Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P955340

Luminaire Tested: **GALN-SB8B-827-U-SLL**

Issue Date: 1/21/2025

Report Generated By 670246001

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Test Information

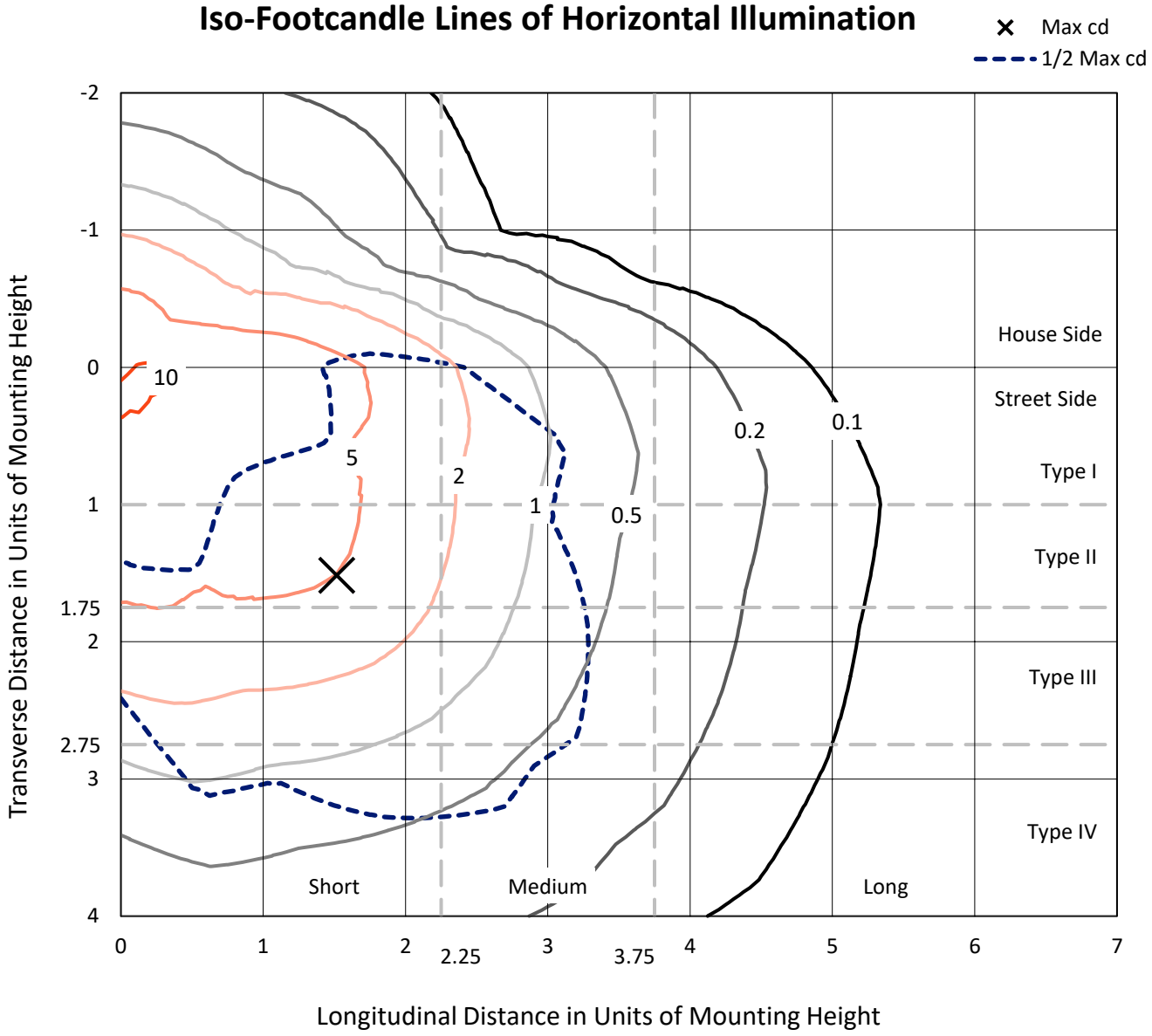
Test Method:	LM-79-08
Report Number:	P955340
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SB8B-827-U-SLL
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(8) 80 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	39453 lumens
Efficiency:	N/A
Efficacy:	134.7 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

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

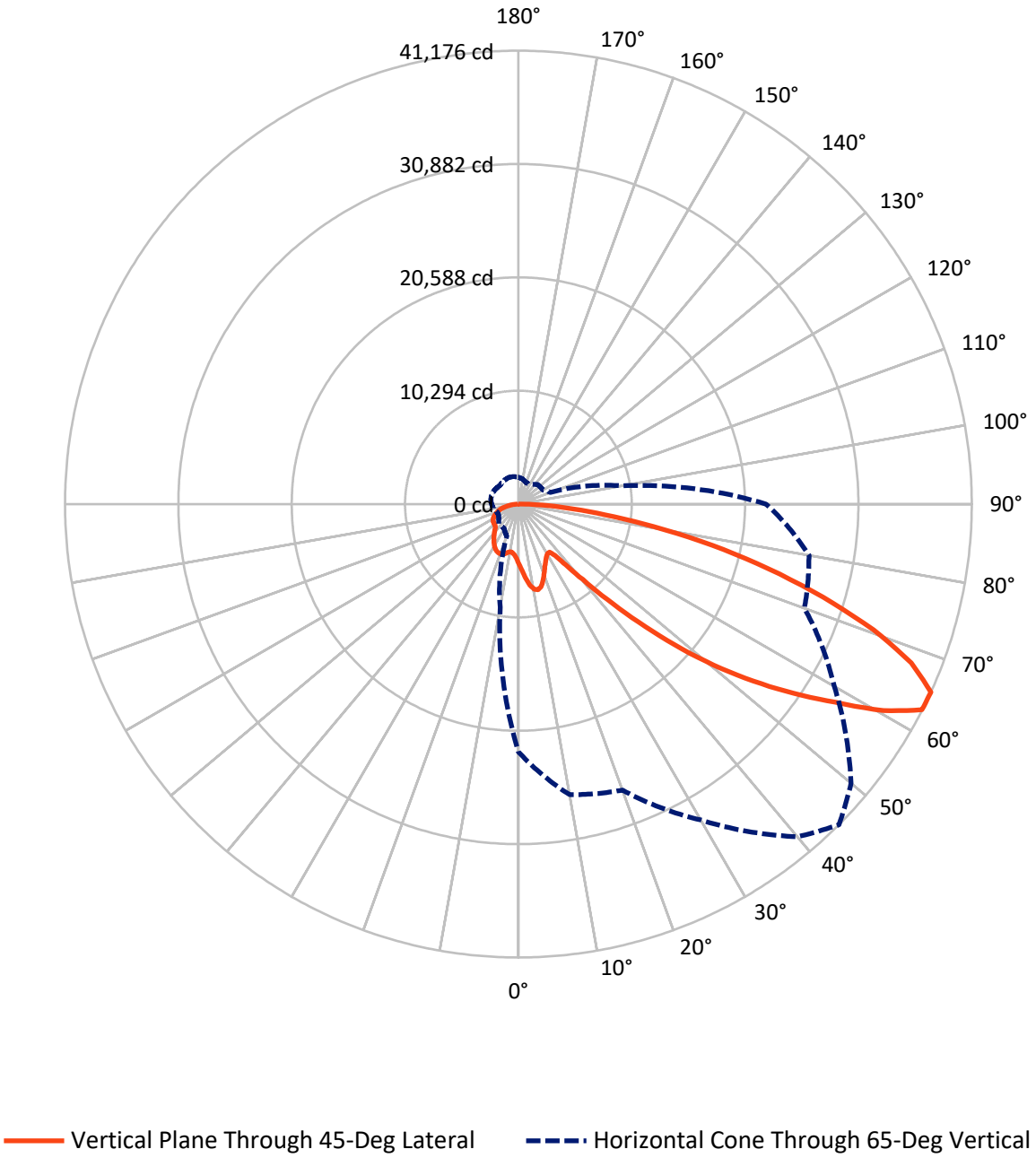
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12 fc
Type IV - Short - N/A

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

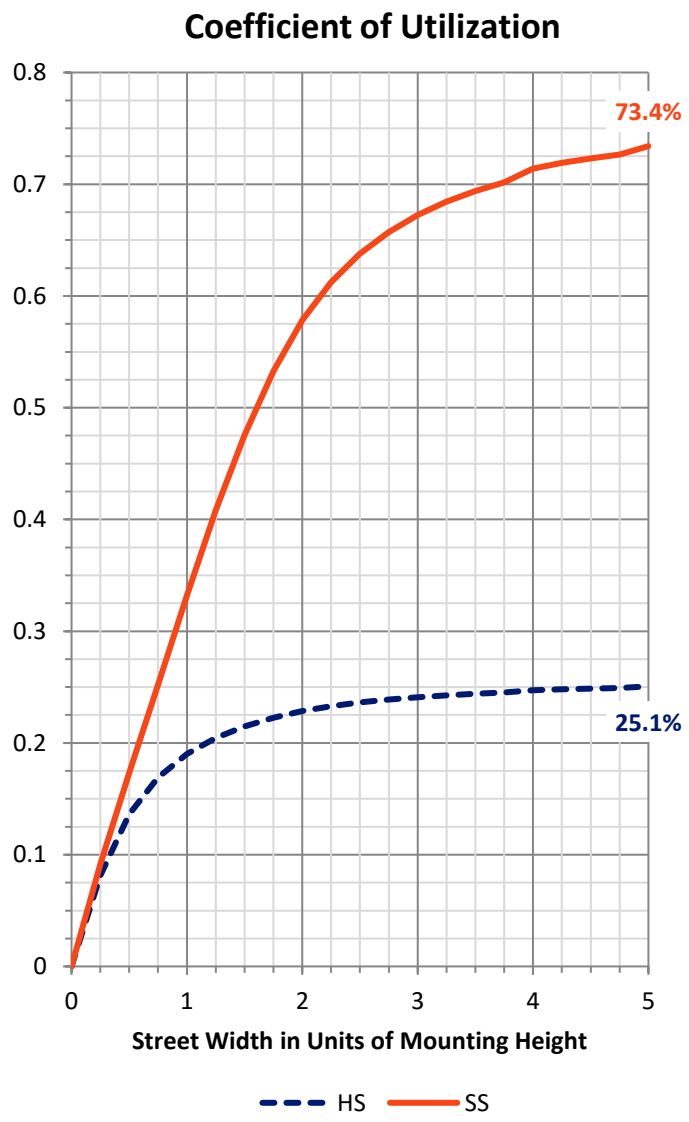
REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10027.0	0.0	10027.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	29426.0	0.0	29426.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	39453.0	0.0	39453.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	538.2	1.4
10°-20°	1689.4	4.3
20°-30°	2609.6	6.6
30°-40°	3307.0	8.4
40°-50°	4987.8	12.6
50°-60°	8058.5	20.4
60°-70°	10046.2	25.5
70°-80°	6587.8	16.7
80°-90°	1628.7	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°	39453.0	100.0
0°-180°	39453.0	100.0

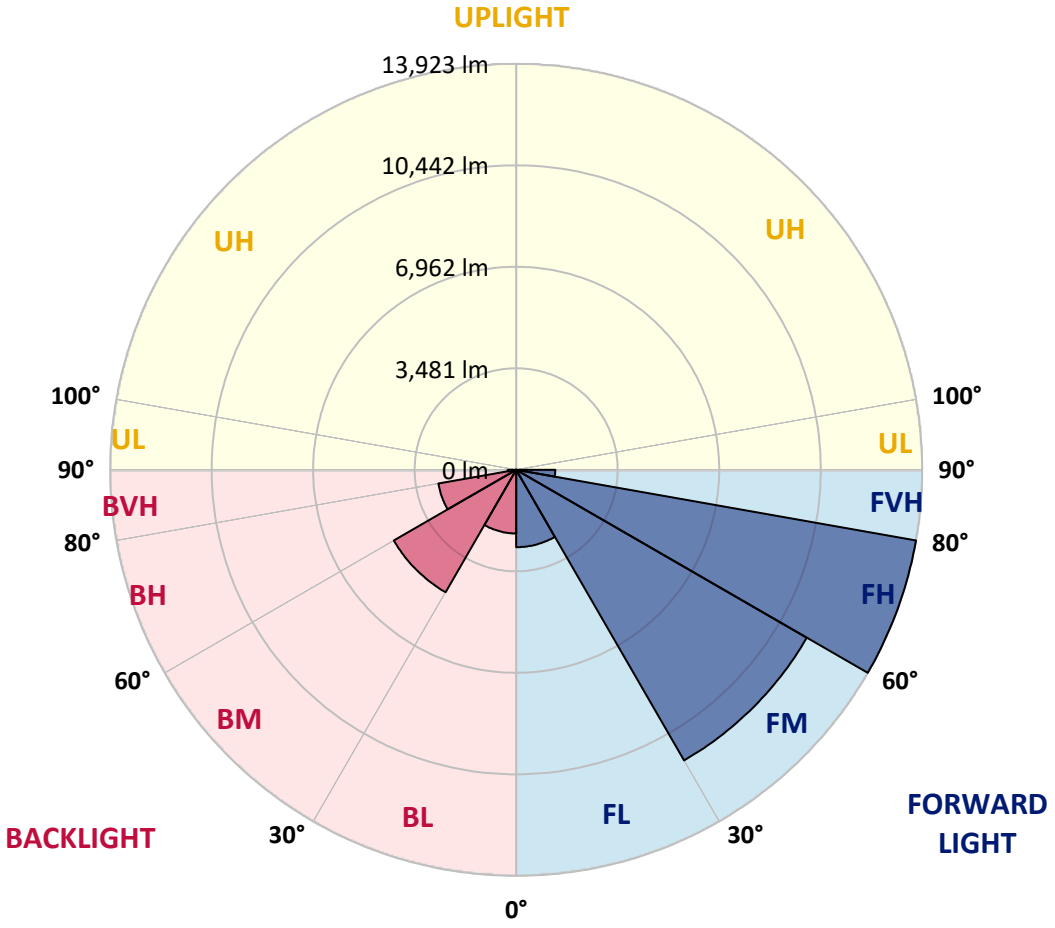


REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2653.7	6.7			
FM	(30°-60°)	11507.6	29.2			
FH	(60°-80°)	13923.1	35.3			G5
FVH	(80°-90°)	1341.7	3.4			G5
BL	(0°-30°)	2183.5	5.5	B3/2500		
BM	(30°-60°)	4845.6	12.3	B3/5000		
BH	(60°-80°)	2710.8	6.9	B4/5000		G4/5000
BVH	(80°-90°)	287.0	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



REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	*5425.1*
2.5°	5834.2	5856.3	5878.5	5910.0	5941.4	5960.1	5978.9	5988.2	5997.6	*5993.5*
5°	6273.5	6350.7	6428.1	6504.7	6581.6	6623.2	6664.8	6690.0	6715.4	*6734.6*
7.5°	6714.8	6840.5	6966.1	7079.1	7192.1	7260.2	7328.3	7365.1	7401.8	*7419.5*
10°	7053.1	7201.7	7350.4	7483.0	7615.6	7695.9	7775.9	7811.7	7847.3	*7860.8*
12.5°	7260.2	7421.3	7582.3	7702.2	7821.7	7880.0	7938.3	7957.8	7977.4	*7979.5*
15°	7386.2	7525.2	7664.1	7739.2	7814.6	7816.7	7818.8	7797.9	7777.1	*7752.6*
17.5°	7456.9	7550.8	7644.7	7646.2	7647.4	7563.1	7478.8	7401.6	7324.1	*7269.6*
20°	7535.0	7567.7	7600.6	7501.7	7402.8	7216.7	7030.6	6895.1	6759.6	*6676.3*
22.5°	7625.6	7582.7	7539.8	7335.0	7130.1	6856.4	6582.6	6413.1	6243.7	*6151.7*
25°	7742.2	7606.8	7471.5	7160.5	6849.5	6517.0	6184.6	6006.4	5828.6	*5741.6*
27.5°	7900.4	7658.5	7416.4	7004.4	6592.6	6224.1	5855.6	5680.4	5505.3	*5423.0*
30°	8113.8	7753.0	7392.4	6885.3	6378.2	5994.3	5610.4	5447.8	5285.2	*5208.6*
