

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: P950216

Luminaire Tested: **GALN-SB4D-727-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950216
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-SB4D-727-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37692 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 293.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

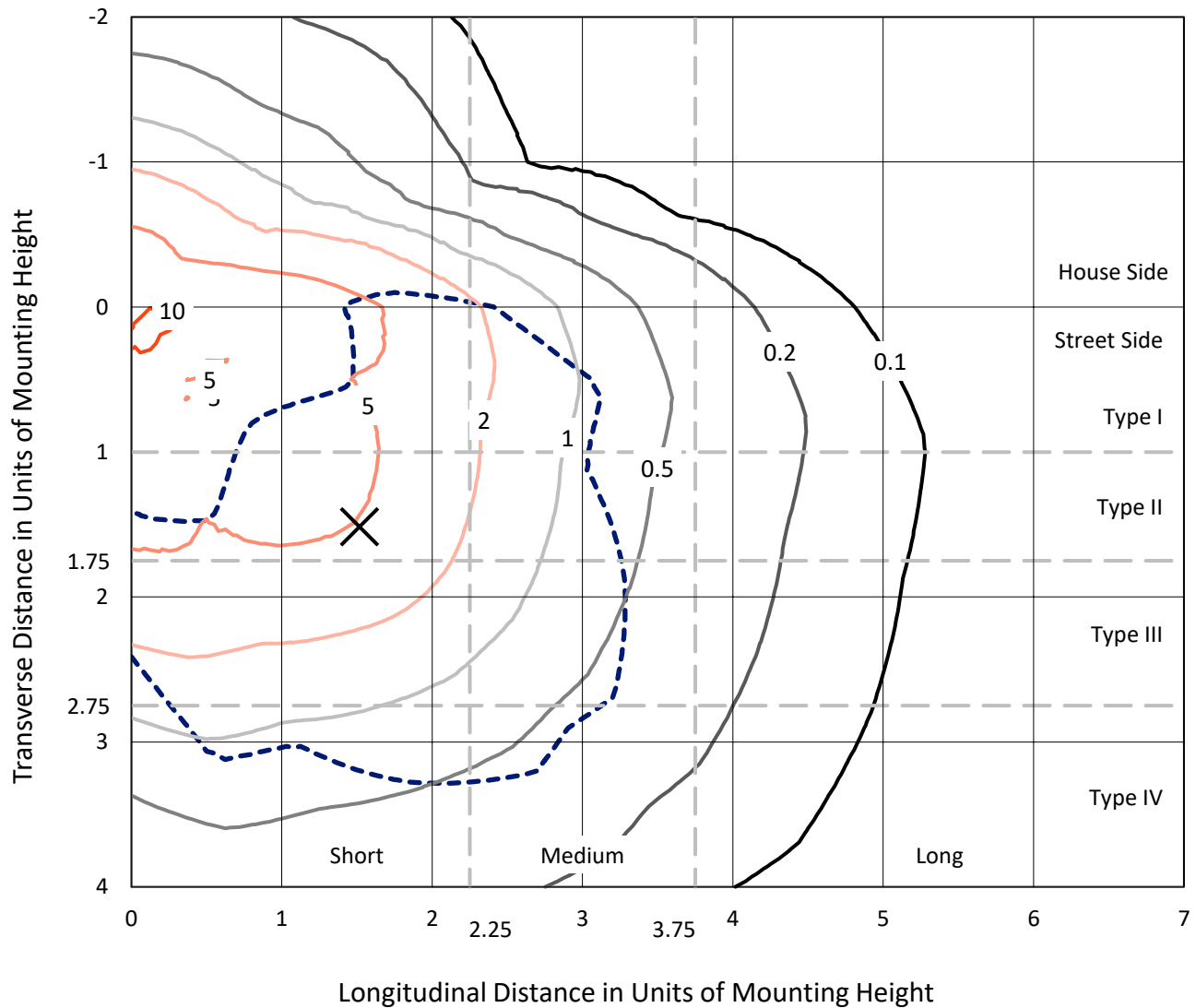


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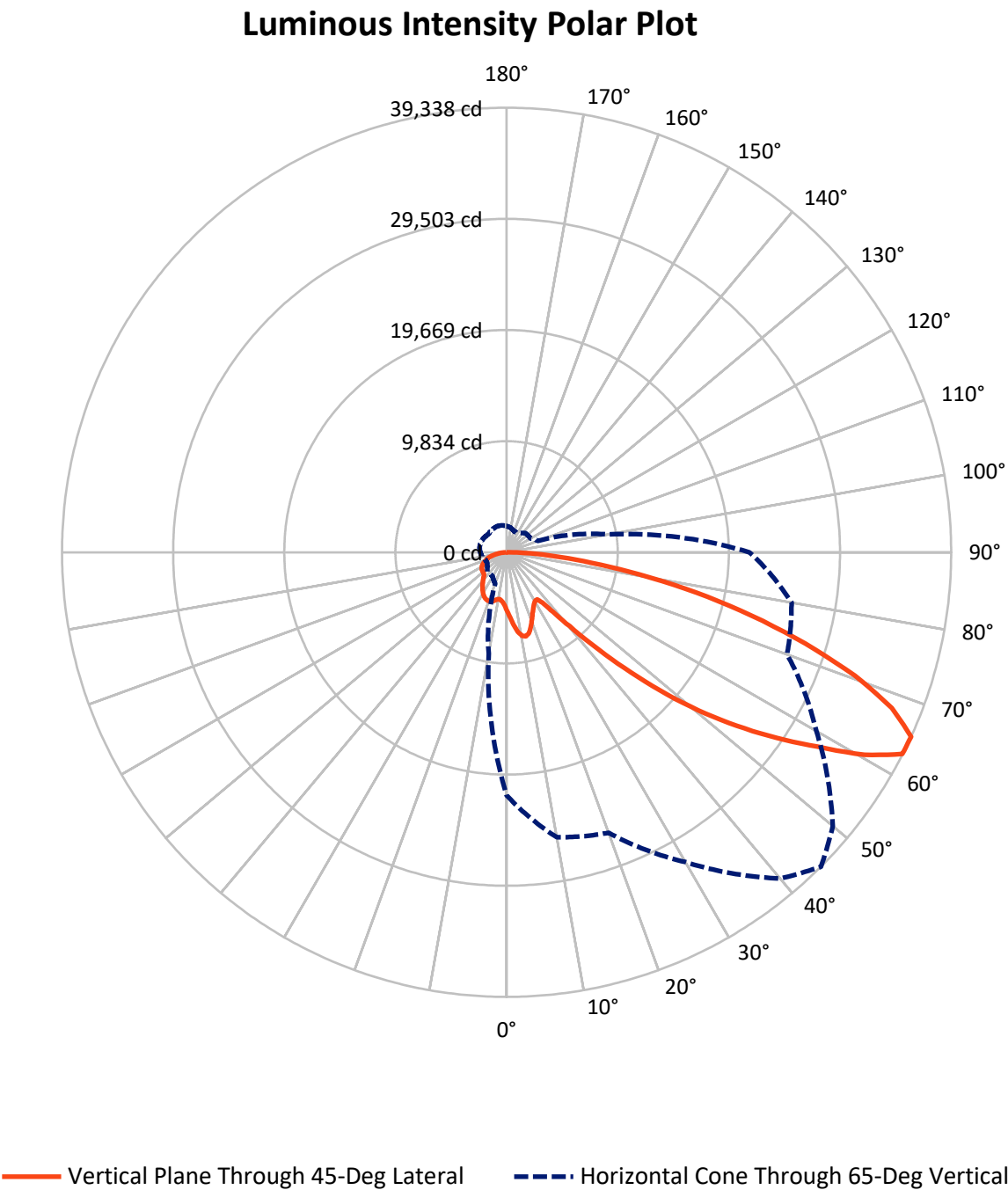
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd



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

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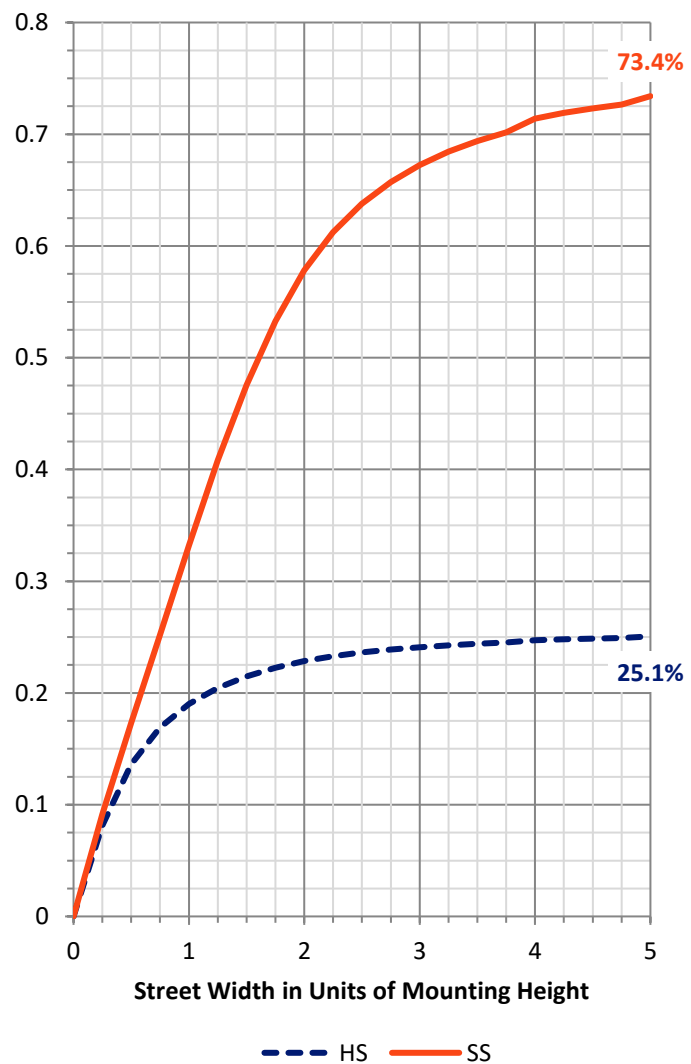
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9579.4	0.0	9579.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	28112.6	0.0	28112.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	37692.0	0.0	37692.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	514.1	1.4
10°-20°	1614.0	4.3
20°-30°	2493.1	6.6
30°-40°	3159.4	8.4
40°-50°	4765.1	12.6
50°-60°	7698.8	20.4
60°-70°	9597.8	25.5
70°-80°	6293.7	16.7
80°-90°	1556.0	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°	37692.0	100.0
0°-180°	37692.0	100.0

Coefficient of Utilization



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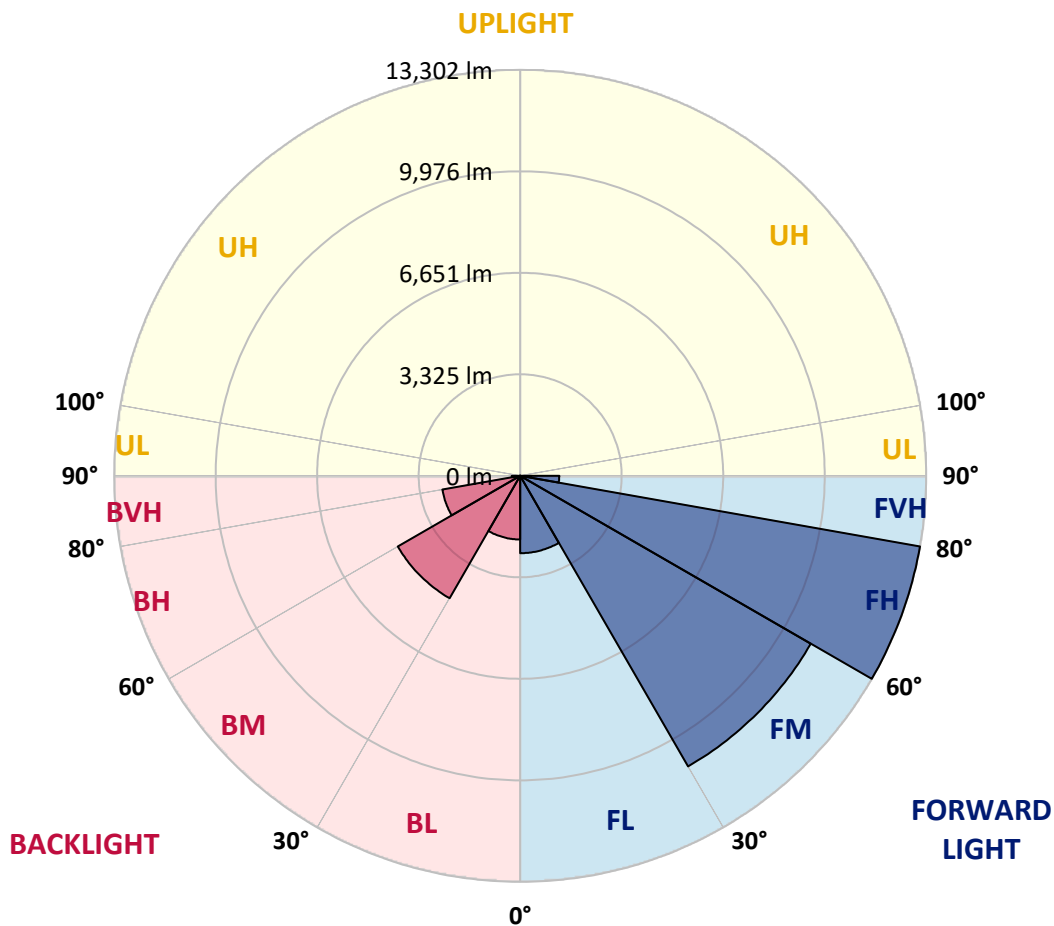
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2535.2	6.7			
FM	(30°-60°)	10993.9	29.2			
FH	(60°-80°)	13301.7	35.3			G5
FVH	(80°-90°)	1281.8	3.4			G5
BL	(0°-30°)	2086.0	5.5	B3/2500		
BM	(30°-60°)	4629.4	12.3	B3/5000		
BH	(60°-80°)	2589.8	6.9	B4/5000		G4/5000
BVH	(80°-90°)	274.2	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°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	5573.8	5594.9	5616.1	5646.2	5676.2	5694.1	5712.0	5721.0	5729.9	5725.9	5729.9
5°	5993.4	6067.2	6141.2	6214.4	6287.8	6327.6	6367.3	6391.4	6415.7	6434.0	6415.7
7.5°	6415.1	6535.2	6655.1	6763.1	6871.1	6936.2	7001.2	7036.4	7071.4	7088.3	7071.4
10°	6738.3	6880.3	7022.3	7149.0	7275.7	7352.4	7428.8	7463.0	7497.0	7509.9	7497.0
12.5°	6936.2	7090.1	7243.8	7358.4	7472.6	7528.2	7583.9	7602.6	7621.3	7623.3	7621.3
15°	7056.5	7189.3	7322.0	7393.8	7465.8	7467.8	7469.8	7449.9	7430.0	7406.5	7430.0
17.5°	7124.1	7213.8	7303.5	7304.9	7306.1	7225.5	7145.0	7071.2	6997.2	6945.1	6997.2
20°	7198.7	7229.9	7261.3	7166.9	7072.4	6894.6	6716.8	6587.3	6457.8	6378.3	6457.8
22.5°	7285.2	7244.2	7203.3	7007.6	6811.9	6550.3	6288.8	6126.9	5965.0	5877.1	5965.0
25°	7396.6	7267.3	7138.0	6840.9	6543.8	6226.1	5908.5	5738.3	5568.4	5485.3	5568.4
27.5°	7547.7	7316.6	7085.3	6691.7	6298.3	5946.3	5594.3	5426.8	5259.5	5181.0	5259.5
30°	7751.6	7406.9	7062.4	6578.0	6093.5	5726.7	5360.0	5204.7	5049.3	4976.1	5049.3
