

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: P950554

Luminaire Tested: **GALN-SB5A-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950554
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-SB5A-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18652 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 141.7
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

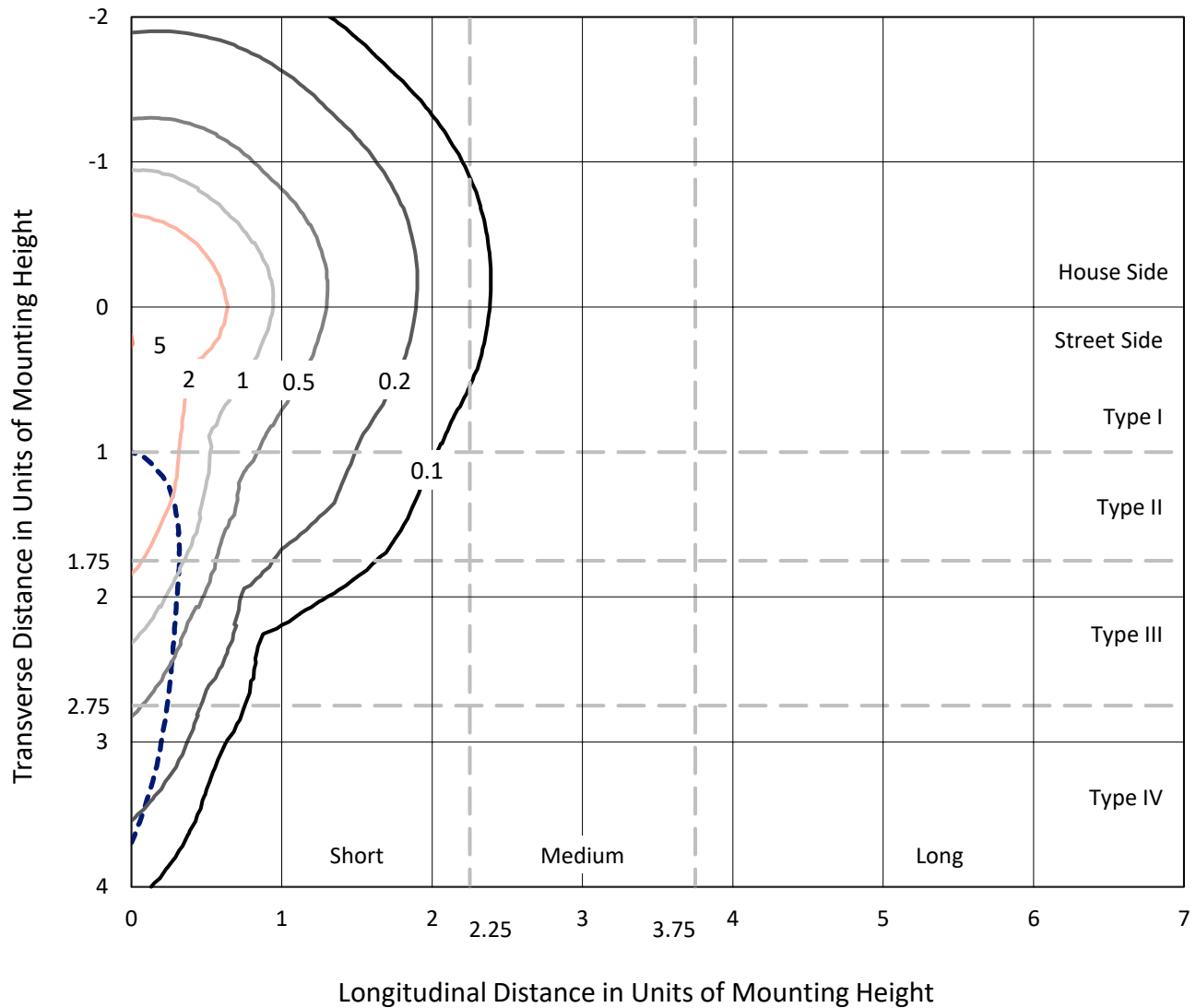


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Iso-Footcandle Lines of Horizontal Illumination

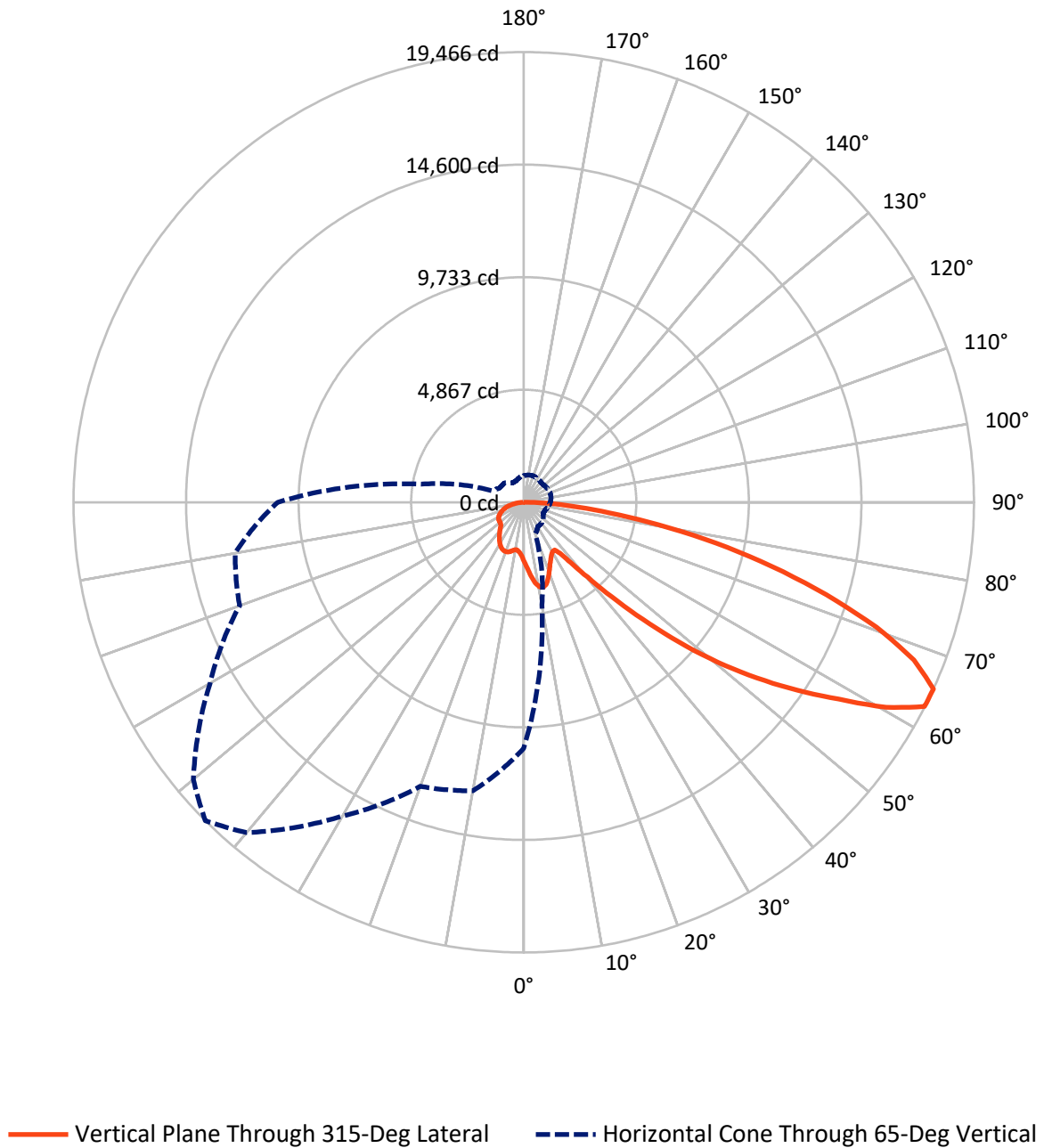
× Max cd
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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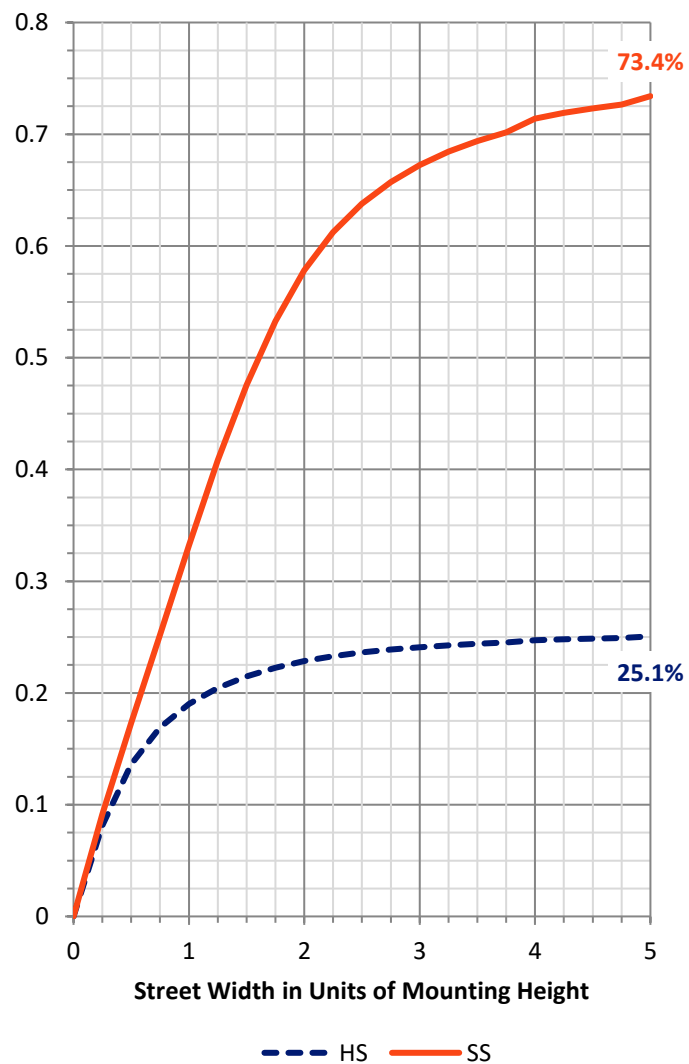
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4740.4	0.0	4740.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	13911.6	0.0	13911.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	18652.0	0.0	18652.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	254.4	1.4
10°-20°	798.7	4.3
20°-30°	1233.7	6.6
30°-40°	1563.4	8.4
40°-50°	2358.0	12.6
50°-60°	3809.8	20.4
60°-70°	4749.5	25.5
70°-80°	3114.5	16.7
80°-90°	770.0	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°	18652.0	100.0
0°-180°	18652.0	100.0

Coefficient of Utilization



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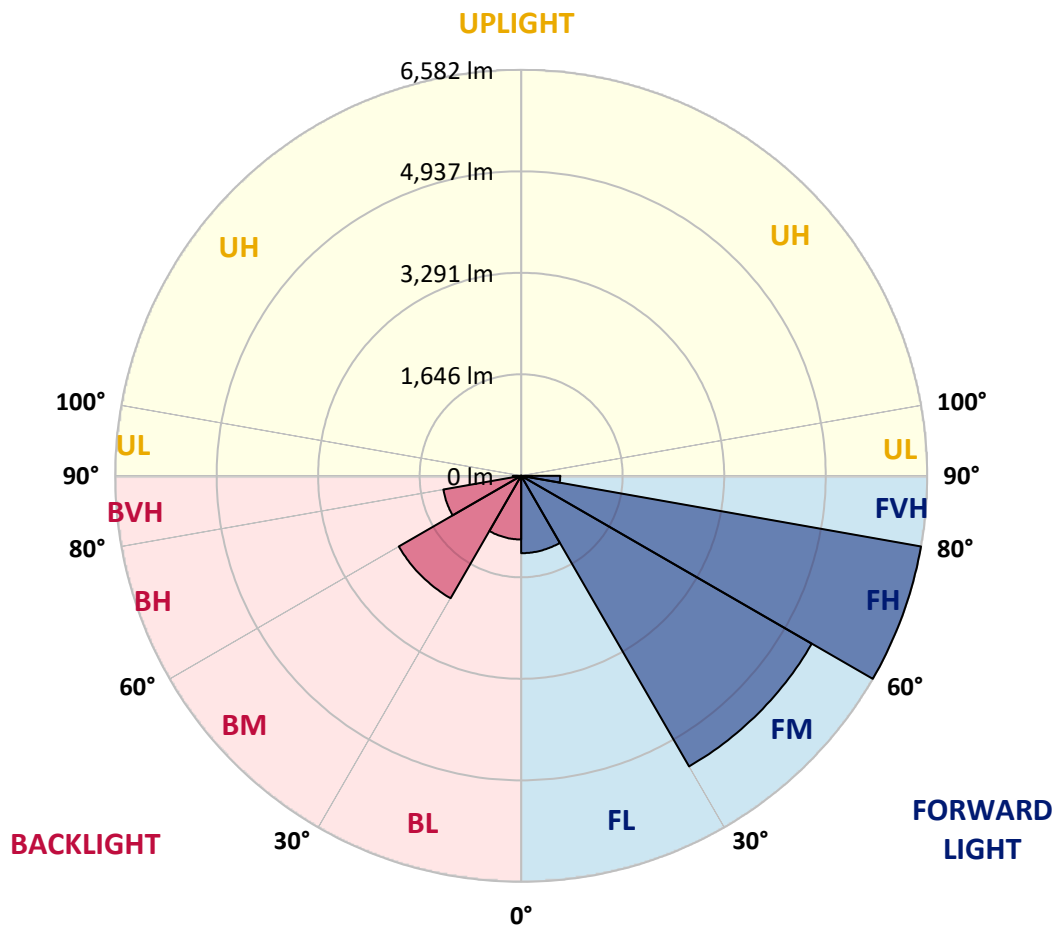
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1254.6	6.7			
FM	(30°-60°)	5440.4	29.2			
FH	(60°-80°)	6582.4	35.3			G3/7500
FVH	(80°-90°)	634.3	3.4			G4/750
BL	(0°-30°)	1032.3	5.5	B3/2500		
BM	(30°-60°)	2290.8	12.3	B2/2500		
BH	(60°-80°)	1281.6	6.9	B3/2500		G3/2500
BVH	(80°-90°)	135.7	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2758.2	2737.0	2715.9	2693.3	2670.9	2648.3	2625.6	2604.0	2582.3	2561.4	2538.0
5°	2965.9	2919.1	2872.4	2825.7	2779.2	2732.2	2685.4	2641.6	2597.8	2556.4	2515.6
7.5°	3174.5	3097.4	3020.3	2949.0	2877.8	2808.4	2739.0	2677.9	2616.8	2560.4	2507.5
10°	3334.5	3236.9	3139.4	3045.2	2951.1	2866.9	2782.5	2710.3	2637.8	2568.3	2511.5
12.5°	3432.4	3325.2	3218.1	3111.4	3004.7	2905.3	2805.9	2724.2	2642.4	2569.2	2516.4
15°	3491.9	3380.2	3268.5	3152.8	3037.0	2922.6	2808.1	2713.4	2618.7	2537.7	2495.4
17.5°	3525.4	3412.1	3298.8	3172.6	3046.3	2913.4	2780.5	2666.7	2552.8	2457.5	2431.5
20°	3562.3	3444.6	3326.8	3188.0	3049.2	2888.2	2727.2	2586.1	2444.9	2334.0	2327.1
22.5°	3605.1	3484.8	3364.5	3208.9	3053.2	2857.3	2661.5	2491.5	2321.5	2195.2	2208.7
25°	3660.2	3542.3	3424.5	3246.7	3068.7	2826.8	2585.0	2385.9	2186.9	2057.5	2093.9
27.5°	3735.0	3622.6	3510.1	3305.7	3101.2	2806.4	2511.7	2289.3	2067.0	1949.2	1993.5
30°	3835.9	3727.2	3618.7	3382.2	3145.7	2796.9	2447.9	2208.6	1969.4	1870.5	1905.2
