

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: P947696

Luminaire Tested: **GALN-SB3A-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947696
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-SB3A-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11078 lumens
Efficiency: N/A
Efficacy: 130.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 84.7
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

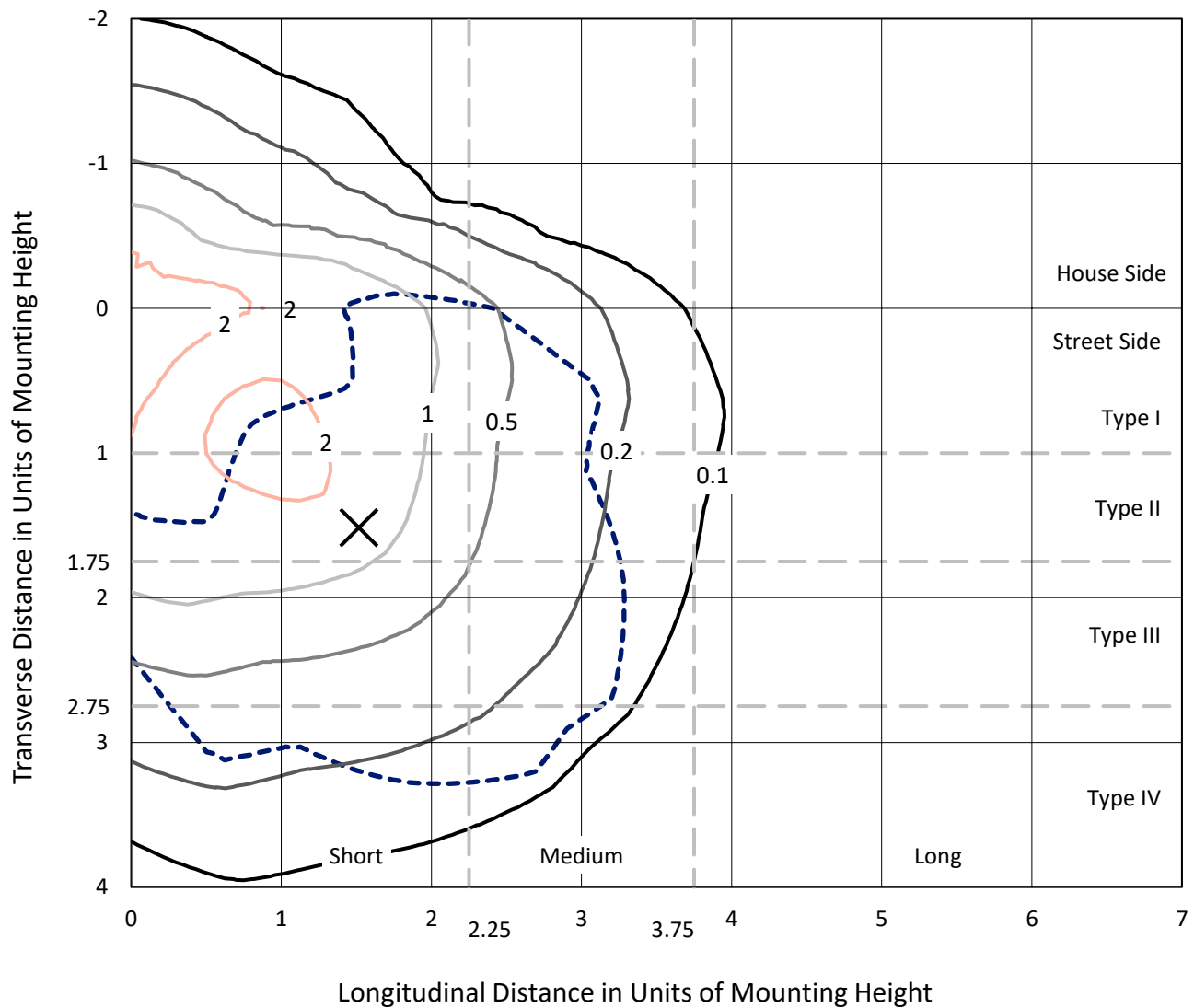


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Iso-Footcandle Lines of Horizontal Illumination

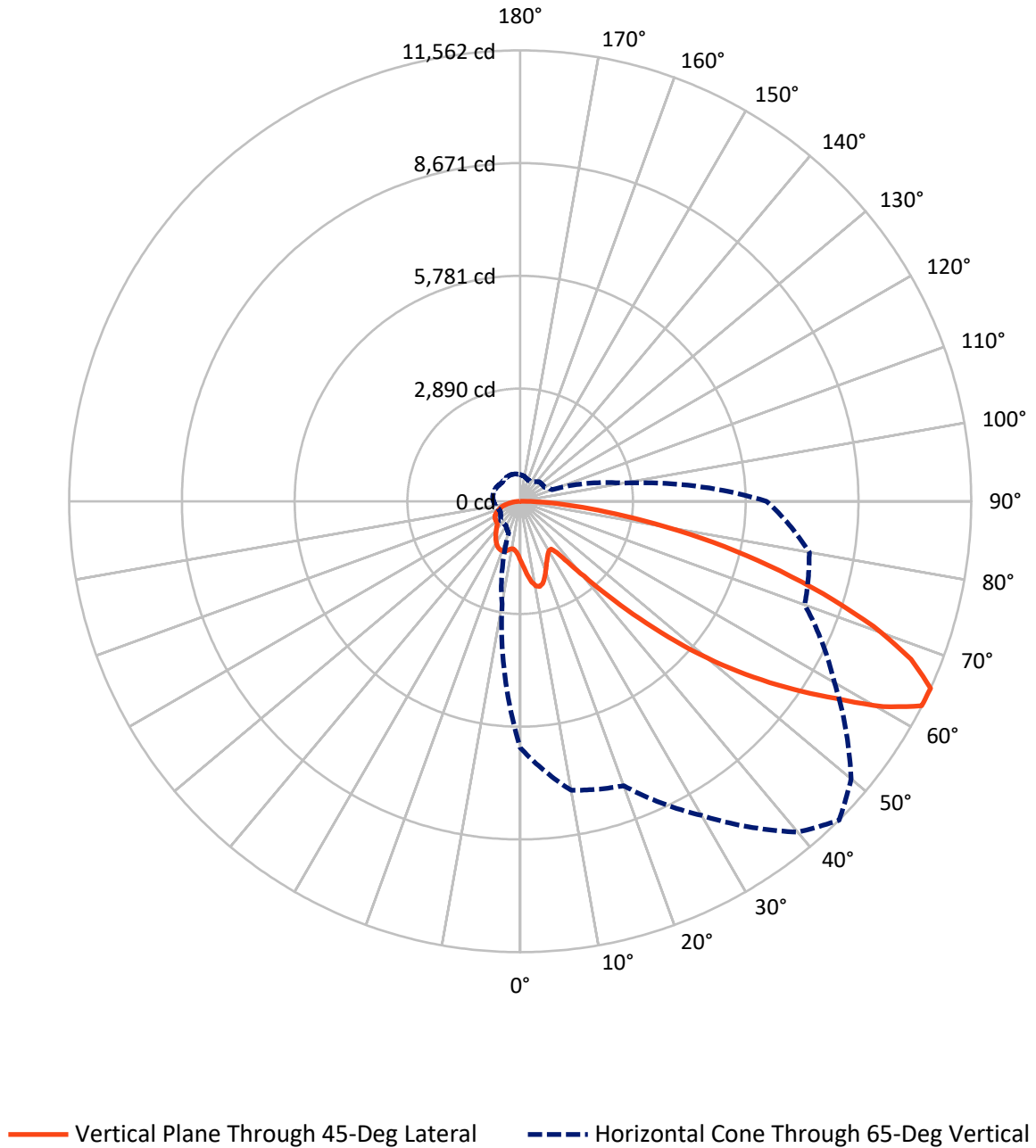
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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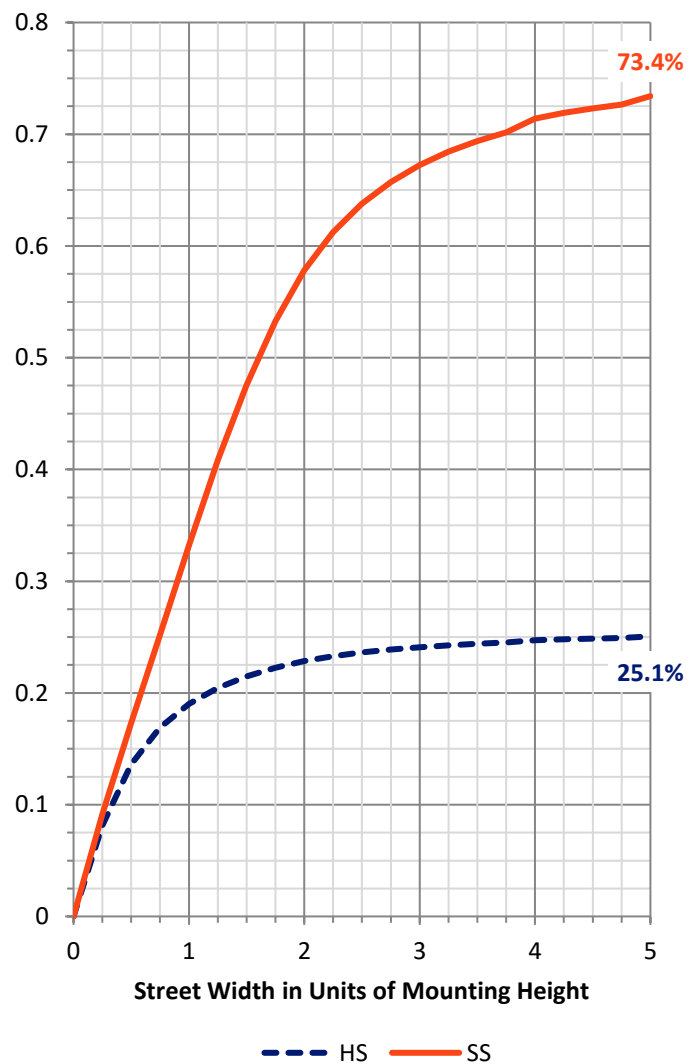
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2815.5	0.0	2815.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	8262.5	0.0	8262.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	11078.0	0.0	11078.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.1	1.4
10°-20°	474.4	4.3
20°-30°	732.7	6.6
30°-40°	928.6	8.4
40°-50°	1400.5	12.6
50°-60°	2262.7	20.4
60°-70°	2820.9	25.5
70°-80°	1849.8	16.7
80°-90°	457.3	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°	11078.0	100.0
0°-180°	11078.0	100.0

Coefficient of Utilization



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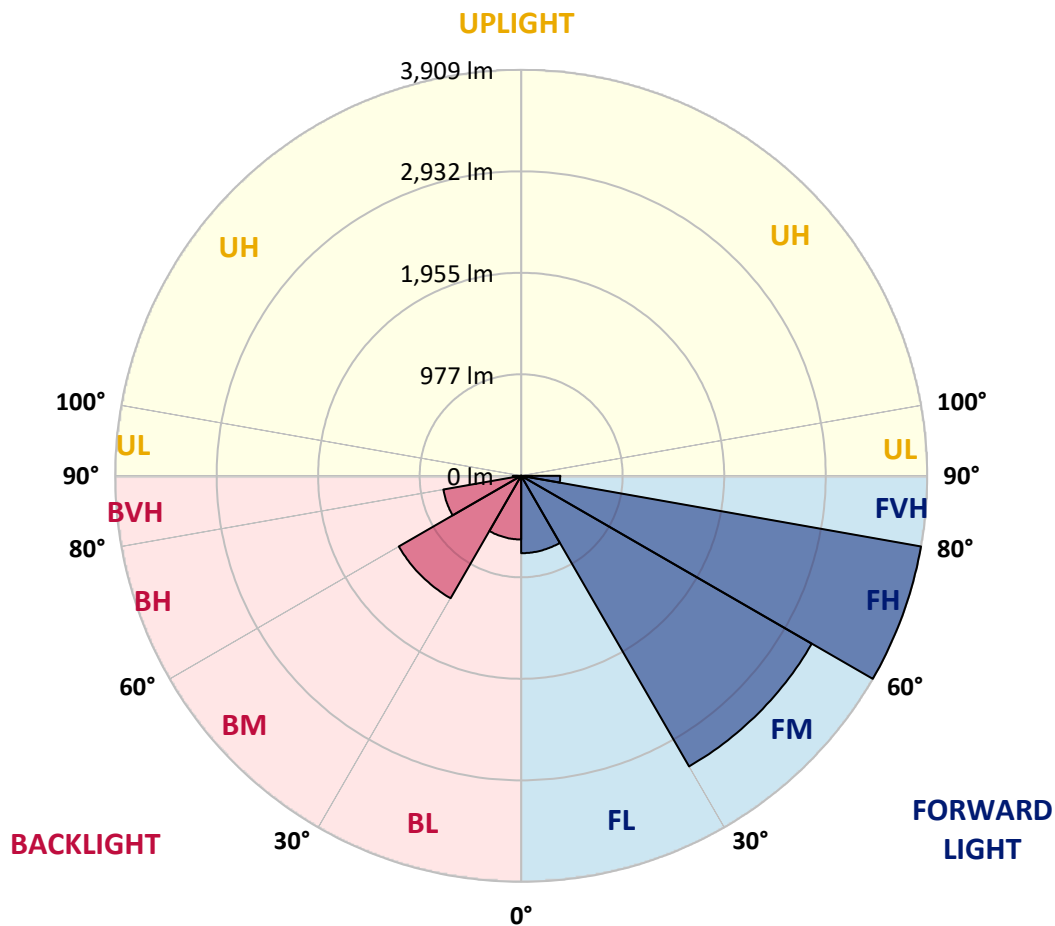
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	745.1	6.7			
FM	(30°-60°)	3231.2	29.2			
FH	(60°-80°)	3909.5	35.3			G2/5000
FVH	(80°-90°)	376.7	3.4			G3/500
BL	(0°-30°)	613.1	5.5	B2/1000		
BM	(30°-60°)	1360.6	12.3	B2/2500		
BH	(60°-80°)	761.2	6.9	B2/1000		G2/1000
BVH	(80°-90°)	80.6	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°	50°
0°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1638.2	1644.4	1650.6	1659.5	1668.3	1673.5	1678.8	1681.4	1684.1	1682.9	1684.1
5°	1761.5	1783.2	1805.0	1826.5	1848.0	1859.7	1871.4	1878.5	1885.6	1891.0	1885.6
7.5°	1885.4	1920.8	1956.0	1987.7	2019.5	2038.6	2057.7	2068.1	2078.3	2083.3	2078.3
10°	1980.4	2022.2	2063.9	2101.1	2138.4	2160.9	2183.4	2193.4	2203.4	2207.2	2203.4
12.5°	2038.6	2083.8	2129.0	2162.7	2196.2	2212.6	2229.0	2234.5	2240.0	2240.6	2240.0
15°	2074.0	2113.0	2152.0	2173.1	2194.3	2194.8	2195.4	2189.6	2183.7	2176.8	2183.7
17.5°	2093.8	2120.2	2146.6	2147.0	2147.3	2123.6	2100.0	2078.3	2056.5	2041.2	2056.5
20°	2115.8	2124.9	2134.2	2106.4	2078.6	2026.4	1974.1	1936.1	1898.0	1874.6	1898.0
22.5°	2141.2	2129.1	2117.1	2059.6	2002.1	1925.2	1848.3	1800.7	1753.2	1727.3	1753.2
25°	2173.9	2135.9	2097.9	2010.6	1923.3	1829.9	1736.6	1686.5	1636.6	1612.2	1636.6
