

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: P956642

Luminaire Tested: **GALN-SB9B-727-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956642
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-727-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

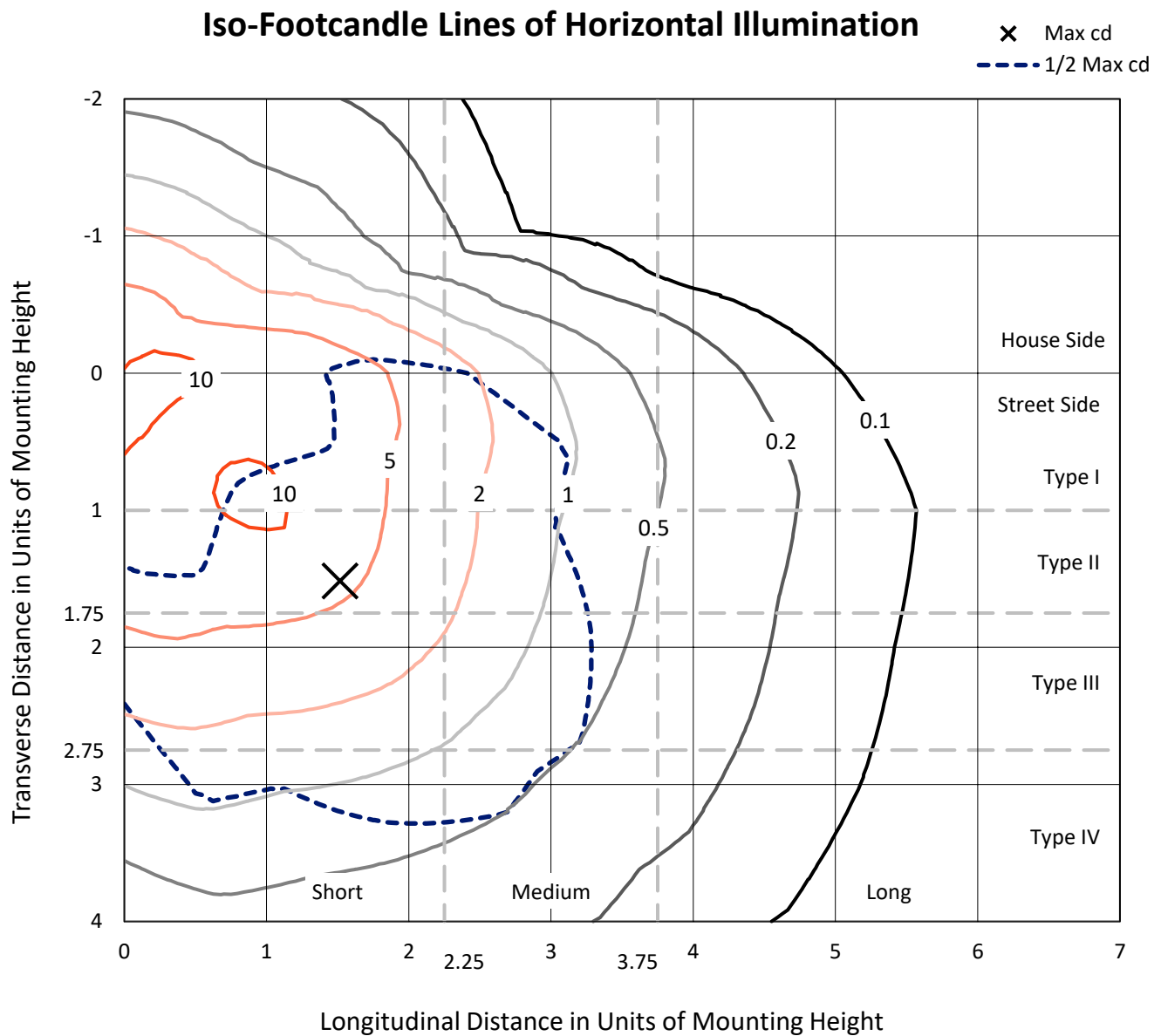
Lumens per Lamp: N/A
Luminaire Lumens: 47403 lumens
Efficiency: N/A
Efficacy: 143.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

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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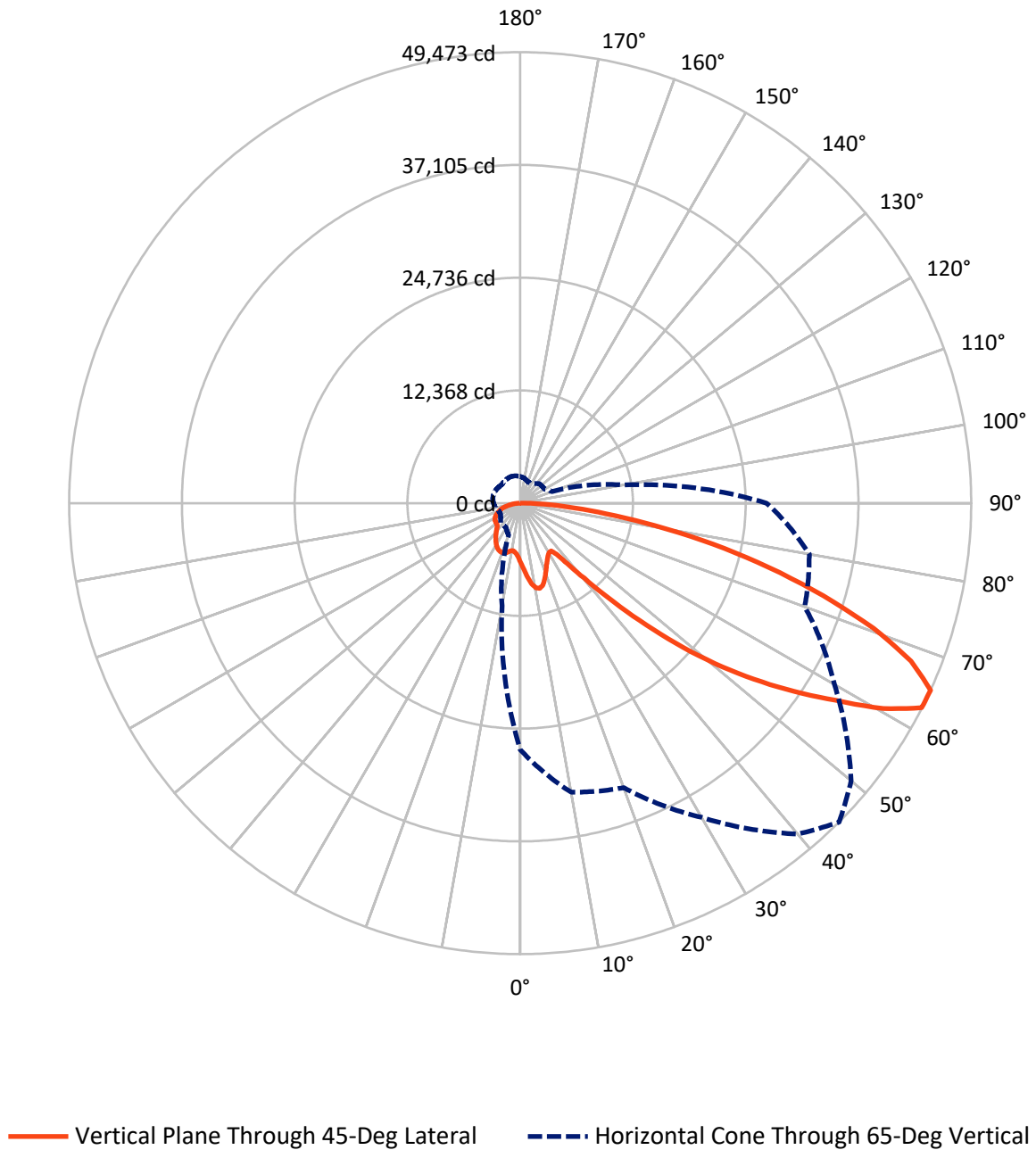


Based on 25 foot mounting height. Maximum calculated value = 14.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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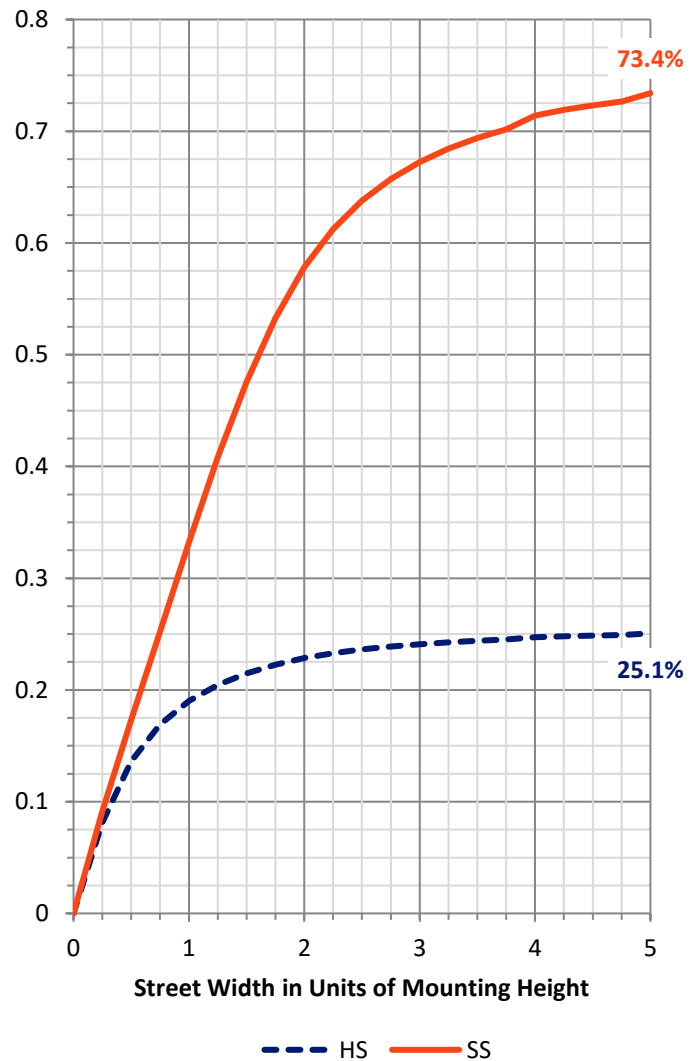
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12047.5	0.0	12047.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	35355.5	0.0	35355.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	47403.0	0.0	47403.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	646.6	1.4
10°-20°	2029.9	4.3
20°-30°	3135.4	6.6
30°-40°	3973.4	8.4
40°-50°	5992.8	12.6
50°-60°	9682.3	20.4
60°-70°	12070.5	25.5
70°-80°	7915.3	16.7
80°-90°	1956.8	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°	47403.0	100.0
0°-180°	47403.0	100.0

Coefficient of Utilization



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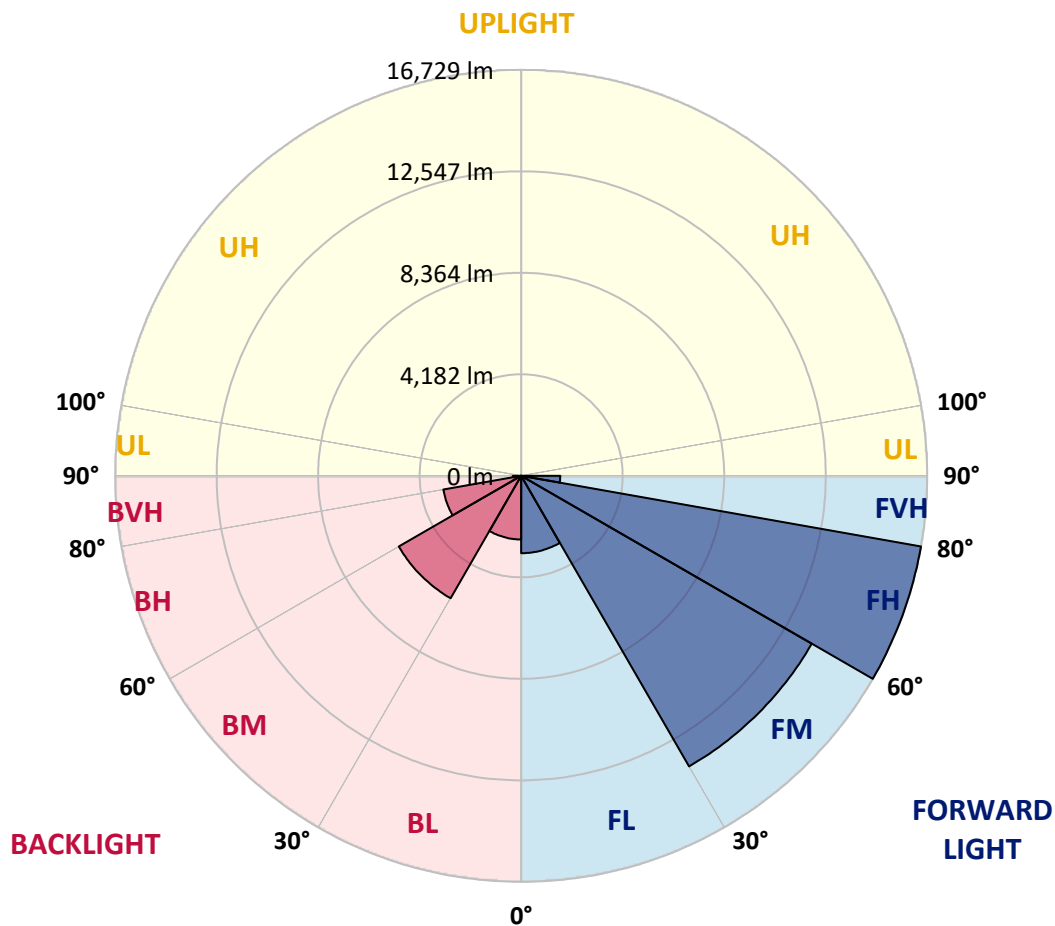
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3188.4	6.7			
FM	(30°-60°)	13826.4	29.2			
FH	(60°-80°)	16728.7	35.3			G5
FVH	(80°-90°)	1612.0	3.4			G5
BL	(0°-30°)	2623.5	5.5	B4/5000		
BM	(30°-60°)	5822.1	12.3	B4/8500		
BH	(60°-80°)	3257.1	6.9	B4/5000		G4/5000
BVH	(80°-90°)	344.8	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	7009.8	7036.3	7063.1	7100.9	7138.6	7161.1	7183.7	7194.9	7206.2	7201.2	7206.2
5°	7537.6	7630.4	7723.4	7815.5	7907.8	7957.8	8007.8	8038.1	8068.6	8091.6	8068.6
7.5°	8067.9	8218.9	8369.8	8505.6	8641.4	8723.2	8805.0	8849.3	8893.3	8914.5	8893.3
10°	8474.3	8652.9	8831.5	8990.8	9150.2	9246.7	9342.8	9385.8	9428.6	9444.8	9428.6
12.5°	8723.2	8916.8	9110.1	9254.2	9397.8	9467.8	9537.9	9561.4	9584.9	9587.4	9584.9
15°	8874.5	9041.6	9208.4	9298.7	9389.3	9391.8	9394.3	9369.3	9344.3	9314.7	9344.3
17.5°	8959.6	9072.4	9185.2	9186.9	9188.4	9087.1	8985.8	8893.0	8800.0	8734.4	8800.0
20°	9053.4	9092.6	9132.2	9013.3	8894.5	8670.9	8447.3	8284.5	8121.6	8021.6	8121.6
22.5°	9162.2	9110.6	9059.1	8813.0	8566.9	8237.9	7909.0	7705.4	7501.8	7391.3	7501.8
25°	9302.2	9139.7	8977.1	8603.4	8229.7	7830.2	7430.8	7216.7	7003.1	6898.5	7003.1
27.5°	9492.3	9201.7	8910.8	8415.8	7921.0	7478.3	7035.6	6825.0	6614.6	6515.8	6614.6
30°	9748.7	9315.2	8882.0	8272.7	7663.4	7202.2	6740.9	6545.6	6350.2	6258.2	6350.2
