

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: P531434

Luminaire Tested: **GALN-SA6D-727-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531434
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-SA6D-727-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 1200mA 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: 28572 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

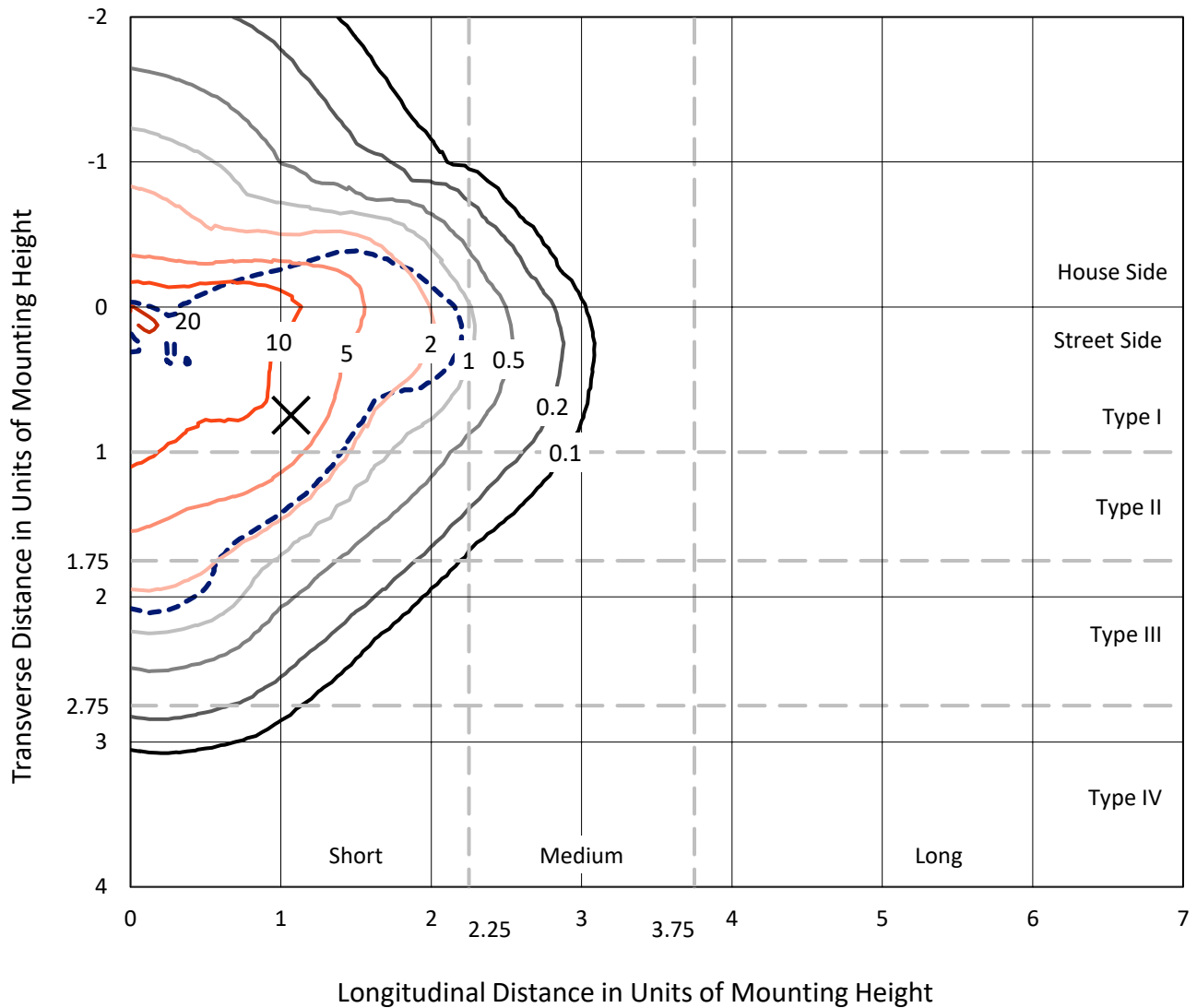
Input Watts (W): 368
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P531434
 CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

