

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: P531304

Luminaire Tested: **GALN-SA6C-750-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531304
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-SA6C-750-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 5000K, 1050mA 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: 31049 lumens
Efficiency: N/A
Efficacy: 96.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

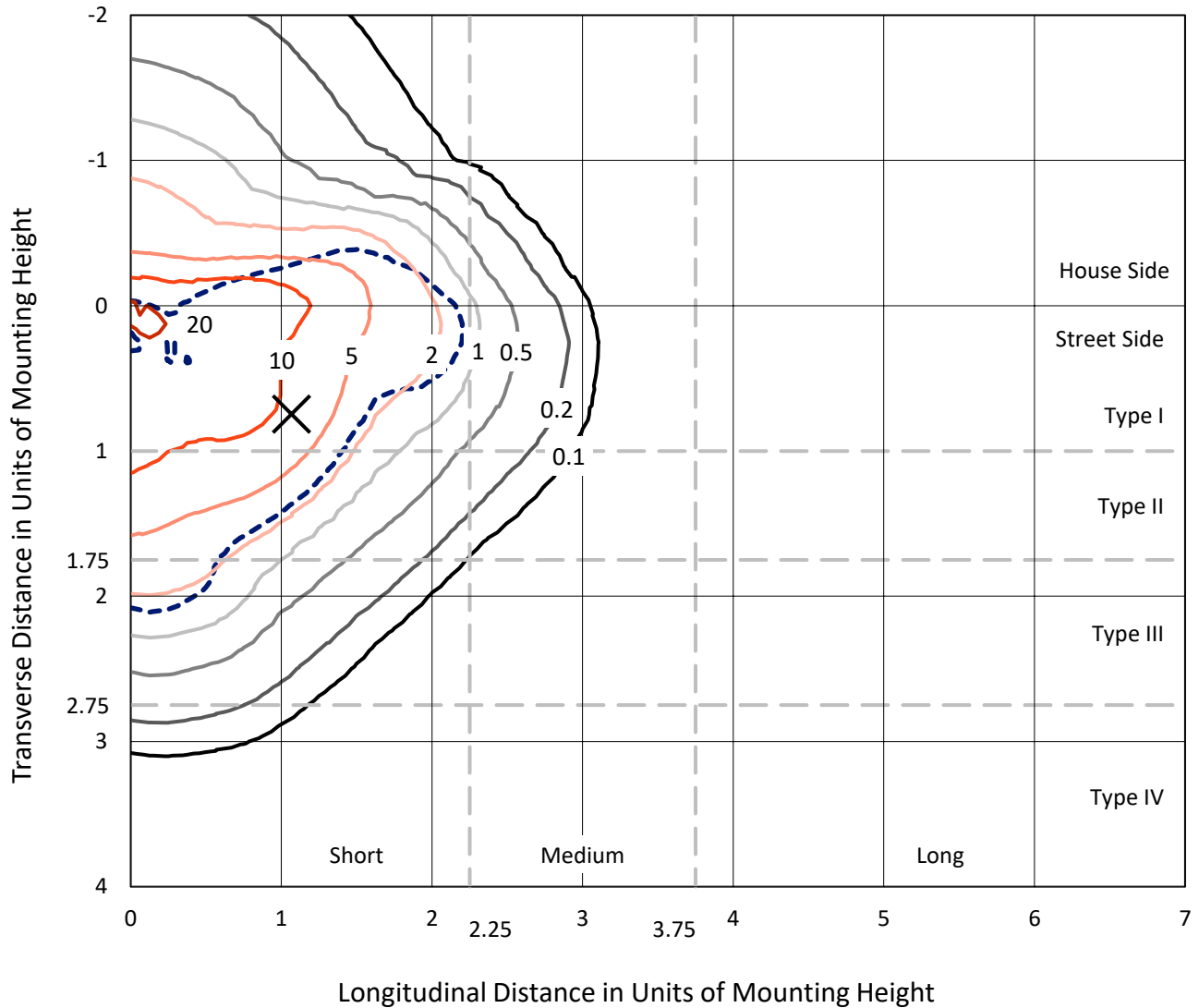
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

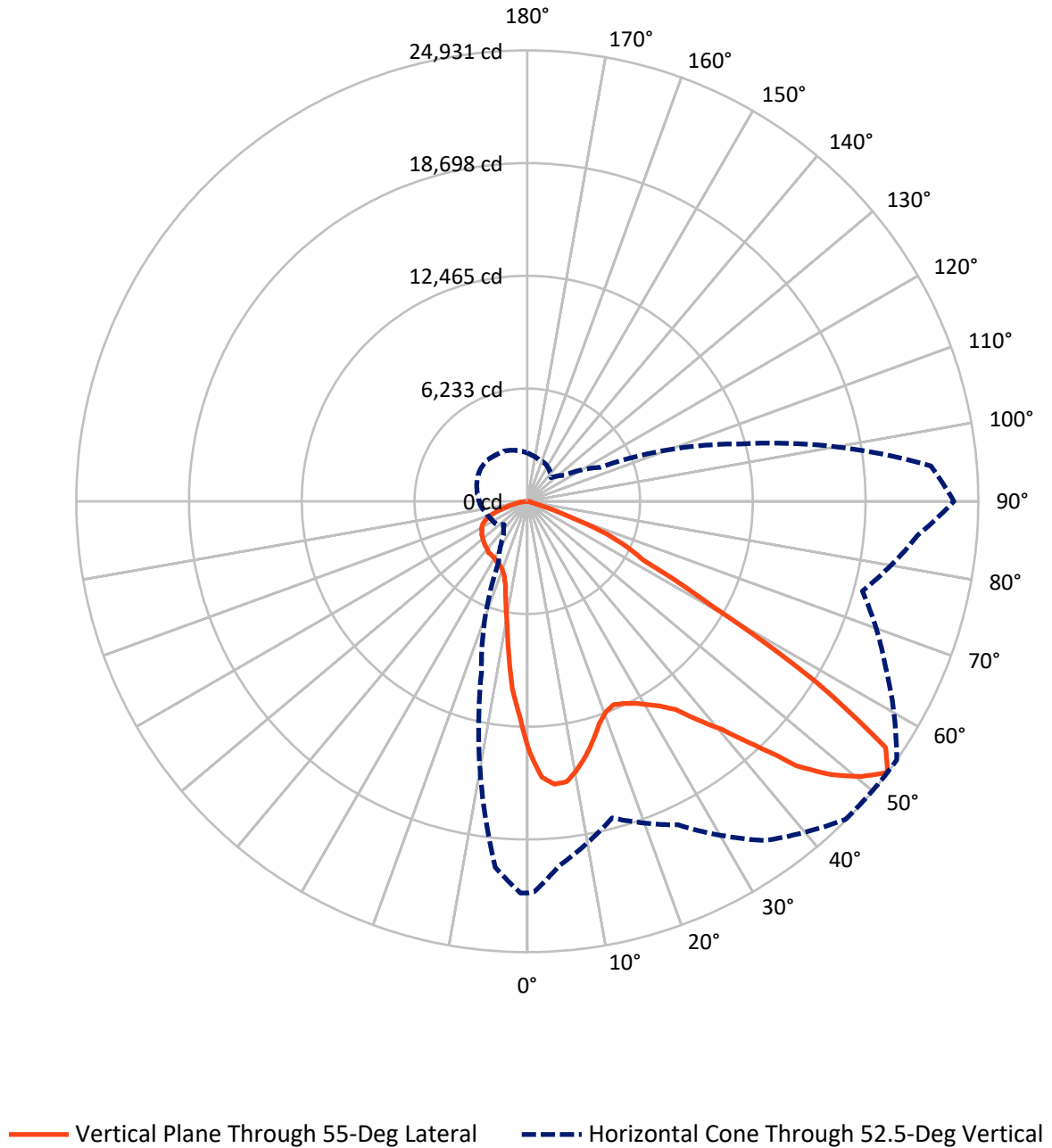
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 23.6 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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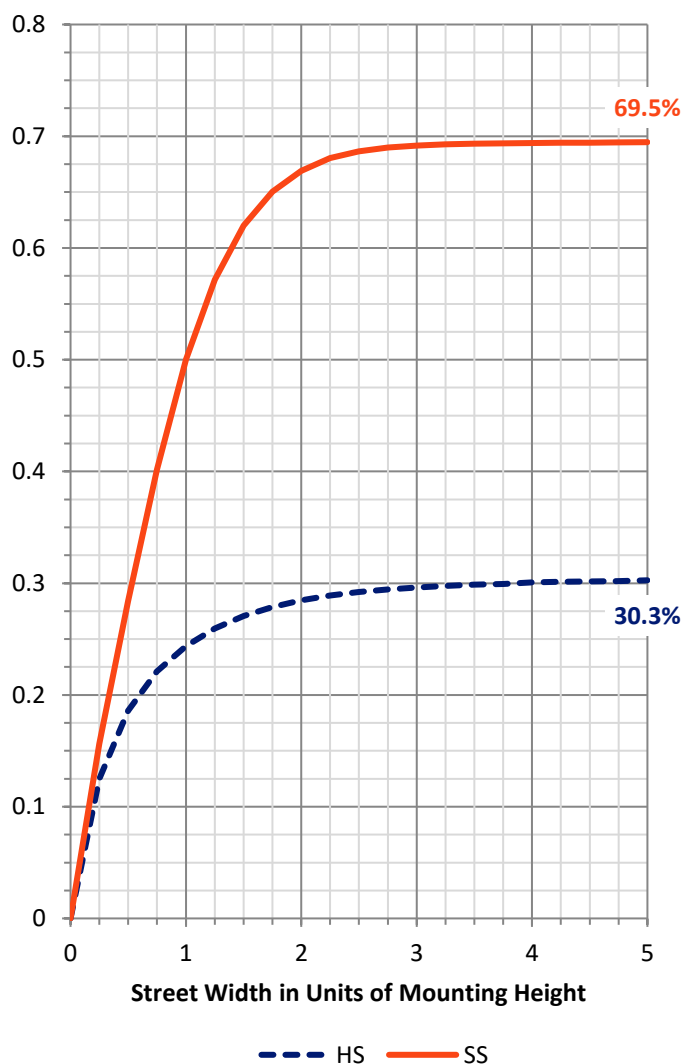
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9471.6	0.0	9471.6
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	21577.4	0.0	21577.4
	% Fixture	69.5	0.0	69.5
Total	Lumens	31049.0	0.0	31049.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1058.1	3.4
10°-20°	2281.5	7.3
20°-30°	3459.5	11.1
30°-40°	4998.4	16.1
40°-50°	6679.2	21.5
50°-60°	7455.5	24.0
60°-70°	4089.7	13.2
70°-80°	884.2	2.8
80°-90°	143.0	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°	31049.0	100.0
0°-180°	31049.0	100.0

Coefficient of Utilization



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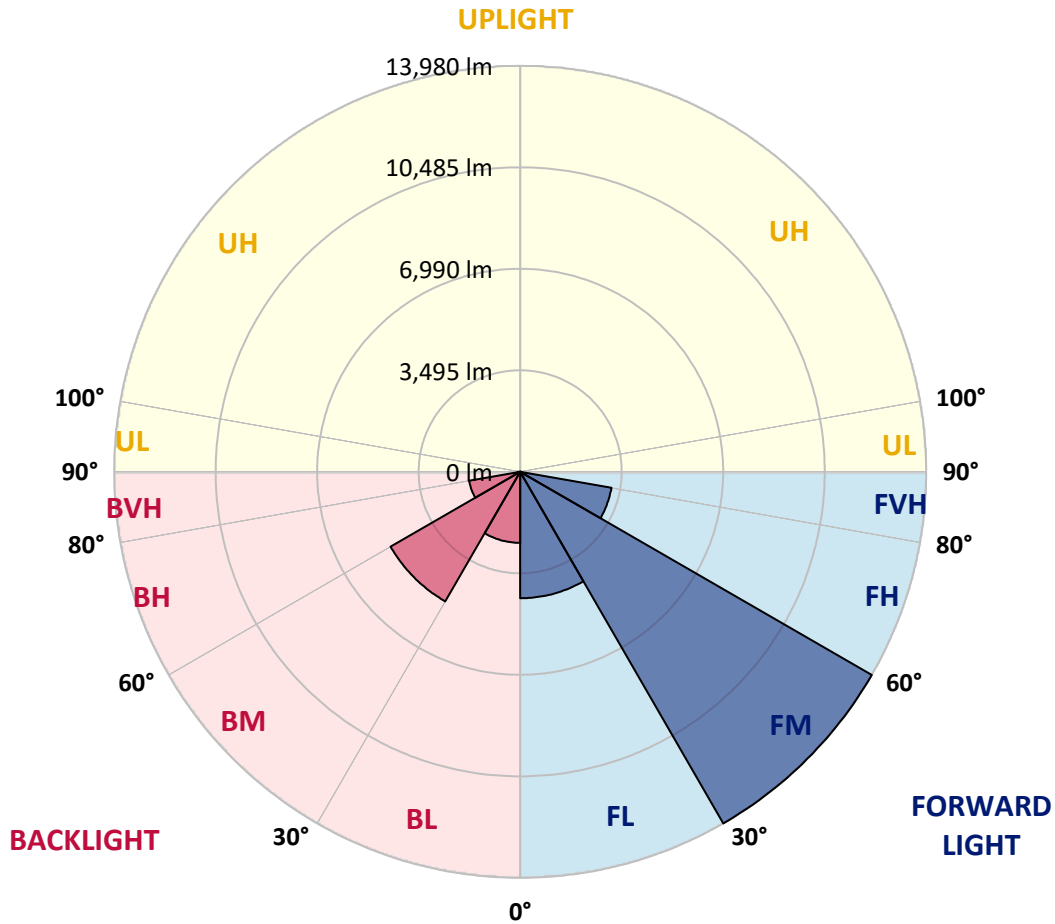
CATALOG NUMBER: GALN-SA6C-750-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4353.6	14.0			
FM (30°-60°)	13979.7	45.0			
FH (60°-80°)	3191.1	10.3			G2/5000
FVH (80°-90°)	53.0	0.2			G1/100
BL (0°-30°)	2445.4	7.9	B3/2500		
BM (30°-60°)	5153.3	16.6	B4/8500		
BH (60°-80°)	1782.8	5.7	B3/2500		G3/2500
