

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: P533774

Luminaire Tested: **GALN-SA9B-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P533774
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA9B-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32130 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

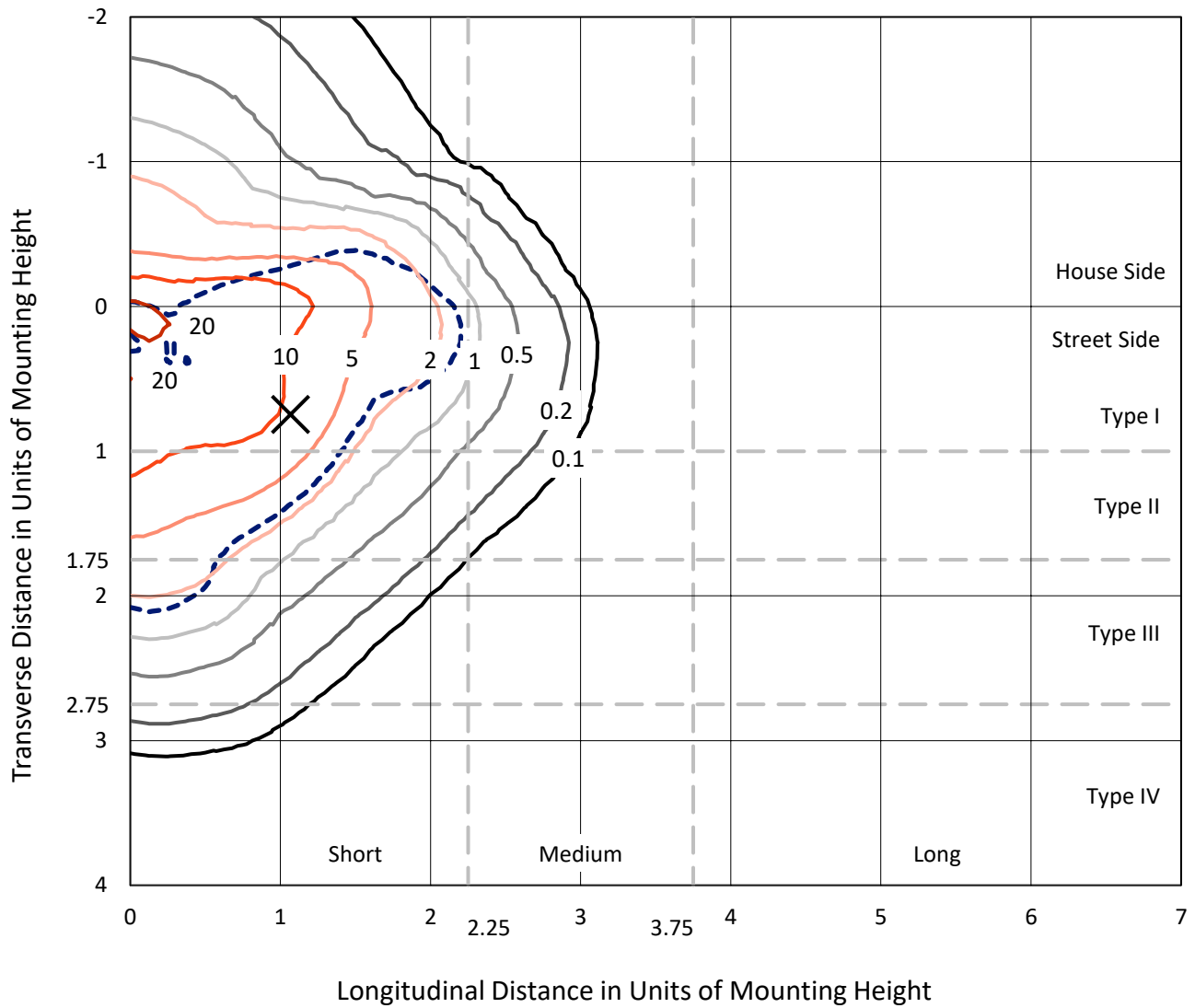
Input Watts (W): 364
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

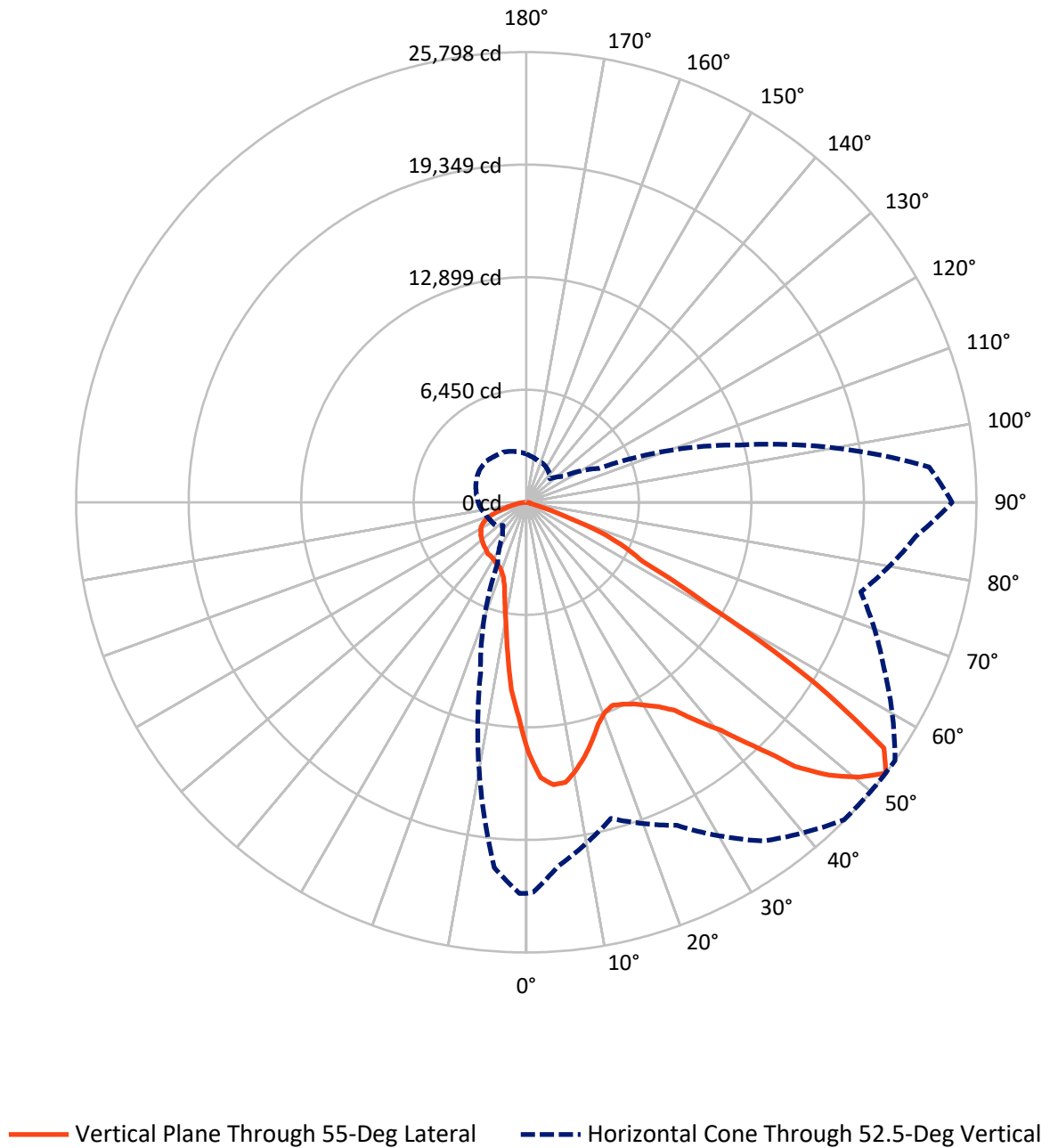
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9801.4	0.0	9801.4
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	22328.6	0.0	22328.6
	% Fixture	69.5	0.0	69.5
Total	Lumens	32130.0	0.0	32130.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1095.0	3.4
10°-20°	2360.9	7.3
20°-30°	3579.9	11.1
30°-40°	5172.4	16.1
40°-50°	6911.7	21.5
50°-60°	7715.0	24.0
60°-70°	4232.0	13.2
70°-80°	915.0	2.8
80°-90°	148.0	0.5
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°	32130.0	100.0
0°-180°	32130.0	100.0

Coefficient of Utilization



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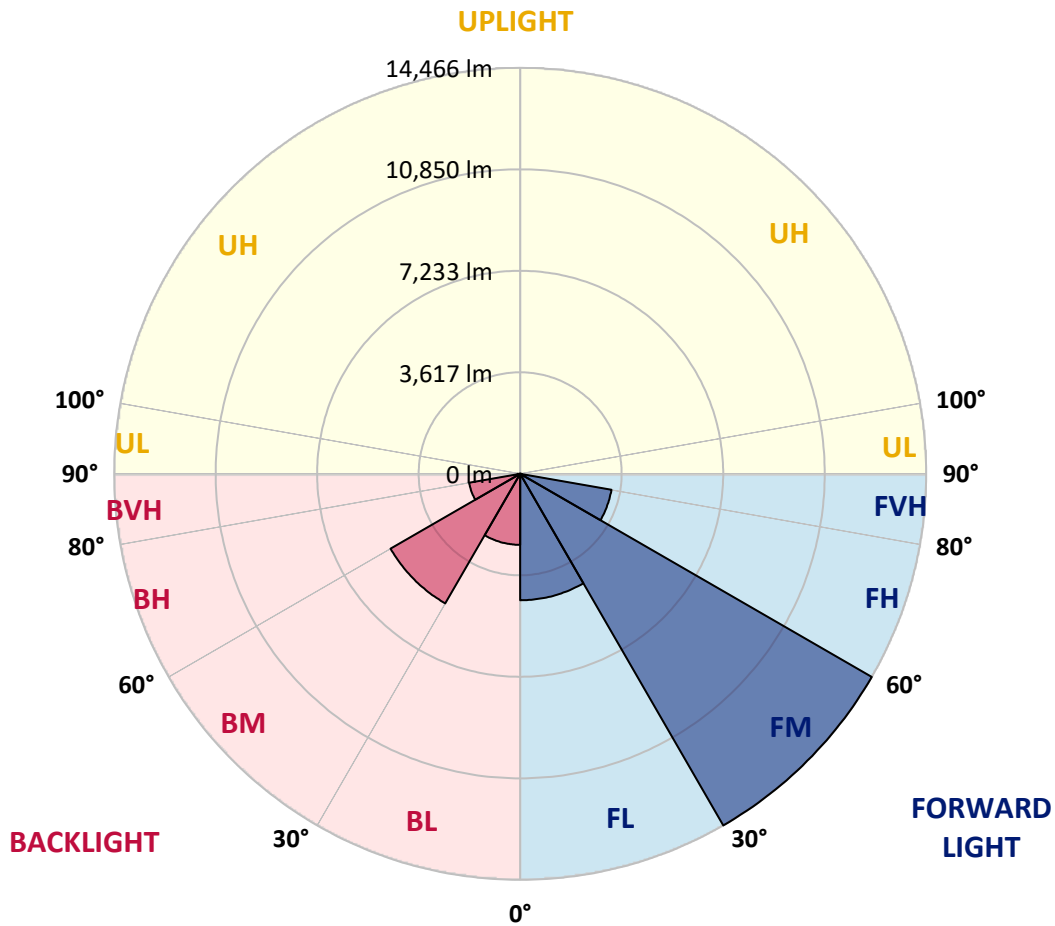
CATALOG NUMBER: GALN-SA9B-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4505.2	14.0			
FM (30°-60°)	14466.4	45.0			
FH (60°-80°)	3302.2	10.3			G2/5000
FVH (80°-90°)	54.8	0.2			G1/100
BL (0°-30°)	2530.6	7.9	B4/5000		
BM (30°-60°)	5332.8	16.6	B4/8500		
BH (60°-80°)	1844.8	5.7	B3/2500		G3/2500
BVH (80°-90°)	93.2	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5
2.5°	15040.9	14956.4	15031.5	15388.0	15594.5	15735.2	15824.4	15810.3	15472.5	15144.1	15144.1
5°	14599.9	14492.0	14646.8	15453.7	16265.4	16335.7	16453.0	16260.7	15763.4	15162.9	14412.2
