

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: P955195

Luminaire Tested: **GALN-SB8B-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955195
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-SB8B-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37480 lumens
Efficiency: N/A
Efficacy: 128.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 292.8
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

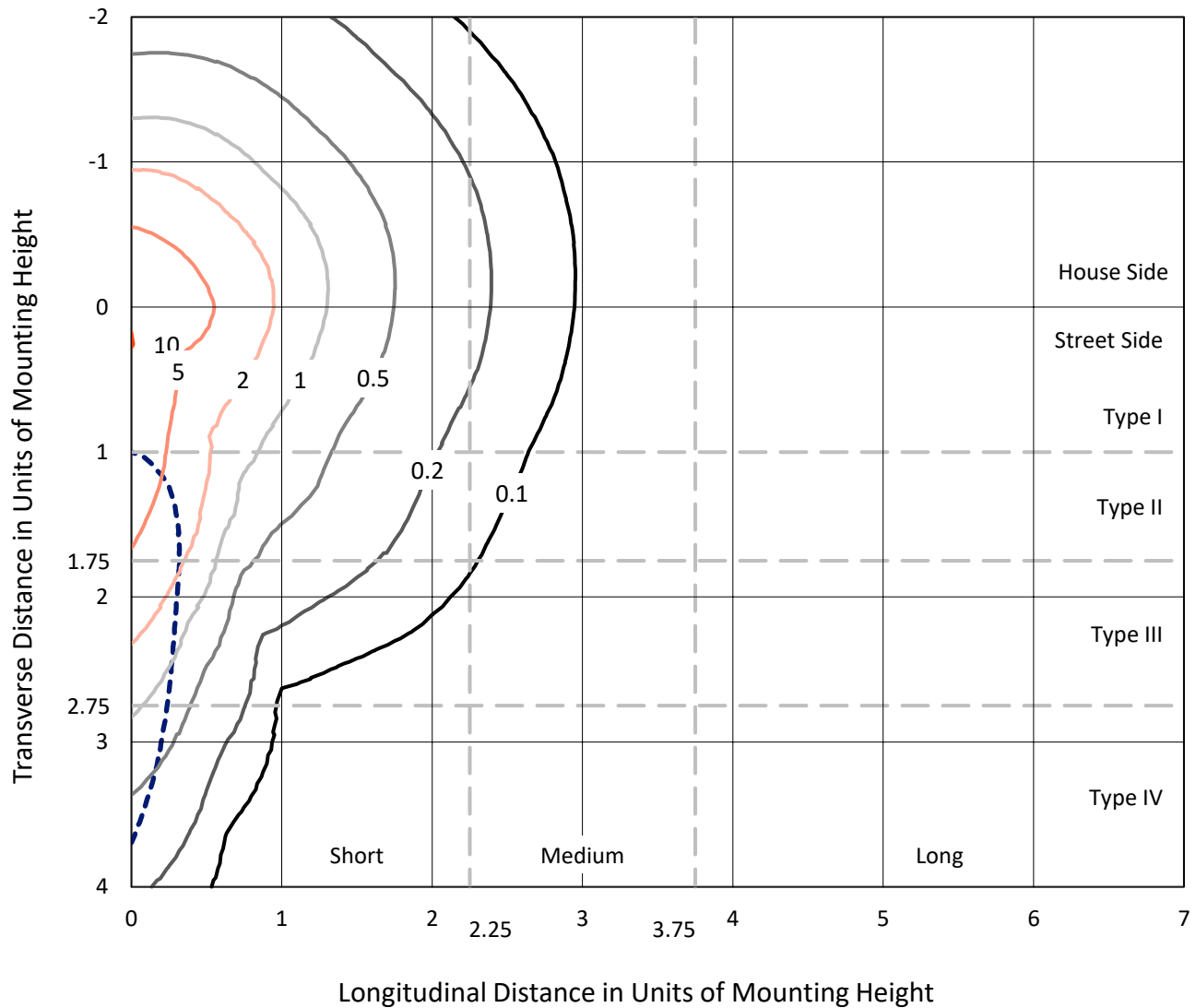


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

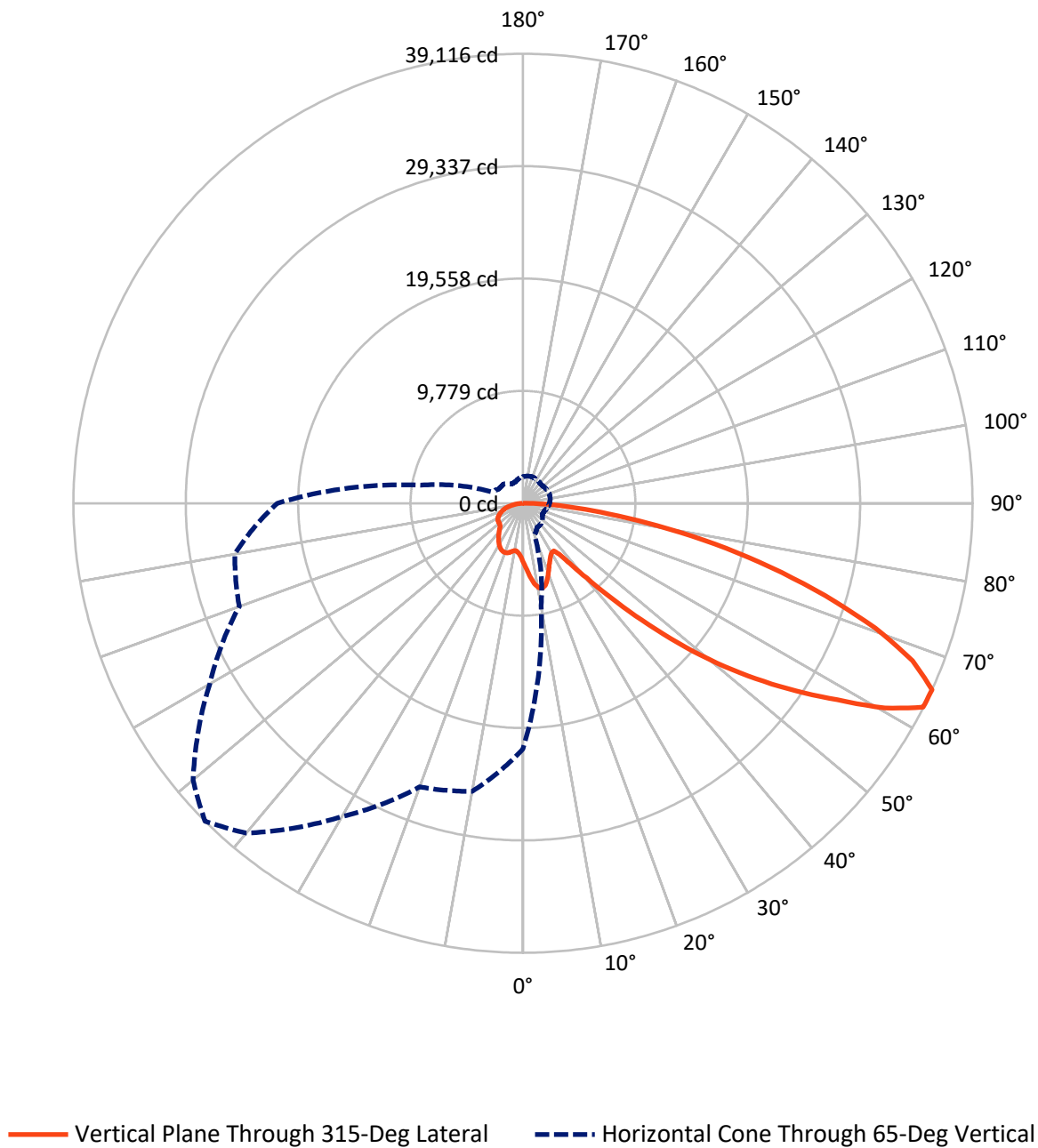


Based on 25 foot mounting height. Maximum calculated value = 10.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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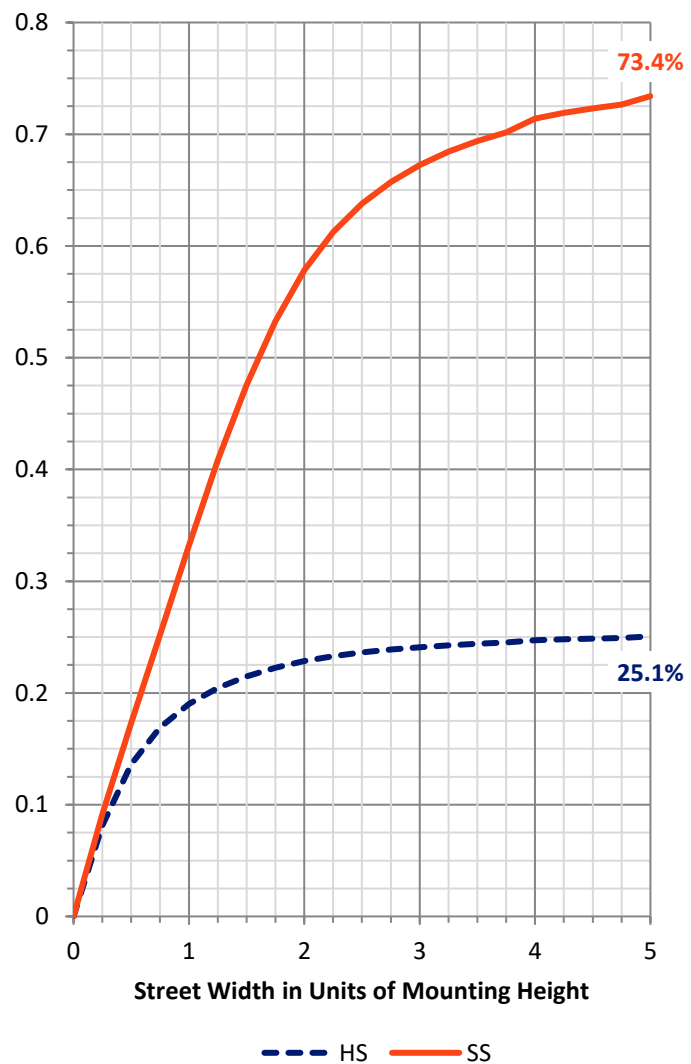
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9525.5	0.0	9525.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	27954.5	0.0	27954.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	37480.0	0.0	37480.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	511.3	1.4
10°-20°	1604.9	4.3
20°-30°	2479.1	6.6
30°-40°	3141.6	8.4
40°-50°	4738.3	12.6
50°-60°	7655.5	20.4
60°-70°	9543.8	25.5
70°-80°	6258.3	16.7
80°-90°	1547.2	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°	37480.0	100.0
0°-180°	37480.0	100.0

Coefficient of Utilization



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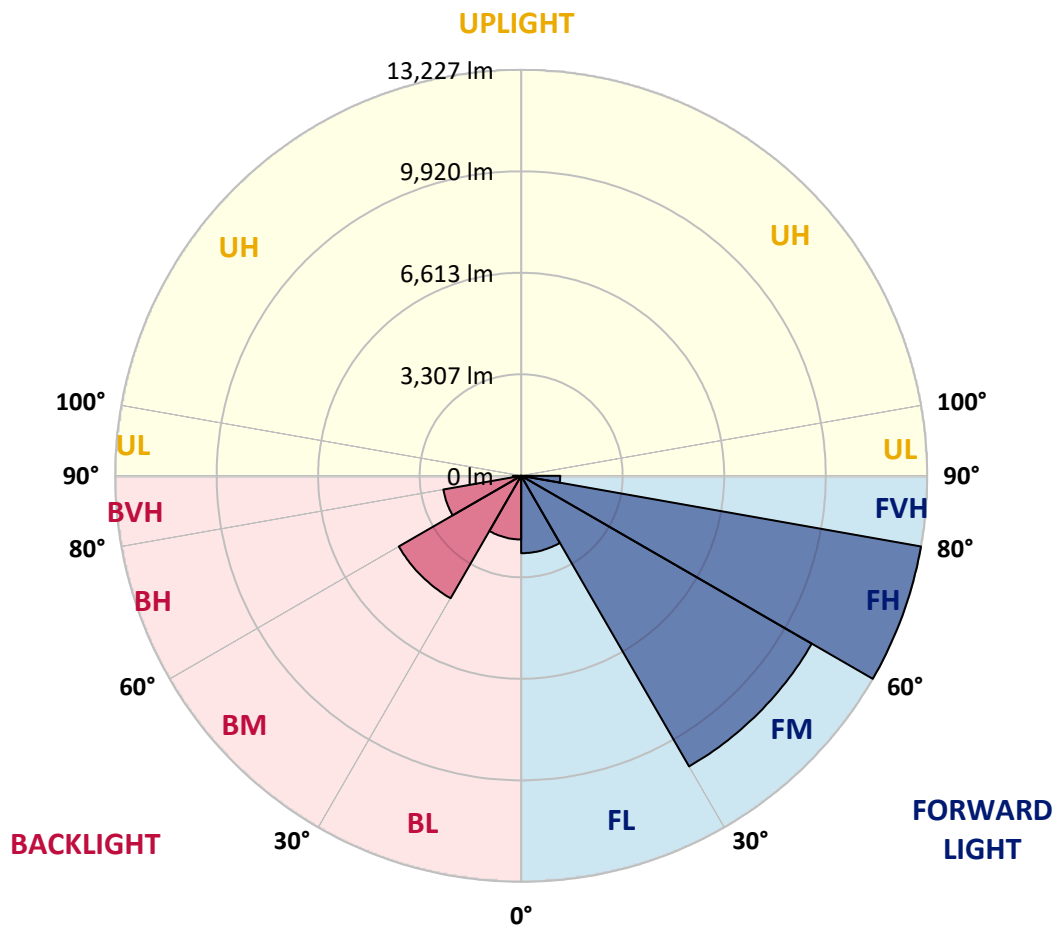
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2521.0	6.7			
FM	(30°-60°)	10932.1	29.2			
FH	(60°-80°)	13226.8	35.3			G5
FVH	(80°-90°)	1274.6	3.4			G5
BL	(0°-30°)	2074.3	5.5	B3/2500		
BM	(30°-60°)	4603.3	12.3	B3/5000		
BH	(60°-80°)	2575.3	6.9	B4/5000		G4/5000
BVH	(80°-90°)	272.7	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	5542.4	5499.9	5457.4	5412.1	5367.0	5321.5	5276.0	5232.5	5189.0	5146.9	5100.0
5°	5959.7	5865.8	5771.8	5678.1	5584.6	5490.2	5396.1	5308.1	5220.1	5137.0	5054.9
7.5°	6379.0	6223.9	6069.1	5925.9	5782.7	5643.3	5503.9	5381.1	5258.2	5144.9	5038.7
10°	6700.4	6504.4	6308.4	6119.1	5930.1	5760.8	5591.3	5446.1	5300.6	5160.7	5046.6
12.5°	6897.1	6681.8	6466.6	6252.2	6037.8	5838.1	5638.4	5474.0	5309.7	5162.7	5056.5
15°	7016.8	6792.3	6567.9	6335.3	6102.7	5872.7	5642.7	5452.5	5262.2	5099.4	5014.4
17.5°	7084.0	6856.4	6628.8	6375.0	6121.3	5854.3	5587.3	5358.5	5129.7	4938.3	4885.8
20°	7158.2	6921.7	6684.9	6406.1	6127.2	5803.7	5480.1	5196.5	4912.9	4690.1	4676.2
22.5°	7244.2	7002.6	6760.7	6448.0	6135.1	5741.6	5348.0	5006.5	4664.9	4411.2	4438.3
25°	7355.0	7118.1	6881.3	6524.0	6166.4	5680.3	5194.4	4794.3	4394.4	4134.3	4207.5
27.5°	7505.3	7279.4	7053.4	6642.6	6231.7	5639.3	5047.0	4600.3	4153.5	3916.8	4005.8
30°	7708.0	7489.7	7271.5	6796.3	6321.0	5620.2	4918.9	4438.1	3957.3	3758.6	3828.4
