

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: P531018

Luminaire Tested: **GALN-SA6B-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531018
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-SA6B-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3500K, 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: 23409 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

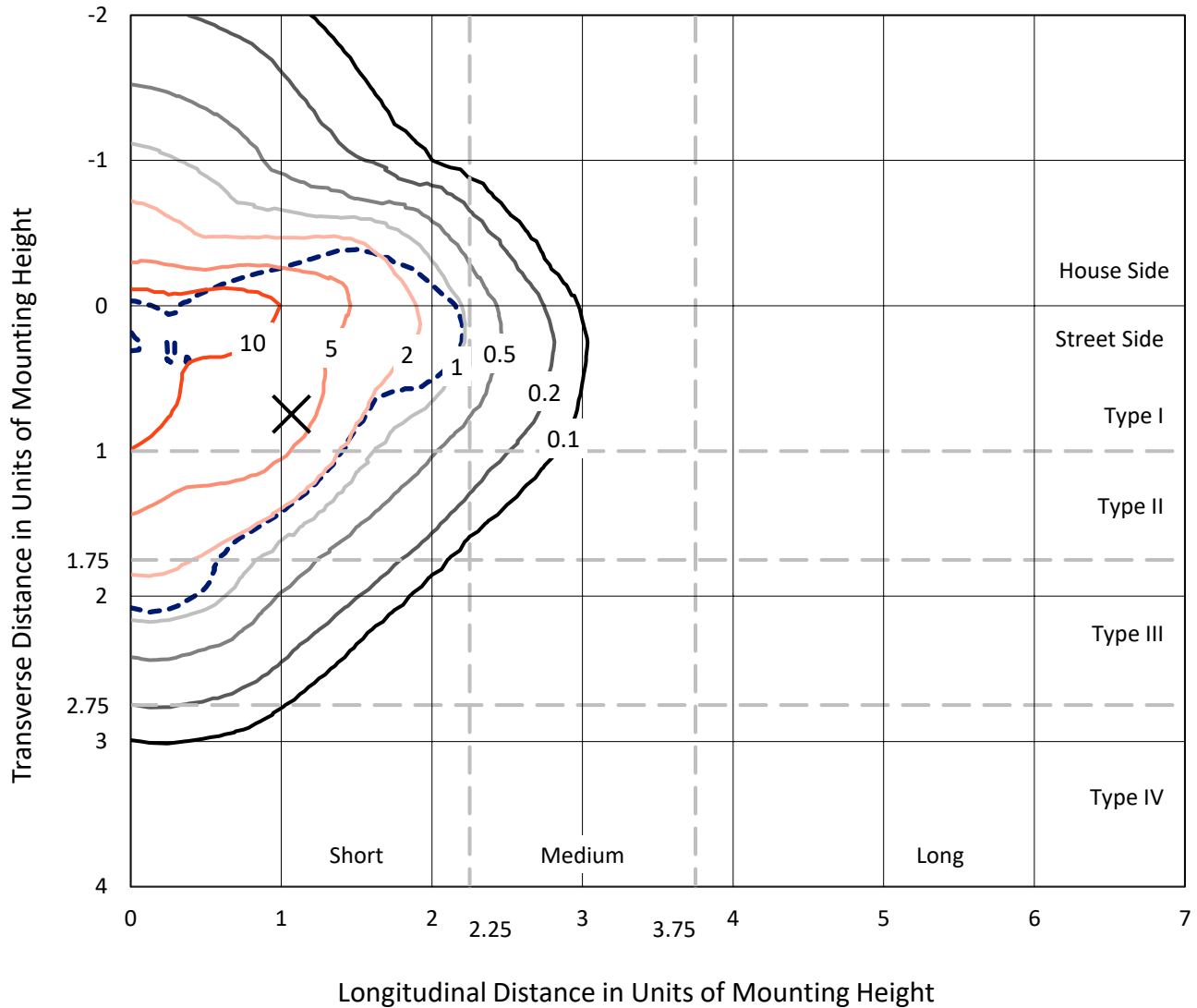
Input Watts (W): 243
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

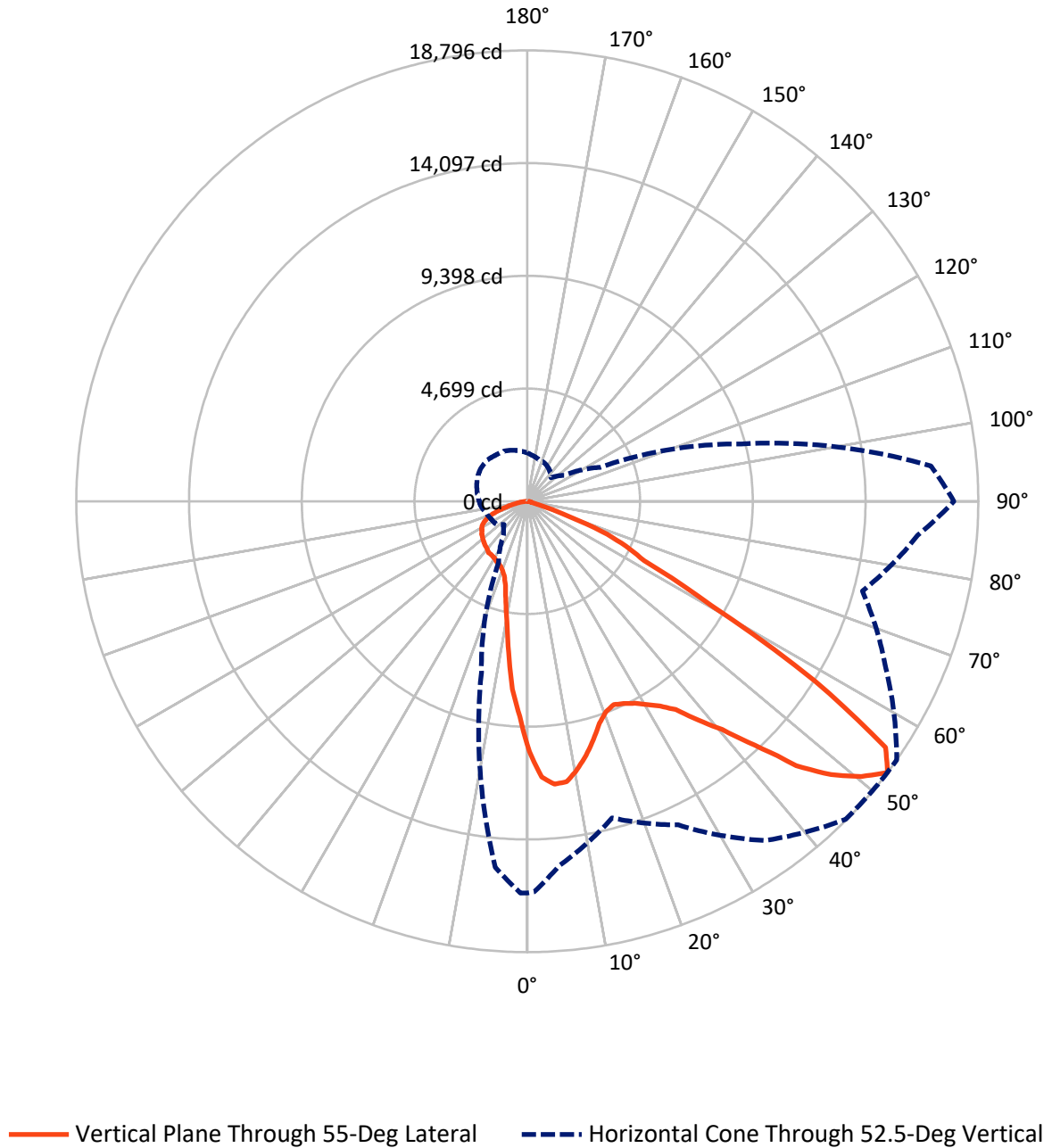
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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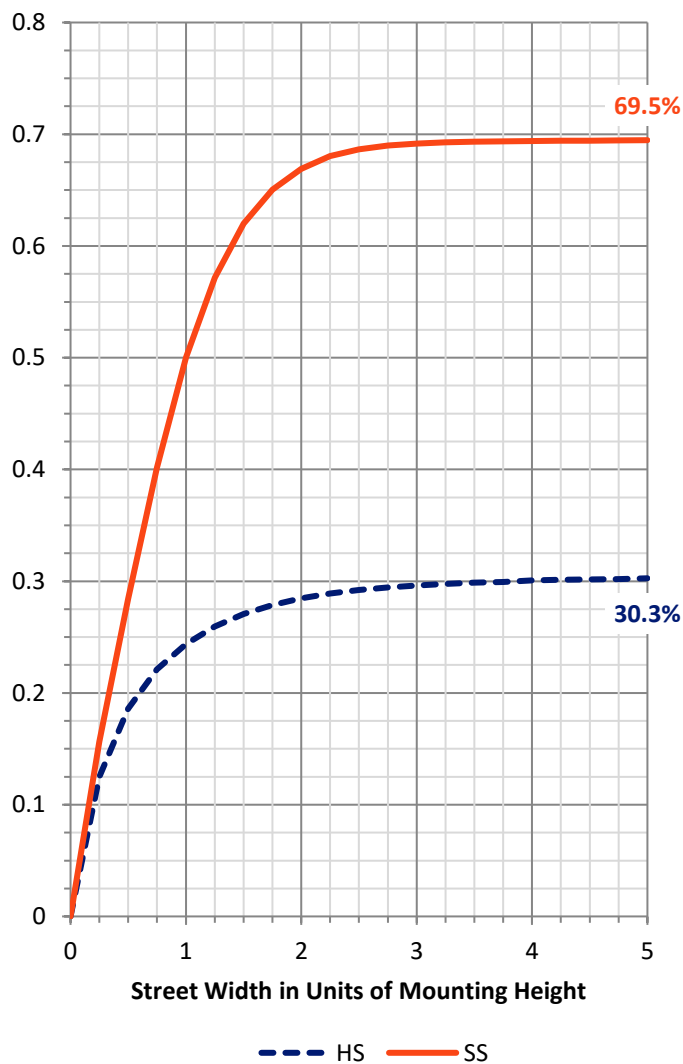
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7141.0	0.0	7141.0
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	16268.0	0.0	16268.0
	% Fixture	69.5	0.0	69.5
Total	Lumens	23409.0	0.0	23409.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	797.8	3.4
10°-20°	1720.1	7.3
20°-30°	2608.2	11.1
30°-40°	3768.5	16.1
40°-50°	5035.7	21.5
50°-60°	5621.0	24.0
60°-70°	3083.3	13.2
70°-80°	666.6	2.8
80°-90°	107.8	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°	23409.0	100.0
0°-180°	23409.0	100.0

Coefficient of Utilization



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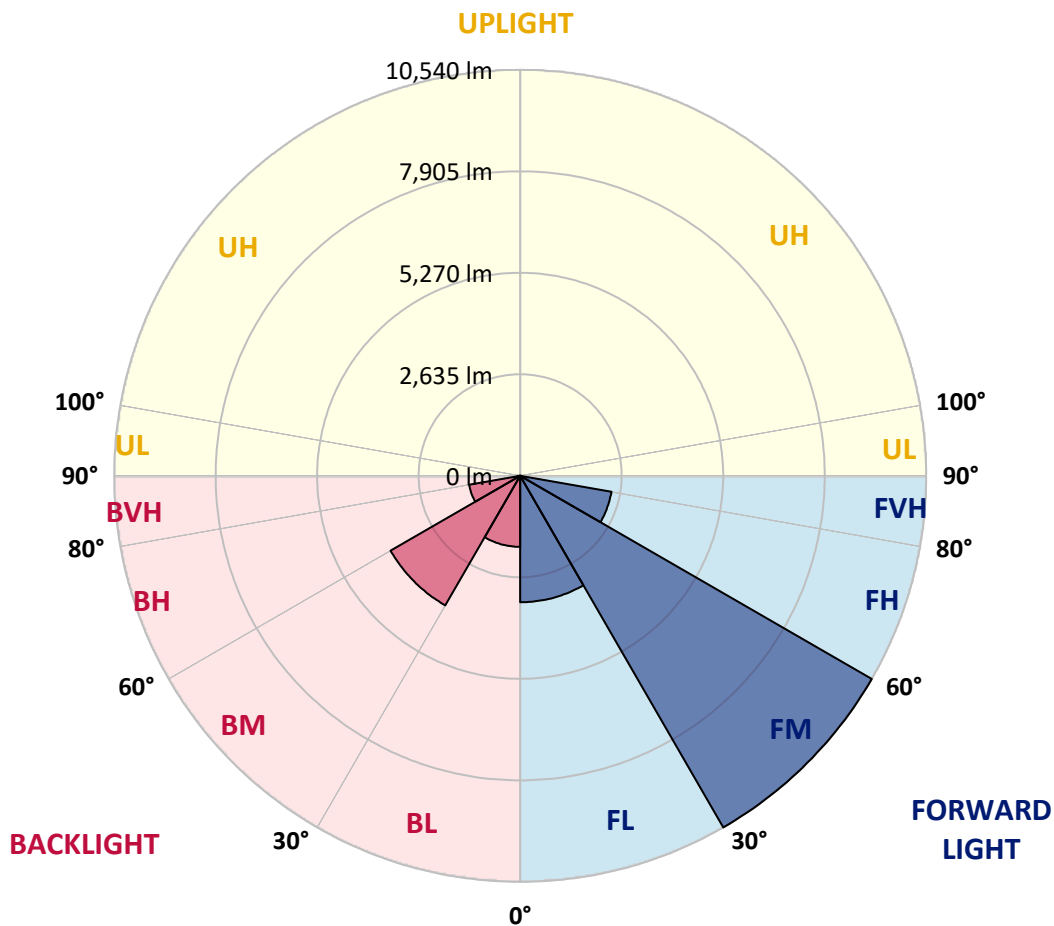
CATALOG NUMBER: GALN-SA6B-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3282.4	14.0			
FM (30°-60°)	10539.8	45.0			
FH (60°-80°)	2405.9	10.3			G2/5000
FVH (80°-90°)	39.9	0.2			G1/100
BL (0°-30°)	1843.7	7.9	B3/2500		
BM (30°-60°)	3885.3	16.6	B3/5000		
BH (60°-80°)	1344.1	5.7	B3/2500		G3/2500
BVH (80°-90°)	67.9	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





