

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: P650967

Luminaire Tested: **GALN-SA6C-840-U-SLL**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P650967
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA6C-840-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30222.2 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

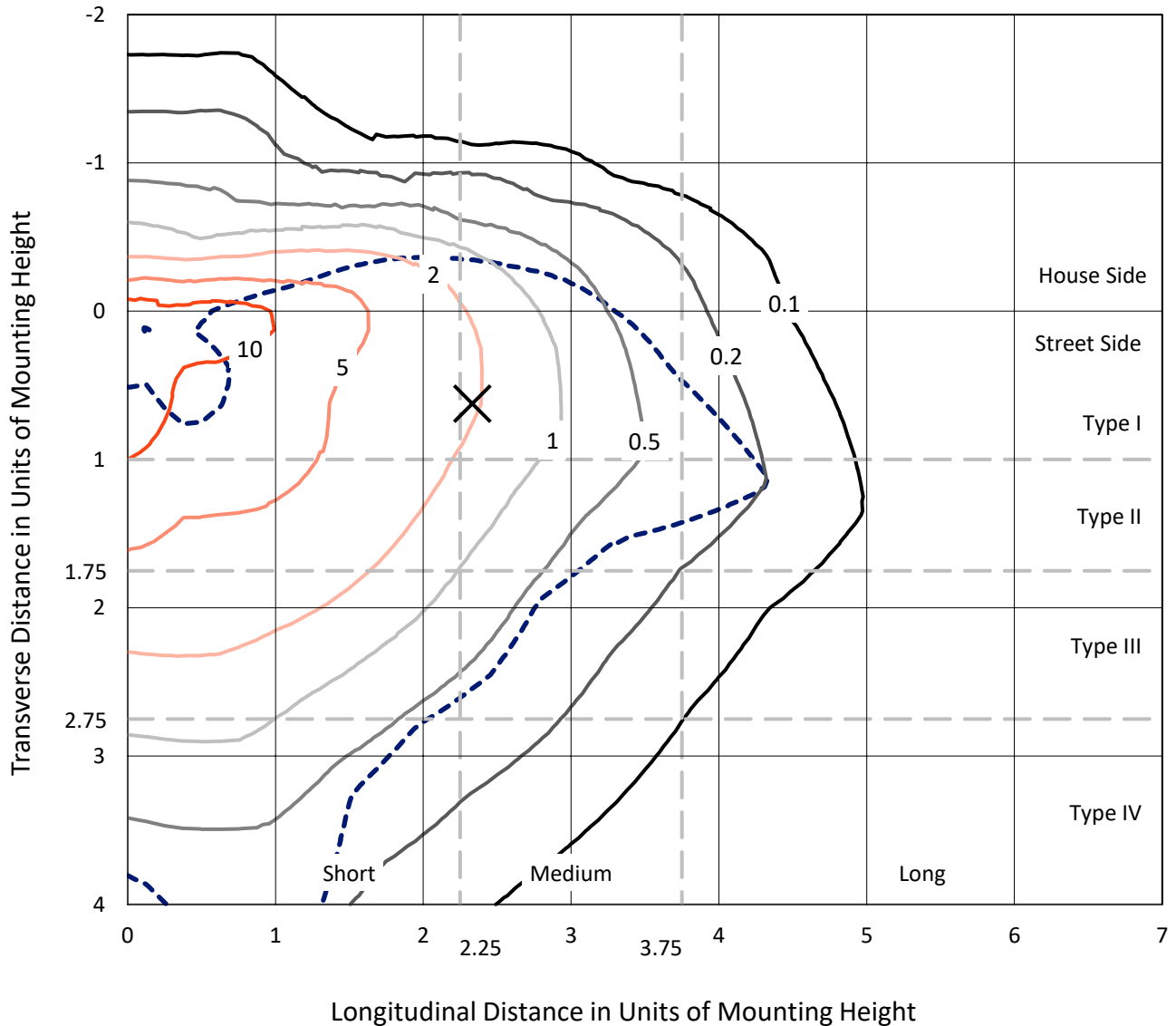
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P650967
 CATALOG NUMBER: GALN-SA6C-840-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

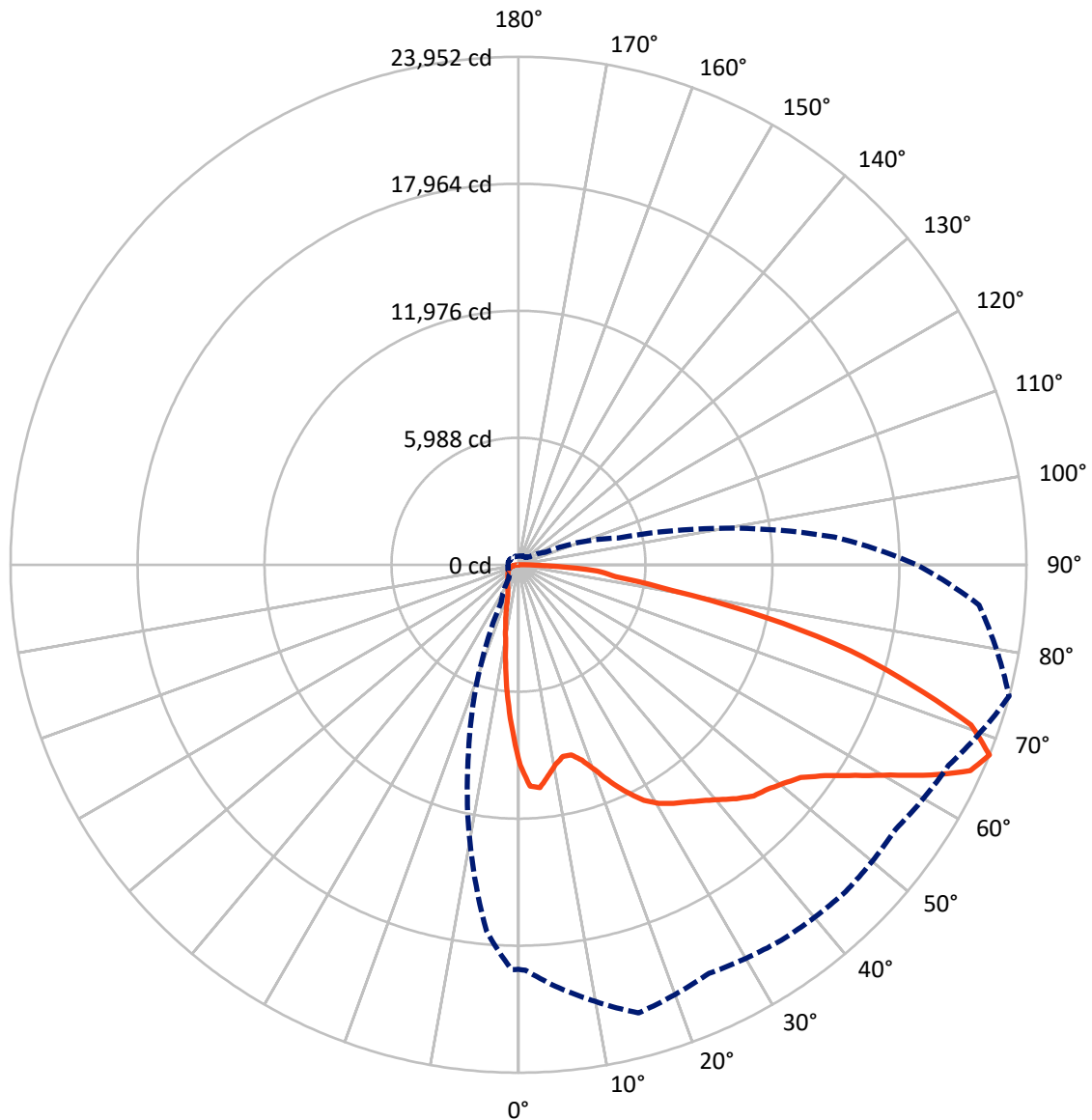
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.6 fc
 Type III - Medium - N/A

REPORT NUMBER: P650967
CATALOG NUMBER: GALN-SA6C-840-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical



REPORT NUMBER: P650967
 CATALOG NUMBER: GALN-SA6C-840-U-SLL

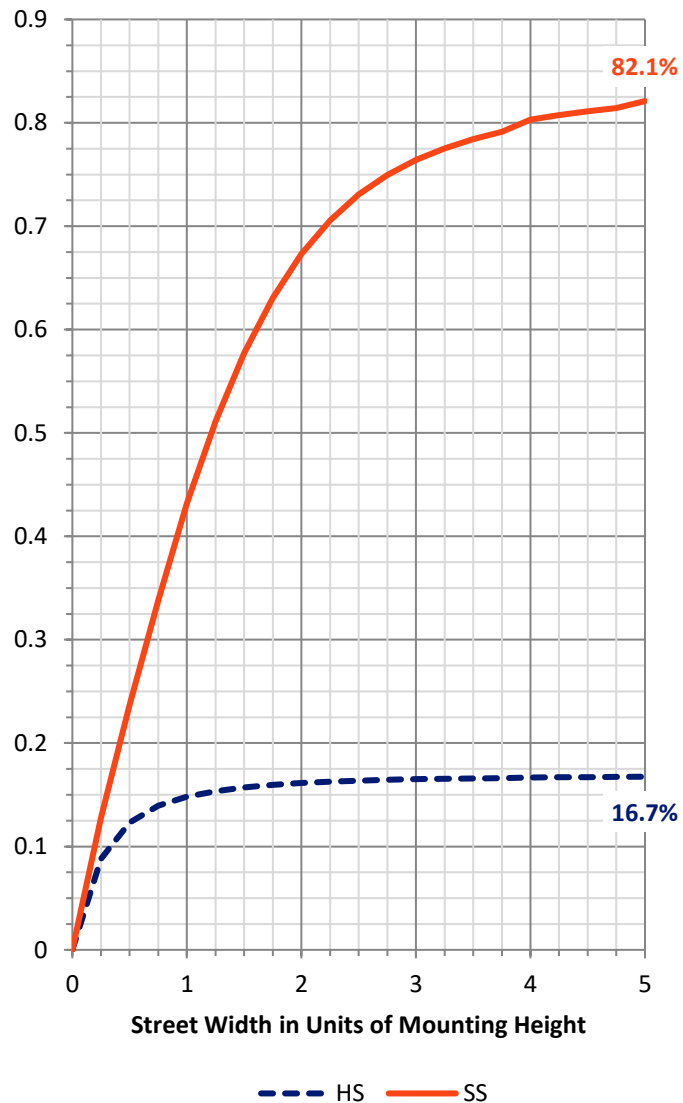
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5108.2	0.0	5108.2
	% Fixture	16.9	0.0	16.9
Street Side	Lumens	25114.0	0.0	25114.0
	% Fixture	83.1	0.0	83.1
Total	Lumens	30222.2	0.0	30222.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	716.2	2.4
10°-20°	1493.6	4.9
20°-30°	2149.3	7.1
30°-40°	3095.5	10.2
40°-50°	4348.4	14.4
50°-60°	6064.5	20.1
60°-70°	7210.3	23.9
70°-80°	4246.5	14.1
80°-90°	898.0	3.0
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°	30222.2	100.0
0°-180°	30222.2	100.0

Coefficient of Utilization

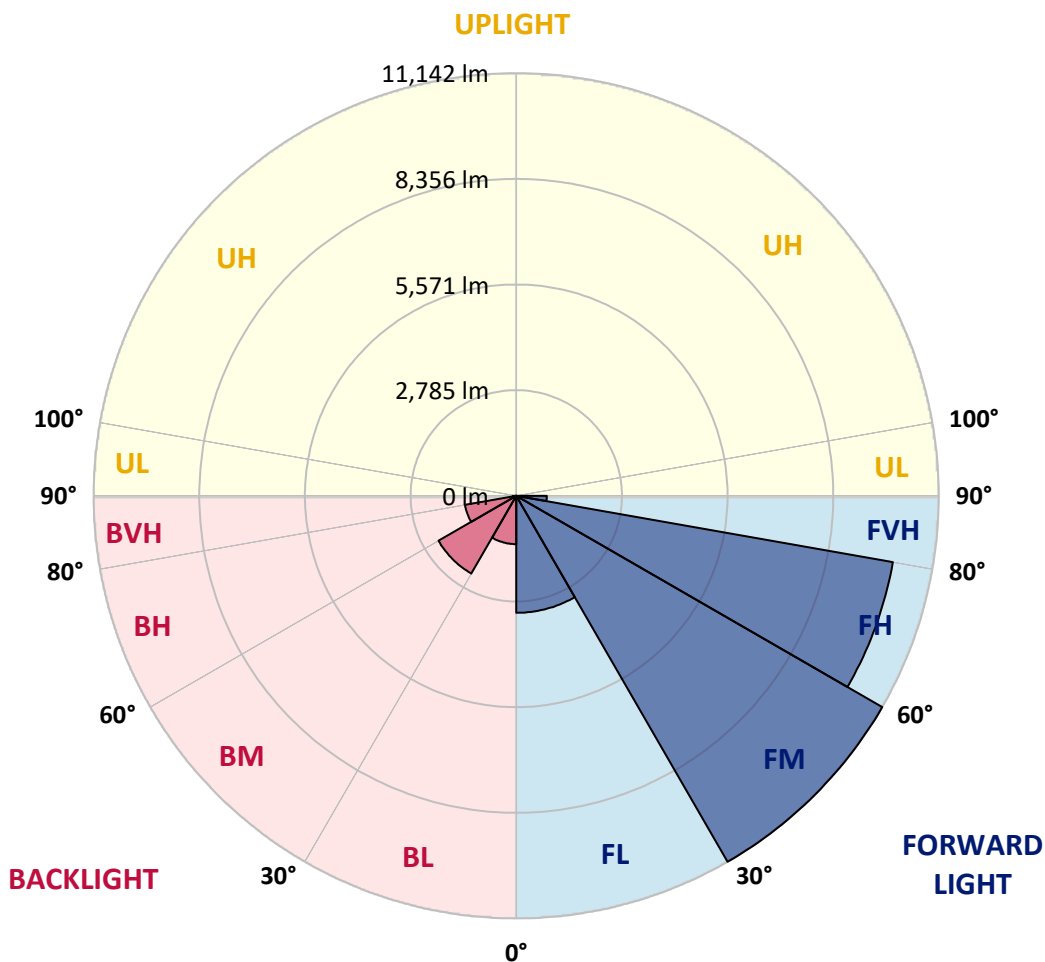


REPORT NUMBER: P650967
 CATALOG NUMBER: GALN-SA6C-840-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3084.9	10.2			