BVH (80°-90°)	90.1	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°	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3
2.5°	14534.8	14453.2	14525.8	14870.3	15069.8	15205.8	15292.0	15278.4	14951.9	14634.6	14634.6
5°	14108.7	14004.4	14154.0	14933.8	15718.1	15786.1	15899.5	15713.6	15233.0	14652.7	13927.3
7.5°	12875.5	12952.6	13201.9	14226.5	15246.6	15758.9	15894.9	15659.2	14879.4	13795.9	12730.4
10°	11810.1	11991.5	12567.2	13673.4	14611.9	15278.4	15428.0	15097.0	14480.4	13152.1	12200.0
12.5°	11442.9	11329.6	11968.8	13075.0	13972.7	14330.8	14398.8	14421.5	14004.4	12825.7	11665.0
15°	11397.6	11470.1	11968.8	12807.5	13360.6	13378.8	13492.1	13668.9	13723.3	13047.8	11914.4
17.5°	12050.4	11964.3	12476.6	13143.0	12880.1	12617.1	12644.3	12898.2	13347.0	13238.2	12698.7
20°	13016.1	13211.0	13614.5	13546.5	12839.3	12172.8	12177.3	12417.6	13301.7	14027.1	13791.3
22.5°	14621.0	14811.4	15110.6	14290.0	12839.3	12041.3	11887.2	12213.6	13591.8	14965.5	15024.5
25°	16085.3	16434.4	16516.0	15550.4	13483.0	12163.7	12064.0	12385.9	13882.0	15881.3	16439.0
27.5°	17418.2	17545.2	17903.3	16361.9	13841.2	12245.3	12236.3	12648.8	14249.2	16339.2	17703.8
30°	18470.0	18456.4	18660.4	16874.2	14412.4	12703.2	12263.5	13043.3	14729.8	17096.3	18873.5
32.5°	19186.3	19340.5	19771.2	17586.0	14652.7	13138.5	12793.9	13505.7	15314.6	17454.5	19698.6
35°	20446.7	20714.2	20170.1	17980.4	15414.4	13569.2	13165.7	14135.9	15604.8	17844.4	20709.6
37.5°	21634.5	21430.5	20877.4	18193.5	15908.5	14367.1	13990.8	15355.4	16507.0	18692.2	21380.6
40°	22396.2	22391.6	21407.8	18365.8	16257.6	15586.6	15564.0	16593.1	17613.2	19227.1	22133.2
42.5°	22727.1	23044.5	21625.4	18347.6	16992.1	17064.6	17522.5	18442.8	18397.5	19336.0	22115.1
44°	23180.5	23370.9	22001.7	18388.4	17481.7	18062.0	19141.0	19725.8	19082.1	19277.0	22092.4
