

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: P647500

Luminaire Tested: **GALN-SA6D-835-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P647500  
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-835-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 3500K, 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: 26751.2 lumens  
Efficiency: N/A  
Efficacy: 72.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

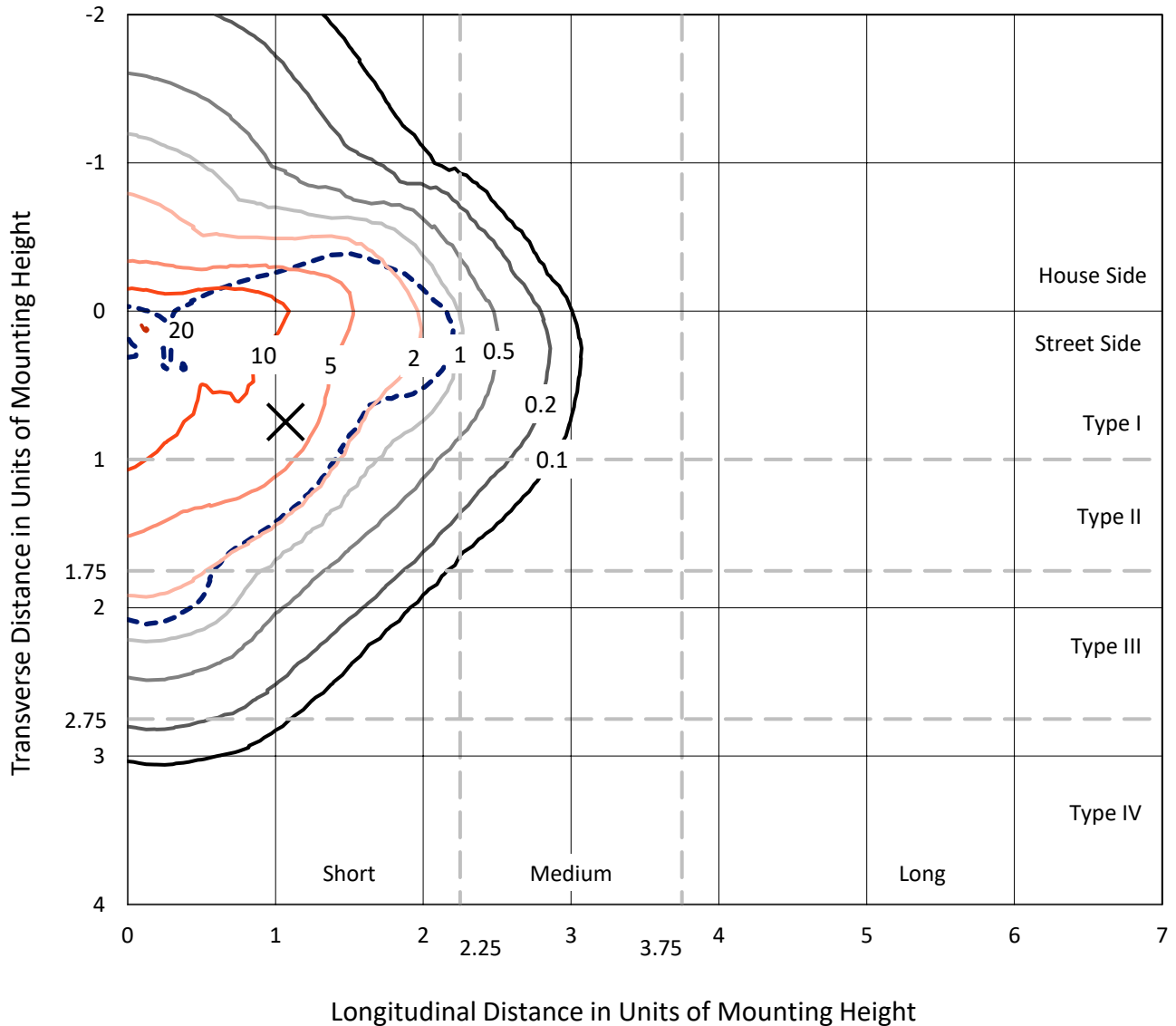
Input Watts (W): 368  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

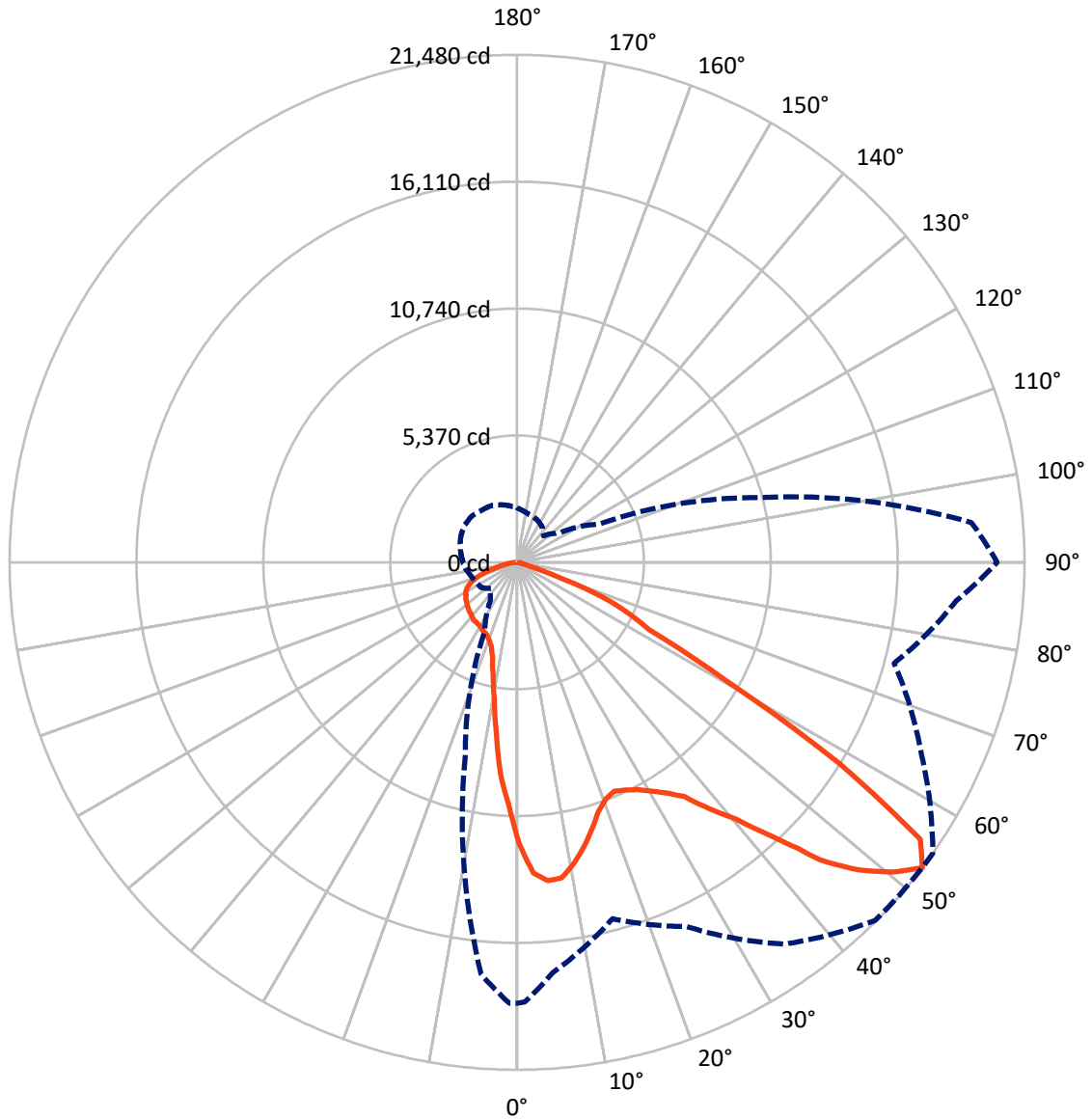
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.3 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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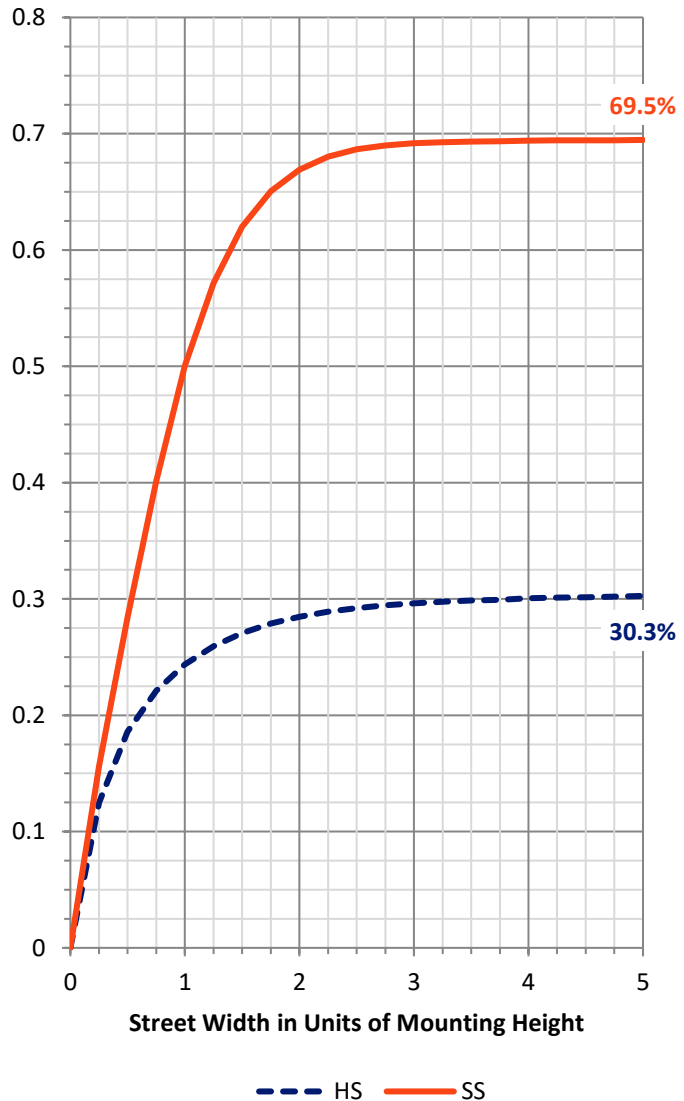
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8160.6	0.0	8160.6
	% Fixture	30.5	0.0	30.5
<b>Street Side</b>	Lumens	18590.6	0.0	18590.6
	% Fixture	69.5	0.0	69.5
<b>Total</b>	Lumens	26751.2	0.0	26751.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	911.7	3.4
10°-20°	1965.7	7.3
20°-30°	2980.6	11.1
30°-40°	4306.5	16.1
40°-50°	5754.7	21.5
50°-60°	6423.5	24.0
60°-70°	3523.6	13.2
70°-80°	761.8	2.8
80°-90°	123.2	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°	26751.2	100.0
0°-180°	26751.2	100.0

**Coefficient of Utilization**

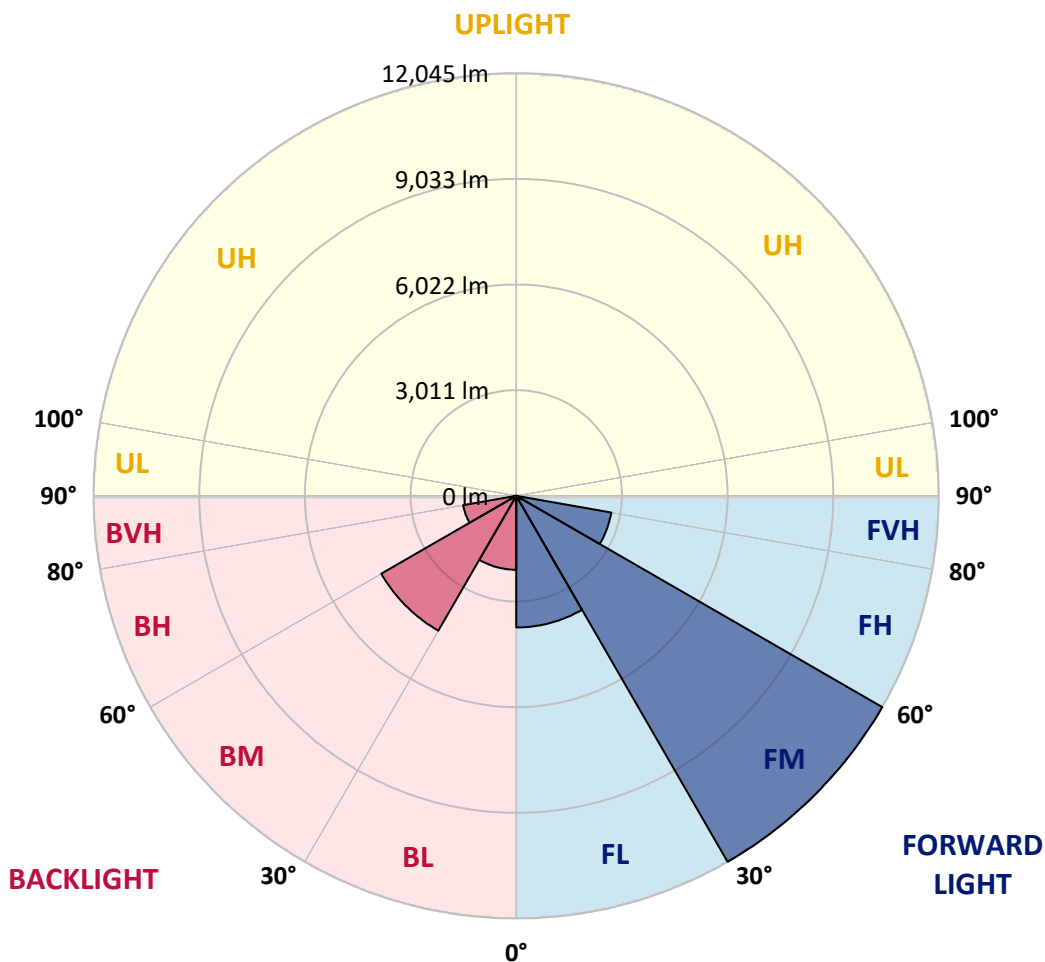


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3751.0	14.0			
FM (30°-60°)	12044.6	45.0			
FH (60°-80°)	2749.4	10.3			G2/5000
FVH (80°-90°)	45.6	0.2			G1/100
BL (0°-30°)	2106.9	7.9	B3/2500		
BM (30°-60°)	4440.0	16.6	B3/5000		
BH (60°-80°)	1536.0	5.7	B3/2500		G3/2500
BVH (80°-90°)	77.6	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1