FM (30°-60°)	11141.8	36.9			
FH (60°-80°)	10082.2	33.4			G4/12000
FVH (80°-90°)	805.1	2.7			G5
BL (0°-30°)	1274.1	4.2	B3/2500		
BM (30°-60°)	2366.6	7.8	B2/2500		
BH (60°-80°)	1374.5	4.5	B3/2500		G3/2500
BVH (80°-90°)	92.9	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-G5
 Type III Medium





REPORT NUMBER: P650967

CATALOG NUMBER: GALN-SA6C-840-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2
2.5°	10180.6	10194.1	10281.3	10535.2	10709.6	10773.5	10818.1	10734.8	10653.4	10455.7	10157.3
5°	10149.5	10229.0	10455.7	11025.5	11475.1	11669.0	11727.1	11477.0	11064.3	10556.5	9946.0
7.5°	9556.5	9663.1	10011.9	10967.4	11760.0	12213.5	12153.5	11701.8	10957.6	10052.6	9199.9
10°	8853.0	8971.2	9391.7	10546.8	11568.1	12192.2	12192.2	11641.8	10653.4	9577.8	8595.2
12.5°	8294.8	8418.8	8899.5	10114.6	11168.9	11760.0	11858.9	11386.0	10434.4	9277.4	8197.9
15°	8110.7	8230.9	8748.3	9853.0	10746.4	11106.9	11139.9	10984.8	10327.8	9298.7	8180.5
17.5°	8339.4	8494.4	9017.7	9930.5	10358.8	10380.1	10405.4	10527.4	10339.4	9688.2	8533.2
20°	9000.2	9166.9	9713.5	10180.6	10019.7	9798.7	9812.3	10126.2	10477.0	10331.7	9376.2
22.5°	9953.7	10099.1	10659.2	10620.5	9876.3	9420.8	9325.8	9763.8	10680.5	11134.0	10273.6
25°	10982.9	11153.4	11796.9	11273.6	9916.9	9196.0	9136.0	9550.6	10891.8	11884.1	11310.4
27.5°	12161.2	12327.9	12835.6	11932.5	10130.1	9178.6	9106.9	9531.3	11081.7	12577.8	12300.7
30°	13037.2	13190.3	13535.2	12486.7	10391.7	9294.8	9205.7	9684.4	11244.5	13052.7	13265.8
32.5°	13725.2	13884.1	14072.1	12831.7	10736.7	9506.1	9341.3	9963.5	11457.7	13415.1	13981.0