32.5°	3955.0	3847.4	3739.9	3462.0	3184.1	2785.1	2385.9	2139.0	1892.1	1812.4	1827.8
35°	4099.7	3996.7	3893.7	3552.9	3212.2	2762.8	2313.6	2070.6	1827.6	1761.2	1754.8
37.5°	4343.2	4212.0	4080.7	3654.8	3228.9	2724.7	2220.5	1990.1	1759.7	1701.7	1678.2
40°	4711.3	4520.0	4328.7	3784.1	3239.5	2672.3	2105.2	1894.1	1683.0	1630.3	1594.4
42.5°	5199.5	4923.3	4647.2	3953.3	3259.5	2618.2	1977.0	1788.1	1599.1	1550.6	1505.3
45°	5802.3	5429.8	5057.3	4175.9	3294.6	2567.9	1841.2	1675.5	1509.8	1460.5	1416.7
47.5°	6556.2	6031.9	5507.6	4413.1	3318.7	2526.3	1734.0	1586.4	1438.9	1375.4	1337.7
50°	7544.3	6753.9	5963.4	4633.2	3303.0	2481.1	1659.2	1527.3	1395.4	1311.9	1268.1
52.5°	8678.6	7512.4	6346.1	4776.1	3206.0	2404.6	1603.3	1488.3	1373.4	1277.5	1216.3
55°	9886.2	8184.8	6483.4	4744.6	3005.7	2277.8	1549.9	1460.1	1370.2	1280.9	1188.7
57.5°	10984.6	8661.3	6338.0	4523.0	2708.0	2099.1	1490.1	1426.6	1363.1	1284.4	1172.2
60°	11648.4	8780.4	5912.3	4110.5	2308.7	1867.0	1425.3	1375.4	1325.5	1273.5	1156.6
62.5°	11311.3	8278.9	5246.5	3552.7	1858.9	1589.3	1319.6	1286.4	1253.4	1247.0	1138.5
65°	10636.7	7569.4	4502.2	2983.7	1465.3	1339.4	1213.5	1197.9	1182.2	1183.0	1100.3
67.5°	9732.7	6725.1	3717.5	2426.2	1135.0	1099.2	1063.4	1072.2	1080.8	1078.7	1032.2
70°	8646.6	5803.8	2960.9	1910.3	859.7	869.9	880.1	920.6	961.1	961.1	945.8
72.5°	7352.4	4805.0	2257.7	1460.4	663.2	694.0	724.9	782.3	839.7	849.4	849.6
75°	5715.2	3660.1	1605.0	1060.0	514.9	542.9	570.8	635.2	699.6	744.1	740.3
77.5°	4083.4	2561.8	1040.1	718.3	396.4	415.4	434.5	497.0	559.5	632.8	630.9
80°	2672.6	1650.5	628.4	462.8	297.2	305.1	313.0	365.9	418.8	506.4	506.1
82.5°	1553.6	955.3	357.1	284.6	212.4	213.8	215.3	254.3	293.3	368.1	372.2
85°	683.5	429.7	176.0	152.2	128.4	127.7	127.0	155.5	184.0	239.7	245.1
87.5°	211.6	140.7	69.9	63.1	56.3	55.6	54.9	66.5	78.2	101.4	108.3
90°	0.0	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2519.1	2500.3	2483.3	2466.4	2451.5	2436.7	2421.7	2406.8	2395.3	2383.7	2374.4
5°	2480.0	2444.2	2414.3	2384.5	2358.1	2331.8	2307.8	2283.8	2265.4	2246.9	2234.0
7.5°	2460.1	2412.8	2373.4	2334.0	2300.8	2267.6	2238.3	2209.0	2187.1	2165.2	2149.9
10°	2461.5	2411.5	2372.1	2332.7	2297.0	2261.2	2228.2	2195.2	2169.1	2142.8	2125.7
12.5°	2475.4	2434.7	2408.5	2382.5	2354.4	2326.4	2292.3	2258.2	2224.8	2191.3	2169.2
15°	2475.8	2456.4	2459.9	2463.4	2456.2	2448.9	2419.2	2389.6	2342.0	2294.4	2260.7
17.5°	2438.6	2445.7	2488.6	2531.5	2554.4	2577.1	2553.2	2529.4	2466.3	2403.2	2353.6
20°	2360.6	2394.1	2468.6	2543.2	2590.9	2638.6	2627.6	2616.5	2544.3	2472.3	2411.5
22.5°	2258.2	2307.7	2392.8	2478.0	2540.1	2602.2	2608.9	2615.5	2546.6	2477.7	2415.1
