

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: P951623

Luminaire Tested: **GALN-SB5D-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951623
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-SB5D-722-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42312 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 364.9
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

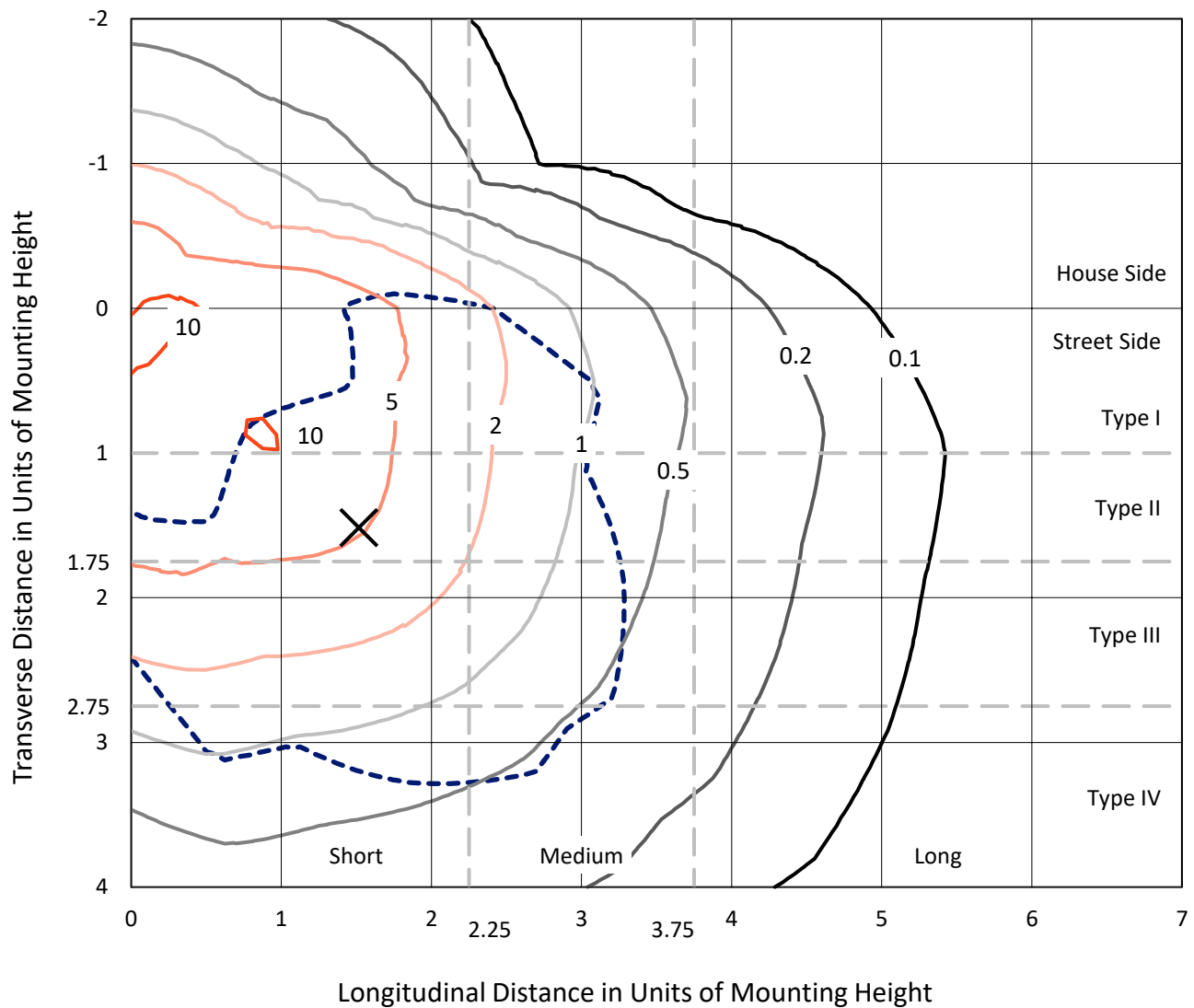


REPORT NUMBER: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

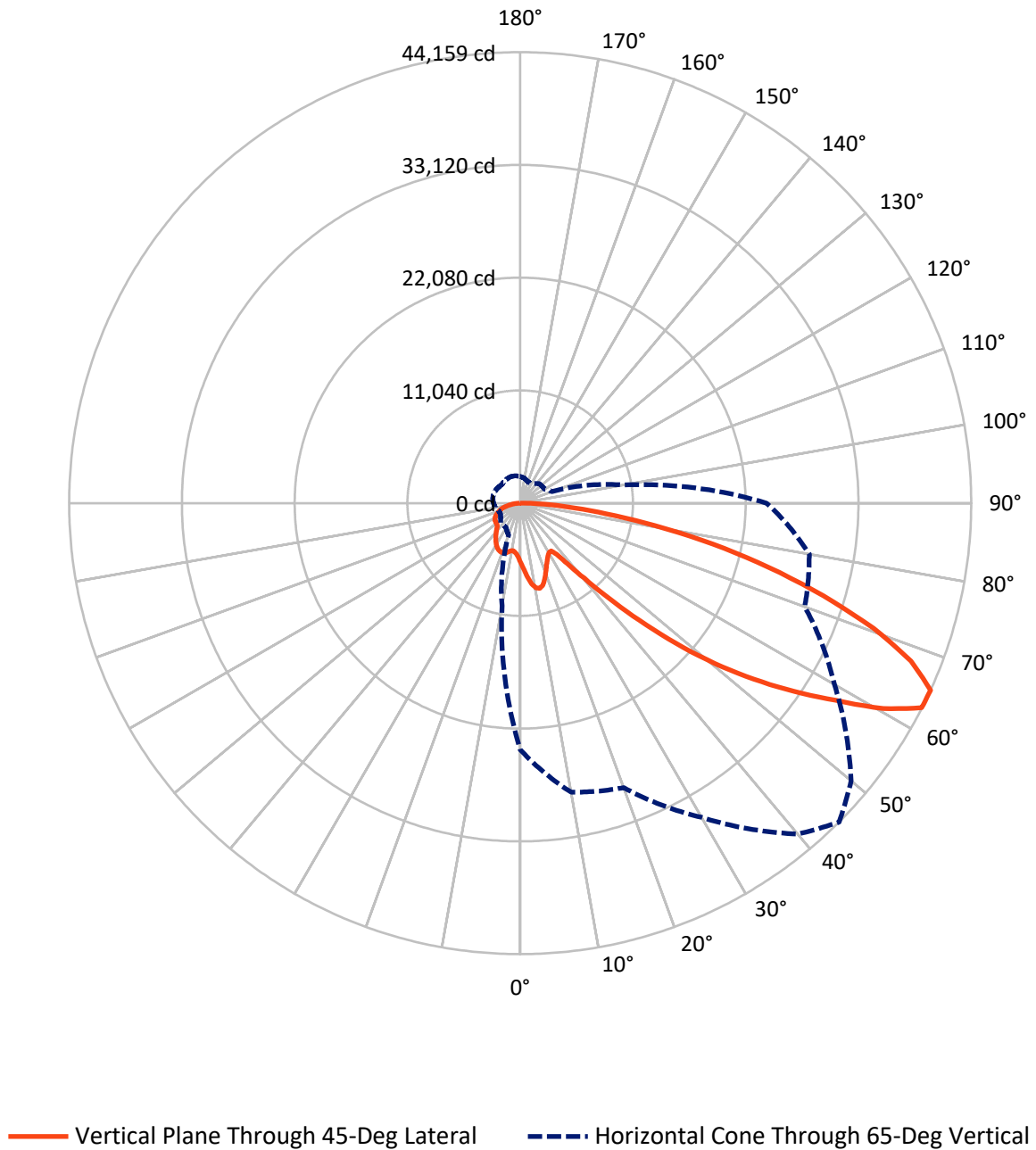
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 fc
 Type IV - Short - N/A

REPORT NUMBER: P951623
CATALOG NUMBER: GALN-SB5D-722-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

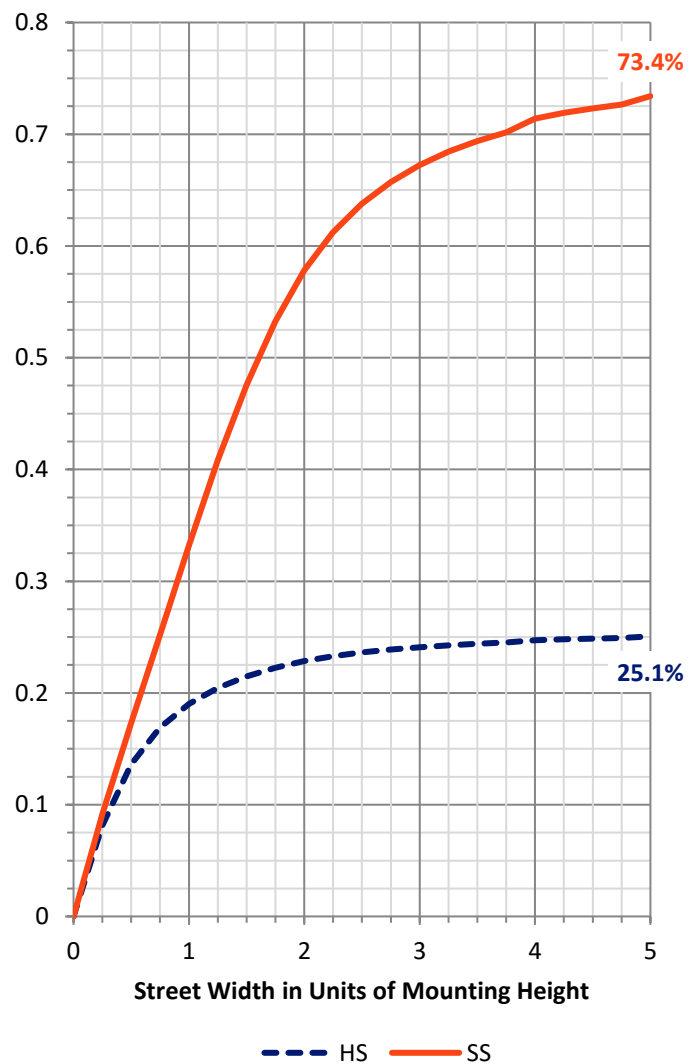
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10753.6	0.0	10753.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	31558.4	0.0	31558.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	42312.0	0.0	42312.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	577.2	1.4
10°-20°	1811.9	4.3
20°-30°	2798.7	6.6
30°-40°	3546.6	8.4
40°-50°	5349.2	12.6
50°-60°	8642.4	20.4
60°-70°	10774.2	25.5
70°-80°	7065.2	16.7
80°-90°	1746.7	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°	42312.0	100.0
0°-180°	42312.0	100.0

Coefficient of Utilization



REPORT NUMBER: P951623

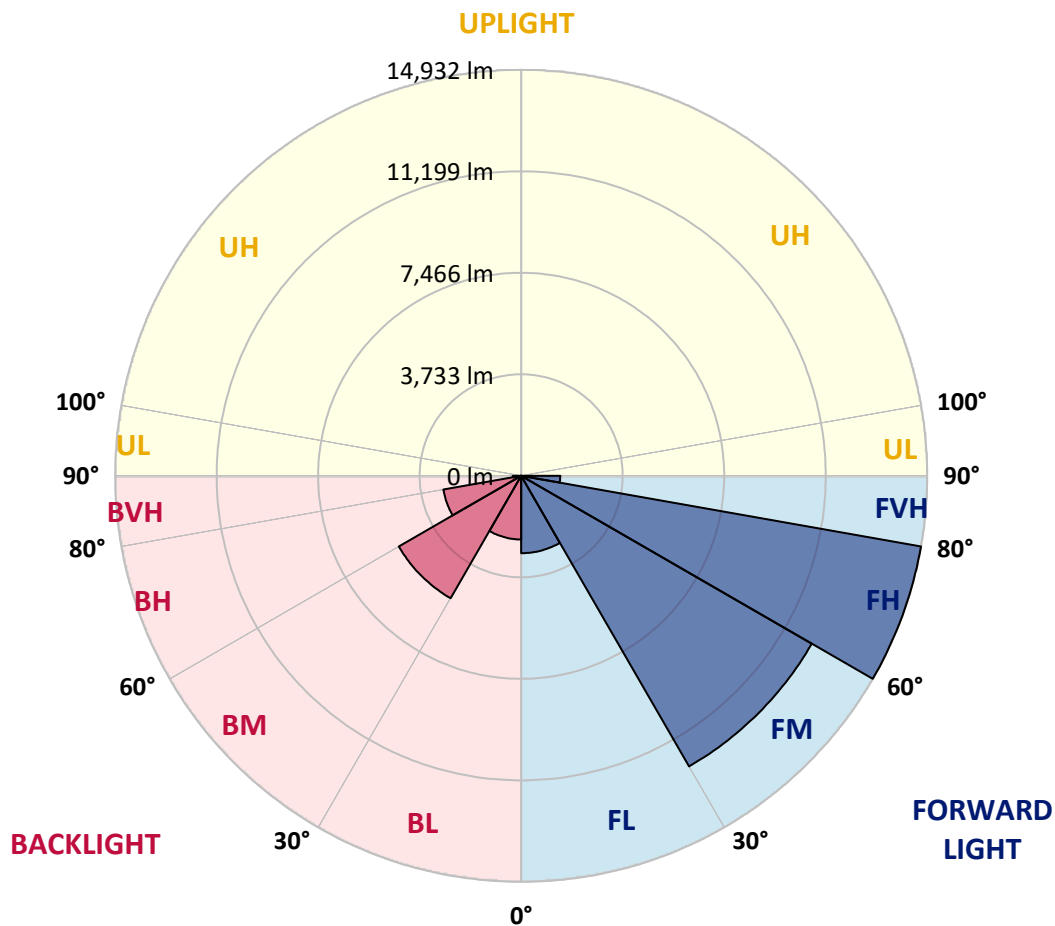
CATALOG NUMBER: GALN-SB5D-722-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2846.0	6.7			
FM	(30°-60°)	12341.5	29.2			
FH	(60°-80°)	14932.1	35.3			G5
FVH	(80°-90°)	1438.9	3.4			G5
BL	(0°-30°)	2341.7	5.5	B3/2500		
BM	(30°-60°)	5196.8	12.3	B4/8500		
BH	(60°-80°)	2907.3	6.9	B4/5000		G4/5000
BVH	(80°-90°)	307.8	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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	6257.0	6280.6	6304.5	6338.2	6372.0	6392.1	6412.1	6422.2	6432.2	6427.8	6432.2
5°	6728.1	6810.9	6894.0	6976.1	7058.5	7103.1	7147.8	7174.8	7202.1	7222.6	7202.1
7.5°	7201.4	7336.2	7470.9	7592.1	7713.3	7786.3	7859.3	7898.9	7938.2	7957.1	7938.2
10°	7564.2	7723.6	7883.0	8025.2	8167.5	8253.6	8339.4	8377.8	8415.9	8430.5	8415.9
12.5°	7786.3	7959.1	8131.7	8260.3	8388.5	8451.0	8513.5	8534.5	8555.5	8557.7	8555.5
15°	7921.4	8070.6	8219.5	8300.1	8380.9	8383.1	8385.4	8363.0	8340.7	8314.4	8340.7
17.5°	7997.3	8098.0	8198.7	8200.3	8201.6	8111.2	8020.8	7937.9	7854.9	7796.4	7854.9
20°	8081.0	8116.1	8151.4	8045.3	7939.3	7739.7	7540.1	7394.7	7249.4	7160.1	7249.4
22.5°	8178.2	8132.2	8086.2	7866.5	7646.8	7353.2	7059.6	6877.9	6696.1	6597.5	6696.1
25°	8303.2	8158.1	8013.0	7679.4	7345.8	6989.3	6632.7	6441.6	6251.0	6157.6	6251.0
27.5°	8472.9	8213.4	7953.8	7511.9	7070.3	6675.2	6280.0	6092.0	5904.2	5816.0	5904.2