32.5°	7947.3	7731.1	7515.2	6956.7	6398.2	5596.4	4794.3	4298.3	3802.1	3641.9	3672.9
35°	8238.0	8031.1	7824.1	7139.4	6454.7	5551.7	4649.1	4160.8	3672.5	3539.1	3526.2
37.5°	8727.5	8463.7	8199.8	7344.1	6488.4	5475.2	4462.0	3999.1	3536.1	3419.4	3372.3
40°	9467.1	9082.7	8698.2	7604.0	6509.5	5369.8	4230.2	3806.0	3381.8	3276.0	3203.8
42.5°	10448.1	9893.1	9338.2	7943.9	6549.7	5261.0	3972.8	3593.0	3213.3	3115.8	3024.9
45°	11659.4	10910.8	10162.3	8391.3	6620.3	5160.0	3699.8	3366.8	3033.8	2934.9	2846.9
47.5°	13174.3	12120.8	11067.1	8867.9	6668.7	5076.5	3484.3	3187.8	2891.4	2763.8	2688.1
50°	15159.9	13571.6	11983.1	9310.1	6637.1	4985.5	3334.0	3069.0	2803.9	2636.2	2548.2
52.5°	17439.1	15095.6	12752.1	9597.3	6442.3	4831.9	3221.6	2990.6	2759.8	2567.0	2444.0
55°	19865.8	16446.7	13027.9	9534.0	6039.8	4577.1	3114.4	2933.9	2753.3	2573.9	2388.6
57.5°	22072.8	17404.3	12735.8	9088.6	5441.6	4218.0	2994.2	2866.6	2739.1	2580.9	2355.4
60°	23406.8	17643.6	11880.3	8259.8	4639.2	3751.7	2864.1	2763.8	2663.5	2559.1	2324.2
62.5°	22729.4	16636.0	10542.6	7139.0	3735.4	3193.6	2651.7	2585.0	2518.6	2505.7	2287.8
65°	21373.7	15210.3	9046.9	5995.5	2944.4	2691.4	2438.5	2407.0	2375.6	2377.2	2211.0
67.5°	19557.2	13513.7	7470.1	4875.4	2280.7	2208.9	2136.9	2154.5	2171.9	2167.5	2074.2
70°	17374.9	11662.4	5949.8	3838.7	1727.5	1748.1	1768.4	1849.9	1931.2	1931.2	1900.5
72.5°	14774.2	9655.4	4536.8	2934.7	1332.6	1394.5	1456.6	1572.1	1687.4	1706.7	1707.1
75°	11484.4	7354.8	3225.2	2130.0	1034.7	1090.9	1147.1	1276.4	1405.7	1495.1	1487.6
77.5°	8205.4	5147.7	2090.0	1443.3	796.6	834.8	873.1	998.7	1124.3	1271.6	1267.7
80°	5370.4	3316.6	1262.7	929.9	597.3	613.1	628.9	735.3	841.5	1017.5	1016.9
82.5°	3121.8	1919.5	717.5	571.9	426.8	429.6	432.7	511.0	589.3	739.7	748.0
85°	1373.5	863.5	353.6	305.7	258.1	256.7	255.1	312.5	369.8	481.6	492.4
87.5°	425.2	282.8	140.4	126.8	113.1	111.7	110.4	133.7	157.2	203.7	217.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	5062.1	5024.3	4990.1	4956.1	4926.2	4896.3	4866.3	4836.4	4813.3	4789.9	4771.1
5°	4983.3	4911.6	4851.4	4791.5	4738.5	4685.5	4637.5	4589.2	4552.2	4515.0	4489.1
7.5°	4943.4	4848.3	4769.2	4690.1	4623.4	4556.6	4497.6	4438.9	4394.8	4350.9	4320.0
10°	4946.2	4845.7	4766.6	4687.5	4615.7	4543.7	4477.5	4411.2	4358.6	4305.8	4271.4
12.5°	4974.2	4892.4	4839.8	4787.6	4731.0	4674.8	4606.2	4537.8	4470.5	4403.3	4358.8
15°	4975.0	4935.9	4943.0	4950.1	4935.5	4920.9	4861.3	4801.8	4706.1	4610.4	4542.7
17.5°	4900.3	4914.5	5000.8	5087.0	5132.9	5178.5	5130.5	5082.6	4955.9	4829.1	4729.4
20°	4743.5	4810.7	4960.4	5110.3	5206.2	5302.1	5280.0	5257.7	5112.7	4967.9	4845.7
22.5°	4537.8	4637.3	4808.1	4979.4	5104.2	5229.0	5242.4	5255.7	5117.2	4978.8	4853.0
25°	4322.2	4436.9	4590.6	4744.4	4867.3	4990.1	5036.0	5081.6	4968.1	4854.8	4742.9
