

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: P532892

Luminaire Tested: **GALN-SA8B-735-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P532892  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA8B-735-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 3500K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 31878 lumens  
Efficiency: N/A  
Efficacy: 98.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3

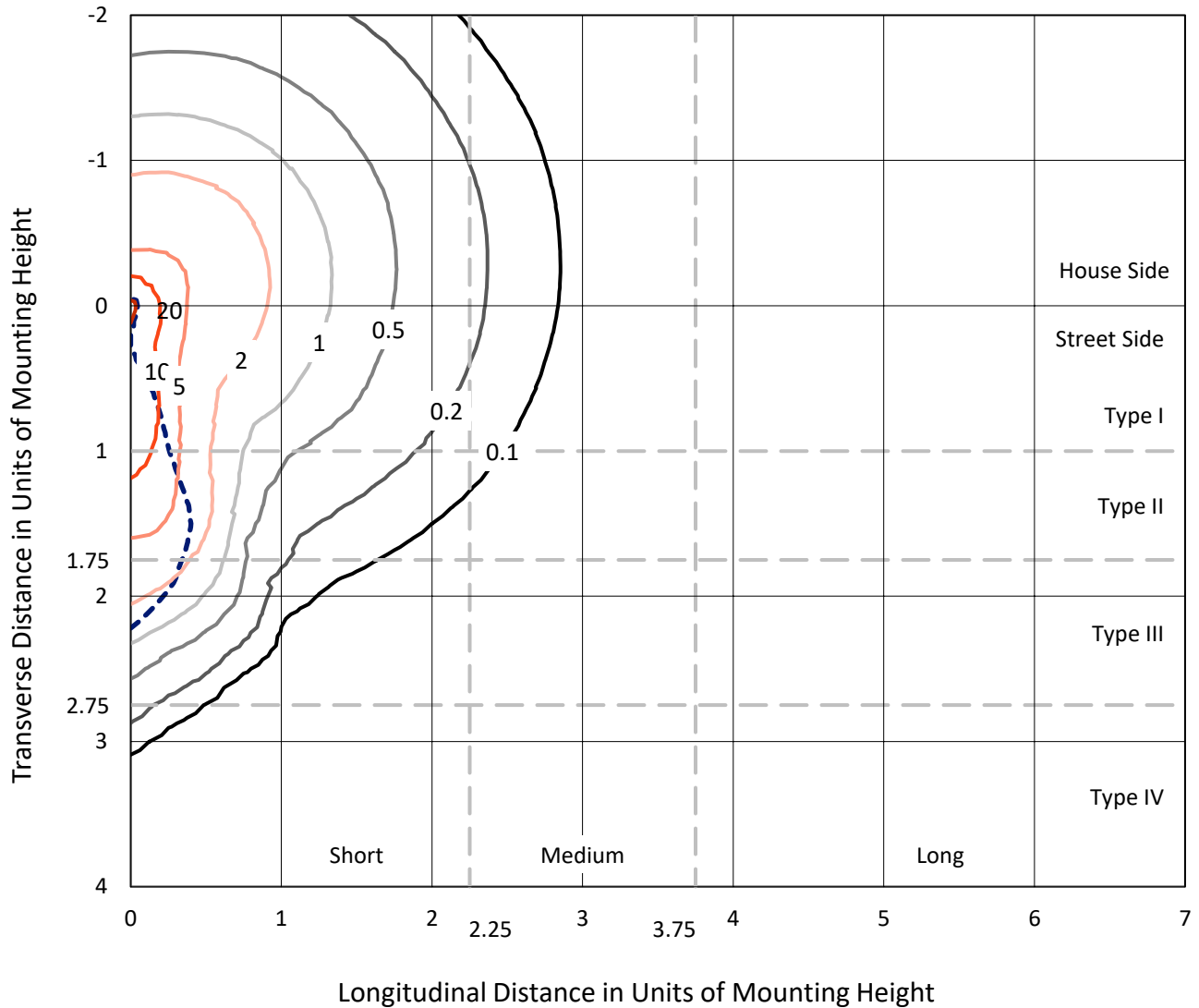
Input Watts (W): 325  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

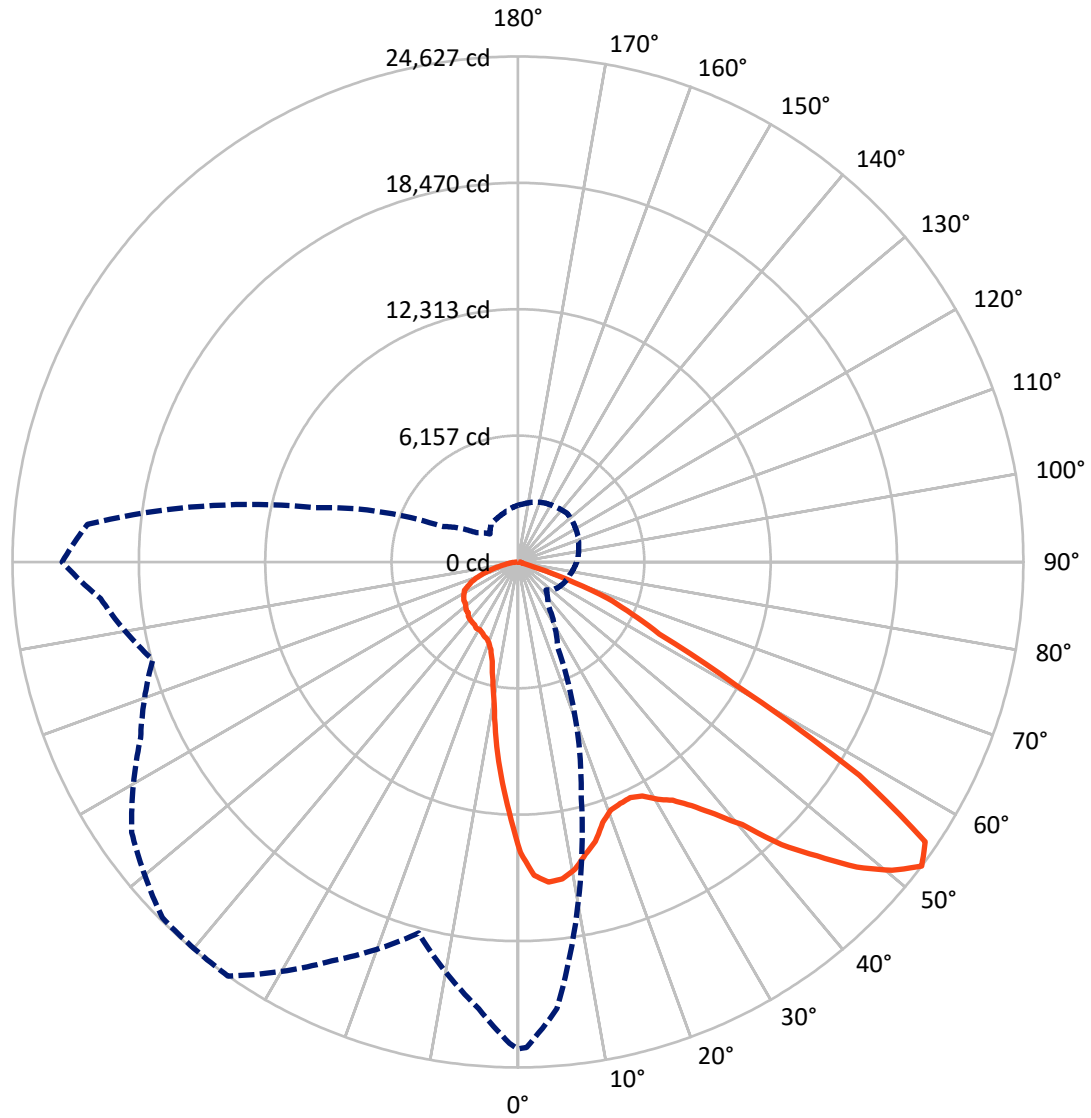
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.6 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral    - - - Horizontal Cone Through 52.5-Deg Vertical

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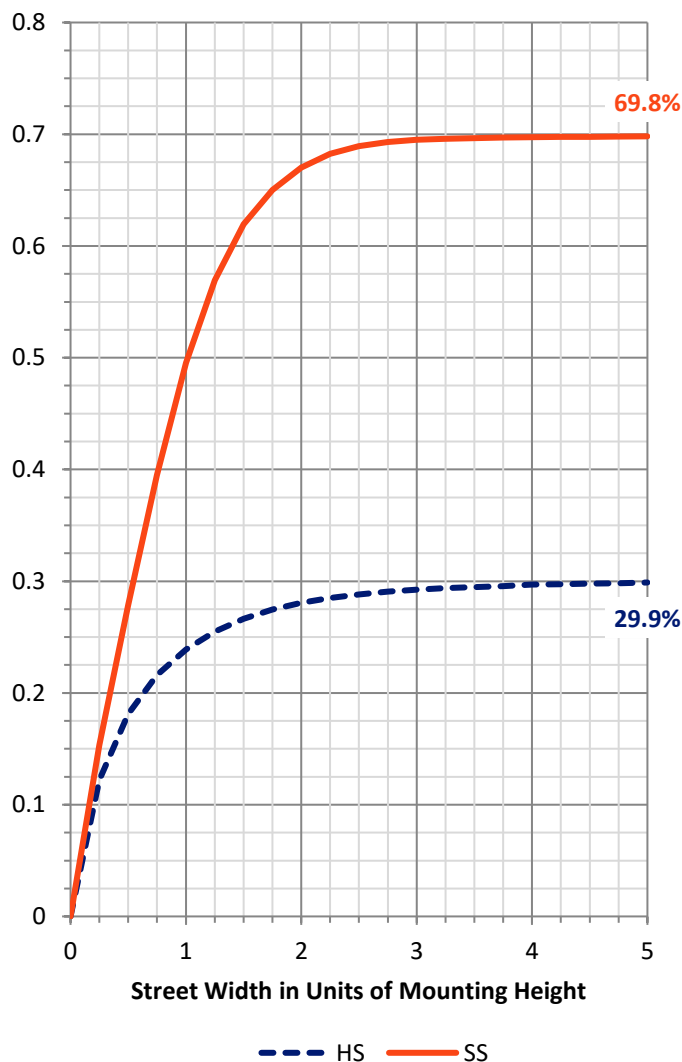
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	9609.9	0.0	9609.9
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	22268.1	0.0	22268.1
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	31878.0	0.0	31878.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1079.3	3.4
10°-20°	2339.9	7.3
20°-30°	3535.3	11.1
30°-40°	5108.7	16.0
40°-50°	6798.8	21.3
50°-60°	7604.6	23.9
60°-70°	4285.9	13.4
70°-80°	955.4	3.0
80°-90°	170.1	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°	31878.0	100.0
0°-180°	31878.0	100.0

**Coefficient of Utilization**



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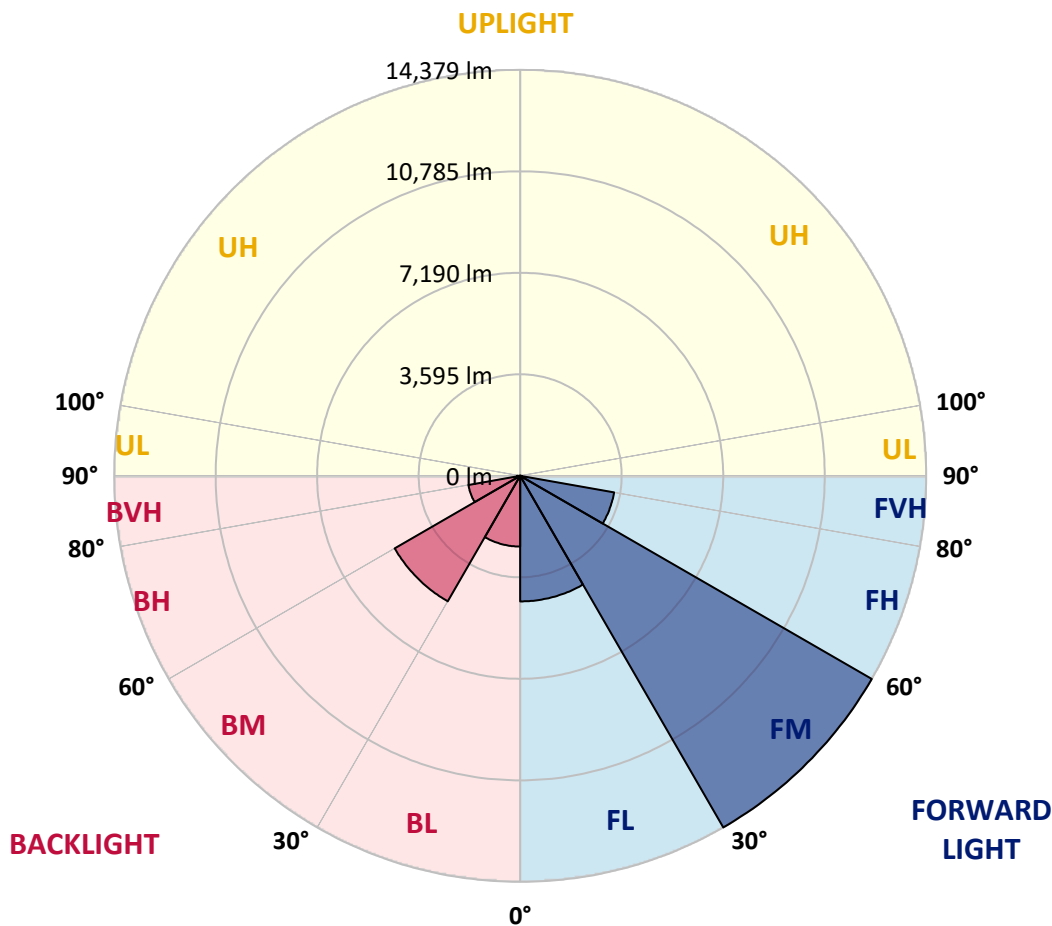
CATALOG NUMBER: GALN-SA8B-735-U-SLR-GRSWH

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4448.5	14.0			
FM (30°-60°)	14379.4	45.1			
FH (60°-80°)	3378.6	10.6			G2/5000
FVH (80°-90°)	61.6	0.2			G1/100
