

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: P956623

Luminaire Tested: **GALN-SB9B-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956623
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-SB9B-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 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: 42218 lumens
Efficiency: N/A
Efficacy: 128.1 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): 329.5
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

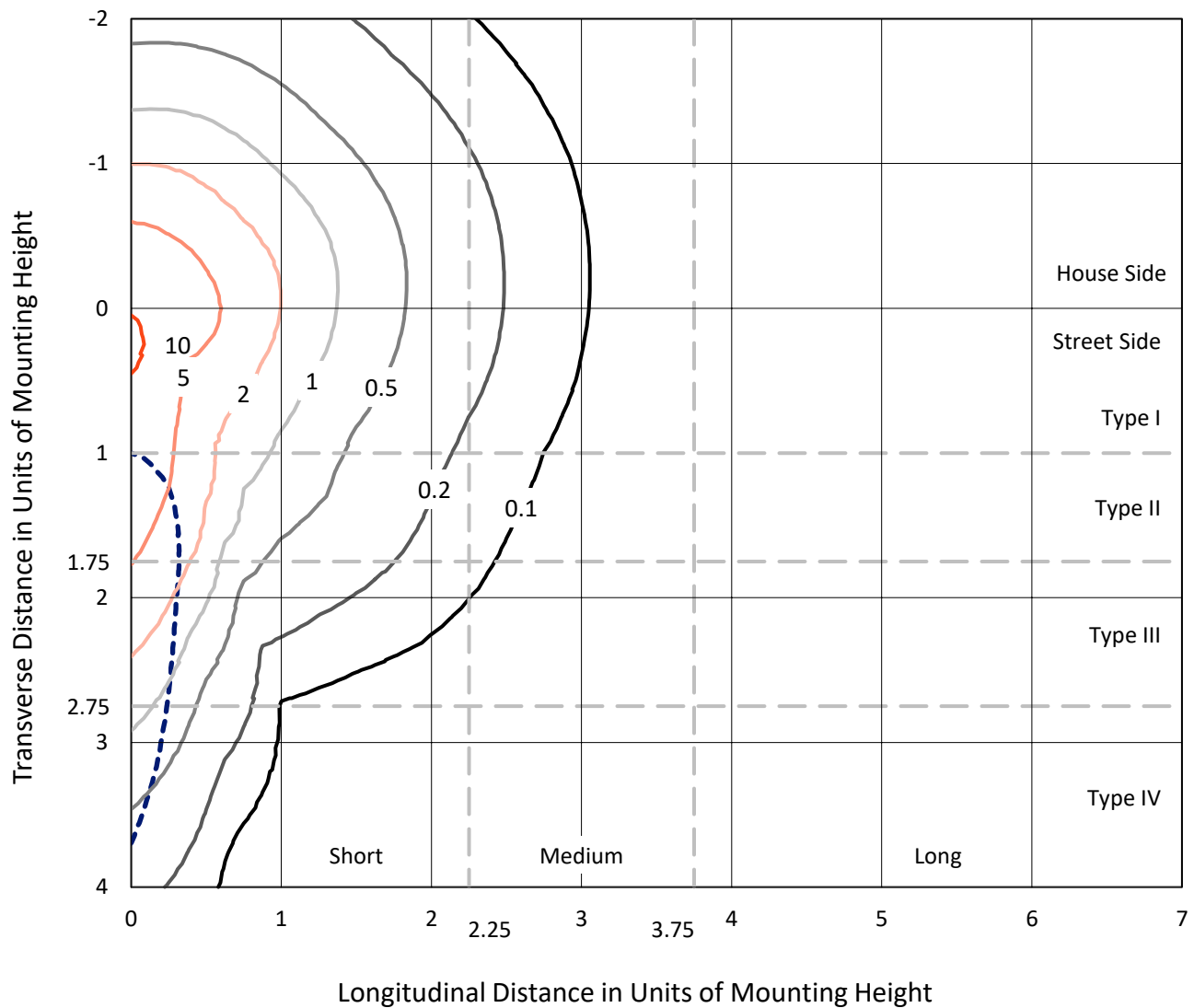


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Iso-Footcandle Lines of Horizontal Illumination

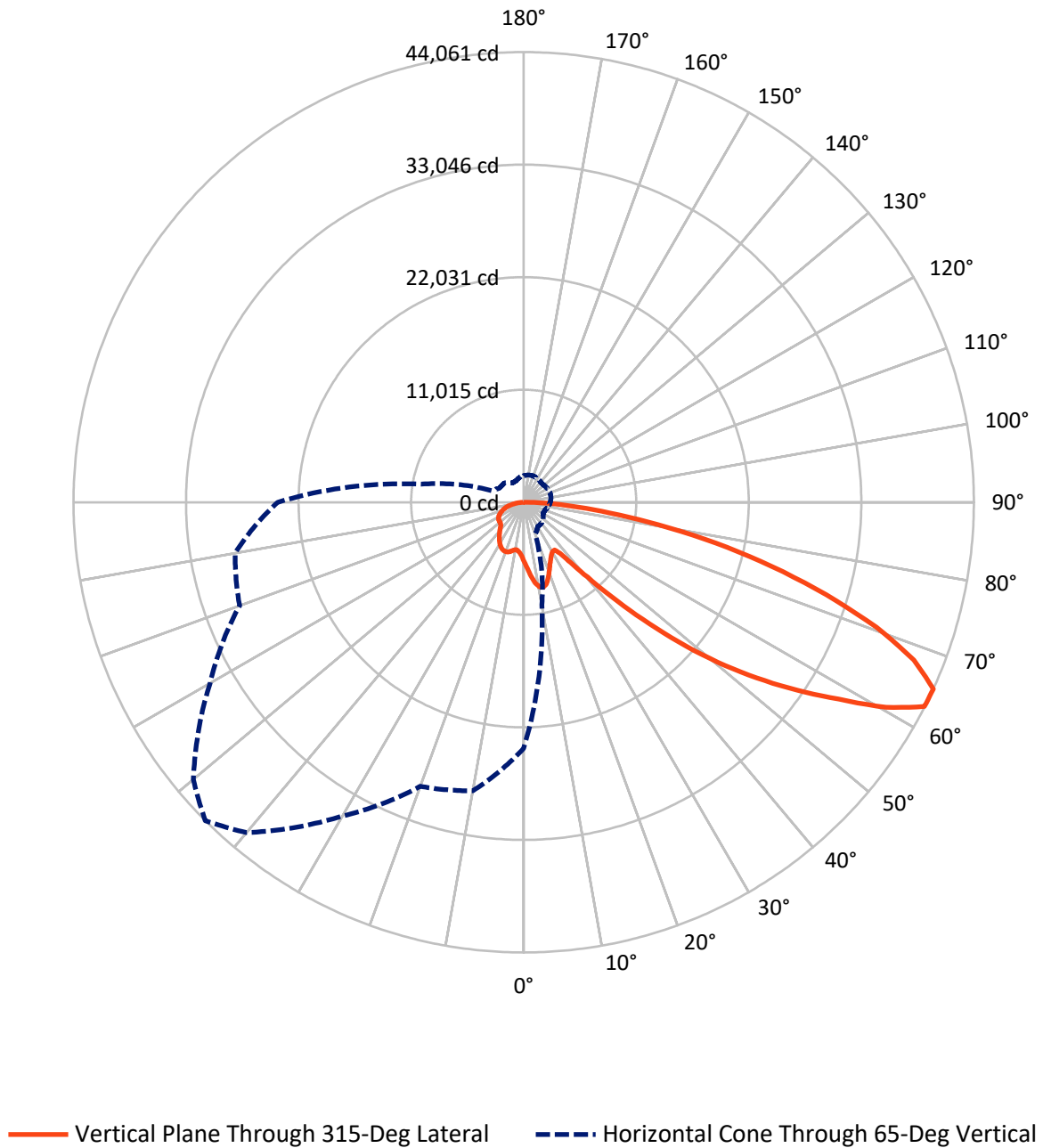
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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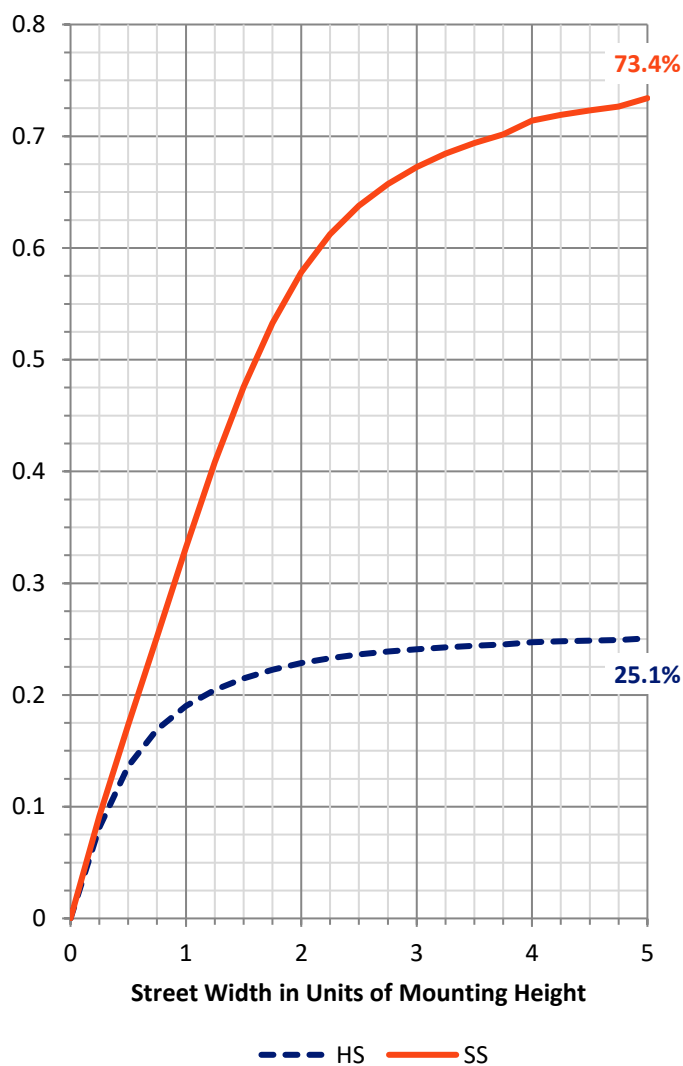
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10729.7	0.0	10729.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	31488.3	0.0	31488.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	42218.0	0.0	42218.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	575.9	1.4
10°-20°	1807.8	4.3
20°-30°	2792.5	6.6
30°-40°	3538.7	8.4
40°-50°	5337.3	12.6
50°-60°	8623.2	20.4
60°-70°	10750.2	25.5
70°-80°	7049.5	16.7
80°-90°	1742.8	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°	42218.0	100.0
0°-180°	42218.0	100.0

Coefficient of Utilization



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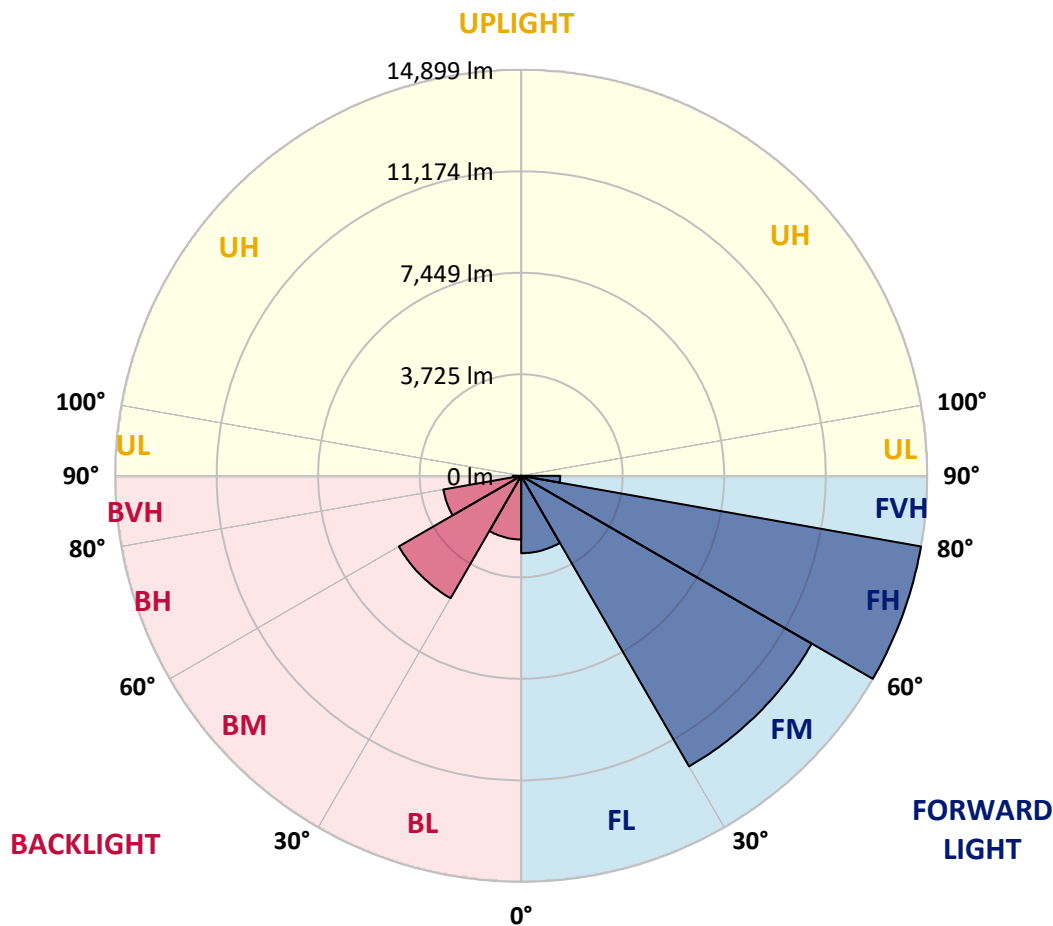
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2839.6	6.7			
FM	(30°-60°)	12314.1	29.2			
FH	(60°-80°)	14898.9	35.3			G5
FVH	(80°-90°)	1435.7	3.4			G5
BL	(0°-30°)	2336.5	5.5	B3/2500		
BM	(30°-60°)	5185.2	12.3	B4/8500		
BH	(60°-80°)	2900.8	6.9	B4/5000		G4/5000
BVH	(80°-90°)	307.1	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°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	6243.1	6195.2	6147.3	6096.3	6045.5	5994.2	5943.0	5894.0	5845.0	5797.5	5744.7
5°	6713.1	6607.3	6501.5	6395.9	6290.5	6184.3	6078.2	5979.1	5880.0	5786.4	5694.0
7.5°	7185.4	7010.7	6836.3	6675.0	6513.7	6356.7	6199.6	6061.3	5923.0	5795.3	5675.7
10°	7547.4	7326.6	7105.9	6892.7	6679.7	6489.0	6298.1	6134.6	5970.6	5813.1	5684.6
12.5°	7769.0	7526.4	7284.1	7042.6	6801.1	6576.1	6351.1	6166.0	5980.9	5815.4	5695.7
15°	7903.8	7651.0	7398.1	7136.2	6874.2	6615.1	6356.0	6141.7	5927.4	5744.1	5648.3
17.5°	7979.6	7723.1	7466.7	7180.9	6895.1	6594.4	6293.6	6035.9	5778.2	5562.5	5503.5
20°	8063.1	7796.7	7530.0	7215.9	6901.8	6537.4	6172.9	5853.5	5534.0	5282.9	5267.4
22.5°	8160.0	7887.8	7615.3	7263.1	6910.7	6467.4	6024.1	5639.4	5254.7	4968.8	4999.4
25°	8284.7	8017.9	7751.2	7348.7	6945.9	6398.3	5851.0	5400.3	4949.9	4657.0	4739.4
27.5°	8454.1	8199.7	7945.0	7482.3	7019.4	6352.2	5685.0	5181.8	4678.6	4411.9	4512.2