45°	23162.3	23175.9	21466.8	18442.8	17898.8	18896.2	19861.9	20850.2	19685.0	19150.1	22391.6
47.5°	22631.9	22477.8	21013.4	18039.3	19199.9	21099.5	21992.7	22591.1	20428.6	18878.1	22019.9
50°	21584.6	21407.8	19911.7	17867.1	19472.0	22468.7	23701.8	23919.5	21104.1	18610.6	21652.6
52.5°	21657.2	21607.3	20224.5	18125.5	19744.0	22899.4	24876.1	24930.5	21870.3	19172.7	21657.2
55°	22953.8	22781.5	21122.2	18447.4	19544.5	22396.2	24128.0	24032.8	21611.8	18832.7	22056.1
57.5°	21004.3	21117.7	19880.0	17173.4	17105.4	18207.1	18968.7	18733.0	18034.8	16996.6	20519.2
60°	16946.7	17268.6	17386.5	14362.6	12907.3	12340.6	12113.9	11696.8	11814.7	13963.6	18025.7
62.5°	14534.8	14516.7	15255.7	13020.6	8455.2	7272.0	7163.1	7258.4	8618.4	13746.0	17654.0
65°	11524.5	11832.8	12059.5	11034.9	6691.6	5399.6	5395.0	5998.0	7457.8	11488.2	14253.7
67.5°	7317.3	7720.8	8001.9	7058.9	4474.7	3844.5	3740.2	4465.6	5168.3	7534.9	8582.2
70°	4125.6	4316.0	4443.0	4071.2	2847.1	1994.8	1876.9	2049.2	3123.7	4878.2	5086.7
72.5°	1591.3	1677.4	1849.7	1863.3	1074.5	643.8	521.4	625.6	1314.8	1931.3	1840.7
75°	244.8	263.0	371.8	444.3	308.3	235.7	249.3	258.4	367.2	498.7	417.1
77.5°	117.9	117.9	113.3	131.5	154.1	167.7	181.3	199.5	217.6	240.3	231.2
80°	77.1	77.1	77.1	90.7	113.3	136.0	154.1	163.2	172.3	190.4	181.3
82.5°	49.9	49.9	49.9	68.0	90.7	113.3	122.4	145.1	163.2	190.4	176.8
85°	27.2	27.2	27.2	45.3	68.0	95.2	90.7	72.5	40.8	4.5	9.1
87.5°	9.1	9.1	9.1	9.1	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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CATALOG NUMBER: GALN-SA6C-750-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3
2.5°	14253.7	14045.2	14027.1	13600.9	13220.1	13034.2	12884.6	12467.5	12558.2	12317.9	12313.4
