

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: P953410

Luminaire Tested: **GALN-SB7A-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953410
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-SB7A-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 26259 lumens
Efficiency: N/A
Efficacy: 131.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 199.1
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

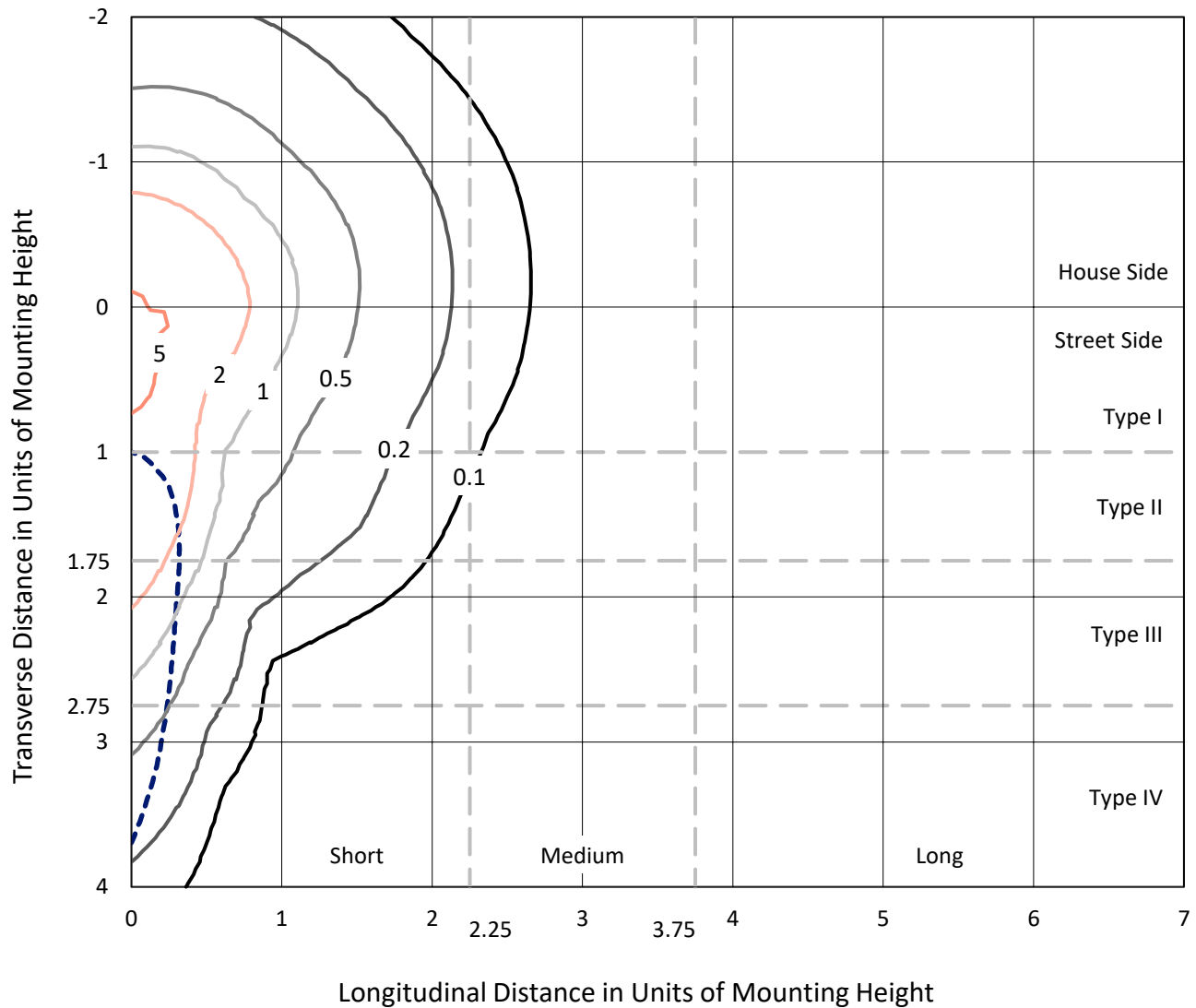


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Iso-Footcandle Lines of Horizontal Illumination

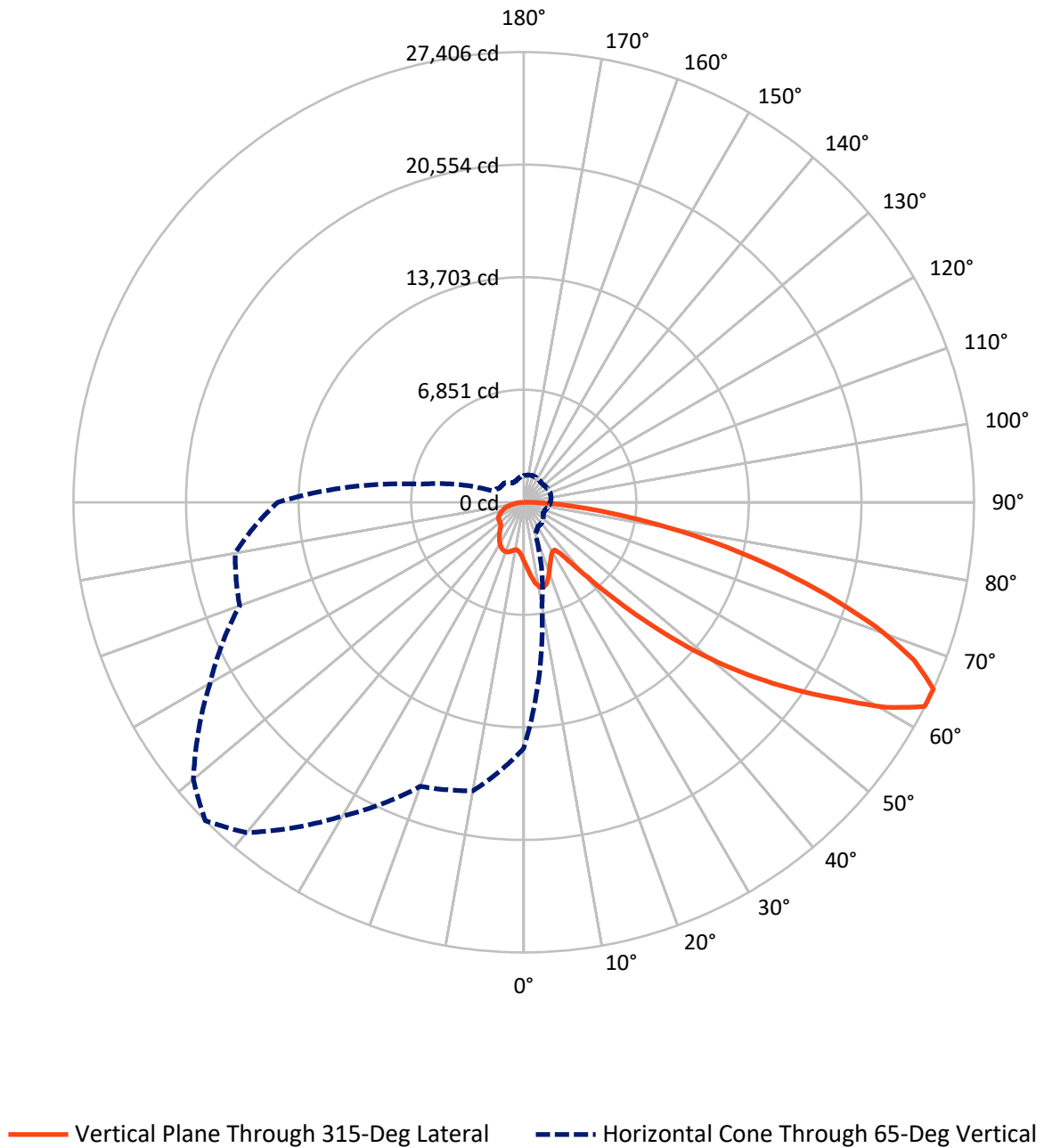
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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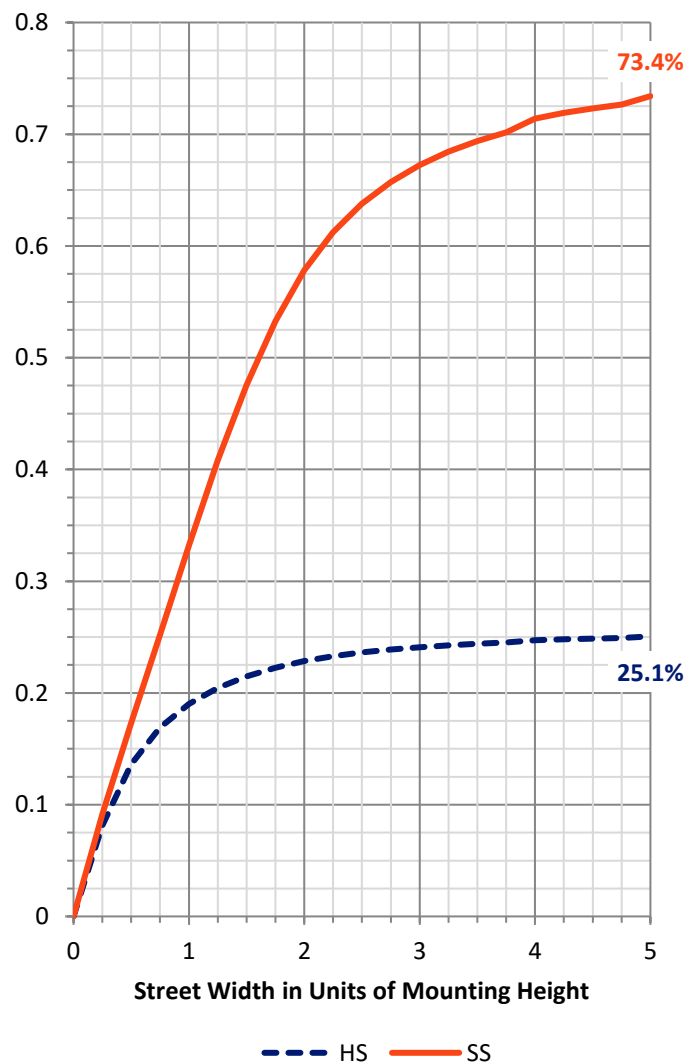
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6673.7	0.0	6673.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	19585.3	0.0	19585.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	26259.0	0.0	26259.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.2	1.4
10°-20°	1124.4	4.3
20°-30°	1736.9	6.6
30°-40°	2201.0	8.4
40°-50°	3319.7	12.6
50°-60°	5363.5	20.4
60°-70°	6686.5	25.5
70°-80°	4384.7	16.7
80°-90°	1084.0	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°	26259.0	100.0
0°-180°	26259.0	100.0

Coefficient of Utilization



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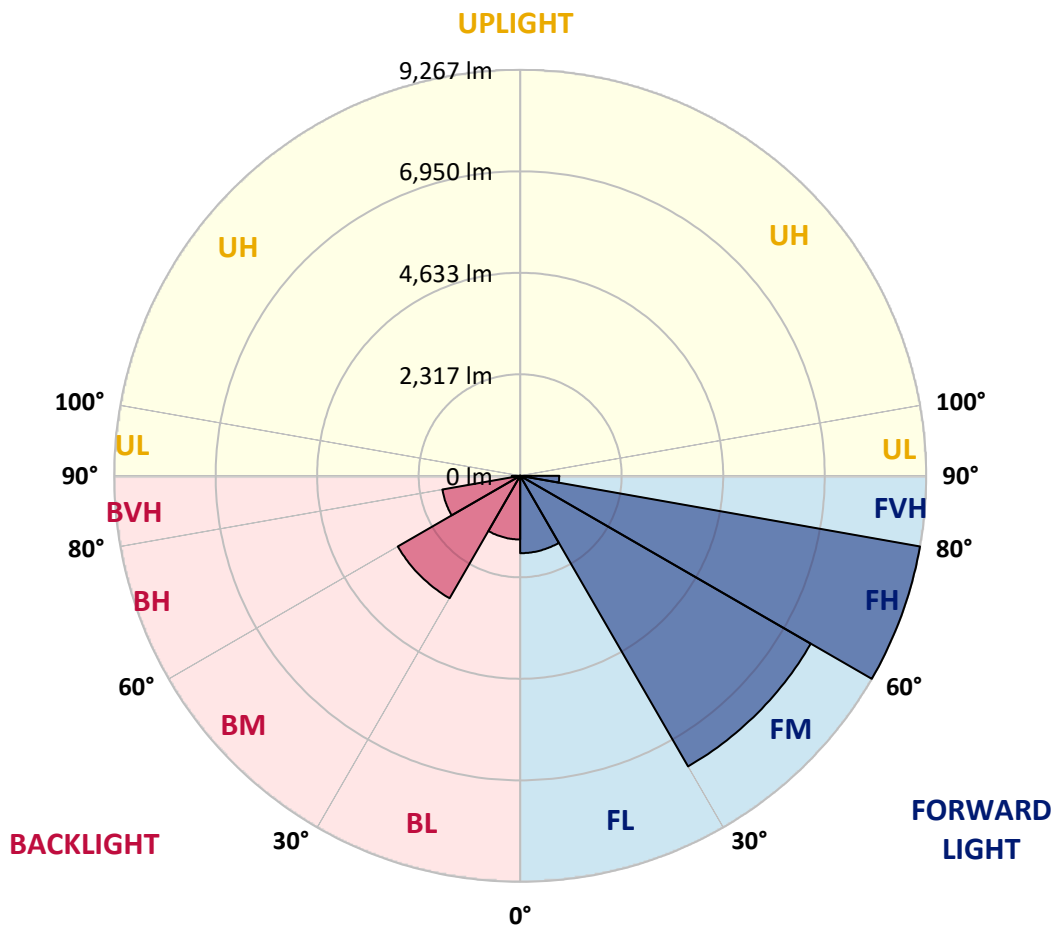
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1766.2	6.7			
FM	(30°-60°)	7659.2	29.2			
FH	(60°-80°)	9266.9	35.3			G4/12000
FVH	(80°-90°)	893.0	3.4			G5
BL	(0°-30°)	1453.3	5.5	B3/2500		
BM	(30°-60°)	3225.1	12.3	B3/5000		
BH	(60°-80°)	1804.3	6.9	B3/2500		G3/2500
BVH	(80°-90°)	191.0	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3883.1	3853.3	3823.5	3791.8	3760.2	3728.3	3696.5	3666.0	3635.5	3606.0	3573.2
5°	4175.5	4109.6	4043.8	3978.2	3912.6	3846.5	3780.6	3718.9	3657.3	3599.1	3541.6
7.5°	4469.2	4360.6	4252.1	4151.8	4051.5	3953.8	3856.1	3770.0	3684.0	3604.6	3530.2
10°	4694.4	4557.1	4419.7	4287.1	4154.7	4036.1	3917.3	3815.6	3713.6	3615.7	3535.7
12.5°	4832.2	4681.3	4530.6	4380.4	4230.2	4090.3	3950.3	3835.2	3720.0	3617.1	3542.7
15°	4916.1	4758.8	4601.5	4438.6	4275.6	4114.5	3953.4	3820.1	3686.8	3572.7	3513.2
17.5°	4963.2	4803.7	4644.2	4466.4	4288.7	4101.6	3914.6	3754.2	3593.9	3459.8	3423.1
20°	5015.1	4849.4	4683.6	4488.2	4292.8	4066.1	3839.5	3640.8	3442.1	3285.9	3276.2
22.5°	5075.4	4906.1	4736.6	4517.6	4298.4	4022.6	3746.9	3507.6	3268.3	3090.6	3109.5
25°	5153.0	4987.0	4821.1	4570.8	4320.3	3979.7	3639.2	3358.9	3078.8	2896.6	2947.8
27.5°	5258.3	5100.1	4941.7	4653.9	4366.0	3951.0	3536.0	3223.0	2910.0	2744.2	2806.5
30°	5400.3	5247.4	5094.5	4761.6	4428.6	3937.6	3446.2	3109.4	2772.6	2633.3	2682.2