30°	8682.4	8436.5	8190.7	7655.4	7120.1	6330.6	5540.7	4999.1	4457.6	4233.7	4312.3
32.5°	8951.9	8708.5	8465.2	7836.1	7207.0	6303.9	5400.3	4841.6	4282.7	4102.3	4137.3
35°	9279.4	9046.4	8813.2	8041.9	7270.7	6253.5	5236.8	4686.8	4136.8	3986.4	3972.0
37.5°	9830.8	9533.6	9236.4	8272.5	7308.6	6167.3	5026.1	4504.6	3983.1	3851.7	3798.6
40°	10663.9	10230.9	9797.8	8565.2	7332.4	6048.6	4765.0	4287.2	3809.3	3690.2	3608.8
42.5°	11768.8	11143.8	10518.7	8948.2	7377.6	5926.1	4475.0	4047.3	3619.5	3509.7	3407.2
45°	13133.3	12290.1	11446.9	9452.1	7457.2	5812.2	4167.5	3792.4	3417.3	3305.9	3206.7
47.5°	14839.7	13653.0	12466.1	9988.9	7511.7	5718.2	3924.7	3590.8	3256.9	3113.2	3027.9
50°	17076.3	15287.2	13498.0	10487.0	7476.1	5615.8	3755.4	3456.9	3158.4	2969.5	2870.4
52.5°	19643.7	17003.9	14364.1	10810.5	7256.7	5442.7	3628.9	3368.7	3108.7	2891.5	2753.0
55°	22377.1	18525.8	14674.9	10739.2	6803.3	5155.7	3508.2	3304.8	3101.4	2899.3	2690.6
57.5°	24863.2	19604.5	14345.8	10237.5	6129.5	4751.2	3372.7	3229.0	3085.3	2907.1	2653.2
60°	26365.7	19874.0	13382.1	9303.9	5225.7	4225.9	3226.1	3113.2	3000.2	2882.6	2618.0
62.5°	25602.7	18739.0	11875.3	8041.5	4207.6	3597.3	2986.9	2911.8	2837.0	2822.5	2577.0
65°	24075.7	17133.1	10190.5	6753.4	3316.6	3031.7	2746.7	2711.3	2675.9	2677.7	2490.5
67.5°	22029.5	15222.0	8414.4	5491.7	2569.0	2488.1	2407.0	2426.8	2446.4	2441.5	2336.4
70°	19571.3	13136.6	6702.0	4323.9	1945.9	1969.0	1992.0	2083.8	2175.3	2175.3	2140.8
72.5°	16641.9	10876.0	5110.3	3305.7	1501.0	1570.7	1640.7	1770.8	1900.7	1922.5	1922.9
75°	12936.1	8284.5	3632.9	2399.2	1165.5	1228.8	1292.1	1437.7	1583.4	1684.1	1675.7
77.5°	9242.7	5798.4	2354.2	1625.8	897.3	940.3	983.5	1125.0	1266.4	1432.4	1427.9
80°	6049.3	3735.8	1422.4	1047.5	672.8	690.6	708.4	828.3	947.9	1146.1	1145.5
82.5°	3516.4	2162.2	808.2	644.2	480.7	483.9	487.4	575.6	663.8	833.2	842.5
85°	1547.1	972.6	398.3	344.4	290.7	289.2	287.4	352.0	416.6	542.4	554.7
87.5°	479.0	318.6	158.2	142.8	127.4	125.9	124.3	150.6	177.1	229.5	245.0
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°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	5702.0	5659.4	5620.9	5582.6	5548.9	5515.3	5481.4	5447.8	5421.7	5395.4	5374.3
5°	5613.3	5532.4	5464.7	5397.2	5337.5	5277.8	5223.7	5169.3	5127.7	5085.8	5056.6
7.5°	5568.3	5461.2	5372.1	5282.9	5207.9	5132.6	5066.2	5000.0	4950.4	4900.9	4866.1
10°	5571.4	5458.3	5369.2	5280.1	5199.2	5118.1	5043.5	4968.8	4909.6	4850.1	4811.3
12.5°	5603.1	5510.8	5451.6	5392.8	5329.1	5265.8	5188.5	5111.4	5035.7	4959.9	4909.8
15°	5604.0	5559.8	5567.9	5575.9	5559.4	5542.9	5475.9	5408.8	5301.0	5193.2	5117.0
17.5°	5519.7	5535.8	5632.9	5730.0	5781.7	5833.2	5779.1	5725.1	5582.3	5439.6	5327.3
20°	5343.1	5418.8	5587.5	5756.3	5864.4	5972.4	5947.5	5922.3	5759.0	5595.9	5458.3