32.5°	10051.4	9457.8	8864.5	8175.2	7485.8	7052.3	6618.9	6465.5	6312.0	6245.7	6312.0
35°	10419.1	9692.7	8966.6	8248.2	7530.1	7228.9	6928.0	6892.3	6856.5	6851.0	6856.5
37.5°	11038.1	10183.7	9329.3	8676.4	8023.6	8004.1	7984.6	8148.2	8311.7	8396.8	8311.7
40°	11973.6	11044.4	10115.2	9629.7	9144.2	9486.8	9829.5	10227.2	10624.9	10823.0	10624.9
42.5°	13214.2	12292.3	11370.3	11090.7	10811.0	11558.4	12305.8	13029.1	13752.5	14177.2	13752.5
45°	14746.3	13918.1	13089.7	12966.4	12842.8	14040.2	15237.8	16426.4	17615.2	18336.8	17615.2
47.5°	16662.2	15856.6	15050.7	15025.7	15000.6	16728.0	18454.9	20195.0	21934.9	22956.7	21934.9
50°	19173.5	18178.3	17183.3	17187.5	17191.8	19417.9	21644.0	23940.9	26237.9	27626.6	26237.9
52.5°	22056.2	20851.1	19646.3	19524.4	19402.4	22061.5	24720.6	27562.5	30404.2	32068.8	30404.2
55°	25125.3	23934.7	22744.1	22269.1	21794.1	24753.6	27712.9	31100.8	34488.8	36468.6	34488.8
57.5°	27916.7	27268.4	26619.8	25667.1	24714.6	27702.9	30691.1	34528.6	38365.8	40820.8	38365.8
60°	29603.8	30610.8	31618.1	30435.0	29251.9	32079.8	34907.8	39016.4	43125.0	45778.3	43125.0
62.5°	28747.1	31498.8	34250.4	34117.1	33983.6	36574.1	39165.0	43073.9	46982.7	49435.2	46982.7
65°	27032.5	29615.1	32197.7	32708.7	33219.4	36511.6	39804.0	43594.5	47384.6	49472.7	47384.6
67.5°	24735.1	27191.4	29647.6	29887.2	30126.6	33556.8	36986.8	40793.5	44600.2	46236.1	44600.2
70°	21974.9	24646.6	27318.4	27425.5	27532.8	30600.3	33667.7	36943.6	40219.2	41128.5	40219.2
72.5°	18685.8	21751.6	24817.6	24894.7	24971.5	27371.4	29771.4	32224.9	34678.2	34770.2	34678.2
75°	14524.9	17698.0	20871.1	21156.0	21440.9	23308.1	25175.3	26902.5	28629.6	28166.8	28629.6
77.5°	10377.8	13339.8	16302.1	16709.8	17117.5	18536.9	19956.4	21181.3	22406.4	21611.0	22406.4
80°	6792.2	9284.2	11776.0	12282.8	12789.5	13861.6	14933.1	15576.4	16219.5	14940.1	16219.5
82.5°	3948.3	5651.9	7355.7	7921.8	8488.1	9226.0	9963.8	10232.2	10500.3	9494.8	10500.3
85°	1737.1	2641.3	3545.6	4027.1	4508.5	5114.9	5720.9	5873.2	6025.6	5220.2	6025.6
87.5°	537.8	841.7	1145.6	1414.2	1682.9	1986.0	2289.2	2302.2	2314.9	1943.5	2314.9
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	7194.9	7183.7	7161.1	7138.6	7100.9	7063.1	7036.3	7009.8	6956.0	6902.3	6845.0
5°	8038.1	8007.8	7957.8	7907.8	7815.5	7723.4	7630.4	7537.6	7418.8	7300.0	7181.4
7.5°	8849.3	8805.0	8723.2	8641.4	8505.6	8369.8	8218.9	8067.9	7871.8	7675.9	7494.8
10°	9385.8	9342.8	9246.7	9150.2	8990.8	8831.5	8652.9	8474.3	8226.4	7978.6	7739.2
12.5°	9561.4	9537.9	9467.8	9397.8	9254.2	9110.1	8916.8	8723.2	8450.8	8178.7	7907.5
15°	9369.3	9394.3	9391.8	9389.3	9298.7	9208.4	9041.6	8874.5	8590.6	8306.7	8012.6
17.5°	8893.0	8985.8	9087.1	9188.4	9186.9	9185.2	9072.4	8959.6	8671.7	8383.8	8062.9