BL (0°-30°)	2506.0	7.9	B4/5000		
BM (30°-60°)	5132.6	16.1	B4/8500		
BH (60°-80°)	1862.7	5.8	B3/2500		G3/2500
BVH (80°-90°)	108.5	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7
2.5°	14383.3	14614.3	14364.8	13921.3	13607.1	13320.6	13020.3	12960.2	12567.5	12498.2	12211.7
5°	13565.5	13514.7	13209.7	12627.5	11985.3	11403.1	10973.4	10557.6	10275.8	9947.7	9924.6
7.5°	12572.1	12276.4	12100.8	11218.3	10423.6	9508.8	9116.0	8483.0	8284.4	7988.7	7836.2
10°	11685.0	11467.8	11056.6	10174.1	9065.2	8459.9	8039.5	7697.6	7466.6	7161.6	6778.1
12.5°	11246.0	11158.3	10696.2	9328.6	8506.1	7859.3	7563.6	7230.9	6838.2	6348.4	6159.0
15°	11324.6	11028.9	10677.7	9166.9	8030.2	7406.5	6935.2	6519.4	6015.8	5549.1	5276.5
17.5°	11911.4	11685.0	10982.7	9268.5	7850.1	6949.1	6094.3	5479.8	5027.0	4606.5	4417.1
20°	13066.5	12738.4	11948.3	9397.9	7461.9	6311.5	5331.9	4574.2	4089.1	3867.3	3802.6
22.5°	14346.3	14152.3	12890.9	9689.0	7152.4	5720.1	4523.4	3765.6	3585.4	3525.4	3645.5
25°	15903.4	15399.8	14355.6	10164.9	6912.1	5216.4	3839.5	3419.1	3326.7	3386.8	3525.4
27.5°	17086.2	16952.2	15381.3	10613.0	6584.1	4611.2	3456.1	3178.8	3206.6	3266.6	3396.0
30°	18490.8	17811.6	16374.7	10922.6	6288.4	4195.3	3188.1	3114.1	3141.9	3243.5	3308.2
32.5°	19336.4	19082.2	16998.4	11389.3	5946.4	3834.9	2980.2	2910.8	2952.4	3104.9	3257.4
35°	20412.9	19909.3	17770.0	11509.4	5706.2	3691.7	2832.3	2781.5	2878.5	2984.8	3155.7
37.5°	21669.7	21323.1	18837.4	11426.2	5576.8	3543.8	2707.6	2684.5	2753.8	2901.6	3100.3
40°	22413.5	22307.3	19396.4	11477.1	5373.5	3414.5	2564.3	2592.0	2735.3	2850.8	3044.8
42.5°	23129.7	22436.6	20223.5	11458.6	5244.1	3238.9	2578.2	2545.8	2656.7	2790.7	2975.5
45°	23286.8	22598.4	20417.5	11329.2	5087.1	3067.9	2471.9	2485.8	2619.8	2786.1	2906.2