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2
2.5°	10958.4	10896.8	10951.5	11211.3	11361.7	11464.2	11529.2	11518.9	11272.8	11033.6	11033.6
5°	10637.1	10558.4	10671.2	11259.1	11850.5	11901.7	11987.2	11847.1	11484.7	11047.2	10500.3
7.5°	9707.3	9765.4	9953.4	10725.9	11495.0	11881.2	11983.8	11806.0	11218.1	10401.2	9598.0
10°	8904.1	9040.8	9474.9	10308.9	11016.5	11518.9	11631.7	11382.2	10917.3	9915.8	9198.0
12.5°	8627.2	8541.8	9023.7	9857.7	10534.5	10804.5	10855.8	10872.9	10558.4	9669.7	8794.7
15°	8593.0	8647.7	9023.7	9656.1	10073.1	10086.7	10172.2	10305.5	10346.5	9837.2	8982.7
17.5°	9085.2	9020.3	9406.5	9909.0	9710.8	9512.5	9533.0	9724.4	10062.8	9980.8	9574.0
20°	9813.3	9960.3	10264.5	10213.2	9680.0	9177.5	9181.0	9362.1	10028.6	10575.5	10397.8
22.5°	11023.3	11166.9	11392.5	10773.8	9680.0	9078.4	8962.2	9208.3	10247.4	11283.1	11327.5
25°	12127.3	12390.5	12452.1	11724.0	10165.4	9170.7	9095.5	9338.2	10466.2	11973.5	12393.9
27.5°	13132.3	13228.0	13498.0	12335.8	10435.4	9232.2	9225.4	9536.4	10743.0	12318.7	13347.6
30°	13925.2	13915.0	14068.8	12722.1	10866.1	9577.5	9245.9	9833.8	11105.3	12889.6	14229.5
32.5°	14465.3	14581.5	14906.2	13258.7	11047.2	9905.6	9645.8	10182.5	11546.3	13159.6	14851.5
35°	15415.5	15617.2	15207.0	13556.1	11621.5	10230.3	9926.1	10657.6	11765.0	13453.6	15613.8
37.5°	16311.1	16157.2	15740.2	13716.7	11994.0	10831.9	10548.2	11577.0	12445.2	14092.7	16119.7
40°	16885.3	16881.9	16140.2	13846.6	12257.2	11751.3	11734.3	12510.2	13279.2	14496.1	16687.1
42.5°	17134.8	17374.1	16304.2	13833.0	12811.0	12865.6	13210.9	13904.7	13870.6	14578.1	16673.4
44°	17476.6	17620.2	16587.9	13863.7	13180.1	13617.6	14431.1	14872.1	14386.7	14533.7	16656.3