32.5°	5568.0	5416.5	5265.2	4873.9	4482.6	3920.9	3358.9	3011.4	2663.8	2551.6	2573.3
35°	5771.7	5626.7	5481.7	5002.0	4522.3	3889.6	3257.2	2915.1	2573.0	2479.5	2470.5
37.5°	6114.6	5929.8	5744.9	5145.4	4545.8	3836.0	3126.2	2801.8	2477.4	2395.7	2362.7
40°	6632.8	6363.4	6094.1	5327.4	4560.7	3762.1	2963.8	2666.6	2369.4	2295.2	2244.7
42.5°	7320.1	6931.3	6542.5	5565.6	4588.8	3685.9	2783.4	2517.3	2251.3	2183.0	2119.3
45°	8168.7	7644.3	7119.8	5879.0	4638.3	3615.1	2592.2	2358.8	2125.5	2056.2	1994.6
47.5°	9230.1	8492.0	7753.7	6213.0	4672.2	3556.7	2441.1	2233.4	2025.7	1936.4	1883.3
50°	10621.2	9508.4	8395.5	6522.8	4650.0	3492.9	2335.8	2150.2	1964.5	1847.0	1785.3
52.5°	12218.1	10576.2	8934.3	6724.0	4513.5	3385.3	2257.1	2095.3	1933.6	1798.5	1712.3
55°	13918.2	11522.8	9127.6	6679.6	4231.6	3206.8	2182.0	2055.5	1929.0	1803.3	1673.5
57.5°	15464.5	12193.7	8922.9	6367.6	3812.4	2955.2	2097.8	2008.4	1919.0	1808.2	1650.2
60°	16399.1	12361.4	8323.5	5786.9	3250.3	2628.5	2006.6	1936.4	1866.1	1792.9	1628.3
62.5°	15924.5	11655.4	7386.3	5001.7	2617.1	2237.4	1857.8	1811.1	1764.5	1755.5	1602.8
65°	14974.7	10656.5	6338.4	4200.5	2062.9	1885.6	1708.4	1686.4	1664.4	1665.5	1549.1
67.5°	13702.1	9467.9	5233.6	3415.7	1597.9	1547.6	1497.1	1509.5	1521.7	1518.6	1453.2
70°	12173.1	8170.8	4168.5	2689.4	1210.3	1224.7	1239.0	1296.1	1353.0	1353.0	1331.5
72.5°	10351.0	6764.7	3178.5	2056.1	933.6	977.0	1020.5	1101.4	1182.2	1195.8	1196.0
75°	8046.1	5152.9	2259.6	1492.3	724.9	764.3	803.6	894.3	984.9	1047.5	1042.2
77.5°	5748.8	3606.5	1464.3	1011.2	558.1	584.9	611.7	699.7	787.7	890.9	888.2
80°	3762.6	2323.6	884.7	651.5	418.4	429.5	440.6	515.2	589.6	712.9	712.5
82.5°	2187.1	1344.9	502.7	400.7	299.0	300.9	303.2	358.0	412.9	518.2	524.0
85°	962.3	604.9	247.7	214.2	180.8	179.8	178.7	218.9	259.1	337.4	345.0
87.5°	297.9	198.1	98.4	88.8	79.3	78.3	77.3	93.7	110.2	142.7	152.4
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°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3546.5	3520.1	3496.1	3472.3	3451.4	3430.4	3409.4	3388.5	3372.2	3355.9	3342.7
5°	3491.4	3441.1	3399.0	3357.0	3319.9	3282.7	3249.1	3215.3	3189.3	3163.3	3145.1
7.5°	3463.4	3396.8	3341.3	3285.9	3239.2	3192.4	3151.1	3109.9	3079.1	3048.3	3026.7
10°	3465.4	3395.0	3339.5	3284.1	3233.8	3183.4	3137.0	3090.6	3053.7	3016.7	2992.6
12.5°	3485.0	3427.7	3390.8	3354.2	3314.6	3275.2	3227.2	3179.2	3132.1	3085.0	3053.8
15°	3485.6	3458.1	3463.1	3468.1	3457.9	3447.6	3405.9	3364.2	3297.1	3230.1	3182.7
17.5°	3433.2	3443.2	3503.6	3564.0	3596.2	3628.2	3594.5	3561.0	3472.1	3383.3	3313.5
20°	3323.3	3370.4	3475.3	3580.4	3647.6	3714.8	3699.2	3683.6	3582.0	3480.6	3395.0
22.5°	3179.2	3248.9	3368.6	3488.6	3576.1	3663.5	3672.9	3682.2	3585.2	3488.2	3400.1