22.5°	5111.4	5223.5	5415.9	5608.9	5749.4	5890.0	5905.1	5920.1	5764.1	5608.2	5466.5
25°	4868.6	4997.8	5170.9	5344.2	5482.5	5620.9	5672.6	5724.0	5596.2	5468.5	5342.4
27.5°	4636.9	4761.7	4904.0	5046.1	5157.1	5268.0	5325.5	5383.2	5292.1	5201.2	5103.4
30°	4411.3	4510.6	4628.7	4746.7	4838.7	4931.0	4977.8	5024.5	4955.3	4885.8	4815.8
32.5°	4195.8	4254.4	4348.7	4443.1	4531.3	4619.8	4671.7	4723.8	4660.1	4596.2	4540.2
35°	3988.0	4004.3	4076.2	4147.9	4235.3	4322.8	4385.2	4447.6	4402.1	4356.9	4305.2
37.5°	3780.8	3763.0	3814.7	3866.1	3953.2	4040.6	4117.6	4194.7	4173.8	4152.8	4105.4
40°	3568.5	3528.2	3565.4	3602.6	3686.8	3771.0	3859.7	3948.6	3953.7	3958.6	3918.3
42.5°	3353.8	3300.3	3330.6	3361.1	3440.9	3520.9	3616.6	3712.4	3738.0	3763.7	3729.6
45°	3154.6	3102.7	3128.1	3154.0	3229.7	3305.4	3404.8	3504.1	3540.9	3577.7	3546.9
47.5°	2984.2	2940.5	2964.6	2988.4	3062.6	3136.6	3234.6	3332.6	3374.9	3417.3	3395.9
50°	2831.6	2793.1	2830.5	2868.1	2938.1	3007.8	3095.6	3183.4	3237.7	3292.1	3290.7
52.5°	2714.7	2676.6	2732.9	2789.1	2853.2	2917.1	2998.9	3080.9	3145.3	3209.6	3221.2
55°	2630.0	2569.6	2649.6	2729.4	2798.4	2867.5	2939.2	3010.7	3078.9	3147.3	3163.3
57.5°	2565.0	2476.7	2562.7	2648.7	2729.8	2810.9	2881.7	2952.8	3021.6	3090.2	3106.5
60°	2503.7	2389.2	2464.7	2540.0	2633.1	2726.2	2798.2	2870.4	2939.4	3008.5	3026.3
62.5°	2434.0	2291.2	2339.1	2387.0	2495.4	2604.2	2681.0	2757.9	2821.1	2884.4	2901.6
65°	2338.6	2186.5	2205.0	2223.2	2339.5	2456.0	2529.5	2603.0	2658.7	2714.4	2732.0
67.5°	2209.9	2083.3	2077.5	2071.7	2179.1	2286.7	2356.4	2425.9	2474.1	2522.2	2539.3
70°	2050.8	1960.8	1940.8	1920.7	2015.2	2109.6	2169.8	2229.9	2273.3	2316.8	2333.3
72.5°	1861.2	1799.5	1770.1	1740.9	1815.3	1889.5	1943.9	1998.2	2040.8	2083.3	2102.9
75°	1628.2	1580.5	1552.5	1524.2	1579.4	1634.7	1683.9	1733.1	1771.9	1810.7	1831.2
77.5°	1389.9	1351.8	1323.2	1294.7	1339.7	1384.5	1426.8	1469.2	1509.9	1550.5	1569.6
80°	1113.6	1081.5	1057.7	1033.6	1071.1	1108.3	1143.9	1179.6	1210.5	1241.3	1266.7
82.5°	826.9	811.3	794.4	777.5	774.3	771.2	758.7	746.3	812.2	878.2	921.4
85°	538.0	521.3	502.3	483.4	467.4	451.1	416.6	382.0	443.8	505.7	559.1
87.5°	238.4	231.7	228.1	224.6	223.9	223.2	196.9	170.4	196.3	222.3	243.9
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	5353.1	5336.6	5320.1	5305.0	5289.6	5270.7	5289.6	5305.0	5320.1	5336.6	5353.1
5°	5027.4	5006.7	4986.0	4970.2	4954.4	4938.8	4954.4	4970.2	4986.0	5006.7	5027.4
7.5°	4831.4	4807.6	4783.9	4769.7	4755.7	4745.0	4755.7	4769.7	4783.9	4807.6	4831.4
10°	4772.1	4749.6	4727.1	4715.1	4703.1	4698.2	4703.1	4715.1	4727.1	4749.6	4772.1
12.5°	4859.7	4834.5	4809.6	4799.3	4789.1	4787.3	4789.1	4799.3	4809.6	4834.5	4859.7
15°	5040.8	5005.8	4971.1	4957.7	4944.3	4943.2	4944.3	4957.7	4971.1	5005.8	5040.8