27.5°	4116.5	4227.3	4353.7	4479.8	4578.3	4676.8	4727.8	4779.1	4698.2	4617.5	4530.7
30°	3916.2	4004.4	4109.2	4214.0	4295.7	4377.6	4419.1	4460.6	4399.1	4337.4	4275.3
32.5°	3725.0	3777.0	3860.6	3944.5	4022.8	4101.3	4147.4	4193.7	4137.1	4080.3	4030.7
35°	3540.4	3554.9	3618.8	3682.4	3760.0	3837.7	3893.1	3948.4	3908.1	3867.9	3822.1
37.5°	3356.5	3340.7	3386.6	3432.3	3509.6	3587.1	3655.5	3724.0	3705.4	3686.8	3644.7
40°	3168.0	3132.2	3165.3	3198.3	3273.1	3347.8	3426.5	3505.4	3510.0	3514.3	3478.5
42.5°	2977.4	2929.9	2956.8	2983.9	3054.7	3125.7	3210.8	3295.8	3318.5	3341.3	3311.0
45°	2800.6	2754.5	2777.1	2800.0	2867.2	2934.5	3022.7	3110.9	3143.5	3176.1	3148.9
47.5°	2649.3	2610.5	2631.9	2653.1	2718.9	2784.6	2871.6	2958.6	2996.2	3033.8	3014.8
50°	2513.8	2479.6	2512.8	2546.3	2608.4	2670.3	2748.2	2826.1	2874.4	2922.6	2921.4
52.5°	2410.0	2376.2	2426.2	2476.0	2533.0	2589.8	2662.3	2735.1	2792.3	2849.4	2859.7
55°	2334.8	2281.2	2352.2	2423.0	2484.4	2545.7	2609.3	2672.8	2733.3	2794.1	2808.3
57.5°	2277.1	2198.8	2275.1	2351.5	2423.4	2495.4	2558.3	2621.4	2682.5	2743.4	2757.9
60°	2222.7	2121.1	2188.1	2254.9	2337.6	2420.3	2484.2	2548.2	2609.5	2670.9	2686.7
62.5°	2160.8	2034.0	2076.6	2119.1	2215.4	2311.9	2380.1	2448.4	2504.5	2560.7	2575.9
65°	2076.2	1941.1	1957.5	1973.7	2077.0	2180.4	2245.7	2310.9	2360.4	2409.8	2425.4
67.5°	1961.9	1849.5	1844.4	1839.2	1934.6	2030.1	2092.0	2153.7	2196.4	2239.1	2254.4
70°	1820.6	1740.8	1723.0	1705.2	1789.0	1872.9	1926.3	1979.7	2018.2	2056.8	2071.4
72.5°	1652.3	1597.6	1571.5	1545.6	1611.6	1677.5	1725.7	1774.0	1811.7	1849.5	1866.9
75°	1445.5	1403.2	1378.2	1353.1	1402.2	1451.2	1494.9	1538.6	1573.0	1607.5	1625.6
77.5°	1233.9	1200.1	1174.7	1149.4	1189.4	1229.1	1266.7	1304.3	1340.5	1376.5	1393.5
80°	988.6	960.2	939.0	917.6	950.9	983.9	1015.5	1047.2	1074.7	1102.0	1124.5
82.5°	734.1	720.3	705.2	690.2	687.4	684.7	673.6	662.5	721.1	779.6	818.0
85°	477.6	462.8	446.0	429.2	414.9	400.5	369.8	339.2	394.0	448.9	496.4
87.5°	211.6	205.7	202.5	199.3	198.8	198.2	174.8	151.3	174.2	197.4	216.6
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°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	4752.4	4737.7	4723.1	4709.6	4696.0	4679.2	4696.0	4709.6	4723.1	4737.7	4752.4
5°	4463.2	4444.8	4426.4	4412.4	4398.4	4384.5	4398.4	4412.4	4426.4	4444.8	4463.2
7.5°	4289.2	4268.0	4247.1	4234.4	4221.9	4212.4	4221.9	4234.4	4247.1	4268.0	4289.2
10°	4236.6	4216.6	4196.6	4185.9	4175.3	4170.9	4175.3	4185.9	4196.6	4216.6	4236.6
12.5°	4314.3	4292.0	4269.8	4260.7	4251.6	4250.0	4251.6	4260.7	4269.8	4292.0	4314.3
15°	4475.1	4444.0	4413.2	4401.3	4389.5	4388.5	4389.5	4401.3	4413.2	4444.0	4475.1
17.5°	4629.7	4583.9	4537.8	4522.7	4507.5	4505.1	4507.5	4522.7	4537.8	4583.9	4629.7