5°	13564.6	13138.5	12449.4	11882.7	11316.0	11202.6	10708.4	10277.8	10291.4	9983.1	10037.5
7.5°	12327.0	12032.3	11193.5	10305.0	9552.4	9017.4	8550.4	8269.4	7911.2	7788.8	7725.3
10°	11542.6	11179.9	10236.9	9121.7	8278.4	7992.8	7544.0	7294.6	6927.4	6746.0	6619.1
12.5°	11198.1	10667.6	9488.9	8355.5	7793.3	7498.6	7117.8	6664.4	6229.2	6061.5	5830.3
15°	11234.3	10599.6	9271.3	8047.2	7371.7	6800.5	6460.4	5957.2	5512.9	5218.2	5050.5
17.5°	11782.9	11012.2	9371.0	7811.5	6841.3	6124.9	5458.5	4914.5	4560.8	4338.7	4284.3
20°	13079.5	12032.3	9538.8	7430.6	6310.8	5417.7	4597.1	4030.4	3758.4	3753.9	3758.4
22.5°	14158.5	13120.3	9878.8	7203.9	5780.4	4511.0	3694.9	3513.6	3459.2	3572.5	3586.1
25°	15613.8	14344.4	10463.6	7086.1	5290.8	3844.5	3341.3	3273.3	3268.8	3413.8	3418.4
27.5°	17105.4	15414.4	10812.7	6741.5	4792.1	3500.0	3128.2	3114.6	3187.1	3341.3	3327.7
30°	18120.9	16312.0	11442.9	6329.0	4202.7	3196.2	3042.1	3060.2	3159.9	3277.8	3296.0
32.5°	19304.2	17196.1	11606.1	6102.3	3840.0	2942.3	2833.5	2874.3	3001.3	3187.1	3286.9
35°	20659.8	17821.7	11855.5	5794.0	3704.0	2747.4	2693.0	2738.3	2892.5	3014.9	3123.7
37.5°	21661.7	18927.9	11900.8	5553.7	3554.4	2638.6	2552.4	2702.0	2792.7	2965.0	3019.4
40°	22405.2	19730.4	12018.7	5404.1	3436.5	2498.0	2498.0	2597.8	2720.2	2878.9	2987.7
42.5°	22881.3	20315.2	12104.8	5268.1	3209.8	2457.2	2434.6	2534.3	2697.5	2851.7	2901.5
44°	23171.4	20564.6	12018.7	5141.1	3146.3	2407.4	2407.4	2493.5	2620.4	2801.8	2860.7
45°	23243.9	20877.4	11828.3	5136.6	3069.3	2348.4	2339.4	2502.6	2588.7	2810.9	2847.1
47.5°	23525.0	21262.7	11850.9	4991.5	2883.4	2207.9	2366.6	2439.1	2516.2	2711.1	2833.5
50°	23516.0	21503.0	11801.1	4778.5	2747.4	2049.2	2312.2	2393.8	2470.8	2670.3	2720.2
52.5°	23579.4	22400.7	12258.9	4438.4	2502.6	1845.2	2130.8	2312.2	2407.4	2575.1	2679.4