30°	8701.7	8314.8	7928.1	7384.2	6840.4	6428.7	6017.0	5842.6	5668.2	5586.1	5668.2
32.5°	8971.9	8442.1	7912.5	7297.2	6681.9	6294.9	5908.0	5771.2	5634.1	5574.9	5634.1
35°	9300.1	8651.7	8003.6	7362.4	6721.4	6452.6	6184.0	6152.0	6120.1	6115.2	6120.1
37.5°	9852.6	9090.0	8327.3	7744.6	7161.9	7144.5	7127.0	7273.1	7419.1	7495.0	7419.1
40°	10687.7	9858.2	9028.8	8595.4	8162.1	8468.0	8773.8	9128.8	9483.8	9660.6	9483.8
42.5°	11795.0	10972.1	10149.1	9899.5	9649.9	10317.0	10984.2	11629.8	12275.5	12654.6	12275.5
45°	13162.5	12423.3	11683.9	11573.8	11463.5	12532.3	13601.3	14662.2	15723.4	16367.5	15723.4
47.5°	14872.7	14153.6	13434.3	13411.9	13389.6	14931.5	16472.9	18026.1	19579.2	20491.2	19579.2
50°	17114.3	16225.9	15337.8	15341.6	15345.4	17332.4	19319.5	21369.7	23420.0	24659.5	23420.0
52.5°	19687.4	18611.7	17536.3	17427.6	17318.6	19692.1	22065.6	24602.4	27138.9	28624.7	27138.9
55°	22426.9	21364.1	20301.4	19877.4	19453.5	22095.1	24736.6	27760.7	30784.8	32551.9	30784.8
57.5°	24918.5	24339.8	23760.9	22910.5	22060.3	24727.6	27395.0	30820.3	34245.4	36436.7	34245.4
60°	26424.4	27323.3	28222.4	27166.3	26110.3	28634.5	31158.7	34826.1	38493.4	40861.8	38493.4
62.5°	25659.8	28115.9	30572.0	30453.0	30333.8	32646.1	34958.7	38447.9	41936.8	44125.9	41936.8
65°	24129.3	26434.5	28739.7	29195.8	29651.7	32590.3	35529.1	38912.5	42295.6	44159.4	42295.6
67.5°	22078.6	24271.0	26463.5	26677.4	26891.1	29952.9	33014.5	36412.4	39810.2	41270.4	39810.2
70°	19614.9	21999.6	24384.5	24480.0	24575.8	27313.9	30051.8	32975.9	35899.8	36711.3	35899.8
72.5°	16679.0	19415.5	22152.3	22221.0	22289.6	24431.8	26574.0	28764.0	30953.8	31036.0	30953.8
75°	12965.0	15797.3	18629.6	18883.9	19138.2	20804.9	22471.5	24013.2	25554.8	25141.8	25554.8
77.5°	9263.2	11907.1	14551.2	14915.2	15279.1	16546.1	17813.1	18906.5	20000.0	19290.0	20000.0
80°	6062.7	8287.1	10511.3	10963.6	11415.9	12372.9	13329.3	13903.6	14477.6	13335.6	14477.6
82.5°	3524.2	5044.9	6565.8	7071.0	7576.5	8235.1	8893.7	9133.3	9372.6	8475.1	9372.6
85°	1550.6	2357.7	3164.8	3594.6	4024.3	4565.5	5106.5	5242.5	5378.4	4659.5	5378.4
87.5°	480.0	751.3	1022.5	1262.3	1502.1	1772.7	2043.3	2054.9	2066.3	1734.8	2066.3
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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	6422.2	6412.1	6392.1	6372.0	6338.2	6304.5	6280.6	6257.0	6209.0	6161.0	6109.8
5°	7174.8	7147.8	7103.1	7058.5	6976.1	6894.0	6810.9	6728.1	6622.0	6516.0	6410.1
7.5°	7898.9	7859.3	7786.3	7713.3	7592.1	7470.9	7336.2	7201.4	7026.3	6851.5	6689.9
10°	8377.8	8339.4	8253.6	8167.5	8025.2	7883.0	7723.6	7564.2	7342.9	7121.7	6908.0
12.5°	8534.5	8513.5	8451.0	8388.5	8260.3	8131.7	7959.1	7786.3	7543.2	7300.3	7058.3
15°	8363.0	8385.4	8383.1	8380.9	8300.1	8219.5	8070.6	7921.4	7668.0	7414.6	7152.0