47.5°	23185.1	22676.9	20777.9	11292.2	4939.2	2947.8	2314.8	2481.2	2559.7	2693.7	2864.6
50°	23115.8	23088.1	21082.9	11467.8	4740.5	2758.4	2125.4	2421.1	2499.6	2633.6	2818.4
52.5°	23725.7	23665.7	21845.2	11929.9	4583.4	2555.1	1931.3	2268.6	2458.1	2587.4	2767.6
55°	24095.4	23832.0	23152.8	12498.2	4320.1	2287.1	1797.3	2079.2	2356.4	2471.9	2656.7
57.5°	21674.3	21494.1	20944.3	11666.5	3876.5	1935.9	1631.0	1885.1	2217.8	2398.0	2587.4
60°	18033.4	17751.6	16342.3	9915.4	2860.0	1506.2	1529.4	1732.6	2180.8	2250.1	2471.9
62.5°	17003.1	16305.4	14387.9	7979.4	2194.7	1293.7	1372.3	1594.0	1986.8	2102.3	2324.1
65°	13491.6	12974.1	10294.2	5761.6	1469.3	1122.8	1252.1	1436.9	1714.2	1940.6	2143.9
67.5°	8446.1	7951.7	5493.7	2726.0	1025.7	961.0	1118.1	1312.2	1538.6	1741.9	1968.3
70°	4412.5	3871.9	2536.6	984.1	706.9	785.5	933.3	1118.1	1339.9	1506.2	1681.8
72.5°	1644.9	1335.3	827.1	425.1	489.8	600.7	757.7	891.7	1048.8	1252.1	1349.2
75°	254.1	217.2	212.5	258.7	332.7	434.3	540.6	674.6	813.2	942.6	1007.2
77.5°	120.1	115.5	129.4	171.0	221.8	309.6	392.7	522.1	633.0	716.2	753.1
80°	78.5	73.9	83.2	115.5	166.3	231.0	314.2	402.0	503.6	572.9	563.7
82.5°	46.2	50.8	50.8	78.5	115.5	166.3	226.4	304.9	374.3	434.3	397.4
85°	27.7	23.1	23.1	46.2	78.5	134.0	189.4	129.4	134.0	134.0	152.5
87.5°	9.2	9.2	9.2	4.6	9.2	9.2	13.9	23.1	27.7	32.3	41.6
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°	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7
2.5°	12202.5	12345.7	12294.9	12114.7	12253.3	12276.4	12184.0	12502.8	12562.9	12465.8	12493.6
5°	9892.3	9929.2	10012.4	10188.0	10312.7	10460.6	10460.6	10469.8	10345.1	10659.3	10566.8
7.5°	7706.8	7729.9	7827.0	8201.2	8307.5	8589.3	8709.4	8626.3	8376.8	8270.5	8358.3