7.5°	13323.8	13403.6	13661.6	14721.9	15777.4	16307.6	16448.3	16204.4	15397.4	14276.2	13173.7
10°	12221.3	12409.0	13004.8	14149.5	15120.6	15810.3	15965.1	15622.6	14984.6	13610.0	12624.8
12.5°	11841.3	11724.0	12385.5	13530.2	14459.1	14829.8	14900.1	14923.6	14492.0	13272.2	12071.2
15°	11794.4	11869.4	12385.5	13253.4	13825.8	13844.6	13961.8	14144.8	14201.1	13502.1	12329.2
17.5°	12469.9	12380.8	12910.9	13600.6	13328.5	13056.4	13084.5	13347.3	13811.7	13699.1	13140.8
20°	13469.2	13671.0	14088.5	14018.1	13286.3	12596.6	12601.3	12850.0	13764.8	14515.4	14271.5
22.5°	15130.0	15327.1	15636.7	14787.5	13286.3	12460.6	12301.1	12638.8	14065.1	15486.6	15547.6
25°	16645.4	17006.6	17091.1	16091.8	13952.5	12587.2	12484.0	12817.1	14365.3	16434.2	17011.3
27.5°	18024.7	18156.0	18526.6	16931.5	14323.1	12671.7	12662.3	13089.2	14745.3	16908.1	18320.2
30°	19113.1	19099.0	19310.1	17461.7	14914.2	13145.5	12690.4	13497.4	15242.6	17691.6	19530.6
32.5°	19854.3	20013.8	20459.5	18198.2	15162.9	13595.9	13239.4	13975.9	15847.8	18062.2	20384.5
35°	21158.6	21435.4	20872.4	18606.4	15951.0	14041.6	13624.1	14628.0	16148.1	18465.7	21430.7
37.5°	22387.7	22176.6	21604.3	18826.9	16462.4	14867.3	14477.9	15890.0	17081.7	19343.0	22125.0
40°	23175.9	23171.2	22153.2	19005.2	16823.6	16129.3	16105.8	17170.8	18226.4	19896.6	22903.8
42.5°	23518.4	23846.8	22378.4	18986.4	17583.7	17658.7	18132.6	19084.9	19038.0	20009.2	22885.0
44°	23987.5	24184.6	22767.7	19028.6	18090.3	18690.8	19807.4	20412.6	19746.4	19948.2	22861.6
45°	23968.8	23982.8	22214.1	19084.9	18522.0	19554.1	20553.4	21576.1	20370.4	19816.8	23171.2
47.5°	23419.9	23260.3	21745.0	18667.4	19868.4	21834.1	22758.4	23377.6	21139.8	19535.3	22786.5