20°	4723.7	4664.9	4606.0	4587.2	4568.4	4562.5	4568.4	4587.2	4606.0	4664.9	4723.7
22.5°	4727.0	4665.1	4603.0	4582.3	4561.5	4552.6	4561.5	4582.3	4603.0	4665.1	4727.0
25°	4631.3	4577.5	4523.9	4504.4	4485.0	4473.5	4485.0	4504.4	4523.9	4577.5	4631.3
27.5°	4443.8	4407.8	4371.7	4362.8	4353.9	4350.9	4353.9	4362.8	4371.7	4407.8	4443.8
30°	4212.8	4194.5	4175.9	4175.9	4175.9	4178.8	4175.9	4175.9	4175.9	4194.5	4212.8
32.5°	3981.1	3969.0	3956.9	3958.5	3960.3	3963.3	3960.3	3958.5	3956.9	3969.0	3981.1
35°	3776.4	3758.0	3739.8	3735.8	3731.9	3729.9	3731.9	3735.8	3739.8	3758.0	3776.4
37.5°	3602.3	3568.9	3535.7	3518.1	3500.5	3490.6	3500.5	3518.1	3535.7	3568.9	3602.3
40°	3442.7	3394.1	3345.8	3313.0	3280.6	3261.2	3280.6	3313.0	3345.8	3394.1	3442.7
42.5°	3281.0	3220.6	3160.3	3112.7	3065.0	3033.8	3065.0	3112.7	3160.3	3220.6	3281.0
45°	3121.8	3052.7	2983.9	2927.9	2872.0	2836.0	2872.0	2927.9	2983.9	3052.7	3121.8
47.5°	2995.8	2934.5	2873.2	2821.4	2769.7	2735.1	2769.7	2821.4	2873.2	2934.5	2995.8
50°	2920.6	2871.6	2822.5	2774.7	2726.8	2693.6	2726.8	2774.7	2822.5	2871.6	2920.6
52.5°	2870.0	2830.1	2790.1	2747.2	2704.5	2673.8	2704.5	2747.2	2790.1	2830.1	2870.0
55°	2822.5	2787.7	2752.9	2715.3	2677.8	2650.1	2677.8	2715.3	2752.9	2787.7	2822.5
57.5°	2772.3	2737.1	2701.9	2664.7	2627.3	2598.7	2627.3	2664.7	2701.9	2737.1	2772.3
60°	2702.5	2668.1	2633.9	2595.5	2557.1	2527.5	2557.1	2595.5	2633.9	2668.1	2702.5
62.5°	2591.2	2560.1	2529.1	2488.7	2448.4	2412.8	2448.4	2488.7	2529.1	2560.1	2591.2
65°	2440.8	2411.0	2381.1	2342.0	2303.0	2272.3	2303.0	2342.0	2381.1	2411.0	2440.8
67.5°	2269.4	2241.9	2214.6	2178.2	2141.8	2114.1	2141.8	2178.2	2214.6	2241.9	2269.4
70°	2086.1	2063.7	2041.4	2006.5	1971.7	1940.1	1971.7	2006.5	2041.4	2063.7	2086.1
72.5°	1884.3	1865.7	1847.1	1813.9	1780.9	1750.2	1780.9	1813.9	1847.1	1865.7	1884.3
75°	1643.8	1634.7	1625.6	1597.8	1569.9	1540.6	1569.9	1597.8	1625.6	1634.7	1643.8
77.5°	1410.5	1397.8	1384.8	1356.7	1328.6	1305.3	1328.6	1356.7	1384.8	1397.8	1410.5
80°	1147.1	1141.5	1136.2	1098.4	1060.4	1016.5	1060.4	1098.4	1136.2	1141.5	1147.1
82.5°	856.3	854.0	851.4	819.5	787.5	759.4	787.5	819.5	851.4	854.0	856.3
85°	543.9	539.9	536.0	511.0	486.1	460.8	486.1	511.0	536.0	539.9	543.9
87.5°	235.7	231.0	225.9	213.2	200.1	187.9	200.1	213.2	225.9	231.0	235.7
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: P955195

CATALOG NUMBER: GALN-SB8B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	4771.1	4789.9	4813.3	4836.4	4866.3	4896.3	4926.2	4956.1	4990.1	5024.3	5062.1
5°	4489.1	4515.0	4552.2	4589.2	4637.5	4685.5	4738.5	4791.5	4851.4	4911.6	4983.3
7.5°	4320.0	4350.9	4394.8	4438.9	4497.6	4556.6	4623.4	4690.1	4769.2	4848.3	4943.4
10°	4271.4	4305.8	4358.6	4411.2	4477.5	4543.7	4615.7	4687.5	4766.6	4845.7	4946.2