17.5°	7937.9	8020.8	8111.2	8201.6	8200.3	8198.7	8098.0	7997.3	7740.3	7483.4	7196.9
20°	7394.7	7540.1	7739.7	7939.3	8045.3	8151.4	8116.1	8081.0	7814.0	7546.8	7232.0
22.5°	6877.9	7059.6	7353.2	7646.8	7866.5	8086.2	8132.2	8178.2	7905.3	7632.3	7279.3
25°	6441.6	6632.7	6989.3	7345.8	7679.4	8013.0	8158.1	8303.2	8035.7	7768.5	7365.0
27.5°	6092.0	6280.0	6675.2	7070.3	7511.9	7953.8	8213.4	8472.9	8217.9	7962.7	7499.0
30°	5842.6	6017.0	6428.7	6840.4	7384.2	7928.1	8314.8	8701.7	8455.2	8209.0	7672.5
32.5°	5771.2	5908.0	6294.9	6681.9	7297.2	7912.5	8442.1	8971.9	8727.8	8484.0	7853.5
35°	6152.0	6184.0	6452.6	6721.4	7362.4	8003.6	8651.7	9300.1	9066.5	8832.8	8059.8
37.5°	7273.1	7127.0	7144.5	7161.9	7744.6	8327.3	9090.0	9852.6	9554.8	9257.0	8290.9
40°	9128.8	8773.8	8468.0	8162.1	8595.4	9028.8	9858.2	10687.7	10253.6	9819.6	8584.3
42.5°	11629.8	10984.2	10317.0	9649.9	9899.5	10149.1	10972.1	11795.0	11168.6	10542.1	8968.1
45°	14662.2	13601.3	12532.3	11463.5	11573.8	11683.9	12423.3	13162.5	12317.5	11472.4	9473.1
47.5°	18026.1	16472.9	14931.5	13389.6	13411.9	13434.3	14153.6	14872.7	13683.4	12493.9	10011.2
50°	21369.7	19319.5	17332.4	15345.4	15341.6	15337.8	16225.9	17114.3	15321.3	13528.0	10510.4
52.5°	24602.4	22065.6	19692.1	17318.6	17427.6	17536.3	18611.7	19687.4	17041.8	14396.1	10834.6
55°	27760.7	24736.6	22095.1	19453.5	19877.4	20301.4	21364.1	22426.9	18567.1	14707.5	10763.1
57.5°	30820.3	27395.0	24727.6	22060.3	22910.5	23760.9	24339.8	24918.5	19648.1	14377.8	10260.3
60°	34826.1	31158.7	28634.5	26110.3	27166.3	28222.4	27323.3	26424.4	19918.3	13411.9	9324.6
62.5°	38447.9	34958.7	32646.1	30333.8	30453.0	30572.0	28115.9	25659.8	18780.8	11901.8	8059.4
65°	38912.5	35529.1	32590.3	29651.7	29195.8	28739.7	26434.5	24129.3	17171.2	10213.2	6768.5
67.5°	36412.4	33014.5	29952.9	26891.1	26677.4	26463.5	24271.0	22078.6	15255.9	8433.1	5503.9
70°	32975.9	30051.8	27313.9	24575.8	24480.0	24384.5	21999.6	19614.9	13165.9	6716.9	4333.6
72.5°	28764.0	26574.0	24431.8	22289.6	22221.0	22152.3	19415.5	16679.0	10900.2	5121.7	3313.0
75°	24013.2	22471.5	20804.9	19138.2	18883.9	18629.6	15797.3	12965.0	8303.0	3641.0	2404.6
77.5°	18906.5	17813.1	16546.1	15279.1	14915.2	14551.2	11907.1	9263.2	5811.3	2359.5	1629.4
80°	13903.6	13329.3	12372.9	11415.9	10963.6	10511.3	8287.1	6062.7	3744.1	1425.5	1049.8
82.5°	9133.3	8893.7	8235.1	7576.5	7071.0	6565.8	5044.9	3524.2	2167.0	810.0	645.7
85°	5242.5	5106.5	4565.5	4024.3	3594.6	3164.8	2357.7	1550.6	974.8	399.2	345.2
87.5°	2054.9	2043.3	1772.7	1502.1	1262.3	1022.5	751.3	480.0	319.3	158.5	143.1
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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	6058.9	6007.6	5956.2	5907.1	5858.0	5810.5	5757.5	5714.7	5672.0	5633.4	5595.0
5°	6304.5	6198.0	6091.8	5992.4	5893.1	5799.3	5706.6	5625.8	5544.8	5476.9	5409.2