20°	8284.5	8447.3	8670.9	8894.5	9013.3	9132.2	9092.6	9053.4	8754.2	8454.8	8102.1
22.5°	7705.4	7909.0	8237.9	8566.9	8813.0	9059.1	9110.6	9162.2	8856.5	8550.6	8155.2
25°	7216.7	7430.8	7830.2	8229.7	8603.4	8977.1	9139.7	9302.2	9002.6	8703.2	8251.2
27.5°	6825.0	7035.6	7478.3	7921.0	8415.8	8910.8	9201.7	9492.3	9206.7	8920.8	8401.3
30°	6545.6	6740.9	7202.2	7663.4	8272.7	8882.0	9315.2	9748.7	9472.6	9196.7	8595.6
32.5°	6465.5	6618.9	7052.3	7485.8	8175.2	8864.5	9457.8	10051.4	9778.0	9504.8	8798.5
35°	6892.3	6928.0	7228.9	7530.1	8248.2	8966.6	9692.7	10419.1	10157.4	9895.5	9029.6
37.5°	8148.2	7984.6	8004.1	8023.6	8676.4	9329.3	10183.7	11038.1	10704.5	10370.8	9288.5
40°	10227.2	9829.5	9486.8	9144.2	9629.7	10115.2	11044.4	11973.6	11487.4	11001.1	9617.1
42.5°	13029.1	12305.8	11558.4	10811.0	11090.7	11370.3	12292.3	13214.2	12512.4	11810.5	10047.1
45°	16426.4	15237.8	14040.2	12842.8	12966.4	13089.7	13918.1	14746.3	13799.5	12852.8	10612.9
47.5°	20195.0	18454.9	16728.0	15000.6	15025.7	15050.7	15856.6	16662.2	15329.8	13997.1	11215.7
50°	23940.9	21644.0	19417.9	17191.8	17187.5	17183.3	18178.3	19173.5	17164.7	15155.7	11775.0
52.5°	27562.5	24720.6	22061.5	19402.4	19524.4	19646.3	20851.1	22056.2	19092.2	16128.2	12138.2
55°	31100.8	27712.9	24753.6	21794.1	22269.1	22744.1	23934.7	25125.3	20801.1	16477.1	12058.1
57.5°	34528.6	30691.1	27702.9	24714.6	25667.1	26619.8	27268.4	27916.7	22012.2	16107.7	11494.9
60°	39016.4	34907.8	32079.8	29251.9	30435.0	31618.1	30610.8	29603.8	22314.9	15025.7	10446.6
62.5°	43073.9	39165.0	36574.1	33983.6	34117.1	34250.4	31498.8	28747.1	21040.5	13333.8	9029.1
65°	43594.5	39804.0	36511.6	33219.4	32708.7	32197.7	29615.1	27032.5	19237.3	11442.1	7582.9
67.5°	40793.5	36986.8	33556.8	30126.6	29887.2	29647.6	27191.4	24735.1	17091.5	9447.8	6166.1
70°	36943.6	33667.7	30600.3	27532.8	27425.5	27318.4	24646.6	21974.9	14750.0	7525.1	4855.0
72.5°	32224.9	29771.4	27371.4	24971.5	24894.7	24817.6	21751.6	18685.8	12211.7	5737.9	3711.6
75°	26902.5	25175.3	23308.1	21440.9	21156.0	20871.1	17698.0	14524.9	9302.0	4079.1	2693.9
77.5°	21181.3	19956.4	18536.9	17117.5	16709.8	16302.1	13339.8	10377.8	6510.6	2643.3	1825.4
80°	15576.4	14933.1	13861.6	12789.5	12282.8	11776.0	9284.2	6792.2	4194.6	1597.1	1176.1
82.5°	10232.2	9963.8	9226.0	8488.1	7921.8	7355.7	5651.9	3948.3	2427.7	907.5	723.4
85°	5873.2	5720.9	5114.9	4508.5	4027.1	3545.6	2641.3	1737.1	1092.1	447.2	386.7
87.5°	2302.2	2289.2	1986.0	1682.9	1414.2	1145.6	841.7	537.8	357.7	177.6	160.3
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°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	6788.0	6730.4	6672.9	6617.9	6562.8	6509.6	6450.3	6402.3	6354.5	6311.2	6268.2
5°	7063.1	6943.8	6824.7	6713.4	6602.1	6497.1	6393.3	6302.7	6211.9	6135.9	6060.1
7.5°	7313.7	7137.4	6961.0	6805.7	6650.4	6507.1	6372.7	6252.2	6131.9	6031.8	5931.8