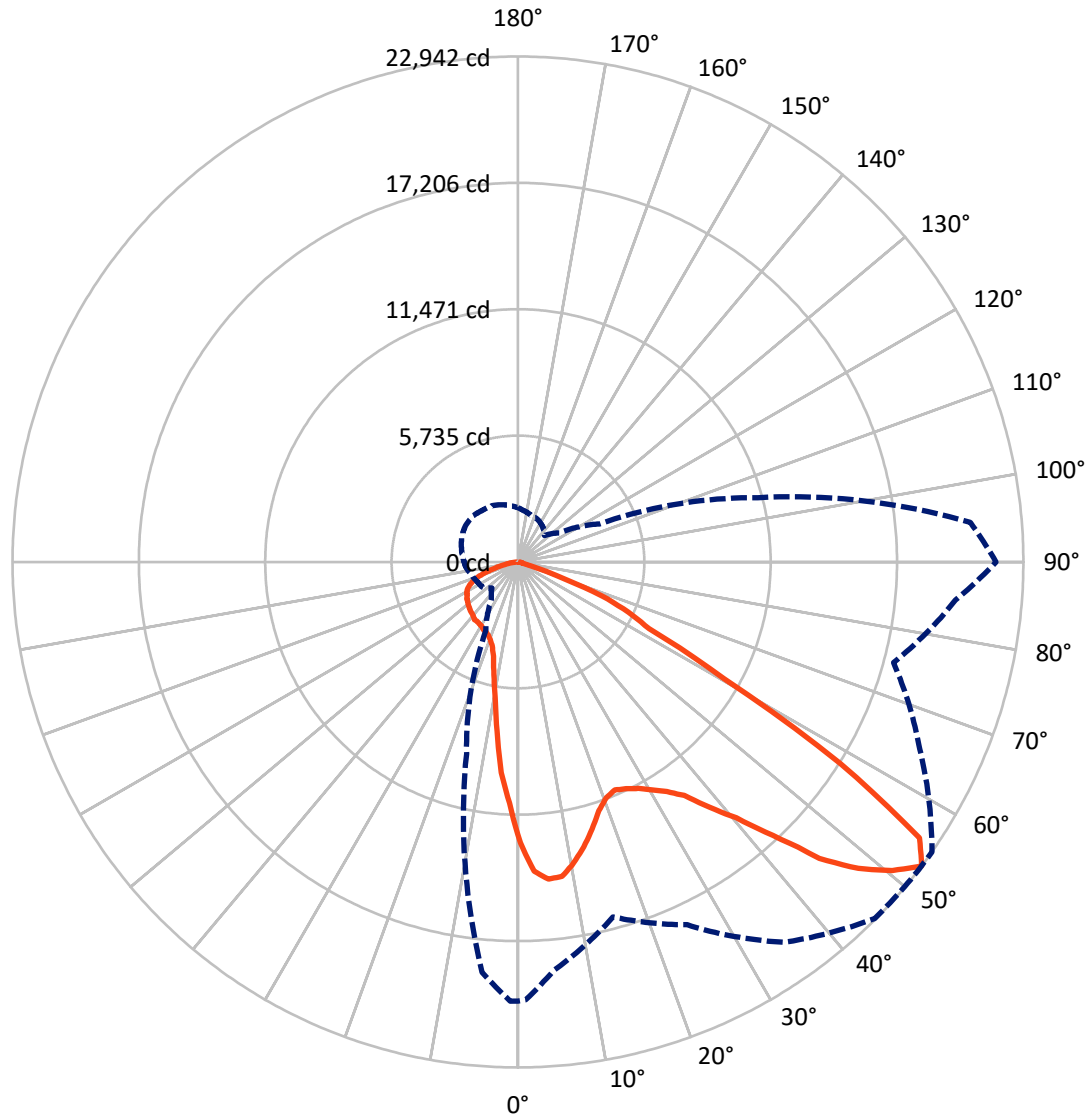
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.7 fc
 Type II - Short - N/A

