

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: P945659

Luminaire Tested: **GALN-SB1C-750-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945659
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-750-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 5000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7897 lumens
Efficiency: N/A
Efficacy: 145.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

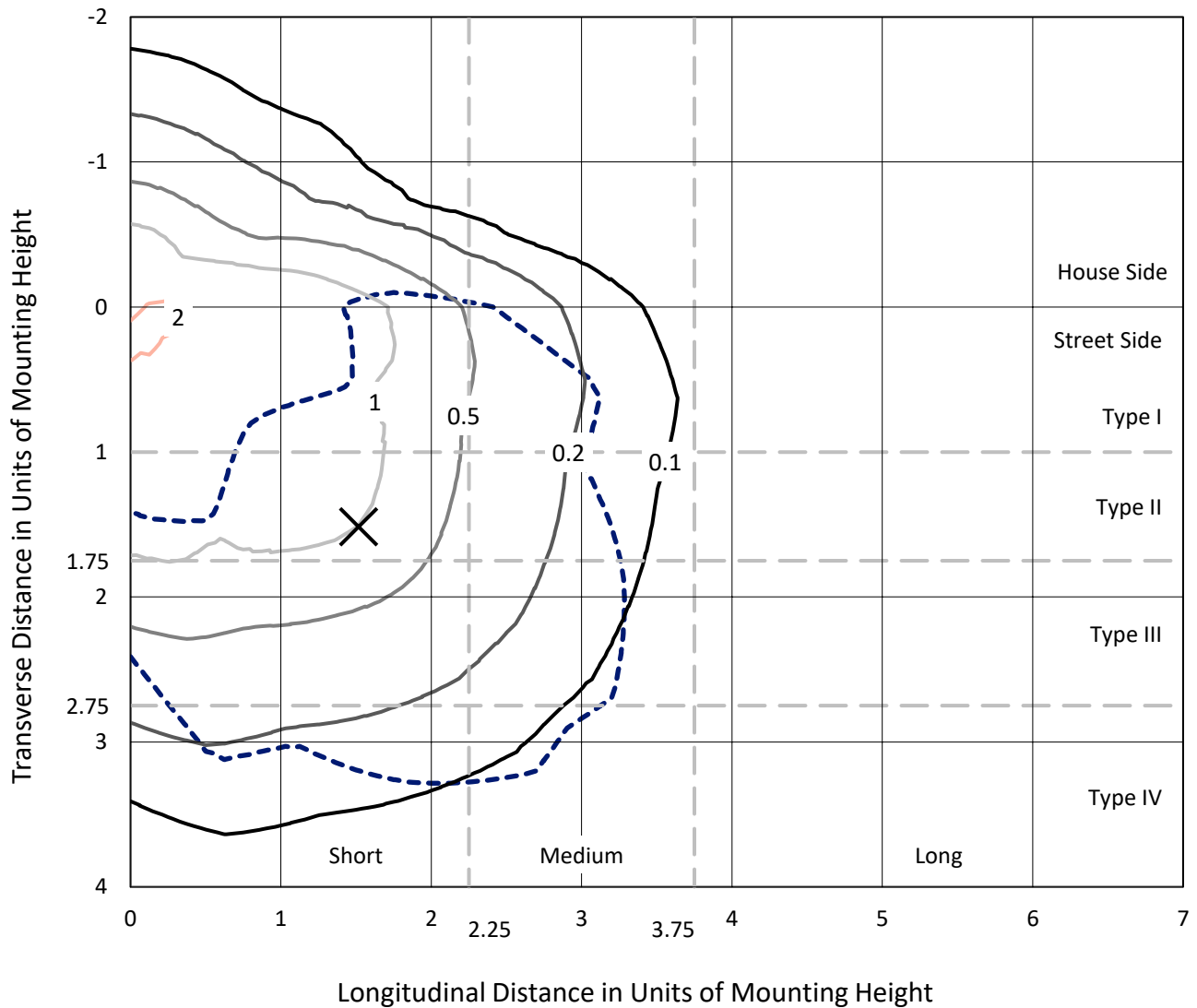
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

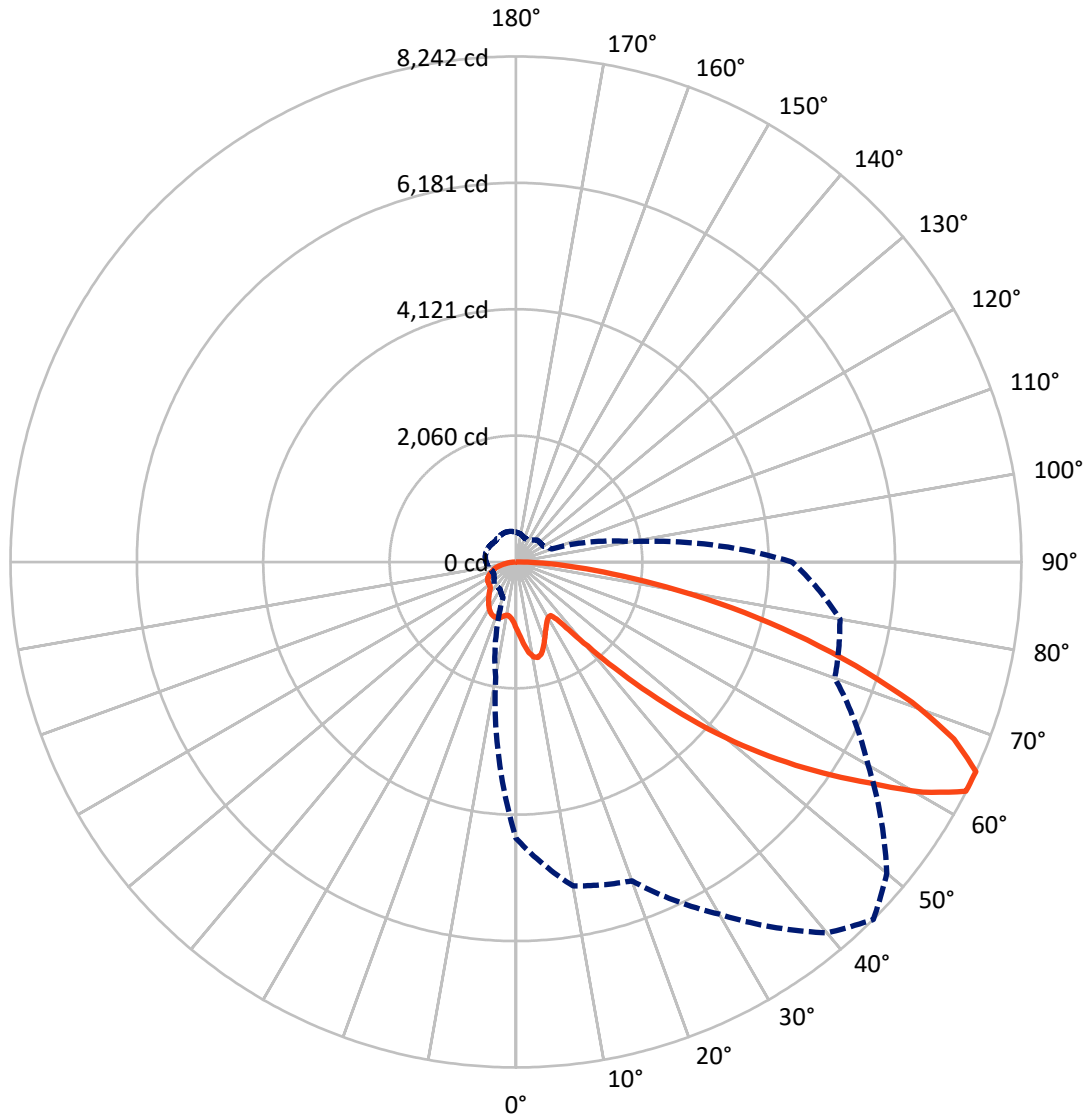
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 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	2007.0	0.0	2007.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5890.0	0.0	5890.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	7897.0	0.0	7897.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.7	1.4
10°-20°	338.2	4.3
20°-30°	522.3	6.6
30°-40°	661.9	8.4
40°-50°	998.4	12.6
50°-60°	1613.0	20.4
60°-70°	2010.9	25.5
70°-80°	1318.6	16.7
80°-90°	326.0	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°	7897.0	100.0
0°-180°	7897.0	100.0

Coefficient of Utilization



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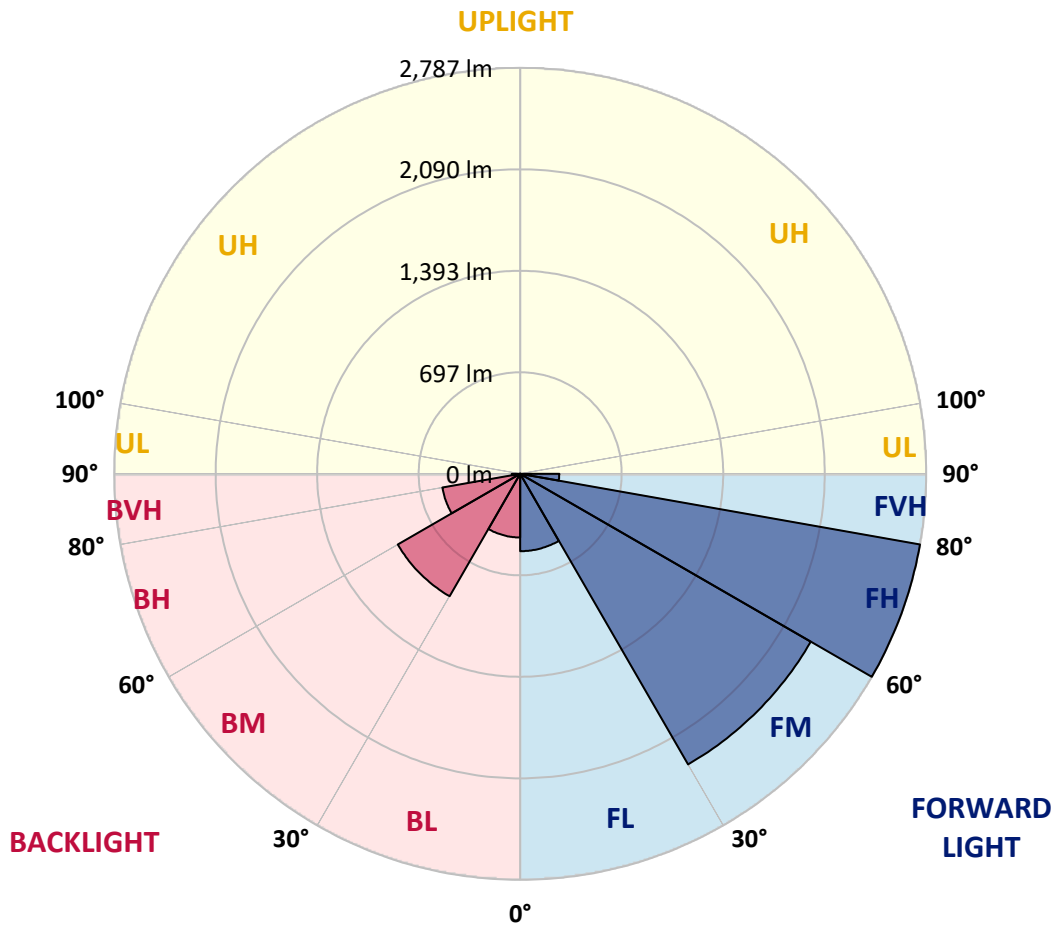
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	531.2	6.7			
FM (30°-60°)	2303.4	29.2			
FH (60°-80°)	2786.9	35.3			G2/5000
FVH (80°-90°)	268.6	3.4			G3/500
BL (0°-30°)	437.1	5.5	B1/500		
BM (30°-60°)	969.9	12.3	B1/1000		
BH (60°-80°)	542.6	6.9	B2/1000		G2/1000
BVH (80°-90°)	57.4	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°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
2.5°	1167.8	1172.2	1176.7	1183.0	1189.2	1193.0	1196.7	1198.6	1200.5	1199.7
5°	1255.7	1271.2	1286.7	1302.0	1317.4	1325.7	1334.0	1339.1	1344.2	1348.0
7.5°	1344.0	1369.2	1394.3	1417.0	1439.6	1453.2	1466.8	1474.2	1481.6	1485.1
10°	1411.8	1441.5	1471.3	1497.8	1524.4	1540.4	1556.4	1563.6	1570.7	1573.4
12.5°	1453.2	1485.5	1517.7	1541.7	1565.6	1577.3	1588.9	1592.9	1596.8	1597.2
15°	1478.4	1506.3	1534.1	1549.1	1564.2	1564.6	1565.0	1560.9	1556.7	1551.8
17.5°	1492.6	1511.4	1530.2	1530.5	1530.7	1513.9	1497.0	1481.5	1466.0	1455.1
20°	1508.2	1514.8	1521.4	1501.6	1481.8	1444.5	1407.3	1380.1	1353.0	1336.3
22.5°	1526.4	1517.8	1509.2	1468.2	1427.2	1372.4	1317.6	1283.7	1249.7	1231.3
25°	1549.7	1522.6	1495.5	1433.3	1371.0	1304.5	1237.9	1202.2	1166.7	1149.2
27.5°	1581.4	1532.9	1484.5	1402.0	1319.6	1245.8	1172.1	1137.0	1101.9	1085.5