50°	22336.1	22153.2	20605.0	18489.1	20149.9	23251.0	24527.0	24752.2	21838.8	19258.5	22406.5
52.5°	22411.2	22359.6	20928.7	18756.5	20431.4	23696.7	25742.1	25798.4	22631.7	19840.3	22411.2
55°	23753.0	23574.7	21857.6	19089.6	20225.0	23175.9	24968.0	24869.5	22364.3	19488.4	22824.0
57.5°	21735.6	21852.9	20572.1	17771.3	17700.9	18841.0	19629.1	19385.2	18662.7	17588.4	21233.6
60°	17536.7	17869.8	17991.8	14862.6	13356.6	12770.2	12535.6	12104.0	12226.0	14449.8	18653.3
62.5°	15040.9	15022.1	15786.8	13473.9	8749.6	7525.1	7412.5	7511.1	8918.5	14224.6	18268.6
65°	11925.7	12244.8	12479.3	11419.1	6924.6	5587.6	5582.9	6206.8	7717.5	11888.2	14750.0
67.5°	7572.0	7989.6	8280.5	7304.6	4630.5	3978.4	3870.5	4621.1	5348.3	7797.2	8881.0
70°	4269.2	4466.3	4597.6	4212.9	2946.2	2064.3	1942.3	2120.5	3232.4	5048.0	5263.8
72.5°	1646.7	1735.8	1914.1	1928.2	1111.9	666.2	539.5	647.4	1360.5	1998.6	1904.7
75°	253.3	272.1	384.7	459.8	319.0	244.0	258.0	267.4	380.0	516.1	431.6
77.5°	122.0	122.0	117.3	136.1	159.5	173.6	187.7	206.4	225.2	248.6	239.3
80°	79.8	79.8	79.8	93.8	117.3	140.7	159.5	168.9	178.3	197.0	187.7
82.5°	51.6	51.6	51.6	70.4	93.8	117.3	126.7	150.1	168.9	197.0	183.0
85°	28.1	28.1	28.1	46.9	70.4	98.5	93.8	75.1	42.2	4.7	9.4
87.5°	9.4	9.4	9.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5
2.5°	14750.0	14534.2	14515.4	14074.4	13680.3	13488.0	13333.2	12901.6	12995.4	12746.7	12742.1
5°	14036.9	13595.9	12882.8	12296.4	11709.9	11592.6	11081.3	10635.6	10649.7	10330.6	10386.9
7.5°	12756.1	12451.2	11583.3	10663.7	9884.9	9331.3	8848.1	8557.3	8186.6	8060.0	7994.3
10°	11944.5	11569.2	10593.4	9439.3	8566.6	8271.1	7806.6	7548.6	7168.6	6980.9	6849.6
12.5°	11588.0	11039.0	9819.3	8646.4	8064.7	7759.7	7365.6	6896.5	6446.1	6272.5	6033.2