25°	2151.0	2208.0	2284.5	2361.1	2422.2	2483.3	2506.2	2528.9	2472.4	2416.0	2360.3
27.5°	2048.6	2103.7	2166.6	2229.4	2278.4	2327.4	2352.8	2378.3	2338.1	2297.9	2254.7
30°	1948.9	1992.8	2045.0	2097.1	2137.8	2178.5	2199.2	2219.9	2189.2	2158.5	2127.6
32.5°	1853.7	1879.6	1921.2	1963.0	2001.9	2041.0	2064.0	2087.0	2058.8	2030.6	2005.9
35°	1761.9	1769.1	1800.9	1832.6	1871.2	1909.8	1937.4	1964.9	1944.9	1924.9	1902.1
37.5°	1670.4	1662.5	1685.3	1708.1	1746.6	1785.1	1819.2	1853.2	1844.0	1834.7	1813.8
40°	1576.6	1558.8	1575.2	1591.6	1628.8	1666.0	1705.2	1744.5	1746.7	1748.9	1731.1
42.5°	1481.7	1458.1	1471.5	1485.0	1520.2	1555.5	1597.8	1640.2	1651.5	1662.8	1647.7
45°	1393.7	1370.8	1382.0	1393.4	1426.9	1460.3	1504.2	1548.1	1564.4	1580.6	1567.0
47.5°	1318.4	1299.1	1309.8	1320.3	1353.1	1385.7	1429.1	1472.4	1491.1	1509.8	1500.3
50°	1251.0	1234.0	1250.5	1267.2	1298.1	1328.9	1367.6	1406.4	1430.4	1454.4	1453.9
52.5°	1199.3	1182.5	1207.4	1232.2	1260.6	1288.8	1324.9	1361.1	1389.6	1418.0	1423.1
55°	1161.9	1135.3	1170.6	1205.8	1236.3	1266.9	1298.5	1330.1	1360.3	1390.5	1397.6
57.5°	1133.2	1094.2	1132.2	1170.2	1206.0	1241.9	1273.2	1304.5	1335.0	1365.3	1372.5
60°	1106.1	1055.5	1088.9	1122.2	1163.3	1204.5	1236.2	1268.1	1298.6	1329.2	1337.0
62.5°	1075.3	1012.2	1033.4	1054.6	1102.5	1150.5	1184.5	1218.4	1246.4	1274.3	1281.9
65°	1033.2	966.0	974.2	982.2	1033.6	1085.1	1117.6	1150.0	1174.6	1199.2	1207.0
67.5°	976.3	920.4	917.9	915.3	962.7	1010.3	1041.1	1071.8	1093.0	1114.3	1121.9
70°	906.0	866.3	857.4	848.6	890.3	932.0	958.6	985.2	1004.4	1023.6	1030.8
72.5°	822.3	795.0	782.0	769.1	802.0	834.8	858.8	882.8	901.6	920.4	929.1
75°	719.3	698.3	685.9	673.4	697.8	722.2	744.0	765.7	782.8	800.0	809.0
77.5°	614.0	597.2	584.6	572.0	591.9	611.7	630.4	649.1	667.1	685.0	693.5
80°	492.0	477.8	467.3	456.7	473.2	489.6	505.4	521.1	534.8	548.4	559.6
82.5°	365.3	358.4	351.0	343.5	342.1	340.7	335.2	329.7	358.8	388.0	407.1
85°	237.7	230.3	221.9	213.6	206.5	199.3	184.0	168.8	196.1	223.4	247.0
87.5°	105.3	102.4	100.8	99.2	98.9	98.6	87.0	75.3	86.7	98.2	107.8
90°	0.0	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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2365.0	2357.7	2350.5	2343.8	2337.0	2328.6	2337.0	2343.8	2350.5	2357.7	2365.0
5°	2221.1	2212.0	2202.8	2195.8	2188.8	2182.0	2188.8	2195.8	2202.8	2212.0	2221.1
7.5°	2134.5	2124.0	2113.6	2107.3	2101.1	2096.3	2101.1	2107.3	2113.6	2124.0	2134.5
10°	2108.3	2098.4	2088.5	2083.1	2077.8	2075.7	2077.8	2083.1	2088.5	2098.4	2108.3
12.5°	2147.0	2135.9	2124.9	2120.3	2115.8	2115.0	2115.8	2120.3	2124.9	2135.9	2147.0
15°	2227.0	2211.6	2196.2	2190.3	2184.4	2183.9	2184.4	2190.3	2196.2	2211.6	2227.0
17.5°	2304.0	2281.2	2258.2	2250.8	2243.2	2242.0	2243.2	2250.8	2258.2	2281.2	2304.0