45°	17463.0	17473.2	16184.6	13904.7	13494.6	14246.5	14974.6	15719.7	14841.3	14438.0	16881.9
47.5°	17063.0	16946.8	15842.8	13600.5	14475.6	15907.7	16581.1	17032.3	15401.9	14232.9	16601.6
50°	16273.5	16140.2	15012.2	13470.6	14680.6	16940.0	17869.7	18033.8	15911.1	14031.2	16324.7
52.5°	16328.2	16290.6	15248.0	13665.5	14885.7	17264.7	18755.0	18796.0	16488.8	14455.0	16328.2
55°	17305.7	17175.8	15924.8	13908.2	14735.3	16885.3	18191.0	18119.2	16294.0	14198.7	16628.9
57.5°	15836.0	15921.4	14988.3	12947.7	12896.4	13727.0	14301.2	14123.5	13597.1	12814.4	15470.2
60°	12776.8	13019.5	13108.3	10828.5	9731.3	9304.0	9133.1	8818.6	8907.5	10527.7	13590.3
62.5°	10958.4	10944.7	11501.8	9816.7	6374.7	5482.6	5400.6	5472.3	6497.8	10363.6	13310.0
65°	8688.8	8921.2	9092.1	8319.6	5045.1	4070.9	4067.5	4522.1	5622.7	8661.4	10746.4
67.5°	5516.8	5821.0	6032.9	5321.9	3373.6	2898.5	2819.9	3366.8	3896.6	5680.8	6470.4
70°	3110.4	3254.0	3349.7	3069.4	2146.6	1504.0	1415.1	1545.0	2355.1	3677.9	3835.1
72.5°	1199.7	1264.7	1394.6	1404.8	810.1	485.4	393.1	471.7	991.2	1456.1	1387.7
75°	184.6	198.2	280.3	335.0	232.4	177.7	188.0	194.8	276.9	376.0	314.5
77.5°	88.9	88.9	85.5	99.1	116.2	126.5	136.7	150.4	164.1	181.2	174.3
80°	58.1	58.1	58.1	68.4	85.5	102.5	116.2	123.1	129.9	143.6	136.7
82.5°	37.6	37.6	37.6	51.3	68.4	85.5	92.3	109.4	123.1	143.6	133.3
85°	20.5	20.5	20.5	34.2	51.3	71.8	68.4	54.7	30.8	3.4	6.8
87.5°	6.8	6.8	6.8	6.8	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°	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2
2.5°	10746.4	10589.2	10575.5	10254.2	9967.1	9827.0	9714.2	9399.7	9468.1	9286.9	9283.5
5°	10226.9	9905.6	9386.0	8958.8	8531.5	8446.1	8073.5	7748.8	7759.0	7526.6	7567.6