REPORT NUMBER: P531434
CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

REPORT NUMBER: P531434
 CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

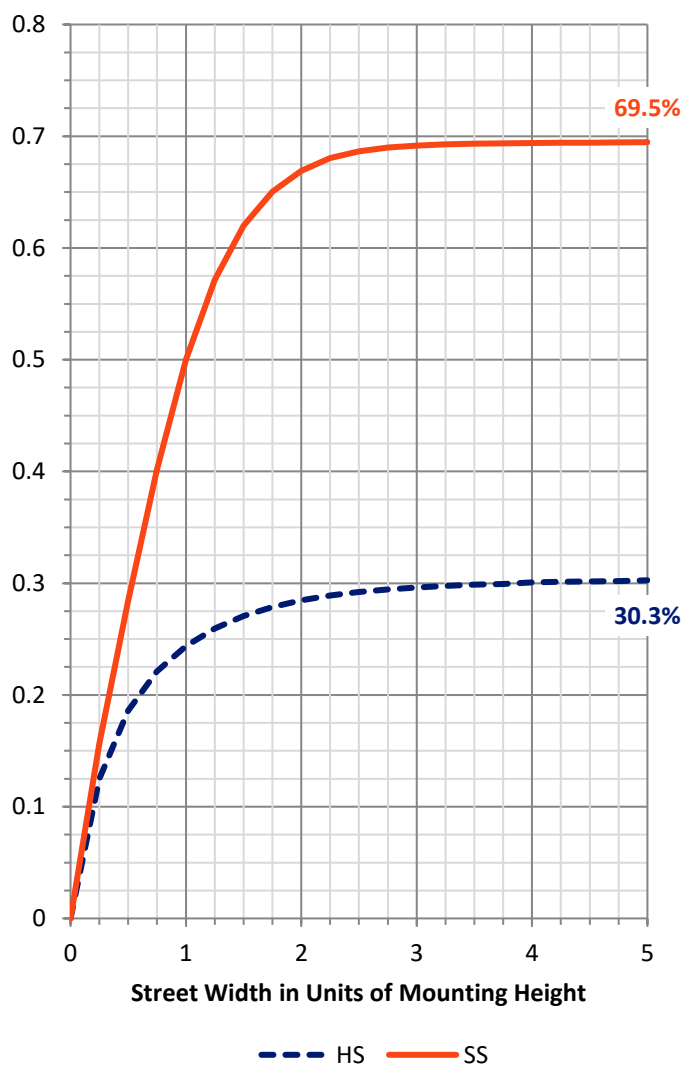
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8716.0	0.0	8716.0
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	19856.0	0.0	19856.0
	% Fixture	69.5	0.0	69.5
Total	Lumens	28572.0	0.0	28572.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	973.7	3.4
10°-20°	2099.5	7.3
20°-30°	3183.5	11.1
30°-40°	4599.6	16.1
40°-50°	6146.4	21.5
50°-60°	6860.7	24.0
60°-70°	3763.4	13.2
