

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: P946940

Luminaire Tested: **GALN-SB2B-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946940
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-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8131 lumens
Efficiency: N/A
Efficacy: 110.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

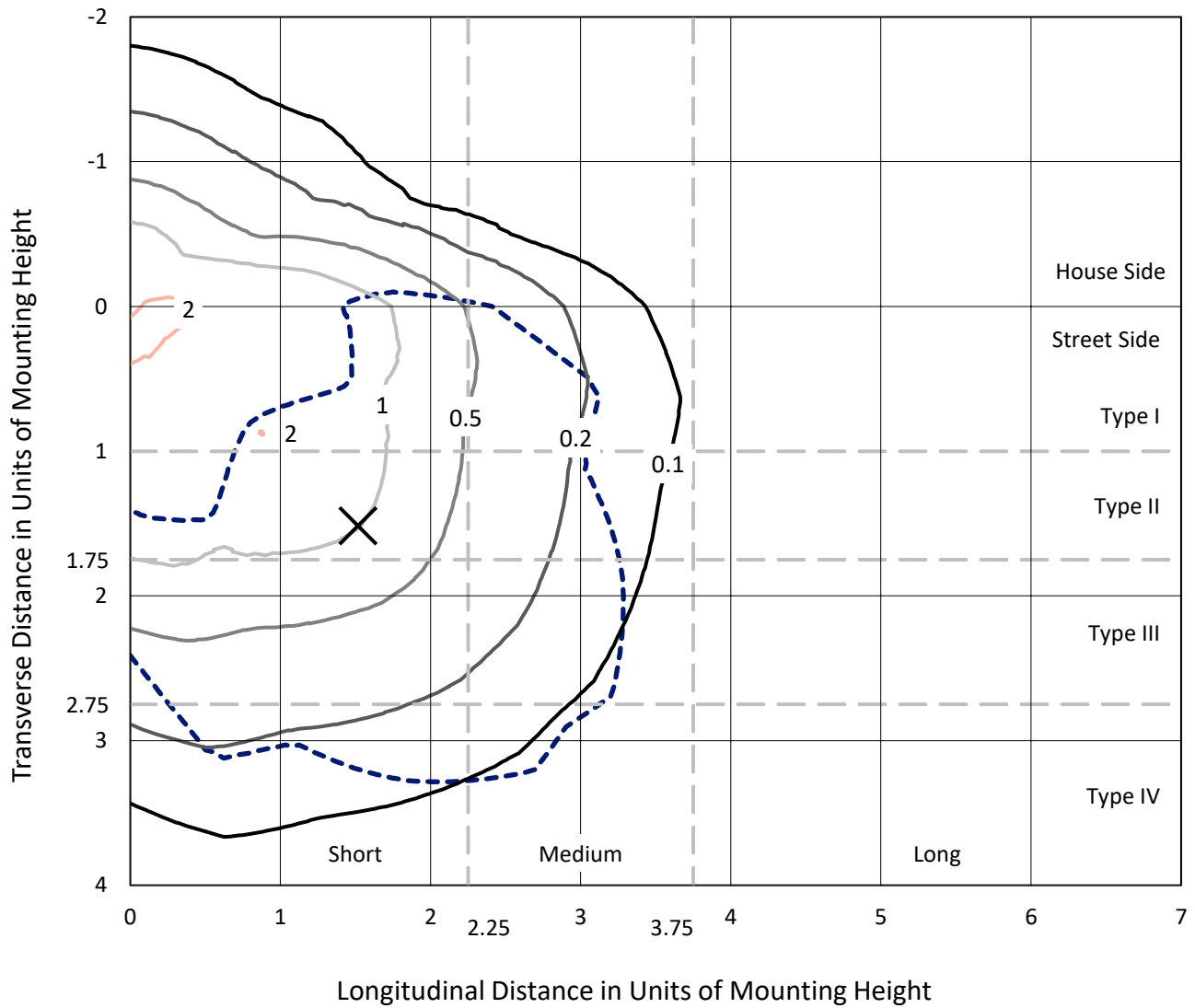
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

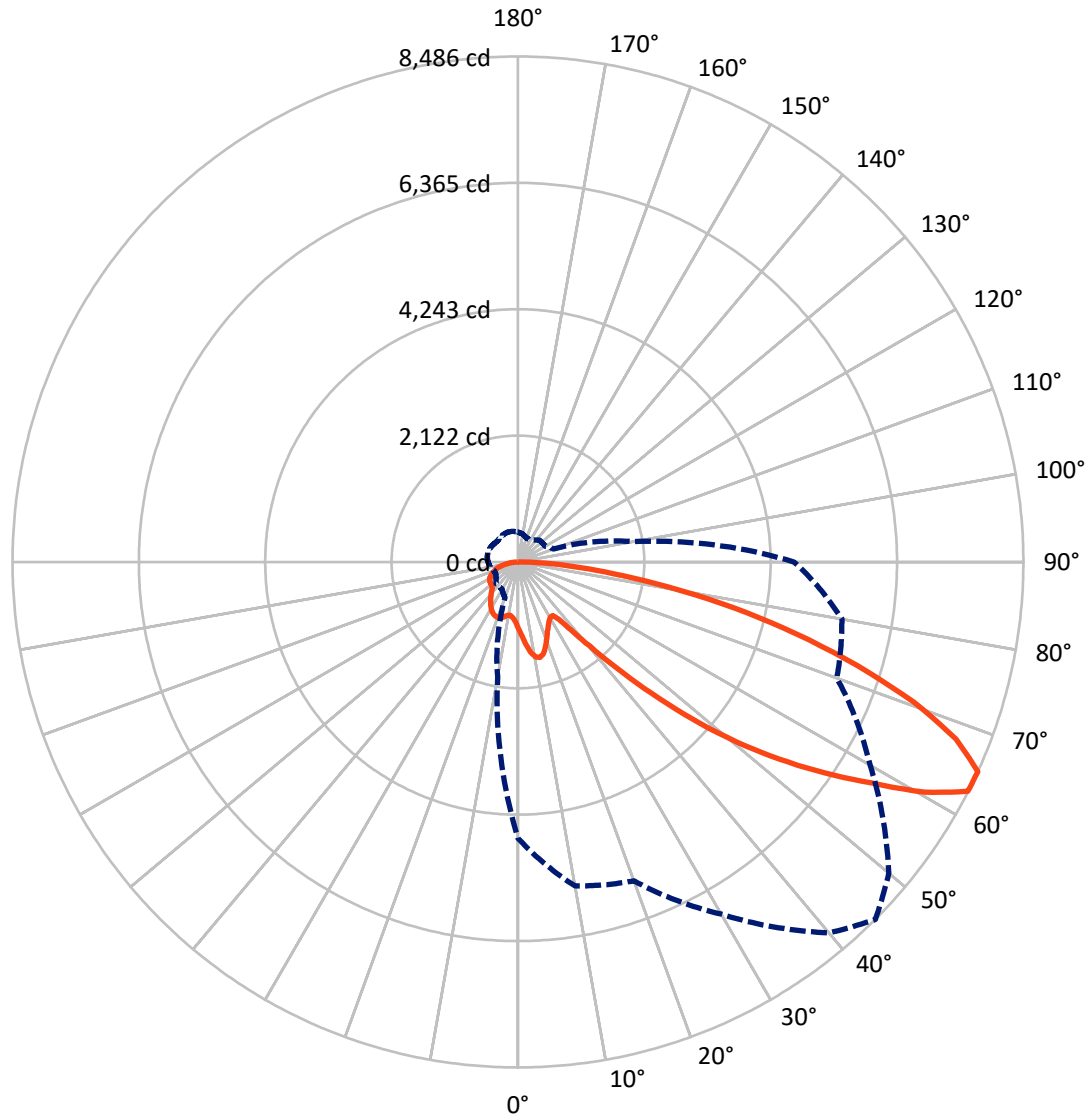
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 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	2066.5	0.0	2066.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	6064.5	0.0	6064.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	8131.0	0.0	8131.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.9	1.4
10°-20°	348.2	4.3
20°-30°	537.8	6.6
30°-40°	681.5	8.4
40°-50°	1027.9	12.6
50°-60°	1660.8	20.4
60°-70°	2070.5	25.5
70°-80°	1357.7	16.7
80°-90°	335.7	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°	8131.0	100.0
0°-180°	8131.0	100.0



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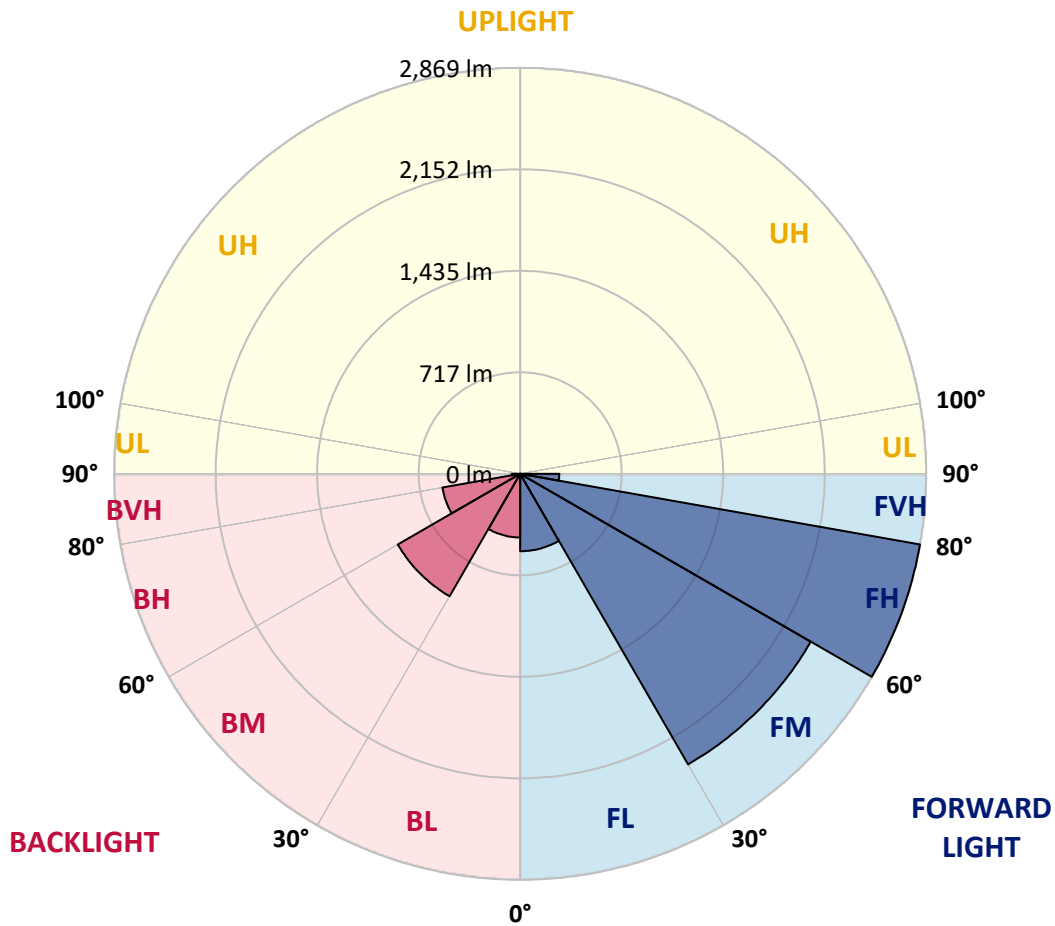
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	546.9	6.7			
FM (30°-60°)	2371.6	29.2			
FH (60°-80°)	2869.5	35.3			G2/5000
FVH (80°-90°)	276.5	3.4			G3/500
BL (0°-30°)	450.0	5.5	B1/500		
BM (30°-60°)	998.7	12.3	B1/1000		
BH (60°-80°)	558.7	6.9	B2/1000		G2/1000
BVH (80°-90°)	59.1	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
2.5°	1202.4	1206.9	1211.5	1218.0	1224.5	1228.3	1232.2	1234.1	1236.1	1235.2
5°	1292.9	1308.8	1324.8	1340.6	1356.4	1365.0	1373.6	1378.8	1384.0	1387.9
7.5°	1383.9	1409.8	1435.7	1459.0	1482.3	1496.3	1510.3	1517.9	1525.5	1529.1
10°	1453.6	1484.2	1514.9	1542.2	1569.5	1586.1	1602.6	1609.9	1617.3	1620.1
12.5°	1496.3	1529.5	1562.7	1587.4	1612.0	1624.0	1636.0	1640.1	1644.1	1644.5
15°	1522.2	1550.9	1579.5	1595.0	1610.5	1611.0	1611.4	1607.1	1602.8	1597.8
17.5°	1536.8	1556.2	1575.5	1575.8	1576.1	1558.7	1541.3	1525.4	1509.5	1498.2
20°	1552.9	1559.7	1566.4	1546.1	1525.7	1487.3	1449.0	1421.0	1393.1	1375.9
22.5°	1571.6	1562.7	1553.9	1511.7	1469.5	1413.0	1356.6	1321.7	1286.8	1267.8
25°	1595.6	1567.7	1539.8	1475.7	1411.6	1343.1	1274.6	1237.9	1201.2	1183.3
27.5°	1628.2	1578.4	1528.5	1443.6	1358.7	1282.7	1206.8	1170.7	1134.6	1117.7
30°	1672.2	1597.8	1523.5	1419.0	1314.5	1235.4	1156.3	1122.8	1089.3	1073.5
32.5°	1724.1	1622.3	1520.5	1402.3	1284.0	1209.7	1135.3	1109.0	1082.7	1071.3
