

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: P530316

Luminaire Tested: **GALN-SA5C-735-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530316
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-SA5C-735-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 3500K, 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: 24426 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

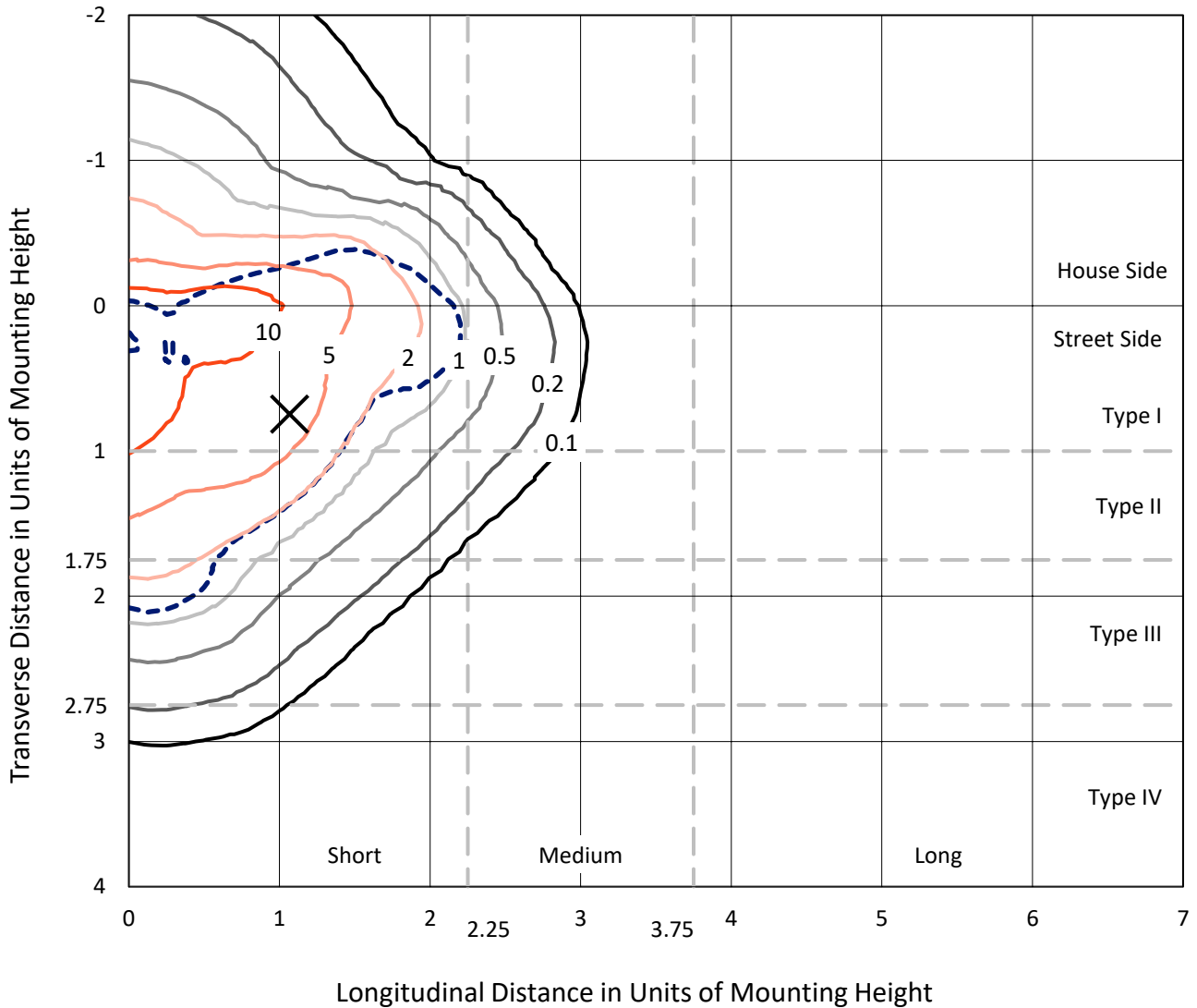
Input Watts (W): 269
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P530316
 CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

