

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: P949126

Luminaire Tested: **GALN-SB4A-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949126
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-SB4A-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 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: 14798 lumens
Efficiency: N/A
Efficacy: 129.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

Input Watts (W): 114
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

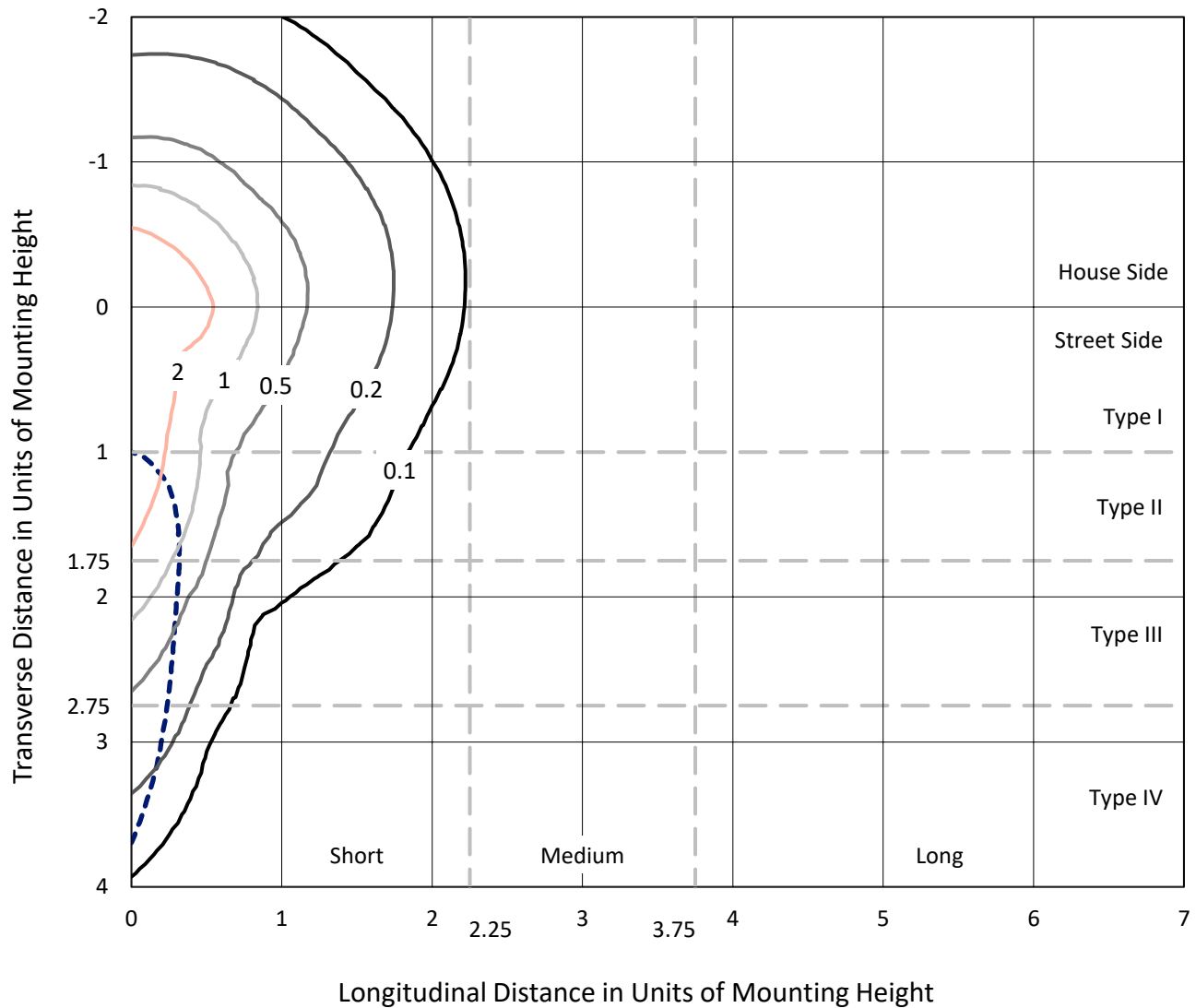


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Iso-Footcandle Lines of Horizontal Illumination

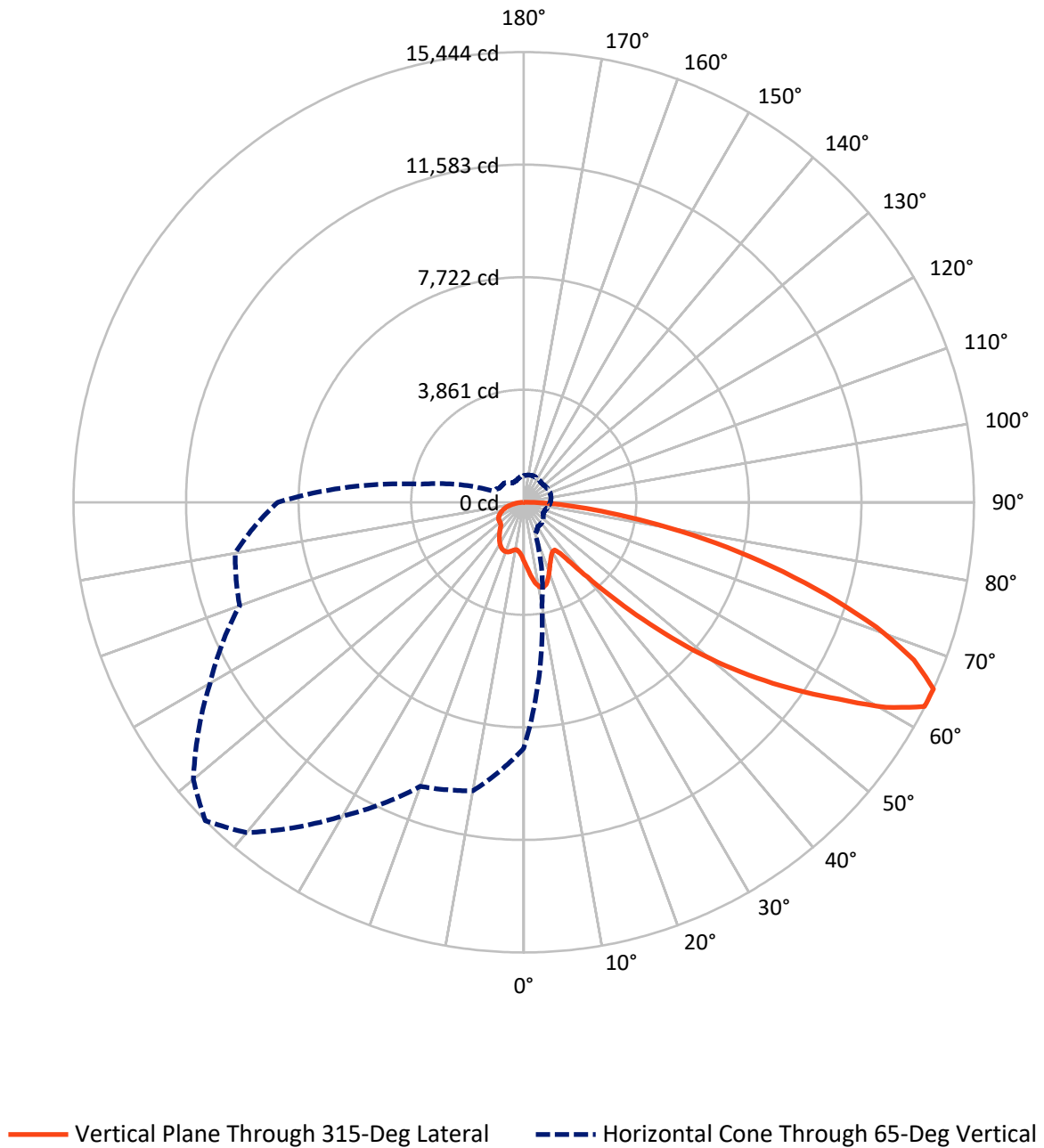
× Max cd
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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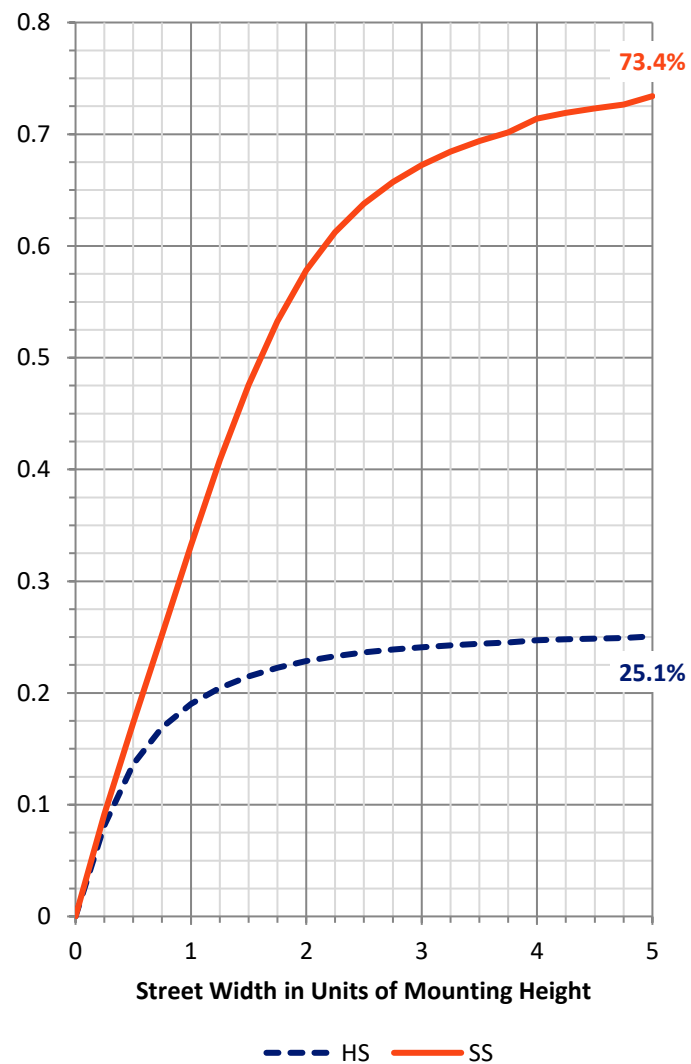
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3760.9	0.0	3760.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	11037.1	0.0	11037.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	14798.0	0.0	14798.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.9	1.4
10°-20°	633.7	4.3
20°-30°	978.8	6.6
30°-40°	1240.4	8.4
40°-50°	1870.8	12.6
50°-60°	3022.6	20.4
60°-70°	3768.1	25.5
70°-80°	2470.9	16.7
80°-90°	610.9	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°	14798.0	100.0
0°-180°	14798.0	100.0

Coefficient of Utilization



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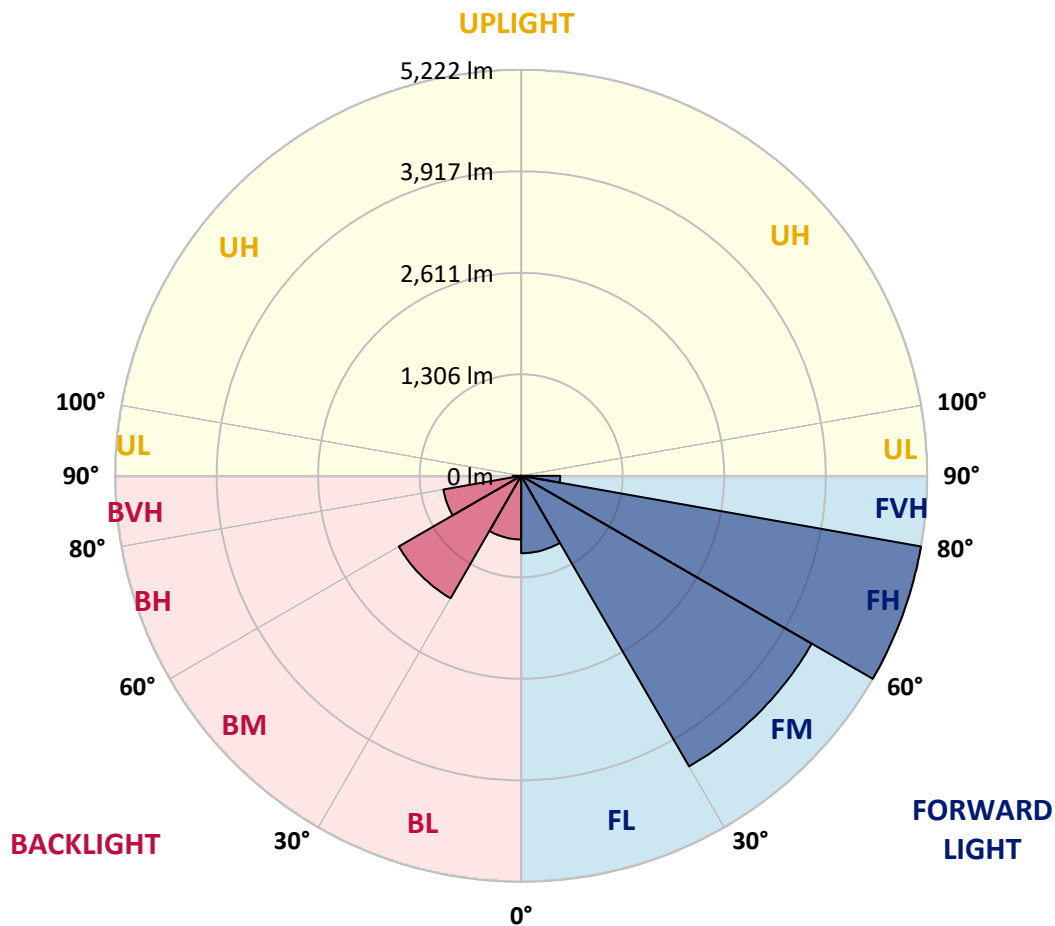
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	995.3	6.7			
FM	(30°-60°)	4316.3	29.2			
FH	(60°-80°)	5222.3	35.3			G3/7500
FVH	(80°-90°)	503.2	3.4			G4/750
BL	(0°-30°)	819.0	5.5	B2/1000		
BM	(30°-60°)	1817.5	12.3	B2/2500		
BH	(60°-80°)	1016.8	6.9	B3/2500		G3/2500
BVH	(80°-90°)	107.6	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°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	2188.3	2171.5	2154.7	2136.8	2119.0	2101.1	2083.1	2065.9	2048.8	2032.1	2013.6
5°	2353.0	2316.0	2278.9	2241.9	2204.9	2167.7	2130.5	2095.8	2061.0	2028.2	1995.8
7.5°	2518.6	2457.4	2396.2	2339.7	2283.2	2228.1	2173.1	2124.6	2076.1	2031.3	1989.4
10°	2645.5	2568.1	2490.7	2416.0	2341.3	2274.5	2207.6	2150.3	2092.8	2037.6	1992.5
12.5°	2723.2	2638.1	2553.2	2468.5	2383.9	2305.0	2226.2	2161.3	2096.4	2038.4	1996.4
15°	2770.4	2681.8	2593.1	2501.3	2409.5	2318.7	2227.9	2152.8	2077.6	2013.4	1979.8
17.5°	2796.9	2707.1	2617.2	2517.0	2416.8	2311.4	2206.0	2115.7	2025.3	1949.7	1929.0
20°	2826.2	2732.8	2639.4	2529.3	2419.2	2291.4	2163.7	2051.7	1939.7	1851.7	1846.3
22.5°	2860.2	2764.8	2669.3	2545.8	2422.3	2266.9	2111.5	1976.7	1841.8	1741.6	1752.3
25°	2903.9	2810.4	2716.9	2575.8	2434.6	2242.7	2050.9	1892.9	1735.0	1632.3	1661.2