32.5°	8365.6	7871.6	7377.8	6804.1	6230.4	5869.6	5508.8	5381.2	5253.4	*5198.2*
35°	8671.7	8067.1	7462.8	6864.9	6267.2	6016.6	5766.1	5736.4	5706.6	*5702.0*
37.5°	9186.9	8475.8	7764.6	7221.3	6677.9	6661.7	6645.5	6781.6	6917.8	*6988.5*
40°	9965.5	9192.1	8418.7	8014.7	7610.6	7895.8	8181.0	8512.0	8843.0	*9007.9*
42.5°	10998.1	10230.7	9463.4	9230.6	8997.9	9619.9	10242.0	10844.0	11446.1	*11799.5*
45°	12273.2	11583.9	10894.4	10791.8	10688.9	11685.5	12682.2	13671.5	14661.0	*15261.6*
47.5°	13867.8	13197.3	12526.5	12505.7	12484.9	13922.6	15359.8	16808.1	18256.2	*19106.6*
50°	15957.9	15129.6	14301.4	14305.0	14308.5	16161.3	18014.1	19925.8	21837.5	*22993.3*
52.5°	18357.2	17354.2	16351.4	16250.0	16148.4	18361.5	20574.7	22940.0	25305.1	*26690.5*
55°	20911.5	19920.6	18929.7	18534.3	18139.0	20602.2	23065.1	25884.9	28704.7	*30352.4*
57.5°	23234.8	22695.2	22155.4	21362.4	20569.7	23056.8	25543.9	28737.8	31931.4	*33974.7*
60°	24638.9	25477.1	26315.4	25330.7	24346.0	26699.7	29053.4	32472.9	35892.4	*38100.8*
62.5°	23925.9	26216.1	28506.3	28395.3	28284.1	30440.3	32596.6	35850.0	39103.2	*41144.4*
65°	*22498.9*	*24648.3*	*26797.8*	*27223.1*	*27648.2*	*30388.2*	*33128.5*	*36283.2*	*39437.7*	*41175.6*
67.5°	20586.8	22631.1	24675.4	24874.8	25074.0	27929.0	30783.7	33952.0	37120.3	*38481.8*
70°	18289.5	20513.1	22736.8	22825.9	22915.2	25468.3	28021.2	30747.7	33474.0	*34230.8*
72.5°	15552.0	18103.6	20655.5	20719.6	20783.5	22781.0	24778.4	26820.4	28862.3	*28938.9*
75°	12088.9	14729.9	17370.8	17607.9	17845.0	19399.1	20953.1	22390.6	23828.1	*23443.0*
77.5°	8637.3	11102.6	13568.0	13907.4	14246.7	15428.1	16609.5	17629.0	18648.6	*17986.6*
80°	5653.1	7727.2	9801.0	10222.8	10644.6	11536.8	12428.7	12964.1	13499.3	*12434.5*
82.5°	3286.1	4704.0	6122.1	6593.2	7064.5	7678.7	8292.8	8516.2	8739.3	*7902.4*
85°	1445.8	2198.4	2950.9	3351.7	3752.4	4257.0	4761.5	4888.2	5015.0	*4344.7*
87.5°	447.6	700.5	953.5	1177.0	1400.6	1652.9	1905.2	1916.1	1926.7	*1617.5*
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
5425.1	0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1
5997.6	2.5°	5988.2	5978.9	5960.1	5941.4	5910.0	5878.5	5856.3	5834.2	5789.4	5744.7
6715.4	5°	6690.0	6664.8	6623.2	6581.6	6504.7	6428.1	6350.7	6273.5	6174.6	6075.7
7401.8	7.5°	7365.1	7328.3	7260.2	7192.1	7079.1	6966.1	6840.5	6714.8	6551.6	6388.6
7847.3	10°	7811.7	7775.9	7695.9	7615.6	7483.0	7350.4	7201.7	7053.1	6846.8	6640.5
7977.4	12.5°	7957.8	7938.3	7880.0	7821.7	7702.2	7582.3	7421.3	7260.2	7033.5	6807.0
7777.1	15°	7797.9	7818.8	7816.7	7814.6	7739.2	7664.1	7525.2	7386.2	7149.9	6913.6
7324.1	17.5°	7401.6	7478.8	7563.1	7647.4	7646.2	7644.7	7550.8	7456.9	7217.3	6977.7
6759.6	20°	6895.1	7030.6	7216.7	7402.8	7501.7	7600.6	7567.7	7535.0	7286.0	7036.8
6243.7	22.5°	6413.1	6582.6	6856.4	7130.1	7335.0	7539.8	7582.7	7625.6	7371.2	7116.6