12.5°	4358.8	4403.3	4470.5	4537.8	4606.2	4674.8	4731.0	4787.6	4839.8	4892.4	4974.2
15°	4542.7	4610.4	4706.1	4801.8	4861.3	4920.9	4935.5	4950.1	4943.0	4935.9	4975.0
17.5°	4729.4	4829.1	4955.9	5082.6	5130.5	5178.5	5132.9	5087.0	5000.8	4914.5	4900.3
20°	4845.7	4967.9	5112.7	5257.7	5280.0	5302.1	5206.2	5110.3	4960.4	4810.7	4743.5
22.5°	4853.0	4978.8	5117.2	5255.7	5242.4	5229.0	5104.2	4979.4	4808.1	4637.3	4537.8
25°	4742.9	4854.8	4968.1	5081.6	5036.0	4990.1	4867.3	4744.4	4590.6	4436.9	4322.2
27.5°	4530.7	4617.5	4698.2	4779.1	4727.8	4676.8	4578.3	4479.8	4353.7	4227.3	4116.5
30°	4275.3	4337.4	4399.1	4460.6	4419.1	4377.6	4295.7	4214.0	4109.2	4004.4	3916.2
32.5°	4030.7	4080.3	4137.1	4193.7	4147.4	4101.3	4022.8	3944.5	3860.6	3777.0	3725.0
35°	3822.1	3867.9	3908.1	3948.4	3893.1	3837.7	3760.0	3682.4	3618.8	3554.9	3540.4
37.5°	3644.7	3686.8	3705.4	3724.0	3655.5	3587.1	3509.6	3432.3	3386.6	3340.7	3356.5
40°	3478.5	3514.3	3510.0	3505.4	3426.5	3347.8	3273.1	3198.3	3165.3	3132.2	3168.0
42.5°	3311.0	3341.3	3318.5	3295.8	3210.8	3125.7	3054.7	2983.9	2956.8	2929.9	2977.4
45°	3148.9	3176.1	3143.5	3110.9	3022.7	2934.5	2867.2	2800.0	2777.1	2754.5	2800.6
47.5°	3014.8	3033.8	2996.2	2958.6	2871.6	2784.6	2718.9	2653.1	2631.9	2610.5	2649.3
50°	2921.4	2922.6	2874.4	2826.1	2748.2	2670.3	2608.4	2546.3	2512.8	2479.6	2513.8
52.5°	2859.7	2849.4	2792.3	2735.1	2662.3	2589.8	2533.0	2476.0	2426.2	2376.2	2410.0
55°	2808.3	2794.1	2733.3	2672.8	2609.3	2545.7	2484.4	2423.0	2352.2	2281.2	2334.8
57.5°	2757.9	2743.4	2682.5	2621.4	2558.3	2495.4	2423.4	2351.5	2275.1	2198.8	2277.1
60°	2686.7	2670.9	2609.5	2548.2	2484.2	2420.3	2337.6	2254.9	2188.1	2121.1	2222.7
62.5°	2575.9	2560.7	2504.5	2448.4	2380.1	2311.9	2215.4	2119.1	2076.6	2034.0	2160.8
65°	2425.4	2409.8	2360.4	2310.9	2245.7	2180.4	2077.0	1973.7	1957.5	1941.1	2076.2
67.5°	2254.4	2239.1	2196.4	2153.7	2092.0	2030.1	1934.6	1839.2	1844.4	1849.5	1961.9
70°	2071.4	2056.8	2018.2	1979.7	1926.3	1872.9	1789.0	1705.2	1723.0	1740.8	1820.6
72.5°	1866.9	1849.5	1811.7	1774.0	1725.7	1677.5	1611.6	1545.6	1571.5	1597.6	1652.3
75°	1625.6	1607.5	1573.0	1538.6	1494.9	1451.2	1402.2	1353.1	1378.2	1403.2	1445.5
77.5°	1393.5	1376.5	1340.5	1304.3	1266.7	1229.1	1189.4	1149.4	1174.7	1200.1	1233.9
80°	1124.5	1102.0	1074.7	1047.2	1015.5	983.9	950.9	917.6	939.0	960.2	988.6
82.5°	818.0	779.6	721.1	662.5	673.6	684.7	687.4	690.2	705.2	720.3	734.1
85°	496.4	448.9	394.0	339.2	369.8	400.5	414.9	429.2	446.0	462.8	477.6
87.5°	216.6	197.4	174.2	151.3	174.8	198.2	198.8	199.3	202.5	205.7	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: P955195

CATALOG NUMBER: GALN-SB8B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	5100.0	5146.9	5189.0	5232.5	5276.0	5321.5	5367.0	5412.1	5457.4	5499.9	5542.4