10°	6653.4	6519.4	6487.0	6533.2	6773.5	6893.6	6995.3	6967.6	6926.0	6842.8	6750.4
12.5°	5951.1	5854.0	5775.5	5664.6	5678.5	5794.0	5872.5	5807.8	5826.3	5844.8	5872.5
15°	5188.7	5119.4	5077.8	4911.5	4893.0	4971.5	4999.3	5036.2	5105.5	5110.2	5077.8
17.5°	4380.1	4320.1	4412.5	4504.9	4440.2	4444.8	4495.6	4528.0	4509.5	4426.3	4384.8
20°	3825.7	3890.4	3982.8	4070.6	4139.9	4181.5	4199.9	4149.1	4089.1	3918.1	3913.5
22.5°	3664.0	3747.1	3825.7	3959.7	4024.4	4130.6	4033.6	3918.1	3834.9	3751.8	3654.7
25°	3543.8	3613.1	3770.2	3821.1	3945.8	4033.6	3964.3	3848.8	3705.6	3585.4	3511.5
27.5°	3456.1	3534.6	3636.3	3774.9	3871.9	3922.7	3853.4	3807.2	3659.4	3516.1	3409.9
30°	3400.6	3483.8	3668.6	3784.1	3867.3	3908.9	3788.7	3733.3	3627.0	3506.9	3414.5
32.5°	3363.6	3437.6	3594.7	3742.5	3798.0	3798.0	3816.4	3751.8	3603.9	3400.6	3322.1
35°	3243.5	3345.2	3474.5	3645.5	3747.1	3807.2	3714.8	3640.9	3543.8	3335.9	3192.7
37.5°	3174.2	3243.5	3409.9	3571.6	3659.4	3724.0	3687.1	3557.7	3428.3	3257.4	3141.9
40°	3100.3	3211.2	3359.0	3511.5	3608.5	3673.2	3645.5	3493.0	3335.9	3174.2	3095.7
42.5°	3049.5	3123.4	3275.9	3446.8	3562.3	3687.1	3603.9	3414.5	3303.6	3081.8	2994.0
45°	3007.9	3128.0	3289.7	3359.0	3479.2	3608.5	3460.7	3345.2	3215.8	3054.1	2980.2
47.5°	2957.1	3067.9	3174.2	3359.0	3414.5	3474.5	3446.8	3262.0	3151.1	2975.5	2924.7
50°	2938.6	2980.2	3174.2	3275.9	3354.4	3414.5	3340.5	3201.9	3095.7	2915.5	2804.6
52.5°	2864.6	2943.2	3067.9	3201.9	3299.0	3372.9	3252.8	3165.0	3021.7	2832.3	2763.0
55°	2772.2	2818.4	3040.2	3178.8	3229.7	3280.5	3234.3	3091.0	2943.2	2749.1	2679.8
57.5°	2652.1	2758.4	2938.6	3132.6	3197.3	3225.0	3151.1	3035.6	2850.8	2679.8	2568.9
60°	2527.4	2638.2	2836.9	2994.0	3058.7	3160.4	3049.5	2980.2	2767.6	2578.2	2458.1