30°	1624.1	1551.9	1479.7	1378.2	1276.7	1199.8	1123.0	1090.4	1057.9	1042.6
32.5°	1674.5	1575.6	1476.8	1361.9	1247.1	1174.9	1102.7	1077.1	1051.5	1040.5
35°	1735.7	1614.7	1493.8	1374.1	1254.5	1204.3	1154.2	1148.2	1142.2	1141.3
37.5°	1838.9	1696.5	1554.2	1445.4	1336.7	1333.4	1330.2	1357.4	1384.7	1398.8
40°	1994.7	1839.9	1685.1	1604.2	1523.4	1580.4	1637.5	1703.8	1770.0	1803.0
42.5°	2201.4	2047.8	1894.2	1847.6	1801.0	1925.5	2050.1	2170.6	2291.1	2361.8
45°	2456.6	2318.7	2180.6	2160.1	2139.5	2339.0	2538.5	2736.5	2934.6	3054.8
47.5°	2775.8	2641.6	2507.3	2503.2	2499.0	2786.8	3074.5	3364.3	3654.2	3824.4
50°	3194.2	3028.4	2862.6	2863.3	2864.0	3234.9	3605.7	3988.4	4371.0	4602.4
52.5°	3674.4	3473.6	3272.9	3252.6	3232.3	3675.3	4118.3	4591.7	5065.1	5342.4
55°	4185.7	3987.3	3789.0	3709.9	3630.7	4123.8	4616.8	5181.2	5745.6	6075.4
57.5°	4650.7	4542.7	4434.7	4276.0	4117.3	4615.1	5112.9	5752.2	6391.5	6800.5
60°	4931.8	5099.5	5267.4	5070.3	4873.2	5344.3	5815.4	6499.8	7184.3	7626.3
62.5°	4789.1	5247.5	5705.9	5683.7	5661.4	6093.0	6524.6	7175.8	7827.0	8235.5
65°	4503.4	4933.7	5363.9	5449.0	5534.1	6082.6	6631.1	7262.5	7893.9	8241.8
67.5°	4120.7	4529.9	4939.1	4979.0	5018.9	5590.3	6161.7	6795.9	7430.1	7702.6
70°	3660.9	4105.9	4551.1	4568.9	4586.8	5097.8	5608.8	6154.5	6700.2	6851.7
72.5°	3112.9	3623.7	4134.4	4147.3	4160.1	4559.9	4959.7	5368.4	5777.1	5792.5
75°	2419.7	2948.4	3477.0	3524.4	3571.9	3883.0	4194.0	4481.8	4769.5	4692.4
77.5°	1728.9	2222.3	2715.8	2783.7	2851.6	3088.1	3324.6	3528.7	3732.7	3600.2
80°	1131.5	1546.7	1961.8	2046.2	2130.6	2309.2	2487.7	2594.9	2702.1	2488.9
82.5°	657.8	941.6	1225.4	1319.7	1414.1	1537.0	1659.9	1704.6	1749.3	1581.8
85°	289.4	440.0	590.7	670.9	751.1	852.1	953.1	978.4	1003.8	869.6
87.5°	89.6	140.2	190.8	235.6	280.4	330.9	381.4	383.5	385.7	323.8
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°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1200.5	2.5°	1198.6	1196.7	1193.0	1189.2	1183.0	1176.7	1172.2	1167.8	1158.8	1149.9
1344.2	5°	1339.1	1334.0	1325.7	1317.4	1302.0	1286.7	1271.2	1255.7	1235.9	1216.1
1481.6	7.5°	1474.2	1466.8	1453.2	1439.6	1417.0	1394.3	1369.2	1344.0	1311.4	1278.8
1570.7	10°	1563.6	1556.4	1540.4	1524.4	1497.8	1471.3	1441.5	1411.8	1370.5	1329.2
1596.8	12.5°	1592.9	1588.9	1577.3	1565.6	1541.7	1517.7	1485.5	1453.2	1407.8	1362.5
1556.7	15°	1560.9	1565.0	1564.6	1564.2	1549.1	1534.1	1506.3	1478.4	1431.1	1383.8
1466.0	17.5°	1481.5	1497.0	1513.9	1530.7	1530.5	1530.2	1511.4	1492.6	1444.6	1396.7