35°	1787.2	1662.6	1538.0	1414.8	1291.6	1240.0	1188.4	1182.2	1176.1	1175.1
37.5°	1893.4	1746.8	1600.2	1488.3	1376.3	1372.9	1369.6	1397.6	1425.7	1440.3
40°	2053.8	1894.4	1735.0	1651.8	1568.5	1627.3	1686.0	1754.3	1822.5	1856.5
42.5°	2266.6	2108.5	1950.3	1902.4	1854.4	1982.6	2110.8	2234.9	2359.0	2431.8
45°	2529.4	2387.4	2245.3	2224.1	2202.9	2408.3	2613.7	2817.6	3021.5	3145.3
47.5°	2858.1	2719.9	2581.6	2577.3	2573.0	2869.3	3165.6	3464.0	3762.5	3937.7
50°	3288.8	3118.1	2947.4	2948.2	2948.9	3330.7	3712.6	4106.6	4500.6	4738.8
52.5°	3783.3	3576.6	3369.9	3349.0	3328.1	3784.2	4240.3	4727.8	5215.2	5500.7
55°	4309.7	4105.5	3901.3	3819.8	3738.3	4246.0	4753.6	5334.7	5915.8	6255.4
57.5°	4788.5	4677.3	4566.1	4402.7	4239.3	4751.9	5264.4	5922.7	6580.9	7002.0
60°	5077.9	5250.7	5423.4	5220.5	5017.6	5502.6	5987.7	6692.4	7397.2	7852.3
62.5°	4931.0	5403.0	5875.0	5852.1	5829.2	6273.5	6717.9	7388.4	8058.9	8479.6
65°	4636.9	5079.9	5522.8	5610.5	5698.1	6262.8	6827.6	7477.7	8127.9	8486.0
67.5°	4242.8	4664.1	5085.4	5126.5	5167.6	5756.0	6344.3	6997.3	7650.2	7930.8
70°	3769.3	4227.6	4685.9	4704.3	4722.7	5248.9	5775.0	6336.9	6898.8	7054.7
72.5°	3205.2	3731.0	4257.0	4270.2	4283.3	4695.0	5106.7	5527.5	5948.3	5964.1
75°	2491.4	3035.7	3580.0	3628.9	3677.7	3998.0	4318.3	4614.6	4910.8	4831.4
77.5°	1780.1	2288.2	2796.3	2866.2	2936.1	3179.6	3423.1	3633.2	3843.4	3706.9
80°	1165.1	1592.5	2019.9	2106.9	2193.8	2377.7	2561.5	2671.8	2782.1	2562.7
82.5°	677.2	969.5	1261.7	1358.8	1456.0	1582.5	1709.1	1755.1	1801.1	1628.6
85°	298.0	453.1	608.2	690.8	773.3	877.3	981.3	1007.4	1033.6	895.4
87.5°	92.2	144.4	196.5	242.6	288.7	340.7	392.7	394.9	397.1	333.4
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°
1118.1	0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
1236.1	2.5°	1234.1	1232.2	1228.3	1224.5	1218.0	1211.5	1206.9	1202.4	1193.2	1183.9
1384.0	5°	1378.8	1373.6	1365.0	1356.4	1340.6	1324.8	1308.8	1292.9	1272.5	1252.2
1525.5	7.5°	1517.9	1510.3	1496.3	1482.3	1459.0	1435.7	1409.8	1383.9	1350.2	1316.6
1617.3	10°	1609.9	1602.6	1586.1	1569.5	1542.2	1514.9	1484.2	1453.6	1411.1	1368.6
1644.1	12.5°	1640.1	1636.0	1624.0	1612.0	1587.4	1562.7	1529.5	1496.3	1449.6	1402.9
1602.8	15°	1607.1	1611.4	1611.0	1610.5	1595.0	1579.5	1550.9	1522.2	1473.5	1424.8
1509.5	17.5°	1525.4	1541.3	1558.7	1576.1	1575.8	1575.5	1556.2	1536.8	1487.4	1438.1
1393.1	20°	1421.0	1449.0	1487.3	1525.7	1546.1	1566.4	1559.7	1552.9	1501.6	1450.2
1286.8	22.5°	1321.7	1356.6	1413.0	1469.5	1511.7	1553.9	1562.7	1571.6	1519.2	1466.7