2.5°	12522.9	12452.6	12515.1	12812.0	12983.9	13101.0	13175.2	13163.5	12882.3	12608.9	12608.9
5°	12155.8	12065.9	12194.8	12866.6	13542.4	13601.0	13698.7	13538.5	13124.5	12624.5	11999.5
7.5°	11093.3	11159.7	11374.6	12257.3	13136.2	13577.5	13694.7	13491.6	12819.7	11886.3	10968.3
10°	10175.4	10331.6	10827.7	11780.8	12589.3	13163.5	13292.4	13007.3	12476.1	11331.6	10511.3
12.5°	9859.0	9761.3	10312.1	11265.2	12038.5	12347.1	12405.8	12425.3	12065.9	11050.3	10050.4
15°	9819.9	9882.4	10312.1	11034.7	11511.3	11526.9	11624.5	11776.9	11823.8	11241.7	10265.2
17.5°	10382.4	10308.2	10749.6	11323.7	11097.2	10870.6	10894.1	11112.8	11499.5	11405.8	10940.9
20°	11214.4	11382.3	11730.0	11671.4	11062.1	10487.8	10491.7	10698.8	11460.5	12085.4	11882.3
22.5°	12597.1	12761.2	13019.0	12312.0	11062.1	10374.6	10241.8	10523.0	11710.5	12894.0	12944.8
25°	13858.8	14159.5	14229.9	13397.9	11616.7	10480.1	10394.1	10671.4	11960.5	13683.0	14163.5
27.5°	15007.2	15116.6	15425.2	14097.1	11925.3	10550.4	10542.5	10898.0	12276.8	14077.6	15253.3
30°	15913.4	15901.7	16077.5	14538.4	12417.4	10944.9	10566.0	11237.9	12690.9	14729.9	16261.0
32.5°	16530.5	16663.4	17034.5	15151.8	12624.5	11319.8	11023.0	11636.2	13194.8	15038.5	16972.0
35°	17616.5	17846.9	17378.2	15491.6	13280.7	11690.9	11343.3	12179.2	13444.7	15374.4	17843.0
37.5°	18639.9	18464.1	17987.5	15675.1	13706.5	12378.4	12054.2	13230.0	14222.1	16104.8	18421.1
40°	19296.1	19292.2	18444.6	15823.6	14007.2	13429.2	13409.6	14296.2	15175.2	16565.7	19069.5
42.5°	19581.2	19854.7	18632.0	15807.9	14640.0	14702.5	15097.0	15890.0	15850.9	16659.5	19053.9
44°	19971.8	20135.9	18956.3	15843.1	15061.9	15561.9	16491.5	16995.4	16440.7	16608.7	19034.3