7.5°	6528.2	6370.8	6213.4	6074.8	5936.1	5808.2	5688.3	5580.7	5473.3	5384.0	5294.7
10°	6694.6	6503.5	6312.1	6148.2	5983.9	5826.1	5697.3	5583.8	5470.4	5381.1	5291.8
12.5°	6816.3	6590.8	6365.3	6179.7	5994.2	5828.3	5708.4	5615.5	5523.1	5463.7	5404.8
15°	6889.5	6629.8	6370.2	6155.4	5940.6	5756.9	5660.9	5616.4	5572.2	5580.3	5588.3
17.5°	6910.5	6609.1	6307.7	6049.3	5791.0	5574.9	5515.7	5532.0	5548.1	5645.5	5742.8
20°	6917.2	6551.9	6186.7	5866.5	5546.3	5294.7	5279.1	5355.0	5430.9	5599.9	5769.1
22.5°	6926.1	6481.8	6037.5	5651.9	5266.4	4979.9	5010.5	5122.8	5235.1	5428.0	5621.3
25°	6961.4	6412.6	5864.0	5412.4	4960.9	4667.3	4749.9	4879.4	5008.9	5182.4	5356.1
27.5°	7035.1	6366.4	5697.7	5193.3	4689.0	4421.7	4522.2	4647.2	4772.3	4914.9	5057.4
30°	7136.0	6344.7	5553.0	5010.3	4467.5	4243.1	4321.9	4421.1	4520.7	4639.0	4757.3
32.5°	7223.0	6317.9	5412.4	4852.4	4292.3	4111.4	4146.5	4205.2	4263.9	4358.3	4453.0
35°	7286.9	6267.5	5248.5	4697.3	4146.0	3995.3	3980.8	3996.9	4013.2	4085.3	4157.2
37.5°	7324.9	6181.1	5037.3	4514.6	3992.0	3860.2	3807.1	3789.2	3771.4	3823.2	3874.7
40°	7348.7	6062.1	4775.6	4296.7	3817.8	3698.4	3616.9	3576.5	3536.1	3573.3	3610.6
42.5°	7394.1	5939.3	4484.9	4056.3	3627.6	3517.5	3414.8	3361.2	3307.7	3338.0	3368.6
45°	7473.8	5825.2	4176.8	3800.8	3424.9	3313.2	3213.9	3161.6	3109.6	3135.1	3161.0
47.5°	7528.5	5731.0	3933.5	3598.8	3264.1	3120.1	3034.6	2990.8	2947.1	2971.2	2995.1
50°	7492.7	5628.3	3763.8	3464.6	3165.4	2976.1	2876.8	2837.9	2799.3	2836.8	2874.5
52.5°	7272.8	5454.8	3637.0	3376.2	3115.7	2898.0	2759.1	2720.7	2682.5	2739.0	2795.3
55°	6818.5	5167.2	3516.0	3312.1	3108.3	2905.8	2696.6	2635.9	2575.4	2655.5	2735.4
57.5°	6143.1	4761.8	3380.2	3236.2	3092.2	2913.6	2659.1	2570.7	2482.3	2568.4	2654.6
60°	5237.3	4235.3	3233.3	3120.1	3006.9	2889.0	2623.8	2509.3	2394.5	2470.2	2545.7
62.5°	4217.0	3605.3	2993.5	2918.3	2843.3	2828.8	2582.7	2439.4	2296.3	2344.3	2392.3
65°	3324.0	3038.4	2752.8	2717.3	2681.8	2683.6	2496.1	2343.8	2191.3	2209.9	2228.2
67.5°	2574.7	2493.6	2412.4	2432.2	2451.9	2447.0	2341.6	2214.8	2088.0	2082.2	2076.4
70°	1950.2	1973.4	1996.4	2088.4	2180.2	2180.2	2145.6	2055.4	1965.2	1945.1	1925.0
72.5°	1504.4	1574.2	1644.3	1774.7	1904.9	1926.8	1927.2	1865.4	1803.5	1774.1	1744.8
75°	1168.1	1231.5	1294.9	1440.9	1587.0	1687.9	1679.4	1631.8	1584.1	1555.9	1527.6
77.5°	899.3	942.4	985.7	1127.5	1269.3	1435.6	1431.1	1392.9	1354.8	1326.2	1297.6
80°	674.3	692.1	710.0	830.1	950.0	1148.7	1148.0	1116.1	1083.9	1060.1	1035.9
82.5°	481.8	484.9	488.5	576.9	665.3	835.0	844.4	828.8	813.1	796.2	779.2
85°	291.4	289.8	288.0	352.8	417.5	543.6	555.9	539.2	522.4	503.5	484.5
87.5°	127.7	126.1	124.6	150.9	177.5	230.0	245.6	238.9	232.2	228.6	225.1