17.5°	5215.0	5163.3	5111.4	5094.5	5077.3	5074.7	5077.3	5094.5	5111.4	5163.3	5215.0
20°	5320.8	5254.7	5188.3	5167.1	5145.9	5139.3	5145.9	5167.1	5188.3	5254.7	5320.8
22.5°	5324.6	5254.9	5184.9	5161.5	5138.1	5128.1	5138.1	5161.5	5184.9	5254.9	5324.6
25°	5216.8	5156.2	5095.8	5073.8	5051.9	5039.0	5051.9	5073.8	5095.8	5156.2	5216.8
27.5°	5005.6	4965.1	4924.3	4914.3	4904.2	4900.9	4904.2	4914.3	4924.3	4965.1	5005.6
30°	4745.4	4724.7	4703.7	4703.7	4703.7	4707.1	4703.7	4703.7	4703.7	4724.7	4745.4
32.5°	4484.3	4470.7	4457.1	4458.9	4460.9	4464.3	4460.9	4458.9	4470.7	4484.3	4484.3
35°	4253.8	4233.0	4212.5	4208.1	4203.6	4201.4	4203.6	4208.1	4212.5	4233.0	4253.8
37.5°	4057.7	4020.1	3982.6	3962.8	3943.0	3931.9	3943.0	3962.8	3982.6	4020.1	4057.7
40°	3877.9	3823.1	3768.8	3731.8	3695.3	3673.4	3695.3	3731.8	3768.8	3823.1	3877.9
42.5°	3695.7	3627.8	3559.8	3506.1	3452.5	3417.3	3452.5	3506.1	3559.8	3627.8	3695.7
45°	3516.4	3438.6	3361.1	3298.1	3235.0	3194.5	3235.0	3298.1	3361.1	3438.6	3516.4
47.5°	3374.5	3305.4	3236.4	3178.0	3119.9	3080.9	3119.9	3178.0	3236.4	3305.4	3374.5
50°	3289.8	3234.6	3179.3	3125.4	3071.5	3034.1	3071.5	3125.4	3179.3	3234.6	3289.8
52.5°	3232.8	3187.8	3142.8	3094.5	3046.4	3011.8	3046.4	3094.5	3142.8	3187.8	3232.8
55°	3179.3	3140.1	3100.9	3058.6	3016.3	2985.1	3016.3	3058.6	3100.9	3140.1	3179.3
57.5°	3122.8	3083.1	3043.5	3001.6	2959.5	2927.2	2959.5	3001.6	3043.5	3083.1	3122.8
60°	3044.1	3005.4	2966.8	2923.6	2880.4	2847.0	2880.4	2923.6	2966.8	3005.4	3044.1
62.5°	2918.7	2883.7	2848.8	2803.3	2757.9	2717.8	2757.9	2803.3	2848.8	2883.7	2918.7
65°	2749.4	2715.8	2682.1	2638.0	2594.1	2559.6	2594.1	2638.0	2682.1	2715.8	2749.4
67.5°	2556.3	2525.3	2494.6	2453.6	2412.6	2381.4	2412.6	2453.6	2494.6	2525.3	2556.3
70°	2349.8	2324.6	2299.4	2260.2	2221.0	2185.4	2221.0	2260.2	2299.4	2324.6	2349.8
72.5°	2122.5	2101.6	2080.7	2043.2	2006.0	1971.5	2006.0	2043.2	2080.7	2101.6	2122.5
75°	1851.6	1841.4	1831.2	1799.7	1768.3	1735.4	1768.3	1799.7	1831.2	1841.4	1851.6
77.5°	1588.8	1574.5	1559.8	1528.2	1496.6	1470.3	1496.6	1528.2	1559.8	1574.5	1588.8
80°	1292.1	1285.8	1279.8	1237.3	1194.5	1145.0	1194.5	1237.3	1279.8	1285.8	1292.1
82.5°	964.6	961.9	959.0	923.2	887.1	855.4	887.1	923.2	959.0	961.9	964.6
85°	612.6	608.2	603.7	575.6	547.6	519.0	547.6	575.6	603.7	608.2	612.6
87.5°	265.5	260.2	254.4	240.1	225.4	211.6	225.4	240.1	254.4	260.2	265.5
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: P956623

CATALOG NUMBER: GALN-SB9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	5374.3	5395.4	5421.7	5447.8	5481.4	5515.3	5548.9	5582.6	5620.9	5659.4	5702.0
5°	5056.6	5085.8	5127.7	5169.3	5223.7	5277.8	5337.5	5397.2	5464.7	5532.4	5613.3
7.5°	4866.1	4900.9	4950.4	5000.0	5066.2	5132.6	5207.9	5282.9	5372.1	5461.2	5568.3
10°	4811.3	4850.1	4909.6	4968.8	5043.5	5118.1	5199.2	5280.1	5369.2	5458.3	5571.4