15°	11625.5	10968.7	9594.1	8327.4	7628.3	7037.2	6685.4	6164.6	5704.8	5399.9	5226.3
17.5°	12193.2	11395.6	9697.3	8083.4	7079.4	6338.2	5648.5	5085.6	4719.6	4489.7	4433.4
20°	13534.9	12451.2	9870.9	7689.3	6530.5	5606.3	4757.2	4170.7	3889.2	3884.5	3889.2
22.5°	14651.5	13577.1	10222.7	7454.8	5981.6	4668.0	3823.6	3635.9	3579.6	3696.9	3711.0
25°	16157.5	14843.8	10827.9	7332.8	5475.0	3978.4	3457.6	3387.2	3382.6	3532.7	3537.4
27.5°	17700.9	15951.0	11189.2	6976.2	4958.9	3621.8	3237.1	3223.0	3298.1	3457.6	3443.5
30°	18751.8	16879.9	11841.3	6549.3	4349.0	3307.5	3148.0	3166.7	3270.0	3391.9	3410.7
32.5°	19976.3	17794.8	12010.2	6314.7	3973.7	3044.8	2932.2	2974.4	3105.8	3298.1	3401.3
35°	21379.1	18442.2	12268.2	5995.7	3832.9	2843.0	2786.7	2833.7	2993.2	3119.8	3232.4
37.5°	22415.9	19586.9	12315.1	5747.1	3678.1	2730.4	2641.3	2796.1	2890.0	3068.2	3124.5
40°	23185.3	20417.3	12437.1	5592.2	3556.1	2585.0	2585.0	2688.2	2814.9	2979.1	3091.7
42.5°	23677.9	21022.5	12526.2	5451.5	3321.6	2542.8	2519.3	2622.5	2791.4	2950.9	3002.5
44°	23978.1	21280.5	12437.1	5320.1	3255.9	2491.2	2491.2	2580.3	2711.7	2899.3	2960.3
45°	24053.2	21604.3	12240.1	5315.4	3176.1	2430.2	2420.8	2589.7	2678.8	2908.7	2946.2
47.5°	24344.1	22003.0	12263.5	5165.3	2983.8	2284.7	2449.0	2524.0	2603.8	2805.5	2932.2
50°	24334.7	22251.7	12211.9	4944.8	2843.0	2120.5	2392.7	2477.1	2556.9	2763.3	2814.9
52.5°	24400.4	23180.6	12685.8	4593.0	2589.7	1909.4	2205.0	2392.7	2491.2	2664.8	2772.7
55°	24367.5	23710.7	13154.9	4330.2	2233.1	1782.8	2045.5	2266.0	2406.7	2589.7	2641.3
57.5°	22256.4	20956.8	12174.4	3837.6	1848.4	1632.6	1820.3	2134.6	2312.9	2500.6	2566.2