5828.6	25°	6006.4	6184.6	6517.0	6849.5	7160.5	7471.5	7606.8	7742.2	7492.8	7243.6
5505.3	27.5°	5680.4	5855.6	6224.1	6592.6	7004.4	7416.4	7658.5	7900.4	7662.6	7424.7
5285.2	30°	5447.8	5610.4	5994.3	6378.2	6885.3	7392.4	7753.0	8113.8	7883.9	7654.3
5253.4	32.5°	5381.2	5508.8	5869.6	6230.4	6804.1	7377.8	7871.6	8365.6	8138.1	7910.8
5706.6	35°	5736.4	5766.1	6016.6	6267.2	6864.9	7462.8	8067.1	8671.7	8453.9	8236.0
6917.8	37.5°	6781.6	6645.5	6661.7	6677.9	7221.3	7764.6	8475.8	9186.9	8909.2	8631.5
8843.0	40°	8512.0	8181.0	7895.8	7610.6	8014.7	8418.7	9192.1	9965.5	9560.8	9156.1
11446.1	42.5°	10844.0	10242.0	9619.9	8997.9	9230.6	9463.4	10230.7	10998.1	10413.9	9829.8
14661.0	45°	13671.5	12682.2	11685.5	10688.9	10791.8	10894.4	11583.9	12273.2	11485.2	10697.2
18256.2	47.5°	16808.1	15359.8	13922.6	12484.9	12505.7	12526.5	13197.3	13867.8	12758.8	11649.7
21837.5	50°	19925.8	18014.1	16161.3	14308.5	14305.0	14301.4	15129.6	15957.9	14286.0	12613.9
25305.1	52.5°	22940.0	20574.7	18361.5	16148.4	16250.0	16351.4	17354.2	18357.2	15890.3	13423.3
28704.7	55°	25884.9	23065.1	20602.2	18139.0	18534.3	18929.7	19920.6	20911.5	17312.5	13713.7
31931.4	57.5°	28737.8	25543.9	23056.8	20569.7	21362.4	22155.4	22695.2	23234.8	18320.5	13406.3
35892.4	60°	32472.9	29053.4	26699.7	24346.0	25330.7	26315.4	25477.1	24638.9	18572.4	12505.7
39103.2	62.5°	35850.0	32596.6	30440.3	28284.1	28395.3	28506.3	26216.1	23925.9	17511.8	11097.6
39437.7	65°	*36283.2*	*33128.5*	*30388.2*	*27648.2*	*27223.1*	*26797.8*	*24648.3*	*22498.9*	*16011.0*	*9523.1*
37120.3	67.5°	33952.0	30783.7	27929.0	25074.0	24874.8	24675.4	22631.1	20586.8	14225.0	7863.3
33474.0	70°	30747.7	28021.2	25468.3	22915.2	22825.9	22736.8	20513.1	18289.5	12276.3	6263.0
28862.3	72.5°	26820.4	24778.4	22781.0	20783.5	20719.6	20655.5	18103.6	15552.0	10163.7	4775.6
23828.1	75°	22390.6	20953.1	19399.1	17845.0	17607.9	17370.8	14729.9	12088.9	7741.9	3395.0
18648.6	77.5°	17629.0	16609.5	15428.1	14246.7	13907.4	13568.0	11102.6	8637.3	5418.7	2200.0
13499.3	80°	12964.1	12428.7	11536.8	10644.6	10222.8	9801.0	7727.2	5653.1	3491.2	1329.2
8739.3	82.5°	8516.2	8292.8	7678.7	7064.5	6593.2	6122.1	4704.0	3286.1	2020.6	755.3
5015.0	85°	4888.2	4761.5	4257.0	3752.4	3351.7	2950.9	2198.4	1445.8	908.9	372.2
1926.7	87.5°	1916.1	1905.2	1652.9	1400.6	1177.0	953.5	700.5	447.6	297.7	147.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
5425.1	0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1
5697.0	2.5°	5649.5	5601.7	5553.8	5508.0	5462.2	5417.8	5368.5	5328.5	5288.8	5252.8
5977.0	5°	5878.5	5779.2	5680.1	5587.5	5494.9	5407.4	5321.0	5245.7	5170.1	5106.8
6237.9	7.5°	6087.1	5940.4	5793.6	5664.3	5535.0	5415.8	5304.0	5203.6	5103.5	5020.2
6441.2	10°	6242.2	6064.0	5885.6	5732.8	5579.6	5432.4	5312.3	5206.5	5100.8	5017.5