12.5°	4909.8	4959.9	5035.7	5111.4	5188.5	5265.8	5329.1	5392.8	5451.6	5510.8	5603.1
15°	5117.0	5193.2	5301.0	5408.8	5475.9	5542.9	5559.4	5575.9	5567.9	5559.8	5604.0
17.5°	5327.3	5439.6	5582.3	5725.1	5779.1	5833.2	5781.7	5730.0	5632.9	5535.8	5519.7
20°	5458.3	5595.9	5759.0	5922.3	5947.5	5972.4	5864.4	5756.3	5587.5	5418.8	5343.1
22.5°	5466.5	5608.2	5764.1	5920.1	5905.1	5890.0	5749.4	5608.9	5415.9	5223.5	5111.4
25°	5342.4	5468.5	5596.2	5724.0	5672.6	5620.9	5482.5	5344.2	5170.9	4997.8	4868.6
27.5°	5103.4	5201.2	5292.1	5383.2	5325.5	5268.0	5157.1	5046.1	4904.0	4761.7	4636.9
30°	4815.8	4885.8	4955.3	5024.5	4977.8	4931.0	4838.7	4746.7	4628.7	4510.6	4411.3
32.5°	4540.2	4596.2	4660.1	4723.8	4671.7	4619.8	4531.3	4443.1	4348.7	4254.4	4195.8
35°	4305.2	4356.9	4402.1	4447.6	4385.2	4322.8	4235.3	4147.9	4076.2	4004.3	3988.0
37.5°	4105.4	4152.8	4173.8	4194.7	4117.6	4040.6	3953.2	3866.1	3814.7	3763.0	3780.8
40°	3918.3	3958.6	3953.7	3948.6	3859.7	3771.0	3686.8	3602.6	3565.4	3528.2	3568.5
42.5°	3729.6	3763.7	3738.0	3712.4	3616.6	3520.9	3440.9	3361.1	3330.6	3300.3	3353.8
45°	3546.9	3577.7	3540.9	3504.1	3404.8	3305.4	3229.7	3154.0	3128.1	3102.7	3154.6
47.5°	3395.9	3417.3	3374.9	3332.6	3234.6	3136.6	3062.6	2988.4	2964.6	2940.5	2984.2
50°	3290.7	3292.1	3237.7	3183.4	3095.6	3007.8	2938.1	2868.1	2830.5	2793.1	2831.6
52.5°	3221.2	3209.6	3145.3	3080.9	2998.9	2917.1	2853.2	2789.1	2732.9	2676.6	2714.7
55°	3163.3	3147.3	3078.9	3010.7	2939.2	2867.5	2798.4	2729.4	2649.6	2569.6	2630.0
57.5°	3106.5	3090.2	3021.6	2952.8	2881.7	2810.9	2729.8	2648.7	2562.7	2476.7	2565.0
60°	3026.3	3008.5	2939.4	2870.4	2798.2	2726.2	2633.1	2540.0	2464.7	2389.2	2503.7
62.5°	2901.6	2884.4	2821.1	2757.9	2681.0	2604.2	2495.4	2387.0	2339.1	2291.2	2434.0
65°	2732.0	2714.4	2658.7	2603.0	2529.5	2456.0	2339.5	2223.2	2205.0	2186.5	2338.6
67.5°	2539.3	2522.2	2474.1	2425.9	2356.4	2286.7	2179.1	2071.7	2077.5	2083.3	2209.9
70°	2333.3	2316.8	2273.3	2229.9	2169.8	2109.6	2015.2	1920.7	1940.8	1960.8	2050.8
72.5°	2102.9	2083.3	2040.8	1998.2	1943.9	1889.5	1815.3	1740.9	1770.1	1799.5	1861.2
75°	1831.2	1810.7	1771.9	1733.1	1683.9	1634.7	1579.4	1524.2	1552.5	1580.5	1628.2
77.5°	1569.6	1550.5	1509.9	1469.2	1426.8	1384.5	1339.7	1294.7	1323.2	1351.8	1389.9
80°	1266.7	1241.3	1210.5	1179.6	1143.9	1108.3	1071.1	1033.6	1057.7	1081.5	1113.6
82.5°	921.4	878.2	812.2	746.3	758.7	771.2	774.3	777.5	794.4	811.3	826.9
85°	559.1	505.7	443.8	382.0	416.6	451.1	467.4	483.4	502.3	521.3	538.0
87.5°	243.9	222.3	196.3	170.4	196.9	223.2	223.9	224.6	228.1	231.7	238.4
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: P956623

CATALOG NUMBER: GALN-SB9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	5744.7	5797.5	5845.0	5894.0	5943.0	5994.2	6045.5	6096.3	6147.3	6195.2	6243.1