7.5°	9293.8	9071.6	8439.2	7769.3	7201.9	6798.6	6446.5	6234.6	5964.5	5872.3	5824.4
10°	8702.4	8429.0	7718.0	6877.2	6241.4	6026.1	5687.7	5499.7	5222.8	5086.1	4990.4
12.5°	8442.6	8042.7	7154.0	6299.5	5875.7	5653.5	5366.4	5024.6	4696.4	4570.0	4395.6
15°	8470.0	7991.5	6990.0	6067.1	5557.8	5127.1	4870.8	4491.4	4156.4	3934.2	3807.7
17.5°	8883.6	8302.5	7065.2	5889.3	5157.9	4617.8	4115.4	3705.2	3438.6	3271.1	3230.1
20°	9861.2	9071.6	7191.6	5602.2	4758.0	4084.6	3465.9	3038.7	2833.6	2830.2	2833.6
22.5°	10674.7	9891.9	7448.0	5431.3	4358.0	3401.0	2785.7	2649.0	2608.0	2693.4	2703.7
25°	11771.9	10814.8	7888.9	5342.5	3988.9	2898.5	2519.1	2467.9	2464.4	2573.8	2577.2
27.5°	12896.4	11621.5	8152.1	5082.7	3612.9	2638.8	2358.5	2348.2	2402.9	2519.1	2508.9
30°	13662.1	12298.2	8627.2	4771.6	3168.6	2409.7	2293.5	2307.2	2382.4	2471.3	2484.9
32.5°	14554.2	12964.8	8750.3	4600.7	2895.1	2218.3	2136.3	2167.1	2262.8	2402.9	2478.1
35°	15576.2	13436.5	8938.3	4368.3	2792.6	2071.4	2030.3	2064.5	2180.7	2273.0	2355.1
37.5°	16331.6	14270.5	8972.5	4187.1	2679.8	1989.3	1924.4	2037.2	2105.5	2235.4	2276.4
40°	16892.1	14875.5	9061.3	4074.3	2590.9	1883.4	1883.4	1958.6	2050.8	2170.5	2252.5
42.5°	17251.0	15316.4	9126.3	3971.8	2420.0	1852.6	1835.5	1910.7	2033.8	2150.0	2187.6
44°	17469.8	15504.4	9061.3	3876.1	2372.1	1815.0	1815.0	1879.9	1975.6	2112.4	2156.8
45°	17524.5	15740.2	8917.8	3872.7	2314.0	1770.6	1763.7	1886.8	1951.7	2119.2	2146.6
47.5°	17736.4	16030.8	8934.9	3763.3	2173.9	1664.6	1784.2	1838.9	1897.0	2044.0	2136.3
50°	17729.6	16211.9	8897.3	3602.7	2071.4	1545.0	1743.2	1804.7	1862.9	2013.2	2050.8
52.5°	17777.4	16888.7	9242.5	3346.3	1886.8	1391.2	1606.5	1743.2	1815.0	1941.5	2020.1
55°	17753.5	17275.0	9584.3	3154.9	1627.0	1298.9	1490.3	1650.9	1753.5	1886.8	1924.4