45°	19956.2	19967.9	18495.3	15890.0	15421.3	16280.6	17112.5	17964.1	16960.2	16499.3	19292.2
47.5°	19499.2	19366.4	18104.8	15542.3	16542.3	18178.9	18948.4	19464.0	17600.8	16264.9	18971.9
50°	18596.9	18444.6	17155.5	15393.9	16776.6	19358.6	20421.0	20608.6	18182.8	16034.5	18655.4
52.5°	18659.4	18616.5	17425.0	15616.5	17011.0	19729.6	21432.7	21479.6	18843.0	16518.9	18659.4
55°	19776.5	19628.1	18198.5	15893.9	16839.1	19296.1	20788.2	20706.2	18620.3	16225.9	19003.1
57.5°	18096.9	18194.6	17128.2	14796.3	14737.7	15686.9	16343.1	16140.0	15538.4	14643.9	17679.0
60°	14601.0	14878.3	14979.9	12374.5	11120.6	10632.4	10437.1	10077.7	10179.2	12030.7	15530.6
62.5°	12522.9	12507.3	13144.0	11218.3	7284.9	6265.3	6171.6	6253.7	7425.5	11843.3	15210.3
65°	9929.3	10194.9	10390.2	9507.4	5765.4	4652.1	4648.3	5167.7	6425.5	9898.1	12280.7
67.5°	6304.4	6652.1	6894.2	6081.8	3855.3	3312.3	3222.5	3847.5	4452.9	6491.9	7394.3
70°	3554.5	3718.6	3827.9	3507.7	2453.1	1718.7	1617.1	1765.6	2691.3	4203.0	4382.6
72.5°	1371.0	1445.3	1593.7	1605.4	925.7	554.7	449.2	539.0	1132.8	1664.0	1585.9
75°	210.9	226.5	320.3	382.8	265.6	203.1	214.9	222.7	316.4	429.6	359.4
77.5°	101.6	101.6	97.6	113.3	132.8	144.5	156.2	171.9	187.5	207.0	199.2
80°	66.4	66.4	66.4	78.1	97.6	117.2	132.8	140.6	148.5	164.0	156.2
82.5°	43.0	43.0	43.0	58.6	78.1	97.6	105.5	125.0	140.6	164.0	152.4
85°	23.4	23.4	23.4	39.1	58.6	82.1	78.1	62.5	35.2	3.9	7.8
87.5°	7.8	7.8	7.8	7.8	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°	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1
2.5°	12280.7	12101.0	12085.4	11718.3	11390.1	11230.0	11101.1	10741.7	10819.9	10612.9	10608.9
5°	11687.0	11319.8	10726.1	10237.9	9749.6	9652.0	9226.2	8855.1	8866.8	8601.2	8648.1