1201.2	25°	1237.9	1274.6	1343.1	1411.6	1475.7	1539.8	1567.7	1595.6	1544.2	1492.9
1134.6	27.5°	1170.7	1206.8	1282.7	1358.7	1443.6	1528.5	1578.4	1628.2	1579.2	1530.2
1089.3	30°	1122.8	1156.3	1235.4	1314.5	1419.0	1523.5	1597.8	1672.2	1624.8	1577.5
1082.7	32.5°	1109.0	1135.3	1209.7	1284.0	1402.3	1520.5	1622.3	1724.1	1677.2	1630.4
1176.1	35°	1182.2	1188.4	1240.0	1291.6	1414.8	1538.0	1662.6	1787.2	1742.3	1697.4
1425.7	37.5°	1397.6	1369.6	1372.9	1376.3	1488.3	1600.2	1746.8	1893.4	1836.1	1778.9
1822.5	40°	1754.3	1686.0	1627.3	1568.5	1651.8	1735.0	1894.4	2053.8	1970.4	1887.0
2359.0	42.5°	2234.9	2110.8	1982.6	1854.4	1902.4	1950.3	2108.5	2266.6	2146.2	2025.8
3021.5	45°	2817.6	2613.7	2408.3	2202.9	2224.1	2245.3	2387.4	2529.4	2367.0	2204.6
3762.5	47.5°	3464.0	3165.6	2869.3	2573.0	2577.3	2581.6	2719.9	2858.1	2629.5	2400.9
4500.6	50°	4106.6	3712.6	3330.7	2948.9	2948.2	2947.4	3118.1	3288.8	2944.3	2599.6
5215.2	52.5°	4727.8	4240.3	3784.2	3328.1	3349.0	3369.9	3576.6	3783.3	3274.9	2766.5
5915.8	55°	5334.7	4753.6	4246.0	3738.3	3819.8	3901.3	4105.5	4309.7	3568.0	2826.3
6580.9	57.5°	5922.7	5264.4	4751.9	4239.3	4402.7	4566.1	4677.3	4788.5	3775.7	2762.9
7397.2	60°	6692.4	5987.7	5502.6	5017.6	5220.5	5423.4	5250.7	5077.9	3827.7	2577.3
8058.9	62.5°	7388.4	6717.9	6273.5	5829.2	5852.1	5875.0	5403.0	4931.0	3609.1	2287.1
8127.9	65°	7477.7	6827.6	6262.8	5698.1	5610.5	5522.8	5079.9	4636.9	3299.8	1962.7
7650.2	67.5°	6997.3	6344.3	5756.0	5167.6	5126.5	5085.4	4664.1	4242.8	2931.7	1620.6
6898.8	70°	6336.9	5775.0	5248.9	4722.7	4704.3	4685.9	4227.6	3769.3	2530.1	1290.8
5948.3	72.5°	5527.5	5106.7	4695.0	4283.3	4270.2	4257.0	3731.0	3205.2	2094.7	984.2
4910.8	75°	4614.6	4318.3	3998.0	3677.7	3628.9	3580.0	3035.7	2491.4	1595.6	699.7
3843.4	77.5°	3633.2	3423.1	3179.6	2936.1	2866.2	2796.3	2288.2	1780.1	1116.8	453.4
2782.1	80°	2671.8	2561.5	2377.7	2193.8	2106.9	2019.9	1592.5	1165.1	719.5	273.9
1801.1	82.5°	1755.1	1709.1	1582.5	1456.0	1358.8	1261.7	969.5	677.2	416.4	155.7
1033.6	85°	1007.4	981.3	877.3	773.3	690.8	608.2	453.1	298.0	187.3	76.7
397.1	87.5°	394.9	392.7	340.7	288.7	242.6	196.5	144.4	92.2	61.4	30.5
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1118.1	0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
1174.1	2.5°	1164.3	1154.5	1144.6	1135.2	1125.7	1116.6	1106.4	1098.2	1090.0	1082.6
1231.8	5°	1211.5	1191.1	1170.6	1151.5	1132.5	1114.4	1096.6	1081.1	1065.5	1052.5
1285.6	7.5°	1254.5	1224.3	1194.0	1167.4	1140.7	1116.2	1093.1	1072.4	1051.8	1034.6
1327.5	10°	1286.5	1249.8	1213.0	1181.5	1149.9	1119.6	1094.8	1073.0	1051.2	1034.1