32.5°	7992.2	7520.3	7048.5	6500.4	5952.3	5607.6	5262.9	5141.0	5018.9	4966.2	5018.9
35°	8284.6	7707.0	7129.7	6558.5	5987.5	5748.0	5508.8	5480.3	5451.9	5447.5	5451.9
37.5°	8776.8	8097.5	7418.1	6899.0	6379.9	6364.4	6348.8	6478.9	6609.0	6676.6	6609.0
40°	9520.7	8781.8	8043.0	7656.9	7270.9	7543.4	7815.8	8132.1	8448.3	8605.8	8448.3
42.5°	10507.2	9774.1	9041.0	8818.6	8596.3	9190.5	9784.8	10360.0	10935.2	11272.9	10935.2
45°	11725.3	11066.8	10408.1	10310.1	10211.8	11163.9	12116.1	13061.3	14006.6	14580.3	14006.6
47.5°	13248.8	12608.2	11967.4	11947.5	11927.6	13301.1	14674.2	16057.9	17441.3	18253.8	17441.3
50°	15245.6	14454.3	13663.1	13666.5	13669.8	15439.9	17210.0	19036.4	20862.8	21967.0	20862.8
52.5°	17537.8	16579.6	15621.5	15524.7	15427.6	17542.0	19656.3	21916.1	24175.6	25499.2	24175.6
55°	19978.1	19031.4	18084.7	17707.0	17329.4	19682.6	22035.6	24729.5	27423.4	28997.6	27423.4
57.5°	22197.7	21682.2	21166.5	20408.9	19651.5	22027.6	24403.7	27455.0	30506.2	32458.2	30506.2
60°	23539.2	24339.9	25140.8	24200.1	23259.3	25508.0	27756.6	31023.5	34290.4	36400.2	34290.4
62.5°	22858.0	25045.9	27233.9	27127.9	27021.7	29081.5	31141.6	34249.8	37357.8	39307.9	37357.8
65°	21494.6	23548.1	25601.6	26008.0	26414.1	29031.8	31649.8	34663.7	37677.4	39337.7	37677.4
67.5°	19667.9	21620.9	23574.0	23764.5	23954.8	26682.4	29409.7	32436.6	35463.4	36764.1	35463.4
70°	17473.1	19597.5	21722.0	21807.1	21892.4	24331.5	26770.5	29375.3	31979.9	32702.9	31979.9
72.5°	14857.8	17295.5	19733.5	19794.7	19855.8	21764.1	23672.4	25623.3	27574.0	27647.2	27574.0
75°	11549.3	14072.4	16595.5	16822.0	17048.5	18533.2	20017.9	21391.2	22764.5	22396.6	22764.5
77.5°	8251.8	10607.0	12962.4	13286.6	13610.8	14739.5	15868.1	16842.1	17816.2	17183.8	17816.2
80°	5400.8	7382.3	9363.6	9766.5	10169.4	11021.9	11873.9	12385.4	12896.8	11879.5	12896.8
82.5°	3139.4	4494.0	5848.8	6298.9	6749.2	7335.9	7922.6	8136.0	8349.2	7549.7	8349.2
85°	1381.3	2100.2	2819.2	3202.1	3584.9	4067.0	4548.9	4670.0	4791.2	4150.8	4791.2
87.5°	427.6	669.3	910.9	1124.5	1338.1	1579.2	1820.2	1830.5	1840.7	1545.3	1840.7
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°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	5721.0	5712.0	5694.1	5676.2	5646.2	5616.1	5594.9	5573.8	5531.0	5488.3	5442.7
5°	6391.4	6367.3	6327.6	6287.8	6214.4	6141.2	6067.2	5993.4	5899.0	5804.5	5710.2
7.5°	7036.4	7001.2	6936.2	6871.1	6763.1	6655.1	6535.2	6415.1	6259.1	6103.4	5959.4
10°	7463.0	7428.8	7352.4	7275.7	7149.0	7022.3	6880.3	6738.3	6541.2	6344.1	6153.7
12.5°	7602.6	7583.9	7528.2	7472.6	7358.4	7243.8	7090.1	6936.2	6719.6	6503.2	6287.6
15°	7449.9	7469.8	7467.8	7465.8	7393.8	7322.0	7189.3	7056.5	6830.7	6605.0	6371.1
17.5°	7071.2	7145.0	7225.5	7306.1	7304.9	7303.5	7213.8	7124.1	6895.2	6666.3	6411.1