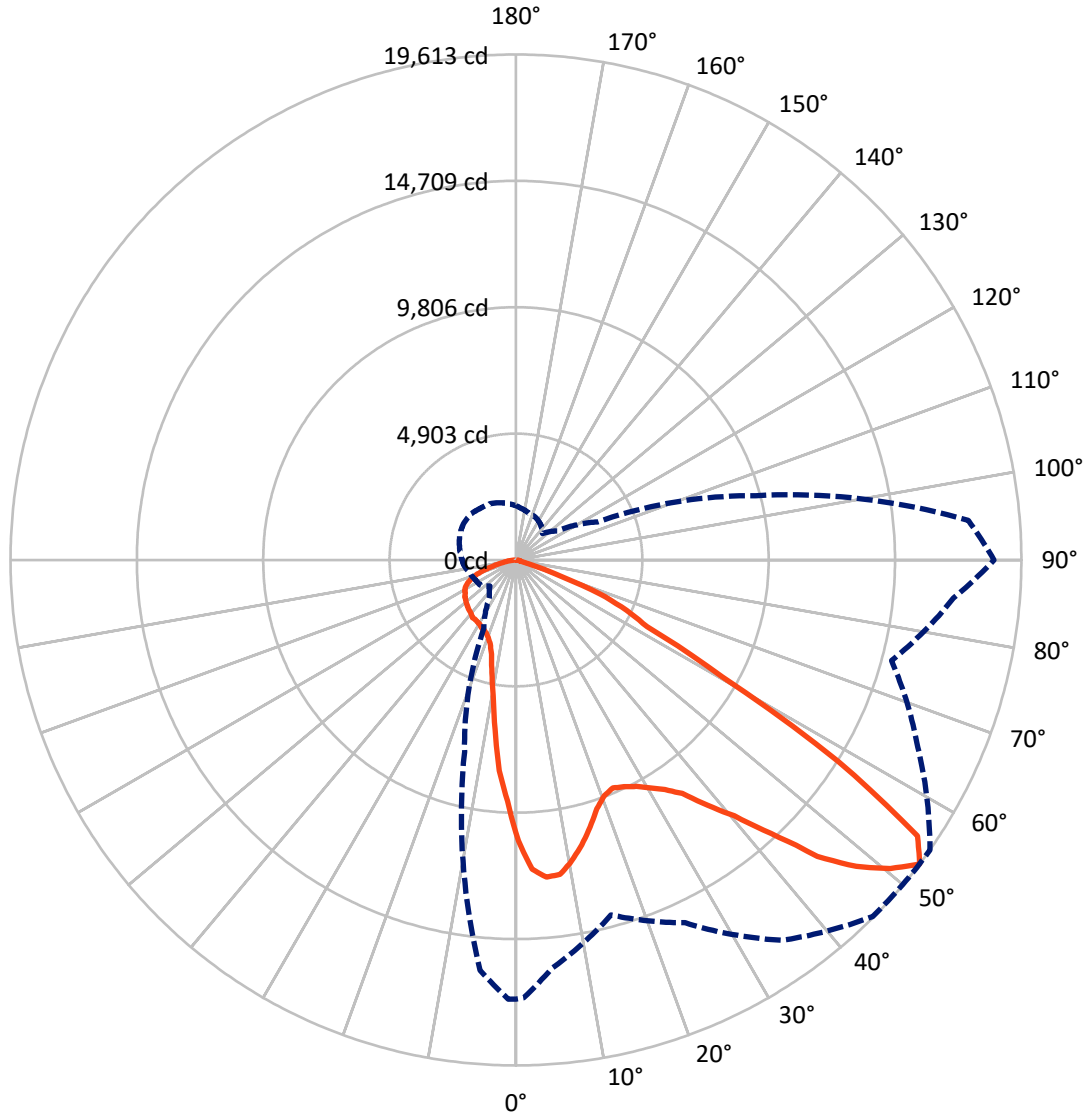
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.5 fc
 Type II - Short - N/A