1356.4	12.5°	1309.9	1266.5	1223.2	1187.5	1151.9	1120.0	1097.0	1079.1	1061.4	1050.0
1374.4	15°	1323.9	1274.0	1224.1	1182.9	1141.6	1106.3	1087.8	1079.3	1070.8	1072.3
1383.0	17.5°	1328.0	1270.0	1212.1	1162.5	1112.8	1071.3	1059.9	1063.1	1066.2	1084.9
1389.8	20°	1329.3	1259.1	1188.9	1127.3	1065.8	1017.5	1014.5	1029.1	1043.6	1076.1
1398.8	22.5°	1331.0	1245.6	1160.2	1086.1	1012.0	957.0	962.9	984.4	1006.0	1043.1
1415.3	25°	1337.8	1232.3	1126.9	1040.1	953.3	896.9	912.8	937.7	962.6	995.9
1441.1	27.5°	1351.9	1223.4	1094.9	998.0	901.1	849.7	869.0	893.1	917.1	944.5
1474.4	30°	1371.3	1219.3	1067.1	962.8	858.5	815.4	830.5	849.6	868.7	891.5
1509.2	32.5°	1388.0	1214.1	1040.1	932.5	824.8	790.1	796.8	808.1	819.4	837.5
1548.8	35°	1400.3	1204.4	1008.6	902.7	796.7	767.8	765.0	768.1	771.2	785.1
1593.2	37.5°	1407.6	1187.8	968.0	867.6	767.1	741.8	731.6	728.2	724.7	734.7
1649.6	40°	1412.2	1164.9	917.7	825.7	733.7	710.7	695.0	687.3	679.5	686.7
1723.4	42.5°	1420.9	1141.3	861.9	779.5	697.1	676.0	656.2	645.9	635.6	641.5
1820.4	45°	1436.2	1119.4	802.7	730.4	658.1	636.7	617.6	607.6	597.6	602.5
1923.8	47.5°	1446.7	1101.3	755.9	691.6	627.3	599.6	583.2	574.7	566.3	571.0
2019.8	50°	1439.9	1081.6	723.3	665.8	608.3	571.9	552.8	545.4	537.9	545.1
2082.1	52.5°	1397.6	1048.2	698.9	648.8	598.7	556.9	530.2	522.8	515.5	526.3
2068.3	55°	1310.3	993.0	675.7	636.5	597.3	558.4	518.2	506.5	494.9	510.3
1971.7	57.5°	1180.5	915.1	649.6	621.9	594.2	559.9	511.0	494.0	477.0	493.6
1791.9	60°	1006.4	813.9	621.3	599.6	577.8	555.2	504.2	482.2	460.1	474.7
1548.8	62.5°	810.4	692.8	575.3	560.8	546.4	543.6	496.3	468.8	441.3	450.5
1300.7	65°	638.8	583.9	529.0	522.2	515.4	515.7	479.7	450.4	421.1	424.7
1057.7	67.5°	494.8	479.2	463.6	467.4	471.2	470.2	450.0	425.6	401.2	400.1
832.8	70°	374.8	379.2	383.6	401.3	419.0	419.0	412.3	395.0	377.6	373.8
636.7	72.5°	289.1	302.5	316.0	341.0	366.1	370.3	370.3	358.5	346.6	340.9
462.1	75°	224.5	236.7	248.8	276.9	305.0	324.4	322.7	313.6	304.4	299.0
313.1	77.5°	172.8	181.1	189.4	216.7	243.9	275.9	275.0	267.7	260.3	254.9
201.7	80°	129.6	133.0	136.4	159.5	182.6	220.7	220.6	214.5	208.3	203.7
124.1	82.5°	92.6	93.2	93.9	110.9	127.9	160.5	162.3	159.3	156.3	153.0
66.3	85°	56.0	55.7	55.3	67.8	80.2	104.5	106.8	103.6	100.4	96.7
27.5	87.5°	24.5	24.2	23.9	29.0	34.1	44.2	47.2	45.9	44.6	43.9
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°
1118.1	0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
1075.2	2.5°	1068.7	1062.2	1055.7	1049.2	1044.2	1039.1	1035.1	1031.0	1027.8	1024.6
