

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: P957337

Luminaire Tested: **GALN-SB9D-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P957337
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-SB9D-722-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 76293 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B5 - U0 - G5

Input Watts (W): 658
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

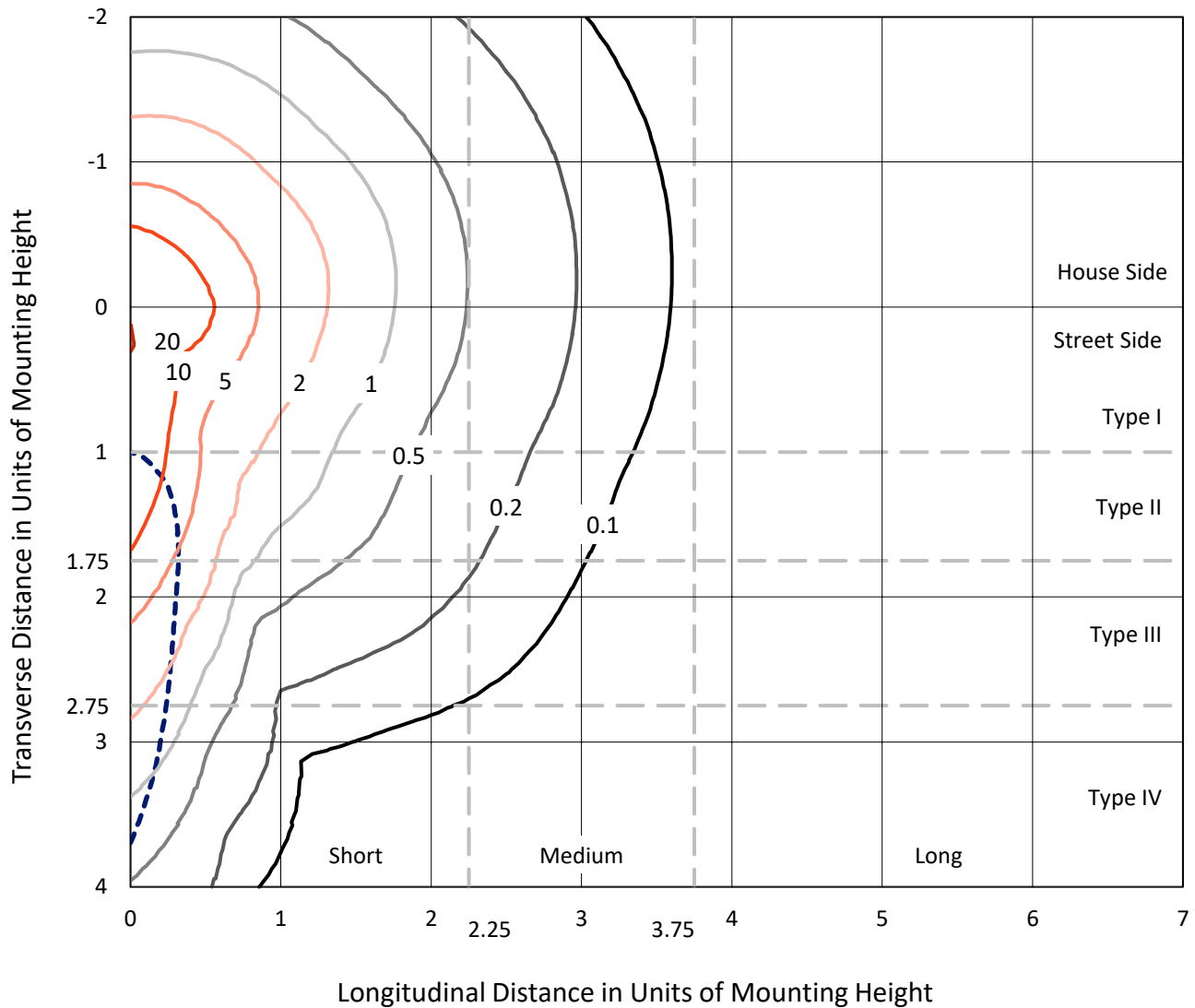


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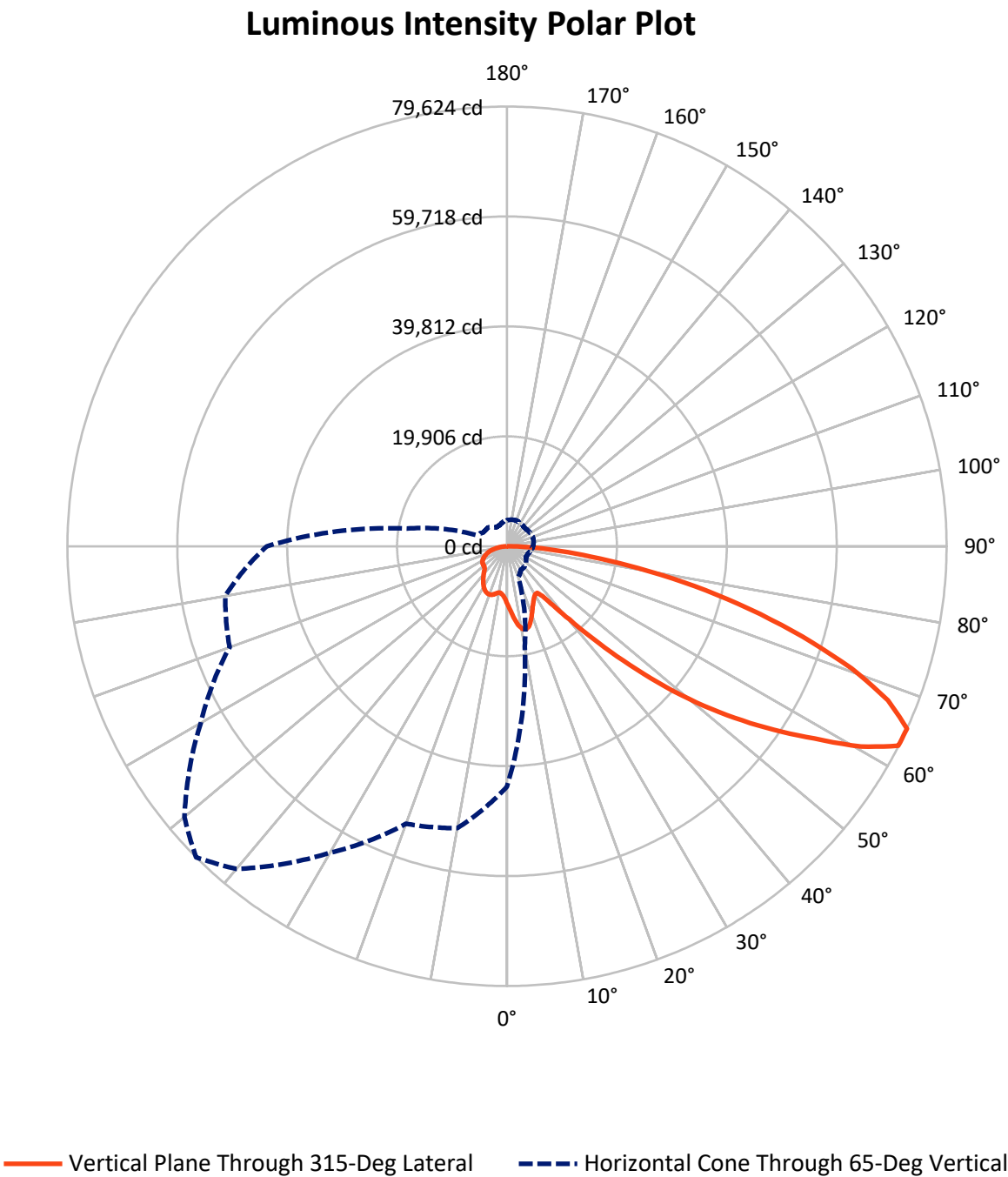
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.7 fc
Type IV - Short - N/A

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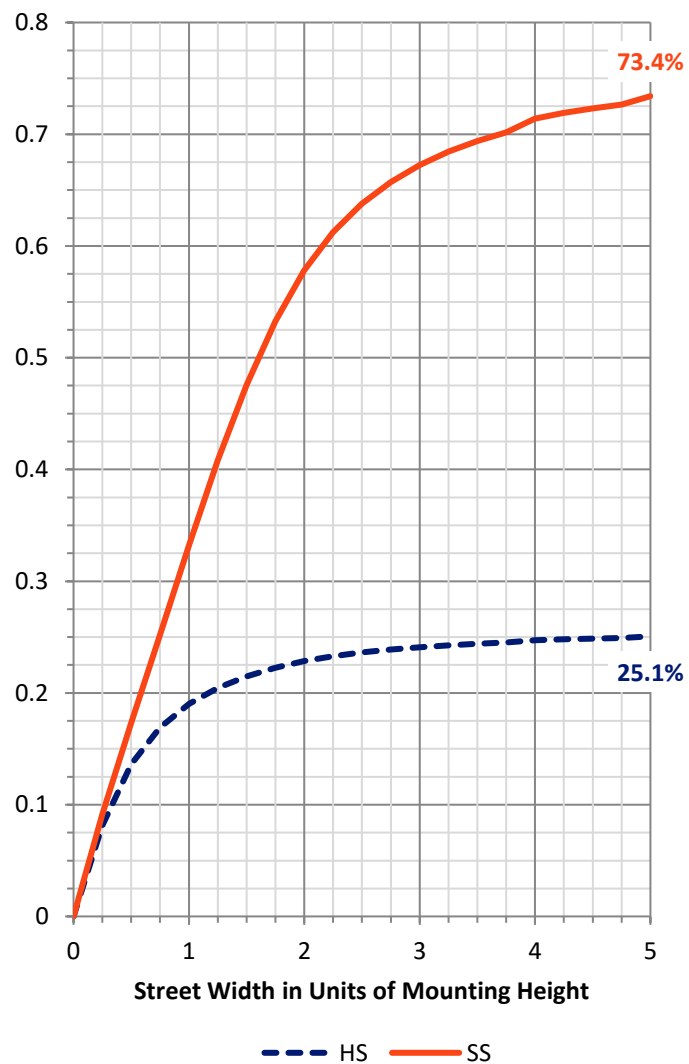
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19389.8	0.0	19389.8
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	56903.2	0.0	56903.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	76293.0	0.0	76293.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1040.7	1.4
10°-20°	3267.0	4.3
20°-30°	5046.3	6.6
30°-40°	6394.9	8.4
40°-50°	9645.2	12.6
50°-60°	15583.2	20.4
60°-70°	19427.0	25.5
70°-80°	12739.3	16.7
80°-90°	3149.5	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°	76293.0	100.0
0°-180°	76293.0	100.0

Coefficient of Utilization



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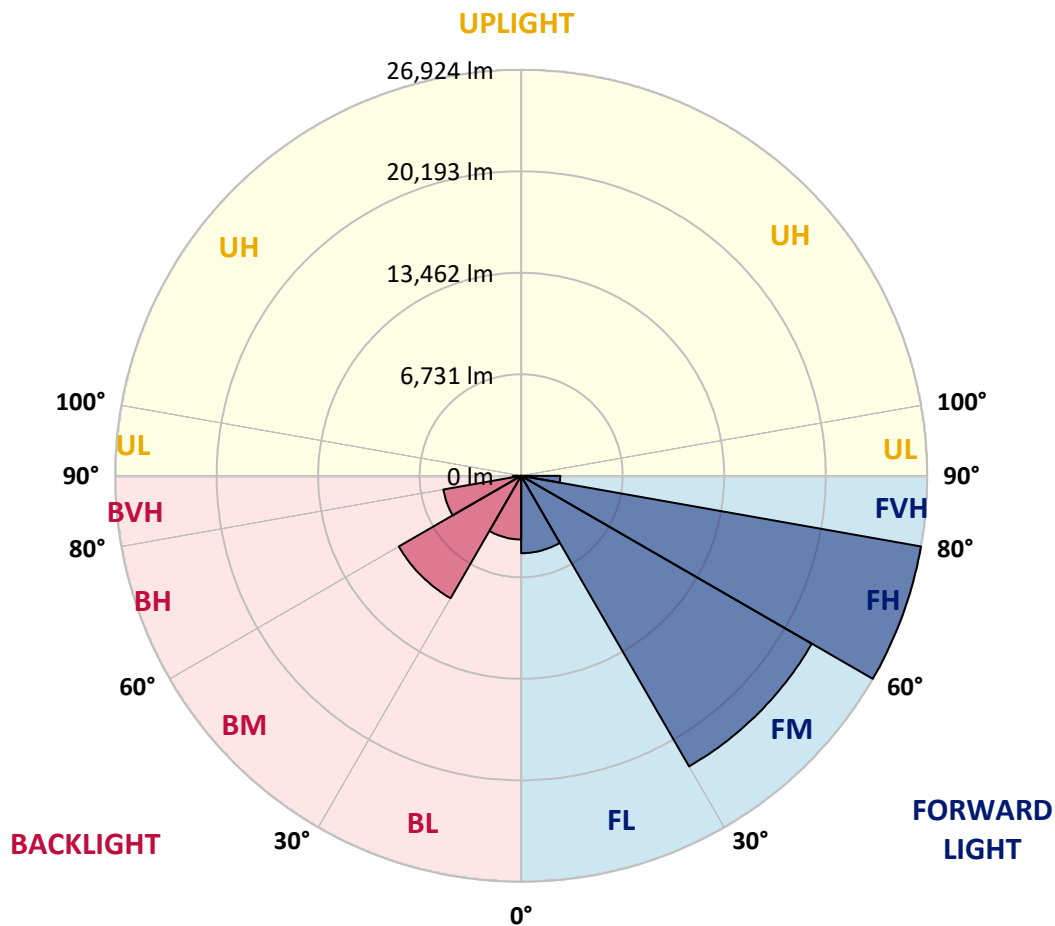
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5131.6	6.7			
FM	(30°-60°)	22253.0	29.2			
FH	(60°-80°)	26924.1	35.3			G5
FVH	(80°-90°)	2594.5	3.4			G5
BL	(0°-30°)	4222.4	5.5	B4/5000		
BM	(30°-60°)	9370.4	12.3	B5		
BH	(60°-80°)	5242.1	6.9	B5		G5
BVH	(80°-90°)	555.0	0.7			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	11282.0	11195.4	11108.9	11016.7	10924.9	10832.3	10739.7	10651.2	10562.6	10476.9	10381.4
5°	12131.4	11940.2	11749.0	11558.2	11367.7	11175.7	10984.1	10804.9	10625.8	10456.7	10289.7
7.5°	12984.9	12669.2	12354.0	12062.6	11771.1	11487.3	11203.5	10953.5	10703.5	10472.8	10256.6
10°	13639.0	13240.1	12841.1	12455.9	12071.0	11726.4	11381.4	11085.9	10789.7	10505.0	10272.8
12.5°	14039.6	13601.2	13163.2	12726.8	12290.4	11883.8	11477.2	11142.7	10808.2	10509.1	10292.9
15°	14283.1	13826.2	13369.3	12895.9	12422.5	11954.3	11486.1	11098.8	10711.6	10380.2	10207.1
17.5°	14420.0	13956.7	13493.3	12976.8	12460.3	11916.8	11373.4	10907.6	10441.8	10052.1	9945.5
20°	14571.0	14089.5	13607.6	13040.0	12472.4	11813.8	11155.2	10577.9	10000.6	9546.9	9518.7
22.5°	14746.1	14254.2	13761.8	13125.4	12488.5	11687.4	10886.3	10191.0	9495.8	8979.3	9034.5
25°	14971.5	14489.3	14007.4	13279.9	12552.1	11562.6	10573.5	9759.1	8945.1	8415.7	8564.7
27.5°	15277.5	14817.8	14357.6	13521.5	12684.9	11479.3	10273.6	9364.2	8454.8	7972.9	8154.0
30°	15690.1	15245.7	14801.7	13834.3	12866.9	11440.2	10012.7	9034.0	8055.4	7650.8	7792.9