REPORT NUMBER: P530316
CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

Luminous Intensity Polar Plot



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

REPORT NUMBER: P530316
 CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

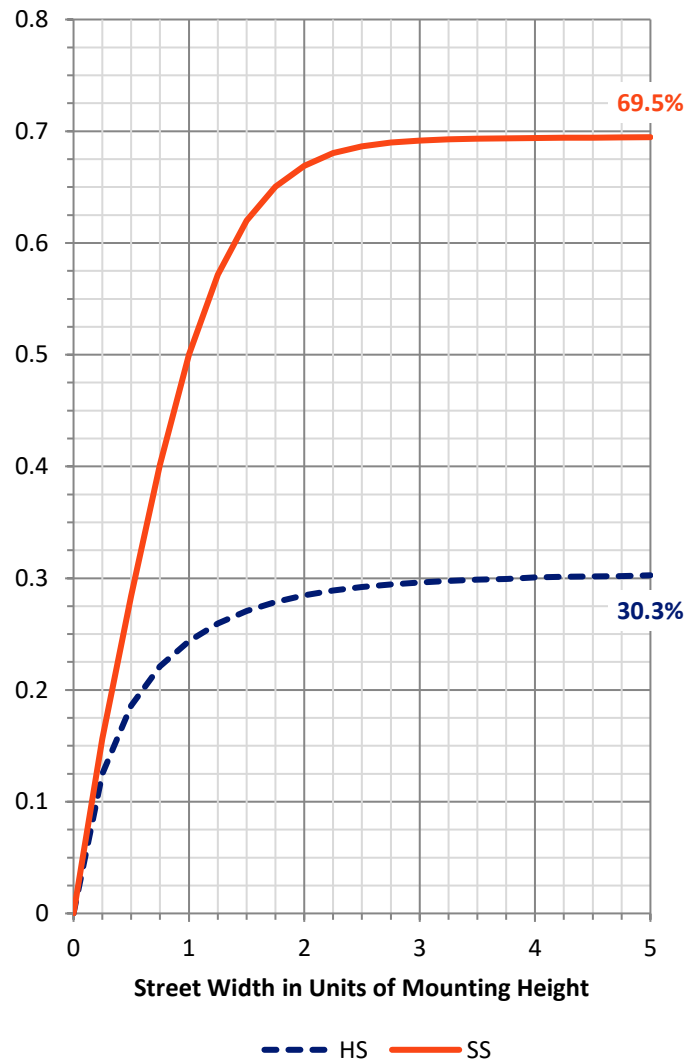
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7451.3	0.0	7451.3
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	16974.7	0.0	16974.7
	% Fixture	69.5	0.0	69.5
Total	Lumens	24426.0	0.0	24426.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	832.4	3.4
10°-20°	1794.8	7.3
20°-30°	2721.5	11.1
30°-40°	3932.2	16.1