35°	14442.2	14630.3	14616.7	13137.9	11058.5	9750.3	9589.4	10366.6	11792.9	13731.0	14888.0
37.5°	15351.2	15426.8	15329.9	13413.2	11444.1	10190.2	10101.1	10965.5	12269.7	14112.8	15948.1
40°	16273.7	16424.9	15926.8	13746.5	11913.1	11017.8	11008.0	11851.1	12835.6	14560.5	16975.2
42.5°	17064.4	17192.3	16484.9	14037.2	12480.9	12027.5	12101.1	13039.1	13577.9	15079.9	17800.9
45°	17659.4	17773.8	17000.5	14318.2	13229.0	13194.2	13628.3	14312.4	14514.0	15547.0	18285.4
47.5°	18165.3	18275.7	17359.0	14744.6	14153.5	14587.6	15343.5	15640.0	15314.4	15814.4	18828.1
50°	18591.6	18624.5	17605.2	15252.4	15300.8	16295.0	17027.6	17219.5	16105.1	16198.2	19299.0
52.5°	19035.4	18992.8	18029.6	15892.0	16541.1	17915.2	18448.2	18647.8	16862.9	16671.0	19985.0
55°	20029.6	20070.3	18981.1	16698.1	17795.1	19506.3	20207.9	20016.1	17702.0	17541.2	20857.1
57.5°	21231.2	21196.3	20320.3	17959.8	19072.2	20987.0	21510.3	21202.1	18822.3	18737.0	21740.9
60°	21698.3	21744.8	21440.5	19316.4	20331.9	22283.6	22818.4	22339.7	20165.3	20126.6	22407.6
62.5°	21229.3	21490.9	21696.4	20523.8	21405.6	23237.1	23768.1	23221.6	21566.5	21847.5	22874.7
65°	20295.1	20351.4	21051.0	21547.1	21923.1	23394.1	23671.2	23380.5	22737.1	23415.4	22853.3
67.5°	19082.0	19130.4	19950.2	21882.4	21256.4	21611.1	21804.9	21719.6	22374.6	23952.2	21801.0
70°	17926.8	17888.1	18754.4	21027.7	18504.4	17965.6	18126.5	17859.1	19306.8	22640.1	19737.0
72.5°	15678.8	15818.3	16748.5	18651.7	14651.6	13775.6	14126.4	13434.5	14849.3	19390.1	16019.8