6581.3	12.5°	6355.7	6145.4	5935.2	5762.2	5589.2	5434.5	5322.7	5236.1	5149.9	5094.5
6668.8	15°	6424.0	6181.9	5939.7	5739.5	5539.2	5367.9	5278.4	5236.9	5195.7	5203.2
6710.6	17.5°	6443.5	6162.5	5881.5	5640.6	5399.7	5198.2	5143.0	5158.2	5173.2	5264.0
6743.3	20°	6449.8	6109.2	5768.6	5470.1	5171.6	4936.9	4922.4	4993.2	5063.9	5221.5
6787.4	22.5°	6458.1	6043.8	5629.6	5270.0	4910.5	4643.4	4671.9	4776.7	4881.4	5061.2
6867.4	25°	6491.0	5979.3	5467.8	5046.7	4625.7	4352.0	4429.0	4549.7	4670.5	4832.2
6992.3	27.5°	6559.7	5936.2	5312.7	4842.4	4372.2	4123.0	4216.7	4333.2	4449.8	4582.8
7154.0	30°	6653.8	5916.0	5177.8	4671.7	4165.6	3956.4	4029.9	4122.3	4215.2	4325.5
7322.9	32.5°	6735.0	5891.0	5046.7	4524.5	4002.2	3833.6	3866.3	3921.0	3975.8	4063.8
7515.2	35°	6794.5	5844.0	4893.9	4379.9	3865.9	3725.4	3711.8	3726.8	3742.0	3809.2
7730.7	37.5°	6829.9	5763.4	4696.9	4209.6	3722.2	3599.4	3549.9	3533.2	3516.5	3564.8
8004.2	40°	6852.2	5652.5	4452.9	4006.4	3559.8	3448.5	3372.5	3334.8	3297.1	3331.9
8362.1	42.5°	6894.4	5538.0	4181.9	3782.2	3382.5	3279.8	3184.1	3134.1	3084.2	3112.5
8833.0	45°	6968.8	5431.6	3894.6	3544.0	3193.5	3089.4	2996.7	2948.0	2899.5	2923.2
9334.7	47.5°	7019.8	5343.7	3667.7	3355.6	3043.6	2909.3	2829.6	2788.8	2748.0	2770.4
9800.2	50°	6986.5	5248.0	3509.5	3230.5	2951.6	2775.0	2682.4	2646.2	2610.1	2645.1
10102.5	52.5°	6781.4	5086.2	3391.2	3148.1	2905.1	2702.2	2572.7	2536.9	2501.3	2553.9
10035.9	55°	6357.8	4818.1	3278.4	3088.3	2898.3	2709.4	2514.4	2457.8	2401.3	2476.1
9567.0	57.5°	5728.0	4440.0	3151.8	3017.5	2883.3	2716.7	2479.4	2397.0	2314.5	2394.9
8694.6	60°	4883.4	3949.1	3014.8	2909.3	2803.7	2693.8	2446.5	2339.7	2232.7	2303.3
7514.8	62.5°	3932.1	3361.7	2791.3	2721.1	2651.2	2637.6	2408.2	2274.6	2141.1	2185.9
6311.1	65°	*3099.4*	*2833.1*	*2566.8*	*2533.7*	*2500.6*	*2502.3*	*2327.4*	*2185.5*	*2043.3*	*2060.5*
5132.0	67.5°	2400.7	2325.1	2249.4	2267.9	2286.2	2281.6	2183.4	2065.1	1946.9	1941.5
4040.7	70°	1818.4	1840.1	1861.5	1947.3	2032.9	2032.9	2000.6	1916.5	1832.4	1813.6
3089.2	72.5°	1402.7	1467.9	1533.2	1654.8	1776.2	1796.6	1797.0	1739.3	1681.7	1654.2
2242.1	75°	1089.2	1148.3	1207.4	1343.6	1479.7	1573.8	1565.9	1521.6	1477.0	1450.8
1519.3	77.5°	838.5	878.7	919.1	1051.3	1183.5	1338.6	1334.4	1298.8	1263.2	1236.6
978.9	80°	628.7	645.4	662.0	774.0	885.8	1071.1	1070.5	1040.7	1010.7	988.4
602.1	82.5°	449.2	452.2	455.5	537.9	620.4	778.6	787.3	772.8	758.2	742.4
321.8	85°	271.7	270.2	268.6	328.9	389.3	506.9	518.4	502.8	487.1	469.4
133.4	87.5°	119.1	117.6	116.2	140.7	165.5	214.4	229.0	222.8	216.5	213.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
5425.1	0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1
5216.9	2.5°	5185.5	5154.1	5122.4	5091.0	5066.6	5042.1	5022.3	5002.5	4987.1	4971.7
5043.7	5°	4988.0	4932.2	4881.6	4830.8	4791.8	4752.7	4725.4	4698.2	4678.8	4659.4