5°	5054.9	5137.0	5220.1	5308.1	5396.1	5490.2	5584.6	5678.1	5771.8	5865.8	5959.7
7.5°	5038.7	5144.9	5258.2	5381.1	5503.9	5643.3	5782.7	5925.9	6069.1	6223.9	6379.0
10°	5046.6	5160.7	5300.6	5446.1	5591.3	5760.8	5930.1	6119.1	6308.4	6504.4	6700.4
12.5°	5056.5	5162.7	5309.7	5474.0	5638.4	5838.1	6037.8	6252.2	6466.6	6681.8	6897.1
15°	5014.4	5099.4	5262.2	5452.5	5642.7	5872.7	6102.7	6335.3	6567.9	6792.3	7016.8
17.5°	4885.8	4938.3	5129.7	5358.5	5587.3	5854.3	6121.3	6375.0	6628.8	6856.4	7084.0
20°	4676.2	4690.1	4912.9	5196.5	5480.1	5803.7	6127.2	6406.1	6684.9	6921.7	7158.2
22.5°	4438.3	4411.2	4664.9	5006.5	5348.0	5741.6	6135.1	6448.0	6760.7	7002.6	7244.2
25°	4207.5	4134.3	4394.4	4794.3	5194.4	5680.3	6166.4	6524.0	6881.3	7118.1	7355.0
27.5°	4005.8	3916.8	4153.5	4600.3	5047.0	5639.3	6231.7	6642.6	7053.4	7279.4	7505.3
30°	3828.4	3758.6	3957.3	4438.1	4918.9	5620.2	6321.0	6796.3	7271.5	7489.7	7708.0
32.5°	3672.9	3641.9	3802.1	4298.3	4794.3	5596.4	6398.2	6956.7	7515.2	7731.1	7947.3
35°	3526.2	3539.1	3672.5	4160.8	4649.1	5551.7	6454.7	7139.4	7824.1	8031.1	8238.0
37.5°	3372.3	3419.4	3536.1	3999.1	4462.0	5475.2	6488.4	7344.1	8199.8	8463.7	8727.5
40°	3203.8	3276.0	3381.8	3806.0	4230.2	5369.8	6509.5	7604.0	8698.2	9082.7	9467.1
42.5°	3024.9	3115.8	3213.3	3593.0	3972.8	5261.0	6549.7	7943.9	9338.2	9893.1	10448.1
45°	2846.9	2934.9	3033.8	3366.8	3699.8	5160.0	6620.3	8391.3	10162.3	10910.8	11659.4
47.5°	2688.1	2763.8	2891.4	3187.8	3484.3	5076.5	6668.7	8867.9	11067.1	12120.8	13174.3
50°	2548.2	2636.2	2803.9	3069.0	3334.0	4985.5	6637.1	9310.1	11983.1	13571.6	15159.9
52.5°	2444.0	2567.0	2759.8	2990.6	3221.6	4831.9	6442.3	9597.3	12752.1	15095.6	17439.1
55°	2388.6	2573.9	2753.3	2933.9	3114.4	4577.1	6039.8	9534.0	13027.9	16446.7	19865.8
57.5°	2355.4	2580.9	2739.1	2866.6	2994.2	4218.0	5441.6	9088.6	12735.8	17404.3	22072.8
60°	2324.2	2559.1	2663.5	2763.8	2864.1	3751.7	4639.2	8259.8	11880.3	17643.6	23406.8
62.5°	2287.8	2505.7	2518.6	2585.0	2651.7	3193.6	3735.4	7139.0	10542.6	16636.0	22729.4
65°	2211.0	2377.2	2375.6	2407.0	2438.5	2691.4	2944.4	5995.5	9046.9	15210.3	21373.7
67.5°	2074.2	2167.5	2171.9	2154.5	2136.9	2208.9	2280.7	4875.4	7470.1	13513.7	19557.2
70°	1900.5	1931.2	1931.2	1849.9	1768.4	1748.1	1727.5	3838.7	5949.8	11662.4	17374.9
72.5°	1707.1	1706.7	1687.4	1572.1	1456.6	1394.5	1332.6	2934.7	4536.8	9655.4	14774.2
75°	1487.6	1495.1	1405.7	1276.4	1147.1	1090.9	1034.7	2130.0	3225.2	7354.8	11484.4
77.5°	1267.7	1271.6	1124.3	998.7	873.1	834.8	796.6	1443.3	2090.0	5147.7	8205.4
80°	1016.9	1017.5	841.5	735.3	628.9	613.1	597.3	929.9	1262.7	3316.6	5370.4
82.5°	748.0	739.7	589.3	511.0	432.7	429.6	426.8	571.9	717.5	1919.5	3121.8
85°	492.4	481.6	369.8	312.5	255.1	256.7	258.1	305.7	353.6	863.5	1373.5