32.5°	16177.2	15737.2	15297.6	14160.8	13023.9	11391.9	9759.1	8749.4	7739.4	7413.3	7476.5
35°	16769.0	16347.9	15926.4	14532.7	13139.0	11300.9	9463.6	8469.6	7475.7	7204.0	7177.8
37.5°	17765.4	17228.3	16691.3	14949.4	13207.5	11145.1	9082.8	8140.3	7197.9	6960.4	6864.6
40°	19271.0	18488.4	17705.8	15478.4	13250.6	10930.5	8610.9	7747.4	6883.9	6668.6	6521.6
42.5°	21267.7	20138.1	19008.5	16170.4	13332.3	10709.1	8086.8	7313.9	6540.9	6342.5	6157.3
45°	23733.4	22209.7	20686.0	17081.0	13476.0	10503.4	7531.3	6853.3	6175.4	5974.1	5795.0
47.5°	26817.1	24672.6	22527.8	18051.2	13574.6	10333.5	7092.5	6489.0	5885.6	5625.9	5471.7
50°	30858.9	27625.9	24392.5	18951.3	13510.2	10148.4	6786.5	6247.1	5707.6	5366.2	5187.1
52.5°	35498.5	30728.1	25957.6	19535.9	13113.7	9835.6	6557.8	6087.6	5617.8	5225.3	4974.9
55°	40438.0	33478.4	26519.2	19407.0	12294.5	9317.1	6339.7	5972.1	5604.6	5239.4	4862.2
57.5°	44930.7	35427.7	25924.6	18500.5	11076.7	8586.0	6094.9	5835.2	5575.6	5253.5	4794.6
60°	47646.0	35914.8	24183.1	16813.3	9443.5	7636.7	5830.0	5625.9	5421.8	5209.2	4731.0
62.5°	46267.2	33863.7	21460.1	14531.9	7603.7	6500.7	5397.6	5262.0	5126.7	5100.5	4656.9
65°	43507.6	30961.6	18415.5	12204.3	5993.4	5478.6	4963.7	4899.7	4835.7	4838.9	4500.7
67.5°	39810.0	27507.9	15205.8	9924.1	4642.4	4496.3	4349.8	4385.6	4421.0	4412.2	4222.1
70°	35367.7	23739.5	12111.3	7813.9	3516.4	3558.3	3599.8	3765.6	3931.1	3931.1	3868.7
72.5°	30073.9	19654.2	9234.9	5973.7	2712.5	2838.5	2964.9	3200.0	3434.7	3474.2	3475.0
75°	23377.2	14971.1	6565.1	4335.7	2106.2	2220.6	2334.9	2598.2	2861.5	3043.4	3028.1
77.5°	16702.6	10478.5	4254.3	2937.9	1621.5	1699.2	1777.3	2033.0	2288.6	2588.5	2580.5
80°	10931.8	6751.1	2570.4	1892.9	1215.8	1248.0	1280.2	1496.8	1712.9	2071.2	2070.0
82.5°	6354.5	3907.3	1460.5	1164.2	868.7	874.4	880.8	1040.2	1199.7	1505.6	1522.5
85°	2795.8	1757.6	719.8	622.4	525.4	522.5	519.3	636.1	752.8	980.3	1002.4
87.5°	865.5	575.7	285.8	258.0	230.3	227.5	224.6	272.1	320.0	414.6	442.8
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°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	10304.2	10227.3	10157.6	10088.4	10027.6	9966.8	9905.6	9844.8	9797.7	9750.2	9712.0
5°	10143.9	9997.8	9875.4	9753.4	9645.5	9537.7	9439.8	9341.6	9266.3	9190.6	9137.9
7.5°	10062.6	9869.0	9707.9	9546.9	9411.3	9275.2	9155.2	9035.7	8945.9	8856.5	8793.7
10°	10068.2	9863.7	9702.7	9541.7	9395.6	9249.0	9114.2	8979.3	8872.2	8764.7	8694.7
12.5°	10125.4	9958.7	9851.7	9745.4	9630.3	9515.9	9376.2	9236.9	9100.1	8963.2	8872.6
15°	10127.0	10047.3	10061.8	10076.3	10046.5	10016.7	9895.5	9774.4	9579.5	9384.7	9247.0
17.5°	9974.9	10003.8	10179.4	10354.9	10448.3	10541.3	10443.4	10346.0	10088.0	9829.9	9627.0
20°	9655.6	9792.5	10097.2	10402.4	10597.6	10792.9	10747.8	10702.3	10407.2	10112.5	9863.7
22.5°	9236.9	9439.4	9787.3	10135.9	10389.9	10643.9	10671.3	10698.3	10416.5	10134.7	9878.6