60°	18184.2	16152.8	10039.8	2824.3	1520.0	1501.3	1693.6	2092.4	2167.5	2331.7	2444.3
62.5°	16804.9	14168.3	7961.4	2158.1	1299.5	1374.6	1562.3	1890.7	2008.0	2209.7	2312.9
65°	13150.2	9411.1	4930.7	1459.0	1144.7	1233.9	1412.1	1656.1	1848.4	2036.1	2158.1
67.5°	7787.9	5141.9	2439.6	1022.7	999.3	1093.1	1276.1	1459.0	1679.5	1886.0	1947.0
70°	4241.1	2528.7	1041.5	778.8	849.2	933.6	1111.9	1238.6	1449.7	1609.2	1712.4
72.5°	1360.5	769.4	520.8	577.1	647.4	745.9	853.8	1008.7	1158.8	1252.6	1337.1
75°	328.4	323.7	370.6	403.5	469.1	544.2	633.3	713.1	830.4	919.5	994.6
77.5°	229.9	248.6	286.2	333.1	356.6	384.7	441.0	502.0	553.6	619.3	666.2
80°	178.3	192.4	220.5	244.0	267.4	290.9	319.0	342.5	375.3	417.5	441.0
82.5°	168.9	178.3	206.4	220.5	211.1	206.4	225.2	234.6	239.3	253.3	267.4
85°	14.1	0.0	9.4	32.8	79.8	117.3	126.7	126.7	122.0	131.4	131.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	18.8	14.1
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5
2.5°	12685.8	12526.2	12587.2	12662.3	12554.4	12305.7	12371.4	12343.3	12596.6	12577.9	12831.2
5°	10635.6	10386.9	10415.1	10781.0	10663.7	10790.4	10537.1	10504.2	10551.1	10574.6	10616.8
7.5°	8139.7	8106.9	8388.4	8698.0	8843.4	8693.3	8444.7	8388.4	8336.8	8233.5	8468.1
10°	6643.1	6652.5	6633.7	6868.3	7032.5	6999.7	6849.6	6830.8	6732.3	6694.7	6826.1
12.5°	5930.0	5803.4	5742.4	5667.3	5794.0	5878.4	5812.7	5765.8	5770.5	5817.4	5836.2
15°	5240.4	5160.6	5029.3	4944.8	5005.8	4963.6	4940.1	5034.0	5010.5	5001.1	5113.7
17.5°	4466.3	4532.0	4522.6	4428.8	4508.5	4475.7	4471.0	4405.3	4316.2	4250.5	4288.0
20°	3954.9	4076.9	4170.7	4175.4	4217.6	4212.9	4142.6	3940.8	3875.2	3861.1	3870.5
22.5°	3771.9	3837.6	3950.2	4109.7	4109.7	4034.7	3950.2	3715.7	3654.7	3589.0	3560.8