10°	7500.1	7286.0	7071.6	6888.0	6703.9	6527.1	6382.8	6255.7	6128.6	6028.6	5928.5
12.5°	7636.4	7383.8	7131.1	6923.3	6715.4	6529.6	6395.3	6291.2	6187.7	6121.1	6055.1
15°	7718.4	7427.5	7136.6	6896.0	6655.4	6449.5	6342.0	6292.2	6242.7	6251.7	6260.7
17.5°	7741.9	7404.3	7066.6	6777.2	6487.8	6245.7	6179.4	6197.7	6215.7	6324.7	6433.8
20°	7749.4	7340.2	6931.0	6572.3	6213.7	5931.8	5914.3	5999.3	6084.3	6273.7	6463.3
22.5°	7759.5	7261.7	6763.9	6332.0	5900.0	5579.1	5613.4	5739.2	5865.0	6081.1	6297.7
25°	7799.0	7184.2	6569.6	6063.6	5557.8	5228.9	5321.5	5466.5	5611.6	5806.0	6000.6
27.5°	7881.5	7132.4	6383.3	5818.2	5253.2	4953.8	5066.3	5206.4	5346.5	5506.3	5665.9
30°	7994.6	7108.1	6221.2	5613.1	5005.0	4753.7	4842.0	4953.0	5064.6	5197.1	5329.7
32.5°	8092.1	7078.1	6063.6	5436.3	4808.7	4606.1	4645.4	4711.2	4776.9	4882.7	4988.8
35°	8163.7	7021.6	5880.0	5262.4	4644.9	4476.0	4459.8	4477.8	4496.0	4576.8	4657.4
37.5°	8206.2	6924.8	5643.4	5057.8	4472.3	4324.7	4265.2	4245.2	4225.2	4283.2	4341.0
40°	8232.9	6791.5	5350.2	4813.7	4277.2	4143.4	4052.1	4006.8	3961.5	4003.3	4045.1
42.5°	8283.7	6653.9	5024.6	4544.3	4064.1	3940.8	3825.7	3765.7	3705.6	3739.7	3773.9
45°	8373.0	6526.1	4679.4	4258.2	3837.0	3711.9	3600.6	3542.1	3483.8	3512.3	3541.3
47.5°	8434.3	6420.5	4406.7	4031.8	3656.9	3495.5	3399.7	3350.7	3301.7	3328.7	3355.5
50°	8394.3	6305.5	4216.6	3881.5	3546.3	3334.2	3222.9	3179.4	3136.1	3178.1	3220.4
52.5°	8147.9	6111.1	4074.6	3782.4	3490.5	3246.7	3091.1	3048.1	3005.3	3068.6	3131.6
55°	7638.9	5788.9	3939.0	3710.6	3482.3	3255.4	3021.0	2953.0	2885.2	2975.0	3064.6
57.5°	6882.3	5334.7	3786.9	3625.6	3464.3	3264.2	2979.0	2880.0	2780.9	2877.5	2974.0
60°	5867.5	4744.9	3622.3	3495.5	3368.7	3236.6	2939.5	2811.2	2682.6	2767.4	2852.0
62.5°	4724.4	4039.1	3353.7	3269.4	3185.4	3169.1	2893.5	2732.9	2572.6	2626.3	2680.1
65°	3723.9	3404.0	3084.1	3044.3	3004.5	3006.5	2796.4	2625.8	2455.0	2475.8	2496.3
67.5°	2884.5	2793.7	2702.6	2724.9	2746.9	2741.4	2623.3	2481.3	2339.2	2332.7	2326.2
70°	2184.9	2210.9	2236.6	2339.7	2442.5	2442.5	2403.7	2302.7	2201.6	2179.1	2156.6
72.5°	1685.4	1763.6	1842.2	1988.3	2134.1	2158.6	2159.1	2089.8	2020.5	1987.5	1954.7
75°	1308.7	1379.7	1450.7	1614.3	1777.9	1891.0	1881.5	1828.2	1774.7	1743.1	1711.4
77.5°	1007.5	1055.8	1104.3	1263.1	1422.0	1608.3	1603.3	1560.5	1517.8	1485.8	1453.7
80°	755.4	775.4	795.4	930.0	1064.3	1286.9	1286.2	1250.4	1214.4	1187.6	1160.6
82.5°	539.8	543.3	547.3	646.3	745.4	935.5	946.0	928.5	911.0	892.0	872.9
85°	326.4	324.7	322.7	395.2	467.7	609.1	622.8	604.1	585.3	564.0	542.8
87.5°	143.1	141.3	139.6	169.1	198.9	257.6	275.1	267.6	260.1	256.1	252.1
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: P956642