1353.0	20°	1380.1	1407.3	1444.5	1481.8	1501.6	1521.4	1514.8	1508.2	1458.4	1408.5
1249.7	22.5°	1283.7	1317.6	1372.4	1427.2	1468.2	1509.2	1517.8	1526.4	1475.4	1424.5
1166.7	25°	1202.2	1237.9	1304.5	1371.0	1433.3	1495.5	1522.6	1549.7	1499.8	1449.9
1101.9	27.5°	1137.0	1172.1	1245.8	1319.6	1402.0	1484.5	1532.9	1581.4	1533.8	1486.1
1057.9	30°	1090.4	1123.0	1199.8	1276.7	1378.2	1479.7	1551.9	1624.1	1578.1	1532.1
1051.5	32.5°	1077.1	1102.7	1174.9	1247.1	1361.9	1476.8	1575.6	1674.5	1628.9	1583.4
1142.2	35°	1148.2	1154.2	1204.3	1254.5	1374.1	1493.8	1614.7	1735.7	1692.2	1648.5
1384.7	37.5°	1357.4	1330.2	1333.4	1336.7	1445.4	1554.2	1696.5	1838.9	1783.3	1727.7
1770.0	40°	1703.8	1637.5	1580.4	1523.4	1604.2	1685.1	1839.9	1994.7	1913.7	1832.7
2291.1	42.5°	2170.6	2050.1	1925.5	1801.0	1847.6	1894.2	2047.8	2201.4	2084.5	1967.5
2934.6	45°	2736.5	2538.5	2339.0	2139.5	2160.1	2180.6	2318.7	2456.6	2298.9	2141.2
3654.2	47.5°	3364.3	3074.5	2786.8	2499.0	2503.2	2507.3	2641.6	2775.8	2553.8	2331.8
4371.0	50°	3988.4	3605.7	3234.9	2864.0	2863.3	2862.6	3028.4	3194.2	2859.5	2524.8
5065.1	52.5°	4591.7	4118.3	3675.3	3232.3	3252.6	3272.9	3473.6	3674.4	3180.6	2686.8
5745.6	55°	5181.2	4616.8	4123.8	3630.7	3709.9	3789.0	3987.3	4185.7	3465.3	2745.0
6391.5	57.5°	5752.2	5112.9	4615.1	4117.3	4276.0	4434.7	4542.7	4650.7	3667.1	2683.4
7184.3	60°	6499.8	5815.4	5344.3	4873.2	5070.3	5267.4	5099.5	4931.8	3717.5	2503.2
7827.0	62.5°	7175.8	6524.6	6093.0	5661.4	5683.7	5705.9	5247.5	4789.1	3505.2	2221.3
7893.9	65°	7262.5	6631.1	6082.6	5534.1	5449.0	5363.9	4933.7	4503.4	3204.8	1906.2
7430.1	67.5°	6795.9	6161.7	5590.3	5018.9	4979.0	4939.1	4529.9	4120.7	2847.3	1573.9
6700.2	70°	6154.5	5608.8	5097.8	4586.8	4568.9	4551.1	4105.9	3660.9	2457.2	1253.6
5777.1	72.5°	5368.4	4959.7	4559.9	4160.1	4147.3	4134.4	3623.7	3112.9	2034.4	955.9
4769.5	75°	4481.8	4194.0	3883.0	3571.9	3524.4	3477.0	2948.4	2419.7	1549.6	679.5
3732.7	77.5°	3528.7	3324.6	3088.1	2851.6	2783.7	2715.8	2222.3	1728.9	1084.6	440.4
2702.1	80°	2594.9	2487.7	2309.2	2130.6	2046.2	1961.8	1546.7	1131.5	698.8	266.1
1749.3	82.5°	1704.6	1659.9	1537.0	1414.1	1319.7	1225.4	941.6	657.8	404.4	151.2
1003.8	85°	978.4	953.1	852.1	751.1	670.9	590.7	440.0	289.4	181.9	74.5
385.7	87.5°	383.5	381.4	330.9	280.4	235.6	190.8	140.2	89.6	59.6	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1140.3	2.5°	1130.8	1121.2	1111.7	1102.5	1093.3	1084.4	1074.6	1066.6	1058.6	1051.4
1196.4	5°	1176.7	1156.8	1137.0	1118.4	1099.9	1082.4	1065.1	1050.0	1034.9	1022.2
1248.6	7.5°	1218.4	1189.0	1159.7	1133.8	1107.9	1084.0	1061.7	1041.6	1021.5	1004.9