25°	3626.5	3753.2	3898.6	3917.4	3992.4	3922.1	3786.0	3668.7	3542.1	3452.9	3452.9
27.5°	3551.4	3692.2	3800.1	3832.9	3936.2	3879.9	3739.1	3589.0	3438.9	3434.2	3354.4
30°	3518.6	3650.0	3720.3	3800.1	3847.0	3757.9	3715.7	3556.1	3406.0	3368.5	3237.1
32.5°	3420.1	3607.7	3739.1	3720.3	3757.9	3720.3	3659.4	3528.0	3359.1	3274.7	3260.6
35°	3307.5	3495.2	3635.9	3734.4	3757.9	3678.1	3640.6	3462.3	3232.4	3190.2	3044.8
37.5°	3246.5	3359.1	3532.7	3692.2	3725.0	3682.8	3556.1	3373.2	3143.3	3096.4	2969.7
40°	3171.4	3316.9	3452.9	3584.3	3682.8	3579.6	3434.2	3255.9	3152.7	3011.9	2974.4
42.5°	3115.1	3279.3	3391.9	3537.4	3650.0	3513.9	3345.0	3223.0	3077.6	2983.8	2875.9
44°	3096.4	3246.5	3321.6	3499.8	3593.7	3490.5	3349.7	3223.0	3054.2	2969.7	2875.9
45°	3030.7	3237.1	3316.9	3476.4	3556.1	3471.7	3293.4	3166.7	3044.8	2941.6	2843.0
47.5°	2965.0	3105.8	3241.8	3368.5	3424.8	3396.6	3246.5	3091.7	2946.2	2885.3	2791.4
50°	2946.2	3087.0	3213.7	3330.9	3396.6	3340.3	3204.3	3054.2	2885.3	2786.7	2707.0
52.5°	2852.4	3026.0	3166.7	3204.3	3288.7	3255.9	3152.7	2988.5	2829.0	2744.5	2678.8
55°	2716.4	2899.3	3091.7	3138.6	3260.6	3209.0	3054.2	2899.3	2763.3	2636.6	2552.2
57.5°	2664.8	2843.0	3030.7	3091.7	3166.7	3082.3	3044.8	2880.6	2664.8	2599.1	2467.7
60°	2533.4	2758.6	2913.4	3054.2	3058.8	3035.4	2969.7	2782.0	2603.8	2481.8	2388.0
62.5°	2430.2	2641.3	2763.3	2894.6	2974.4	2908.7	2843.0	2669.5	2477.1	2341.0	2233.1
65°	2280.1	2472.4	2575.6	2655.4	2744.5	2735.1	2622.5	2495.9	2294.1	2186.2	2083.0
67.5°	2050.2	2219.1	2359.8	2434.9	2491.2	2477.1	2392.7	2303.5	2097.1	1989.2	1914.1
70°	1773.4	1947.0	2036.1	2078.3	2134.6	2162.8	2097.1	2054.9	1871.9	1731.2	1660.8
72.5°	1426.2	1538.8	1670.2	1707.7	1731.2	1749.9	1749.9	1712.4	1524.7	1468.4	1346.5