25°	8798.1	9031.6	9344.4	9657.6	9907.6	10157.6	10251.0	10344.0	10112.9	9882.3	9654.4
27.5°	8379.5	8604.9	8862.2	9119.0	9319.5	9519.9	9623.8	9728.1	9563.4	9399.2	9222.5
30°	7971.7	8151.2	8364.6	8577.9	8744.2	8910.9	8995.4	9079.9	8954.7	8829.1	8702.7
32.5°	7582.4	7688.3	7858.5	8029.2	8188.7	8348.5	8442.3	8536.5	8421.3	8305.8	8204.8
35°	7206.8	7236.2	7366.2	7495.8	7653.6	7811.8	7924.6	8037.3	7955.2	7873.4	7780.0
37.5°	6832.4	6800.2	6893.6	6986.6	7144.0	7301.8	7441.1	7580.4	7542.5	7504.7	7418.9
40°	6448.8	6375.9	6443.1	6510.3	6662.5	6814.7	6974.9	7135.5	7144.8	7153.6	7080.8
42.5°	6060.7	5964.1	6018.8	6074.0	6218.1	6362.6	6535.7	6708.8	6755.1	6801.4	6739.8
45°	5700.8	5607.0	5652.9	5699.6	5836.4	5973.3	6152.9	6332.4	6398.8	6465.3	6409.7
47.5°	5392.8	5313.9	5357.4	5400.5	5534.5	5668.2	5845.3	6022.4	6098.9	6175.4	6136.8
50°	5117.1	5047.4	5115.0	5183.1	5309.5	5435.5	5594.1	5752.7	5850.9	5949.2	5946.7
52.5°	4905.7	4836.9	4938.7	5040.2	5156.1	5271.6	5419.4	5567.5	5683.9	5800.2	5821.1
55°	4752.7	4643.6	4788.2	4932.3	5057.1	5181.9	5311.5	5440.7	5563.9	5687.5	5716.5
57.5°	4635.2	4475.8	4631.2	4786.5	4933.1	5079.6	5207.6	5336.1	5460.4	5584.4	5613.8
60°	4524.5	4317.6	4454.0	4590.1	4758.4	4926.6	5056.7	5187.1	5311.9	5436.7	5468.9
62.5°	4398.5	4140.4	4227.0	4313.5	4509.6	4706.0	4844.9	4983.8	5098.1	5212.5	5243.5
65°	4226.2	3951.2	3984.6	4017.6	4227.8	4438.3	4571.2	4704.0	4804.7	4905.3	4937.1
67.5°	3993.5	3764.8	3754.4	3743.9	3937.9	4132.4	4258.4	4384.0	4470.9	4557.9	4588.9
70°	3706.0	3543.4	3507.2	3470.9	3641.6	3812.3	3921.0	4029.7	4108.2	4186.7	4216.5
72.5°	3363.5	3252.0	3198.8	3146.1	3280.5	3414.6	3512.8	3611.0	3687.9	3764.8	3800.3
75°	2942.4	2856.2	2805.5	2754.4	2854.2	2954.1	3043.0	3132.0	3202.0	3272.1	3309.1
77.5°	2511.6	2442.8	2391.3	2339.7	2421.0	2502.0	2578.5	2654.9	2728.6	2801.9	2836.5
80°	2012.4	1954.5	1911.4	1867.9	1935.6	2002.8	2067.2	2131.6	2187.6	2243.1	2289.0
82.5°	1494.3	1466.2	1435.6	1405.0	1399.3	1393.7	1371.1	1348.6	1467.8	1586.9	1665.0
85°	972.2	942.0	907.8	873.6	844.6	815.2	752.8	690.4	801.9	913.8	1010.4
87.5°	430.7	418.7	412.2	405.8	404.6	403.4	355.9	308.0	354.7	401.8	440.8
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°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	9673.7	9643.9	9614.1	9586.8	9559.0	9524.8	9559.0	9586.8	9614.1	9643.9	9673.7
5°	9085.2	9047.7	9010.3	8981.7	8953.1	8925.0	8953.1	8981.7	9010.3	9047.7	9085.2
7.5°	8730.9	8687.8	8645.2	8619.4	8594.0	8574.7	8594.0	8619.4	8645.2	8687.8	8730.9
10°	8623.8	8583.2	8542.5	8520.8	8499.0	8490.2	8499.0	8520.8	8542.5	8583.2	8623.8
12.5°	8782.0	8736.5	8691.5	8672.9	8654.4	8651.2	8654.4	8672.9	8691.5	8736.5	8782.0
15°	9109.3	9046.1	8983.3	8959.2	8935.0	8933.0	8935.0	8959.2	8983.3	9046.1	9109.3
17.5°	9424.1	9330.7	9236.9	9206.3	9175.3	9170.5	9175.3	9206.3	9236.9	9330.7	9424.1
20°	9615.4	9495.8	9375.8	9337.6	9299.3	9287.3	9299.3	9337.6	9375.8	9495.8	9615.4