20°	6587.3	6716.8	6894.6	7072.4	7166.9	7261.3	7229.9	7198.7	6960.8	6722.8	6442.3
22.5°	6126.9	6288.8	6550.3	6811.9	7007.6	7203.3	7244.2	7285.2	7042.2	6798.9	6484.5
25°	5738.3	5908.5	6226.1	6543.8	6840.9	7138.0	7267.3	7396.6	7158.3	6920.2	6560.9
27.5°	5426.8	5594.3	5946.3	6298.3	6691.7	7085.3	7316.6	7547.7	7320.6	7093.3	6680.2
30°	5204.7	5360.0	5726.7	6093.5	6578.0	7062.4	7406.9	7751.6	7532.0	7312.6	6834.7
32.5°	5141.0	5262.9	5607.6	5952.3	6500.4	7048.5	7520.3	7992.2	7774.9	7557.7	6996.0
35°	5480.3	5508.8	5748.0	5987.5	6558.5	7129.7	7707.0	8284.6	8076.6	7868.3	7179.8
37.5°	6478.9	6348.8	6364.4	6379.9	6899.0	7418.1	8097.5	8776.8	8511.5	8246.2	7385.6
40°	8132.1	7815.8	7543.4	7270.9	7656.9	8043.0	8781.8	9520.7	9134.0	8747.4	7647.0
42.5°	10360.0	9784.8	9190.5	8596.3	8818.6	9041.0	9774.1	10507.2	9949.1	9391.0	7988.9
45°	13061.3	12116.1	11163.9	10211.8	10310.1	10408.1	11066.8	11725.3	10972.6	10219.8	8438.7
47.5°	16057.9	14674.2	13301.1	11927.6	11947.5	11967.4	12608.2	13248.8	12189.3	11129.7	8918.1
50°	19036.4	17210.0	15439.9	13669.8	13666.5	13663.1	14454.3	15245.6	13648.4	12050.9	9362.8
52.5°	21916.1	19656.3	17542.0	15427.6	15524.7	15621.5	16579.6	17537.8	15181.0	12824.2	9651.5
55°	24729.5	22035.6	19682.6	17329.4	17707.0	18084.7	19031.4	19978.1	16539.8	13101.6	9587.9
57.5°	27455.0	24403.7	22027.6	19651.5	20408.9	21166.5	21682.2	22197.7	17502.8	12807.9	9140.0
60°	31023.5	27756.6	25508.0	23259.3	24200.1	25140.8	24339.9	23539.2	17743.4	11947.5	8306.5
62.5°	34249.8	31141.6	29081.5	27021.7	27127.9	27233.9	25045.9	22858.0	16730.1	10602.2	7179.4
65°	34663.7	31649.8	29031.8	26414.1	26008.0	25601.6	23548.1	21494.6	15296.3	9098.0	6029.4
67.5°	32436.6	29409.7	26682.4	23954.8	23764.5	23574.0	21620.9	19667.9	13590.1	7512.3	4902.9
70°	29375.3	26770.5	24331.5	21892.4	21807.1	21722.0	19597.5	17473.1	11728.3	5983.5	3860.4
72.5°	25623.3	23672.4	21764.1	19855.8	19794.7	19733.5	17295.5	14857.8	9710.0	4562.4	2951.3
75°	21391.2	20017.9	18533.2	17048.5	16822.0	16595.5	14072.4	11549.3	7396.4	3243.4	2142.0
77.5°	16842.1	15868.1	14739.5	13610.8	13286.6	12962.4	10607.0	8251.8	5176.8	2101.8	1451.5
80°	12385.4	11873.9	11021.9	10169.4	9766.5	9363.6	7382.3	5400.8	3335.3	1269.9	935.2
82.5°	8136.0	7922.6	7335.9	6749.2	6298.9	5848.8	4494.0	3139.4	1930.4	721.6	575.2
85°	4670.0	4548.9	4067.0	3584.9	3202.1	2819.2	2100.2	1381.3	868.3	355.6	307.5
87.5°	1830.5	1820.2	1579.2	1338.1	1124.5	910.9	669.3	427.6	284.4	141.2	127.5
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°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	5397.4	5351.6	5305.9	5262.1	5218.4	5176.0	5128.9	5090.7	5052.7	5018.3	4984.1
5°	5616.1	5521.3	5426.6	5338.1	5249.6	5166.1	5083.5	5011.5	4939.3	4878.9	4818.6