20°	2350.7	2321.5	2292.2	2282.8	2273.5	2270.5	2273.5	2282.8	2292.2	2321.5	2350.7
22.5°	2352.4	2321.6	2290.7	2280.4	2270.0	2265.6	2270.0	2280.4	2290.7	2321.6	2352.4
25°	2304.8	2278.0	2251.3	2241.6	2232.0	2226.2	2232.0	2241.6	2251.3	2278.0	2304.8
27.5°	2211.5	2193.6	2175.6	2171.1	2166.7	2165.2	2166.7	2171.1	2175.6	2193.6	2211.5
30°	2096.5	2087.4	2078.1	2078.1	2078.1	2079.6	2078.1	2078.1	2078.1	2087.4	2096.5
32.5°	1981.2	1975.2	1969.2	1970.0	1970.8	1972.3	1970.8	1970.0	1969.2	1975.2	1981.2
35°	1879.3	1870.2	1861.1	1859.1	1857.2	1856.2	1857.2	1859.1	1861.1	1870.2	1879.3
37.5°	1792.7	1776.1	1759.5	1750.8	1742.0	1737.1	1742.0	1750.8	1759.5	1776.1	1792.7
40°	1713.3	1689.1	1665.1	1648.7	1632.6	1622.9	1632.6	1648.7	1665.1	1689.1	1713.3
42.5°	1632.8	1602.8	1572.7	1549.0	1525.3	1509.8	1525.3	1549.0	1572.7	1602.8	1632.8
45°	1553.6	1519.2	1485.0	1457.1	1429.2	1411.3	1429.2	1457.1	1485.0	1519.2	1553.6
47.5°	1490.9	1460.3	1429.8	1404.1	1378.4	1361.1	1378.4	1404.1	1429.8	1460.3	1490.9
50°	1453.5	1429.1	1404.6	1380.8	1357.0	1340.5	1357.0	1380.8	1404.6	1429.1	1453.5
52.5°	1428.3	1408.4	1388.5	1367.1	1345.9	1330.6	1345.9	1367.1	1388.5	1408.4	1428.3
55°	1404.6	1387.3	1370.0	1351.3	1332.6	1318.8	1332.6	1351.3	1370.0	1387.3	1404.6
57.5°	1379.6	1362.1	1344.6	1326.1	1307.5	1293.2	1307.5	1326.1	1344.6	1362.1	1379.6
60°	1344.9	1327.8	1310.8	1291.7	1272.6	1257.8	1272.6	1291.7	1310.8	1327.8	1344.9
62.5°	1289.5	1274.0	1258.6	1238.5	1218.4	1200.7	1218.4	1238.5	1258.6	1274.0	1289.5
65°	1214.7	1199.8	1185.0	1165.5	1146.1	1130.8	1146.1	1165.5	1185.0	1199.8	1214.7
67.5°	1129.4	1115.7	1102.1	1084.0	1065.9	1052.1	1065.9	1084.0	1102.1	1115.7	1129.4
70°	1038.1	1027.0	1015.9	998.6	981.2	965.5	981.2	998.6	1015.9	1027.0	1038.1
72.5°	937.7	928.5	919.2	902.7	886.3	871.0	886.3	902.7	919.2	928.5	937.7
75°	818.1	813.5	809.0	795.1	781.3	766.7	781.3	795.1	809.0	813.5	818.1
77.5°	701.9	695.6	689.1	675.2	661.2	649.6	661.2	675.2	689.1	695.6	701.9
80°	570.8	568.1	565.4	546.6	527.7	505.9	527.7	546.6	565.4	568.1	570.8
82.5°	426.2	425.0	423.7	407.9	391.9	377.9	391.9	407.9	423.7	425.0	426.2
85°	270.7	268.7	266.7	254.3	241.9	229.3	241.9	254.3	266.7	268.7	270.7
87.5°	117.3	115.0	112.4	106.1	99.6	93.5	99.6	106.1	112.4	115.0	117.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950554

CATALOG NUMBER: GALN-SB5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2374.4	2383.7	2395.3	2406.8	2421.7	2436.7	2451.5	2466.4	2483.3	2500.3	2519.1
5°	2234.0	2246.9	2265.4	2283.8	2307.8	2331.8	2358.1	2384.5	2414.3	2444.2	2480.0
7.5°	2149.9	2165.2	2187.1	2209.0	2238.3	2267.6	2300.8	2334.0	2373.4	2412.8	2460.1
10°	2125.7	2142.8	2169.1	2195.2	2228.2	2261.2	2297.0	2332.7	2372.1	2411.5	2461.5