7.5°	10620.7	10366.8	9644.1	8878.5	8230.1	7769.2	7366.9	7124.7	6816.1	6710.6	6656.0
10°	9944.9	9632.4	8819.9	7859.0	7132.5	6886.4	6499.8	6284.9	5968.5	5812.3	5702.9
12.5°	9648.0	9191.0	8175.5	7198.9	6714.5	6460.7	6132.5	5742.0	5367.0	5222.5	5023.3
15°	9679.3	9132.4	7987.9	6933.3	6351.3	5859.1	5566.2	5132.6	4749.8	4495.9	4351.4
17.5°	10151.9	9487.9	8073.9	6730.2	5894.3	5277.1	4702.9	4234.2	3929.6	3738.1	3691.2
20°	11269.1	10366.8	8218.4	6402.0	5437.3	4667.8	3960.8	3472.5	3238.2	3234.3	3238.2
22.5°	12198.7	11304.2	8511.4	6206.8	4980.3	3886.6	3183.4	3027.2	2980.3	3078.0	3089.7
25°	13452.6	12358.9	9015.2	6105.2	4558.4	3312.3	2878.8	2820.2	2816.3	2941.3	2945.2
27.5°	14737.7	13280.7	9316.1	5808.4	4128.8	3015.5	2695.2	2683.5	2746.0	2878.8	2867.0
30°	15612.6	14054.1	9859.0	5452.9	3621.0	2753.8	2621.0	2636.6	2722.6	2824.1	2839.7
32.5°	16632.1	14815.8	9999.6	5257.6	3308.5	2535.0	2441.3	2476.5	2585.9	2746.0	2831.9
35°	17800.0	15354.9	10214.4	4992.0	3191.3	2367.1	2320.2	2359.3	2492.1	2597.5	2691.3
37.5°	18663.3	16307.9	10253.5	4785.0	3062.4	2273.4	2199.1	2328.0	2406.2	2554.6	2601.4
40°	19303.9	16999.3	10355.0	4656.0	2960.8	2152.2	2152.2	2238.2	2343.7	2480.4	2574.1
42.5°	19714.1	17503.2	10429.2	4538.9	2765.5	2117.1	2097.6	2183.5	2324.1	2456.9	2499.9
44°	19964.0	17718.0	10355.0	4429.5	2710.8	2074.2	2074.2	2148.3	2257.7	2414.0	2464.7
45°	20026.6	17987.5	10191.0	4425.6	2644.4	2023.4	2015.5	2156.1	2230.4	2421.7	2453.1
47.5°	20268.7	18319.5	10210.6	4300.6	2484.3	1902.3	2039.0	2101.5	2167.9	2335.8	2441.3
50°	20260.9	18526.6	10167.6	4117.0	2367.1	1765.6	1992.1	2062.4	2128.8	2300.7	2343.7
52.5°	20315.6	19300.0	10562.0	3824.1	2156.1	1589.8	1835.9	1992.1	2074.2	2218.6	2308.5
55°	20288.2	19741.4	10952.7	3605.3	1859.3	1484.3	1703.0	1886.6	2003.9	2156.1	2199.1