7.5°	5815.4	5675.2	5535.0	5411.5	5288.0	5174.0	5067.2	4971.4	4875.7	4796.1	4716.6
10°	5963.6	5793.4	5622.9	5476.9	5330.5	5189.9	5075.2	4974.1	4873.1	4793.6	4714.0
12.5°	6072.0	5871.1	5670.2	5505.0	5339.7	5191.9	5085.1	5002.4	4920.0	4867.1	4814.6
15°	6137.2	5905.9	5674.6	5483.3	5292.0	5128.3	5042.8	5003.2	4963.8	4971.0	4978.1
17.5°	6155.9	5887.4	5618.9	5388.8	5158.7	4966.2	4913.5	4928.0	4942.3	5029.0	5115.8
20°	6161.9	5836.5	5511.1	5225.9	4940.7	4716.6	4702.7	4770.3	4837.9	4988.5	5139.2
22.5°	6169.8	5774.1	5378.3	5034.8	4691.3	4436.2	4463.4	4563.4	4663.5	4835.3	5007.6
25°	6201.3	5712.4	5223.7	4821.4	4419.3	4157.7	4231.3	4346.7	4462.0	4616.5	4771.3
27.5°	6266.9	5671.2	5075.6	4626.3	4177.0	3938.9	4028.4	4139.8	4251.2	4378.3	4505.2
30°	6356.8	5651.9	4946.7	4463.2	3979.7	3779.8	3850.0	3938.3	4027.0	4132.5	4237.9
32.5°	6434.4	5628.1	4821.4	4322.6	3823.6	3662.5	3693.7	3746.0	3798.3	3882.5	3966.8
35°	6491.2	5583.1	4675.4	4184.4	3693.3	3559.1	3546.1	3560.5	3575.0	3639.2	3703.3
37.5°	6525.1	5506.2	4487.3	4021.7	3556.1	3438.7	3391.4	3375.5	3359.6	3405.7	3451.7
40°	6546.3	5400.2	4254.2	3827.6	3401.0	3294.6	3222.0	3186.0	3150.0	3183.2	3216.4
42.5°	6586.7	5290.8	3995.2	3613.4	3231.5	3133.5	3042.0	2994.2	2946.5	2973.5	3000.8
45°	6657.7	5189.1	3720.8	3385.8	3050.9	2951.5	2863.0	2816.4	2770.1	2792.8	2815.8
47.5°	6706.4	5105.2	3504.0	3205.8	2907.7	2779.4	2703.3	2664.3	2625.3	2646.8	2668.1
50°	6674.6	5013.7	3352.8	3086.3	2819.8	2651.2	2562.6	2528.0	2493.6	2527.0	2560.7
52.5°	6478.7	4859.2	3239.9	3007.6	2775.5	2581.5	2457.8	2423.6	2389.6	2439.9	2490.1
55°	6074.0	4603.0	3132.1	2950.5	2768.9	2588.5	2402.1	2348.1	2294.2	2365.6	2436.8
57.5°	5472.4	4241.8	3011.1	2882.9	2754.6	2595.5	2368.7	2290.0	2211.2	2288.0	2364.8
60°	4665.5	3772.9	2880.3	2779.4	2678.6	2573.6	2337.3	2235.3	2133.1	2200.5	2267.7
62.5°	3756.6	3211.6	2666.7	2599.6	2532.8	2519.9	2300.7	2173.0	2045.5	2088.3	2131.1
65°	2961.0	2706.6	2452.3	2420.6	2389.0	2390.6	2223.5	2087.9	1952.1	1968.6	1984.9
67.5°	2293.6	2221.4	2149.0	2166.7	2184.2	2179.8	2085.9	1973.0	1860.0	1854.8	1849.6
70°	1737.3	1758.0	1778.4	1860.4	1942.1	1942.1	1911.3	1830.9	1750.6	1732.7	1714.8
72.5°	1340.1	1402.3	1464.8	1580.9	1696.9	1716.4	1716.8	1661.7	1606.6	1580.3	1554.3
75°	1040.6	1097.1	1153.5	1283.6	1413.7	1503.6	1496.0	1453.7	1411.1	1386.0	1360.8
77.5°	801.1	839.5	878.1	1004.4	1130.7	1278.8	1274.9	1240.9	1206.8	1181.4	1155.9
80°	600.6	616.5	632.5	739.5	846.3	1023.3	1022.7	994.2	965.6	944.3	922.8
82.5°	429.2	432.0	435.2	513.9	592.7	743.8	752.2	738.3	724.3	709.2	694.1
85°	259.5	258.2	256.6	314.2	371.9	484.3	495.2	480.3	465.4	448.5	431.6
87.5°	113.8	112.4	111.0	134.4	158.1	204.9	218.8	212.8	206.8	203.7	200.5
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: P950216