CATALOG NUMBER: GALN-SB9B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	6230.4	6192.7	6154.6	6116.9	6087.6	6058.1	6034.3	6010.6	5992.1	5973.5	5956.5
5°	5993.1	5926.0	5865.2	5804.2	5757.4	5710.4	5677.6	5644.9	5621.6	5598.4	5580.6
7.5°	5847.5	5762.9	5688.4	5614.1	5558.3	5502.8	5463.8	5424.8	5398.0	5371.5	5355.5
10°	5837.7	5746.7	5662.9	5579.1	5512.6	5445.8	5402.3	5358.2	5333.0	5307.7	5294.2
12.5°	5983.5	5912.5	5825.7	5739.2	5654.1	5569.1	5512.8	5456.5	5428.3	5400.3	5388.7
15°	6242.2	6223.7	6148.4	6073.1	5952.0	5831.0	5745.4	5659.9	5620.6	5581.6	5566.6
17.5°	6491.8	6549.6	6488.8	6428.3	6267.9	6107.6	5981.5	5855.5	5797.5	5739.2	5720.2
20°	6584.6	6705.9	6677.9	6649.6	6466.3	6283.2	6128.6	5974.3	5900.0	5825.5	5801.7
22.5°	6455.5	6613.4	6630.4	6647.1	6472.0	6297.0	6137.9	5978.5	5900.3	5821.7	5795.5
25°	6155.9	6311.2	6369.2	6427.0	6283.5	6140.1	5998.6	5857.5	5789.4	5721.7	5696.9
27.5°	5790.4	5915.0	5979.5	6044.3	5942.0	5840.0	5730.2	5620.4	5574.8	5529.1	5517.8
30°	5433.0	5536.6	5589.1	5641.6	5563.8	5485.8	5407.3	5328.2	5305.0	5281.4	5281.4
32.5°	5087.8	5187.1	5245.4	5304.0	5232.4	5160.6	5097.8	5035.1	5019.8	5004.5	5006.6
35°	4755.4	4853.7	4923.8	4993.8	4942.8	4892.0	4834.0	4776.2	4752.9	4729.9	4724.9
37.5°	4438.8	4536.8	4623.4	4709.9	4686.4	4662.9	4609.6	4556.1	4513.8	4471.8	4449.5
40°	4139.6	4234.2	4333.7	4433.5	4439.3	4444.8	4399.5	4354.2	4292.7	4231.7	4190.1
42.5°	3863.5	3953.3	4060.8	4168.4	4197.1	4225.9	4187.6	4149.6	4073.3	3997.0	3936.8
45°	3626.3	3711.4	3822.9	3934.5	3975.8	4017.0	3982.5	3948.3	3861.0	3773.9	3703.1
47.5°	3438.8	3521.8	3631.9	3741.9	3789.4	3837.0	3812.9	3788.9	3711.4	3633.9	3568.3
50°	3298.9	3377.2	3475.8	3574.3	3635.4	3696.4	3694.9	3693.9	3631.9	3569.8	3509.3
52.5°	3203.6	3275.4	3367.2	3459.3	3531.5	3603.8	3616.8	3629.8	3579.3	3528.8	3474.5
55°	3142.1	3219.6	3300.2	3380.5	3457.0	3533.8	3551.8	3569.8	3525.8	3481.8	3434.2
57.5°	3065.1	3156.1	3235.6	3315.4	3392.7	3469.8	3488.0	3506.3	3461.8	3417.2	3370.2
60°	2956.5	3061.1	3141.9	3222.9	3300.4	3378.0	3398.0	3418.0	3374.5	3331.2	3282.7
62.5°	2801.9	2924.0	3010.3	3096.6	3167.6	3238.6	3257.9	3277.2	3237.9	3198.6	3147.6
65°	2626.8	2757.7	2840.2	2922.7	2985.3	3047.8	3067.6	3087.1	3049.3	3011.5	2962.0
67.5°	2446.7	2567.6	2645.8	2723.9	2777.9	2831.9	2851.2	2870.2	2835.4	2800.9	2754.9
70°	2262.7	2368.7	2436.2	2503.8	2552.6	2601.3	2619.8	2638.3	2610.1	2581.8	2537.8
72.5°	2038.3	2121.6	2182.6	2243.6	2291.4	2339.2	2361.2	2383.2	2359.7	2336.2	2294.2
75°	1773.4	1835.4	1890.7	1946.0	1989.5	2033.0	2056.0	2079.1	2067.6	2056.0	2020.8
77.5°	1504.3	1554.5	1602.1	1649.6	1695.4	1740.9	1762.4	1783.9	1767.9	1751.4	1715.9
80°	1202.6	1244.4	1284.4	1324.4	1359.2	1393.7	1422.2	1450.7	1443.7	1437.0	1389.2
82.5°	869.4	865.9	851.9	837.9	912.0	986.0	1034.5	1083.1	1080.1	1076.8	1036.5