12.5°	2169.2	2191.3	2224.8	2258.2	2292.3	2326.4	2354.4	2382.5	2408.5	2434.7	2475.4
15°	2260.7	2294.4	2342.0	2389.6	2419.2	2448.9	2456.2	2463.4	2459.9	2456.4	2475.8
17.5°	2353.6	2403.2	2466.3	2529.4	2553.2	2577.1	2554.4	2531.5	2488.6	2445.7	2438.6
20°	2411.5	2472.3	2544.3	2616.5	2627.6	2638.6	2590.9	2543.2	2468.6	2394.1	2360.6
22.5°	2415.1	2477.7	2546.6	2615.5	2608.9	2602.2	2540.1	2478.0	2392.8	2307.7	2258.2
25°	2360.3	2416.0	2472.4	2528.9	2506.2	2483.3	2422.2	2361.1	2284.5	2208.0	2151.0
27.5°	2254.7	2297.9	2338.1	2378.3	2352.8	2327.4	2278.4	2229.4	2166.6	2103.7	2048.6
30°	2127.6	2158.5	2189.2	2219.9	2199.2	2178.5	2137.8	2097.1	2045.0	1992.8	1948.9
32.5°	2005.9	2030.6	2058.8	2087.0	2064.0	2041.0	2001.9	1963.0	1921.2	1879.6	1853.7
35°	1902.1	1924.9	1944.9	1964.9	1937.4	1909.8	1871.2	1832.6	1800.9	1769.1	1761.9
37.5°	1813.8	1834.7	1844.0	1853.2	1819.2	1785.1	1746.6	1708.1	1685.3	1662.5	1670.4
40°	1731.1	1748.9	1746.7	1744.5	1705.2	1666.0	1628.8	1591.6	1575.2	1558.8	1576.6
42.5°	1647.7	1662.8	1651.5	1640.2	1597.8	1555.5	1520.2	1485.0	1471.5	1458.1	1481.7
45°	1567.0	1580.6	1564.4	1548.1	1504.2	1460.3	1426.9	1393.4	1382.0	1370.8	1393.7
47.5°	1500.3	1509.8	1491.1	1472.4	1429.1	1385.7	1353.1	1320.3	1309.8	1299.1	1318.4
50°	1453.9	1454.4	1430.4	1406.4	1367.6	1328.9	1298.1	1267.2	1250.5	1234.0	1251.0
52.5°	1423.1	1418.0	1389.6	1361.1	1324.9	1288.8	1260.6	1232.2	1207.4	1182.5	1199.3
55°	1397.6	1390.5	1360.3	1330.1	1298.5	1266.9	1236.3	1205.8	1170.6	1135.3	1161.9
57.5°	1372.5	1365.3	1335.0	1304.5	1273.2	1241.9	1206.0	1170.2	1132.2	1094.2	1133.2
60°	1337.0	1329.2	1298.6	1268.1	1236.2	1204.5	1163.3	1122.2	1088.9	1055.5	1106.1
62.5°	1281.9	1274.3	1246.4	1218.4	1184.5	1150.5	1102.5	1054.6	1033.4	1012.2	1075.3
65°	1207.0	1199.2	1174.6	1150.0	1117.6	1085.1	1033.6	982.2	974.2	966.0	1033.2
67.5°	1121.9	1114.3	1093.0	1071.8	1041.1	1010.3	962.7	915.3	917.9	920.4	976.3
70°	1030.8	1023.6	1004.4	985.2	958.6	932.0	890.3	848.6	857.4	866.3	906.0
72.5°	929.1	920.4	901.6	882.8	858.8	834.8	802.0	769.1	782.0	795.0	822.3
75°	809.0	800.0	782.8	765.7	744.0	722.2	697.8	673.4	685.9	698.3	719.3
77.5°	693.5	685.0	667.1	649.1	630.4	611.7	591.9	572.0	584.6	597.2	614.0
80°	559.6	548.4	534.8	521.1	505.4	489.6	473.2	456.7	467.3	477.8	492.0
82.5°	407.1	388.0	358.8	329.7	335.2	340.7	342.1	343.5	351.0	358.4	365.3
85°	247.0	223.4	196.1	168.8	184.0	199.3	206.5	213.6	221.9	230.3	237.7
87.5°	107.8	98.2	86.7	75.3	87.0	98.6	98.9	99.2	100.8	102.4	105.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950554

CATALOG NUMBER: GALN-SB5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2538.0	2561.4	2582.3	2604.0	2625.6	2648.3	2670.9	2693.3	2715.9	2737.0	2758.2