27.5°	2218.3	2150.4	2082.4	1966.8	1851.1	1747.7	1644.2	1595.0	1545.8	1522.7	1545.8
30°	2278.3	2177.0	2075.7	1933.3	1790.9	1683.1	1575.3	1529.7	1484.0	1462.5	1484.0
32.5°	2349.0	2210.3	2071.6	1910.5	1749.4	1648.1	1546.8	1511.0	1475.1	1459.6	1475.1
35°	2434.9	2265.2	2095.5	1927.6	1759.8	1689.4	1619.1	1610.7	1602.4	1601.1	1602.4
37.5°	2579.6	2379.9	2180.2	2027.7	1875.1	1870.5	1866.0	1904.2	1942.4	1962.3	1942.4
40°	2798.2	2581.1	2363.9	2250.4	2137.0	2217.1	2297.1	2390.1	2483.0	2529.3	2483.0
42.5°	3088.1	2872.7	2657.2	2591.9	2526.5	2701.2	2875.8	3044.9	3213.9	3313.2	3213.9
45°	3446.2	3252.6	3059.0	3030.2	3001.3	3281.2	3561.0	3838.8	4116.6	4285.3	4116.6
47.5°	3893.9	3705.7	3517.3	3511.5	3505.6	3909.3	4312.9	4719.5	5126.2	5364.9	5126.2
50°	4480.8	4248.2	4015.7	4016.7	4017.7	4537.9	5058.2	5595.0	6131.7	6456.3	6131.7
52.5°	5154.5	4872.9	4591.3	4562.8	4534.3	5155.7	5777.2	6441.3	7105.4	7494.4	7105.4
55°	5871.7	5593.5	5315.3	5204.2	5093.2	5784.9	6476.4	7268.2	8060.0	8522.6	8060.0
57.5°	6524.1	6372.6	6221.0	5998.4	5775.8	6474.1	7172.5	8069.3	8966.0	9539.8	8966.0
60°	6918.4	7153.7	7389.1	7112.6	6836.1	7497.0	8157.9	9118.1	10078.2	10698.3	10078.2
62.5°	6718.2	7361.2	8004.3	7973.1	7941.9	8547.3	9152.8	10066.3	10979.8	11552.9	10979.8
65°	6317.5	6921.0	7524.5	7644.0	7763.3	8532.7	9302.1	10188.0	11073.7	11561.7	11073.7
67.5°	5780.6	6354.6	6928.6	6984.6	7040.5	7842.2	8643.8	9533.4	10423.0	10805.3	10423.0
70°	5135.5	5759.9	6384.3	6409.3	6434.4	7151.2	7868.1	8633.6	9399.2	9611.6	9399.2
72.5°	4366.8	5083.3	5799.8	5817.8	5835.8	6396.7	6957.5	7530.9	8104.2	8125.7	8104.2
75°	3394.4	4136.0	4877.5	4944.1	5010.7	5447.1	5883.4	6287.1	6690.7	6582.5	6690.7
77.5°	2425.3	3117.5	3809.8	3905.0	4000.3	4332.1	4663.8	4950.0	5236.3	5050.5	5236.3
80°	1587.3	2169.7	2752.0	2870.5	2988.9	3239.4	3489.8	3640.2	3790.5	3491.5	3790.5
82.5°	922.7	1320.8	1719.0	1851.3	1983.6	2156.1	2328.5	2391.3	2453.9	2218.9	2453.9
85°	406.0	617.3	828.6	941.1	1053.6	1195.3	1337.0	1372.6	1408.2	1219.9	1408.2
87.5°	125.7	196.7	267.7	330.5	393.3	464.1	535.0	538.0	541.0	454.2	541.0
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°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1681.4	1678.8	1673.5	1668.3	1659.5	1650.6	1644.4	1638.2	1625.6	1613.0	1599.7
5°	1878.5	1871.4	1859.7	1848.0	1826.5	1805.0	1783.2	1761.5	1733.8	1706.0	1678.3
7.5°	2068.1	2057.7	2038.6	2019.5	1987.7	1956.0	1920.8	1885.4	1839.6	1793.8	1751.5
10°	2193.4	2183.4	2160.9	2138.4	2101.1	2063.9	2022.2	1980.4	1922.5	1864.6	1808.6
12.5°	2234.5	2229.0	2212.6	2196.2	2162.7	2129.0	2083.8	2038.6	1974.9	1911.3	1848.0