70°-80°	813.6	2.8
80°-90°	131.6	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°	28572.0	100.0
0°-180°	28572.0	100.0

Coefficient of Utilization



REPORT NUMBER: P531434

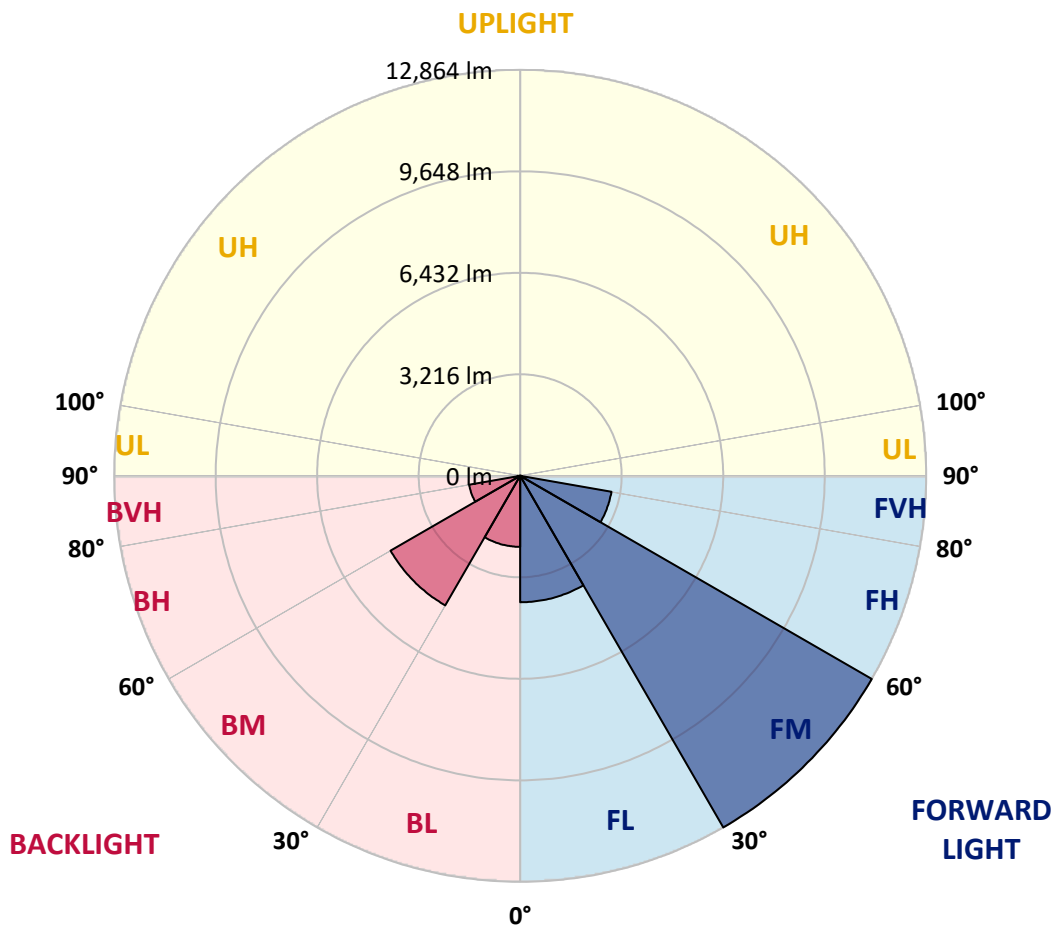
CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4006.3	14.0			
FM (30°-60°)	12864.5	45.0			
FH (60°-80°)	2936.5	10.3			G2/5000
FVH (80°-90°)	48.7	0.2			G1/100
BL (0°-30°)	2250.3	7.9	B3/2500		
BM (30°-60°)	4742.2	16.6	B3/5000		
BH (60°-80°)	1640.6	5.7	B3/2500		G3/2500
BVH (80°-90°)	82.9	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