55°	23547.7	22913.0	12712.3	4184.5	2158.0	1722.8	1976.7	2189.7	2325.8	2502.6	2552.4
57.5°	21507.6	20251.7	11764.8	3708.5	1786.3	1577.7	1759.1	2062.8	2235.1	2416.4	2479.9
60°	17572.4	15609.3	9702.0	2729.2	1468.9	1450.8	1636.6	2022.0	2094.5	2253.2	2362.0
62.5°	16239.5	13691.6	7693.6	2085.5	1255.8	1328.4	1509.7	1827.1	1940.4	2135.3	2235.1
65°	12707.8	9094.5	4764.9	1410.0	1106.2	1192.3	1364.6	1600.4	1786.3	1967.6	2085.5
67.5°	7525.8	4968.9	2357.5	988.3	965.7	1056.3	1233.1	1410.0	1623.0	1822.5	1881.5
70°	4098.4	2443.6	1006.5	752.6	820.6	902.2	1074.5	1196.9	1400.9	1555.0	1654.8
72.5°	1314.8	743.5	503.2	557.6	625.6	720.8	825.1	974.7	1119.8	1210.5	1292.1
75°	317.4	312.8	358.2	389.9	453.4	525.9	612.0	689.1	802.5	888.6	961.1
77.5°	222.1	240.3	276.6	321.9	344.6	371.8	426.2	485.1	535.0	598.4	643.8
80°	172.3	185.9	213.1	235.7	258.4	281.1	308.3	331.0	362.7	403.5	426.2
82.5°	163.2	172.3	199.5	213.1	204.0	199.5	217.6	226.7	231.2	244.8	258.4
85°	13.6	0.0	9.1	31.7	77.1	113.3	122.4	122.4	117.9	126.9	126.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	18.1	13.6
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3
2.5°	12258.9	12104.8	12163.7	12236.3	12132.0	11891.7	11955.2	11928.0	12172.8	12154.7	12399.5
5°	10277.8	10037.5	10064.7	10418.3	10305.0	10427.4	10182.5	10150.8	10196.1	10218.8	10259.6
7.5°	7865.9	7834.1	8106.1	8405.4	8545.9	8400.8	8160.5	8106.1	8056.3	7956.5	8183.2
10°	6419.6	6428.7	6410.6	6637.2	6795.9	6764.2	6619.1	6601.0	6505.8	6469.5	6596.4
12.5°	5730.5	5608.1	5549.2	5476.6	5599.0	5680.6	5617.2	5571.8	5576.4	5621.7	5639.8
15°	5064.1	4987.0	4860.1	4778.5	4837.4	4796.6	4773.9	4864.6	4841.9	4832.9	4941.7
17.5°	4316.0	4379.5	4370.4	4279.8	4356.8	4325.1	4320.6	4257.1	4170.9	4107.5	4143.7