87.5°	217.5	203.7	157.2	133.7	110.4	111.7	113.1	126.8	140.4	282.8	425.2
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: P955195

CATALOG NUMBER: GALN-SB8B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	5563.4	5584.6	5614.4	5644.3	5662.1	5679.9	5688.8	5697.7	5693.7	5697.7	5688.8
5°	6033.1	6106.7	6179.4	6252.4	6292.0	6331.5	6355.5	6379.6	6397.8	6379.6	6355.5
7.5°	6498.4	6617.7	6725.1	6832.5	6897.1	6961.8	6996.8	7031.6	7048.4	7031.6	6996.8
10°	6841.6	6982.8	7108.8	7234.7	7311.1	7387.0	7421.0	7454.8	7467.7	7454.8	7421.0
12.5°	7050.2	7203.1	7317.0	7430.5	7485.9	7541.3	7559.9	7578.5	7580.4	7578.5	7559.9
15°	7148.9	7280.8	7352.2	7423.8	7425.8	7427.8	7408.0	7388.2	7364.9	7388.2	7408.0
17.5°	7173.2	7262.4	7263.8	7265.0	7184.9	7104.8	7031.4	6957.9	6906.0	6957.9	7031.4
20°	7189.2	7220.5	7126.6	7032.6	6855.8	6679.0	6550.3	6421.5	6342.4	6421.5	6550.3
22.5°	7203.5	7162.7	6968.1	6773.5	6513.5	6253.4	6092.4	5931.4	5844.0	5931.4	6092.4
25°	7226.4	7097.9	6802.4	6506.9	6191.1	5875.3	5706.0	5537.1	5454.4	5537.1	5706.0
27.5°	7275.5	7045.5	6654.1	6262.9	5912.9	5562.8	5396.3	5230.0	5151.8	5230.0	5396.3
30°	7365.3	7022.7	6541.0	6059.2	5694.5	5329.8	5175.4	5020.9	4948.1	5020.9	5175.4
32.5°	7478.0	7008.9	6463.8	5918.8	5576.1	5233.3	5112.1	4990.7	4938.3	4990.7	5112.1
35°	7663.7	7089.6	6521.6	5953.8	5715.7	5477.8	5449.5	5421.2	5416.9	5421.2	5449.5
37.5°	8051.9	7376.3	6860.2	6344.0	6328.6	6313.1	6442.5	6571.8	6639.1	6571.8	6442.5
40°	8732.4	7997.7	7613.9	7230.0	7500.9	7771.9	8086.3	8400.8	8557.4	8400.8	8086.3
42.5°	9719.1	8990.1	8769.0	8547.9	9138.8	9729.8	10301.7	10873.7	11209.5	10873.7	10301.7
45°	11004.6	10349.6	10252.1	10154.4	11101.1	12048.0	12987.8	13927.8	14498.3	13927.8	12987.8
47.5°	12537.3	11900.1	11880.3	11860.5	13226.3	14591.7	15967.6	17343.2	18151.1	17343.2	15967.6
50°	14373.0	13586.2	13589.6	13593.0	15353.1	17113.2	18929.3	20745.4	21843.4	20745.4	18929.3
52.5°	16486.3	15533.7	15437.3	15340.8	17443.3	19545.8	21792.8	24039.6	25355.8	24039.6	21792.8
55°	18924.4	17983.0	17607.4	17231.9	19571.9	21911.7	24590.4	27269.2	28834.5	27269.2	24590.4
57.5°	21560.2	21047.4	20294.1	19541.0	21903.7	24266.5	27300.6	30334.6	32275.7	30334.6	27300.6
60°	24203.0	24999.4	24064.0	23128.5	25364.5	27600.4	30849.0	34097.5	36195.4	34097.5	30849.0
62.5°	24905.1	27080.7	26975.3	26869.7	28918.0	30966.4	34057.2	37147.7	39086.8	37147.7	34057.2
65°	23415.7	25457.6	25861.7	26265.5	28868.5	31471.7	34468.7	37465.5	39116.4	37465.5	34468.7
67.5°	21499.3	23441.4	23630.9	23820.1	26532.3	29244.3	32254.1	35263.9	36557.3	35263.9	32254.1
70°	19487.2	21599.8	21684.4	21769.3	24194.7	26619.9	29210.1	31800.0	32518.9	31800.0	29210.1
72.5°	17198.3	19622.5	19683.4	19744.1	21641.7	23539.3	25479.2	27418.9	27491.7	27418.9	25479.2