1289.3	10°	1249.5	1213.8	1178.1	1147.5	1116.8	1087.4	1063.3	1042.2	1021.0	1004.3
1317.3	12.5°	1272.2	1230.1	1188.0	1153.4	1118.7	1087.8	1065.4	1048.1	1030.8	1019.7
1334.8	15°	1285.8	1237.4	1188.9	1148.8	1108.7	1074.4	1056.5	1048.2	1040.0	1041.5
1343.2	17.5°	1289.8	1233.5	1177.2	1129.0	1080.8	1040.5	1029.4	1032.5	1035.5	1053.7
1349.8	20°	1291.0	1222.8	1154.7	1094.9	1035.2	988.2	985.3	999.4	1013.6	1045.2
1358.6	22.5°	1292.7	1209.7	1126.8	1054.9	982.9	929.4	935.1	956.1	977.1	1013.1
1374.6	25°	1299.3	1196.8	1094.4	1010.2	925.9	871.1	886.5	910.7	934.9	967.2
1399.6	27.5°	1313.0	1188.2	1063.4	969.3	875.1	825.3	844.0	867.3	890.7	917.3
1432.0	30°	1331.8	1184.2	1036.4	935.1	833.8	791.9	806.6	825.1	843.7	865.8
1465.8	32.5°	1348.1	1179.2	1010.2	905.6	801.1	767.3	773.9	784.8	795.8	813.4
1504.3	35°	1360.0	1169.7	979.6	876.7	773.8	745.7	743.0	746.0	749.0	762.5
1547.4	37.5°	1367.1	1153.6	940.1	842.6	745.0	720.5	710.5	707.2	703.9	713.5
1602.1	40°	1371.5	1131.4	891.3	801.9	712.5	690.3	675.0	667.5	660.0	666.9
1673.8	42.5°	1380.0	1108.5	837.1	757.1	677.0	656.5	637.3	627.3	617.3	623.0
1768.0	45°	1394.9	1087.2	779.6	709.4	639.2	618.4	599.8	590.1	580.4	585.1
1868.5	47.5°	1405.1	1069.6	734.1	671.7	609.2	582.3	566.4	558.2	550.0	554.5
1961.6	50°	1398.4	1050.4	702.5	646.6	590.8	555.5	536.9	529.7	522.5	529.5
2022.1	52.5°	1357.4	1018.1	678.8	630.1	581.5	540.9	515.0	507.8	500.7	511.2
2008.8	55°	1272.6	964.4	656.2	618.2	580.1	542.3	503.3	491.9	480.7	495.6
1915.0	57.5°	1146.5	888.7	630.9	604.0	577.1	543.8	496.3	479.8	463.3	479.4
1740.3	60°	977.5	790.5	603.5	582.3	561.2	539.2	489.7	468.3	446.9	461.0
1504.2	62.5°	787.1	672.9	558.7	544.7	530.7	528.0	482.0	455.3	428.6	437.5
1263.3	65°	620.4	567.1	513.8	507.2	500.5	500.9	465.9	437.4	409.0	412.4
1027.2	67.5°	480.5	465.4	450.2	453.9	457.6	456.7	437.0	413.4	389.7	388.6
808.8	70°	364.0	368.3	372.6	389.8	406.9	406.9	400.4	383.6	366.8	363.0
618.3	72.5°	280.8	293.8	306.9	331.2	355.5	359.6	359.7	348.1	336.6	331.1
448.8	75°	218.0	229.8	241.7	268.9	296.2	315.0	313.4	304.6	295.6	290.4
304.1	77.5°	167.8	175.9	184.0	210.4	236.9	267.9	267.1	260.0	252.9	247.5
195.9	80°	125.8	129.2	132.5	154.9	177.3	214.4	214.3	208.3	202.3	197.8
120.5	82.5°	89.9	90.5	91.2	107.7	124.2	155.8	157.6	154.7	151.8	148.6
64.4	85°	54.4	54.1	53.8	65.8	77.9	101.5	103.8	100.6	97.5	94.0
26.7	87.5°	23.8	23.5	23.3	28.2	33.1	42.9	45.8	44.6	43.3	42.7