25°	3028.2	3108.6	3216.2	3324.0	3410.1	3496.1	3528.3	3560.3	3480.7	3401.3	3322.9
27.5°	2884.1	2961.7	3050.2	3138.6	3207.6	3276.6	3312.4	3348.3	3291.6	3235.1	3174.2
30°	2743.7	2805.5	2879.0	2952.4	3009.6	3067.0	3096.1	3125.2	3082.1	3038.9	2995.4
32.5°	2609.8	2646.2	2704.8	2763.6	2818.4	2873.4	2905.7	2938.1	2898.5	2858.7	2824.0
35°	2480.5	2490.6	2535.3	2580.0	2634.3	2688.7	2727.5	2766.3	2738.1	2709.9	2677.8
37.5°	2351.6	2340.5	2372.7	2404.7	2458.9	2513.2	2561.1	2609.1	2596.0	2583.0	2553.5
40°	2219.6	2194.5	2217.6	2240.8	2293.1	2345.5	2400.7	2456.0	2459.1	2462.2	2437.1
42.5°	2086.0	2052.7	2071.6	2090.6	2140.2	2189.9	2249.5	2309.1	2325.0	2340.9	2319.7
45°	1962.1	1929.8	1945.6	1961.7	2008.8	2055.9	2117.7	2179.5	2202.4	2225.3	2206.1
47.5°	1856.1	1829.0	1843.9	1858.8	1904.9	1950.9	2011.9	2072.8	2099.2	2125.5	2112.2
50°	1761.2	1737.2	1760.5	1783.9	1827.5	1870.8	1925.4	1980.0	2013.8	2047.6	2046.8
52.5°	1688.5	1664.8	1699.8	1734.8	1774.7	1814.4	1865.3	1916.3	1956.3	1996.4	2003.6
55°	1635.8	1598.3	1648.0	1697.6	1740.6	1783.5	1828.1	1872.6	1915.0	1957.6	1967.5
57.5°	1595.4	1540.5	1594.0	1647.5	1697.9	1748.3	1792.4	1836.6	1879.4	1922.1	1932.2
60°	1557.3	1486.0	1533.0	1579.8	1637.8	1695.7	1740.4	1785.3	1828.3	1871.2	1882.3
62.5°	1513.9	1425.1	1454.9	1484.7	1552.1	1619.8	1667.6	1715.4	1754.7	1794.1	1804.7
65°	1454.6	1360.0	1371.5	1382.8	1455.1	1527.6	1573.3	1619.1	1653.7	1688.3	1699.3
67.5°	1374.5	1295.8	1292.2	1288.6	1355.4	1422.3	1465.7	1508.9	1538.8	1568.8	1579.4
70°	1275.6	1219.6	1207.1	1194.7	1253.4	1312.2	1349.6	1387.0	1414.0	1441.0	1451.3
72.5°	1157.7	1119.3	1101.0	1082.8	1129.1	1175.3	1209.1	1242.9	1269.3	1295.8	1308.0
75°	1012.7	983.1	965.6	948.0	982.4	1016.7	1047.4	1078.0	1102.1	1126.2	1139.0
77.5°	864.5	840.8	823.0	805.3	833.3	861.1	887.5	913.8	939.2	964.4	976.3
80°	692.7	672.7	657.9	642.9	666.2	689.3	711.5	733.7	752.9	772.0	787.8
82.5°	514.3	504.6	494.1	483.6	481.6	479.7	471.9	464.2	505.2	546.2	573.1
85°	334.6	324.2	312.4	300.7	290.7	280.6	259.1	237.6	276.0	314.5	347.8
87.5°	148.3	144.1	141.9	139.7	139.3	138.8	122.5	106.0	122.1	138.3	151.7
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3329.6	3319.3	3309.1	3299.6	3290.1	3278.3	3290.1	3299.6	3309.1	3319.3	3329.6
5°	3127.0	3114.1	3101.2	3091.4	3081.5	3071.8	3081.5	3091.4	3101.2	3114.1	3127.0
7.5°	3005.1	2990.2	2975.5	2966.7	2958.0	2951.3	2958.0	2966.7	2975.5	2990.2	3005.1
10°	2968.2	2954.2	2940.2	2932.7	2925.3	2922.2	2925.3	2932.7	2940.2	2954.2	2968.2
12.5°	3022.7	3007.0	2991.5	2985.1	2978.7	2977.6	2978.7	2985.1	2991.5	3007.0	3022.7
15°	3135.3	3113.6	3091.9	3083.6	3075.3	3074.6	3075.3	3083.6	3091.9	3113.6	3135.3
17.5°	3243.7	3211.5	3179.2	3168.7	3158.0	3156.4	3158.0	3168.7	3179.2	3211.5	3243.7