CATALOG NUMBER: GALN-SB4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	4954.1	4924.0	4893.8	4863.8	4840.5	4817.0	4798.1	4779.2	4764.5	4749.8	4736.3
5°	4765.3	4712.0	4663.7	4615.2	4578.0	4540.6	4514.5	4488.5	4470.0	4451.5	4437.4
7.5°	4649.6	4582.3	4523.1	4464.0	4419.6	4375.5	4344.5	4313.4	4292.2	4271.1	4258.4
10°	4641.8	4569.4	4502.8	4436.2	4383.3	4330.2	4295.5	4260.5	4240.5	4220.4	4209.6
12.5°	4757.8	4701.3	4632.3	4563.4	4495.8	4428.2	4383.5	4338.7	4316.2	4294.0	4284.8
15°	4963.4	4948.7	4888.8	4829.0	4732.7	4636.4	4568.4	4500.4	4469.2	4438.1	4426.2
17.5°	5161.9	5207.8	5159.5	5111.4	4983.9	4856.4	4756.2	4655.9	4609.8	4563.4	4548.3
20°	5235.7	5332.1	5309.9	5287.4	5141.6	4996.0	4873.1	4750.4	4691.3	4632.1	4613.2
22.5°	5133.1	5258.6	5272.1	5285.4	5146.2	5007.0	4880.5	4753.8	4691.5	4629.1	4608.2
25°	4894.8	5018.3	5064.4	5110.4	4996.2	4882.3	4769.7	4657.5	4603.4	4549.5	4529.8
27.5°	4604.2	4703.3	4754.6	4806.1	4724.7	4643.6	4556.3	4469.0	4432.8	4396.4	4387.4
30°	4320.0	4402.3	4444.1	4485.9	4424.0	4362.0	4299.5	4236.7	4218.2	4199.5	4199.5
32.5°	4045.5	4124.5	4170.8	4217.4	4160.5	4103.4	4053.5	4003.6	3991.4	3979.3	3980.9
35°	3781.2	3859.4	3915.1	3970.8	3930.2	3889.8	3843.7	3797.7	3779.2	3760.9	3757.0
37.5°	3529.4	3607.4	3676.2	3745.0	3726.3	3707.6	3665.3	3622.7	3589.1	3555.7	3538.0
40°	3291.6	3366.7	3445.9	3525.3	3529.8	3534.2	3498.2	3462.2	3413.3	3364.8	3331.7
42.5°	3072.0	3143.4	3228.9	3314.4	3337.3	3360.2	3329.8	3299.5	3238.9	3178.2	3130.3
45°	2883.5	2951.1	3039.8	3128.5	3161.3	3194.1	3166.7	3139.4	3070.0	3000.8	2944.5
47.5°	2734.3	2800.3	2887.8	2975.3	3013.1	3050.9	3031.8	3012.7	2951.1	2889.4	2837.3
50°	2623.1	2685.4	2763.7	2842.1	2890.6	2939.1	2937.9	2937.2	2887.8	2838.5	2790.4
52.5°	2547.3	2604.4	2677.4	2750.6	2808.1	2865.6	2875.9	2886.2	2846.1	2805.9	2762.7
55°	2498.4	2560.1	2624.1	2687.9	2748.8	2809.9	2824.2	2838.5	2803.5	2768.5	2730.7
57.5°	2437.2	2509.5	2572.8	2636.2	2697.7	2758.9	2773.5	2788.0	2752.6	2717.2	2679.8
60°	2350.8	2434.0	2498.2	2562.6	2624.3	2686.0	2701.9	2717.8	2683.2	2648.8	2610.2
62.5°	2227.9	2325.0	2393.6	2462.2	2518.7	2575.2	2590.5	2605.8	2574.6	2543.4	2502.8
65°	2088.7	2192.7	2258.4	2324.0	2373.7	2423.4	2439.1	2454.7	2424.6	2394.6	2355.2
67.5°	1945.5	2041.6	2103.8	2165.9	2208.8	2251.8	2267.1	2282.2	2254.6	2227.1	2190.5
70°	1799.1	1883.5	1937.2	1990.9	2029.6	2068.4	2083.1	2097.9	2075.4	2052.9	2017.9
72.5°	1620.7	1687.0	1735.5	1784.0	1822.0	1860.0	1877.5	1895.0	1876.3	1857.6	1824.2
75°	1410.1	1459.4	1503.4	1547.3	1581.9	1616.5	1634.8	1653.1	1644.0	1634.8	1606.8
77.5°	1196.1	1236.1	1273.9	1311.7	1348.1	1384.2	1401.4	1418.5	1405.7	1392.6	1364.4
80°	956.2	989.5	1021.3	1053.1	1080.7	1108.2	1130.9	1153.5	1148.0	1142.6	1104.6
82.5°	691.3	688.5	677.4	666.3	725.1	784.0	822.6	861.2	858.8	856.2	824.2