27.5°	2963.3	2874.1	2784.8	2622.7	2460.4	2226.5	1992.7	1816.3	1639.9	1546.4	1581.6
30°	3043.3	2957.1	2871.0	2683.3	2495.7	2219.0	1942.1	1752.3	1562.4	1484.0	1511.5
32.5°	3137.8	3052.4	2967.2	2746.7	2526.2	2209.6	1892.9	1697.1	1501.2	1437.9	1450.2
35°	3252.6	3170.9	3089.1	2818.8	2548.5	2192.0	1835.6	1642.8	1450.0	1397.3	1392.2
37.5°	3445.8	3341.7	3237.5	2899.6	2561.8	2161.7	1761.7	1578.9	1396.1	1350.1	1331.5
40°	3737.9	3586.1	3434.3	3002.2	2570.1	2120.1	1670.2	1502.7	1335.2	1293.5	1265.0
42.5°	4125.1	3906.0	3686.9	3136.5	2586.0	2077.2	1568.5	1418.6	1268.7	1230.2	1194.3
45°	4603.4	4307.9	4012.3	3313.1	2613.8	2037.3	1460.8	1329.3	1197.8	1158.8	1124.0
47.5°	5201.5	4785.6	4369.5	3501.3	2633.0	2004.3	1375.7	1258.6	1141.6	1091.2	1061.3
50°	5985.5	5358.4	4731.2	3675.9	2620.5	1968.4	1316.3	1211.7	1107.1	1040.9	1006.1
52.5°	6885.4	5960.1	5034.8	3789.2	2543.6	1907.7	1272.0	1180.8	1089.7	1013.5	965.0
55°	7843.5	6493.6	5143.7	3764.2	2384.7	1807.2	1229.7	1158.4	1087.1	1016.3	943.1
57.5°	8714.9	6871.6	5028.4	3588.4	2148.5	1665.4	1182.2	1131.8	1081.5	1019.0	930.0
60°	9241.6	6966.1	4690.6	3261.2	1831.7	1481.2	1130.8	1091.2	1051.6	1010.4	917.6
62.5°	8974.1	6568.3	4162.5	2818.7	1474.8	1260.9	1046.9	1020.6	994.4	989.3	903.3
65°	8438.9	6005.4	3571.9	2367.2	1162.5	1062.6	962.8	950.4	937.9	938.6	873.0
67.5°	7721.7	5335.5	2949.4	1924.9	900.5	872.1	843.7	850.6	857.5	855.8	818.9
70°	6860.0	4604.6	2349.1	1515.6	682.1	690.2	698.2	730.4	762.5	762.5	750.4
72.5°	5833.2	3812.2	1791.2	1158.7	526.1	550.6	575.1	620.7	666.2	673.9	674.0
75°	4534.3	2903.8	1273.4	841.0	408.5	430.7	452.9	504.0	555.0	590.3	587.3
77.5°	3239.7	2032.4	825.2	569.9	314.5	329.6	344.7	394.3	443.9	502.1	500.5
80°	2120.4	1309.5	498.6	367.1	235.8	242.1	248.3	290.3	332.2	401.7	401.5
82.5°	1232.5	757.9	283.3	225.8	168.5	169.6	170.8	201.8	232.7	292.0	295.3
85°	542.3	340.9	139.6	120.7	101.9	101.4	100.7	123.4	146.0	190.1	194.4
87.5°	167.9	111.7	55.4	50.1	44.7	44.1	43.6	52.8	62.1	80.4	85.9
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°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	1998.6	1983.7	1970.2	1956.8	1945.0	1933.2	1921.3	1909.5	1900.4	1891.2	1883.8
5°	1967.5	1939.2	1915.5	1891.8	1870.9	1850.0	1831.0	1811.9	1797.3	1782.6	1772.4
7.5°	1951.8	1914.2	1883.0	1851.7	1825.4	1799.0	1775.8	1752.6	1735.2	1717.8	1705.7
10°	1952.9	1913.2	1882.0	1850.7	1822.4	1794.0	1767.8	1741.6	1720.9	1700.0	1686.4
12.5°	1964.0	1931.6	1910.9	1890.2	1867.9	1845.7	1818.6	1791.6	1765.1	1738.5	1721.0
15°	1964.3	1948.8	1951.6	1954.4	1948.6	1942.9	1919.4	1895.9	1858.1	1820.3	1793.6
17.5°	1934.7	1940.4	1974.4	2008.5	2026.6	2044.6	2025.6	2006.7	1956.7	1906.6	1867.3