4936.9	7.5°	4866.8	4796.4	4734.4	4672.6	4626.1	4579.9	4547.4	4515.0	4492.7	4470.6
4934.2	10°	4858.7	4782.9	4713.2	4643.4	4588.0	4532.5	4496.2	4459.6	4438.6	4417.5
5039.6	12.5°	4980.0	4920.9	4848.7	4776.7	4705.9	4635.1	4588.3	4541.4	4517.9	4494.6
5210.7	15°	5195.3	5179.9	5117.2	5054.6	4953.8	4853.1	4781.9	4710.7	4678.0	4645.5
5354.8	17.5°	5403.1	5451.1	5400.6	5350.2	5216.7	5083.3	4978.4	4873.5	4825.2	4776.7
5379.3	20°	5480.3	5581.3	5557.9	5534.4	5381.8	5229.4	5100.8	4972.3	4910.5	4848.5
5241.5	22.5°	5372.9	5504.2	5518.4	5532.3	5386.6	5240.9	5108.5	4975.9	4910.7	4845.4
4994.2	25°	5123.5	5252.8	5301.1	5349.1	5229.6	5110.4	4992.5	4875.1	4818.5	4762.1
4715.7	27.5°	4819.3	4923.0	4976.7	5030.6	4945.5	4860.5	4769.2	4677.8	4639.9	4601.8
4435.9	30°	4521.8	4608.0	4651.7	4695.5	4630.7	4565.8	4500.4	4434.6	4415.3	4395.7
4152.1	32.5°	4234.6	4317.2	4365.7	4414.4	4354.9	4295.1	4242.9	4190.6	4177.9	4165.2
3876.3	35°	3957.9	4039.7	4098.0	4156.3	4113.8	4071.6	4023.3	3975.2	3955.8	3936.7
3612.9	37.5°	3694.3	3775.9	3848.0	3920.0	3900.4	3880.9	3836.5	3792.0	3756.8	3721.8
3366.7	40°	3445.4	3524.0	3606.9	3690.0	3694.7	3699.3	3661.6	3624.0	3572.8	3522.0
3141.0	42.5°	3215.5	3290.3	3379.8	3469.3	3493.2	3517.2	3485.3	3453.7	3390.2	3326.7
2947.4	45°	3018.2	3089.0	3181.8	3274.6	3309.0	3343.3	3314.6	3286.1	3213.4	3141.0
2792.7	47.5°	2862.0	2931.2	3022.7	3114.3	3153.9	3193.5	3173.5	3153.5	3089.0	3024.4
2680.3	50°	2745.7	2810.8	2892.8	2974.9	3025.7	3076.5	3075.2	3074.4	3022.7	2971.1
2606.4	52.5°	2666.3	2726.1	2802.5	2879.1	2939.3	2999.4	3010.3	3021.1	2979.0	2937.0
2550.6	55°	2615.1	2679.7	2746.7	2813.5	2877.2	2941.1	2956.1	2971.1	2934.5	2897.8
2475.2	57.5°	2551.0	2626.8	2693.0	2759.4	2823.7	2887.8	2903.0	2918.2	2881.2	2844.1
2373.6	60°	2460.7	2547.7	2614.9	2682.4	2746.9	2811.4	2828.1	2844.8	2808.5	2772.5
2230.6	62.5°	2332.0	2433.6	2505.4	2577.2	2636.4	2695.5	2711.5	2727.6	2694.9	2662.2
2077.6	65°	*2186.3*	*2295.2*	*2363.9*	*2432.6*	*2484.6*	*2536.7*	*2553.1*	*2569.3*	*2537.9*	*2506.5*
1936.1	67.5°	2036.4	2137.0	2202.1	2267.1	2312.0	2357.0	2373.0	2388.8	2359.9	2331.2
1794.9	70°	1883.2	1971.4	2027.7	2083.9	2124.5	2165.1	2180.5	2195.9	2172.3	2148.8
1626.9	72.5°	1696.4	1765.8	1816.6	1867.4	1907.1	1946.9	1965.2	1983.5	1964.0	1944.4
1424.4	75°	1476.0	1527.6	1573.6	1619.6	1655.9	1692.1	1711.2	1730.4	1720.8	1711.2
1209.9	77.5°	1252.0	1293.8	1333.4	1372.9	1411.0	1448.9	1466.8	1484.7	1471.4	1457.7
965.9	80°	1000.9	1035.7	1069.0	1102.3	1131.2	1160.0	1183.7	1207.4	1201.6	1196.0
726.5	82.5°	723.6	720.7	709.1	697.4	759.0	820.6	861.0	901.4	898.9	896.2
451.7	85°	436.8	421.6	389.3	357.0	414.7	472.6	522.5	572.5	568.3	564.2
209.8	87.5°	209.2	208.6	184.0	159.3	183.4	207.8	228.0	248.1	243.2	237.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