40°-50°	5254.5	21.5
50°-60°	5865.2	24.0
60°-70°	3217.3	13.2
70°-80°	695.6	2.8
80°-90°	112.5	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°	24426.0	100.0
0°-180°	24426.0	100.0



REPORT NUMBER: P530316

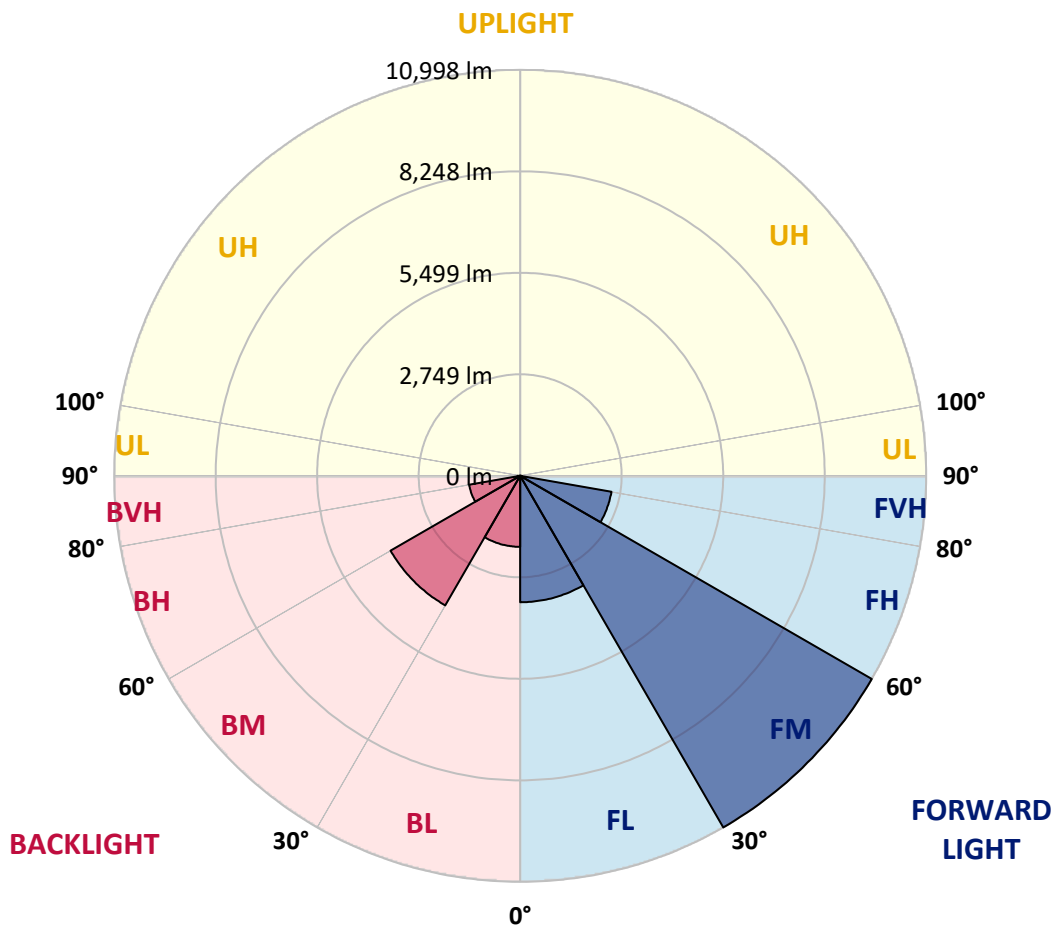
CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3425.0	14.0			
FM (30°-60°)	10997.7	45.0			
FH (60°-80°)	2510.4	10.3			G2/5000
FVH (80°-90°)	41.7	0.2			G1/100
BL (0°-30°)	1923.8	7.9	B3/2500		
BM (30°-60°)	4054.1	16.6	B3/5000		
BH (60°-80°)	1402.5	5.7	B3/2500		G3/2500
BVH (80°-90°)	70.9	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: P530316

CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9
2.5°	11434.4	11370.2	11427.3	11698.4	11855.3	11962.3	12030.1	12019.4	11762.6	11512.9	11512.9
5°	11099.2	11017.1	11134.8	11748.3	12365.3	12418.8	12508.0	12361.7	11983.7	11527.2	10956.5
7.5°	10129.1	10189.7	10385.9	11191.9	11994.4	12397.4	12504.4	12318.9	11705.5	10853.1	10014.9
10°	9290.9	9433.6	9886.5	10756.8	11495.1	12019.4	12137.1	11876.7	11391.6	10346.6	9597.7
12.5°	9002.0	8912.9	9415.8	10286.0	10992.2	11273.9	11327.4	11345.3	11017.1	10089.8	9176.8
15°	8966.4	9023.4	9415.8	10075.6	10510.7	10525.0	10614.1	10753.2	10796.0	10264.6	9373.0
17.5°	9480.0	9412.2	9815.2	10339.5	10132.6	9925.8	9947.2	10146.9	10500.0	10414.4	9990.0
20°	10239.6	10393.0	10710.4	10656.9	10100.5	9576.3	9579.8	9768.8	10464.3	11035.0	10849.5
22.5°	11502.2	11652.0	11887.4	11241.8	10100.5	9472.8	9351.6	9608.4	10692.6	11773.3	11819.6
25°	12654.2	12928.8	12993.0	12233.4	10607.0	9569.1	9490.7	9743.9	10920.9	12493.7	12932.4
27.5°	13702.8	13802.6	14084.4	12871.8	10888.8	9633.3	9626.2	9950.7	11209.7	12853.9	13927.5
30°	14530.2	14519.5	14680.0	13274.8	11338.1	9993.5	9647.6	10261.0	11587.8	13449.6	14847.7
32.5°	15093.7	15215.0	15553.8	13834.7	11527.2	10335.9	10064.9	10624.8	12047.9	13731.3	15496.8
35°	16085.3	16295.7	15867.7	14145.0	12126.4	10674.8	10357.3	11120.6	12276.1	14038.0	16292.1
37.5°	17019.7	16859.2	16424.1	14312.7	12515.1	11302.5	11006.4	12080.0	12985.9	14705.0	16820.0
40°	17618.9	17615.3	16841.4	14448.2	12789.7	12261.9	12244.1	13053.7	13856.1	15125.8	17412.0
42.5°	17879.2	18128.9	17012.6	14433.9	13367.5	13424.6	13784.8	14508.8	14473.2	15211.4	17397.8
44°	18235.9	18385.7	17308.6	14466.0	13752.7	14209.2	15058.1	15518.2	15011.7	15165.1	17379.9
45°	18221.6	18232.3	16887.7	14508.8	14080.8	14865.5	15625.2	16402.7	15486.1	15065.2	17615.3
47.5°	17804.3	17683.1	16531.1	14191.4	15104.4	16598.8	17301.5	17772.2	16071.0	14851.2	17322.9
50°	16980.5	16841.4	15664.4	14055.9	15318.4	17675.9	18646.1	18817.2	16602.4	14640.8	17034.0
52.5°	17037.5	16998.3	15910.5	14259.2	15532.4	18014.8	19569.8	19612.6	17205.2	15083.0	17037.5
55°	18057.6	17922.0	16616.7	14512.4	15375.5	17618.9	18981.3	18906.4	17001.9	14815.6	17351.4
57.5°	16523.9	16613.1	15639.4	13510.2	13456.7	14323.4	14922.5	14737.1	14187.8	13371.1	16142.3
60°	13331.9	13585.1	13677.8	11298.9	10154.0	9708.2	9529.9	9201.8	9294.5	10985.0	14180.7
62.5°	11434.4	11420.2	12001.5	10243.2	6651.7	5720.8	5635.2	5710.1	6780.1	10813.9	13888.2
65°	9066.2	9308.8	9487.1	8681.0	5264.3	4247.8	4244.2	4718.6	5867.0	9037.7	11213.3
67.5°	5756.5	6073.9	6295.0	5553.2	3520.2	3024.5	2942.4	3513.1	4065.9	5927.6	6751.5
70°	3245.6	3395.4	3495.2	3202.8	2239.8	1569.3	1476.6	1612.1	2457.4	3837.6	4001.7
72.5°	1251.9	1319.6	1455.2	1465.9	845.3	506.5	410.2	492.2	1034.3	1519.4	1448.0
75°	192.6	206.9	292.5	349.5	242.5	185.5	196.2	203.3	288.9	392.3	328.1
77.5°	92.7	92.7	89.2	103.4	121.3	132.0	142.7	156.9	171.2	189.0	181.9
80°	60.6	60.6	60.6	71.3	89.2	107.0	121.3	128.4	135.5	149.8	142.7
82.5°	39.2	39.2	39.2	53.5	71.3	89.2	96.3	114.1	128.4	149.8	139.1
85°	21.4	21.4	21.4	35.7	53.5	74.9	71.3	57.1	32.1	3.6	7.1
87.5°	7.1	7.1	7.1	7.1	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