20°	3821.9	3939.7	4030.4	4034.9	4075.7	4071.2	4003.2	3808.3	3744.8	3731.2	3740.2
22.5°	3645.0	3708.5	3817.3	3971.5	3971.5	3898.9	3817.3	3590.6	3531.7	3468.2	3441.0
25°	3504.5	3626.9	3767.5	3785.6	3858.1	3790.1	3658.6	3545.3	3422.9	3336.8	3336.8
27.5°	3432.0	3568.0	3672.2	3704.0	3803.7	3749.3	3613.3	3468.2	3323.2	3318.6	3241.5
30°	3400.2	3527.2	3595.2	3672.2	3717.6	3631.4	3590.6	3436.5	3291.4	3255.2	3128.2
32.5°	3305.0	3486.4	3613.3	3595.2	3631.4	3595.2	3536.2	3409.3	3246.1	3164.5	3150.9
35°	3196.2	3377.6	3513.6	3608.8	3631.4	3554.4	3518.1	3345.8	3123.7	3082.9	2942.3
37.5°	3137.3	3246.1	3413.8	3568.0	3599.7	3558.9	3436.5	3259.7	3037.5	2992.2	2869.8
40°	3064.7	3205.3	3336.8	3463.7	3558.9	3459.2	3318.6	3146.3	3046.6	2910.6	2874.3
42.5°	3010.3	3169.0	3277.8	3418.4	3527.2	3395.7	3232.5	3114.6	2974.1	2883.4	2779.1
44°	2992.2	3137.3	3209.8	3382.1	3472.8	3373.0	3237.0	3114.6	2951.4	2869.8	2779.1
45°	2928.7	3128.2	3205.3	3359.4	3436.5	3354.9	3182.6	3060.2	2942.3	2842.6	2747.4
47.5°	2865.3	3001.3	3132.7	3255.2	3309.6	3282.4	3137.3	2987.7	2847.1	2788.2	2697.5
50°	2847.1	2983.1	3105.5	3218.9	3282.4	3227.9	3096.5	2951.4	2788.2	2693.0	2615.9
52.5°	2756.5	2924.2	3060.2	3096.5	3178.1	3146.3	3046.6	2887.9	2733.8	2652.2	2588.7
55°	2625.0	2801.8	2987.7	3033.0	3150.9	3101.0	2951.4	2801.8	2670.3	2547.9	2466.3
57.5°	2575.1	2747.4	2928.7	2987.7	3060.2	2978.6	2942.3	2783.7	2575.1	2511.6	2384.7
60°	2448.2	2665.8	2815.4	2951.4	2955.9	2933.3	2869.8	2688.4	2516.2	2398.3	2307.6
62.5°	2348.4	2552.4	2670.3	2797.3	2874.3	2810.9	2747.4	2579.6	2393.8	2262.3	2158.0
65°	2203.3	2389.2	2489.0	2566.0	2652.2	2643.1	2534.3	2411.9	2216.9	2112.7	2012.9
67.5°	1981.2	2144.4	2280.4	2353.0	2407.4	2393.8	2312.2	2226.0	2026.5	1922.3	1849.7