5425.1	0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1
4957.6	2.5°	4943.2	4925.5	4943.2	4957.6	4971.7	4987.1	5002.5	5022.3	5042.1	5066.6
4644.7	5°	4629.9	4615.3	4629.9	4644.7	4659.4	4678.8	4698.2	4725.4	4752.7	4791.8
4457.3	7.5°	4444.2	4434.2	4444.2	4457.3	4470.6	4492.7	4515.0	4547.4	4579.9	4626.1
4406.3	10°	4395.1	4390.5	4395.1	4406.3	4417.5	4438.6	4459.6	4496.2	4532.5	4588.0
4485.0	12.5°	4475.4	4473.8	4475.4	4485.0	4494.6	4517.9	4541.4	4588.3	4635.1	4705.9
4633.0	15°	4620.5	4619.5	4620.5	4633.0	4645.5	4678.0	4710.7	4781.9	4853.1	4953.8
4760.8	17.5°	4744.8	4742.3	4744.8	4760.8	4776.7	4825.2	4873.5	4978.4	5083.3	5216.7
4828.7	20°	4808.9	4802.7	4808.9	4828.7	4848.5	4910.5	4972.3	5100.8	5229.4	5381.8
4823.5	22.5°	4801.6	4792.3	4801.6	4823.5	4845.4	4910.7	4975.9	5108.5	5240.9	5386.6
4741.5	25°	4721.1	4709.0	4721.1	4741.5	4762.1	4818.5	4875.1	4992.5	5110.4	5229.6
4592.4	27.5°	4583.0	4579.9	4583.0	4592.4	4601.8	4639.9	4677.8	4769.2	4860.5	4945.5
4395.7	30°	4395.7	4398.8	4395.7	4395.7	4395.7	4415.3	4434.6	4500.4	4565.8	4630.7
4166.9	32.5°	4168.8	4171.9	4168.8	4166.9	4165.2	4177.9	4190.6	4242.9	4295.1	4354.9
3932.5	35°	3928.3	3926.2	3928.3	3932.5	3936.7	3955.8	3975.2	4023.3	4071.6	4113.8
3703.3	37.5°	3684.8	3674.3	3684.8	3703.3	3721.8	3756.8	3792.0	3836.5	3880.9	3900.4
3487.4	40°	3453.3	3432.9	3453.3	3487.4	3522.0	3572.8	3624.0	3661.6	3699.3	3694.7
3276.5	42.5°	3226.3	3193.5	3226.3	3276.5	3326.7	3390.2	3453.7	3485.3	3517.2	3493.2
3082.1	45°	3023.2	2985.3	3023.2	3082.1	3141.0	3213.4	3286.1	3314.6	3343.3	3309.0
2969.9	47.5°	2915.5	2879.1	2915.5	2969.9	3024.4	3089.0	3153.5	3173.5	3193.5	3153.9
2920.7	50°	2870.4	2835.4	2870.4	2920.7	2971.1	3022.7	3074.4	3075.2	3076.5	3025.7
2891.8	52.5°	2846.8	2814.6	2846.8	2891.8	2937.0	2979.0	3021.1	3010.3	2999.4	2939.3
2858.3	55°	2818.7	2789.6	2818.7	2858.3	2897.8	2934.5	2971.1	2956.1	2941.1	2877.2
2805.0	57.5°	2765.6	2735.5	2765.6	2805.0	2844.1	2881.2	2918.2	2903.0	2887.8	2823.7
2732.1	60°	2691.7	2660.5	2691.7	2732.1	2772.5	2808.5	2844.8	2828.1	2811.4	2746.9
2619.7	62.5°	2577.2	2539.8	2577.2	2619.7	2662.2	2694.9	2727.6	2711.5	2695.5	2636.4
2465.2	65°	*2424.2*	*2392.0*	*2424.2*	*2465.2*	*2506.5*	*2537.9*	*2569.3*	*2553.1*	*2536.7*	*2484.6*
2292.9	67.5°	2254.6	2225.4	2254.6	2292.9	2331.2	2359.9	2388.8	2373.0	2357.0	2312.0
2112.2	70°	2075.5	2042.2	2075.5	2112.2	2148.8	2172.3	2195.9	2180.5	2165.1	2124.5
1909.4	72.5°	1874.6	1842.4	1874.6	1909.4	1944.4	1964.0	1983.5	1965.2	1946.9	1907.1
1681.9	75°	1652.5	1621.7	1652.5	1681.9	1711.2	1720.8	1730.4	1711.2	1692.1	1655.9
1428.1	77.5°	1398.5	1374.0	1398.5	1428.1	1457.7	1471.4	1484.7	1466.8	1448.9	1411.0
1156.2	80°	1116.3	1070.0	1116.3	1156.2	1196.0	1201.6	1207.4	1183.7	1160.0	1131.2
862.7	82.5°	829.0	799.4	829.0	862.7	896.2	898.9	901.4	861.0	820.6	759.0