57.5°	16215.4	15268.5	8869.9	2796.0	1346.7	1189.5	1326.2	1555.2	1685.1	1821.8	1869.7
60°	13248.5	11768.4	7314.7	2057.7	1107.5	1093.8	1233.9	1524.5	1579.2	1698.8	1780.8
62.5°	12243.6	10322.6	5800.5	1572.3	946.8	1001.5	1138.2	1377.5	1462.9	1609.9	1685.1
65°	9580.9	6856.7	3592.4	1063.0	834.0	899.0	1028.8	1206.6	1346.7	1483.4	1572.3
67.5°	5674.0	3746.2	1777.4	745.1	728.1	796.4	929.7	1063.0	1223.7	1374.1	1418.5
70°	3089.9	1842.3	758.8	567.4	618.7	680.2	810.1	902.4	1056.2	1172.4	1247.6
72.5°	991.2	560.6	379.4	420.4	471.7	543.5	622.1	734.9	844.3	912.6	974.2
75°	239.3	235.8	270.0	294.0	341.8	396.5	461.4	519.5	605.0	669.9	724.6
77.5°	167.5	181.2	208.5	242.7	259.8	280.3	321.3	365.7	403.3	451.2	485.4
80°	129.9	140.1	160.6	177.7	194.8	211.9	232.4	249.5	273.4	304.2	321.3
82.5°	123.1	129.9	150.4	160.6	153.8	150.4	164.1	170.9	174.3	184.6	194.8
85°	10.3	0.0	6.8	23.9	58.1	85.5	92.3	92.3	88.9	95.7	95.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	13.7	10.3
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°	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2
2.5°	9242.5	9126.3	9170.7	9225.4	9146.8	8965.6	9013.5	8993.0	9177.5	9163.9	9348.4
5°	7748.8	7567.6	7588.1	7854.7	7769.3	7861.6	7677.0	7653.1	7687.3	7704.3	7735.1
7.5°	5930.4	5906.4	6111.5	6337.1	6443.1	6333.7	6152.5	6111.5	6073.9	5998.7	6169.6
10°	4840.0	4846.8	4833.2	5004.1	5123.7	5099.8	4990.4	4976.7	4904.9	4877.6	4973.3
12.5°	4320.4	4228.2	4183.7	4129.0	4221.3	4282.9	4235.0	4200.8	4204.2	4238.4	4252.1
15°	3818.0	3759.9	3664.2	3602.7	3647.1	3616.3	3599.2	3667.6	3650.5	3643.7	3725.7
17.5°	3254.0	3301.9	3295.0	3226.7	3284.8	3260.8	3257.4	3209.6	3144.6	3096.8	3124.1
20°	2881.4	2970.3	3038.7	3042.1	3072.9	3069.4	3018.2	2871.2	2823.3	2813.1	2819.9