REPORT NUMBER: P531434

CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3
2.5°	13375.3	13300.2	13366.9	13684.0	13867.6	13992.7	14072.0	14059.5	13759.1	13467.1	13467.1
5°	12983.1	12887.2	13024.8	13742.4	14464.2	14526.7	14631.0	14460.0	14017.8	13483.8	12816.2
7.5°	11848.4	11919.3	12148.7	13091.6	14030.3	14501.7	14626.9	14409.9	13692.4	12695.3	11714.8
10°	10867.9	11034.8	11564.7	12582.6	13446.2	14059.5	14197.2	13892.6	13325.2	12102.8	11226.7
12.5°	10530.0	10425.7	11014.0	12031.9	12858.0	13187.5	13250.1	13271.0	12887.2	11802.5	10734.4
15°	10488.3	10555.0	11014.0	11785.8	12294.8	12311.4	12415.7	12578.4	12628.5	12006.9	10963.9
17.5°	11089.1	11009.8	11481.2	12094.5	11852.5	11610.6	11635.6	11869.2	12282.2	12182.1	11685.6
20°	11977.7	12157.1	12528.4	12465.8	11815.0	11201.7	11205.9	11427.0	12240.5	12908.0	12691.1
22.5°	13454.6	13629.8	13905.1	13150.0	11815.0	11080.7	10938.9	11239.2	12507.5	13771.6	13825.9
25°	14802.1	15123.3	15198.4	14309.8	12407.4	11193.4	11101.6	11397.8	12774.5	14614.4	15127.5
27.5°	16028.7	16145.5	16475.0	15056.6	12737.0	11268.5	11260.1	11639.8	13112.5	15035.7	16291.5
30°	16996.5	16984.0	17171.8	15528.0	13262.6	11689.8	11285.1	12002.7	13554.7	15732.4	17367.8
32.5°	17655.7	17797.6	18193.9	16183.0	13483.8	12090.3	11773.3	12428.3	14092.9	16062.0	18127.1
35°	18815.5	19061.7	18561.0	16546.0	14184.6	12486.7	12115.4	13008.2	14359.9	16420.8	19057.5
37.5°	19908.6	19720.8	19211.9	16742.1	14639.4	13220.9	12874.7	14130.4	15190.1	17201.0	19674.9
40°	20609.5	20605.3	19700.0	16900.6	14960.6	14343.2	14322.3	15269.4	16208.0	17693.3	20367.5
42.5°	20914.0	21206.0	19900.2	16883.9	15636.5	15703.2	16124.6	16971.5	16929.8	17793.4	20350.8
44°	21331.2	21506.4	20246.5	16921.4	16087.1	16621.1	17614.0	18152.2	17559.8	17739.2	20329.9
45°	21314.5	21327.0	19754.2	16971.5	16470.9	17388.7	18277.3	19186.8	18114.6	17622.3	20605.3
47.5°	20826.4	20684.6	19337.0	16600.2	17668.2	19416.3	20238.2	20788.9	18798.8	17372.0	20263.2
50°	19862.7	19700.0	18323.2	16441.7	17918.5	20676.2	21811.0	22011.2	19420.4	17125.9	19925.3
52.5°	19929.4	19883.5	18611.1	16679.5	18168.9	21072.5	22891.5	22941.6	20125.5	17643.2	19929.4
55°	21122.6	20964.1	19437.1	16975.7	17985.3	20609.5	22203.1	22115.5	19887.7	17330.3	20296.6
57.5°	19328.7	19433.0	18294.0	15803.4	15740.8	16754.6	17455.5	17238.5	16596.0	15640.7	18882.3
60°	15594.8	15891.0	15999.4	13216.8	11877.6	11356.1	11147.5	10763.6	10872.1	12849.6	16587.7
62.5°	13375.3	13358.6	14038.6	11981.9	7780.7	6691.8	6591.7	6679.3	7930.9	12649.4	16245.6
65°	10605.1	10888.8	11097.4	10154.5	6157.8	4968.8	4964.6	5519.5	6862.9	10571.7	13116.6
67.5°	6733.5	7104.8	7363.5	6495.7	4117.7	3537.8	3441.9	4109.4	4756.0	6933.8	7897.5
70°	3796.5	3971.7	4088.5	3746.4	2620.0	1835.7	1727.2	1885.7	2874.5	4489.0	4680.9
72.5°	1464.4	1543.6	1702.2	1714.7	988.8	592.4	479.8	575.7	1209.9	1777.3	1693.8
75°	225.3	242.0	342.1	408.9	283.7	216.9	229.5	237.8	337.9	458.9	383.8
77.5°	108.5	108.5	104.3	121.0	141.8	154.4	166.9	183.6	200.3	221.1	212.8
80°	70.9	70.9	70.9	83.4	104.3	125.2	141.8	150.2	158.5	175.2	166.9
82.5°	45.9	45.9	45.9	62.6	83.4	104.3	112.6	133.5	150.2	175.2	162.7
85°	25.0	25.0	25.0	41.7	62.6	87.6	83.4	66.8	37.5	4.2	8.3
87.5°	8.3	8.3	8.3	8.3	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