15°	2189.6	2195.4	2194.8	2194.3	2173.1	2152.0	2113.0	2074.0	2007.6	1941.3	1872.5
17.5°	2078.3	2100.0	2123.6	2147.3	2147.0	2146.6	2120.2	2093.8	2026.6	1959.3	1884.3
20°	1936.1	1974.1	2026.4	2078.6	2106.4	2134.2	2124.9	2115.8	2045.8	1975.9	1893.5
22.5°	1800.7	1848.3	1925.2	2002.1	2059.6	2117.1	2129.1	2141.2	2069.8	1998.3	1905.8
25°	1686.5	1736.6	1829.9	1923.3	2010.6	2097.9	2135.9	2173.9	2103.9	2033.9	1928.3
27.5°	1595.0	1644.2	1747.7	1851.1	1966.8	2082.4	2150.4	2218.3	2151.6	2084.8	1963.4
30°	1529.7	1575.3	1683.1	1790.9	1933.3	2075.7	2177.0	2278.3	2213.7	2149.2	2008.8
32.5°	1511.0	1546.8	1648.1	1749.4	1910.5	2071.6	2210.3	2349.0	2285.1	2221.3	2056.2
35°	1610.7	1619.1	1689.4	1759.8	1927.6	2095.5	2265.2	2434.9	2373.8	2312.6	2110.2
37.5°	1904.2	1866.0	1870.5	1875.1	2027.7	2180.2	2379.9	2579.6	2501.6	2423.6	2170.7
40°	2390.1	2297.1	2217.1	2137.0	2250.4	2363.9	2581.1	2798.2	2684.6	2570.9	2247.5
42.5°	3044.9	2875.8	2701.2	2526.5	2591.9	2657.2	2872.7	3088.1	2924.1	2760.1	2348.0
45°	3838.8	3561.0	3281.2	3001.3	3030.2	3059.0	3252.6	3446.2	3224.9	3003.7	2480.2
47.5°	4719.5	4312.9	3909.3	3505.6	3511.5	3517.3	3705.7	3893.9	3582.6	3271.1	2621.1
50°	5595.0	5058.2	4537.9	4017.7	4016.7	4015.7	4248.2	4480.8	4011.4	3541.9	2751.8
52.5°	6441.3	5777.2	5155.7	4534.3	4562.8	4591.3	4872.9	5154.5	4461.8	3769.1	2836.7
55°	7268.2	6476.4	5784.9	5093.2	5204.2	5315.3	5593.5	5871.7	4861.2	3850.7	2818.0
57.5°	8069.3	7172.5	6474.1	5775.8	5998.4	6221.0	6372.6	6524.1	5144.2	3764.3	2686.3
60°	9118.1	8157.9	7497.0	6836.1	7112.6	7389.1	7153.7	6918.4	5214.9	3511.5	2441.3
62.5°	10066.3	9152.8	8547.3	7941.9	7973.1	8004.3	7361.2	6718.2	4917.1	3116.1	2110.1
65°	10188.0	9302.1	8532.7	7763.3	7644.0	7524.5	6921.0	6317.5	4495.7	2674.0	1772.1
67.5°	9533.4	8643.8	7842.2	7040.5	6984.6	6928.6	6354.6	5780.6	3994.2	2207.9	1441.0
70°	8633.6	7868.1	7151.2	6434.4	6409.3	6384.3	5759.9	5135.5	3447.1	1758.6	1134.6
72.5°	7530.9	6957.5	6396.7	5835.8	5817.8	5799.8	5083.3	4366.8	2853.9	1340.9	867.4
75°	6287.1	5883.4	5447.1	5010.7	4944.1	4877.5	4136.0	3394.4	2173.9	953.3	629.6
77.5°	4950.0	4663.8	4332.1	4000.3	3905.0	3809.8	3117.5	2425.3	1521.5	617.7	426.6
80°	3640.2	3489.8	3239.4	2988.9	2870.5	2752.0	2169.7	1587.3	980.3	373.2	274.9
82.5°	2391.3	2328.5	2156.1	1983.6	1851.3	1719.0	1320.8	922.7	567.4	212.1	169.0
85°	1372.6	1337.0	1195.3	1053.6	941.1	828.6	617.3	406.0	255.2	104.5	90.4
87.5°	538.0	535.0	464.1	393.3	330.5	267.7	196.7	125.7	83.6	41.5	37.5
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°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1586.3	1572.9	1559.4	1546.6	1533.7	1521.3	1507.4	1496.2	1485.0	1474.9	1464.9