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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	5561.3	5527.6	5493.6	5459.9	5433.8	5407.5	5386.2	5365.0	5348.5	5332.0	5316.8
5°	5349.4	5289.6	5235.3	5180.8	5139.1	5097.1	5067.9	5038.6	5017.9	4997.1	4981.2
7.5°	5219.5	5144.0	5077.5	5011.2	4961.4	4911.8	4877.0	4842.2	4818.3	4794.6	4780.3
10°	5210.8	5129.5	5054.7	4979.9	4920.5	4860.9	4822.1	4782.8	4760.2	4737.7	4725.6
12.5°	5340.9	5277.5	5200.0	5122.8	5046.9	4971.0	4920.7	4870.5	4845.3	4820.3	4810.0
15°	5571.8	5555.3	5488.1	5420.9	5312.8	5204.7	5128.4	5052.0	5017.0	4982.1	4968.7
17.5°	5794.6	5846.2	5791.9	5737.9	5594.8	5451.7	5339.1	5226.6	5174.8	5122.8	5105.8
20°	5877.4	5985.7	5960.7	5935.5	5771.8	5608.4	5470.4	5332.7	5266.4	5199.8	5178.6
22.5°	5762.2	5903.1	5918.3	5933.2	5777.0	5620.7	5478.7	5336.5	5266.6	5196.5	5173.0
25°	5494.8	5633.4	5685.2	5736.8	5608.6	5480.7	5354.3	5228.4	5167.7	5107.2	5085.1
27.5°	5168.6	5279.8	5337.4	5395.2	5303.9	5212.8	5114.8	5016.7	4976.1	4935.3	4925.2
30°	4849.5	4942.0	4988.8	5035.7	4966.3	4896.6	4826.5	4756.0	4735.2	4714.2	4714.2
32.5°	4541.4	4630.1	4682.1	4734.3	4670.5	4606.4	4550.3	4494.3	4480.7	4467.1	4468.9
35°	4244.7	4332.4	4395.0	4457.5	4411.9	4366.6	4314.8	4263.2	4242.5	4221.9	4217.5
37.5°	3962.0	4049.6	4126.8	4204.1	4183.1	4162.1	4114.5	4066.8	4029.0	3991.5	3971.6
40°	3695.0	3779.4	3868.3	3957.4	3962.5	3967.4	3927.0	3886.6	3831.7	3777.2	3740.1
42.5°	3448.5	3528.7	3624.7	3720.7	3746.4	3772.0	3737.9	3704.0	3635.9	3567.8	3514.0
45°	3236.9	3312.8	3412.4	3511.9	3548.8	3585.6	3554.8	3524.2	3446.3	3368.6	3305.4
47.5°	3069.4	3143.6	3241.8	3340.0	3382.5	3424.9	3403.4	3382.0	3312.8	3243.6	3185.1
50°	2944.6	3014.5	3102.5	3190.4	3244.9	3299.4	3298.1	3297.2	3241.8	3186.4	3132.4
52.5°	2859.6	2923.6	3005.6	3087.7	3152.3	3216.8	3228.4	3240.0	3194.9	3149.8	3101.4
55°	2804.6	2873.9	2945.7	3017.4	3085.7	3154.3	3170.4	3186.4	3147.1	3107.8	3065.4
57.5°	2735.9	2817.1	2888.1	2959.4	3028.4	3097.1	3113.4	3129.7	3090.0	3050.2	3008.3
60°	2639.0	2732.3	2804.4	2876.8	2946.0	3015.2	3033.0	3050.9	3012.1	2973.4	2930.1
62.5°	2501.0	2610.0	2687.0	2764.0	2827.4	2890.8	2908.0	2925.2	2890.2	2855.1	2809.6
65°	2344.7	2461.5	2535.2	2608.8	2664.7	2720.5	2738.1	2755.5	2721.8	2688.1	2643.9
67.5°	2184.0	2291.8	2361.7	2431.3	2479.6	2527.8	2545.0	2562.0	2530.9	2500.1	2459.0
70°	2019.6	2114.3	2174.6	2234.9	2278.4	2321.9	2338.5	2355.0	2329.8	2304.5	2265.2
72.5°	1819.4	1893.7	1948.2	2002.7	2045.3	2088.0	2107.6	2127.3	2106.3	2085.3	2047.8
75°	1582.9	1638.3	1687.7	1737.0	1775.8	1814.7	1835.2	1855.8	1845.5	1835.2	1803.8
77.5°	1342.7	1387.6	1430.0	1472.4	1513.3	1553.9	1573.1	1592.3	1578.0	1563.3	1531.6
80°	1073.5	1110.7	1146.5	1182.2	1213.2	1244.0	1269.5	1294.9	1288.7	1282.7	1240.0
82.5°	776.1	772.9	760.4	747.9	814.0	880.1	923.4	966.7	964.1	961.2	925.2