REPORT NUMBER: P530316

CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9
2.5°	11213.3	11049.2	11035.0	10699.7	10400.1	10253.9	10136.2	9808.1	9879.4	9690.4	9686.8
5°	10671.2	10335.9	9793.8	9348.0	8902.2	8813.0	8424.2	8085.4	8096.1	7853.6	7896.4
7.5°	9697.5	9465.7	8805.9	8106.8	7514.8	7093.9	6726.6	6505.4	6223.7	6127.4	6077.4
10°	9080.5	8795.2	8053.3	7175.9	6512.6	6287.9	5934.8	5738.6	5449.7	5307.1	5207.2
12.5°	8809.4	8392.2	7464.8	6573.2	6130.9	5899.1	5599.5	5242.9	4900.5	4768.5	4586.6
15°	8838.0	8338.7	7293.6	6330.7	5799.3	5349.9	5082.4	4686.5	4337.0	4105.1	3973.2
17.5°	9269.5	8663.2	7372.1	6145.2	5382.0	4818.4	4294.2	3866.2	3588.0	3413.2	3370.4
20°	10289.6	9465.7	7504.1	5845.6	4964.7	4262.1	3616.5	3170.7	2956.7	2953.1	2956.7
22.5°	11138.4	10321.7	7771.6	5667.3	4547.4	3548.7	2906.8	2764.1	2721.3	2810.5	2821.2
25°	12283.3	11284.6	8231.7	5574.6	4162.2	3024.5	2628.6	2575.1	2571.5	2685.6	2689.2
27.5°	13456.7	12126.4	8506.3	5303.5	3769.9	2753.4	2460.9	2450.2	2507.3	2628.6	2617.9
30°	14255.6	12832.5	9002.0	4978.9	3306.2	2514.4	2393.2	2407.4	2485.9	2578.6	2592.9
32.5°	15186.5	13528.0	9130.4	4800.6	3020.9	2314.7	2229.1	2261.2	2361.1	2507.3	2585.8
35°	16252.9	14020.2	9326.6	4558.1	2913.9	2161.3	2118.5	2154.2	2275.5	2371.8	2457.4
37.5°	17041.1	14890.4	9362.3	4369.1	2796.2	2075.7	2008.0	2125.7	2197.0	2332.5	2375.3
40°	17626.0	15521.7	9455.0	4251.4	2703.5	1965.2	1965.2	2043.6	2139.9	2264.8	2350.4
42.5°	18000.5	15981.8	9522.8	4144.4	2525.1	1933.1	1915.3	1993.7	2122.1	2243.4	2282.6
44°	18228.8	16178.0	9455.0	4044.5	2475.2	1893.9	1893.9	1961.6	2061.5	2204.1	2250.5
45°	18285.8	16424.1	9305.2	4040.9	2414.6	1847.5	1840.4	1968.7	2036.5	2211.3	2239.8
47.5°	18507.0	16727.2	9323.0	3926.8	2268.3	1736.9	1861.8	1918.8	1979.4	2132.8	2229.1
50°	18499.8	16916.3	9283.8	3759.2	2161.3	1612.1	1819.0	1883.2	1943.8	2100.7	2139.9
52.5°	18549.8	17622.4	9644.0	3491.7	1968.7	1451.6	1676.3	1819.0	1893.9	2025.8	2107.8
55°	18524.8	18025.5	10000.7	3291.9	1697.7	1355.3	1555.0	1722.7	1829.7	1968.7	2008.0
57.5°	16919.8	15931.9	9255.3	2917.5	1405.2	1241.2	1383.8	1622.8	1758.3	1901.0	1950.9
60°	13824.0	12279.7	7632.5	2147.1	1155.6	1141.3	1287.5	1590.7	1647.8	1772.6	1858.2
62.5°	12775.5	10771.1	6052.5	1640.6	987.9	1045.0	1187.7	1437.3	1526.5	1679.9	1758.3
65°	9997.1	7154.5	3748.5	1109.2	870.2	938.0	1073.5	1259.0	1405.2	1547.9	1640.6
67.5°	5920.5	3909.0	1854.6	777.5	759.7	831.0	970.1	1109.2	1276.8	1433.8	1480.1
70°	3224.2	1922.4	791.8	592.1	645.6	709.7	845.3	941.6	1102.1	1223.3	1301.8
72.5°	1034.3	584.9	395.9	438.7	492.2	567.1	649.1	766.8	880.9	952.3	1016.5
75°	249.7	246.1	281.8	306.7	356.7	413.7	481.5	542.1	631.3	699.0	756.1
77.5°	174.8	189.0	217.6	253.2	271.1	292.5	335.3	381.6	420.9	470.8	506.5
80°	135.5	146.2	167.6	185.5	203.3	221.1	242.5	260.4	285.3	317.4	335.3
82.5°	128.4	135.5	156.9	167.6	160.5	156.9	171.2	178.3	181.9	192.6	203.3
85°	10.7	0.0	7.1	25.0	60.6	89.2	96.3	96.3	92.7	99.9	99.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	14.3	10.7
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: P530316

CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9
2.5°	9644.0	9522.8	9569.1	9626.2	9544.2	9355.1	9405.1	9383.7	9576.3	9562.0	9754.6
5°	8085.4	7896.4	7917.8	8196.0	8106.8	8203.1	8010.5	7985.6	8021.2	8039.1	8071.2
7.5°	6188.0	6163.0	6377.0	6612.4	6723.0	6608.9	6419.8	6377.0	6337.8	6259.3	6437.7
10°	5050.3	5057.4	5043.1	5221.5	5346.3	5321.3	5207.2	5192.9	5118.0	5089.5	5189.4
12.5°	4508.2	4411.9	4365.5	4308.4	4404.7	4468.9	4419.0	4383.3	4386.9	4422.6	4436.8
15°	3983.9	3923.2	3823.4	3759.2	3805.5	3773.4	3755.6	3826.9	3809.1	3802.0	3887.6
17.5°	3395.4	3445.3	3438.2	3366.8	3427.5	3402.5	3398.9	3349.0	3281.2	3231.3	3259.8
20°	3006.6	3099.4	3170.7	3174.3	3206.4	3202.8	3149.3	2995.9	2946.0	2935.3	2942.4
22.5°	2867.5	2917.5	3003.1	3124.3	3124.3	3067.3	3003.1	2824.7	2778.4	2728.4	2707.0
25°	2757.0	2853.3	2963.8	2978.1	3035.2	2981.7	2878.2	2789.1	2692.8	2625.0	2625.0
27.5°	2699.9	2806.9	2888.9	2913.9	2992.4	2949.6	2842.6	2728.4	2614.3	2610.7	2550.1
30°	2674.9	2774.8	2828.3	2888.9	2924.6	2856.8	2824.7	2703.5	2589.3	2560.8	2460.9
32.5°	2600.0	2742.7	2842.6	2828.3	2856.8	2828.3	2781.9	2682.1	2553.7	2489.5	2478.8
35°	2514.4	2657.1	2764.1	2839.0	2856.8	2796.2	2767.7	2632.1	2457.4	2425.3	2314.7
37.5°	2468.1	2553.7	2685.6	2806.9	2831.9	2799.8	2703.5	2564.4	2389.6	2353.9	2257.6
40°	2411.0	2521.6	2625.0	2724.9	2799.8	2721.3	2610.7	2475.2	2396.7	2289.7	2261.2
42.5°	2368.2	2493.0	2578.6	2689.2	2774.8	2671.4	2543.0	2450.2	2339.7	2268.3	2186.3
44°	2353.9	2468.1	2525.1	2660.7	2732.0	2653.5	2546.5	2450.2	2321.8	2257.6	2186.3
45°	2304.0	2460.9	2521.6	2642.8	2703.5	2639.3	2503.7	2407.4	2314.7	2236.2	2161.3
47.5°	2254.1	2361.1	2464.5	2560.8	2603.6	2582.2	2468.1	2350.4	2239.8	2193.4	2122.1
50°	2239.8	2346.8	2443.1	2532.3	2582.2	2539.4	2436.0	2321.8	2193.4	2118.5	2057.9
52.5°	2168.5	2300.4	2407.4	2436.0	2500.2	2475.2	2396.7	2271.9	2150.6	2086.4	2036.5
55°	2065.0	2204.1	2350.4	2386.0	2478.8	2439.5	2321.8	2204.1	2100.7	2004.4	1940.2
57.5°	2025.8	2161.3	2304.0	2350.4	2407.4	2343.2	2314.7	2189.9	2025.8	1975.9	1876.0
60°	1926.0	2097.1	2214.8	2321.8	2325.4	2307.6	2257.6	2115.0	1979.4	1886.7	1815.4
62.5°	1847.5	2008.0	2100.7	2200.6	2261.2	2211.3	2161.3	2029.4	1883.2	1779.7	1697.7
65°	1733.4	1879.6	1958.0	2018.7	2086.4	2079.3	1993.7	1897.4	1744.1	1662.0	1583.6
67.5°	1558.6	1687.0	1794.0	1851.1	1893.9	1883.2	1819.0	1751.2	1594.3	1512.2	1455.2
70°	1348.2	1480.1	1547.9	1580.0	1622.8	1644.2	1594.3	1562.2	1423.1	1316.1	1262.6
72.5°	1084.2	1169.8	1269.7	1298.2	1316.1	1330.3	1330.3	1301.8	1159.1	1116.3	1023.6
75°	798.9	866.7	941.6	941.6	973.7	977.2	984.4	966.5	859.5	802.5	781.1
77.5°	542.1	592.1	652.7	677.6	699.0	695.5	691.9	642.0	584.9	560.0	538.6
80°	353.1	403.0	431.6	463.7	485.1	481.5	488.6	453.0	428.0	385.2	392.3
82.5°	210.4	249.7	278.2	317.4	317.4	328.1	328.1	317.4	292.5	271.1	271.1
85°	99.9	132.0	149.8	174.8	189.0	192.6	171.2	146.2	121.3	110.6	121.3
87.5°	17.8	25.0	35.7	32.1	39.2	35.7	35.7	35.7	35.7	28.5	32.1
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: P530316