20°	1872.8	1899.4	1958.5	2017.7	2055.5	2093.4	2084.7	2075.8	2018.6	1961.5	1913.2
22.5°	1791.6	1830.9	1898.4	1966.0	2015.3	2064.5	2069.8	2075.1	2020.4	1965.7	1916.1
25°	1706.5	1751.8	1812.5	1873.2	1921.7	1970.2	1988.3	2006.4	1961.5	1916.8	1872.6
27.5°	1625.3	1669.0	1718.9	1768.7	1807.6	1846.5	1866.7	1886.9	1854.9	1823.1	1788.8
30°	1546.2	1581.0	1622.4	1663.8	1696.0	1728.4	1744.8	1761.2	1736.9	1712.5	1688.0
32.5°	1470.7	1491.2	1524.3	1557.4	1588.3	1619.3	1637.5	1655.8	1633.4	1611.0	1591.4
35°	1397.8	1403.5	1428.8	1453.9	1484.5	1515.2	1537.1	1558.9	1543.0	1527.2	1509.0
37.5°	1325.2	1319.0	1337.1	1355.1	1385.7	1416.3	1443.3	1470.3	1463.0	1455.6	1439.0
40°	1250.8	1236.7	1249.7	1262.8	1292.3	1321.8	1352.9	1384.0	1385.8	1387.5	1373.4
42.5°	1175.5	1156.8	1167.4	1178.1	1206.1	1234.1	1267.7	1301.3	1310.2	1319.2	1307.3
45°	1105.7	1087.5	1096.4	1105.5	1132.1	1158.6	1193.4	1228.3	1241.1	1254.0	1243.2
47.5°	1046.0	1030.7	1039.1	1047.5	1073.5	1099.4	1133.8	1168.1	1183.0	1197.8	1190.3
50°	992.5	979.0	992.1	1005.3	1029.8	1054.3	1085.0	1115.8	1134.9	1153.9	1153.4
52.5°	951.5	938.2	957.9	977.6	1000.1	1022.5	1051.2	1079.9	1102.5	1125.0	1129.1
55°	921.9	900.7	928.7	956.7	980.9	1005.1	1030.2	1055.3	1079.2	1103.2	1108.8
57.5°	899.1	868.1	898.3	928.4	956.8	985.3	1010.1	1035.0	1059.1	1083.2	1088.9
60°	877.6	837.4	863.9	890.3	922.9	955.6	980.8	1006.1	1030.3	1054.5	1060.8
62.5°	853.1	803.1	819.9	836.7	874.7	912.8	939.7	966.7	988.8	1011.0	1017.0
65°	819.7	766.4	772.9	779.3	820.0	860.9	886.6	912.4	931.9	951.4	957.6
67.5°	774.6	730.2	728.2	726.2	763.8	801.5	826.0	850.3	867.2	884.1	890.1
70°	718.8	687.3	680.3	673.2	706.3	739.4	760.5	781.6	796.8	812.1	817.8
72.5°	652.4	630.8	620.5	610.2	636.3	662.3	681.4	700.4	715.3	730.2	737.1
75°	570.7	554.0	544.2	534.2	553.6	573.0	590.2	607.5	621.1	634.7	641.8
77.5°	487.2	473.8	463.8	453.8	469.6	485.3	500.1	515.0	529.2	543.5	550.2
80°	390.3	379.1	370.7	362.3	375.4	388.5	401.0	413.5	424.3	435.1	444.0
82.5°	289.8	284.4	278.4	272.5	271.4	270.3	266.0	261.6	284.7	307.8	323.0
85°	188.6	182.7	176.1	169.4	163.8	158.1	146.0	133.9	155.5	177.2	196.0
87.5°	83.5	81.2	80.0	78.7	78.5	78.2	69.0	59.7	68.8	77.9	85.5
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°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	1876.3	1870.6	1864.8	1859.5	1854.1	1847.5	1854.1	1859.5	1864.8	1870.6	1876.3
5°	1762.2	1754.9	1747.7	1742.1	1736.6	1731.1	1736.6	1742.1	1747.7	1754.9	1762.2
7.5°	1693.5	1685.1	1676.8	1671.8	1666.9	1663.2	1666.9	1671.8	1676.8	1685.1	1693.5
10°	1672.7	1664.8	1656.9	1652.7	1648.5	1646.8	1648.5	1652.7	1656.9	1664.8	1672.7
12.5°	1703.4	1694.6	1685.8	1682.2	1678.6	1678.0	1678.6	1682.2	1685.8	1694.6	1703.4