85°	468.4	452.1	417.5	382.9	444.7	506.8	560.4	614.0	609.5	605.0	576.9
87.5°	224.4	223.7	197.4	170.8	196.7	222.8	244.5	266.1	260.8	255.0	240.7
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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	5301.4	5282.4	5301.4	5316.8	5332.0	5348.5	5365.0	5386.2	5407.5	5433.8	5459.9
5°	4965.4	4949.8	4965.4	4981.2	4997.1	5017.9	5038.6	5067.9	5097.1	5139.1	5180.8
7.5°	4766.2	4755.5	4766.2	4780.3	4794.6	4818.3	4842.2	4877.0	4911.8	4961.4	5011.2
10°	4713.6	4708.6	4713.6	4725.6	4737.7	4760.2	4782.8	4822.1	4860.9	4920.5	4979.9
12.5°	4799.7	4797.9	4799.7	4810.0	4820.3	4845.3	4870.5	4920.7	4971.0	5046.9	5122.8
15°	4955.3	4954.2	4955.3	4968.7	4982.1	5017.0	5052.0	5128.4	5204.7	5312.8	5420.9
17.5°	5088.6	5086.0	5088.6	5105.8	5122.8	5174.8	5226.6	5339.1	5451.7	5594.8	5737.9
20°	5157.4	5150.7	5157.4	5178.6	5199.8	5266.4	5332.7	5470.4	5608.4	5771.8	5935.5
22.5°	5149.6	5139.5	5149.6	5173.0	5196.5	5266.6	5336.5	5478.7	5620.7	5777.0	5933.2
25°	5063.2	5050.2	5063.2	5085.1	5107.2	5167.7	5228.4	5354.3	5480.7	5608.6	5736.8
27.5°	4915.2	4911.8	4915.2	4925.2	4935.3	4976.1	5016.7	5114.8	5212.8	5303.9	5395.2
30°	4714.2	4717.6	4714.2	4714.2	4714.2	4735.2	4756.0	4826.5	4896.6	4966.3	5035.7
32.5°	4470.9	4474.2	4470.9	4468.9	4467.1	4480.7	4494.3	4550.3	4606.4	4670.5	4734.3
35°	4213.0	4210.8	4213.0	4217.5	4221.9	4242.5	4263.2	4314.8	4366.6	4411.9	4457.5
37.5°	3951.8	3940.6	3951.8	3971.6	3991.5	4029.0	4066.8	4114.5	4162.1	4183.1	4204.1
40°	3703.5	3681.6	3703.5	3740.1	3777.2	3831.7	3886.6	3927.0	3967.4	3962.5	3957.4
42.5°	3460.1	3424.9	3460.1	3514.0	3567.8	3635.9	3704.0	3737.9	3772.0	3746.4	3720.7
45°	3242.2	3201.6	3242.2	3305.4	3368.6	3446.3	3524.2	3554.8	3585.6	3548.8	3511.9
47.5°	3126.8	3087.7	3126.8	3185.1	3243.6	3312.8	3382.0	3403.4	3424.9	3382.5	3340.0
50°	3078.4	3040.9	3078.4	3132.4	3186.4	3241.8	3297.2	3298.1	3299.4	3244.9	3190.4
52.5°	3053.1	3018.5	3053.1	3101.4	3149.8	3194.9	3240.0	3228.4	3216.8	3152.3	3087.7
55°	3023.0	2991.7	3023.0	3065.4	3107.8	3147.1	3186.4	3170.4	3154.3	3085.7	3017.4
57.5°	2966.1	2933.7	2966.1	3008.3	3050.2	3090.0	3129.7	3113.4	3097.1	3028.4	2959.4
60°	2886.8	2853.3	2886.8	2930.1	2973.4	3012.1	3050.9	3033.0	3015.2	2946.0	2876.8
62.5°	2764.0	2723.8	2764.0	2809.6	2855.1	2890.2	2925.2	2908.0	2890.8	2827.4	2764.0
65°	2599.9	2565.3	2599.9	2643.9	2688.1	2721.8	2755.5	2738.1	2720.5	2664.7	2608.8
67.5°	2418.0	2386.7	2418.0	2459.0	2500.1	2530.9	2562.0	2545.0	2527.8	2479.6	2431.3
70°	2225.9	2190.2	2225.9	2265.2	2304.5	2329.8	2355.0	2338.5	2321.9	2278.4	2234.9
72.5°	2010.5	1975.9	2010.5	2047.8	2085.3	2106.3	2127.3	2107.6	2088.0	2045.3	2002.7
75°	1772.3	1739.2	1772.3	1803.8	1835.2	1845.5	1855.8	1835.2	1814.7	1775.8	1737.0