85°	417.3	402.7	371.9	341.1	396.2	451.5	499.2	546.9	543.0	539.0	513.9
87.5°	199.9	199.3	175.8	152.1	175.2	198.5	217.8	237.1	232.3	227.1	214.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950216

CATALOG NUMBER: GALN-SB4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	4722.6	4705.6	4722.6	4736.3	4749.8	4764.5	4779.2	4798.1	4817.0	4840.5	4863.8
5°	4423.2	4409.3	4423.2	4437.4	4451.5	4470.0	4488.5	4514.5	4540.6	4578.0	4615.2
7.5°	4245.8	4236.3	4245.8	4258.4	4271.1	4292.2	4313.4	4344.5	4375.5	4419.6	4464.0
10°	4198.9	4194.5	4198.9	4209.6	4220.4	4240.5	4260.5	4295.5	4330.2	4383.3	4436.2
12.5°	4275.7	4274.1	4275.7	4284.8	4294.0	4316.2	4338.7	4383.5	4428.2	4495.8	4563.4
15°	4414.3	4413.3	4414.3	4426.2	4438.1	4469.2	4500.4	4568.4	4636.4	4732.7	4829.0
17.5°	4533.0	4530.6	4533.0	4548.3	4563.4	4609.8	4655.9	4756.2	4856.4	4983.9	5111.4
20°	4594.3	4588.3	4594.3	4613.2	4632.1	4691.3	4750.4	4873.1	4996.0	5141.6	5287.4
22.5°	4587.3	4578.4	4587.3	4608.2	4629.1	4691.5	4753.8	4880.5	5007.0	5146.2	5285.4
25°	4510.3	4498.8	4510.3	4529.8	4549.5	4603.4	4657.5	4769.7	4882.3	4996.2	5110.4
27.5°	4378.5	4375.5	4378.5	4387.4	4396.4	4432.8	4469.0	4556.3	4643.6	4724.7	4806.1
30°	4199.5	4202.5	4199.5	4199.5	4199.5	4218.2	4236.7	4299.5	4362.0	4424.0	4485.9
32.5°	3982.7	3985.7	3982.7	3980.9	3979.3	3991.4	4003.6	4053.5	4103.4	4160.5	4217.4
35°	3753.0	3751.0	3753.0	3757.0	3760.9	3779.2	3797.7	3843.7	3889.8	3930.2	3970.8
37.5°	3520.3	3510.3	3520.3	3538.0	3555.7	3589.1	3622.7	3665.3	3707.6	3726.3	3745.0
40°	3299.1	3279.6	3299.1	3331.7	3364.8	3413.3	3462.2	3498.2	3534.2	3529.8	3525.3
42.5°	3082.3	3050.9	3082.3	3130.3	3178.2	3238.9	3299.5	3329.8	3360.2	3337.3	3314.4
45°	2888.2	2852.0	2888.2	2944.5	3000.8	3070.0	3139.4	3166.7	3194.1	3161.3	3128.5
47.5°	2785.4	2750.6	2785.4	2837.3	2889.4	2951.1	3012.7	3031.8	3050.9	3013.1	2975.3
50°	2742.2	2708.8	2742.2	2790.4	2838.5	2887.8	2937.2	2937.9	2939.1	2890.6	2842.1
52.5°	2719.8	2688.9	2719.8	2762.7	2805.9	2846.1	2886.2	2875.9	2865.6	2808.1	2750.6
55°	2692.9	2665.1	2692.9	2730.7	2768.5	2803.5	2838.5	2824.2	2809.9	2748.8	2687.9
57.5°	2642.2	2613.4	2642.2	2679.8	2717.2	2752.6	2788.0	2773.5	2758.9	2697.7	2636.2
60°	2571.6	2541.8	2571.6	2610.2	2648.8	2683.2	2717.8	2701.9	2686.0	2624.3	2562.6
62.5°	2462.2	2426.4	2462.2	2502.8	2543.4	2574.6	2605.8	2590.5	2575.2	2518.7	2462.2
65°	2316.0	2285.2	2316.0	2355.2	2394.6	2424.6	2454.7	2439.1	2423.4	2373.7	2324.0
67.5°	2153.9	2126.1	2153.9	2190.5	2227.1	2254.6	2282.2	2267.1	2251.8	2208.8	2165.9
70°	1982.9	1951.1	1982.9	2017.9	2052.9	2075.4	2097.9	2083.1	2068.4	2029.6	1990.9
72.5°	1791.0	1760.1	1791.0	1824.2	1857.6	1876.3	1895.0	1877.5	1860.0	1822.0	1784.0
75°	1578.8	1549.3	1578.8	1606.8	1634.8	1644.0	1653.1	1634.8	1616.5	1581.9	1547.3