5°	1650.6	1622.8	1594.9	1568.9	1542.9	1518.4	1494.1	1472.9	1451.7	1433.9	1416.2
7.5°	1709.2	1668.0	1626.8	1590.5	1554.2	1520.7	1489.3	1461.1	1433.0	1409.6	1386.2
10°	1752.8	1702.7	1652.6	1609.7	1566.7	1525.4	1491.6	1461.9	1432.2	1408.9	1385.5
12.5°	1784.6	1725.6	1666.5	1618.0	1569.4	1526.0	1494.6	1470.2	1446.0	1430.5	1415.1
15°	1803.8	1735.8	1667.8	1611.6	1555.4	1507.2	1482.1	1470.5	1458.9	1461.0	1463.1
17.5°	1809.3	1730.4	1651.5	1583.8	1516.2	1459.6	1444.1	1448.4	1452.6	1478.1	1503.6
20°	1811.0	1715.4	1619.8	1535.9	1452.1	1386.2	1382.2	1402.0	1421.9	1466.2	1510.5
22.5°	1813.4	1697.0	1580.7	1479.8	1378.8	1303.8	1311.8	1341.2	1370.6	1421.1	1471.8
25°	1822.6	1678.9	1535.3	1417.1	1298.9	1222.0	1243.6	1277.5	1311.4	1356.8	1402.3
27.5°	1841.9	1666.8	1491.8	1359.7	1227.7	1157.7	1184.0	1216.7	1249.5	1286.8	1324.1
30°	1868.3	1661.2	1453.9	1311.8	1169.7	1110.9	1131.6	1157.5	1183.6	1214.6	1245.5
32.5°	1891.1	1654.1	1417.1	1270.4	1123.8	1076.4	1085.6	1101.0	1116.4	1141.1	1165.9
35°	1907.8	1640.9	1374.1	1229.8	1085.5	1046.0	1042.2	1046.4	1050.7	1069.6	1088.4
37.5°	1917.8	1618.3	1318.8	1182.0	1045.2	1010.7	996.8	992.1	987.4	1001.0	1014.5
40°	1924.0	1587.2	1250.3	1125.0	999.6	968.3	947.0	936.4	925.8	935.6	945.3
42.5°	1935.9	1555.0	1174.2	1062.0	949.8	920.9	894.1	880.0	866.0	874.0	882.0
45°	1956.8	1525.1	1093.6	995.1	896.7	867.5	841.5	827.8	814.2	820.8	827.6
47.5°	1971.1	1500.5	1029.8	942.2	854.6	816.9	794.5	783.1	771.6	777.9	784.2
50°	1961.7	1473.6	985.4	907.1	828.8	779.2	753.2	743.0	732.9	742.7	752.6
52.5°	1904.2	1428.2	952.2	883.9	815.7	758.7	722.4	712.3	702.3	717.1	731.8
55°	1785.2	1352.9	920.5	867.2	813.8	760.8	706.0	690.1	674.3	695.3	716.2
57.5°	1608.4	1246.7	885.0	847.3	809.6	762.8	696.2	673.0	649.9	672.5	695.0
60°	1371.2	1108.9	846.5	816.9	787.3	756.4	687.0	657.0	626.9	646.7	666.5
62.5°	1104.1	943.9	783.8	764.1	744.4	740.6	676.2	638.7	601.2	613.8	626.3
65°	870.3	795.5	720.7	711.4	702.2	702.6	653.5	613.7	573.7	578.6	583.4
67.5°	674.1	652.9	631.6	636.8	641.9	640.7	613.1	579.9	546.7	545.1	543.6
70°	510.6	516.7	522.7	546.8	570.8	570.8	561.7	538.1	514.5	509.3	504.0
72.5°	393.9	412.2	430.5	464.7	498.7	504.5	504.6	488.4	472.2	464.5	456.8
75°	305.8	322.4	339.0	377.3	415.5	441.9	439.7	427.2	414.7	407.4	399.9
77.5°	235.5	246.7	258.1	295.2	332.3	375.9	374.7	364.7	354.7	347.2	339.7
80°	176.5	181.2	185.9	217.3	248.7	300.7	300.6	292.2	283.8	277.5	271.2
82.5°	126.1	127.0	127.9	151.0	174.2	218.6	221.1	217.0	212.9	208.4	204.0
85°	76.3	75.9	75.4	92.4	109.3	142.3	145.6	141.2	136.8	131.8	126.8
87.5°	33.4	33.0	32.6	39.5	46.5	60.2	64.3	62.5	60.8	59.9	58.9