57.5°	18530.5	17448.5	10136.3	3195.2	1539.0	1359.3	1515.6	1777.3	1925.7	2081.9	2136.7
60°	15140.0	13448.7	8359.0	2351.4	1265.6	1250.0	1410.1	1742.1	1804.6	1941.3	2035.1
62.5°	13991.6	11796.4	6628.6	1796.8	1081.9	1144.5	1300.7	1574.1	1671.8	1839.7	1925.7
65°	10948.8	7835.6	4105.3	1214.8	953.1	1027.3	1175.8	1378.9	1539.0	1695.3	1796.8
67.5°	6484.1	4281.1	2031.2	851.5	832.0	910.1	1062.5	1214.8	1398.4	1570.2	1621.0
70°	3531.1	2105.4	867.2	648.4	707.0	777.3	925.7	1031.2	1207.0	1339.8	1425.7
72.5°	1132.8	640.6	433.5	480.4	539.0	621.1	710.9	839.8	964.8	1043.0	1113.3
75°	273.4	269.5	308.6	335.9	390.6	453.1	527.4	593.7	691.4	765.6	828.1
77.5°	191.4	207.0	238.3	277.3	296.8	320.3	367.1	418.0	461.0	515.6	554.7
80°	148.5	160.1	183.6	203.1	222.7	242.2	265.6	285.2	312.5	347.7	367.1
82.5°	140.6	148.5	171.9	183.6	175.8	171.9	187.5	195.3	199.2	210.9	222.7
85°	11.7	0.0	7.8	27.3	66.4	97.6	105.5	105.5	101.6	109.4	109.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	15.7	11.7
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1
2.5°	10562.0	10429.2	10480.1	10542.5	10452.7	10245.6	10300.4	10277.0	10487.8	10472.2	10683.2
5°	8855.1	8648.1	8671.5	8976.2	8878.5	8984.0	8773.0	8745.7	8784.8	8804.3	8839.4
7.5°	6777.1	6749.7	6984.1	7241.9	7362.9	7238.0	7030.9	6984.1	6941.1	6855.2	7050.5
10°	5531.0	5538.9	5523.2	5718.5	5855.2	5827.9	5702.9	5687.2	5605.3	5574.0	5683.3
12.5°	4937.3	4831.8	4781.1	4718.6	4824.0	4894.3	4839.6	4800.6	4804.5	4843.6	4859.1
15°	4363.1	4296.7	4187.3	4117.0	4167.8	4132.7	4113.1	4191.2	4171.7	4163.9	4257.6
17.5°	3718.6	3773.3	3765.4	3687.4	3753.8	3726.4	3722.5	3667.8	3593.6	3538.9	3570.2
20°	3292.8	3394.4	3472.5	3476.4	3511.6	3507.7	3449.1	3281.1	3226.4	3214.7	3222.5