22.5°	9622.2	9496.2	9369.8	9327.5	9285.3	9267.1	9285.3	9327.5	9369.8	9496.2	9622.2
25°	9427.4	9317.9	9208.8	9168.9	9129.5	9106.1	9129.5	9168.9	9208.8	9317.9	9427.4
27.5°	9045.7	8972.5	8898.8	8880.7	8862.6	8856.5	8862.6	8880.7	8898.8	8972.5	9045.7
30°	8575.5	8538.1	8500.2	8500.2	8500.2	8506.3	8500.2	8500.2	8500.2	8538.1	8575.5
32.5°	8103.7	8079.2	8054.6	8057.8	8061.4	8067.5	8061.4	8057.8	8054.6	8079.2	8103.7
35°	7687.1	7649.6	7612.6	7604.5	7596.5	7592.4	7596.5	7604.5	7612.6	7649.6	7687.1
37.5°	7332.8	7264.8	7197.1	7161.3	7125.5	7105.3	7125.5	7161.3	7197.1	7264.8	7332.8
40°	7007.9	6908.9	6810.7	6743.8	6677.8	6638.4	6677.8	6743.8	6810.7	6908.9	7007.9
42.5°	6678.6	6555.8	6433.1	6336.0	6239.0	6175.4	6239.0	6336.0	6433.1	6555.8	6678.6
45°	6354.5	6214.1	6074.0	5960.0	5846.1	5772.8	5846.1	5960.0	6074.0	6214.1	6354.5
47.5°	6098.1	5973.3	5848.5	5743.0	5638.0	5567.5	5638.0	5743.0	5848.5	5973.3	6098.1
50°	5945.1	5845.3	5745.5	5648.0	5550.6	5483.0	5550.6	5648.0	5745.5	5845.3	5945.1
52.5°	5842.1	5760.8	5679.4	5592.1	5505.1	5442.7	5505.1	5592.1	5679.4	5760.8	5842.1
55°	5745.5	5674.6	5603.8	5527.3	5450.8	5394.4	5450.8	5527.3	5603.8	5674.6	5745.5
57.5°	5643.2	5571.6	5499.9	5424.2	5348.1	5289.8	5348.1	5424.2	5499.9	5571.6	5643.2
60°	5501.1	5431.1	5361.4	5283.3	5205.2	5144.8	5205.2	5283.3	5361.4	5431.1	5501.1
62.5°	5274.5	5211.3	5148.1	5065.9	4983.8	4911.3	4983.8	5065.9	5148.1	5211.3	5274.5
65°	4968.5	4907.7	4846.9	4767.2	4687.9	4625.5	4687.9	4767.2	4846.9	4907.7	4968.5
67.5°	4619.5	4563.5	4508.0	4433.9	4359.8	4303.5	4359.8	4433.9	4508.0	4563.5	4619.5
70°	4246.3	4200.8	4155.3	4084.5	4013.6	3949.2	4013.6	4084.5	4155.3	4200.8	4246.3
72.5°	3835.7	3797.8	3760.0	3692.4	3625.1	3562.7	3625.1	3692.4	3760.0	3797.8	3835.7
75°	3346.2	3327.6	3309.1	3252.4	3195.6	3136.0	3195.6	3252.4	3309.1	3327.6	3346.2
77.5°	2871.1	2845.4	2818.8	2761.6	2704.5	2657.0	2704.5	2761.6	2818.8	2845.4	2871.1
80°	2334.9	2323.6	2312.8	2235.9	2158.6	2069.2	2158.6	2235.9	2312.8	2323.6	2334.9
82.5°	1743.1	1738.3	1733.1	1668.2	1603.0	1545.9	1603.0	1668.2	1733.1	1738.3	1743.1
85°	1107.1	1099.0	1091.0	1040.2	989.5	938.0	989.5	1040.2	1091.0	1099.0	1107.1
87.5°	479.9	470.2	459.7	434.0	407.4	382.4	407.4	434.0	459.7	470.2	479.9
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: P957337

CATALOG NUMBER: GALN-SB9D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	9712.0	9750.2	9797.7	9844.8	9905.6	9966.8	10027.6	10088.4	10157.6	10227.3	10304.2
5°	9137.9	9190.6	9266.3	9341.6	9439.8	9537.7	9645.5	9753.4	9875.4	9997.8	10143.9
7.5°	8793.7	8856.5	8945.9	9035.7	9155.2	9275.2	9411.3	9546.9	9707.9	9869.0	10062.6
10°	8694.7	8764.7	8872.2	8979.3	9114.2	9249.0	9395.6	9541.7	9702.7	9863.7	10068.2
12.5°	8872.6	8963.2	9100.1	9236.9	9376.2	9515.9	9630.3	9745.4	9851.7	9958.7	10125.4
15°	9247.0	9384.7	9579.5	9774.4	9895.5	10016.7	10046.5	10076.3	10061.8	10047.3	10127.0