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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 CATALOG NUMBER: GALN-SB1C-750-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1044.2	2.5°	1037.9	1031.7	1025.3	1019.0	1014.2	1009.2	1005.3	1001.3	998.2	995.1
1009.6	5°	998.4	987.2	977.1	966.9	959.1	951.3	945.9	940.4	936.5	932.6
988.2	7.5°	974.1	960.1	947.6	935.3	926.0	916.7	910.2	903.7	899.3	894.9
987.6	10°	972.5	957.4	943.4	929.4	918.4	907.2	900.0	892.6	888.4	884.2
1008.7	12.5°	996.8	985.0	970.5	956.1	941.9	927.8	918.4	909.0	904.3	899.6
1043.0	15°	1039.9	1036.8	1024.3	1011.7	991.6	971.4	957.1	942.9	936.4	929.9
1071.8	17.5°	1081.5	1091.1	1081.0	1070.9	1044.2	1017.5	996.5	975.5	965.8	956.1
1076.7	20°	1096.9	1117.2	1112.5	1107.8	1077.2	1046.7	1021.0	995.3	982.9	970.5
1049.2	22.5°	1075.4	1101.7	1104.6	1107.4	1078.2	1049.0	1022.5	996.0	982.9	969.9
999.6	25°	1025.5	1051.4	1061.1	1070.7	1046.8	1022.9	999.3	975.8	964.5	953.2
943.9	27.5°	964.6	985.4	996.1	1006.9	989.9	972.9	954.6	936.3	928.7	921.1
887.9	30°	905.1	922.4	931.1	939.9	926.9	913.9	900.8	887.6	883.8	879.9
831.1	32.5°	847.6	864.1	873.8	883.6	871.7	859.7	849.3	838.8	836.3	833.7
775.9	35°	792.2	808.6	820.3	831.9	823.4	815.0	805.3	795.7	791.8	788.0
723.2	37.5°	739.5	755.8	770.2	784.6	780.7	776.8	767.9	759.0	752.0	745.0
673.9	40°	689.6	705.4	722.0	738.6	739.5	740.5	732.9	725.4	715.1	705.0
628.7	42.5°	643.6	658.6	676.5	694.4	699.2	704.0	697.6	691.3	678.6	665.9
590.0	45°	604.1	618.3	636.9	655.5	662.3	669.2	663.5	657.8	643.2	628.7
559.0	47.5°	572.9	586.7	605.0	623.4	631.3	639.2	635.2	631.2	618.3	605.4
536.5	50°	549.6	562.6	579.0	595.5	605.6	615.8	615.5	615.4	605.0	594.7
521.7	52.5°	533.7	545.7	561.0	576.3	588.3	600.4	602.5	604.7	596.3	587.9
510.5	55°	523.5	536.4	549.8	563.2	575.9	588.7	591.7	594.7	587.4	580.0
495.4	57.5°	510.6	525.8	539.0	552.3	565.2	578.0	581.1	584.1	576.7	569.3
475.1	60°	492.5	510.0	523.4	536.9	549.8	562.7	566.1	569.4	562.2	555.0
446.5	62.5°	466.8	487.1	501.5	515.9	527.7	539.5	542.7	546.0	539.4	532.9
415.9	65°	437.6	459.4	473.2	486.9	497.3	507.7	511.0	514.3	508.0	501.7
387.5	67.5°	407.6	427.7	440.8	453.8	462.8	471.8	475.0	478.2	472.4	466.6
359.3	70°	376.9	394.6	405.9	417.1	425.2	433.4	436.4	439.5	434.8	430.1
325.6	72.5°	339.6	353.4	363.6	373.8	381.7	389.7	393.4	397.0	393.1	389.2
285.1	75°	295.4	305.8	315.0	324.2	331.4	338.7	342.5	346.4	344.4	342.5
242.2	77.5°	250.6	259.0	266.9	274.8	282.4	290.0	293.6	297.2	294.5	291.8
193.3	80°	200.3	207.3	214.0	220.6	226.4	232.2	236.9	241.7	240.5	239.4
145.4	82.5°	144.8	144.3	141.9	139.6	151.9	164.3	172.3	180.4	179.9	179.4