75°	12281.4	12314.3	13866.7	15653.5	11052.7	9670.8	10145.7	9856.9	11374.4	16174.9	11062.3
77.5°	8504.1	8430.4	10099.1	11955.7	7882.0	7079.6	7087.4	6949.8	7942.1	11909.2	7515.7
80°	5401.3	5288.9	6321.9	7385.8	5416.8	5794.7	5604.8	5599.0	5170.7	7347.1	4544.7
82.5°	2918.7	3042.7	3994.3	4630.0	3885.8	4478.8	4104.8	3984.6	3548.5	4598.9	2907.1
85°	1329.5	1445.8	2129.9	3149.3	2951.7	2984.5	1994.3	2352.8	2936.1	3734.6	1552.4
87.5°	129.9	166.7	439.9	1486.5	1007.8	794.6	296.5	571.7	738.4	1327.5	124.0
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: P650967
 CATALOG NUMBER: GALN-SA6C-840-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2
2.5°	10035.1	9934.4	9591.4	9308.4	9008.0	8779.3	8480.9	8281.2	8143.7	7936.3	7911.0
5°	9573.9	9327.8	8730.8	8122.3	7597.1	7201.7	6800.6	6432.4	6215.3	6147.5	6060.2
7.5°	8796.8	8382.0	7614.6	6916.9	6314.1	5724.9	5271.5	4949.8	4734.7	4608.7	4457.5
10°	8157.2	7676.6	6742.5	5887.8	5391.7	5025.3	4626.1	4281.1	4015.6	3788.9	3664.8
12.5°	7726.9	7184.3	6133.9	5440.1	5056.3	4666.8	4199.7	3812.1	3420.6	3162.9	3052.4
15°	7597.1	7023.4	5945.9	5217.2	4666.8	4157.1	3633.8	3128.0	2740.4	2496.2	2414.8
17.5°	7915.0	7221.2	5943.9	4920.7	4209.5	3600.9	2930.3	2455.5	2058.2	1876.0	1817.9
20°	8508.0	7601.0	5961.4	4628.0	3713.3	2856.7	2131.9	1742.3	1552.4	1474.9	1445.8
22.5°	9335.5	8180.5	6013.7	4339.3	3170.7	2193.8	1597.0	1399.3	1331.5	1317.8	1312.0
25°	10355.0	8897.5	6190.1	4079.6	2713.2	1674.4	1335.3	1246.2	1207.4	1193.8	1191.9
27.5°	11292.9	9823.9	6403.3	3856.7	2271.4	1443.8	1207.4	1131.8	1093.0	1091.1	1095.0