15°	1766.9	1754.6	1742.4	1737.7	1733.1	1732.7	1733.1	1737.7	1742.4	1754.6	1766.9
17.5°	1827.9	1809.8	1791.6	1785.7	1779.7	1778.7	1779.7	1785.7	1791.6	1809.8	1827.9
20°	1865.0	1841.8	1818.6	1811.1	1803.7	1801.4	1803.7	1811.1	1818.6	1841.8	1865.0
22.5°	1866.3	1841.9	1817.4	1809.2	1801.0	1797.5	1801.0	1809.2	1817.4	1841.9	1866.3
25°	1828.6	1807.3	1786.2	1778.4	1770.8	1766.2	1770.8	1778.4	1786.2	1807.3	1828.6
27.5°	1754.5	1740.3	1726.0	1722.5	1719.0	1717.8	1719.0	1722.5	1726.0	1740.3	1754.5
30°	1663.3	1656.1	1648.7	1648.7	1648.7	1649.9	1648.7	1648.7	1648.7	1656.1	1663.3
32.5°	1571.8	1567.1	1562.3	1562.9	1563.6	1564.8	1563.6	1562.9	1562.3	1567.1	1571.8
35°	1491.0	1483.7	1476.6	1475.0	1473.4	1472.7	1473.4	1475.0	1476.6	1483.7	1491.0
37.5°	1422.3	1409.1	1396.0	1389.0	1382.1	1378.2	1382.1	1389.0	1396.0	1409.1	1422.3
40°	1359.3	1340.1	1321.0	1308.1	1295.2	1287.6	1295.2	1308.1	1321.0	1340.1	1359.3
42.5°	1295.4	1271.6	1247.8	1229.0	1210.1	1197.8	1210.1	1229.0	1247.8	1271.6	1295.4
45°	1232.5	1205.3	1178.1	1156.0	1133.9	1119.7	1133.9	1156.0	1178.1	1205.3	1232.5
47.5°	1182.8	1158.6	1134.4	1113.9	1093.6	1079.9	1093.6	1113.9	1134.4	1158.6	1182.8
50°	1153.1	1133.8	1114.4	1095.5	1076.6	1063.5	1076.6	1095.5	1114.4	1133.8	1153.1
52.5°	1133.1	1117.4	1101.6	1084.7	1067.8	1055.7	1067.8	1084.7	1101.6	1117.4	1133.1
55°	1114.4	1100.7	1086.9	1072.1	1057.2	1046.3	1057.2	1072.1	1086.9	1100.7	1114.4
57.5°	1094.6	1080.7	1066.8	1052.1	1037.3	1026.0	1037.3	1052.1	1066.8	1080.7	1094.6
60°	1067.0	1053.4	1039.9	1024.8	1009.6	997.9	1009.6	1024.8	1039.9	1053.4	1067.0
62.5°	1023.0	1010.8	998.5	982.6	966.7	952.6	966.7	982.6	998.5	1010.8	1023.0
65°	963.7	951.9	940.1	924.7	909.3	897.2	909.3	924.7	940.1	951.9	963.7
67.5°	896.0	885.2	874.4	860.0	845.6	834.7	845.6	860.0	874.4	885.2	896.0
70°	823.6	814.8	806.0	792.2	778.5	766.0	778.5	792.2	806.0	814.8	823.6
72.5°	744.0	736.6	729.3	716.2	703.1	691.0	703.1	716.2	729.3	736.6	744.0
75°	649.0	645.4	641.8	630.8	619.8	608.3	619.8	630.8	641.8	645.4	649.0
77.5°	556.9	551.9	546.7	535.7	524.6	515.4	524.6	535.7	546.7	551.9	556.9
80°	452.9	450.7	448.6	433.7	418.7	401.3	418.7	433.7	448.6	450.7	452.9
82.5°	338.1	337.2	336.1	323.6	310.9	299.8	310.9	323.6	336.1	337.2	338.1
85°	214.7	213.2	211.6	201.8	191.9	181.9	191.9	201.8	211.6	213.2	214.7
87.5°	93.1	91.2	89.2	84.2	79.0	74.2	79.0	84.2	89.2	91.2	93.1
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: P949126

CATALOG NUMBER: GALN-SB4A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	1883.8	1891.2	1900.4	1909.5	1921.3	1933.2	1945.0	1956.8	1970.2	1983.7	1998.6
5°	1772.4	1782.6	1797.3	1811.9	1831.0	1850.0	1870.9	1891.8	1915.5	1939.2	1967.5
7.5°	1705.7	1717.8	1735.2	1752.6	1775.8	1799.0	1825.4	1851.7	1883.0	1914.2	1951.8