77.5°	1499.9	1473.5	1499.9	1531.6	1563.3	1578.0	1592.3	1573.1	1553.9	1513.3	1472.4
80°	1197.1	1147.6	1197.1	1240.0	1282.7	1288.7	1294.9	1269.5	1244.0	1213.2	1182.2
82.5°	889.0	857.3	889.0	925.2	961.2	964.1	966.7	923.4	880.1	814.0	747.9
85°	548.8	520.2	548.8	576.9	605.0	609.5	614.0	560.4	506.8	444.7	382.9
87.5°	225.9	212.1	225.9	240.7	255.0	260.8	266.1	244.5	222.8	196.7	170.8
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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	5493.6	5527.6	5561.3	5595.0	5633.4	5672.0	5714.7	5757.5	5810.5	5858.0	5907.1
5°	5235.3	5289.6	5349.4	5409.2	5476.9	5544.8	5625.8	5706.6	5799.3	5893.1	5992.4
7.5°	5077.5	5144.0	5219.5	5294.7	5384.0	5473.3	5580.7	5688.3	5808.2	5936.1	6074.8
10°	5054.7	5129.5	5210.8	5291.8	5381.1	5470.4	5583.8	5697.3	5826.1	5983.9	6148.2
12.5°	5200.0	5277.5	5340.9	5404.8	5463.7	5523.1	5615.5	5708.4	5828.3	5994.2	6179.7
15°	5488.1	5555.3	5571.8	5588.3	5580.3	5572.2	5616.4	5660.9	5756.9	5940.6	6155.4
17.5°	5791.9	5846.2	5794.6	5742.8	5645.5	5548.1	5532.0	5515.7	5574.9	5791.0	6049.3
20°	5960.7	5985.7	5877.4	5769.1	5599.9	5430.9	5355.0	5279.1	5294.7	5546.3	5866.5
22.5°	5918.3	5903.1	5762.2	5621.3	5428.0	5235.1	5122.8	5010.5	4979.9	5266.4	5651.9
25°	5685.2	5633.4	5494.8	5356.1	5182.4	5008.9	4879.4	4749.9	4667.3	4960.9	5412.4
27.5°	5337.4	5279.8	5168.6	5057.4	4914.9	4772.3	4647.2	4522.2	4421.7	4689.0	5193.3
30°	4988.8	4942.0	4849.5	4757.3	4639.0	4520.7	4421.1	4321.9	4243.1	4467.5	5010.3
32.5°	4682.1	4630.1	4541.4	4453.0	4358.3	4263.9	4205.2	4146.5	4111.4	4292.3	4852.4
35°	4395.0	4332.4	4244.7	4157.2	4085.3	4013.2	3996.9	3980.8	3995.3	4146.0	4697.3
37.5°	4126.8	4049.6	3962.0	3874.7	3823.2	3771.4	3789.2	3807.1	3860.2	3992.0	4514.6
40°	3868.3	3779.4	3695.0	3610.6	3573.3	3536.1	3576.5	3616.9	3698.4	3817.8	4296.7
42.5°	3624.7	3528.7	3448.5	3368.6	3338.0	3307.7	3361.2	3414.8	3517.5	3627.6	4056.3
45°	3412.4	3312.8	3236.9	3161.0	3135.1	3109.6	3161.6	3213.9	3313.2	3424.9	3800.8
47.5°	3241.8	3143.6	3069.4	2995.1	2971.2	2947.1	2990.8	3034.6	3120.1	3264.1	3598.8
50°	3102.5	3014.5	2944.6	2874.5	2836.8	2799.3	2837.9	2876.8	2976.1	3165.4	3464.6
52.5°	3005.6	2923.6	2859.6	2795.3	2739.0	2682.5	2720.7	2759.1	2898.0	3115.7	3376.2
55°	2945.7	2873.9	2804.6	2735.4	2655.5	2575.4	2635.9	2696.6	2905.8	3108.3	3312.1
57.5°	2888.1	2817.1	2735.9	2654.6	2568.4	2482.3	2570.7	2659.1	2913.6	3092.2	3236.2
60°	2804.4	2732.3	2639.0	2545.7	2470.2	2394.5	2509.3	2623.8	2889.0	3006.9	3120.1
62.5°	2687.0	2610.0	2501.0	2392.3	2344.3	2296.3	2439.4	2582.7	2828.8	2843.3	2918.3
65°	2535.2	2461.5	2344.7	2228.2	2209.9	2191.3	2343.8	2496.1	2683.6	2681.8	2717.3
67.5°	2361.7	2291.8	2184.0	2076.4	2082.2	2088.0	2214.8	2341.6	2447.0	2451.9	2432.2
70°	2174.6	2114.3	2019.6	1925.0	1945.1	1965.2	2055.4	2145.6	2180.2	2180.2	2088.4