30°	12139.8	10599.1	6581.6	3606.7	1936.1	1282.9	1124.1	1048.5	1011.6	1009.7	1021.3
32.5°	12872.4	11236.8	6713.4	3360.6	1750.0	1184.1	1048.5	967.1	936.0	930.2	936.0
35°	13655.4	11872.4	6653.3	3168.7	1643.5	1102.7	992.3	912.8	876.0	858.6	858.6
37.5°	14548.9	12527.5	6550.5	3009.8	1595.0	1034.9	943.9	866.3	829.5	812.1	810.1
40°	15523.7	13182.5	6409.1	2868.3	1546.5	994.2	910.9	829.5	784.9	767.5	763.6
42.5°	16384.2	13742.6	6292.8	2775.3	1467.1	1002.0	881.8	802.3	746.1	722.9	721.0
45°	17132.3	14306.6	6271.5	2721.0	1401.2	990.4	874.1	781.0	715.1	690.0	686.1
47.5°	17717.5	14893.9	6393.6	2690.0	1329.5	928.3	924.4	767.5	688.0	660.9	657.0
50°	18430.8	15727.2	6672.7	2626.0	1263.6	870.2	976.7	765.6	666.7	631.8	622.1
52.5°	19380.4	16812.5	7050.6	2511.7	1168.7	815.9	932.2	765.6	641.5	606.6	595.0
55°	20816.4	18196.2	7420.7	2350.8	1034.9	744.2	841.1	742.3	604.7	573.6	565.9
57.5°	21768.0	19207.9	7657.2	2128.0	868.2	691.9	724.9	705.4	567.8	534.9	534.9
60°	21816.5	19479.2	7544.8	1846.9	763.6	643.4	629.8	711.2	534.9	500.0	496.1
62.5°	21258.4	18814.5	6959.5	1595.0	707.4	591.1	569.8	624.0	502.0	467.1	461.3
65°	20386.3	17118.7	5943.9	1474.9	676.4	544.5	513.6	511.7	467.1	434.1	426.4
67.5°	18783.5	14959.7	4883.9	1405.1	660.9	492.2	463.2	453.5	426.4	399.2	395.4
70°	16421.0	12529.4	3916.8	1376.0	653.1	438.0	414.8	403.1	379.9	358.5	356.6
72.5°	12775.5	10163.1	3232.6	1356.6	649.3	387.6	362.4	346.9	333.4	313.9	313.9
75°	9176.6	7476.9	2467.2	1222.9	600.8	333.4	306.2	296.5	277.1	261.6	265.5
77.5°	5785.1	5035.0	1624.1	899.3	465.2	267.4	244.2	238.3	222.9	201.6	215.1