90.4	85°	87.4	84.4	77.9	71.5	83.0	94.6	104.6	114.6	113.8	112.9
42.0	87.5°	41.9	41.8	36.8	31.9	36.7	41.6	45.6	49.7	48.7	47.6
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
992.3	2.5°	989.4	985.9	989.4	992.3	995.1	998.2	1001.3	1005.3	1009.2	1014.2
929.7	5°	926.7	923.8	926.7	929.7	932.6	936.5	940.4	945.9	951.3	959.1
892.2	7.5°	889.6	887.6	889.6	892.2	894.9	899.3	903.7	910.2	916.7	926.0
882.0	10°	879.7	878.8	879.7	882.0	884.2	888.4	892.6	900.0	907.2	918.4
897.7	12.5°	895.8	895.5	895.8	897.7	899.6	904.3	909.0	918.4	927.8	941.9
927.4	15°	924.9	924.6	924.9	927.4	929.9	936.4	942.9	957.1	971.4	991.6
952.9	17.5°	949.7	949.2	949.7	952.9	956.1	965.8	975.5	996.5	1017.5	1044.2
966.5	20°	962.6	961.3	962.6	966.5	970.5	982.9	995.3	1021.0	1046.7	1077.2
965.5	22.5°	961.1	959.2	961.1	965.5	969.9	982.9	996.0	1022.5	1049.0	1078.2
949.1	25°	945.0	942.6	945.0	949.1	953.2	964.5	975.8	999.3	1022.9	1046.8
919.2	27.5°	917.4	916.7	917.4	919.2	921.1	928.7	936.3	954.6	972.9	989.9
879.9	30°	879.9	880.5	879.9	879.9	879.9	883.8	887.6	900.8	913.9	926.9
834.1	32.5°	834.4	835.1	834.4	834.1	833.7	836.3	838.8	849.3	859.7	871.7
787.1	35°	786.3	785.9	786.3	787.1	788.0	791.8	795.7	805.3	815.0	823.4
741.3	37.5°	737.5	735.5	737.5	741.3	745.0	752.0	759.0	767.9	776.8	780.7
698.0	40°	691.2	687.1	691.2	698.0	705.0	715.1	725.4	732.9	740.5	739.5
655.8	42.5°	645.8	639.2	645.8	655.8	665.9	678.6	691.3	697.6	704.0	699.2
616.9	45°	605.1	597.5	605.1	616.9	628.7	643.2	657.8	663.5	669.2	662.3
594.5	47.5°	583.6	576.3	583.6	594.5	605.4	618.3	631.2	635.2	639.2	631.3
584.6	50°	574.5	567.5	574.5	584.6	594.7	605.0	615.4	615.5	615.8	605.6
578.8	52.5°	569.8	563.4	569.8	578.8	587.9	596.3	604.7	602.5	600.4	588.3
572.1	55°	564.2	558.4	564.2	572.1	580.0	587.4	594.7	591.7	588.7	575.9
561.5	57.5°	553.6	547.5	553.6	561.5	569.3	576.7	584.1	581.1	578.0	565.2
546.9	60°	538.8	532.5	538.8	546.9	555.0	562.2	569.4	566.1	562.7	549.8
524.4	62.5°	515.9	508.4	515.9	524.4	532.9	539.4	546.0	542.7	539.5	527.7
493.4	65°	485.2	478.8	485.2	493.4	501.7	508.0	514.3	511.0	507.7	497.3
458.9	67.5°	451.3	445.4	451.3	458.9	466.6	472.4	478.2	475.0	471.8	462.8
422.8	70°	415.4	408.8	415.4	422.8	430.1	434.8	439.5	436.4	433.4	425.2
382.2	72.5°	375.2	368.8	375.2	382.2	389.2	393.1	397.0	393.4	389.7	381.7
336.6	75°	330.8	324.6	330.8	336.6	342.5	344.4	346.4	342.5	338.7	331.4
285.9	77.5°	279.9	275.0	279.9	285.9	291.8	294.5	297.2	293.6	290.0	282.4
231.4	80°	223.4	214.2	223.4	231.4	239.4	240.5	241.7	236.9	232.2	226.4