5°	5694.0	5786.4	5880.0	5979.1	6078.2	6184.3	6290.5	6395.9	6501.5	6607.3	6713.1
7.5°	5675.7	5795.3	5923.0	6061.3	6199.6	6356.7	6513.7	6675.0	6836.3	7010.7	7185.4
10°	5684.6	5813.1	5970.6	6134.6	6298.1	6489.0	6679.7	6892.7	7105.9	7326.6	7547.4
12.5°	5695.7	5815.4	5980.9	6166.0	6351.1	6576.1	6801.1	7042.6	7284.1	7526.4	7769.0
15°	5648.3	5744.1	5927.4	6141.7	6356.0	6615.1	6874.2	7136.2	7398.1	7651.0	7903.8
17.5°	5503.5	5562.5	5778.2	6035.9	6293.6	6594.4	6895.1	7180.9	7466.7	7723.1	7979.6
20°	5267.4	5282.9	5534.0	5853.5	6172.9	6537.4	6901.8	7215.9	7530.0	7796.7	8063.1
22.5°	4999.4	4968.8	5254.7	5639.4	6024.1	6467.4	6910.7	7263.1	7615.3	7887.8	8160.0
25°	4739.4	4657.0	4949.9	5400.3	5851.0	6398.3	6945.9	7348.7	7751.2	8017.9	8284.7
27.5°	4512.2	4411.9	4678.6	5181.8	5685.0	6352.2	7019.4	7482.3	7945.0	8199.7	8454.1
30°	4312.3	4233.7	4457.6	4999.1	5540.7	6330.6	7120.1	7655.4	8190.7	8436.5	8682.4
32.5°	4137.3	4102.3	4282.7	4841.6	5400.3	6303.9	7207.0	7836.1	8465.2	8708.5	8951.9
35°	3972.0	3986.4	4136.8	4686.8	5236.8	6253.5	7270.7	8041.9	8813.2	9046.4	9279.4
37.5°	3798.6	3851.7	3983.1	4504.6	5026.1	6167.3	7308.6	8272.5	9236.4	9533.6	9830.8
40°	3608.8	3690.2	3809.3	4287.2	4765.0	6048.6	7332.4	8565.2	9797.8	10230.9	10663.9
42.5°	3407.2	3509.7	3619.5	4047.3	4475.0	5926.1	7377.6	8948.2	10518.7	11143.8	11768.8
45°	3206.7	3305.9	3417.3	3792.4	4167.5	5812.2	7457.2	9452.1	11446.9	12290.1	13133.3
47.5°	3027.9	3113.2	3256.9	3590.8	3924.7	5718.2	7511.7	9988.9	12466.1	13653.0	14839.7
50°	2870.4	2969.5	3158.4	3456.9	3755.4	5615.8	7476.1	10487.0	13498.0	15287.2	17076.3
52.5°	2753.0	2891.5	3108.7	3368.7	3628.9	5442.7	7256.7	10810.5	14364.1	17003.9	19643.7
55°	2690.6	2899.3	3101.4	3304.8	3508.2	5155.7	6803.3	10739.2	14674.9	18525.8	22377.1
57.5°	2653.2	2907.1	3085.3	3229.0	3372.7	4751.2	6129.5	10237.5	14345.8	19604.5	24863.2
60°	2618.0	2882.6	3000.2	3113.2	3226.1	4225.9	5225.7	9303.9	13382.1	19874.0	26365.7
62.5°	2577.0	2822.5	2837.0	2911.8	2986.9	3597.3	4207.6	8041.5	11875.3	18739.0	25602.7
65°	2490.5	2677.7	2675.9	2711.3	2746.7	3031.7	3316.6	6753.4	10190.5	17133.1	24075.7
67.5°	2336.4	2441.5	2446.4	2426.8	2407.0	2488.1	2569.0	5491.7	8414.4	15222.0	22029.5
70°	2140.8	2175.3	2175.3	2083.8	1992.0	1969.0	1945.9	4323.9	6702.0	13136.6	19571.3
72.5°	1922.9	1922.5	1900.7	1770.8	1640.7	1570.7	1501.0	3305.7	5110.3	10876.0	16641.9
75°	1675.7	1684.1	1583.4	1437.7	1292.1	1228.8	1165.5	2399.2	3632.9	8284.5	12936.1
77.5°	1427.9	1432.4	1266.4	1125.0	983.5	940.3	897.3	1625.8	2354.2	5798.4	9242.7
80°	1145.5	1146.1	947.9	828.3	708.4	690.6	672.8	1047.5	1422.4	3735.8	6049.3
82.5°	842.5	833.2	663.8	575.6	487.4	483.9	480.7	644.2	808.2	2162.2	3516.4
85°	554.7	542.4	416.6	352.0	287.4	289.2	290.7	344.4	398.3	972.6	1547.1