17.5°	9627.0	9829.9	10088.0	10346.0	10443.4	10541.3	10448.3	10354.9	10179.4	10003.8	9974.9
20°	9863.7	10112.5	10407.2	10702.3	10747.8	10792.9	10597.6	10402.4	10097.2	9792.5	9655.6
22.5°	9878.6	10134.7	10416.5	10698.3	10671.3	10643.9	10389.9	10135.9	9787.3	9439.4	9236.9
25°	9654.4	9882.3	10112.9	10344.0	10251.0	10157.6	9907.6	9657.6	9344.4	9031.6	8798.1
27.5°	9222.5	9399.2	9563.4	9728.1	9623.8	9519.9	9319.5	9119.0	8862.2	8604.9	8379.5
30°	8702.7	8829.1	8954.7	9079.9	8995.4	8910.9	8744.2	8577.9	8364.6	8151.2	7971.7
32.5°	8204.8	8305.8	8421.3	8536.5	8442.3	8348.5	8188.7	8029.2	7858.5	7688.3	7582.4
35°	7780.0	7873.4	7955.2	8037.3	7924.6	7811.8	7653.6	7495.8	7366.2	7236.2	7206.8
37.5°	7418.9	7504.7	7542.5	7580.4	7441.1	7301.8	7144.0	6986.6	6893.6	6800.2	6832.4
40°	7080.8	7153.6	7144.8	7135.5	6974.9	6814.7	6662.5	6510.3	6443.1	6375.9	6448.8
42.5°	6739.8	6801.4	6755.1	6708.8	6535.7	6362.6	6218.1	6074.0	6018.8	5964.1	6060.7
45°	6409.7	6465.3	6398.8	6332.4	6152.9	5973.3	5836.4	5699.6	5652.9	5607.0	5700.8
47.5°	6136.8	6175.4	6098.9	6022.4	5845.3	5668.2	5534.5	5400.5	5357.4	5313.9	5392.8
50°	5946.7	5949.2	5850.9	5752.7	5594.1	5435.5	5309.5	5183.1	5115.0	5047.4	5117.1
52.5°	5821.1	5800.2	5683.9	5567.5	5419.4	5271.6	5156.1	5040.2	4938.7	4836.9	4905.7
55°	5716.5	5687.5	5563.9	5440.7	5311.5	5181.9	5057.1	4932.3	4788.2	4643.6	4752.7
57.5°	5613.8	5584.4	5460.4	5336.1	5207.6	5079.6	4933.1	4786.5	4631.2	4475.8	4635.2
60°	5468.9	5436.7	5311.9	5187.1	5056.7	4926.6	4758.4	4590.1	4454.0	4317.6	4524.5
62.5°	5243.5	5212.5	5098.1	4983.8	4844.9	4706.0	4509.6	4313.5	4227.0	4140.4	4398.5
65°	4937.1	4905.3	4804.7	4704.0	4571.2	4438.3	4227.8	4017.6	3984.6	3951.2	4226.2
67.5°	4588.9	4557.9	4470.9	4384.0	4258.4	4132.4	3937.9	3743.9	3754.4	3764.8	3993.5
70°	4216.5	4186.7	4108.2	4029.7	3921.0	3812.3	3641.6	3470.9	3507.2	3543.4	3706.0
72.5°	3800.3	3764.8	3687.9	3611.0	3512.8	3414.6	3280.5	3146.1	3198.8	3252.0	3363.5
75°	3309.1	3272.1	3202.0	3132.0	3043.0	2954.1	2854.2	2754.4	2805.5	2856.2	2942.4
77.5°	2836.5	2801.9	2728.6	2654.9	2578.5	2502.0	2421.0	2339.7	2391.3	2442.8	2511.6
80°	2289.0	2243.1	2187.6	2131.6	2067.2	2002.8	1935.6	1867.9	1911.4	1954.5	2012.4
82.5°	1665.0	1586.9	1467.8	1348.6	1371.1	1393.7	1399.3	1405.0	1435.6	1466.2	1494.3
85°	1010.4	913.8	801.9	690.4	752.8	815.2	844.6	873.6	907.8	942.0	972.2
87.5°	440.8	401.8	354.7	308.0	355.9	403.4	404.6	405.8	412.2	418.7	430.7
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: P957337

CATALOG NUMBER: GALN-SB9D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	10381.4	10476.9	10562.6	10651.2	10739.7	10832.3	10924.9	11016.7	11108.9	11195.4	11282.0
5°	10289.7	10456.7	10625.8	10804.9	10984.1	11175.7	11367.7	11558.2	11749.0	11940.2	12131.4
7.5°	10256.6	10472.8	10703.5	10953.5	11203.5	11487.3	11771.1	12062.6	12354.0	12669.2	12984.9