77.5°	1336.1	1312.6	1336.1	1364.4	1392.6	1405.7	1418.5	1401.4	1384.2	1348.1	1311.7
80°	1066.4	1022.3	1066.4	1104.6	1142.6	1148.0	1153.5	1130.9	1108.2	1080.7	1053.1
82.5°	792.0	763.7	792.0	824.2	856.2	858.8	861.2	822.6	784.0	725.1	666.3
85°	488.9	463.4	488.9	513.9	539.0	543.0	546.9	499.2	451.5	396.2	341.1
87.5°	201.3	188.9	201.3	214.4	227.1	232.3	237.1	217.8	198.5	175.2	152.1
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: P950216

CATALOG NUMBER: GALN-SB4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	4893.8	4924.0	4954.1	4984.1	5018.3	5052.7	5090.7	5128.9	5176.0	5218.4	5262.1
5°	4663.7	4712.0	4765.3	4818.6	4878.9	4939.3	5011.5	5083.5	5166.1	5249.6	5338.1
7.5°	4523.1	4582.3	4649.6	4716.6	4796.1	4875.7	4971.4	5067.2	5174.0	5288.0	5411.5
10°	4502.8	4569.4	4641.8	4714.0	4793.6	4873.1	4974.1	5075.2	5189.9	5330.5	5476.9
12.5°	4632.3	4701.3	4757.8	4814.6	4867.1	4920.0	5002.4	5085.1	5191.9	5339.7	5505.0
15°	4888.8	4948.7	4963.4	4978.1	4971.0	4963.8	5003.2	5042.8	5128.3	5292.0	5483.3
17.5°	5159.5	5207.8	5161.9	5115.8	5029.0	4942.3	4928.0	4913.5	4966.2	5158.7	5388.8
20°	5309.9	5332.1	5235.7	5139.2	4988.5	4837.9	4770.3	4702.7	4716.6	4940.7	5225.9
22.5°	5272.1	5258.6	5133.1	5007.6	4835.3	4663.5	4563.4	4463.4	4436.2	4691.3	5034.8
25°	5064.4	5018.3	4894.8	4771.3	4616.5	4462.0	4346.7	4231.3	4157.7	4419.3	4821.4
27.5°	4754.6	4703.3	4604.2	4505.2	4378.3	4251.2	4139.8	4028.4	3938.9	4177.0	4626.3
30°	4444.1	4402.3	4320.0	4237.9	4132.5	4027.0	3938.3	3850.0	3779.8	3979.7	4463.2
32.5°	4170.8	4124.5	4045.5	3966.8	3882.5	3798.3	3746.0	3693.7	3662.5	3823.6	4322.6
35°	3915.1	3859.4	3781.2	3703.3	3639.2	3575.0	3560.5	3546.1	3559.1	3693.3	4184.4
37.5°	3676.2	3607.4	3529.4	3451.7	3405.7	3359.6	3375.5	3391.4	3438.7	3556.1	4021.7
40°	3445.9	3366.7	3291.6	3216.4	3183.2	3150.0	3186.0	3222.0	3294.6	3401.0	3827.6
42.5°	3228.9	3143.4	3072.0	3000.8	2973.5	2946.5	2994.2	3042.0	3133.5	3231.5	3613.4
45°	3039.8	2951.1	2883.5	2815.8	2792.8	2770.1	2816.4	2863.0	2951.5	3050.9	3385.8
47.5°	2887.8	2800.3	2734.3	2668.1	2646.8	2625.3	2664.3	2703.3	2779.4	2907.7	3205.8
50°	2763.7	2685.4	2623.1	2560.7	2527.0	2493.6	2528.0	2562.6	2651.2	2819.8	3086.3
52.5°	2677.4	2604.4	2547.3	2490.1	2439.9	2389.6	2423.6	2457.8	2581.5	2775.5	3007.6
55°	2624.1	2560.1	2498.4	2436.8	2365.6	2294.2	2348.1	2402.1	2588.5	2768.9	2950.5
57.5°	2572.8	2509.5	2437.2	2364.8	2288.0	2211.2	2290.0	2368.7	2595.5	2754.6	2882.9
60°	2498.2	2434.0	2350.8	2267.7	2200.5	2133.1	2235.3	2337.3	2573.6	2678.6	2779.4
62.5°	2393.6	2325.0	2227.9	2131.1	2088.3	2045.5	2173.0	2300.7	2519.9	2532.8	2599.6
65°	2258.4	2192.7	2088.7	1984.9	1968.6	1952.1	2087.9	2223.5	2390.6	2389.0	2420.6
67.5°	2103.8	2041.6	1945.5	1849.6	1854.8	1860.0	1973.0	2085.9	2179.8	2184.2	2166.7