75°	1050.9	1140.0	1238.6	1238.6	1280.8	1285.5	1294.8	1271.4	1130.6	1055.6	1027.4
77.5°	713.1	778.8	858.5	891.4	919.5	914.8	910.1	844.5	769.4	736.6	708.4
80°	464.5	530.1	567.7	609.9	638.0	633.3	642.7	595.8	563.0	506.7	516.1
82.5°	276.8	328.4	365.9	417.5	417.5	431.6	431.6	417.5	384.7	356.6	356.6
85°	131.4	173.6	197.0	229.9	248.6	253.3	225.2	192.4	159.5	145.4	159.5
87.5°	23.5	32.8	46.9	42.2	51.6	46.9	46.9	46.9	46.9	37.5	42.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P533774

CATALOG NUMBER: GALN-SA9B-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5	14332.5
2.5°	12737.4	12971.9	13136.1	13408.2	13877.4	14252.7	14637.4	14923.6	14956.4	15040.9
5°	10771.6	10898.3	11315.8	11860.1	12244.8	12878.1	13286.3	14027.5	14304.3	14599.9
7.5°	8411.8	8618.2	9176.5	9542.5	10386.9	11179.8	12000.8	12915.6	13281.6	13323.8
10°	7093.5	7393.8	7773.8	8360.2	8820.0	9702.0	10724.7	11742.8	12150.9	12221.3
12.5°	6230.3	6615.0	7121.7	7543.9	7984.9	8754.3	9734.8	10992.1	11522.3	11841.3
15°	5399.9	5798.7	6357.0	6943.4	7332.8	8252.3	9406.4	10823.2	11512.9	11794.4
17.5°	4546.0	4916.7	5376.4	6009.8	6793.3	7825.4	9354.8	11386.2	12141.5	12469.9
20°	3814.2	4020.6	4555.4	5207.5	6188.1	7389.1	9373.6	12216.6	13323.8	13469.2
22.5°	3528.0	3574.9	3786.0	4386.5	5460.9	6943.4	9706.7	13394.2	14651.5	15130.0
25°	3307.5	3298.1	3354.4	3757.9	4930.7	6769.8	10035.1	14477.9	16124.6	16645.4
27.5°	3185.5	3091.7	3096.4	3476.4	4555.4	6488.3	10457.3	15721.1	17794.8	18024.7
30°	3124.5	3105.8	3049.5	3204.3	4147.3	6066.1	10527.7	16945.6	18780.0	19113.1
32.5°	3087.0	2904.0	2833.7	2890.0	3762.6	5606.3	10790.4	17752.6	19999.8	19854.3
35°	2899.3	2735.1	2688.2	2744.5	3490.5	5348.3	10616.8	18456.3	20914.6	21158.6