5°	2515.6	2556.4	2597.8	2641.6	2685.4	2732.2	2779.2	2825.7	2872.4	2919.1	2965.9
7.5°	2507.5	2560.4	2616.8	2677.9	2739.0	2808.4	2877.8	2949.0	3020.3	3097.4	3174.5
10°	2511.5	2568.3	2637.8	2710.3	2782.5	2866.9	2951.1	3045.2	3139.4	3236.9	3334.5
12.5°	2516.4	2569.2	2642.4	2724.2	2805.9	2905.3	3004.7	3111.4	3218.1	3325.2	3432.4
15°	2495.4	2537.7	2618.7	2713.4	2808.1	2922.6	3037.0	3152.8	3268.5	3380.2	3491.9
17.5°	2431.5	2457.5	2552.8	2666.7	2780.5	2913.4	3046.3	3172.6	3298.8	3412.1	3525.4
20°	2327.1	2334.0	2444.9	2586.1	2727.2	2888.2	3049.2	3188.0	3326.8	3444.6	3562.3
22.5°	2208.7	2195.2	2321.5	2491.5	2661.5	2857.3	3053.2	3208.9	3364.5	3484.8	3605.1
25°	2093.9	2057.5	2186.9	2385.9	2585.0	2826.8	3068.7	3246.7	3424.5	3542.3	3660.2
27.5°	1993.5	1949.2	2067.0	2289.3	2511.7	2806.4	3101.2	3305.7	3510.1	3622.6	3735.0
30°	1905.2	1870.5	1969.4	2208.6	2447.9	2796.9	3145.7	3382.2	3618.7	3727.2	3835.9
32.5°	1827.8	1812.4	1892.1	2139.0	2385.9	2785.1	3184.1	3462.0	3739.9	3847.4	3955.0
35°	1754.8	1761.2	1827.6	2070.6	2313.6	2762.8	3212.2	3552.9	3893.7	3996.7	4099.7
37.5°	1678.2	1701.7	1759.7	1990.1	2220.5	2724.7	3228.9	3654.8	4080.7	4212.0	4343.2
40°	1594.4	1630.3	1683.0	1894.1	2105.2	2672.3	3239.5	3784.1	4328.7	4520.0	4711.3
42.5°	1505.3	1550.6	1599.1	1788.1	1977.0	2618.2	3259.5	3953.3	4647.2	4923.3	5199.5
45°	1416.7	1460.5	1509.8	1675.5	1841.2	2567.9	3294.6	4175.9	5057.3	5429.8	5802.3
47.5°	1337.7	1375.4	1438.9	1586.4	1734.0	2526.3	3318.7	4413.1	5507.6	6031.9	6556.2
50°	1268.1	1311.9	1395.4	1527.3	1659.2	2481.1	3303.0	4633.2	5963.4	6753.9	7544.3
52.5°	1216.3	1277.5	1373.4	1488.3	1603.3	2404.6	3206.0	4776.1	6346.1	7512.4	8678.6
55°	1188.7	1280.9	1370.2	1460.1	1549.9	2277.8	3005.7	4744.6	6483.4	8184.8	9886.2
57.5°	1172.2	1284.4	1363.1	1426.6	1490.1	2099.1	2708.0	4523.0	6338.0	8661.3	10984.6
60°	1156.6	1273.5	1325.5	1375.4	1425.3	1867.0	2308.7	4110.5	5912.3	8780.4	11648.4
62.5°	1138.5	1247.0	1253.4	1286.4	1319.6	1589.3	1858.9	3552.7	5246.5	8278.9	11311.3
65°	1100.3	1183.0	1182.2	1197.9	1213.5	1339.4	1465.3	2983.7	4502.2	7569.4	10636.7
67.5°	1032.2	1078.7	1080.8	1072.2	1063.4	1099.2	1135.0	2426.2	3717.5	6725.1	9732.7
70°	945.8	961.1	961.1	920.6	880.1	869.9	859.7	1910.3	2960.9	5803.8	8646.6
72.5°	849.6	849.4	839.7	782.3	724.9	694.0	663.2	1460.4	2257.7	4805.0	7352.4
75°	740.3	744.1	699.6	635.2	570.8	542.9	514.9	1060.0	1605.0	3660.1	5715.2
77.5°	630.9	632.8	559.5	497.0	434.5	415.4	396.4	718.3	1040.1	2561.8	4083.4
80°	506.1	506.4	418.8	365.9	313.0	305.1	297.2	462.8	628.4	1650.5	2672.6
82.5°	372.2	368.1	293.3	254.3	215.3	213.8	212.4	284.6	357.1	955.3	1553.6
85°	245.1	239.7	184.0	155.5	127.0	127.7	128.4	152.2	176.0	429.7	683.5