20°	3309.5	3268.3	3227.0	3213.9	3200.7	3196.5	3200.7	3213.9	3227.0	3268.3	3309.5
22.5°	3311.8	3268.5	3225.0	3210.4	3195.9	3189.6	3195.9	3210.4	3225.0	3268.5	3311.8
25°	3244.8	3207.1	3169.5	3155.8	3142.2	3134.2	3142.2	3155.8	3169.5	3207.1	3244.8
27.5°	3113.4	3088.2	3062.8	3056.6	3050.4	3048.3	3050.4	3056.6	3062.8	3088.2	3113.4
30°	2951.6	2938.7	2925.7	2925.7	2925.7	2927.7	2925.7	2925.7	2925.7	2938.7	2951.6
32.5°	2789.2	2780.7	2772.3	2773.4	2774.6	2776.7	2774.6	2773.4	2772.3	2780.7	2789.2
35°	2645.8	2632.9	2620.1	2617.4	2614.6	2613.2	2614.6	2617.4	2620.1	2632.9	2645.8
37.5°	2523.8	2500.4	2477.2	2464.8	2452.5	2445.6	2452.5	2464.8	2477.2	2500.4	2523.8
40°	2412.0	2377.9	2344.1	2321.1	2298.4	2284.8	2298.4	2321.1	2344.1	2377.9	2412.0
42.5°	2298.7	2256.4	2214.2	2180.8	2147.4	2125.5	2147.4	2180.8	2214.2	2256.4	2298.7
45°	2187.1	2138.8	2090.6	2051.4	2012.1	1986.9	2012.1	2051.4	2090.6	2138.8	2187.1
47.5°	2098.9	2055.9	2013.0	1976.7	1940.5	1916.3	1940.5	1976.7	2013.0	2055.9	2098.9
50°	2046.2	2011.9	1977.5	1944.0	1910.4	1887.2	1910.4	1944.0	1977.5	2011.9	2046.2
52.5°	2010.8	1982.8	1954.8	1924.7	1894.8	1873.3	1894.8	1924.7	1954.8	1982.8	2010.8
55°	1977.5	1953.1	1928.7	1902.4	1876.1	1856.7	1876.1	1902.4	1928.7	1953.1	1977.5
57.5°	1942.3	1917.7	1893.0	1866.9	1840.8	1820.7	1840.8	1866.9	1893.0	1917.7	1942.3
60°	1893.4	1869.3	1845.3	1818.4	1791.6	1770.8	1791.6	1818.4	1845.3	1869.3	1893.4
62.5°	1815.4	1793.6	1771.9	1743.6	1715.4	1690.4	1715.4	1743.6	1771.9	1793.6	1815.4
65°	1710.1	1689.2	1668.2	1640.8	1613.5	1592.0	1613.5	1640.8	1668.2	1689.2	1710.1
67.5°	1590.0	1570.7	1551.6	1526.1	1500.6	1481.2	1500.6	1526.1	1551.6	1570.7	1590.0
70°	1461.5	1445.9	1430.2	1405.8	1381.4	1359.3	1381.4	1405.8	1430.2	1445.9	1461.5
72.5°	1320.2	1307.2	1294.1	1270.9	1247.7	1226.2	1247.7	1270.9	1294.1	1307.2	1320.2
75°	1151.7	1145.3	1139.0	1119.4	1099.9	1079.4	1099.9	1119.4	1139.0	1145.3	1151.7
77.5°	988.2	979.3	970.2	950.5	930.8	914.5	930.8	950.5	970.2	979.3	988.2
80°	803.6	799.8	796.0	769.6	743.0	712.2	743.0	769.6	796.0	799.8	803.6
82.5°	600.0	598.3	596.5	574.2	551.7	532.1	551.7	574.2	596.5	598.3	600.0
85°	381.0	378.3	375.5	358.0	340.6	322.8	340.6	358.0	375.5	378.3	381.0
87.5°	165.2	161.8	158.2	149.4	140.2	131.6	140.2	149.4	158.2	161.8	165.2
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: P953410

CATALOG NUMBER: GALN-SB7A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3342.7	3355.9	3372.2	3388.5	3409.4	3430.4	3451.4	3472.3	3496.1	3520.1	3546.5
5°	3145.1	3163.3	3189.3	3215.3	3249.1	3282.7	3319.9	3357.0	3399.0	3441.1	3491.4
7.5°	3026.7	3048.3	3079.1	3109.9	3151.1	3192.4	3239.2	3285.9	3341.3	3396.8	3463.4
10°	2992.6	3016.7	3053.7	3090.6	3137.0	3183.4	3233.8	3284.1	3339.5	3395.0	3465.4