1039.5	5°	1028.0	1016.5	1006.1	995.6	987.6	979.5	973.9	968.3	964.3	960.3
1017.5	7.5°	1003.0	988.5	975.7	963.0	953.4	943.9	937.2	930.5	925.9	921.4
1016.9	10°	1001.3	985.7	971.4	957.0	945.6	934.1	926.6	919.1	914.8	910.4
1038.6	12.5°	1026.4	1014.2	999.3	984.4	969.8	955.3	945.6	936.0	931.1	926.3
1073.9	15°	1070.7	1067.5	1054.6	1041.7	1020.9	1000.2	985.5	970.8	964.1	957.4
1103.6	17.5°	1113.5	1123.4	1113.0	1102.6	1075.1	1047.6	1026.0	1004.4	994.4	984.4
1108.6	20°	1129.5	1150.3	1145.5	1140.6	1109.2	1077.8	1051.2	1024.8	1012.0	999.2
1080.2	22.5°	1107.3	1134.4	1137.3	1140.2	1110.1	1080.1	1052.8	1025.5	1012.1	998.6
1029.3	25°	1055.9	1082.6	1092.5	1102.4	1077.8	1053.2	1028.9	1004.7	993.1	981.4
971.9	27.5°	993.2	1014.6	1025.7	1036.8	1019.2	1001.7	982.9	964.1	956.2	948.4
914.2	30°	931.9	949.7	958.7	967.7	954.4	941.0	927.5	913.9	910.0	905.9
855.7	32.5°	872.7	889.7	899.7	909.8	897.5	885.2	874.4	863.7	861.0	858.4
798.9	35°	815.7	832.6	844.6	856.6	847.8	839.1	829.2	819.3	815.3	811.3
744.6	37.5°	761.4	778.2	793.0	807.9	803.9	799.8	790.7	781.5	774.2	767.0
693.8	40°	710.1	726.3	743.4	760.5	761.5	762.4	754.6	746.9	736.3	725.9
647.3	42.5°	662.7	678.1	696.5	715.0	719.9	724.9	718.3	711.8	698.7	685.6
607.4	45°	622.0	636.6	655.7	674.9	682.0	689.0	683.1	677.2	662.3	647.3
575.6	47.5°	589.8	604.1	623.0	641.8	650.0	658.1	654.0	649.9	636.6	623.3
552.4	50°	565.9	579.3	596.2	613.1	623.6	634.0	633.8	633.6	623.0	612.3
537.2	52.5°	549.5	561.8	577.6	593.4	605.8	618.2	620.4	622.6	614.0	605.3
525.7	55°	539.0	552.3	566.1	579.8	593.0	606.2	609.2	612.3	604.8	597.2
510.1	57.5°	525.7	541.4	555.0	568.7	582.0	595.2	598.3	601.4	593.8	586.2
489.2	60°	507.1	525.1	538.9	552.8	566.1	579.4	582.9	586.3	578.8	571.4
459.7	62.5°	480.6	501.5	516.4	531.2	543.3	555.5	558.8	562.1	555.4	548.7
428.2	65°	450.6	473.0	487.2	501.3	512.1	522.8	526.2	529.5	523.0	516.6
399.0	67.5°	419.7	440.4	453.8	467.2	476.5	485.8	489.1	492.3	486.4	480.4
369.9	70°	388.1	406.3	417.9	429.5	437.8	446.2	449.4	452.6	447.7	442.9
335.3	72.5°	349.6	363.9	374.4	384.9	393.0	401.2	405.0	408.8	404.8	400.7
293.6	75°	304.2	314.8	324.3	333.8	341.3	348.7	352.7	356.6	354.6	352.7
249.4	77.5°	258.0	266.6	274.8	283.0	290.8	298.6	302.3	306.0	303.2	300.4
199.1	80°	206.3	213.4	220.3	227.2	233.1	239.1	244.0	248.8	247.6	246.5
149.7	82.5°	149.1	148.5	146.1	143.7	156.4	169.1	177.5	185.8	185.3	184.7
93.1	85°	90.0	86.9	80.2	73.6	85.5	97.4	107.7	118.0	117.1	116.3
43.2	87.5°	43.1	43.0	37.9	32.8	37.8	42.8	47.0	51.1	50.1	49.0