22.5°	3140.5	3195.2	3288.9	3421.7	3421.7	3359.2	3288.9	3093.6	3042.8	2988.2	2964.8
25°	3019.4	3124.9	3245.9	3261.6	3324.1	3265.5	3152.2	3054.6	2949.1	2874.9	2874.9
27.5°	2956.9	3074.1	3163.9	3191.3	3277.2	3230.3	3113.1	2988.2	2863.2	2859.3	2792.9
30°	2929.6	3038.9	3097.5	3163.9	3203.0	3128.8	3093.6	2960.8	2835.8	2804.5	2695.2
32.5°	2847.5	3003.7	3113.1	3097.5	3128.8	3097.5	3046.7	2937.3	2796.8	2726.5	2714.7
35°	2753.8	2910.0	3027.2	3109.2	3128.8	3062.4	3031.1	2882.7	2691.3	2656.2	2535.0
37.5°	2703.0	2796.8	2941.3	3074.1	3101.5	3066.3	2960.8	2808.5	2617.1	2578.0	2472.6
40°	2640.5	2761.6	2874.9	2984.2	3066.3	2980.3	2859.3	2710.8	2624.9	2507.7	2476.5
42.5°	2593.6	2730.3	2824.1	2945.2	3038.9	2925.7	2785.1	2683.5	2562.4	2484.3	2394.4
44°	2578.0	2703.0	2765.5	2913.9	2992.1	2906.1	2789.0	2683.5	2542.9	2472.6	2394.4
45°	2523.3	2695.2	2761.6	2894.4	2960.8	2890.5	2742.1	2636.6	2535.0	2449.1	2367.1
47.5°	2468.6	2585.9	2699.1	2804.5	2851.5	2828.0	2703.0	2574.1	2453.1	2402.2	2324.1
50°	2453.1	2570.2	2675.7	2773.3	2828.0	2781.1	2667.8	2542.9	2402.2	2320.2	2253.8
52.5°	2374.9	2519.5	2636.6	2667.8	2738.2	2710.8	2624.9	2488.2	2355.3	2285.0	2230.4
55°	2261.6	2414.0	2574.1	2613.2	2714.7	2671.8	2542.9	2414.0	2300.7	2195.2	2124.9
57.5°	2218.6	2367.1	2523.3	2574.1	2636.6	2566.3	2535.0	2398.3	2218.6	2164.0	2054.6
60°	2109.3	2296.8	2425.7	2542.9	2546.8	2527.2	2472.6	2316.3	2167.9	2066.3	1988.2
62.5°	2023.4	2199.1	2300.7	2410.1	2476.5	2421.7	2367.1	2222.5	2062.4	1949.1	1859.3
65°	1898.4	2058.5	2144.5	2210.9	2285.0	2277.3	2183.5	2078.0	1910.1	1820.2	1734.3
67.5°	1706.9	1847.6	1964.8	2027.3	2074.2	2062.4	1992.1	1917.9	1746.0	1656.2	1593.7
70°	1476.5	1621.0	1695.3	1730.4	1777.3	1800.7	1746.0	1710.9	1558.6	1441.3	1382.8