70°	1937.2	1883.5	1799.1	1714.8	1732.7	1750.6	1830.9	1911.3	1942.1	1942.1	1860.4
72.5°	1735.5	1687.0	1620.7	1554.3	1580.3	1606.6	1661.7	1716.8	1716.4	1696.9	1580.9
75°	1503.4	1459.4	1410.1	1360.8	1386.0	1411.1	1453.7	1496.0	1503.6	1413.7	1283.6
77.5°	1273.9	1236.1	1196.1	1155.9	1181.4	1206.8	1240.9	1274.9	1278.8	1130.7	1004.4
80°	1021.3	989.5	956.2	922.8	944.3	965.6	994.2	1022.7	1023.3	846.3	739.5
82.5°	677.4	688.5	691.3	694.1	709.2	724.3	738.3	752.2	743.8	592.7	513.9
85°	371.9	402.7	417.3	431.6	448.5	465.4	480.3	495.2	484.3	371.9	314.2
87.5°	175.8	199.3	199.9	200.5	203.7	206.8	212.8	218.8	204.9	158.1	134.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P950216

CATALOG NUMBER: GALN-SB4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0	5183.0
2.5°	5305.9	5351.6	5397.4	5442.7	5488.3	5531.0	5573.8
5°	5426.6	5521.3	5616.1	5710.2	5804.5	5899.0	5993.4
7.5°	5535.0	5675.2	5815.4	5959.4	6103.4	6259.1	6415.1
10°	5622.9	5793.4	5963.6	6153.7	6344.1	6541.2	6738.3
12.5°	5670.2	5871.1	6072.0	6287.6	6503.2	6719.6	6936.2
15°	5674.6	5905.9	6137.2	6371.1	6605.0	6830.7	7056.5
17.5°	5618.9	5887.4	6155.9	6411.1	6666.3	6895.2	7124.1
20°	5511.1	5836.5	6161.9	6442.3	6722.8	6960.8	7198.7
22.5°	5378.3	5774.1	6169.8	6484.5	6798.9	7042.2	7285.2
25°	5223.7	5712.4	6201.3	6560.9	6920.2	7158.3	7396.6
27.5°	5075.6	5671.2	6266.9	6680.2	7093.3	7320.6	7547.7
30°	4946.7	5651.9	6356.8	6834.7	7312.6	7532.0	7751.6
32.5°	4821.4	5628.1	6434.4	6996.0	7557.7	7774.9	7992.2
35°	4675.4	5583.1	6491.2	7179.8	7868.3	8076.6	8284.6
37.5°	4487.3	5506.2	6525.1	7385.6	8246.2	8511.5	8776.8
40°	4254.2	5400.2	6546.3	7647.0	8747.4	9134.0	9520.7
42.5°	3995.2	5290.8	6586.7	7988.9	9391.0	9949.1	10507.2
45°	3720.8	5189.1	6657.7	8438.7	10219.8	10972.6	11725.3
47.5°	3504.0	5105.2	6706.4	8918.1	11129.7	12189.3	13248.8
50°	3352.8	5013.7	6674.6	9362.8	12050.9	13648.4	15245.6
52.5°	3239.9	4859.2	6478.7	9651.5	12824.2	15181.0	17537.8
55°	3132.1	4603.0	6074.0	9587.9	13101.6	16539.8	19978.1
57.5°	3011.1	4241.8	5472.4	9140.0	12807.9	17502.8	22197.7
60°	2880.3	3772.9	4665.5	8306.5	11947.5	17743.4	23539.2
62.5°	2666.7	3211.6	3756.6	7179.4	10602.2	16730.1	22858.0
65°	2452.3	2706.6	2961.0	6029.4	9098.0	15296.3	21494.6
67.5°	2149.0	2221.4	2293.6	4902.9	7512.3	13590.1	19667.9
70°	1778.4	1758.0	1737.3	3860.4	5983.5	11728.3	17473.1
72.5°	1464.8	1402.3	1340.1	2951.3	4562.4	9710.0	14857.8
75°	1153.5	1097.1	1040.6	2142.0	3243.4	7396.4	11549.3
77.5°	878.1	839.5	801.1	1451.5	2101.8	5176.8	8251.8
80°	632.5	616.5	600.6	935.2	1269.9	3335.3	5400.8
82.5°	435.2	432.0	429.2	575.2	721.6	1930.4	3139.4
85°	256.6	258.2	259.5	307.5	355.6	868.3	1381.3
87.5°	111.0	112.4	113.8	127.5	141.2	284.4	427.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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