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°
1118.1	0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
1021.7	2.5°	1018.8	1015.1	1018.8	1021.7	1024.6	1027.8	1031.0	1035.1	1039.1	1044.2
957.2	5°	954.2	951.2	954.2	957.2	960.3	964.3	968.3	973.9	979.5	987.6
918.6	7.5°	915.9	913.9	915.9	918.6	921.4	925.9	930.5	937.2	943.9	953.4
908.1	10°	905.8	904.8	905.8	908.1	910.4	914.8	919.1	926.6	934.1	945.6
924.3	12.5°	922.4	922.0	922.4	924.3	926.3	931.1	936.0	945.6	955.3	969.8
954.8	15°	952.3	952.0	952.3	954.8	957.4	964.1	970.8	985.5	1000.2	1020.9
981.2	17.5°	977.9	977.4	977.9	981.2	984.4	994.4	1004.4	1026.0	1047.6	1075.1
995.2	20°	991.1	989.8	991.1	995.2	999.2	1012.0	1024.8	1051.2	1077.8	1109.2
994.1	22.5°	989.6	987.7	989.6	994.1	998.6	1012.1	1025.5	1052.8	1080.1	1110.1
977.2	25°	973.0	970.5	973.0	977.2	981.4	993.1	1004.7	1028.9	1053.2	1077.8
946.5	27.5°	944.5	943.9	944.5	946.5	948.4	956.2	964.1	982.9	1001.7	1019.2
905.9	30°	905.9	906.6	905.9	905.9	905.9	910.0	913.9	927.5	941.0	954.4
858.8	32.5°	859.2	859.8	859.2	858.8	858.4	861.0	863.7	874.4	885.2	897.5
810.5	35°	809.6	809.2	809.6	810.5	811.3	815.3	819.3	829.2	839.1	847.8
763.2	37.5°	759.4	757.3	759.4	763.2	767.0	774.2	781.5	790.7	799.8	803.9
718.7	40°	711.7	707.5	711.7	718.7	725.9	736.3	746.9	754.6	762.4	761.5
675.3	42.5°	664.9	658.1	664.9	675.3	685.6	698.7	711.8	718.3	724.9	719.9
635.2	45°	623.1	615.2	623.1	635.2	647.3	662.3	677.2	683.1	689.0	682.0
612.1	47.5°	600.9	593.4	600.9	612.1	623.3	636.6	649.9	654.0	658.1	650.0
601.9	50°	591.6	584.4	591.6	601.9	612.3	623.0	633.6	633.8	634.0	623.6
596.0	52.5°	586.7	580.1	586.7	596.0	605.3	614.0	622.6	620.4	618.2	605.8
589.1	55°	580.9	574.9	580.9	589.1	597.2	604.8	612.3	609.2	606.2	593.0
578.1	57.5°	570.0	563.8	570.0	578.1	586.2	593.8	601.4	598.3	595.2	582.0
563.1	60°	554.8	548.3	554.8	563.1	571.4	578.8	586.3	582.9	579.4	566.1
539.9	62.5°	531.2	523.4	531.2	539.9	548.7	555.4	562.1	558.8	555.5	543.3
508.1	65°	499.6	493.0	499.6	508.1	516.6	523.0	529.5	526.2	522.8	512.1
472.5	67.5°	464.7	458.6	464.7	472.5	480.4	486.4	492.3	489.1	485.8	476.5
435.3	70°	427.8	420.9	427.8	435.3	442.9	447.7	452.6	449.4	446.2	437.8
393.5	72.5°	386.4	379.7	386.4	393.5	400.7	404.8	408.8	405.0	401.2	393.0
346.6	75°	340.6	334.2	340.6	346.6	352.7	354.6	356.6	352.7	348.7	341.3
294.3	77.5°	288.2	283.2	288.2	294.3	300.4	303.2	306.0	302.3	298.6	290.8
238.3	80°	230.1	220.5	230.1	238.3	246.5	247.6	248.8	244.0	239.1	233.1
177.8	82.5°	170.8	164.8	170.8	177.8	184.7	185.3	185.8	177.5	169.1	156.4