80°	3907.1	3540.8	947.7	565.9	292.7	195.7	188.0	186.0	168.6	145.3	147.3
82.5°	2659.0	2608.6	492.2	321.7	168.6	114.4	110.5	114.4	94.9	77.5	77.5
85°	1038.8	1418.7	232.5	126.0	54.2	17.4	25.2	27.2	15.5	7.7	9.7
87.5°	19.3	145.3	5.8	0.0	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: P650967
 CATALOG NUMBER: GALN-SA6C-840-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2
2.5°	7872.3	7854.9	7884.0	7759.9	7785.1	7831.6	7854.9	7868.4	8060.3	8015.7	8137.9
5°	6141.7	6124.2	6236.6	6252.1	6310.3	6298.6	6354.8	6368.4	6438.2	6463.3	6633.9
7.5°	4467.1	4542.7	4670.7	4736.6	4835.4	4866.4	4837.3	4909.1	4763.7	4868.4	4899.3
10°	3589.2	3498.1	3443.9	3595.0	3614.4	3757.8	3699.7	3653.2	3738.5	3742.4	3823.8
12.5°	2988.5	2792.7	2662.9	2705.5	2752.0	2814.1	2823.7	2916.8	2978.7	3036.9	3085.4
15°	2343.1	2275.2	2157.0	2098.9	2164.8	2190.0	2250.1	2327.6	2393.5	2410.9	2476.8
17.5°	1798.5	1810.2	1790.7	1755.8	1796.5	1816.0	1819.8	1821.8	1839.2	1827.6	1924.5
20°	1447.7	1488.4	1536.8	1544.6	1558.2	1567.9	1550.5	1484.5	1486.5	1527.2	1558.2
22.5°	1310.1	1317.8	1372.1	1389.6	1432.2	1414.7	1364.4	1333.4	1329.5	1339.2	1354.7
25°	1201.6	1213.2	1252.0	1279.1	1312.0	1281.0	1244.3	1215.2	1211.3	1221.0	1236.4
27.5°	1104.7	1122.1	1157.0	1184.1	1215.2	1186.1	1151.2	1126.0	1124.1	1122.1	1131.8
30°	1027.2	1046.5	1071.8	1102.7	1124.1	1098.9	1065.9	1052.3	1050.4	1046.5	1050.4
32.5°	949.7	980.6	1005.8	1021.3	1042.7	1023.2	998.1	990.4	976.7	965.1	959.3
35°	862.4	895.4	934.1	953.5	974.8	955.5	938.1	905.1	881.8	879.9	883.7
37.5°	812.1	825.6	856.6	889.5	910.9	901.2	868.2	835.3	829.5	829.5	833.3