85°	524.8	506.5	467.7	429.0	498.3	567.8	627.8	687.9	682.8	677.8	646.3
87.5°	251.4	250.6	221.1	191.3	220.4	249.6	273.9	298.2	292.1	285.6	269.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P956642

CATALOG NUMBER: GALN-SB9B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	5939.3	5918.0	5939.3	5956.5	5973.5	5992.1	6010.6	6034.3	6058.1	6087.6	6116.9
5°	5562.8	5545.3	5562.8	5580.6	5598.4	5621.6	5644.9	5677.6	5710.4	5757.4	5804.2
7.5°	5339.7	5327.7	5339.7	5355.5	5371.5	5398.0	5424.8	5463.8	5502.8	5558.3	5614.1
10°	5280.7	5275.2	5280.7	5294.2	5307.7	5333.0	5358.2	5402.3	5445.8	5512.6	5579.1
12.5°	5377.2	5375.2	5377.2	5388.7	5400.3	5428.3	5456.5	5512.8	5569.1	5654.1	5739.2
15°	5551.6	5550.3	5551.6	5566.6	5581.6	5620.6	5659.9	5745.4	5831.0	5952.0	6073.1
17.5°	5700.9	5697.9	5700.9	5720.2	5739.2	5797.5	5855.5	5981.5	6107.6	6267.9	6428.3
20°	5777.9	5770.4	5777.9	5801.7	5825.5	5900.0	5974.3	6128.6	6283.2	6466.3	6649.6
22.5°	5769.2	5757.9	5769.2	5795.5	5821.7	5900.3	5978.5	6137.9	6297.0	6472.0	6647.1
25°	5672.4	5657.9	5672.4	5696.9	5721.7	5789.4	5857.5	5998.6	6140.1	6283.5	6427.0
27.5°	5506.6	5502.8	5506.6	5517.8	5529.1	5574.8	5620.4	5730.2	5840.0	5942.0	6044.3
30°	5281.4	5285.2	5281.4	5281.4	5281.4	5305.0	5328.2	5407.3	5485.8	5563.8	5641.6
32.5°	5008.8	5012.6	5008.8	5006.6	5004.5	5019.8	5035.1	5097.8	5160.6	5232.4	5304.0
35°	4719.9	4717.4	4719.9	4724.9	4729.9	4752.9	4776.2	4834.0	4892.0	4942.8	4993.8
37.5°	4427.3	4414.7	4427.3	4449.5	4471.8	4513.8	4556.1	4609.6	4662.9	4686.4	4709.9
40°	4149.1	4124.6	4149.1	4190.1	4231.7	4292.7	4354.2	4399.5	4444.8	4439.3	4433.5
42.5°	3876.5	3837.0	3876.5	3936.8	3997.0	4073.3	4149.6	4187.6	4225.9	4197.1	4168.4
45°	3632.4	3586.8	3632.4	3703.1	3773.9	3861.0	3948.3	3982.5	4017.0	3975.8	3934.5
47.5°	3503.0	3459.3	3503.0	3568.3	3633.9	3711.4	3788.9	3812.9	3837.0	3789.4	3741.9
50°	3448.8	3406.7	3448.8	3509.3	3569.8	3631.9	3693.9	3694.9	3696.4	3635.4	3574.3
52.5°	3420.5	3381.7	3420.5	3474.5	3528.8	3579.3	3629.8	3616.8	3603.8	3531.5	3459.3
55°	3386.7	3351.7	3386.7	3434.2	3481.8	3525.8	3569.8	3551.8	3533.8	3457.0	3380.5
57.5°	3322.9	3286.7	3322.9	3370.2	3417.2	3461.8	3506.3	3488.0	3469.8	3392.7	3315.4
60°	3234.1	3196.6	3234.1	3282.7	3331.2	3374.5	3418.0	3398.0	3378.0	3300.4	3222.9
62.5°	3096.6	3051.6	3096.6	3147.6	3198.6	3237.9	3277.2	3257.9	3238.6	3167.6	3096.6
65°	2912.7	2874.0	2912.7	2962.0	3011.5	3049.3	3087.1	3067.6	3047.8	2985.3	2922.7
67.5°	2708.9	2673.9	2708.9	2754.9	2800.9	2835.4	2870.2	2851.2	2831.9	2777.9	2723.9
70°	2493.8	2453.8	2493.8	2537.8	2581.8	2610.1	2638.3	2619.8	2601.3	2552.6	2503.8
72.5°	2252.4	2213.6	2252.4	2294.2	2336.2	2359.7	2383.2	2361.2	2339.2	2291.4	2243.6
75°	1985.5	1948.5	1985.5	2020.8	2056.0	2067.6	2079.1	2056.0	2033.0	1989.5	1946.0
77.5°	1680.4	1650.8	1680.4	1715.9	1751.4	1767.9	1783.9	1762.4	1740.9	1695.4	1649.6
