1669.5	2083.5	2281.9	2480.2
577.8	50°	627.7	938.6	1249.5	1752.7	2255.9	2555.0	2854.0
563.0	52.5°	606.5	909.6	1212.8	1806.8	2400.7	2841.9	3283.1
552.3	55°	586.3	861.7	1137.1	1794.9	2452.6	3096.3	3739.9
539.7	57.5°	563.7	794.1	1024.4	1711.0	2397.7	3276.5	4155.4
520.3	60°	539.2	706.3	873.4	1555.0	2236.6	3321.6	4406.6
486.7	62.5°	499.2	601.2	703.2	1344.0	1984.8	3131.9	4279.1
453.1	65°	459.1	506.7	554.3	1128.7	1703.2	2863.5	4023.8
405.6	67.5°	402.3	415.8	429.4	917.8	1406.3	2544.1	3681.9
348.3	70°	332.9	329.1	325.2	722.7	1120.1	2195.6	3271.0
296.0	72.5°	274.2	262.5	250.9	552.5	854.1	1817.7	2781.4
240.3	75°	215.9	205.4	194.8	401.0	607.2	1384.6	2162.1
188.0	77.5°	164.4	157.2	150.0	271.7	393.5	969.1	1544.7
138.4	80°	118.4	115.4	112.4	175.1	237.7	624.4	1011.0
96.2	82.5°	81.5	80.9	80.3	107.7	135.1	361.4	587.7
58.8	85°	48.0	48.3	48.6	57.6	66.6	162.6	258.6
25.2	87.5°	20.8	21.0	21.3	23.9	26.4	53.2	80.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)