87.5°	245.0	229.5	177.1	150.6	124.3	125.9	127.4	142.8	158.2	318.6	479.0
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: P956623

CATALOG NUMBER: GALN-SB9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	6266.7	6290.5	6324.2	6357.8	6377.9	6397.9	6407.9	6418.0	6413.5	6418.0	6407.9
5°	6795.8	6878.6	6960.6	7042.8	7087.4	7131.9	7158.9	7186.1	7206.6	7186.1	7158.9
7.5°	7319.9	7454.3	7575.2	7696.2	7769.0	7841.9	7881.3	7920.5	7939.5	7920.5	7881.3
10°	7706.4	7865.5	8007.4	8149.3	8235.3	8320.8	8359.2	8397.2	8411.7	8397.2	8359.2
12.5°	7941.5	8113.7	8242.0	8369.8	8432.2	8494.6	8515.5	8536.5	8538.7	8536.5	8515.5
15°	8052.6	8201.2	8281.6	8362.3	8364.5	8366.7	8344.5	8322.2	8295.9	8322.2	8344.5
17.5°	8080.0	8180.5	8182.1	8183.4	8093.2	8002.9	7920.3	7837.4	7779.1	7837.4	7920.3
20°	8098.1	8133.3	8027.5	7921.6	7722.5	7523.3	7378.3	7233.3	7144.2	7233.3	7378.3
22.5°	8114.1	8068.2	7849.0	7629.8	7336.9	7043.9	6862.6	6681.3	6582.8	6681.3	6862.6
25°	8139.9	7995.1	7662.3	7329.5	6973.8	6618.0	6427.3	6237.1	6143.9	6237.1	6427.3
27.5°	8195.2	7936.1	7495.3	7054.6	6660.3	6266.0	6078.5	5891.1	5803.1	5891.1	6078.5
30°	8296.3	7910.5	7367.8	6825.2	6414.4	6003.6	5829.6	5655.6	5573.7	5655.6	5829.6
32.5°	8423.3	7894.9	7281.0	6667.0	6280.9	5894.9	5758.3	5621.6	5562.5	5621.6	5758.3
35°	8632.5	7985.8	7346.0	6706.4	6438.2	6170.2	6138.4	6106.5	6101.6	6106.5	6138.4
37.5°	9069.8	8308.8	7727.4	7146.0	7128.6	7111.2	7256.9	7402.6	7478.3	7402.6	7256.9
40°	9836.3	9008.7	8576.4	8144.0	8449.2	8754.3	9108.5	9462.7	9639.2	9462.7	9108.5
42.5°	10947.7	10126.6	9877.5	9628.5	10294.1	10959.7	11604.0	12248.2	12626.5	12248.2	11604.0
45°	12395.7	11657.9	11548.1	11438.0	12504.4	13571.0	14629.6	15688.4	16331.1	15688.4	14629.6
47.5°	14122.2	13404.4	13382.1	13359.9	14898.3	16436.3	17986.1	19535.7	20445.7	19535.7	17986.1
50°	16189.9	15303.7	15307.5	15311.3	17293.9	19276.6	21322.3	23367.9	24604.7	23367.9	21322.3
52.5°	18570.4	17497.3	17388.8	17280.1	19648.4	22016.6	24547.7	27078.6	28561.1	27078.6	24547.7
55°	21316.7	20256.3	19833.3	19410.2	22046.0	24681.6	27699.0	30716.4	32479.6	30716.4	27699.0
57.5°	24285.7	23708.1	22859.6	22011.3	24672.7	27334.1	30751.8	34169.3	36355.8	34169.3	30751.8
60°	27262.6	28159.7	27106.0	26052.3	28570.9	31089.5	34748.7	38407.9	40771.0	38407.9	34748.7
62.5°	28053.4	30504.1	30385.4	30266.4	32573.6	34881.0	38362.5	41843.7	44027.9	41843.7	38362.5
65°	26375.8	28675.8	29130.9	29585.8	32517.9	35450.2	38826.0	42201.6	44061.3	42201.6	38826.0
67.5°	24217.1	26404.7	26618.1	26831.3	29886.4	32941.2	36331.5	39721.8	41178.7	39721.8	36331.5
70°	21950.7	24330.3	24425.6	24521.2	27253.2	29985.0	32902.6	35820.0	36629.8	35820.0	32902.6
72.5°	19372.4	22103.1	22171.7	22240.1	24377.5	26515.0	28700.1	30885.0	30967.0	30885.0	28700.1