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: P947696

CATALOG NUMBER: GALN-SB3A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1456.0	1447.2	1438.3	1429.5	1422.7	1415.8	1410.2	1404.7	1400.3	1396.0	1392.0
5°	1400.6	1384.9	1370.7	1356.4	1345.5	1334.5	1326.9	1319.2	1313.8	1308.3	1304.2
7.5°	1366.5	1346.8	1329.4	1312.0	1299.0	1286.0	1276.9	1267.8	1261.5	1255.3	1251.6
10°	1364.3	1343.0	1323.4	1303.8	1288.3	1272.7	1262.5	1252.2	1246.3	1240.4	1237.2
12.5°	1398.3	1381.7	1361.5	1341.2	1321.4	1301.5	1288.3	1275.2	1268.6	1262.0	1259.3
15°	1458.8	1454.5	1436.9	1419.3	1391.0	1362.7	1342.7	1322.7	1313.5	1304.4	1300.9
17.5°	1517.1	1530.6	1516.4	1502.3	1464.8	1427.3	1397.9	1368.4	1354.9	1341.2	1336.8
20°	1538.8	1567.2	1560.6	1554.0	1511.2	1468.4	1432.2	1396.2	1378.8	1361.4	1355.8
22.5°	1508.6	1545.5	1549.5	1553.4	1512.5	1471.6	1434.4	1397.2	1378.9	1360.5	1354.4
25°	1438.6	1474.9	1488.5	1502.0	1468.4	1434.9	1401.9	1368.9	1353.0	1337.1	1331.4
27.5°	1353.2	1382.3	1397.4	1412.5	1388.6	1364.8	1339.1	1313.5	1302.8	1292.1	1289.5
30°	1269.7	1293.9	1306.2	1318.4	1300.3	1282.0	1263.7	1245.2	1239.8	1234.3	1234.3
32.5°	1189.0	1212.2	1225.8	1239.5	1222.8	1206.0	1191.4	1176.7	1173.1	1169.6	1170.0
35°	1111.3	1134.3	1150.7	1167.0	1155.1	1143.3	1129.7	1116.2	1110.7	1105.4	1104.2
37.5°	1037.3	1060.2	1080.5	1100.7	1095.2	1089.7	1077.3	1064.7	1054.9	1045.0	1039.8
40°	967.4	989.5	1012.8	1036.1	1037.4	1038.7	1028.2	1017.6	1003.2	988.9	979.2
42.5°	902.9	923.9	949.0	974.1	980.9	987.6	978.6	969.8	951.9	934.1	920.0
45°	847.5	867.3	893.4	919.5	929.1	938.8	930.7	922.7	902.3	882.0	865.4
47.5°	803.6	823.0	848.8	874.5	885.6	896.7	891.1	885.5	867.3	849.2	833.9
50°	771.0	789.3	812.3	835.3	849.6	863.8	863.5	863.3	848.8	834.3	820.1
52.5°	748.7	765.5	786.9	808.4	825.3	842.2	845.2	848.3	836.5	824.7	812.0
55°	734.3	752.4	771.2	790.0	807.9	825.8	830.1	834.3	824.0	813.7	802.6
57.5°	716.3	737.6	756.2	774.8	792.9	810.9	815.1	819.4	809.0	798.6	787.6
60°	690.9	715.4	734.2	753.2	771.3	789.4	794.1	798.8	788.6	778.5	767.2
62.5°	654.8	683.3	703.5	723.7	740.3	756.9	761.4	765.9	756.7	747.5	735.6
65°	613.9	644.5	663.7	683.0	697.7	712.3	716.9	721.4	712.6	703.8	692.2
67.5°	571.8	600.0	618.3	636.6	649.2	661.8	666.3	670.8	662.6	654.6	643.8
70°	528.8	553.6	569.3	585.1	596.5	607.9	612.3	616.6	610.0	603.4	593.1
72.5°	476.3	495.8	510.1	524.3	535.5	546.7	551.8	557.0	551.5	546.0	536.1
75°	414.4	428.9	441.9	454.8	464.9	475.1	480.5	485.9	483.2	480.5	472.3
77.5°	351.5	363.3	374.4	385.5	396.2	406.8	411.9	416.9	413.2	409.3	401.0
80°	281.0	290.8	300.2	309.5	317.6	325.7	332.4	339.0	337.4	335.8	324.7