REPORT NUMBER: P531434

CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3
2.5°	13116.6	12924.7	12908.0	12515.9	12165.4	11994.4	11856.7	11472.9	11556.3	11335.2	11331.0
5°	12482.5	12090.3	11456.2	10934.7	10413.2	10308.9	9854.2	9457.8	9470.3	9186.6	9236.7
7.5°	11343.5	11072.4	10300.6	9482.9	8790.3	8298.0	7868.3	7609.6	7280.1	7167.4	7109.0
10°	10621.8	10288.0	9420.3	8394.0	7618.0	7355.2	6942.1	6712.7	6374.7	6207.9	6091.1
12.5°	10304.7	9816.6	8731.9	7688.9	7171.6	6900.4	6550.0	6132.8	5732.3	5577.9	5365.1
15°	10338.1	9754.0	8531.6	7405.2	6783.6	6257.9	5945.0	5481.9	5073.1	4801.9	4647.6
17.5°	10842.9	10133.7	8623.4	7188.3	6295.5	5636.3	5023.0	4522.4	4197.0	3992.6	3942.5
20°	12036.1	11072.4	8777.8	6837.8	5807.4	4985.5	4230.4	3708.9	3458.6	3454.4	3458.6
22.5°	13029.0	12073.6	9090.7	6629.2	5319.2	4151.1	3400.1	3233.3	3183.2	3287.5	3300.0
25°	14368.2	13200.1	9628.9	6520.8	4868.7	3537.8	3074.7	3012.2	3008.0	3141.5	3145.7
27.5°	15740.8	14184.6	9950.1	6203.7	4409.8	3220.7	2878.6	2866.1	2932.9	3074.7	3062.2
30°	16675.3	15010.7	10530.0	5824.0	3867.4	2941.2	2799.4	2816.1	2907.9	3016.3	3033.0
32.5°	17764.2	15824.2	10680.2	5615.5	3533.6	2707.6	2607.5	2645.0	2761.8	2932.9	3024.7
35°	19011.6	16400.0	10909.7	5331.8	3408.5	2528.2	2478.1	2519.9	2661.7	2774.3	2874.5
37.5°	19933.6	17417.9	10951.4	5110.6	3270.8	2428.1	2348.8	2486.5	2569.9	2728.5	2778.5
40°	20617.8	18156.3	11059.9	4973.0	3162.3	2298.7	2298.7	2390.5	2503.2	2649.2	2749.3
42.5°	21055.9	18694.5	11139.1	4847.8	2953.7	2261.2	2240.3	2332.1	2482.3	2624.2	2670.1
44°	21322.9	18924.0	11059.9	4731.0	2895.3	2215.3	2215.3	2294.6	2411.4	2578.3	2632.5
45°	21389.6	19211.9	10884.6	4726.8	2824.4	2161.1	2152.7	2302.9	2382.2	2586.6	2620.0
47.5°	21648.3	19566.5	10905.5	4593.3	2653.4	2031.7	2177.8	2244.5	2315.4	2494.8	2607.5
50°	21639.9	19787.6	10859.6	4397.2	2528.2	1885.7	2127.7	2202.8	2273.7	2457.3	2503.2
52.5°	21698.3	20613.6	11281.0	4084.3	2302.9	1698.0	1960.8	2127.7	2215.3	2369.7	2465.6
55°	21669.1	21085.1	11698.2	3850.7	1985.9	1585.3	1819.0	2015.1	2140.2	2302.9	2348.8
57.5°	19791.8	18636.1	10826.2	3412.7	1643.8	1451.8	1618.7	1898.2	2056.8	2223.7	2282.1
60°	16170.5	14364.0	8928.0	2511.5	1351.7	1335.0	1506.1	1860.7	1927.4	2073.5	2173.6
62.5°	14943.9	12599.3	7079.8	1919.1	1155.6	1222.4	1389.3	1681.3	1785.6	1965.0	2056.8
65°	11694.0	8368.9	4384.7	1297.5	1018.0	1097.2	1255.8	1472.7	1643.8	1810.6	1919.1
67.5°	6925.4	4572.5	2169.4	909.5	888.6	972.1	1134.8	1297.5	1493.6	1677.1	1731.4
70°	3771.4	2248.7	926.2	692.5	755.1	830.2	988.8	1101.4	1289.1	1431.0	1522.8
72.5°	1209.9	684.2	463.1	513.2	575.7	663.3	759.3	897.0	1030.5	1113.9	1189.0
75°	292.0	287.9	329.6	358.8	417.2	483.9	563.2	634.1	738.4	817.7	884.5
77.5°	204.4	221.1	254.5	296.2	317.1	342.1	392.2	446.4	492.3	550.7	592.4
80°	158.5	171.1	196.1	216.9	237.8	258.7	283.7	304.6	333.8	371.3	392.2
82.5°	150.2	158.5	183.6	196.1	187.7	183.6	200.3	208.6	212.8	225.3	237.8
85°	12.5	0.0	8.3	29.2	70.9	104.3	112.6	112.6	108.5	116.8	116.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	16.7	12.5
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: P531434

CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3
2.5°	11281.0	11139.1	11193.4	11260.1	11164.2	10943.0	11001.4	10976.4	11201.7	11185.0	11410.3
5°	9457.8	9236.7	9261.7	9587.2	9482.9	9595.5	9370.2	9341.0	9382.7	9403.6	9441.1
7.5°	7238.3	7209.1	7459.5	7734.8	7864.1	7730.6	7509.5	7459.5	7413.6	7321.8	7530.4
10°	5907.5	5915.8	5899.1	6107.7	6253.8	6224.6	6091.1	6074.4	5986.8	5953.4	6070.2
12.5°	5273.4	5160.7	5106.5	5039.7	5152.4	5227.5	5169.1	5127.3	5131.5	5173.2	5189.9
15°	4660.1	4589.2	4472.3	4397.2	4451.5	4413.9	4393.1	4476.5	4455.6	4447.3	4547.4
17.5°	3971.7	4030.1	4021.8	3938.3	4009.2	3980.0	3975.9	3917.5	3838.2	3779.8	3813.2
20°	3517.0	3625.4	3708.9	3713.0	3750.6	3746.4	3683.8	3504.4	3446.0	3433.5	3441.9
22.5°	3354.3	3412.7	3512.8	3654.6	3654.6	3587.9	3512.8	3304.2	3250.0	3191.5	3166.5
25°	3224.9	3337.6	3466.9	3483.6	3550.3	3487.8	3366.8	3262.5	3149.8	3070.6	3070.6
27.5°	3158.2	3283.3	3379.3	3408.5	3500.3	3450.2	3325.0	3191.5	3058.0	3053.9	2982.9
30°	3129.0	3245.8	3308.4	3379.3	3421.0	3341.7	3304.2	3162.3	3028.8	2995.5	2878.6
32.5°	3041.4	3208.2	3325.0	3308.4	3341.7	3308.4	3254.1	3137.3	2987.1	2912.0	2899.5
35°	2941.2	3108.1	3233.3	3320.9	3341.7	3270.8	3237.4	3078.9	2874.5	2836.9	2707.6
37.5°	2887.0	2987.1	3141.5	3283.3	3312.5	3275.0	3162.3	2999.6	2795.2	2753.5	2640.8
40°	2820.2	2949.6	3070.6	3187.4	3275.0	3183.2	3053.9	2895.3	2803.6	2678.4	2645.0
42.5°	2770.2	2916.2	3016.3	3145.7	3245.8	3124.8	2974.6	2866.1	2736.8	2653.4	2557.4
44°	2753.5	2887.0	2953.7	3112.3	3195.7	3103.9	2978.8	2866.1	2715.9	2640.8	2557.4
45°	2695.1	2878.6	2949.6	3091.4	3162.3	3087.2	2928.7	2816.1	2707.6	2615.8	2528.2
47.5°	2636.7	2761.8	2882.8	2995.5	3045.5	3020.5	2887.0	2749.3	2620.0	2565.8	2482.3
50°	2620.0	2745.1	2857.8	2962.1	3020.5	2970.4	2849.4	2715.9	2565.8	2478.1	2407.2
52.5°	2536.5	2690.9	2816.1	2849.4	2924.5	2895.3	2803.6	2657.5	2515.7	2440.6	2382.2
55°	2415.6	2578.3	2749.3	2791.0	2899.5	2853.6	2715.9	2578.3	2457.3	2344.6	2269.5
57.5°	2369.7	2528.2	2695.1	2749.3	2816.1	2741.0	2707.6	2561.6	2369.7	2311.3	2194.4
60°	2252.9	2453.1	2590.8	2715.9	2720.1	2699.3	2640.8	2474.0	2315.4	2207.0	2123.5
62.5°	2161.1	2348.8	2457.3	2574.1	2645.0	2586.6	2528.2	2373.8	2202.8	2081.8	1985.9
65°	2027.6	2198.6	2290.4	2361.3	2440.6	2432.2	2332.1	2219.5	2040.1	1944.1	1852.3
67.5°	1823.1	1973.3	2098.5	2165.2	2215.3	2202.8	2127.7	2048.4	1864.9	1768.9	1702.2
70°	1577.0	1731.4	1810.6	1848.2	1898.2	1923.3	1864.9	1827.3	1664.6	1539.5	1476.9
72.5°	1268.3	1368.4	1485.2	1518.6	1539.5	1556.1	1556.1	1522.8	1355.9	1305.8	1197.4
75°	934.5	1013.8	1101.4	1101.4	1138.9	1143.1	1151.5	1130.6	1005.4	938.7	913.7
77.5°	634.1	692.5	763.5	792.7	817.7	813.5	809.4	751.0	684.2	655.0	630.0
80°	413.0	471.4	504.8	542.4	567.4	563.2	571.6	529.8	500.6	450.6	458.9
82.5°	246.1	292.0	325.4	371.3	371.3	383.8	383.8	371.3	342.1	317.1	317.1
85°	116.8	154.4	175.2	204.4	221.1	225.3	200.3	171.1	141.8	129.3	141.8
87.5°	20.9	29.2	41.7	37.5	45.9	41.7	41.7	41.7	41.7	33.4	37.5
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: P531434