110.9	85°	105.5	100.0	105.5	110.9	116.3	117.1	118.0	107.7	97.4	85.5
46.3	87.5°	43.4	40.8	43.4	46.3	49.0	50.1	51.1	47.0	42.8	37.8
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°
1118.1	0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
1049.2	2.5°	1055.7	1062.2	1068.7	1075.2	1082.6	1090.0	1098.2	1106.4	1116.6	1125.7
995.6	5°	1006.1	1016.5	1028.0	1039.5	1052.5	1065.5	1081.1	1096.6	1114.4	1132.5
963.0	7.5°	975.7	988.5	1003.0	1017.5	1034.6	1051.8	1072.4	1093.1	1116.2	1140.7
957.0	10°	971.4	985.7	1001.3	1016.9	1034.1	1051.2	1073.0	1094.8	1119.6	1149.9
984.4	12.5°	999.3	1014.2	1026.4	1038.6	1050.0	1061.4	1079.1	1097.0	1120.0	1151.9
1041.7	15°	1054.6	1067.5	1070.7	1073.9	1072.3	1070.8	1079.3	1087.8	1106.3	1141.6
1102.6	17.5°	1113.0	1123.4	1113.5	1103.6	1084.9	1066.2	1063.1	1059.9	1071.3	1112.8
1140.6	20°	1145.5	1150.3	1129.5	1108.6	1076.1	1043.6	1029.1	1014.5	1017.5	1065.8
1140.2	22.5°	1137.3	1134.4	1107.3	1080.2	1043.1	1006.0	984.4	962.9	957.0	1012.0
1102.4	25°	1092.5	1082.6	1055.9	1029.3	995.9	962.6	937.7	912.8	896.9	953.3
1036.8	27.5°	1025.7	1014.6	993.2	971.9	944.5	917.1	893.1	869.0	849.7	901.1
967.7	30°	958.7	949.7	931.9	914.2	891.5	868.7	849.6	830.5	815.4	858.5
909.8	32.5°	899.7	889.7	872.7	855.7	837.5	819.4	808.1	796.8	790.1	824.8
856.6	35°	844.6	832.6	815.7	798.9	785.1	771.2	768.1	765.0	767.8	796.7
807.9	37.5°	793.0	778.2	761.4	744.6	734.7	724.7	728.2	731.6	741.8	767.1
760.5	40°	743.4	726.3	710.1	693.8	686.7	679.5	687.3	695.0	710.7	733.7
715.0	42.5°	696.5	678.1	662.7	647.3	641.5	635.6	645.9	656.2	676.0	697.1
674.9	45°	655.7	636.6	622.0	607.4	602.5	597.6	607.6	617.6	636.7	658.1
641.8	47.5°	623.0	604.1	589.8	575.6	571.0	566.3	574.7	583.2	599.6	627.3
613.1	50°	596.2	579.3	565.9	552.4	545.1	537.9	545.4	552.8	571.9	608.3
593.4	52.5°	577.6	561.8	549.5	537.2	526.3	515.5	522.8	530.2	556.9	598.7
579.8	55°	566.1	552.3	539.0	525.7	510.3	494.9	506.5	518.2	558.4	597.3
568.7	57.5°	555.0	541.4	525.7	510.1	493.6	477.0	494.0	511.0	559.9	594.2
552.8	60°	538.9	525.1	507.1	489.2	474.7	460.1	482.2	504.2	555.2	577.8
531.2	62.5°	516.4	501.5	480.6	459.7	450.5	441.3	468.8	496.3	543.6	546.4
501.3	65°	487.2	473.0	450.6	428.2	424.7	421.1	450.4	479.7	515.7	515.4
467.2	67.5°	453.8	440.4	419.7	399.0	400.1	401.2	425.6	450.0	470.2	471.2
429.5	70°	417.9	406.3	388.1	369.9	373.8	377.6	395.0	412.3	419.0	419.0
384.9	72.5°	374.4	363.9	349.6	335.3	340.9	346.6	358.5	370.3	370.3	366.1
333.8	75°	324.3	314.8	304.2	293.6	299.0	304.4	313.6	322.7	324.4	305.0
283.0	77.5°	274.8	266.6	258.0	249.4	254.9	260.3	267.7	275.0	275.9	243.9