82.5°	203.2	202.4	199.1	195.8	213.1	230.4	241.8	253.1	252.4	251.6	242.2
85°	122.6	118.4	109.3	100.2	116.4	132.7	146.7	160.7	159.6	158.4	151.0
87.5°	58.7	58.6	51.7	44.7	51.5	58.3	64.0	69.7	68.3	66.8	63.0
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: P947696

CATALOG NUMBER: GALN-SB3A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1388.0	1383.0	1388.0	1392.0	1396.0	1400.3	1404.7	1410.2	1415.8	1422.7	1429.5
5°	1300.0	1295.9	1300.0	1304.2	1308.3	1313.8	1319.2	1326.9	1334.5	1345.5	1356.4
7.5°	1247.9	1245.1	1247.9	1251.6	1255.3	1261.5	1267.8	1276.9	1286.0	1299.0	1312.0
10°	1234.1	1232.8	1234.1	1237.2	1240.4	1246.3	1252.2	1262.5	1272.7	1288.3	1303.8
12.5°	1256.7	1256.2	1256.7	1259.3	1262.0	1268.6	1275.2	1288.3	1301.5	1321.4	1341.2
15°	1297.4	1297.1	1297.4	1300.9	1304.4	1313.5	1322.7	1342.7	1362.7	1391.0	1419.3
17.5°	1332.3	1331.6	1332.3	1336.8	1341.2	1354.9	1368.4	1397.9	1427.3	1464.8	1502.3
20°	1350.3	1348.5	1350.3	1355.8	1361.4	1378.8	1396.2	1432.2	1468.4	1511.2	1554.0
22.5°	1348.2	1345.6	1348.2	1354.4	1360.5	1378.9	1397.2	1434.4	1471.6	1512.5	1553.4
25°	1325.6	1322.2	1325.6	1331.4	1337.1	1353.0	1368.9	1401.9	1434.9	1468.4	1502.0
27.5°	1286.9	1286.0	1286.9	1289.5	1292.1	1302.8	1313.5	1339.1	1364.8	1388.6	1412.5
30°	1234.3	1235.1	1234.3	1234.3	1234.3	1239.8	1245.2	1263.7	1282.0	1300.3	1318.4
32.5°	1170.5	1171.4	1170.5	1170.0	1169.6	1173.1	1176.7	1191.4	1206.0	1222.8	1239.5
35°	1103.0	1102.4	1103.0	1104.2	1105.4	1110.7	1116.2	1129.7	1143.3	1155.1	1167.0
37.5°	1034.6	1031.7	1034.6	1039.8	1045.0	1054.9	1064.7	1077.3	1089.7	1095.2	1100.7
40°	969.6	963.9	969.6	979.2	988.9	1003.2	1017.6	1028.2	1038.7	1037.4	1036.1
42.5°	905.9	896.7	905.9	920.0	934.1	951.9	969.8	978.6	987.6	980.9	974.1
45°	848.9	838.2	848.9	865.4	882.0	902.3	922.7	930.7	938.8	929.1	919.5
47.5°	818.7	808.4	818.7	833.9	849.2	867.3	885.5	891.1	896.7	885.6	874.5
50°	806.0	796.1	806.0	820.1	834.3	848.8	863.3	863.5	863.8	849.6	835.3
52.5°	799.4	790.3	799.4	812.0	824.7	836.5	848.3	845.2	842.2	825.3	808.4
55°	791.5	783.3	791.5	802.6	813.7	824.0	834.3	830.1	825.8	807.9	790.0
57.5°	776.6	768.1	776.6	787.6	798.6	809.0	819.4	815.1	810.9	792.9	774.8
60°	755.8	747.0	755.8	767.2	778.5	788.6	798.8	794.1	789.4	771.3	753.2
62.5°	723.7	713.1	723.7	735.6	747.5	756.7	765.9	761.4	756.9	740.3	723.7
65°	680.7	671.6	680.7	692.2	703.8	712.6	721.4	716.9	712.3	697.7	683.0
67.5°	633.1	624.9	633.1	643.8	654.6	662.6	670.8	666.3	661.8	649.2	636.6
70°	582.8	573.4	582.8	593.1	603.4	610.0	616.6	612.3	607.9	596.5	585.1
72.5°	526.4	517.3	526.4	536.1	546.0	551.5	557.0	551.8	546.7	535.5	524.3