172.7	82.5°	165.9	160.0	165.9	172.7	179.4	179.9	180.4	172.3	164.3	151.9
107.7	85°	102.4	97.1	102.4	107.7	112.9	113.8	114.6	104.6	94.6	83.0
44.9	87.5°	42.2	39.6	42.2	44.9	47.6	48.7	49.7	45.6	41.6	36.7
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1019.0	2.5°	1025.3	1031.7	1037.9	1044.2	1051.4	1058.6	1066.6	1074.6	1084.4	1093.3
966.9	5°	977.1	987.2	998.4	1009.6	1022.2	1034.9	1050.0	1065.1	1082.4	1099.9
935.3	7.5°	947.6	960.1	974.1	988.2	1004.9	1021.5	1041.6	1061.7	1084.0	1107.9
929.4	10°	943.4	957.4	972.5	987.6	1004.3	1021.0	1042.2	1063.3	1087.4	1116.8
956.1	12.5°	970.5	985.0	996.8	1008.7	1019.7	1030.8	1048.1	1065.4	1087.8	1118.7
1011.7	15°	1024.3	1036.8	1039.9	1043.0	1041.5	1040.0	1048.2	1056.5	1074.4	1108.7
1070.9	17.5°	1081.0	1091.1	1081.5	1071.8	1053.7	1035.5	1032.5	1029.4	1040.5	1080.8
1107.8	20°	1112.5	1117.2	1096.9	1076.7	1045.2	1013.6	999.4	985.3	988.2	1035.2
1107.4	22.5°	1104.6	1101.7	1075.4	1049.2	1013.1	977.1	956.1	935.1	929.4	982.9
1070.7	25°	1061.1	1051.4	1025.5	999.6	967.2	934.9	910.7	886.5	871.1	925.9
1006.9	27.5°	996.1	985.4	964.6	943.9	917.3	890.7	867.3	844.0	825.3	875.1
939.9	30°	931.1	922.4	905.1	887.9	865.8	843.7	825.1	806.6	791.9	833.8
883.6	32.5°	873.8	864.1	847.6	831.1	813.4	795.8	784.8	773.9	767.3	801.1
831.9	35°	820.3	808.6	792.2	775.9	762.5	749.0	746.0	743.0	745.7	773.8
784.6	37.5°	770.2	755.8	739.5	723.2	713.5	703.9	707.2	710.5	720.5	745.0
738.6	40°	722.0	705.4	689.6	673.9	666.9	660.0	667.5	675.0	690.3	712.5
694.4	42.5°	676.5	658.6	643.6	628.7	623.0	617.3	627.3	637.3	656.5	677.0
655.5	45°	636.9	618.3	604.1	590.0	585.1	580.4	590.1	599.8	618.4	639.2
623.4	47.5°	605.0	586.7	572.9	559.0	554.5	550.0	558.2	566.4	582.3	609.2
595.5	50°	579.0	562.6	549.6	536.5	529.5	522.5	529.7	536.9	555.5	590.8
576.3	52.5°	561.0	545.7	533.7	521.7	511.2	500.7	507.8	515.0	540.9	581.5
563.2	55°	549.8	536.4	523.5	510.5	495.6	480.7	491.9	503.3	542.3	580.1
552.3	57.5°	539.0	525.8	510.6	495.4	479.4	463.3	479.8	496.3	543.8	577.1
536.9	60°	523.4	510.0	492.5	475.1	461.0	446.9	468.3	489.7	539.2	561.2
515.9	62.5°	501.5	487.1	466.8	446.5	437.5	428.6	455.3	482.0	528.0	530.7
486.9	65°	473.2	459.4	437.6	415.9	412.4	409.0	437.4	465.9	500.9	500.5
453.8	67.5°	440.8	427.7	407.6	387.5	388.6	389.7	413.4	437.0	456.7	457.6
417.1	70°	405.9	394.6	376.9	359.3	363.0	366.8	383.6	400.4	406.9	406.9
373.8	72.5°	363.6	353.4	339.6	325.6	331.1	336.6	348.1	359.7	359.6	355.5
324.2	75°	315.0	305.8	295.4	285.1	290.4	295.6	304.6	313.4	315.0	296.2
274.8	77.5°	266.9	259.0	250.6	242.2	247.5	252.9	260.0	267.1	267.9	236.9