87.5°	108.3	101.4	78.2	66.5	54.9	55.6	56.3	63.1	69.9	140.7	211.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950554

CATALOG NUMBER: GALN-SB5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2768.6	2779.2	2794.0	2808.9	2817.7	2826.6	2831.0	2835.5	2833.5	2835.5	2831.0
5°	3002.4	3039.0	3075.2	3111.5	3131.2	3150.9	3162.8	3174.8	3183.9	3174.8	3162.8
7.5°	3234.0	3293.3	3346.8	3400.2	3432.4	3464.6	3482.0	3499.3	3507.7	3499.3	3482.0
10°	3404.7	3475.0	3537.7	3600.4	3638.4	3676.2	3693.1	3709.9	3716.3	3709.9	3693.1
12.5°	3508.6	3584.6	3641.3	3697.8	3725.4	3752.9	3762.2	3771.4	3772.4	3771.4	3762.2
15°	3557.7	3623.3	3658.8	3694.5	3695.5	3696.4	3686.6	3676.8	3665.1	3676.8	3686.6
17.5°	3569.8	3614.2	3614.8	3615.4	3575.6	3535.7	3499.2	3462.6	3436.8	3462.6	3499.2
20°	3577.7	3593.3	3546.5	3499.8	3411.8	3323.8	3259.8	3195.7	3156.3	3195.7	3259.8
22.5°	3584.8	3564.6	3467.7	3370.9	3241.4	3112.0	3031.9	2951.8	2908.3	2951.8	3031.9
25°	3596.2	3532.3	3385.2	3238.2	3081.0	2923.8	2839.6	2755.5	2714.4	2755.5	2839.6
27.5°	3620.7	3506.2	3311.4	3116.7	2942.5	2768.3	2685.5	2602.7	2563.8	2602.7	2685.5
30°	3665.3	3494.9	3255.1	3015.4	2833.9	2652.4	2575.5	2498.7	2462.5	2498.7	2575.5
32.5°	3721.4	3488.0	3216.7	2945.5	2774.9	2604.4	2544.0	2483.6	2457.5	2483.6	2544.0
35°	3813.9	3528.1	3245.5	2962.9	2844.4	2726.0	2711.9	2697.9	2695.7	2697.9	2711.9
37.5°	4007.0	3670.8	3414.0	3157.1	3149.4	3141.7	3206.1	3270.5	3303.9	3270.5	3206.1
40°	4345.7	3980.1	3789.1	3598.0	3732.9	3867.7	4024.2	4180.7	4258.6	4180.7	4024.2
42.5°	4836.7	4474.0	4363.9	4253.9	4548.0	4842.0	5126.7	5411.3	5578.4	5411.3	5126.7
45°	5476.5	5150.5	5102.0	5053.3	5524.5	5995.7	6463.4	6931.2	7215.1	6931.2	6463.4
47.5°	6239.2	5922.1	5912.3	5902.4	6582.1	7261.6	7946.3	8630.9	9032.9	8630.9	7946.3
50°	7152.7	6761.2	6762.9	6764.6	7640.5	8516.4	9420.2	10324.0	10870.4	10324.0	9420.2
52.5°	8204.4	7730.4	7682.4	7634.4	8680.7	9727.0	10845.2	11963.4	12618.4	11963.4	10845.2
55°	9417.8	8949.3	8762.4	8575.5	9740.0	10904.4	12237.5	13570.6	14349.6	13570.6	12237.5
57.5°	10729.5	10474.3	10099.4	9724.6	10900.4	12076.3	13586.2	15096.1	16062.1	15096.1	13586.2
60°	12044.7	12441.0	11975.5	11510.0	12622.7	13735.4	15352.1	16968.7	18012.7	16968.7	15352.1
62.5°	12394.1	13476.8	13424.3	13371.8	14391.1	15410.5	16948.6	18486.6	19451.6	18486.6	16948.6
65°	11652.9	12669.0	12870.1	13071.1	14366.5	15662.0	17153.4	18644.8	19466.4	18644.8	17153.4
67.5°	10699.2	11665.7	11759.9	11854.1	13203.9	14553.5	16051.3	17549.2	18192.8	17549.2	16051.3
70°	9697.9	10749.2	10791.3	10833.5	12040.5	13247.5	14536.5	15825.4	16183.1	15825.4	14536.5
72.5°	8558.8	9765.2	9795.5	9825.7	10770.0	11714.4	12679.8	13645.1	13681.3	13645.1	12679.8