12.5°	3053.8	3085.0	3132.1	3179.2	3227.2	3275.2	3314.6	3354.2	3390.8	3427.7	3485.0
15°	3182.7	3230.1	3297.1	3364.2	3405.9	3447.6	3457.9	3468.1	3463.1	3458.1	3485.6
17.5°	3313.5	3383.3	3472.1	3561.0	3594.5	3628.2	3596.2	3564.0	3503.6	3443.2	3433.2
20°	3395.0	3480.6	3582.0	3683.6	3699.2	3714.8	3647.6	3580.4	3475.3	3370.4	3323.3
22.5°	3400.1	3488.2	3585.2	3682.2	3672.9	3663.5	3576.1	3488.6	3368.6	3248.9	3179.2
25°	3322.9	3401.3	3480.7	3560.3	3528.3	3496.1	3410.1	3324.0	3216.2	3108.6	3028.2
27.5°	3174.2	3235.1	3291.6	3348.3	3312.4	3276.6	3207.6	3138.6	3050.2	2961.7	2884.1
30°	2995.4	3038.9	3082.1	3125.2	3096.1	3067.0	3009.6	2952.4	2879.0	2805.5	2743.7
32.5°	2824.0	2858.7	2898.5	2938.1	2905.7	2873.4	2818.4	2763.6	2704.8	2646.2	2609.8
35°	2677.8	2709.9	2738.1	2766.3	2727.5	2688.7	2634.3	2580.0	2535.3	2490.6	2480.5
37.5°	2553.5	2583.0	2596.0	2609.1	2561.1	2513.2	2458.9	2404.7	2372.7	2340.5	2351.6
40°	2437.1	2462.2	2459.1	2456.0	2400.7	2345.5	2293.1	2240.8	2217.6	2194.5	2219.6
42.5°	2319.7	2340.9	2325.0	2309.1	2249.5	2189.9	2140.2	2090.6	2071.6	2052.7	2086.0
45°	2206.1	2225.3	2202.4	2179.5	2117.7	2055.9	2008.8	1961.7	1945.6	1929.8	1962.1
47.5°	2112.2	2125.5	2099.2	2072.8	2011.9	1950.9	1904.9	1858.8	1843.9	1829.0	1856.1
50°	2046.8	2047.6	2013.8	1980.0	1925.4	1870.8	1827.5	1783.9	1760.5	1737.2	1761.2
52.5°	2003.6	1996.4	1956.3	1916.3	1865.3	1814.4	1774.7	1734.8	1699.8	1664.8	1688.5
55°	1967.5	1957.6	1915.0	1872.6	1828.1	1783.5	1740.6	1697.6	1648.0	1598.3	1635.8
57.5°	1932.2	1922.1	1879.4	1836.6	1792.4	1748.3	1697.9	1647.5	1594.0	1540.5	1595.4
60°	1882.3	1871.2	1828.3	1785.3	1740.4	1695.7	1637.8	1579.8	1533.0	1486.0	1557.3
62.5°	1804.7	1794.1	1754.7	1715.4	1667.6	1619.8	1552.1	1484.7	1454.9	1425.1	1513.9
65°	1699.3	1688.3	1653.7	1619.1	1573.3	1527.6	1455.1	1382.8	1371.5	1360.0	1454.6
67.5°	1579.4	1568.8	1538.8	1508.9	1465.7	1422.3	1355.4	1288.6	1292.2	1295.8	1374.5
70°	1451.3	1441.0	1414.0	1387.0	1349.6	1312.2	1253.4	1194.7	1207.1	1219.6	1275.6
72.5°	1308.0	1295.8	1269.3	1242.9	1209.1	1175.3	1129.1	1082.8	1101.0	1119.3	1157.7
75°	1139.0	1126.2	1102.1	1078.0	1047.4	1016.7	982.4	948.0	965.6	983.1	1012.7
77.5°	976.3	964.4	939.2	913.8	887.5	861.1	833.3	805.3	823.0	840.8	864.5
80°	787.8	772.0	752.9	733.7	711.5	689.3	666.2	642.9	657.9	672.7	692.7
82.5°	573.1	546.2	505.2	464.2	471.9	479.7	481.6	483.6	494.1	504.6	514.3
85°	347.8	314.5	276.0	237.6	259.1	280.6	290.7	300.7	312.4	324.2	334.6
87.5°	151.7	138.3	122.1	106.0	122.5	138.8	139.3	139.7	141.9	144.1	148.3
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: P953410

CATALOG NUMBER: GALN-SB7A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3573.2	3606.0	3635.5	3666.0	3696.5	3728.3	3760.2	3791.8	3823.5	3853.3	3883.1