22.5°	2748.1	2796.0	2878.0	2994.2	2994.2	2939.5	2878.0	2707.1	2662.7	2614.8	2594.3
25°	2642.2	2734.5	2840.4	2854.1	2908.8	2857.5	2758.4	2672.9	2580.6	2515.7	2515.7
27.5°	2587.5	2690.0	2768.6	2792.6	2867.8	2826.7	2724.2	2614.8	2505.5	2502.0	2443.9
30°	2563.6	2659.3	2710.5	2768.6	2802.8	2737.9	2707.1	2590.9	2481.5	2454.2	2358.5
32.5°	2491.8	2628.5	2724.2	2710.5	2737.9	2710.5	2666.1	2570.4	2447.3	2385.8	2375.6
35°	2409.7	2546.5	2649.0	2720.8	2737.9	2679.8	2652.4	2522.5	2355.1	2324.3	2218.3
37.5°	2365.3	2447.3	2573.8	2690.0	2714.0	2683.2	2590.9	2457.6	2290.1	2255.9	2163.6
40°	2310.6	2416.6	2515.7	2611.4	2683.2	2608.0	2502.0	2372.1	2296.9	2194.4	2167.1
42.5°	2269.6	2389.2	2471.3	2577.2	2659.3	2560.1	2437.1	2348.2	2242.3	2173.9	2095.3
44°	2255.9	2365.3	2420.0	2549.9	2618.2	2543.0	2440.5	2348.2	2225.2	2163.6	2095.3
45°	2208.1	2358.5	2416.6	2532.8	2590.9	2529.4	2399.5	2307.2	2218.3	2143.1	2071.4
47.5°	2160.2	2262.8	2361.9	2454.2	2495.2	2474.7	2365.3	2252.5	2146.6	2102.1	2033.8
50°	2146.6	2249.1	2341.4	2426.8	2474.7	2433.7	2334.5	2225.2	2102.1	2030.3	1972.2
52.5°	2078.2	2204.7	2307.2	2334.5	2396.1	2372.1	2296.9	2177.3	2061.1	1999.6	1951.7
55°	1979.1	2112.4	2252.5	2286.7	2375.6	2338.0	2225.2	2112.4	2013.2	1921.0	1859.4
57.5°	1941.5	2071.4	2208.1	2252.5	2307.2	2245.7	2218.3	2098.7	1941.5	1893.6	1797.9
60°	1845.8	2009.8	2122.6	2225.2	2228.6	2211.5	2163.6	2026.9	1897.0	1808.2	1739.8
62.5°	1770.6	1924.4	2013.2	2109.0	2167.1	2119.2	2071.4	1944.9	1804.7	1705.6	1627.0
65°	1661.2	1801.3	1876.5	1934.6	1999.6	1992.7	1910.7	1818.4	1671.4	1592.8	1517.6
67.5°	1493.7	1616.8	1719.3	1774.0	1815.0	1804.7	1743.2	1678.3	1527.9	1449.3	1394.6