10°	1686.4	1700.0	1720.9	1741.6	1767.8	1794.0	1822.4	1850.7	1882.0	1913.2	1952.9
12.5°	1721.0	1738.5	1765.1	1791.6	1818.6	1845.7	1867.9	1890.2	1910.9	1931.6	1964.0
15°	1793.6	1820.3	1858.1	1895.9	1919.4	1942.9	1948.6	1954.4	1951.6	1948.8	1964.3
17.5°	1867.3	1906.6	1956.7	2006.7	2025.6	2044.6	2026.6	2008.5	1974.4	1940.4	1934.7
20°	1913.2	1961.5	2018.6	2075.8	2084.7	2093.4	2055.5	2017.7	1958.5	1899.4	1872.8
22.5°	1916.1	1965.7	2020.4	2075.1	2069.8	2064.5	2015.3	1966.0	1898.4	1830.9	1791.6
25°	1872.6	1916.8	1961.5	2006.4	1988.3	1970.2	1921.7	1873.2	1812.5	1751.8	1706.5
27.5°	1788.8	1823.1	1854.9	1886.9	1866.7	1846.5	1807.6	1768.7	1718.9	1669.0	1625.3
30°	1688.0	1712.5	1736.9	1761.2	1744.8	1728.4	1696.0	1663.8	1622.4	1581.0	1546.2
32.5°	1591.4	1611.0	1633.4	1655.8	1637.5	1619.3	1588.3	1557.4	1524.3	1491.2	1470.7
35°	1509.0	1527.2	1543.0	1558.9	1537.1	1515.2	1484.5	1453.9	1428.8	1403.5	1397.8
37.5°	1439.0	1455.6	1463.0	1470.3	1443.3	1416.3	1385.7	1355.1	1337.1	1319.0	1325.2
40°	1373.4	1387.5	1385.8	1384.0	1352.9	1321.8	1292.3	1262.8	1249.7	1236.7	1250.8
42.5°	1307.3	1319.2	1310.2	1301.3	1267.7	1234.1	1206.1	1178.1	1167.4	1156.8	1175.5
45°	1243.2	1254.0	1241.1	1228.3	1193.4	1158.6	1132.1	1105.5	1096.4	1087.5	1105.7
47.5°	1190.3	1197.8	1183.0	1168.1	1133.8	1099.4	1073.5	1047.5	1039.1	1030.7	1046.0
50°	1153.4	1153.9	1134.9	1115.8	1085.0	1054.3	1029.8	1005.3	992.1	979.0	992.5
52.5°	1129.1	1125.0	1102.5	1079.9	1051.2	1022.5	1000.1	977.6	957.9	938.2	951.5
55°	1108.8	1103.2	1079.2	1055.3	1030.2	1005.1	980.9	956.7	928.7	900.7	921.9
57.5°	1088.9	1083.2	1059.1	1035.0	1010.1	985.3	956.8	928.4	898.3	868.1	899.1
60°	1060.8	1054.5	1030.3	1006.1	980.8	955.6	922.9	890.3	863.9	837.4	877.6
62.5°	1017.0	1011.0	988.8	966.7	939.7	912.8	874.7	836.7	819.9	803.1	853.1
65°	957.6	951.4	931.9	912.4	886.6	860.9	820.0	779.3	772.9	766.4	819.7
67.5°	890.1	884.1	867.2	850.3	826.0	801.5	763.8	726.2	728.2	730.2	774.6
70°	817.8	812.1	796.8	781.6	760.5	739.4	706.3	673.2	680.3	687.3	718.8
72.5°	737.1	730.2	715.3	700.4	681.4	662.3	636.3	610.2	620.5	630.8	652.4
75°	641.8	634.7	621.1	607.5	590.2	573.0	553.6	534.2	544.2	554.0	570.7
77.5°	550.2	543.5	529.2	515.0	500.1	485.3	469.6	453.8	463.8	473.8	487.2
80°	444.0	435.1	424.3	413.5	401.0	388.5	375.4	362.3	370.7	379.1	390.3
82.5°	323.0	307.8	284.7	261.6	266.0	270.3	271.4	272.5	278.4	284.4	289.8
85°	196.0	177.2	155.5	133.9	146.0	158.1	163.8	169.4	176.1	182.7	188.6
87.5°	85.5	77.9	68.8	59.7	69.0	78.2	78.5	78.7	80.0	81.2	83.5
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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CATALOG NUMBER: GALN-SB4A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	2013.6	2032.1	2048.8	2065.9	2083.1	2101.1	2119.0	2136.8	2154.7	2171.5	2188.3