40°	767.5	773.3	786.8	829.5	868.2	839.1	798.4	788.8	788.8	786.8	788.8
42.5°	722.9	728.7	728.7	761.6	823.7	777.2	746.1	746.1	746.1	748.1	753.9
45°	682.2	684.2	682.2	705.4	763.6	724.9	703.5	709.3	713.2	717.0	721.0
47.5°	647.3	649.3	647.3	666.7	695.8	680.3	668.6	676.4	684.2	690.0	693.8
50°	616.3	614.4	618.2	629.8	643.4	647.3	639.6	651.2	655.1	662.8	672.5
52.5°	589.2	587.2	591.1	596.9	616.3	616.3	616.3	626.0	633.8	641.5	655.1
55°	558.2	560.1	565.9	573.6	598.9	595.0	596.9	604.7	612.4	624.0	631.8
57.5°	529.1	532.9	540.7	552.4	577.5	575.6	577.5	581.4	591.1	596.9	604.7
60°	496.1	503.9	513.6	521.3	546.6	544.5	554.3	562.0	567.8	567.8	571.7
62.5°	463.2	474.8	484.5	490.3	517.5	519.4	532.9	538.7	542.6	538.7	544.5
65°	430.3	447.7	451.5	459.4	486.4	488.4	503.9	517.5	513.6	509.7	519.4
67.5°	397.3	418.6	416.7	426.4	453.5	457.3	471.0	494.2	486.4	482.6	490.3
70°	360.5	376.0	377.9	383.7	420.6	414.8	436.1	457.3	451.5	453.5	453.5
72.5°	319.7	333.4	333.4	345.0	383.7	374.1	391.5	414.8	414.8	412.8	412.8
75°	271.3	279.0	286.9	304.3	345.0	333.4	345.0	366.3	370.1	366.3	366.3
77.5°	219.0	230.6	234.5	257.8	286.9	284.9	296.5	306.2	313.9	310.1	310.1
80°	155.1	166.7	182.2	207.4	224.8	230.6	236.4	244.2	248.1	248.1	252.0
82.5°	87.2	104.6	118.2	143.4	151.1	180.2	178.3	184.1	178.3	157.0	174.4
85°	19.3	36.8	52.3	65.9	75.6	104.6	110.5	124.0	102.7	94.9	94.9
87.5°	0.0	0.0	0.0	0.0	0.0	15.5	31.0	42.6	36.8	31.0	31.0
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: P650967
 CATALOG NUMBER: GALN-SA6C-840-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2	9442.2