75°	15762.2	18588.2	18842.0	19095.7	20758.7	22421.6	23959.8	25498.0	25085.9	25498.0	23959.8
77.5°	11880.7	14518.9	14882.0	15245.1	16509.3	17773.6	18864.5	19955.6	19247.2	19955.6	18864.5
80°	8268.7	10487.9	10939.3	11390.6	12345.4	13299.7	13872.7	14445.4	13305.9	14445.4	13872.7
82.5°	5033.7	6551.2	7055.3	7559.6	8216.8	8874.0	9113.0	9351.8	8456.3	9351.8	9113.0
85°	2352.4	3157.7	3586.6	4015.4	4555.4	5095.2	5230.8	5366.5	4649.2	5366.5	5230.8
87.5°	749.6	1020.3	1259.5	1498.8	1768.8	2038.8	2050.4	2061.7	1730.9	2061.7	2050.4
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: P956623

CATALOG NUMBER: GALN-SB9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3	5805.3
2.5°	6397.9	6377.9	6357.8	6324.2	6290.5	6266.7	6243.1
5°	7131.9	7087.4	7042.8	6960.6	6878.6	6795.8	6713.1
7.5°	7841.9	7769.0	7696.2	7575.2	7454.3	7319.9	7185.4
10°	8320.8	8235.3	8149.3	8007.4	7865.5	7706.4	7547.4
12.5°	8494.6	8432.2	8369.8	8242.0	8113.7	7941.5	7769.0
15°	8366.7	8364.5	8362.3	8281.6	8201.2	8052.6	7903.8
17.5°	8002.9	8093.2	8183.4	8182.1	8180.5	8080.0	7979.6
20°	7523.3	7722.5	7921.6	8027.5	8133.3	8098.1	8063.1
22.5°	7043.9	7336.9	7629.8	7849.0	8068.2	8114.1	8160.0
25°	6618.0	6973.8	7329.5	7662.3	7995.1	8139.9	8284.7
27.5°	6266.0	6660.3	7054.6	7495.3	7936.1	8195.2	8454.1
30°	6003.6	6414.4	6825.2	7367.8	7910.5	8296.3	8682.4
32.5°	5894.9	6280.9	6667.0	7281.0	7894.9	8423.3	8951.9
35°	6170.2	6438.2	6706.4	7346.0	7985.8	8632.5	9279.4
37.5°	7111.2	7128.6	7146.0	7727.4	8308.8	9069.8	9830.8
40°	8754.3	8449.2	8144.0	8576.4	9008.7	9836.3	10663.9
42.5°	10959.7	10294.1	9628.5	9877.5	10126.6	10947.7	11768.8
45°	13571.0	12504.4	11438.0	11548.1	11657.9	12395.7	13133.3
47.5°	16436.3	14898.3	13359.9	13382.1	13404.4	14122.2	14839.7
50°	19276.6	17293.9	15311.3	15307.5	15303.7	16189.9	17076.3
52.5°	22016.6	19648.4	17280.1	17388.8	17497.3	18570.4	19643.7
55°	24681.6	22046.0	19410.2	19833.3	20256.3	21316.7	22377.1
57.5°	27334.1	24672.7	22011.3	22859.6	23708.1	24285.7	24863.2
60°	31089.5	28570.9	26052.3	27106.0	28159.7	27262.6	26365.7
62.5°	34881.0	32573.6	30266.4	30385.4	30504.1	28053.4	25602.7
65°	35450.2	32517.9	29585.8	29130.9	28675.8	26375.8	24075.7
67.5°	32941.2	29886.4	26831.3	26618.1	26404.7	24217.1	22029.5
70°	29985.0	27253.2	24521.2	24425.6	24330.3	21950.7	19571.3
72.5°	26515.0	24377.5	22240.1	22171.7	22103.1	19372.4	16641.9
75°	22421.6	20758.7	19095.7	18842.0	18588.2	15762.2	12936.1
77.5°	17773.6	16509.3	15245.1	14882.0	14518.9	11880.7	9242.7
80°	13299.7	12345.4	11390.6	10939.3	10487.9	8268.7	6049.3
82.5°	8874.0	8216.8	7559.6	7055.3	6551.2	5033.7	3516.4
85°	5095.2	4555.4	4015.4	3586.6	3157.7	2352.4	1547.1
87.5°	2038.8	1768.8	1498.8	1259.5	1020.3	749.6	479.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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