70°	1713.7	1881.5	1967.6	2008.4	2062.8	2090.0	2026.5	1985.7	1808.9	1672.9	1604.9
72.5°	1378.2	1487.0	1614.0	1650.2	1672.9	1691.0	1691.0	1654.8	1473.4	1419.0	1301.2
75°	1015.5	1101.7	1196.9	1196.9	1237.7	1242.2	1251.3	1228.6	1092.6	1020.1	992.9
77.5°	689.1	752.6	829.7	861.4	888.6	884.1	879.5	816.1	743.5	711.8	684.6
80°	448.8	512.3	548.6	589.4	616.6	612.0	621.1	575.8	544.0	489.6	498.7
82.5°	267.5	317.4	353.6	403.5	403.5	417.1	417.1	403.5	371.8	344.6	344.6
85°	126.9	167.7	190.4	222.1	240.3	244.8	217.6	185.9	154.1	140.5	154.1
87.5°	22.7	31.7	45.3	40.8	49.9	45.3	45.3	45.3	45.3	36.3	40.8
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: P531304

CATALOG NUMBER: GALN-SA6C-750-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3	13850.3
2.5°	12308.8	12535.5	12694.2	12957.1	13410.5	13773.2	14144.9	14421.5	14453.2	14534.8
5°	10409.2	10531.6	10935.1	11461.0	11832.8	12444.8	12839.3	13555.6	13823.1	14108.7
7.5°	8128.8	8328.3	8867.8	9221.4	10037.5	10803.7	11597.0	12481.1	12834.7	12875.5
10°	6854.9	7145.0	7512.2	8078.9	8523.2	9375.6	10363.9	11347.7	11742.1	11810.1
12.5°	6020.7	6392.4	6882.1	7290.1	7716.2	8459.8	9407.3	10622.3	11134.6	11442.9
15°	5218.2	5603.6	6143.1	6709.8	7086.1	7974.7	9089.9	10459.1	11125.5	11397.6
17.5°	4393.1	4751.2	5195.5	5807.6	6564.7	7562.1	9040.1	11003.1	11733.0	12050.4
20°	3685.8	3885.3	4402.2	5032.3	5979.9	7140.5	9058.2	11805.6	12875.5	13016.1
22.5°	3409.3	3454.6	3658.6	4238.9	5277.2	6709.8	9380.1	12943.5	14158.5	14621.0
25°	3196.2	3187.1	3241.5	3631.4	4764.9	6542.0	9697.4	13990.8	15582.1	16085.3
27.5°	3078.3	2987.7	2992.2	3359.4	4402.2	6270.0	10105.5	15192.2	17196.1	17418.2
30°	3019.4	3001.3	2946.9	3096.5	4007.7	5862.0	10173.5	16375.5	18148.1	18470.0
32.5°	2983.1	2806.3	2738.3	2792.7	3636.0	5417.7	10427.4	17155.3	19326.9	19186.3