75°	464.0	455.4	464.0	472.3	480.5	483.2	485.9	480.5	475.1	464.9	454.8
77.5°	392.7	385.8	392.7	401.0	409.3	413.2	416.9	411.9	406.8	396.2	385.5
80°	313.4	300.5	313.4	324.7	335.8	337.4	339.0	332.4	325.7	317.6	309.5
82.5°	232.8	224.5	232.8	242.2	251.6	252.4	253.1	241.8	230.4	213.1	195.8
85°	143.7	136.2	143.7	151.0	158.4	159.6	160.7	146.7	132.7	116.4	100.2
87.5°	59.2	55.5	59.2	63.0	66.8	68.3	69.7	64.0	58.3	51.5	44.7
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: P947696

CATALOG NUMBER: GALN-SB3A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1438.3	1447.2	1456.0	1464.9	1474.9	1485.0	1496.2	1507.4	1521.3	1533.7	1546.6
5°	1370.7	1384.9	1400.6	1416.2	1433.9	1451.7	1472.9	1494.1	1518.4	1542.9	1568.9
7.5°	1329.4	1346.8	1366.5	1386.2	1409.6	1433.0	1461.1	1489.3	1520.7	1554.2	1590.5
10°	1323.4	1343.0	1364.3	1385.5	1408.9	1432.2	1461.9	1491.6	1525.4	1566.7	1609.7
12.5°	1361.5	1381.7	1398.3	1415.1	1430.5	1446.0	1470.2	1494.6	1526.0	1569.4	1618.0
15°	1436.9	1454.5	1458.8	1463.1	1461.0	1458.9	1470.5	1482.1	1507.2	1555.4	1611.6
17.5°	1516.4	1530.6	1517.1	1503.6	1478.1	1452.6	1448.4	1444.1	1459.6	1516.2	1583.8
20°	1560.6	1567.2	1538.8	1510.5	1466.2	1421.9	1402.0	1382.2	1386.2	1452.1	1535.9
22.5°	1549.5	1545.5	1508.6	1471.8	1421.1	1370.6	1341.2	1311.8	1303.8	1378.8	1479.8
25°	1488.5	1474.9	1438.6	1402.3	1356.8	1311.4	1277.5	1243.6	1222.0	1298.9	1417.1
27.5°	1397.4	1382.3	1353.2	1324.1	1286.8	1249.5	1216.7	1184.0	1157.7	1227.7	1359.7
30°	1306.2	1293.9	1269.7	1245.5	1214.6	1183.6	1157.5	1131.6	1110.9	1169.7	1311.8
32.5°	1225.8	1212.2	1189.0	1165.9	1141.1	1116.4	1101.0	1085.6	1076.4	1123.8	1270.4
35°	1150.7	1134.3	1111.3	1088.4	1069.6	1050.7	1046.4	1042.2	1046.0	1085.5	1229.8
37.5°	1080.5	1060.2	1037.3	1014.5	1001.0	987.4	992.1	996.8	1010.7	1045.2	1182.0
40°	1012.8	989.5	967.4	945.3	935.6	925.8	936.4	947.0	968.3	999.6	1125.0
42.5°	949.0	923.9	902.9	882.0	874.0	866.0	880.0	894.1	920.9	949.8	1062.0
45°	893.4	867.3	847.5	827.6	820.8	814.2	827.8	841.5	867.5	896.7	995.1
47.5°	848.8	823.0	803.6	784.2	777.9	771.6	783.1	794.5	816.9	854.6	942.2
50°	812.3	789.3	771.0	752.6	742.7	732.9	743.0	753.2	779.2	828.8	907.1
52.5°	786.9	765.5	748.7	731.8	717.1	702.3	712.3	722.4	758.7	815.7	883.9
55°	771.2	752.4	734.3	716.2	695.3	674.3	690.1	706.0	760.8	813.8	867.2
57.5°	756.2	737.6	716.3	695.0	672.5	649.9	673.0	696.2	762.8	809.6	847.3
60°	734.2	715.4	690.9	666.5	646.7	626.9	657.0	687.0	756.4	787.3	816.9
62.5°	703.5	683.3	654.8	626.3	613.8	601.2	638.7	676.2	740.6	744.4	764.1
65°	663.7	644.5	613.9	583.4	578.6	573.7	613.7	653.5	702.6	702.2	711.4
67.5°	618.3	600.0	571.8	543.6	545.1	546.7	579.9	613.1	640.7	641.9	636.8