70°	1292.0	1418.5	1483.4	1514.2	1555.2	1575.7	1527.9	1497.1	1363.8	1261.3	1210.0
72.5°	1039.1	1121.1	1216.8	1244.2	1261.3	1274.9	1274.9	1247.6	1110.9	1069.9	981.0
75°	765.6	830.6	902.4	902.4	933.1	936.6	943.4	926.3	823.8	769.1	748.6
77.5°	519.5	567.4	625.5	649.4	669.9	666.5	663.1	615.3	560.6	536.6	516.1
80°	338.4	386.2	413.6	444.3	464.9	461.4	468.3	434.1	410.2	369.2	376.0
82.5°	201.7	239.3	266.6	304.2	304.2	314.5	314.5	304.2	280.3	259.8	259.8
85°	95.7	126.5	143.6	167.5	181.2	184.6	164.1	140.1	116.2	106.0	116.2
87.5°	17.1	23.9	34.2	30.8	37.6	34.2	34.2	34.2	34.2	27.3	30.8
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: P531018

CATALOG NUMBER: GALN-SA6B-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2	10442.2
2.5°	9280.1	9451.0	9570.6	9768.9	10110.7	10384.1	10664.4	10872.9	10896.8	10958.4
5°	7847.9	7940.2	8244.4	8640.9	8921.2	9382.6	9680.0	10220.0	10421.7	10637.1
7.5°	6128.6	6279.0	6685.8	6952.4	7567.6	8145.3	8743.4	9410.0	9676.6	9707.3
10°	5168.1	5386.9	5663.8	6091.0	6426.0	7068.6	7813.7	8555.4	8852.8	8904.1
12.5°	4539.2	4819.5	5188.6	5496.3	5817.6	6378.1	7092.5	8008.6	8394.8	8627.2
15°	3934.2	4224.7	4631.5	5058.8	5342.5	6012.4	6853.2	7885.5	8388.0	8593.0
17.5°	3312.1	3582.1	3917.1	4378.6	4949.4	5701.4	6815.6	8295.7	8846.0	9085.2
20°	2778.9	2929.3	3319.0	3794.1	4508.4	5383.5	6829.3	8900.7	9707.3	9813.3
22.5°	2570.4	2604.6	2758.4	3195.9	3978.6	5058.8	7072.0	9758.6	10674.7	11023.3
25°	2409.7	2402.9	2443.9	2737.9	3592.4	4932.3	7311.3	10548.2	11747.9	12127.3
27.5°	2320.9	2252.5	2255.9	2532.8	3319.0	4727.2	7618.9	11454.0	12964.8	13132.3
30°	2276.4	2262.8	2221.7	2334.5	3021.6	4419.6	7670.2	12346.1	13682.6	13925.2
32.5°	2249.1	2115.8	2064.5	2105.5	2741.3	4084.6	7861.6	12934.0	14571.3	14465.3