537.9	85°	511.7	485.1	511.7	537.9	564.2	568.3	572.5	522.5	472.6	414.7
224.4	87.5°	210.7	197.8	210.7	224.4	237.7	243.2	248.1	228.0	207.8	183.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
5425.1	0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1
5091.0	2.5°	5122.4	5154.1	5185.5	5216.9	5252.8	5288.8	5328.5	5368.5	5417.8	5462.2
4830.8	5°	4881.6	4932.2	4988.0	5043.7	5106.8	5170.1	5245.7	5321.0	5407.4	5494.9
4672.6	7.5°	4734.4	4796.4	4866.8	4936.9	5020.2	5103.5	5203.6	5304.0	5415.8	5535.0
4643.4	10°	4713.2	4782.9	4858.7	4934.2	5017.5	5100.8	5206.5	5312.3	5432.4	5579.6
4776.7	12.5°	4848.7	4920.9	4980.0	5039.6	5094.5	5149.9	5236.1	5322.7	5434.5	5589.2
5054.6	15°	5117.2	5179.9	5195.3	5210.7	5203.2	5195.7	5236.9	5278.4	5367.9	5539.2
5350.2	17.5°	5400.6	5451.1	5403.1	5354.8	5264.0	5173.2	5158.2	5143.0	5198.2	5399.7
5534.4	20°	5557.9	5581.3	5480.3	5379.3	5221.5	5063.9	4993.2	4922.4	4936.9	5171.6
5532.3	22.5°	5518.4	5504.2	5372.9	5241.5	5061.2	4881.4	4776.7	4671.9	4643.4	4910.5
5349.1	25°	5301.1	5252.8	5123.5	4994.2	4832.2	4670.5	4549.7	4429.0	4352.0	4625.7
5030.6	27.5°	4976.7	4923.0	4819.3	4715.7	4582.8	4449.8	4333.2	4216.7	4123.0	4372.2
4695.5	30°	4651.7	4608.0	4521.8	4435.9	4325.5	4215.2	4122.3	4029.9	3956.4	4165.6
4414.4	32.5°	4365.7	4317.2	4234.6	4152.1	4063.8	3975.8	3921.0	3866.3	3833.6	4002.2
4156.3	35°	4098.0	4039.7	3957.9	3876.3	3809.2	3742.0	3726.8	3711.8	3725.4	3865.9
3920.0	37.5°	3848.0	3775.9	3694.3	3612.9	3564.8	3516.5	3533.2	3549.9	3599.4	3722.2
3690.0	40°	3606.9	3524.0	3445.4	3366.7	3331.9	3297.1	3334.8	3372.5	3448.5	3559.8
3469.3	42.5°	3379.8	3290.3	3215.5	3141.0	3112.5	3084.2	3134.1	3184.1	3279.8	3382.5
3274.6	45°	3181.8	3089.0	3018.2	2947.4	2923.2	2899.5	2948.0	2996.7	3089.4	3193.5
3114.3	47.5°	3022.7	2931.2	2862.0	2792.7	2770.4	2748.0	2788.8	2829.6	2909.3	3043.6
2974.9	50°	2892.8	2810.8	2745.7	2680.3	2645.1	2610.1	2646.2	2682.4	2775.0	2951.6
2879.1	52.5°	2802.5	2726.1	2666.3	2606.4	2553.9	2501.3	2536.9	2572.7	2702.2	2905.1
2813.5	55°	2746.7	2679.7	2615.1	2550.6	2476.1	2401.3	2457.8	2514.4	2709.4	2898.3
2759.4	57.5°	2693.0	2626.8	2551.0	2475.2	2394.9	2314.5	2397.0	2479.4	2716.7	2883.3
2682.4	60°	2614.9	2547.7	2460.7	2373.6	2303.3	2232.7	2339.7	2446.5	2693.8	2803.7
2577.2	62.5°	2505.4	2433.6	2332.0	2230.6	2185.9	2141.1	2274.6	2408.2	2637.6	2651.2
2432.6	65°	*2363.9*	*2295.2*	*2186.3*	*2077.6*	*2060.5*	*2043.3*	*2185.5*	*2327.4*	*2502.3*	*2500.6*
2267.1	67.5°	2202.1	2137.0	2036.4	1936.1	1941.5	1946.9	2065.1	2183.4	2281.6	2286.2
2083.9	70°	2027.7	1971.4	1883.2	1794.9	1813.6	1832.4	1916.5	2000.6	2032.9	2032.9
1867.4	72.5°	1816.6	1765.8	1696.4	1626.9	1654.2	1681.7	1739.3	1797.0	1796.6	1776.2
1619.6	75°	1573.6	1527.6	1476.0	1424.4	1450.8	1477.0	1521.6	1565.9	1573.8	1479.7