227.2	80°	220.3	213.4	206.3	199.1	203.7	208.3	214.5	220.6	220.7	182.6
143.7	82.5°	146.1	148.5	149.1	149.7	153.0	156.3	159.3	162.3	160.5	127.9
73.6	85°	80.2	86.9	90.0	93.1	96.7	100.4	103.6	106.8	104.5	80.2
32.8	87.5°	37.9	43.0	43.1	43.2	43.9	44.6	45.9	47.2	44.2	34.1
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°
1118.1	0°	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1	1118.1
1135.2	2.5°	1144.6	1154.5	1164.3	1174.1	1183.9	1193.2	1202.4
1151.5	5°	1170.6	1191.1	1211.5	1231.8	1252.2	1272.5	1292.9
1167.4	7.5°	1194.0	1224.3	1254.5	1285.6	1316.6	1350.2	1383.9
1181.5	10°	1213.0	1249.8	1286.5	1327.5	1368.6	1411.1	1453.6
1187.5	12.5°	1223.2	1266.5	1309.9	1356.4	1402.9	1449.6	1496.3
1182.9	15°	1224.1	1274.0	1323.9	1374.4	1424.8	1473.5	1522.2
1162.5	17.5°	1212.1	1270.0	1328.0	1383.0	1438.1	1487.4	1536.8
1127.3	20°	1188.9	1259.1	1329.3	1389.8	1450.2	1501.6	1552.9
1086.1	22.5°	1160.2	1245.6	1331.0	1398.8	1466.7	1519.2	1571.6
1040.1	25°	1126.9	1232.3	1337.8	1415.3	1492.9	1544.2	1595.6
998.0	27.5°	1094.9	1223.4	1351.9	1441.1	1530.2	1579.2	1628.2
962.8	30°	1067.1	1219.3	1371.3	1474.4	1577.5	1624.8	1672.2
932.5	32.5°	1040.1	1214.1	1388.0	1509.2	1630.4	1677.2	1724.1
902.7	35°	1008.6	1204.4	1400.3	1548.8	1697.4	1742.3	1787.2
867.6	37.5°	968.0	1187.8	1407.6	1593.2	1778.9	1836.1	1893.4
825.7	40°	917.7	1164.9	1412.2	1649.6	1887.0	1970.4	2053.8
779.5	42.5°	861.9	1141.3	1420.9	1723.4	2025.8	2146.2	2266.6
730.4	45°	802.7	1119.4	1436.2	1820.4	2204.6	2367.0	2529.4
691.6	47.5°	755.9	1101.3	1446.7	1923.8	2400.9	2629.5	2858.1
665.8	50°	723.3	1081.6	1439.9	2019.8	2599.6	2944.3	3288.8
648.8	52.5°	698.9	1048.2	1397.6	2082.1	2766.5	3274.9	3783.3
636.5	55°	675.7	993.0	1310.3	2068.3	2826.3	3568.0	4309.7
621.9	57.5°	649.6	915.1	1180.5	1971.7	2762.9	3775.7	4788.5
599.6	60°	621.3	813.9	1006.4	1791.9	2577.3	3827.7	5077.9
560.8	62.5°	575.3	692.8	810.4	1548.8	2287.1	3609.1	4931.0
522.2	65°	529.0	583.9	638.8	1300.7	1962.7	3299.8	4636.9
467.4	67.5°	463.6	479.2	494.8	1057.7	1620.6	2931.7	4242.8
401.3	70°	383.6	379.2	374.8	832.8	1290.8	2530.1	3769.3
341.0	72.5°	316.0	302.5	289.1	636.7	984.2	2094.7	3205.2
276.9	75°	248.8	236.7	224.5	462.1	699.7	1595.6	2491.4
216.7	77.5°	189.4	181.1	172.8	313.1	453.4	1116.8	1780.1
159.5	80°	136.4	133.0	129.6	201.7	273.9	719.5	1165.1
110.9	82.5°	93.9	93.2	92.6	124.1	155.7	416.4	677.2
67.8	85°	55.3	55.7	56.0	66.3	76.7	187.3	298.0
29.0	87.5°	23.9	24.2	24.5	27.5	30.5	61.4	92.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)