62.5°	2402.6	2527.4	2675.2	2873.9	2929.3	2970.9	2943.2	2846.2	2675.2	2462.7	2314.8
65°	2254.8	2347.2	2532.0	2633.6	2670.6	2767.6	2670.6	2633.6	2481.2	2277.9	2153.1
67.5°	2033.0	2111.5	2273.2	2370.3	2398.0	2439.6	2434.9	2393.4	2222.4	2083.8	1972.9
70°	1778.9	1848.2	1949.8	2065.3	2079.2	2130.0	2083.8	2074.6	1963.7	1774.2	1714.2
72.5°	1427.7	1492.4	1626.4	1677.2	1681.8	1700.3	1677.2	1644.9	1617.1	1418.5	1358.4
75°	1095.0	1132.0	1196.7	1242.9	1242.9	1266.0	1252.1	1219.8	1145.9	1021.1	961.0
77.5°	762.4	799.3	882.5	910.2	905.6	914.8	873.3	840.9	730.0	665.3	614.5
80°	554.4	577.5	619.1	637.6	642.2	656.1	605.3	577.5	512.9	438.9	415.8
82.5°	402.0	415.8	420.5	443.6	443.6	420.5	406.6	378.9	332.7	286.5	268.0
85°	166.3	171.0	175.6	203.3	207.9	249.5	231.0	217.2	189.4	161.7	147.9
87.5°	41.6	46.2	60.1	50.8	60.1	60.1	64.7	73.9	73.9	60.1	60.1
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°	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7
2.5°	12599.8	12636.8	13108.1	13168.1	13399.1	13634.8	14110.7	14452.6	14729.8	14910.0	14960.8
5°	10663.9	10899.5	11116.7	11467.8	11786.6	12239.4	12761.5	13408.4	14221.6	14637.4	14803.7
7.5°	8349.1	8626.3	8940.5	9282.4	9749.0	10562.2	11259.9	12008.4	13048.0	13477.7	14129.2
10°	6815.1	7124.7	7540.5	7803.8	8367.5	9143.8	9957.0	10821.0	11814.4	12433.5	13186.6
12.5°	6025.0	6279.1	6662.6	7217.1	7637.5	8141.1	8746.4	9836.8	11259.9	11846.7	12364.2
15°	5151.7	5433.6	5877.1	6491.7	6995.3	7595.9	8275.1	9462.6	10978.1	11883.7	12322.6
17.5°	4431.0	4634.3	5100.9	5632.3	6209.8	6865.9	7840.8	9444.1	11273.8	12433.5	13149.6
20°	3932.0	3959.7	4213.8	4666.6	5452.1	6306.8	7572.8	9351.7	12220.9	13380.7	14286.3
22.5°	3617.8	3590.0	3594.7	3978.2	4528.0	5757.0	7152.4	9665.9	13297.5	14886.9	15496.8