75°	6963.8	8212.3	8324.4	8436.5	9171.2	9905.9	10585.5	11265.1	11083.0	11265.1	10585.5
77.5°	5248.9	6414.5	6574.9	6735.3	7293.9	7852.4	8334.4	8816.4	8503.4	8816.4	8334.4
80°	3653.1	4633.6	4833.0	5032.4	5454.2	5875.8	6129.0	6382.0	5878.6	6382.0	6129.0
82.5°	2223.9	2894.3	3117.0	3339.9	3630.2	3920.5	4026.1	4131.6	3736.0	4131.6	4026.1
85°	1039.3	1395.1	1584.6	1774.0	2012.6	2251.0	2311.0	2370.9	2054.0	2370.9	2311.0
87.5°	331.2	450.8	556.5	662.2	781.5	900.7	905.9	910.9	764.7	910.9	905.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950554

CATALOG NUMBER: GALN-SB5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8	2564.8
2.5°	2826.6	2817.7	2808.9	2794.0	2779.2	2768.6	2758.2
5°	3150.9	3131.2	3111.5	3075.2	3039.0	3002.4	2965.9
7.5°	3464.6	3432.4	3400.2	3346.8	3293.3	3234.0	3174.5
10°	3676.2	3638.4	3600.4	3537.7	3475.0	3404.7	3334.5
12.5°	3752.9	3725.4	3697.8	3641.3	3584.6	3508.6	3432.4
15°	3696.4	3695.5	3694.5	3658.8	3623.3	3557.7	3491.9
17.5°	3535.7	3575.6	3615.4	3614.8	3614.2	3569.8	3525.4
20°	3323.8	3411.8	3499.8	3546.5	3593.3	3577.7	3562.3
22.5°	3112.0	3241.4	3370.9	3467.7	3564.6	3584.8	3605.1
25°	2923.8	3081.0	3238.2	3385.2	3532.3	3596.2	3660.2
27.5°	2768.3	2942.5	3116.7	3311.4	3506.2	3620.7	3735.0
30°	2652.4	2833.9	3015.4	3255.1	3494.9	3665.3	3835.9
32.5°	2604.4	2774.9	2945.5	3216.7	3488.0	3721.4	3955.0
35°	2726.0	2844.4	2962.9	3245.5	3528.1	3813.9	4099.7
37.5°	3141.7	3149.4	3157.1	3414.0	3670.8	4007.0	4343.2
40°	3867.7	3732.9	3598.0	3789.1	3980.1	4345.7	4711.3
42.5°	4842.0	4548.0	4253.9	4363.9	4474.0	4836.7	5199.5
45°	5995.7	5524.5	5053.3	5102.0	5150.5	5476.5	5802.3
47.5°	7261.6	6582.1	5902.4	5912.3	5922.1	6239.2	6556.2
50°	8516.4	7640.5	6764.6	6762.9	6761.2	7152.7	7544.3
52.5°	9727.0	8680.7	7634.4	7682.4	7730.4	8204.4	8678.6
55°	10904.4	9740.0	8575.5	8762.4	8949.3	9417.8	9886.2
57.5°	12076.3	10900.4	9724.6	10099.4	10474.3	10729.5	10984.6
60°	13735.4	12622.7	11510.0	11975.5	12441.0	12044.7	11648.4
62.5°	15410.5	14391.1	13371.8	13424.3	13476.8	12394.1	11311.3
65°	15662.0	14366.5	13071.1	12870.1	12669.0	11652.9	10636.7
67.5°	14553.5	13203.9	11854.1	11759.9	11665.7	10699.2	9732.7
70°	13247.5	12040.5	10833.5	10791.3	10749.2	9697.9	8646.6
72.5°	11714.4	10770.0	9825.7	9795.5	9765.2	8558.8	7352.4
75°	9905.9	9171.2	8436.5	8324.4	8212.3	6963.8	5715.2
77.5°	7852.4	7293.9	6735.3	6574.9	6414.5	5248.9	4083.4
80°	5875.8	5454.2	5032.4	4833.0	4633.6	3653.1	2672.6
82.5°	3920.5	3630.2	3339.9	3117.0	2894.3	2223.9	1553.6
85°	2251.0	2012.6	1774.0	1584.6	1395.1	1039.3	683.5
87.5°	900.7	781.5	662.2	556.5	450.8	331.2	211.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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