75°	13993.2	16502.1	16727.4	16952.6	18429.0	19905.3	21270.9	22636.5	22270.6	22636.5	21270.9
77.5°	10547.3	12889.5	13211.9	13534.2	14656.6	15778.9	16747.4	17716.0	17087.1	17716.0	16747.4
80°	7340.7	9310.9	9711.6	10112.3	10959.9	11807.1	12315.8	12824.2	11812.7	12824.2	12315.8
82.5°	4468.8	5815.9	6263.5	6711.2	7294.7	7878.1	8090.3	8302.3	7507.3	8302.3	8090.3
85°	2088.4	2803.4	3184.1	3564.8	4044.1	4523.3	4643.8	4764.2	4127.4	4764.2	4643.8
87.5°	665.5	905.8	1118.2	1330.6	1570.3	1810.0	1820.3	1830.3	1536.7	1830.3	1820.3
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: P955195

CATALOG NUMBER: GALN-SB8B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8	5153.8
2.5°	5679.9	5662.1	5644.3	5614.4	5584.6	5563.4	5542.4
5°	6331.5	6292.0	6252.4	6179.4	6106.7	6033.1	5959.7
7.5°	6961.8	6897.1	6832.5	6725.1	6617.7	6498.4	6379.0
10°	7387.0	7311.1	7234.7	7108.8	6982.8	6841.6	6700.4
12.5°	7541.3	7485.9	7430.5	7317.0	7203.1	7050.2	6897.1
15°	7427.8	7425.8	7423.8	7352.2	7280.8	7148.9	7016.8
17.5°	7104.8	7184.9	7265.0	7263.8	7262.4	7173.2	7084.0
20°	6679.0	6855.8	7032.6	7126.6	7220.5	7189.2	7158.2
22.5°	6253.4	6513.5	6773.5	6968.1	7162.7	7203.5	7244.2
25°	5875.3	6191.1	6506.9	6802.4	7097.9	7226.4	7355.0
27.5°	5562.8	5912.9	6262.9	6654.1	7045.5	7275.5	7505.3
30°	5329.8	5694.5	6059.2	6541.0	7022.7	7365.3	7708.0
32.5°	5233.3	5576.1	5918.8	6463.8	7008.9	7478.0	7947.3
35°	5477.8	5715.7	5953.8	6521.6	7089.6	7663.7	8238.0
37.5°	6313.1	6328.6	6344.0	6860.2	7376.3	8051.9	8727.5
40°	7771.9	7500.9	7230.0	7613.9	7997.7	8732.4	9467.1
42.5°	9729.8	9138.8	8547.9	8769.0	8990.1	9719.1	10448.1
45°	12048.0	11101.1	10154.4	10252.1	10349.6	11004.6	11659.4
47.5°	14591.7	13226.3	11860.5	11880.3	11900.1	12537.3	13174.3
50°	17113.2	15353.1	13593.0	13589.6	13586.2	14373.0	15159.9
52.5°	19545.8	17443.3	15340.8	15437.3	15533.7	16486.3	17439.1
55°	21911.7	19571.9	17231.9	17607.4	17983.0	18924.4	19865.8
57.5°	24266.5	21903.7	19541.0	20294.1	21047.4	21560.2	22072.8
60°	27600.4	25364.5	23128.5	24064.0	24999.4	24203.0	23406.8
62.5°	30966.4	28918.0	26869.7	26975.3	27080.7	24905.1	22729.4
65°	31471.7	28868.5	26265.5	25861.7	25457.6	23415.7	21373.7
67.5°	29244.3	26532.3	23820.1	23630.9	23441.4	21499.3	19557.2
70°	26619.9	24194.7	21769.3	21684.4	21599.8	19487.2	17374.9
72.5°	23539.3	21641.7	19744.1	19683.4	19622.5	17198.3	14774.2
75°	19905.3	18429.0	16952.6	16727.4	16502.1	13993.2	11484.4
77.5°	15778.9	14656.6	13534.2	13211.9	12889.5	10547.3	8205.4
80°	11807.1	10959.9	10112.3	9711.6	9310.9	7340.7	5370.4
82.5°	7878.1	7294.7	6711.2	6263.5	5815.9	4468.8	3121.8
85°	4523.3	4044.1	3564.8	3184.1	2803.4	2088.4	1373.5
87.5°	1810.0	1570.3	1330.6	1118.2	905.8	665.5	425.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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