5°	3541.6	3599.1	3657.3	3718.9	3780.6	3846.5	3912.6	3978.2	4043.8	4109.6	4175.5
7.5°	3530.2	3604.6	3684.0	3770.0	3856.1	3953.8	4051.5	4151.8	4252.1	4360.6	4469.2
10°	3535.7	3615.7	3713.6	3815.6	3917.3	4036.1	4154.7	4287.1	4419.7	4557.1	4694.4
12.5°	3542.7	3617.1	3720.0	3835.2	3950.3	4090.3	4230.2	4380.4	4530.6	4681.3	4832.2
15°	3513.2	3572.7	3686.8	3820.1	3953.4	4114.5	4275.6	4438.6	4601.5	4758.8	4916.1
17.5°	3423.1	3459.8	3593.9	3754.2	3914.6	4101.6	4288.7	4466.4	4644.2	4803.7	4963.2
20°	3276.2	3285.9	3442.1	3640.8	3839.5	4066.1	4292.8	4488.2	4683.6	4849.4	5015.1
22.5°	3109.5	3090.6	3268.3	3507.6	3746.9	4022.6	4298.4	4517.6	4736.6	4906.1	5075.4
25°	2947.8	2896.6	3078.8	3358.9	3639.2	3979.7	4320.3	4570.8	4821.1	4987.0	5153.0
27.5°	2806.5	2744.2	2910.0	3223.0	3536.0	3951.0	4366.0	4653.9	4941.7	5100.1	5258.3
30°	2682.2	2633.3	2772.6	3109.4	3446.2	3937.6	4428.6	4761.6	5094.5	5247.4	5400.3
32.5°	2573.3	2551.6	2663.8	3011.4	3358.9	3920.9	4482.6	4873.9	5265.2	5416.5	5568.0
35°	2470.5	2479.5	2573.0	2915.1	3257.2	3889.6	4522.3	5002.0	5481.7	5626.7	5771.7
37.5°	2362.7	2395.7	2477.4	2801.8	3126.2	3836.0	4545.8	5145.4	5744.9	5929.8	6114.6
40°	2244.7	2295.2	2369.4	2666.6	2963.8	3762.1	4560.7	5327.4	6094.1	6363.4	6632.8
42.5°	2119.3	2183.0	2251.3	2517.3	2783.4	3685.9	4588.8	5565.6	6542.5	6931.3	7320.1
45°	1994.6	2056.2	2125.5	2358.8	2592.2	3615.1	4638.3	5879.0	7119.8	7644.3	8168.7
47.5°	1883.3	1936.4	2025.7	2233.4	2441.1	3556.7	4672.2	6213.0	7753.7	8492.0	9230.1
50°	1785.3	1847.0	1964.5	2150.2	2335.8	3492.9	4650.0	6522.8	8395.5	9508.4	10621.2
52.5°	1712.3	1798.5	1933.6	2095.3	2257.1	3385.3	4513.5	6724.0	8934.3	10576.2	12218.1
55°	1673.5	1803.3	1929.0	2055.5	2182.0	3206.8	4231.6	6679.6	9127.6	11522.8	13918.2
57.5°	1650.2	1808.2	1919.0	2008.4	2097.8	2955.2	3812.4	6367.6	8922.9	12193.7	15464.5
60°	1628.3	1792.9	1866.1	1936.4	2006.6	2628.5	3250.3	5786.9	8323.5	12361.4	16399.1
62.5°	1602.8	1755.5	1764.5	1811.1	1857.8	2237.4	2617.1	5001.7	7386.3	11655.4	15924.5
65°	1549.1	1665.5	1664.4	1686.4	1708.4	1885.6	2062.9	4200.5	6338.4	10656.5	14974.7
67.5°	1453.2	1518.6	1521.7	1509.5	1497.1	1547.6	1597.9	3415.7	5233.6	9467.9	13702.1
70°	1331.5	1353.0	1353.0	1296.1	1239.0	1224.7	1210.3	2689.4	4168.5	8170.8	12173.1
72.5°	1196.0	1195.8	1182.2	1101.4	1020.5	977.0	933.6	2056.1	3178.5	6764.7	10351.0
75°	1042.2	1047.5	984.9	894.3	803.6	764.3	724.9	1492.3	2259.6	5152.9	8046.1
77.5°	888.2	890.9	787.7	699.7	611.7	584.9	558.1	1011.2	1464.3	3606.5	5748.8
80°	712.5	712.9	589.6	515.2	440.6	429.5	418.4	651.5	884.7	2323.6	3762.6
82.5°	524.0	518.2	412.9	358.0	303.2	300.9	299.0	400.7	502.7	1344.9	2187.1
85°	345.0	337.4	259.1	218.9	178.7	179.8	180.8	214.2	247.7	604.9	962.3