70°	569.3	553.6	528.8	504.0	509.3	514.5	538.1	561.7	570.8	570.8	546.8
72.5°	510.1	495.8	476.3	456.8	464.5	472.2	488.4	504.6	504.5	498.7	464.7
75°	441.9	428.9	414.4	399.9	407.4	414.7	427.2	439.7	441.9	415.5	377.3
77.5°	374.4	363.3	351.5	339.7	347.2	354.7	364.7	374.7	375.9	332.3	295.2
80°	300.2	290.8	281.0	271.2	277.5	283.8	292.2	300.6	300.7	248.7	217.3
82.5°	199.1	202.4	203.2	204.0	208.4	212.9	217.0	221.1	218.6	174.2	151.0
85°	109.3	118.4	122.6	126.8	131.8	136.8	141.2	145.6	142.3	109.3	92.4
87.5°	51.7	58.6	58.7	58.9	59.9	60.8	62.5	64.3	60.2	46.5	39.5
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: P947696

CATALOG NUMBER: GALN-SB3A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3	1523.3
2.5°	1559.4	1572.9	1586.3	1599.7	1613.0	1625.6	1638.2
5°	1594.9	1622.8	1650.6	1678.3	1706.0	1733.8	1761.5
7.5°	1626.8	1668.0	1709.2	1751.5	1793.8	1839.6	1885.4
10°	1652.6	1702.7	1752.8	1808.6	1864.6	1922.5	1980.4
12.5°	1666.5	1725.6	1784.6	1848.0	1911.3	1974.9	2038.6
15°	1667.8	1735.8	1803.8	1872.5	1941.3	2007.6	2074.0
17.5°	1651.5	1730.4	1809.3	1884.3	1959.3	2026.6	2093.8
20°	1619.8	1715.4	1811.0	1893.5	1975.9	2045.8	2115.8
22.5°	1580.7	1697.0	1813.4	1905.8	1998.3	2069.8	2141.2
25°	1535.3	1678.9	1822.6	1928.3	2033.9	2103.9	2173.9
27.5°	1491.8	1666.8	1841.9	1963.4	2084.8	2151.6	2218.3
30°	1453.9	1661.2	1868.3	2008.8	2149.2	2213.7	2278.3
32.5°	1417.1	1654.1	1891.1	2056.2	2221.3	2285.1	2349.0
35°	1374.1	1640.9	1907.8	2110.2	2312.6	2373.8	2434.9
37.5°	1318.8	1618.3	1917.8	2170.7	2423.6	2501.6	2579.6
40°	1250.3	1587.2	1924.0	2247.5	2570.9	2684.6	2798.2
42.5°	1174.2	1555.0	1935.9	2348.0	2760.1	2924.1	3088.1
45°	1093.6	1525.1	1956.8	2480.2	3003.7	3224.9	3446.2
47.5°	1029.8	1500.5	1971.1	2621.1	3271.1	3582.6	3893.9
50°	985.4	1473.6	1961.7	2751.8	3541.9	4011.4	4480.8
52.5°	952.2	1428.2	1904.2	2836.7	3769.1	4461.8	5154.5
55°	920.5	1352.9	1785.2	2818.0	3850.7	4861.2	5871.7
57.5°	885.0	1246.7	1608.4	2686.3	3764.3	5144.2	6524.1
60°	846.5	1108.9	1371.2	2441.3	3511.5	5214.9	6918.4
62.5°	783.8	943.9	1104.1	2110.1	3116.1	4917.1	6718.2
65°	720.7	795.5	870.3	1772.1	2674.0	4495.7	6317.5
67.5°	631.6	652.9	674.1	1441.0	2207.9	3994.2	5780.6
70°	522.7	516.7	510.6	1134.6	1758.6	3447.1	5135.5
72.5°	430.5	412.2	393.9	867.4	1340.9	2853.9	4366.8
75°	339.0	322.4	305.8	629.6	953.3	2173.9	3394.4
77.5°	258.1	246.7	235.5	426.6	617.7	1521.5	2425.3
80°	185.9	181.2	176.5	274.9	373.2	980.3	1587.3
82.5°	127.9	127.0	126.1	169.0	212.1	567.4	922.7
85°	75.4	75.9	76.3	90.4	104.5	255.2	406.0
87.5°	32.6	33.0	33.4	37.5	41.5	83.6	125.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)