72.5°	1187.4	1281.2	1390.5	1421.8	1441.3	1457.0	1457.0	1425.7	1269.5	1222.6	1121.0
75°	875.0	949.2	1031.2	1031.2	1066.4	1070.3	1078.1	1058.5	941.4	878.8	855.4
77.5°	593.7	648.4	714.8	742.1	765.6	761.7	757.8	703.1	640.6	613.2	589.8
80°	386.7	441.4	472.6	507.8	531.3	527.4	535.1	496.1	468.7	421.9	429.6
82.5°	230.4	273.4	304.7	347.7	347.7	359.4	359.4	347.7	320.3	296.8	296.8
85°	109.4	144.5	164.0	191.4	207.0	210.9	187.5	160.1	132.8	121.1	132.8
87.5°	19.5	27.3	39.1	35.2	43.0	39.1	39.1	39.1	39.1	31.2	35.2
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: P647500

CATALOG NUMBER: GALN-SA6D-835-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1	11933.1
2.5°	10605.0	10800.3	10937.0	11163.6	11554.2	11866.7	12187.0	12425.3	12452.6	12522.9
5°	8968.4	9073.9	9421.5	9874.6	10194.9	10722.2	11062.1	11679.2	11909.7	12155.8
7.5°	7003.6	7175.5	7640.3	7945.0	8648.1	9308.2	9991.8	10753.5	11058.2	11093.3
10°	5906.0	6156.0	6472.4	6960.6	7343.4	8077.8	8929.3	9776.9	10116.8	10175.4
12.5°	5187.3	5507.6	5929.4	6281.0	6648.1	7288.8	8105.1	9151.9	9593.3	9859.0
15°	4495.9	4827.9	5292.8	5781.0	6105.2	6870.8	7831.7	9011.3	9585.6	9819.9
17.5°	3785.0	4093.6	4476.4	5003.7	5656.0	6515.3	7788.7	9480.1	10108.9	10382.4
20°	3175.6	3347.5	3792.8	4335.8	5152.1	6152.1	7804.4	10171.5	11093.3	11214.4
22.5°	2937.3	2976.4	3152.2	3652.2	4546.7	5781.0	8081.7	11151.9	12198.7	12597.1
25°	2753.8	2746.0	2792.9	3128.8	4105.3	5636.5	8355.2	12054.2	13425.2	13858.8
27.5°	2652.3	2574.1	2578.0	2894.4	3792.8	5402.2	8706.6	13089.3	14815.8	15007.2
30°	2601.4	2585.9	2539.0	2667.8	3453.0	5050.6	8765.3	14108.8	15636.0	15913.4
32.5°	2570.2	2417.9	2359.3	2406.2	3132.7	4667.8	8984.0	14780.6	16651.7	16530.5