35°	2801.8	2643.1	2597.8	2652.2	3373.0	5168.3	10259.6	17835.3	20210.9	20446.7
37.5°	2733.8	2593.2	2502.6	2457.2	3128.2	4959.8	10173.5	18882.6	21067.8	21634.5
40°	2670.3	2520.7	2411.9	2366.6	2937.8	4683.2	10146.3	19689.6	22056.1	22396.2
42.5°	2597.8	2502.6	2380.2	2298.6	2706.6	4406.7	9833.5	19938.9	22359.9	22727.1
44°	2575.1	2430.0	2303.1	2275.9	2615.9	4266.2	9770.0	20165.6	22622.8	23180.5
45°	2552.4	2416.4	2271.4	2235.1	2584.2	4189.1	9683.8	20220.0	23058.1	23162.3
47.5°	2489.0	2402.8	2262.3	2162.5	2516.2	4021.3	9425.4	19911.7	22613.8	22631.9
50°	2439.1	2339.4	2194.3	1999.3	2425.5	3880.8	9543.3	19798.4	21543.8	21584.6
52.5°	2384.7	2235.1	2153.5	1818.0	2275.9	3762.9	9792.7	20310.7	21666.2	21657.2
55°	2321.2	2158.0	1958.5	1663.8	2026.5	3613.3	10395.6	21321.7	22799.7	22953.8
57.5°	2221.5	2080.9	1795.3	1527.8	1740.9	3327.7	10200.7	19385.8	20977.1	21004.3
60°	2090.0	1958.5	1627.6	1423.6	1428.1	2625.0	9121.7	15106.1	16552.3	16946.7
62.5°	1963.1	1890.5	1487.0	1274.0	1215.0	2090.0	7711.7	12553.6	14208.4	14534.8
65°	1813.5	1636.6	1364.6	1160.6	1042.7	1464.4	5463.0	9380.1	11084.7	11524.5
67.5°	1623.0	1432.6	1201.4	1020.1	893.1	979.3	2819.9	5331.6	7058.9	7317.3
70°	1419.0	1242.2	1011.0	861.4	720.8	675.5	1242.2	2543.4	3858.1	4125.6
72.5°	1165.1	1001.9	807.0	680.0	539.5	467.0	417.1	680.0	1369.2	1591.3
75°	843.3	729.9	607.5	485.1	380.8	299.2	244.8	204.0	226.7	244.8
77.5°	621.1	530.4	448.8	344.6	267.5	213.1	167.7	126.9	122.4	117.9
80°	485.1	430.7	358.2	276.6	208.5	158.7	117.9	86.1	77.1	77.1
82.5°	380.8	353.6	294.7	226.7	172.3	126.9	86.1	58.9	49.9	49.9
85°	145.1	145.1	213.1	185.9	131.5	90.7	58.9	31.7	27.2	27.2
87.5°	36.3	36.3	36.3	36.3	31.7	27.2	27.2	13.6	9.1	9.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)