5°	1995.8	2028.2	2061.0	2095.8	2130.5	2167.7	2204.9	2241.9	2278.9	2316.0	2353.0
7.5°	1989.4	2031.3	2076.1	2124.6	2173.1	2228.1	2283.2	2339.7	2396.2	2457.4	2518.6
10°	1992.5	2037.6	2092.8	2150.3	2207.6	2274.5	2341.3	2416.0	2490.7	2568.1	2645.5
12.5°	1996.4	2038.4	2096.4	2161.3	2226.2	2305.0	2383.9	2468.5	2553.2	2638.1	2723.2
15°	1979.8	2013.4	2077.6	2152.8	2227.9	2318.7	2409.5	2501.3	2593.1	2681.8	2770.4
17.5°	1929.0	1949.7	2025.3	2115.7	2206.0	2311.4	2416.8	2517.0	2617.2	2707.1	2796.9
20°	1846.3	1851.7	1939.7	2051.7	2163.7	2291.4	2419.2	2529.3	2639.4	2732.8	2826.2
22.5°	1752.3	1741.6	1841.8	1976.7	2111.5	2266.9	2422.3	2545.8	2669.3	2764.8	2860.2
25°	1661.2	1632.3	1735.0	1892.9	2050.9	2242.7	2434.6	2575.8	2716.9	2810.4	2903.9
27.5°	1581.6	1546.4	1639.9	1816.3	1992.7	2226.5	2460.4	2622.7	2784.8	2874.1	2963.3
30°	1511.5	1484.0	1562.4	1752.3	1942.1	2219.0	2495.7	2683.3	2871.0	2957.1	3043.3
32.5°	1450.2	1437.9	1501.2	1697.1	1892.9	2209.6	2526.2	2746.7	2967.2	3052.4	3137.8
35°	1392.2	1397.3	1450.0	1642.8	1835.6	2192.0	2548.5	2818.8	3089.1	3170.9	3252.6
37.5°	1331.5	1350.1	1396.1	1578.9	1761.7	2161.7	2561.8	2899.6	3237.5	3341.7	3445.8
40°	1265.0	1293.5	1335.2	1502.7	1670.2	2120.1	2570.1	3002.2	3434.3	3586.1	3737.9
42.5°	1194.3	1230.2	1268.7	1418.6	1568.5	2077.2	2586.0	3136.5	3686.9	3906.0	4125.1
45°	1124.0	1158.8	1197.8	1329.3	1460.8	2037.3	2613.8	3313.1	4012.3	4307.9	4603.4
47.5°	1061.3	1091.2	1141.6	1258.6	1375.7	2004.3	2633.0	3501.3	4369.5	4785.6	5201.5
50°	1006.1	1040.9	1107.1	1211.7	1316.3	1968.4	2620.5	3675.9	4731.2	5358.4	5985.5
52.5°	965.0	1013.5	1089.7	1180.8	1272.0	1907.7	2543.6	3789.2	5034.8	5960.1	6885.4
55°	943.1	1016.3	1087.1	1158.4	1229.7	1807.2	2384.7	3764.2	5143.7	6493.6	7843.5
57.5°	930.0	1019.0	1081.5	1131.8	1182.2	1665.4	2148.5	3588.4	5028.4	6871.6	8714.9
60°	917.6	1010.4	1051.6	1091.2	1130.8	1481.2	1831.7	3261.2	4690.6	6966.1	9241.6
62.5°	903.3	989.3	994.4	1020.6	1046.9	1260.9	1474.8	2818.7	4162.5	6568.3	8974.1
65°	873.0	938.6	937.9	950.4	962.8	1062.6	1162.5	2367.2	3571.9	6005.4	8438.9
67.5°	818.9	855.8	857.5	850.6	843.7	872.1	900.5	1924.9	2949.4	5335.5	7721.7
70°	750.4	762.5	762.5	730.4	698.2	690.2	682.1	1515.6	2349.1	4604.6	6860.0
72.5°	674.0	673.9	666.2	620.7	575.1	550.6	526.1	1158.7	1791.2	3812.2	5833.2
75°	587.3	590.3	555.0	504.0	452.9	430.7	408.5	841.0	1273.4	2903.8	4534.3
77.5°	500.5	502.1	443.9	394.3	344.7	329.6	314.5	569.9	825.2	2032.4	3239.7
80°	401.5	401.7	332.2	290.3	248.3	242.1	235.8	367.1	498.6	1309.5	2120.4
82.5°	295.3	292.0	232.7	201.8	170.8	169.6	168.5	225.8	283.3	757.9	1232.5