1372.9	77.5°	1333.4	1293.8	1252.0	1209.9	1236.6	1263.2	1298.8	1334.4	1338.6	1183.5
1102.3	80°	1069.0	1035.7	1000.9	965.9	988.4	1010.7	1040.7	1070.5	1071.1	885.8
697.4	82.5°	709.1	720.7	723.6	726.5	742.4	758.2	772.8	787.3	778.6	620.4
357.0	85°	389.3	421.6	436.8	451.7	469.4	487.1	502.8	518.4	506.9	389.3
159.3	87.5°	184.0	208.6	209.2	209.8	213.2	216.5	222.8	229.0	214.4	165.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P955340
CATALOG NUMBER: GALN-SB8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
5425.1	0°	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1	5425.1
5508.0	2.5°	5553.8	5601.7	5649.5	5697.0	5744.7	5789.4	5834.2
5587.5	5°	5680.1	5779.2	5878.5	5977.0	6075.7	6174.6	6273.5
5664.3	7.5°	5793.6	5940.4	6087.1	6237.9	6388.6	6551.6	6714.8
5732.8	10°	5885.6	6064.0	6242.2	6441.2	6640.5	6846.8	7053.1
5762.2	12.5°	5935.2	6145.4	6355.7	6581.3	6807.0	7033.5	7260.2
5739.5	15°	5939.7	6181.9	6424.0	6668.8	6913.6	7149.9	7386.2
5640.6	17.5°	5881.5	6162.5	6443.5	6710.6	6977.7	7217.3	7456.9
5470.1	20°	5768.6	6109.2	6449.8	6743.3	7036.8	7286.0	7535.0
5270.0	22.5°	5629.6	6043.8	6458.1	6787.4	7116.6	7371.2	7625.6
5046.7	25°	5467.8	5979.3	6491.0	6867.4	7243.6	7492.8	7742.2
4842.4	27.5°	5312.7	5936.2	6559.7	6992.3	7424.7	7662.6	7900.4
4671.7	30°	5177.8	5916.0	6653.8	7154.0	7654.3	7883.9	8113.8
4524.5	32.5°	5046.7	5891.0	6735.0	7322.9	7910.8	8138.1	8365.6
4379.9	35°	4893.9	5844.0	6794.5	7515.2	8236.0	8453.9	8671.7
4209.6	37.5°	4696.9	5763.4	6829.9	7730.7	8631.5	8909.2	9186.9
4006.4	40°	4452.9	5652.5	6852.2	8004.2	9156.1	9560.8	9965.5
3782.2	42.5°	4181.9	5538.0	6894.4	8362.1	9829.8	10413.9	10998.1
3544.0	45°	3894.6	5431.6	6968.8	8833.0	10697.2	11485.2	12273.2
3355.6	47.5°	3667.7	5343.7	7019.8	9334.7	11649.7	12758.8	13867.8
3230.5	50°	3509.5	5248.0	6986.5	9800.2	12613.9	14286.0	15957.9
3148.1	52.5°	3391.2	5086.2	6781.4	10102.5	13423.3	15890.3	18357.2
3088.3	55°	3278.4	4818.1	6357.8	10035.9	13713.7	17312.5	20911.5
3017.5	57.5°	3151.8	4440.0	5728.0	9567.0	13406.3	18320.5	23234.8
2909.3	60°	3014.8	3949.1	4883.4	8694.6	12505.7	18572.4	24638.9
2721.1	62.5°	2791.3	3361.7	3932.1	7514.8	11097.6	17511.8	23925.9
2533.7	65°	*2566.8*	*2833.1*	*3099.4*	*6311.1*	*9523.1*	*16011.0*	*22498.9*
2267.9	67.5°	2249.4	2325.1	2400.7	5132.0	7863.3	14225.0	20586.8
1947.3	70°	1861.5	1840.1	1818.4	4040.7	6263.0	12276.3	18289.5
1654.8	72.5°	1533.2	1467.9	1402.7	3089.2	4775.6	10163.7	15552.0
1343.6	75°	1207.4	1148.3	1089.2	2242.1	3395.0	7741.9	12088.9
1051.3	77.5°	919.1	878.7	838.5	1519.3	2200.0	5418.7	8637.3
774.0	80°	662.0	645.4	628.7	978.9	1329.2	3491.2	5653.1
537.9	82.5°	455.5	452.2	449.2	602.1	755.3	2020.6	3286.1
328.9	85°	268.6	270.2	271.7	321.8	372.2	908.9	1445.8
140.7	87.5°	116.2	117.6	119.1	133.4	147.8	297.7	447.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)