10°	10272.8	10505.0	10789.7	11085.9	11381.4	11726.4	12071.0	12455.9	12841.1	13240.1	13639.0
12.5°	10292.9	10509.1	10808.2	11142.7	11477.2	11883.8	12290.4	12726.8	13163.2	13601.2	14039.6
15°	10207.1	10380.2	10711.6	11098.8	11486.1	11954.3	12422.5	12895.9	13369.3	13826.2	14283.1
17.5°	9945.5	10052.1	10441.8	10907.6	11373.4	11916.8	12460.3	12976.8	13493.3	13956.7	14420.0
20°	9518.7	9546.9	10000.6	10577.9	11155.2	11813.8	12472.4	13040.0	13607.6	14089.5	14571.0
22.5°	9034.5	8979.3	9495.8	10191.0	10886.3	11687.4	12488.5	13125.4	13761.8	14254.2	14746.1
25°	8564.7	8415.7	8945.1	9759.1	10573.5	11562.6	12552.1	13279.9	14007.4	14489.3	14971.5
27.5°	8154.0	7972.9	8454.8	9364.2	10273.6	11479.3	12684.9	13521.5	14357.6	14817.8	15277.5
30°	7792.9	7650.8	8055.4	9034.0	10012.7	11440.2	12866.9	13834.3	14801.7	15245.7	15690.1
32.5°	7476.5	7413.3	7739.4	8749.4	9759.1	11391.9	13023.9	14160.8	15297.6	15737.2	16177.2
35°	7177.8	7204.0	7475.7	8469.6	9463.6	11300.9	13139.0	14532.7	15926.4	16347.9	16769.0
37.5°	6864.6	6960.4	7197.9	8140.3	9082.8	11145.1	13207.5	14949.4	16691.3	17228.3	17765.4
40°	6521.6	6668.6	6883.9	7747.4	8610.9	10930.5	13250.6	15478.4	17705.8	18488.4	19271.0
42.5°	6157.3	6342.5	6540.9	7313.9	8086.8	10709.1	13332.3	16170.4	19008.5	20138.1	21267.7
45°	5795.0	5974.1	6175.4	6853.3	7531.3	10503.4	13476.0	17081.0	20686.0	22209.7	23733.4
47.5°	5471.7	5625.9	5885.6	6489.0	7092.5	10333.5	13574.6	18051.2	22527.8	24672.6	26817.1
50°	5187.1	5366.2	5707.6	6247.1	6786.5	10148.4	13510.2	18951.3	24392.5	27625.9	30858.9
52.5°	4974.9	5225.3	5617.8	6087.6	6557.8	9835.6	13113.7	19535.9	25957.6	30728.1	35498.5
55°	4862.2	5239.4	5604.6	5972.1	6339.7	9317.1	12294.5	19407.0	26519.2	33478.4	40438.0
57.5°	4794.6	5253.5	5575.6	5835.2	6094.9	8586.0	11076.7	18500.5	25924.6	35427.7	44930.7
60°	4731.0	5209.2	5421.8	5625.9	5830.0	7636.7	9443.5	16813.3	24183.1	35914.8	47646.0
62.5°	4656.9	5100.5	5126.7	5262.0	5397.6	6500.7	7603.7	14531.9	21460.1	33863.7	46267.2
65°	4500.7	4838.9	4835.7	4899.7	4963.7	5478.6	5993.4	12204.3	18415.5	30961.6	43507.6
67.5°	4222.1	4412.2	4421.0	4385.6	4349.8	4496.3	4642.4	9924.1	15205.8	27507.9	39810.0
70°	3868.7	3931.1	3931.1	3765.6	3599.8	3558.3	3516.4	7813.9	12111.3	23739.5	35367.7
72.5°	3475.0	3474.2	3434.7	3200.0	2964.9	2838.5	2712.5	5973.7	9234.9	19654.2	30073.9
75°	3028.1	3043.4	2861.5	2598.2	2334.9	2220.6	2106.2	4335.7	6565.1	14971.1	23377.2
77.5°	2580.5	2588.5	2288.6	2033.0	1777.3	1699.2	1621.5	2937.9	4254.3	10478.5	16702.6
80°	2070.0	2071.2	1712.9	1496.8	1280.2	1248.0	1215.8	1892.9	2570.4	6751.1	10931.8
82.5°	1522.5	1505.6	1199.7	1040.2	880.8	874.4	868.7	1164.2	1460.5	3907.3	6354.5
85°	1002.4	980.3	752.8	636.1	519.3	522.5	525.4	622.4	719.8	1757.6	2795.8
87.5°	442.8	414.6	320.0	272.1	224.6	227.5	230.3	258.0	285.8	575.7	865.5
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: P957337