25°	3460.7	3386.8	3340.5	3423.7	3922.7	5105.5	6833.6	10081.7	14457.2	16129.8	16878.3
27.5°	3377.5	3248.1	3155.7	3169.6	3534.6	4777.5	6634.9	10261.9	15607.7	17862.5	18125.8
30°	3345.2	3183.5	3049.5	3003.3	3243.5	4320.1	6209.8	10571.5	16638.0	18814.3	19040.7
32.5°	3229.7	3031.0	2901.6	2860.0	2957.1	3918.1	5904.9	10793.2	17548.3	19849.2	19770.7
35°	3095.7	2929.3	2767.6	2689.1	2758.4	3659.4	5660.0	10687.0	18620.2	20653.2	20611.6
37.5°	3081.8	2864.6	2730.7	2601.3	2596.7	3340.5	5327.3	10788.6	19304.0	22094.7	21526.4
40°	2961.7	2823.1	2647.5	2541.2	2481.2	3178.8	5003.9	10548.4	20306.6	22676.9	22117.8
42.5°	2966.3	2758.4	2605.9	2481.2	2421.1	2943.2	4782.1	10483.7	20657.8	23624.1	22395.1
45°	2892.4	2689.1	2559.7	2411.8	2379.5	2763.0	4569.6	10183.4	21276.9	23670.3	22048.5
47.5°	2818.4	2638.2	2499.6	2324.1	2250.1	2698.3	4403.2	9933.9	20953.5	23236.0	21568.0
50°	2767.6	2559.7	2430.3	2305.6	2097.7	2587.4	4186.1	9873.8	20500.7	22649.2	20676.3
52.5°	2679.8	2495.0	2361.0	2264.0	1931.3	2485.8	4102.9	10224.9	21055.1	22210.2	20417.5
55°	2596.7	2407.2	2236.3	2046.8	1792.7	2217.8	3871.9	10553.0	21863.7	23222.1	21591.1
57.5°	2508.9	2328.7	2143.9	1917.5	1658.7	1940.6	3631.6	10613.0	20348.2	21461.7	20496.1
60°	2393.4	2162.3	2023.7	1728.0	1515.5	1607.9	2878.5	9356.3	15783.3	17922.5	17954.9
62.5°	2264.0	2014.5	1894.4	1547.8	1367.6	1386.1	2347.2	7863.9	12803.1	14836.1	15718.6
65°	2093.0	1852.8	1709.5	1432.3	1261.4	1201.3	1718.8	5761.6	9725.9	12036.1	13038.8
67.5°	1871.3	1644.9	1464.7	1247.5	1127.4	1030.3	1173.6	3243.5	5743.2	8081.1	8386.0
70°	1635.6	1441.6	1252.1	1071.9	937.9	868.6	859.4	1436.9	2744.5	4347.8	4948.4
72.5°	1289.1	1150.5	998.0	864.0	776.2	674.6	614.5	596.0	928.7	1769.6	2444.2