85°	194.4	190.1	146.0	123.4	100.7	101.4	101.9	120.7	139.6	340.9	542.3
87.5°	85.9	80.4	62.1	52.8	43.6	44.1	44.7	50.1	55.4	111.7	167.9
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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CATALOG NUMBER: GALN-SB4A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	2196.6	2204.9	2216.7	2228.5	2235.5	2242.6	2246.1	2249.6	2248.0	2249.6	2246.1
5°	2382.0	2411.1	2439.8	2468.6	2484.2	2499.8	2509.3	2518.8	2526.0	2518.8	2509.3
7.5°	2565.7	2612.8	2655.2	2697.6	2723.2	2748.7	2762.5	2776.3	2782.9	2776.3	2762.5
10°	2701.2	2757.0	2806.7	2856.4	2886.6	2916.6	2930.0	2943.4	2948.4	2943.4	2930.0
12.5°	2783.6	2844.0	2888.9	2933.7	2955.6	2977.5	2984.8	2992.2	2992.9	2992.2	2984.8
15°	2822.6	2874.6	2902.8	2931.1	2931.9	2932.7	2924.8	2917.0	2907.8	2917.0	2924.8
17.5°	2832.2	2867.4	2867.9	2868.4	2836.8	2805.1	2776.2	2747.1	2726.7	2747.1	2776.2
20°	2838.5	2850.8	2813.7	2776.6	2706.8	2637.0	2586.2	2535.4	2504.1	2535.4	2586.2
22.5°	2844.1	2828.0	2751.2	2674.4	2571.7	2469.0	2405.4	2341.9	2307.4	2341.9	2405.4
25°	2853.2	2802.4	2685.8	2569.1	2444.4	2319.7	2252.9	2186.2	2153.5	2186.2	2252.9
27.5°	2872.5	2781.7	2627.2	2472.7	2334.5	2196.3	2130.6	2064.9	2034.1	2064.9	2130.6
30°	2908.0	2772.7	2582.5	2392.3	2248.3	2104.3	2043.4	1982.4	1953.6	1982.4	2043.4
32.5°	2952.5	2767.3	2552.1	2336.9	2201.6	2066.2	2018.4	1970.4	1949.7	1970.4	2018.4
35°	3025.8	2799.1	2574.9	2350.7	2256.7	2162.8	2151.6	2140.4	2138.7	2140.4	2151.6
37.5°	3179.1	2912.4	2708.6	2504.8	2498.7	2492.6	2543.6	2594.7	2621.3	2594.7	2543.6
40°	3447.8	3157.7	3006.1	2854.6	2961.5	3068.5	3192.7	3316.8	3378.7	3316.8	3192.7
42.5°	3837.3	3549.5	3462.2	3374.9	3608.2	3841.5	4067.4	4293.2	4425.8	4293.2	4067.4
45°	4344.9	4086.3	4047.8	4009.2	4383.0	4756.8	5127.9	5499.0	5724.3	5499.0	5127.9
47.5°	4950.0	4698.4	4690.6	4682.8	5222.1	5761.1	6304.4	6847.5	7166.5	6847.5	6304.4
50°	5674.8	5364.2	5365.5	5366.8	6061.8	6756.7	7473.7	8190.8	8624.3	8190.8	7473.7
52.5°	6509.2	6133.1	6095.0	6056.9	6887.0	7717.1	8604.3	9491.4	10011.1	9491.4	8604.3
55°	7471.8	7100.1	6951.8	6803.6	7727.4	8651.2	9708.9	10766.5	11384.6	10766.5	9708.9
57.5°	8512.5	8310.0	8012.6	7715.3	8648.1	9581.0	10778.9	11976.8	12743.2	11976.8	10778.9
60°	9555.9	9870.4	9501.0	9131.7	10014.5	10897.3	12179.9	13462.5	14290.8	13462.5	12179.9
62.5°	9833.1	10692.1	10650.5	10608.8	11417.5	12226.3	13446.6	14666.8	15432.4	14666.8	13446.6
65°	9245.1	10051.3	10210.8	10370.3	11398.0	12425.8	13609.1	14792.3	15444.1	14792.3	13609.1
67.5°	8488.4	9255.2	9330.0	9404.8	10475.6	11546.3	12734.7	13923.0	14433.7	13923.0	12734.7
70°	7694.0	8528.1	8561.5	8595.0	9552.6	10510.2	11532.8	12555.4	12839.2	12555.4	11532.8