CATALOG NUMBER: GALN-SB9D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	11324.7	11367.7	11428.5	11489.3	11525.5	11561.8	11579.9	11598.0	11590.0	11598.0	11579.9
5°	12280.8	12430.5	12578.7	12727.2	12807.7	12888.2	12937.0	12986.1	13023.1	12986.1	12937.0
7.5°	13228.0	13470.8	13689.4	13907.9	14039.6	14171.2	14242.5	14313.3	14347.6	14313.3	14242.5
10°	13926.5	14213.9	14470.3	14726.8	14882.2	15036.8	15106.0	15174.8	15201.0	15174.8	15106.0
12.5°	14351.2	14662.4	14894.2	15125.3	15238.0	15350.8	15388.6	15426.4	15430.5	15426.4	15388.6
15°	14552.1	14820.6	14965.9	15111.6	15115.7	15119.7	15079.4	15039.2	14991.7	15039.2	15079.4
17.5°	14601.6	14783.1	14786.0	14788.4	14625.3	14462.3	14312.9	14163.2	14057.7	14163.2	14312.9
20°	14634.2	14697.8	14506.6	14315.3	13955.5	13595.6	13333.5	13071.4	12910.4	13071.4	13333.5
22.5°	14663.2	14580.2	14184.1	13788.0	13258.6	12729.2	12401.5	12073.8	11895.9	12073.8	12401.5
25°	14709.9	14448.2	13846.8	13245.3	12602.4	11959.5	11614.9	11271.1	11102.8	11271.1	11614.9
27.5°	14809.7	14341.5	13544.8	12748.6	12036.0	11323.5	10984.5	10645.9	10486.9	10645.9	10984.5
30°	14992.5	14295.2	13314.6	12333.9	11591.6	10849.2	10534.8	10220.4	10072.3	10220.4	10534.8
32.5°	15221.9	14267.0	13157.6	12048.1	11350.4	10652.8	10406.0	10158.8	10052.1	10158.8	10406.0
35°	15599.9	14431.3	13275.1	12119.3	11634.6	11150.4	11092.8	11035.2	11026.4	11035.2	11092.8
37.5°	16390.2	15015.0	13964.3	12913.6	12882.2	12850.8	13114.1	13377.4	13514.2	13377.4	13114.1
40°	17775.4	16279.9	15498.5	14717.1	15268.6	15820.2	16460.2	17100.3	17419.2	17100.3	16460.2
42.5°	19783.8	18300.0	17849.9	17399.8	18602.7	19805.6	20969.8	22134.0	22817.6	22134.0	20969.8
45°	22400.5	21067.2	20868.8	20669.9	22597.0	24524.5	26437.5	28350.9	29512.3	28350.9	26437.5
47.5°	25520.5	24223.4	24183.1	24142.9	26923.0	29702.3	32503.0	35303.3	36947.8	35303.3	32503.0
50°	29257.1	27655.7	27662.5	27669.4	31252.2	34835.1	38531.9	42228.7	44463.7	42228.7	38531.9
52.5°	33558.9	31619.8	31423.7	31227.3	35507.0	39786.7	44360.7	48934.3	51613.4	48934.3	44360.7
55°	38521.8	36605.6	35841.1	35076.6	39839.8	44602.6	50055.4	55508.2	58694.5	55508.2	50055.4
57.5°	43887.3	42843.4	41310.0	39777.0	44586.5	49396.0	55572.2	61748.0	65699.2	61748.0	55572.2
60°	49266.8	50887.9	48983.8	47079.6	51631.1	56182.5	62795.1	69407.7	73678.2	69407.7	62795.1
62.5°	50695.9	55124.6	54910.0	54695.0	58864.4	63034.2	69325.6	75616.5	79563.7	75616.5	69325.6
65°	47664.2	51820.7	52643.1	53465.2	58763.8	64062.8	70163.3	76263.5	79624.1	76263.5	70163.3
67.5°	43763.3	47716.5	48102.1	48487.4	54008.2	59528.7	65655.4	71782.1	74414.9	71782.1	65655.4
70°	39667.5	43967.8	44140.1	44312.8	49249.9	54186.6	59459.0	64731.1	66194.4	64731.1	59459.0
72.5°	35008.2	39942.9	40066.9	40190.5	44053.1	47915.8	51864.6	55813.0	55961.1	55813.0	51864.6
75°	28484.2	33591.2	34049.7	34508.2	37513.4	40518.6	43298.3	46078.0	45333.3	46078.0	43298.3