75°	924.1	808.6	720.8	633.0	568.3	512.9	466.7	425.1	388.1	443.6	609.9
77.5°	582.2	540.6	471.3	448.2	411.2	397.4	378.9	355.8	328.0	309.6	309.6
80°	392.7	365.0	341.9	337.3	323.4	318.8	323.4	300.3	272.6	249.5	258.7
82.5°	263.4	258.7	254.1	249.5	254.1	258.7	268.0	263.4	240.3	226.4	231.0
85°	157.1	166.3	175.6	184.8	203.3	180.2	147.9	124.8	110.9	101.6	97.0
87.5°	60.1	83.2	73.9	69.3	73.9	69.3	64.7	60.1	50.8	46.2	46.2
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: P532892

CATALOG NUMBER: GALN-SA8B-735-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7	14147.7
2.5°	15298.1	15390.5	15469.1	15450.6	15288.9	15071.7	14983.9	14535.8	14443.4	14383.3
5°	15506.0	16042.0	16157.5	16088.2	15667.8	15136.4	14618.9	13962.8	13579.3	13565.5
7.5°	15122.6	15783.3	15991.2	16148.3	15589.2	14665.1	13778.0	12793.9	12553.6	12572.1
10°	14147.7	15201.1	15714.0	15875.7	15233.4	14434.1	13205.1	12207.1	11694.2	11685.0
12.5°	13607.1	14434.1	14577.3	14803.7	14614.3	13805.7	12872.4	11754.3	11255.3	11246.0
15°	13126.5	13671.8	13713.3	14032.1	14133.8	13588.6	12960.2	11768.1	11366.2	11324.6
17.5°	13547.0	13168.1	13011.0	13052.6	13352.9	13551.6	13468.5	12553.6	12142.4	11911.4
20°	13828.8	12983.3	12507.4	12553.6	12909.4	13634.8	14226.2	13690.2	13038.8	13066.5
22.5°	14582.0	13011.0	12267.2	12216.3	12780.0	14069.1	15081.0	15127.2	14498.8	14346.3
25°	15709.3	13329.8	12193.2	12179.4	12719.9	14535.8	16079.0	16827.5	16185.2	15903.4
27.5°	16614.9	13828.8	12424.2	12470.4	12909.4	14914.6	16929.1	17922.5	17432.8	17086.2
30°	17409.7	14346.3	12747.7	12535.1	13417.6	15113.3	17294.1	19170.0	18777.3	18490.8
32.5°	17737.7	15081.0	13260.5	12909.4	13838.1	15353.6	18051.9	20380.6	20043.3	19336.4