37.5°	2829.0	2683.5	2589.7	2542.8	3237.1	5132.5	10527.7	19540.0	21801.3	22387.7
40°	2763.3	2608.5	2495.9	2449.0	3040.1	4846.3	10499.5	20375.1	22824.0	23175.9
42.5°	2688.2	2589.7	2463.0	2378.6	2800.8	4560.1	10175.8	20633.1	23138.4	23518.4
44°	2664.8	2514.6	2383.3	2355.1	2707.0	4414.7	10110.1	20867.7	23410.5	23987.5
45°	2641.3	2500.6	2350.4	2312.9	2674.1	4334.9	10021.0	20924.0	23860.9	23968.8
47.5°	2575.6	2486.5	2341.0	2237.8	2603.8	4161.3	9753.6	20605.0	23401.1	23419.9
50°	2524.0	2420.8	2270.7	2068.9	2509.9	4015.9	9875.6	20487.7	22293.9	22336.1
52.5°	2467.7	2312.9	2228.5	1881.3	2355.1	3893.9	10133.6	21017.8	22420.6	22411.2
55°	2402.0	2233.1	2026.7	1721.8	2097.1	3739.1	10757.6	22064.0	23593.4	23753.0
57.5°	2298.8	2153.4	1857.8	1581.0	1801.5	3443.5	10555.8	20060.8	21707.5	21735.6
60°	2162.8	2026.7	1684.2	1473.1	1477.8	2716.4	9439.3	15632.0	17128.6	17536.7
62.5°	2031.4	1956.3	1538.8	1318.3	1257.3	2162.8	7980.2	12990.7	14703.1	15040.9
65°	1876.6	1693.6	1412.1	1201.0	1079.0	1515.3	5653.2	9706.7	11470.7	11925.7
67.5°	1679.5	1482.5	1243.2	1055.6	924.2	1013.4	2918.1	5517.2	7304.6	7572.0
70°	1468.4	1285.5	1046.2	891.4	745.9	699.0	1285.5	2631.9	3992.4	4269.2
72.5°	1205.7	1036.8	835.1	703.7	558.3	483.2	431.6	703.7	1416.8	1646.7
75°	872.6	755.3	628.7	502.0	394.1	309.6	253.3	211.1	234.6	253.3
77.5°	642.7	548.9	464.5	356.6	276.8	220.5	173.6	131.4	126.7	122.0
80°	502.0	445.7	370.6	286.2	215.8	164.2	122.0	89.1	79.8	79.8
82.5°	394.1	365.9	304.9	234.6	178.3	131.4	89.1	61.0	51.6	51.6
85°	150.1	150.1	220.5	192.4	136.1	93.8	61.0	32.8	28.1	28.1
87.5°	37.5	37.5	37.5	37.5	32.8	28.1	28.1	14.1	9.4	9.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)