35°	2112.4	1992.7	1958.6	1999.6	2543.0	3896.6	7735.1	13446.7	15237.8	15415.5
37.5°	2061.1	1955.1	1886.8	1852.6	2358.5	3739.4	7670.2	14236.3	15883.8	16311.1
40°	2013.2	1900.5	1818.4	1784.2	2214.9	3530.9	7649.7	14844.7	16628.9	16885.3
42.5°	1958.6	1886.8	1794.5	1733.0	2040.6	3322.4	7413.8	15032.7	16858.0	17134.8
44°	1941.5	1832.1	1736.4	1715.9	1972.2	3216.4	7366.0	15203.6	17056.2	17476.6
45°	1924.4	1821.8	1712.5	1685.1	1948.3	3158.3	7301.0	15244.6	17384.3	17463.0
47.5°	1876.5	1811.6	1705.6	1630.4	1897.0	3031.8	7106.2	15012.2	17049.4	17063.0
50°	1838.9	1763.7	1654.3	1507.4	1828.7	2925.9	7195.1	14926.7	16242.7	16273.5
52.5°	1797.9	1685.1	1623.6	1370.6	1715.9	2837.0	7383.0	15313.0	16335.0	16328.2
55°	1750.1	1627.0	1476.6	1254.4	1527.9	2724.2	7837.7	16075.2	17189.5	17305.7
57.5°	1674.9	1568.9	1353.6	1151.9	1312.5	2508.9	7690.7	14615.7	15815.4	15836.0
60°	1575.7	1476.6	1227.1	1073.3	1076.7	1979.1	6877.2	11389.0	12479.4	12776.8
62.5°	1480.0	1425.3	1121.1	960.5	916.0	1575.7	5814.1	9464.7	10712.3	10958.4
65°	1367.2	1233.9	1028.8	875.0	786.2	1104.0	4118.8	7072.0	8357.2	8688.8
67.5°	1223.7	1080.1	905.8	769.1	673.4	738.3	2126.0	4019.7	5321.9	5516.8
70°	1069.9	936.6	762.2	649.4	543.5	509.3	936.6	1917.5	2908.8	3110.4
72.5°	878.4	755.4	608.4	512.7	406.8	352.1	314.5	512.7	1032.3	1199.7
75°	635.8	550.3	458.0	365.7	287.1	225.6	184.6	153.8	170.9	184.6
77.5°	468.3	399.9	338.4	259.8	201.7	160.6	126.5	95.7	92.3	88.9
80°	365.7	324.7	270.0	208.5	157.2	119.6	88.9	64.9	58.1	58.1
82.5°	287.1	266.6	222.2	170.9	129.9	95.7	64.9	44.4	37.6	37.6
85°	109.4	109.4	160.6	140.1	99.1	68.4	44.4	23.9	20.5	20.5
87.5°	27.3	27.3	27.3	27.3	23.9	20.5	20.5	10.3	6.8	6.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)