80°	1341.2	1285.7	1341.2	1389.2	1437.0	1443.7	1450.7	1422.2	1393.7	1359.2	1324.4
82.5°	996.0	960.5	996.0	1036.5	1076.8	1080.1	1083.1	1034.5	986.0	912.0	837.9
85°	614.8	582.8	614.8	646.3	677.8	682.8	687.9	627.8	567.8	498.3	429.0
87.5°	253.1	237.6	253.1	269.6	285.6	292.1	298.2	273.9	249.6	220.4	191.3
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: P956642

CATALOG NUMBER: GALN-SB9B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	6154.6	6192.7	6230.4	6268.2	6311.2	6354.5	6402.3	6450.3	6509.6	6562.8	6617.9
5°	5865.2	5926.0	5993.1	6060.1	6135.9	6211.9	6302.7	6393.3	6497.1	6602.1	6713.4
7.5°	5688.4	5762.9	5847.5	5931.8	6031.8	6131.9	6252.2	6372.7	6507.1	6650.4	6805.7
10°	5662.9	5746.7	5837.7	5928.5	6028.6	6128.6	6255.7	6382.8	6527.1	6703.9	6888.0
12.5°	5825.7	5912.5	5983.5	6055.1	6121.1	6187.7	6291.2	6395.3	6529.6	6715.4	6923.3
15°	6148.4	6223.7	6242.2	6260.7	6251.7	6242.7	6292.2	6342.0	6449.5	6655.4	6896.0
17.5°	6488.8	6549.6	6491.8	6433.8	6324.7	6215.7	6197.7	6179.4	6245.7	6487.8	6777.2
20°	6677.9	6705.9	6584.6	6463.3	6273.7	6084.3	5999.3	5914.3	5931.8	6213.7	6572.3
22.5°	6630.4	6613.4	6455.5	6297.7	6081.1	5865.0	5739.2	5613.4	5579.1	5900.0	6332.0
25°	6369.2	6311.2	6155.9	6000.6	5806.0	5611.6	5466.5	5321.5	5228.9	5557.8	6063.6
27.5°	5979.5	5915.0	5790.4	5665.9	5506.3	5346.5	5206.4	5066.3	4953.8	5253.2	5818.2
30°	5589.1	5536.6	5433.0	5329.7	5197.1	5064.6	4953.0	4842.0	4753.7	5005.0	5613.1
32.5°	5245.4	5187.1	5087.8	4988.8	4882.7	4776.9	4711.2	4645.4	4606.1	4808.7	5436.3
35°	4923.8	4853.7	4755.4	4657.4	4576.8	4496.0	4477.8	4459.8	4476.0	4644.9	5262.4
37.5°	4623.4	4536.8	4438.8	4341.0	4283.2	4225.2	4245.2	4265.2	4324.7	4472.3	5057.8
40°	4333.7	4234.2	4139.6	4045.1	4003.3	3961.5	4006.8	4052.1	4143.4	4277.2	4813.7
42.5°	4060.8	3953.3	3863.5	3773.9	3739.7	3705.6	3765.7	3825.7	3940.8	4064.1	4544.3
45°	3822.9	3711.4	3626.3	3541.3	3512.3	3483.8	3542.1	3600.6	3711.9	3837.0	4258.2
47.5°	3631.9	3521.8	3438.8	3355.5	3328.7	3301.7	3350.7	3399.7	3495.5	3656.9	4031.8
50°	3475.8	3377.2	3298.9	3220.4	3178.1	3136.1	3179.4	3222.9	3334.2	3546.3	3881.5
52.5°	3367.2	3275.4	3203.6	3131.6	3068.6	3005.3	3048.1	3091.1	3246.7	3490.5	3782.4
55°	3300.2	3219.6	3142.1	3064.6	2975.0	2885.2	2953.0	3021.0	3255.4	3482.3	3710.6
57.5°	3235.6	3156.1	3065.1	2974.0	2877.5	2780.9	2880.0	2979.0	3264.2	3464.3	3625.6
60°	3141.9	3061.1	2956.5	2852.0	2767.4	2682.6	2811.2	2939.5	3236.6	3368.7	3495.5
62.5°	3010.3	2924.0	2801.9	2680.1	2626.3	2572.6	2732.9	2893.5	3169.1	3185.4	3269.4
65°	2840.2	2757.7	2626.8	2496.3	2475.8	2455.0	2625.8	2796.4	3006.5	3004.5	3044.3
67.5°	2645.8	2567.6	2446.7	2326.2	2332.7	2339.2	2481.3	2623.3	2741.4	2746.9	2724.9
70°	2436.2	2368.7	2262.7	2156.6	2179.1	2201.6	2302.7	2403.7	2442.5	2442.5	2339.7