77.5°	21469.8	26237.4	26893.6	27549.8	29834.4	32119.0	34090.3	36062.1	34781.9	36062.1	34090.3
80°	14942.6	18952.9	19768.5	20584.2	22309.6	24034.2	25069.6	26104.6	24045.4	26104.6	25069.6
82.5°	9096.4	11838.7	12749.8	13661.2	14848.8	16036.3	16468.3	16899.8	15281.5	16899.8	16468.3
85°	4251.1	5706.4	6481.4	7256.3	8232.1	9207.6	9452.7	9697.9	8401.6	9697.9	9452.7
87.5°	1354.6	1843.8	2276.1	2708.5	3196.4	3684.3	3705.2	3725.8	3128.0	3725.8	3705.2
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: P957337

CATALOG NUMBER: GALN-SB9D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9	10490.9
2.5°	11561.8	11525.5	11489.3	11428.5	11367.7	11324.7	11282.0
5°	12888.2	12807.7	12727.2	12578.7	12430.5	12280.8	12131.4
7.5°	14171.2	14039.6	13907.9	13689.4	13470.8	13228.0	12984.9
10°	15036.8	14882.2	14726.8	14470.3	14213.9	13926.5	13639.0
12.5°	15350.8	15238.0	15125.3	14894.2	14662.4	14351.2	14039.6
15°	15119.7	15115.7	15111.6	14965.9	14820.6	14552.1	14283.1
17.5°	14462.3	14625.3	14788.4	14786.0	14783.1	14601.6	14420.0
20°	13595.6	13955.5	14315.3	14506.6	14697.8	14634.2	14571.0
22.5°	12729.2	13258.6	13788.0	14184.1	14580.2	14663.2	14746.1
25°	11959.5	12602.4	13245.3	13846.8	14448.2	14709.9	14971.5
27.5°	11323.5	12036.0	12748.6	13544.8	14341.5	14809.7	15277.5
30°	10849.2	11591.6	12333.9	13314.6	14295.2	14992.5	15690.1
32.5°	10652.8	11350.4	12048.1	13157.6	14267.0	15221.9	16177.2
35°	11150.4	11634.6	12119.3	13275.1	14431.3	15599.9	16769.0
37.5°	12850.8	12882.2	12913.6	13964.3	15015.0	16390.2	17765.4
40°	15820.2	15268.6	14717.1	15498.5	16279.9	17775.4	19271.0
42.5°	19805.6	18602.7	17399.8	17849.9	18300.0	19783.8	21267.7
45°	24524.5	22597.0	20669.9	20868.8	21067.2	22400.5	23733.4
47.5°	29702.3	26923.0	24142.9	24183.1	24223.4	25520.5	26817.1
50°	34835.1	31252.2	27669.4	27662.5	27655.7	29257.1	30858.9
52.5°	39786.7	35507.0	31227.3	31423.7	31619.8	33558.9	35498.5
55°	44602.6	39839.8	35076.6	35841.1	36605.6	38521.8	40438.0
57.5°	49396.0	44586.5	39777.0	41310.0	42843.4	43887.3	44930.7
60°	56182.5	51631.1	47079.6	48983.8	50887.9	49266.8	47646.0
62.5°	63034.2	58864.4	54695.0	54910.0	55124.6	50695.9	46267.2
65°	64062.8	58763.8	53465.2	52643.1	51820.7	47664.2	43507.6
67.5°	59528.7	54008.2	48487.4	48102.1	47716.5	43763.3	39810.0
70°	54186.6	49249.9	44312.8	44140.1	43967.8	39667.5	35367.7
72.5°	47915.8	44053.1	40190.5	40066.9	39942.9	35008.2	30073.9
75°	40518.6	37513.4	34508.2	34049.7	33591.2	28484.2	23377.2
77.5°	32119.0	29834.4	27549.8	26893.6	26237.4	21469.8	16702.6
80°	24034.2	22309.6	20584.2	19768.5	18952.9	14942.6	10931.8
82.5°	16036.3	14848.8	13661.2	12749.8	11838.7	9096.4	6354.5
85°	9207.6	8232.1	7256.3	6481.4	5706.4	4251.1	2795.8
87.5°	3684.3	3196.4	2708.5	2276.1	1843.8	1354.6	865.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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