CATALOG NUMBER: GALN-SA6D-727-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3	12745.3
2.5°	11326.9	11535.5	11681.5	11923.4	12340.6	12674.4	13016.5	13271.0	13300.2	13375.3
5°	9578.8	9691.5	10062.8	10546.7	10888.8	11452.0	11815.0	12474.1	12720.3	12983.1
7.5°	7480.3	7663.9	8160.3	8485.8	9236.7	9941.8	10671.9	11485.4	11810.8	11848.4
10°	6308.0	6575.0	6912.9	7434.4	7843.3	8627.6	9537.1	10442.4	10805.4	10867.9
12.5°	5540.4	5882.5	6333.0	6708.5	7100.7	7784.9	8656.8	9774.9	10246.3	10530.0
15°	4801.9	5156.5	5653.0	6174.5	6520.8	7338.5	8364.8	9624.7	10238.0	10488.3
17.5°	4042.6	4372.2	4781.1	5344.3	6041.0	6958.8	8318.9	10125.3	10797.0	11089.1
20°	3391.8	3575.4	4051.0	4630.9	5502.8	6570.8	8335.6	10863.8	11848.4	11977.7
22.5°	3137.3	3179.0	3366.8	3900.8	4856.2	6174.5	8631.8	11910.9	13029.0	13454.6
25°	2941.2	2932.9	2982.9	3341.7	4384.7	6020.1	8923.8	12874.7	14339.0	14802.1
27.5°	2832.8	2749.3	2753.5	3091.4	4051.0	5769.8	9299.3	13980.2	15824.2	16028.7
30°	2778.5	2761.8	2711.8	2849.4	3688.0	5394.3	9361.9	15069.1	16700.3	16996.5
32.5°	2745.1	2582.4	2519.9	2569.9	3345.9	4985.5	9595.5	15786.7	17785.0	17655.7
35°	2578.3	2432.2	2390.5	2440.6	3103.9	4756.0	9441.1	16412.5	18598.6	18815.5
37.5°	2515.7	2386.4	2302.9	2261.2	2878.6	4564.1	9361.9	17376.2	19387.1	19908.6
40°	2457.3	2319.6	2219.5	2177.8	2703.4	4309.6	9336.8	18118.8	20296.6	20609.5
42.5°	2390.5	2302.9	2190.3	2115.2	2490.7	4055.1	9049.0	18348.3	20576.1	20914.0
44°	2369.7	2236.2	2119.4	2094.3	2407.2	3925.8	8990.6	18556.9	20818.1	21331.2
45°	2348.8	2223.7	2090.1	2056.8	2378.0	3854.9	8911.3	18606.9	21218.6	21314.5
47.5°	2290.4	2211.1	2081.8	1990.0	2315.4	3700.5	8673.5	18323.2	20809.7	20826.4
50°	2244.5	2152.7	2019.2	1839.8	2232.0	3571.2	8782.0	18218.9	19825.1	19862.7
52.5°	2194.4	2056.8	1981.7	1673.0	2094.3	3462.7	9011.4	18690.4	19937.8	19929.4
55°	2136.0	1985.9	1802.3	1531.1	1864.9	3325.0	9566.3	19620.7	20980.8	21122.6
57.5°	2044.3	1914.9	1652.1	1405.9	1602.0	3062.2	9386.9	17839.3	19303.6	19328.7
60°	1923.3	1802.3	1497.7	1310.0	1314.2	2415.6	8394.0	13901.0	15231.8	15594.8
62.5°	1806.5	1739.7	1368.4	1172.3	1118.1	1923.3	7096.5	11552.1	13074.9	13375.3
65°	1668.8	1506.1	1255.8	1068.0	959.5	1347.5	5027.2	8631.8	10200.4	10605.1
67.5°	1493.6	1318.3	1105.6	938.7	821.9	901.1	2595.0	4906.2	6495.7	6733.5
70°	1305.8	1143.1	930.3	792.7	663.3	621.6	1143.1	2340.5	3550.3	3796.5
72.5°	1072.2	922.0	742.6	625.8	496.5	429.7	383.8	625.8	1259.9	1464.4
75°	776.0	671.7	559.0	446.4	350.4	275.3	225.3	187.7	208.6	225.3
77.5°	571.6	488.1	413.0	317.1	246.1	196.1	154.4	116.8	112.6	108.5
80°	446.4	396.3	329.6	254.5	191.9	146.0	108.5	79.3	70.9	70.9
82.5°	350.4	325.4	271.2	208.6	158.5	116.8	79.3	54.2	45.9	45.9
85°	133.5	133.5	196.1	171.1	121.0	83.4	54.2	29.2	25.0	25.0
87.5°	33.4	33.4	33.4	33.4	29.2	25.0	25.0	12.5	8.3	8.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)