CATALOG NUMBER: GALN-SA5C-735-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9	10895.9
2.5°	9683.3	9861.6	9986.4	10193.3	10549.9	10835.3	11127.7	11345.3	11370.2	11434.4
5°	8188.9	8285.2	8602.6	9016.3	9308.8	9790.2	10100.5	10664.1	10874.5	11099.2
7.5°	6394.9	6551.8	6976.2	7254.4	7896.4	8499.1	9123.3	9818.8	10097.0	10129.1
10°	5392.7	5620.9	5909.8	6355.6	6705.2	7375.7	8153.2	8927.1	9237.4	9290.9
12.5°	4736.4	5028.9	5414.1	5735.1	6070.3	6655.2	7400.6	8356.5	8759.5	9002.0
15°	4105.1	4408.3	4832.7	5278.5	5574.6	6273.6	7151.0	8228.1	8752.4	8966.4
17.5°	3456.0	3737.8	4087.3	4568.8	5164.4	5949.0	7111.7	8656.1	9230.3	9480.0
20°	2899.6	3056.6	3463.1	3958.9	4704.3	5617.4	7126.0	9287.4	10129.1	10239.6
22.5°	2682.1	2717.7	2878.2	3334.7	4151.5	5278.5	7379.2	10182.6	11138.4	11502.2
25°	2514.4	2507.3	2550.1	2856.8	3748.5	5146.6	7628.9	11006.4	12258.3	12654.2
27.5°	2421.7	2350.4	2353.9	2642.8	3463.1	4932.6	7949.9	11951.6	13528.0	13702.8
30°	2375.3	2361.1	2318.3	2436.0	3152.9	4611.6	8003.4	12882.5	14277.0	14530.2
32.5°	2346.8	2207.7	2154.2	2197.0	2860.4	4262.1	8203.1	13495.9	15204.3	15093.7
35°	2204.1	2079.3	2043.6	2086.4	2653.5	4065.9	8071.2	14030.9	15899.8	16085.3
37.5°	2150.6	2040.1	1968.7	1933.1	2460.9	3901.8	8003.4	14854.8	16573.9	17019.7
40°	2100.7	1983.0	1897.4	1861.8	2311.1	3684.3	7982.0	15489.6	17351.4	17618.9
42.5°	2043.6	1968.7	1872.5	1808.3	2129.2	3466.7	7735.9	15685.8	17590.3	17879.2
44°	2025.8	1911.7	1811.8	1790.4	2057.9	3356.1	7686.0	15864.1	17797.2	18235.9
45°	2008.0	1901.0	1786.9	1758.3	2032.9	3295.5	7618.2	15906.9	18139.6	18221.6
47.5°	1958.0	1890.3	1779.7	1701.3	1979.4	3163.6	7414.9	15664.4	17790.1	17804.3
50°	1918.8	1840.4	1726.2	1572.9	1908.1	3053.0	7507.6	15575.2	16948.4	16980.5
52.5°	1876.0	1758.3	1694.1	1430.2	1790.4	2960.3	7703.8	15978.3	17044.7	17037.5
55°	1826.1	1697.7	1540.8	1308.9	1594.3	2842.6	8178.2	16773.6	17936.3	18057.6
57.5°	1747.6	1637.1	1412.4	1201.9	1369.6	2617.9	8024.8	15250.7	16502.5	16523.9
60°	1644.2	1540.8	1280.4	1119.9	1123.5	2065.0	7175.9	11883.8	13021.6	13331.9
62.5°	1544.3	1487.3	1169.8	1002.2	955.8	1644.2	6066.7	9875.8	11177.6	11434.4
65°	1426.6	1287.5	1073.5	913.0	820.3	1152.0	4297.7	7379.2	8720.3	9066.2
67.5°	1276.8	1127.0	945.1	802.5	702.6	770.4	2218.4	4194.3	5553.2	5756.5
70°	1116.3	977.2	795.3	677.6	567.1	531.4	977.2	2000.8	3035.2	3245.6
72.5°	916.6	788.2	634.9	535.0	424.4	367.4	328.1	535.0	1077.1	1251.9
75°	663.4	574.2	477.9	381.6	299.6	235.4	192.6	160.5	178.3	192.6
77.5°	488.6	417.3	353.1	271.1	210.4	167.6	132.0	99.9	96.3	92.7
80°	381.6	338.8	281.8	217.6	164.1	124.8	92.7	67.8	60.6	60.6
82.5°	299.6	278.2	231.8	178.3	135.5	99.9	67.8	46.4	39.2	39.2
85°	114.1	114.1	167.6	146.2	103.4	71.3	46.4	25.0	21.4	21.4
87.5°	28.5	28.5	28.5	28.5	25.0	21.4	21.4	10.7	7.1	7.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)