87.5°	152.4	142.7	110.2	93.7	77.3	78.3	79.3	88.8	98.4	198.1	297.9
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: P953410

CATALOG NUMBER: GALN-SB7A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3897.8	3912.6	3933.5	3954.5	3966.9	3979.4	3985.6	3991.9	3989.1	3991.9	3985.6
5°	4226.9	4278.4	4329.4	4380.5	4408.2	4436.0	4452.7	4469.6	4482.4	4469.6	4452.7
7.5°	4552.9	4636.4	4711.7	4786.9	4832.2	4877.5	4902.1	4926.5	4938.2	4926.5	4902.1
10°	4793.3	4892.2	4980.5	5068.8	5122.2	5175.4	5199.3	5223.0	5232.0	5223.0	5199.3
12.5°	4939.5	5046.6	5126.4	5205.9	5244.7	5283.5	5296.5	5309.6	5311.0	5309.6	5296.5
15°	5008.6	5101.0	5151.1	5201.2	5202.6	5204.0	5190.1	5176.3	5159.9	5176.3	5190.1
17.5°	5025.7	5088.2	5089.1	5090.0	5033.8	4977.7	4926.3	4874.8	4838.5	4874.8	4926.3
20°	5036.9	5058.8	4993.0	4927.1	4803.3	4679.4	4589.2	4499.0	4443.6	4499.0	4589.2
22.5°	5046.9	5018.3	4882.0	4745.6	4563.4	4381.2	4268.4	4155.7	4094.4	4155.7	4268.4
25°	5062.9	4972.9	4765.9	4558.9	4337.6	4116.3	3997.7	3879.4	3821.4	3879.4	3997.7
27.5°	5097.3	4936.2	4661.9	4387.9	4142.6	3897.4	3780.7	3664.2	3609.5	3664.2	3780.7
30°	5160.2	4920.2	4582.7	4245.2	3989.7	3734.2	3625.9	3517.7	3466.7	3517.7	3625.9
32.5°	5239.2	4910.5	4528.7	4146.8	3906.7	3666.5	3581.6	3496.5	3459.8	3496.5	3581.6
35°	5369.3	4967.1	4569.1	4171.3	4004.5	3837.8	3818.0	3798.2	3795.1	3798.2	3818.0
37.5°	5641.3	5168.0	4806.3	4444.7	4433.9	4423.1	4513.7	4604.3	4651.4	4604.3	4513.7
40°	6118.1	5603.3	5334.4	5065.4	5255.3	5445.1	5665.4	5885.7	5995.4	5885.7	5665.4
42.5°	6809.3	6298.6	6143.7	5988.8	6402.8	6816.8	7217.5	7618.2	7853.5	7618.2	7217.5
45°	7710.0	7251.1	7182.7	7114.3	7777.6	8441.0	9099.4	9758.0	10157.7	9758.0	9099.4
47.5°	8783.8	8337.4	8323.5	8309.6	9266.5	10223.1	11187.1	12150.9	12716.9	12150.9	11187.1
50°	10069.9	9518.7	9521.1	9523.4	10756.6	11989.8	13262.1	14534.5	15303.8	14534.5	13262.1
52.5°	11550.5	10883.1	10815.6	10748.0	12221.0	13694.0	15268.3	16842.5	17764.6	16842.5	15268.3
55°	13258.7	12599.1	12336.0	12072.9	13712.3	15351.6	17228.4	19105.2	20201.9	19105.2	17228.4
57.5°	15105.4	14746.1	14218.3	13690.7	15346.1	17001.4	19127.2	21252.8	22612.8	21252.8	19127.2
60°	16956.9	17514.9	16859.5	16204.2	17770.7	19337.2	21613.2	23889.2	25359.0	23889.2	21613.2
62.5°	17448.8	18973.1	18899.3	18825.3	20260.3	21695.5	23860.9	26026.2	27384.7	26026.2	23860.9
65°	16405.3	17836.0	18119.0	18402.0	20225.7	22049.5	24149.3	26248.8	27405.5	26248.8	24149.3
67.5°	15062.7	16423.4	16556.1	16688.7	18588.9	20488.9	22597.7	24706.4	25612.6	24706.4	22597.7
70°	13653.0	15133.1	15192.4	15251.8	16951.1	18650.3	20465.0	22279.5	22783.2	22279.5	20465.0
72.5°	12049.3	13747.8	13790.5	13833.0	15162.5	16491.9	17851.1	19210.0	19261.0	19210.0	17851.1