72.5°	6790.3	7747.4	7771.5	7795.5	8544.7	9293.9	10059.8	10825.6	10854.4	10825.6	10059.8
75°	5524.9	6515.4	6604.4	6693.3	7276.2	7859.1	8398.3	8937.4	8793.0	8937.4	8398.3
77.5°	4164.3	5089.1	5216.4	5343.6	5786.8	6229.9	6612.3	6994.7	6746.4	6994.7	6612.3
80°	2898.3	3676.2	3834.4	3992.6	4327.2	4661.7	4862.6	5063.3	4663.9	5063.3	4862.6
82.5°	1764.4	2296.3	2473.0	2649.8	2880.1	3110.5	3194.2	3277.9	2964.0	3277.9	3194.2
85°	824.6	1106.8	1257.1	1407.5	1596.7	1785.9	1833.5	1881.0	1629.6	1881.0	1833.5
87.5°	262.8	357.6	441.5	525.3	620.0	714.6	718.7	722.7	606.7	722.7	718.7
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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CATALOG NUMBER: GALN-SB4A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9	2034.9
2.5°	2242.6	2235.5	2228.5	2216.7	2204.9	2196.6	2188.3
5°	2499.8	2484.2	2468.6	2439.8	2411.1	2382.0	2353.0
7.5°	2748.7	2723.2	2697.6	2655.2	2612.8	2565.7	2518.6
10°	2916.6	2886.6	2856.4	2806.7	2757.0	2701.2	2645.5
12.5°	2977.5	2955.6	2933.7	2888.9	2844.0	2783.6	2723.2
15°	2932.7	2931.9	2931.1	2902.8	2874.6	2822.6	2770.4
17.5°	2805.1	2836.8	2868.4	2867.9	2867.4	2832.2	2796.9
20°	2637.0	2706.8	2776.6	2813.7	2850.8	2838.5	2826.2
22.5°	2469.0	2571.7	2674.4	2751.2	2828.0	2844.1	2860.2
25°	2319.7	2444.4	2569.1	2685.8	2802.4	2853.2	2903.9
27.5°	2196.3	2334.5	2472.7	2627.2	2781.7	2872.5	2963.3
30°	2104.3	2248.3	2392.3	2582.5	2772.7	2908.0	3043.3
32.5°	2066.2	2201.6	2336.9	2552.1	2767.3	2952.5	3137.8
35°	2162.8	2256.7	2350.7	2574.9	2799.1	3025.8	3252.6
37.5°	2492.6	2498.7	2504.8	2708.6	2912.4	3179.1	3445.8
40°	3068.5	2961.5	2854.6	3006.1	3157.7	3447.8	3737.9
42.5°	3841.5	3608.2	3374.9	3462.2	3549.5	3837.3	4125.1
45°	4756.8	4383.0	4009.2	4047.8	4086.3	4344.9	4603.4
47.5°	5761.1	5222.1	4682.8	4690.6	4698.4	4950.0	5201.5
50°	6756.7	6061.8	5366.8	5365.5	5364.2	5674.8	5985.5
52.5°	7717.1	6887.0	6056.9	6095.0	6133.1	6509.2	6885.4
55°	8651.2	7727.4	6803.6	6951.8	7100.1	7471.8	7843.5
57.5°	9581.0	8648.1	7715.3	8012.6	8310.0	8512.5	8714.9
60°	10897.3	10014.5	9131.7	9501.0	9870.4	9555.9	9241.6
62.5°	12226.3	11417.5	10608.8	10650.5	10692.1	9833.1	8974.1
65°	12425.8	11398.0	10370.3	10210.8	10051.3	9245.1	8438.9
67.5°	11546.3	10475.6	9404.8	9330.0	9255.2	8488.4	7721.7
70°	10510.2	9552.6	8595.0	8561.5	8528.1	7694.0	6860.0
72.5°	9293.9	8544.7	7795.5	7771.5	7747.4	6790.3	5833.2
75°	7859.1	7276.2	6693.3	6604.4	6515.4	5524.9	4534.3
77.5°	6229.9	5786.8	5343.6	5216.4	5089.1	4164.3	3239.7
80°	4661.7	4327.2	3992.6	3834.4	3676.2	2898.3	2120.4
82.5°	3110.5	2880.1	2649.8	2473.0	2296.3	1764.4	1232.5
85°	1785.9	1596.7	1407.5	1257.1	1106.8	824.6	542.3
87.5°	714.6	620.0	525.3	441.5	357.6	262.8	167.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)