35°	2414.0	2277.3	2238.2	2285.0	2906.1	4452.9	8839.4	15366.5	17413.4	17616.5
37.5°	2355.3	2234.3	2156.1	2117.1	2695.2	4273.2	8765.3	16268.9	18151.6	18639.9
40°	2300.7	2171.8	2078.0	2039.0	2531.1	4035.0	8741.8	16964.2	19003.1	19296.1
42.5°	2238.2	2156.1	2050.7	1980.4	2331.9	3796.7	8472.3	17178.9	19264.9	19581.2
44°	2218.6	2093.7	1984.3	1960.9	2253.8	3675.6	8417.6	17374.3	19491.4	19971.8
45°	2199.1	2081.9	1957.0	1925.7	2226.5	3609.2	8343.4	17421.1	19866.4	19956.2
47.5°	2144.5	2070.3	1949.1	1863.2	2167.9	3464.7	8120.7	17155.5	19483.5	19499.2
50°	2101.5	2015.5	1890.6	1722.6	2089.7	3343.6	8222.3	17057.9	18561.7	18596.9
52.5°	2054.6	1925.7	1855.4	1566.3	1960.9	3242.1	8437.1	17499.3	18667.2	18659.4
55°	1999.9	1859.3	1687.4	1433.5	1746.0	3113.1	8956.7	18370.4	19643.7	19776.5
57.5°	1914.0	1792.9	1546.8	1316.4	1499.9	2867.0	8788.7	16702.4	18073.4	18096.9
60°	1800.7	1687.4	1402.3	1226.5	1230.4	2261.6	7859.0	13015.1	14261.2	14601.0
62.5°	1691.4	1628.9	1281.2	1097.6	1046.9	1800.7	6644.2	10816.0	12241.7	12522.9
65°	1562.4	1410.1	1175.8	1000.0	898.4	1261.6	4706.8	8081.7	9550.4	9929.3
67.5°	1398.4	1234.3	1035.1	878.8	769.5	843.7	2429.6	4593.5	6081.8	6304.4
70°	1222.6	1070.3	871.1	742.1	621.1	582.0	1070.3	2191.3	3324.1	3554.5
72.5°	1003.9	863.3	695.3	585.9	464.8	402.3	359.4	585.9	1179.7	1371.0
75°	726.5	628.9	523.4	418.0	328.1	257.8	210.9	175.8	195.3	210.9
77.5°	535.1	457.0	386.7	296.8	230.4	183.6	144.5	109.4	105.5	101.6
80°	418.0	371.1	308.6	238.3	179.7	136.7	101.6	74.2	66.4	66.4
82.5°	328.1	304.7	253.9	195.3	148.5	109.4	74.2	50.8	43.0	43.0
85°	125.0	125.0	183.6	160.1	113.3	78.1	50.8	27.3	23.4	23.4
87.5°	31.2	31.2	31.2	31.2	27.3	23.4	23.4	11.7	7.8	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)