75°	9803.9	11561.6	11719.4	11877.2	12911.6	13945.9	14902.7	15859.4	15603.1	15859.4	14902.7
77.5°	7389.6	9030.6	9256.4	9482.3	10268.6	11054.9	11733.4	12412.1	11971.5	12412.1	11733.4
80°	5143.0	6523.3	6804.1	7084.8	7678.6	8272.2	8628.6	8984.8	8276.1	8984.8	8628.6
82.5°	3130.9	4074.7	4388.3	4702.0	5110.7	5519.5	5668.2	5816.7	5259.7	5816.7	5668.2
85°	1463.2	1964.1	2230.8	2497.5	2833.4	3169.1	3253.5	3337.9	2891.7	3337.9	3253.5
87.5°	466.2	634.6	783.4	932.2	1100.2	1268.1	1275.3	1282.4	1076.6	1282.4	1275.3
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: P953410

CATALOG NUMBER: GALN-SB7A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8	3610.8
2.5°	3979.4	3966.9	3954.5	3933.5	3912.6	3897.8	3883.1
5°	4436.0	4408.2	4380.5	4329.4	4278.4	4226.9	4175.5
7.5°	4877.5	4832.2	4786.9	4711.7	4636.4	4552.9	4469.2
10°	5175.4	5122.2	5068.8	4980.5	4892.2	4793.3	4694.4
12.5°	5283.5	5244.7	5205.9	5126.4	5046.6	4939.5	4832.2
15°	5204.0	5202.6	5201.2	5151.1	5101.0	5008.6	4916.1
17.5°	4977.7	5033.8	5090.0	5089.1	5088.2	5025.7	4963.2
20°	4679.4	4803.3	4927.1	4993.0	5058.8	5036.9	5015.1
22.5°	4381.2	4563.4	4745.6	4882.0	5018.3	5046.9	5075.4
25°	4116.3	4337.6	4558.9	4765.9	4972.9	5062.9	5153.0
27.5°	3897.4	4142.6	4387.9	4661.9	4936.2	5097.3	5258.3
30°	3734.2	3989.7	4245.2	4582.7	4920.2	5160.2	5400.3
32.5°	3666.5	3906.7	4146.8	4528.7	4910.5	5239.2	5568.0
35°	3837.8	4004.5	4171.3	4569.1	4967.1	5369.3	5771.7
37.5°	4423.1	4433.9	4444.7	4806.3	5168.0	5641.3	6114.6
40°	5445.1	5255.3	5065.4	5334.4	5603.3	6118.1	6632.8
42.5°	6816.8	6402.8	5988.8	6143.7	6298.6	6809.3	7320.1
45°	8441.0	7777.6	7114.3	7182.7	7251.1	7710.0	8168.7
47.5°	10223.1	9266.5	8309.6	8323.5	8337.4	8783.8	9230.1
50°	11989.8	10756.6	9523.4	9521.1	9518.7	10069.9	10621.2
52.5°	13694.0	12221.0	10748.0	10815.6	10883.1	11550.5	12218.1
55°	15351.6	13712.3	12072.9	12336.0	12599.1	13258.7	13918.2
57.5°	17001.4	15346.1	13690.7	14218.3	14746.1	15105.4	15464.5
60°	19337.2	17770.7	16204.2	16859.5	17514.9	16956.9	16399.1
62.5°	21695.5	20260.3	18825.3	18899.3	18973.1	17448.8	15924.5
65°	22049.5	20225.7	18402.0	18119.0	17836.0	16405.3	14974.7
67.5°	20488.9	18588.9	16688.7	16556.1	16423.4	15062.7	13702.1
70°	18650.3	16951.1	15251.8	15192.4	15133.1	13653.0	12173.1
72.5°	16491.9	15162.5	13833.0	13790.5	13747.8	12049.3	10351.0
75°	13945.9	12911.6	11877.2	11719.4	11561.6	9803.9	8046.1
77.5°	11054.9	10268.6	9482.3	9256.4	9030.6	7389.6	5748.8
80°	8272.2	7678.6	7084.8	6804.1	6523.3	5143.0	3762.6
82.5°	5519.5	5110.7	4702.0	4388.3	4074.7	3130.9	2187.1
85°	3169.1	2833.4	2497.5	2230.8	1964.1	1463.2	962.3
87.5°	1268.1	1100.2	932.2	783.4	634.6	466.2	297.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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