72.5°	2182.6	2121.6	2038.3	1954.7	1987.5	2020.5	2089.8	2159.1	2158.6	2134.1	1988.3
75°	1890.7	1835.4	1773.4	1711.4	1743.1	1774.7	1828.2	1881.5	1891.0	1777.9	1614.3
77.5°	1602.1	1554.5	1504.3	1453.7	1485.8	1517.8	1560.5	1603.3	1608.3	1422.0	1263.1
80°	1284.4	1244.4	1202.6	1160.6	1187.6	1214.4	1250.4	1286.2	1286.9	1064.3	930.0
82.5°	851.9	865.9	869.4	872.9	892.0	911.0	928.5	946.0	935.5	745.4	646.3
85°	467.7	506.5	524.8	542.8	564.0	585.3	604.1	622.8	609.1	467.7	395.2
87.5°	221.1	250.6	251.4	252.1	256.1	260.1	267.6	275.1	257.6	198.9	169.1
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: P956642

CATALOG NUMBER: GALN-SB9B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3	6518.3
2.5°	6672.9	6730.4	6788.0	6845.0	6902.3	6956.0	7009.8
5°	6824.7	6943.8	7063.1	7181.4	7300.0	7418.8	7537.6
7.5°	6961.0	7137.4	7313.7	7494.8	7675.9	7871.8	8067.9
10°	7071.6	7286.0	7500.1	7739.2	7978.6	8226.4	8474.3
12.5°	7131.1	7383.8	7636.4	7907.5	8178.7	8450.8	8723.2
15°	7136.6	7427.5	7718.4	8012.6	8306.7	8590.6	8874.5
17.5°	7066.6	7404.3	7741.9	8062.9	8383.8	8671.7	8959.6
20°	6931.0	7340.2	7749.4	8102.1	8454.8	8754.2	9053.4
22.5°	6763.9	7261.7	7759.5	8155.2	8550.6	8856.5	9162.2
25°	6569.6	7184.2	7799.0	8251.2	8703.2	9002.6	9302.2
27.5°	6383.3	7132.4	7881.5	8401.3	8920.8	9206.7	9492.3
30°	6221.2	7108.1	7994.6	8595.6	9196.7	9472.6	9748.7
32.5°	6063.6	7078.1	8092.1	8798.5	9504.8	9778.0	10051.4
35°	5880.0	7021.6	8163.7	9029.6	9895.5	10157.4	10419.1
37.5°	5643.4	6924.8	8206.2	9288.5	10370.8	10704.5	11038.1
40°	5350.2	6791.5	8232.9	9617.1	11001.1	11487.4	11973.6
42.5°	5024.6	6653.9	8283.7	10047.1	11810.5	12512.4	13214.2
45°	4679.4	6526.1	8373.0	10612.9	12852.8	13799.5	14746.3
47.5°	4406.7	6420.5	8434.3	11215.7	13997.1	15329.8	16662.2
50°	4216.6	6305.5	8394.3	11775.0	15155.7	17164.7	19173.5
52.5°	4074.6	6111.1	8147.9	12138.2	16128.2	19092.2	22056.2
55°	3939.0	5788.9	7638.9	12058.1	16477.1	20801.1	25125.3
57.5°	3786.9	5334.7	6882.3	11494.9	16107.7	22012.2	27916.7
60°	3622.3	4744.9	5867.5	10446.6	15025.7	22314.9	29603.8
62.5°	3353.7	4039.1	4724.4	9029.1	13333.8	21040.5	28747.1
65°	3084.1	3404.0	3723.9	7582.9	11442.1	19237.3	27032.5
67.5°	2702.6	2793.7	2884.5	6166.1	9447.8	17091.5	24735.1
70°	2236.6	2210.9	2184.9	4855.0	7525.1	14750.0	21974.9
72.5°	1842.2	1763.6	1685.4	3711.6	5737.9	12211.7	18685.8
75°	1450.7	1379.7	1308.7	2693.9	4079.1	9302.0	14524.9
77.5°	1104.3	1055.8	1007.5	1825.4	2643.3	6510.6	10377.8
80°	795.4	775.4	755.4	1176.1	1597.1	4194.6	6792.2
82.5°	547.3	543.3	539.8	723.4	907.5	2427.7	3948.3
85°	322.7	324.7	326.4	386.7	447.2	1092.1	1737.1
87.5°	139.6	141.3	143.1	160.3	177.6	357.7	537.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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