220.6	80°	214.0	207.3	200.3	193.3	197.8	202.3	208.3	214.3	214.4	177.3
139.6	82.5°	141.9	144.3	144.8	145.4	148.6	151.8	154.7	157.6	155.8	124.2
71.5	85°	77.9	84.4	87.4	90.4	94.0	97.5	100.6	103.8	101.5	77.9
31.9	87.5°	36.8	41.8	41.9	42.0	42.7	43.3	44.6	45.8	42.9	33.1
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°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1102.5	2.5°	1111.7	1121.2	1130.8	1140.3	1149.9	1158.8	1167.8
1118.4	5°	1137.0	1156.8	1176.7	1196.4	1216.1	1235.9	1255.7
1133.8	7.5°	1159.7	1189.0	1218.4	1248.6	1278.8	1311.4	1344.0
1147.5	10°	1178.1	1213.8	1249.5	1289.3	1329.2	1370.5	1411.8
1153.4	12.5°	1188.0	1230.1	1272.2	1317.3	1362.5	1407.8	1453.2
1148.8	15°	1188.9	1237.4	1285.8	1334.8	1383.8	1431.1	1478.4
1129.0	17.5°	1177.2	1233.5	1289.8	1343.2	1396.7	1444.6	1492.6
1094.9	20°	1154.7	1222.8	1291.0	1349.8	1408.5	1458.4	1508.2
1054.9	22.5°	1126.8	1209.7	1292.7	1358.6	1424.5	1475.4	1526.4
1010.2	25°	1094.4	1196.8	1299.3	1374.6	1449.9	1499.8	1549.7
969.3	27.5°	1063.4	1188.2	1313.0	1399.6	1486.1	1533.8	1581.4
935.1	30°	1036.4	1184.2	1331.8	1432.0	1532.1	1578.1	1624.1
905.6	32.5°	1010.2	1179.2	1348.1	1465.8	1583.4	1628.9	1674.5
876.7	35°	979.6	1169.7	1360.0	1504.3	1648.5	1692.2	1735.7
842.6	37.5°	940.1	1153.6	1367.1	1547.4	1727.7	1783.3	1838.9
801.9	40°	891.3	1131.4	1371.5	1602.1	1832.7	1913.7	1994.7
757.1	42.5°	837.1	1108.5	1380.0	1673.8	1967.5	2084.5	2201.4
709.4	45°	779.6	1087.2	1394.9	1768.0	2141.2	2298.9	2456.6
671.7	47.5°	734.1	1069.6	1405.1	1868.5	2331.8	2553.8	2775.8
646.6	50°	702.5	1050.4	1398.4	1961.6	2524.8	2859.5	3194.2
630.1	52.5°	678.8	1018.1	1357.4	2022.1	2686.8	3180.6	3674.4
618.2	55°	656.2	964.4	1272.6	2008.8	2745.0	3465.3	4185.7
604.0	57.5°	630.9	888.7	1146.5	1915.0	2683.4	3667.1	4650.7
582.3	60°	603.5	790.5	977.5	1740.3	2503.2	3717.5	4931.8
544.7	62.5°	558.7	672.9	787.1	1504.2	2221.3	3505.2	4789.1
507.2	65°	513.8	567.1	620.4	1263.3	1906.2	3204.8	4503.4
453.9	67.5°	450.2	465.4	480.5	1027.2	1573.9	2847.3	4120.7
389.8	70°	372.6	368.3	364.0	808.8	1253.6	2457.2	3660.9
331.2	72.5°	306.9	293.8	280.8	618.3	955.9	2034.4	3112.9
268.9	75°	241.7	229.8	218.0	448.8	679.5	1549.6	2419.7
210.4	77.5°	184.0	175.9	167.8	304.1	440.4	1084.6	1728.9
154.9	80°	132.5	129.2	125.8	195.9	266.1	698.8	1131.5
107.7	82.5°	91.2	90.5	89.9	120.5	151.2	404.4	657.8
65.8	85°	53.8	54.1	54.4	64.4	74.5	181.9	289.4
28.2	87.5°	23.3	23.5	23.8	26.7	29.6	59.6	89.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)