72.5°	1948.2	1893.7	1819.4	1744.8	1774.1	1803.5	1865.4	1927.2	1926.8	1904.9	1774.7
75°	1687.7	1638.3	1582.9	1527.6	1555.9	1584.1	1631.8	1679.4	1687.9	1587.0	1440.9
77.5°	1430.0	1387.6	1342.7	1297.6	1326.2	1354.8	1392.9	1431.1	1435.6	1269.3	1127.5
80°	1146.5	1110.7	1073.5	1035.9	1060.1	1083.9	1116.1	1148.0	1148.7	950.0	830.1
82.5°	760.4	772.9	776.1	779.2	796.2	813.1	828.8	844.4	835.0	665.3	576.9
85°	417.5	452.1	468.4	484.5	503.5	522.4	539.2	555.9	543.6	417.5	352.8
87.5°	197.4	223.7	224.4	225.1	228.6	232.2	238.9	245.6	230.0	177.5	150.9
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: P951623

CATALOG NUMBER: GALN-SB5D-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3	5818.3
2.5°	5956.2	6007.6	6058.9	6109.8	6161.0	6209.0	6257.0
5°	6091.8	6198.0	6304.5	6410.1	6516.0	6622.0	6728.1
7.5°	6213.4	6370.8	6528.2	6689.9	6851.5	7026.3	7201.4
10°	6312.1	6503.5	6694.6	6908.0	7121.7	7342.9	7564.2
12.5°	6365.3	6590.8	6816.3	7058.3	7300.3	7543.2	7786.3
15°	6370.2	6629.8	6889.5	7152.0	7414.6	7668.0	7921.4
17.5°	6307.7	6609.1	6910.5	7196.9	7483.4	7740.3	7997.3
20°	6186.7	6551.9	6917.2	7232.0	7546.8	7814.0	8081.0
22.5°	6037.5	6481.8	6926.1	7279.3	7632.3	7905.3	8178.2
25°	5864.0	6412.6	6961.4	7365.0	7768.5	8035.7	8303.2
27.5°	5697.7	6366.4	7035.1	7499.0	7962.7	8217.9	8472.9
30°	5553.0	6344.7	7136.0	7672.5	8209.0	8455.2	8701.7
32.5°	5412.4	6317.9	7223.0	7853.5	8484.0	8727.8	8971.9
35°	5248.5	6267.5	7286.9	8059.8	8832.8	9066.5	9300.1
37.5°	5037.3	6181.1	7324.9	8290.9	9257.0	9554.8	9852.6
40°	4775.6	6062.1	7348.7	8584.3	9819.6	10253.6	10687.7
42.5°	4484.9	5939.3	7394.1	8968.1	10542.1	11168.6	11795.0
45°	4176.8	5825.2	7473.8	9473.1	11472.4	12317.5	13162.5
47.5°	3933.5	5731.0	7528.5	10011.2	12493.9	13683.4	14872.7
50°	3763.8	5628.3	7492.7	10510.4	13528.0	15321.3	17114.3
52.5°	3637.0	5454.8	7272.8	10834.6	14396.1	17041.8	19687.4
55°	3516.0	5167.2	6818.5	10763.1	14707.5	18567.1	22426.9
57.5°	3380.2	4761.8	6143.1	10260.3	14377.8	19648.1	24918.5
60°	3233.3	4235.3	5237.3	9324.6	13411.9	19918.3	26424.4
62.5°	2993.5	3605.3	4217.0	8059.4	11901.8	18780.8	25659.8
65°	2752.8	3038.4	3324.0	6768.5	10213.2	17171.2	24129.3
67.5°	2412.4	2493.6	2574.7	5503.9	8433.1	15255.9	22078.6
70°	1996.4	1973.4	1950.2	4333.6	6716.9	13165.9	19614.9
72.5°	1644.3	1574.2	1504.4	3313.0	5121.7	10900.2	16679.0
75°	1294.9	1231.5	1168.1	2404.6	3641.0	8303.0	12965.0
77.5°	985.7	942.4	899.3	1629.4	2359.5	5811.3	9263.2
80°	710.0	692.1	674.3	1049.8	1425.5	3744.1	6062.7
82.5°	488.5	484.9	481.8	645.7	810.0	2167.0	3524.2
85°	288.0	289.8	291.4	345.2	399.2	974.8	1550.6
87.5°	124.6	126.1	127.7	143.1	158.5	319.3	480.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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