35°	18292.1	15492.2	13537.8	13510.0	14572.7	15931.1	18407.7	21179.9	21041.3	20412.9
37.5°	18735.7	15908.0	14521.9	14217.0	15580.0	16901.4	18980.6	22284.2	21965.4	21669.7
40°	19077.6	16651.9	15441.4	15843.3	16818.2	17783.9	19507.3	22353.5	23272.9	22413.5
42.5°	18763.4	17317.2	16952.2	17913.3	18837.4	18791.2	19567.4	22889.4	23577.9	23129.7
45°	18684.9	18444.6	19341.0	20214.2	20426.8	19627.4	19137.7	22298.0	23485.5	23286.8
47.5°	18495.4	19553.5	21115.2	22538.3	22214.9	20186.5	18624.8	22191.8	23540.9	23185.1
50°	18430.8	19793.8	22427.4	23813.5	23619.5	20671.7	18384.6	21507.9	23148.2	23115.8
52.5°	18426.1	20288.2	22972.6	24506.6	24626.7	21438.6	18712.6	21854.5	23453.1	23725.7
55°	18634.1	20131.1	22903.3	24123.1	24076.9	21096.7	18749.6	22085.5	23827.4	24095.4
57.5°	17576.0	18033.4	18902.0	19867.7	19618.2	17474.3	16744.3	20417.5	21868.3	21674.3
60°	15178.0	13745.7	12766.2	12719.9	12234.8	11564.9	13704.1	18222.8	18222.8	18033.4
62.5°	13292.9	9023.6	7753.0	7392.6	7739.2	8510.8	13219.0	17723.8	17220.2	17003.1
65°	11624.9	6889.0	5604.5	5502.9	6103.5	7267.9	11953.0	15099.5	14212.3	13491.6
67.5°	7480.4	5045.5	4167.6	3987.4	4712.8	5336.6	7956.3	9287.0	8727.9	8446.1
70°	4823.7	3285.1	2319.4	2176.2	2458.1	3289.7	5082.4	5415.1	4601.9	4412.5
72.5°	2282.5	1418.5	813.2	670.0	753.1	1256.7	2009.9	2162.3	1797.3	1644.9
75°	725.4	522.1	332.7	286.5	272.6	323.4	462.0	355.8	258.7	254.1
77.5°	323.4	309.6	263.4	221.8	194.1	161.7	134.0	110.9	115.5	120.1
80°	268.0	244.9	217.2	194.1	161.7	124.8	97.0	73.9	73.9	78.5
82.5°	235.6	212.5	189.4	161.7	138.6	101.6	73.9	50.8	46.2	46.2
85°	101.6	120.1	129.4	138.6	110.9	83.2	50.8	32.3	27.7	27.7
87.5°	41.6	37.0	32.3	27.7	23.1	23.1	18.5	13.9	9.2	9.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)