2.5°	8240.5	8409.2	8612.7	8963.5	9209.5	9475.0	9742.5	10027.4	10103.0	10180.6
5°	6680.4	7011.8	7192.1	7663.0	8157.2	8785.1	9298.7	9860.7	10095.3	10149.5
7.5°	5060.2	5285.0	5757.9	6234.7	6847.1	7506.0	8292.8	9168.8	9442.2	9556.5
10°	4011.7	4317.9	4732.7	5244.3	5781.2	6490.5	7378.1	8401.4	8789.0	8853.0
12.5°	3414.8	3755.9	4207.5	4748.2	5256.0	5790.9	6686.2	7742.5	8157.2	8294.8
15°	2730.7	3143.5	3664.8	4234.6	4787.0	5372.2	6279.2	7471.1	7949.8	8110.7
17.5°	2145.4	2478.8	3042.7	3661.0	4316.0	5056.3	6194.0	7601.0	8190.2	8339.4
20°	1641.5	1879.9	2354.7	3007.8	3775.3	4744.3	6215.3	8091.3	8796.8	9000.2
22.5°	1418.7	1540.7	1829.5	2451.6	3310.2	4473.0	6302.5	8763.8	9614.6	9953.7
25°	1284.9	1348.9	1511.7	1918.7	2866.4	4209.5	6502.1	9668.9	10758.1	10982.9
27.5°	1170.6	1217.1	1317.8	1610.5	2463.2	3965.2	6734.6	10672.8	11825.9	12161.2
30°	1062.0	1124.1	1219.0	1430.3	2205.5	3742.4	7027.3	11486.7	12725.2	13037.2
32.5°	978.7	1040.7	1127.9	1304.3	1986.5	3507.8	7201.7	12201.9	13459.7	13725.2
35°	910.9	963.2	1054.3	1203.6	1819.8	3329.5	7166.8	12769.7	14170.9	14442.2
37.5°	862.4	907.0	998.1	1108.5	1693.9	3143.5	7149.4	13519.7	15037.2	15351.2
40°	817.9	864.4	947.7	1046.5	1567.9	2924.5	7159.1	14263.9	15959.7	16273.7
42.5°	783.0	835.3	903.1	1029.1	1438.0	2748.1	7159.1	14911.3	16762.1	17064.4
45°	753.9	810.1	876.0	1027.2	1335.3	2614.4	7110.7	15467.5	17401.6	17659.4
47.5°	728.7	790.7	885.7	992.3	1310.1	2517.5	7068.0	15913.2	17923.0	18165.3
50°	711.2	784.9	941.9	951.6	1317.8	2488.4	7273.5	16475.3	18382.3	18591.6
52.5°	697.7	786.8	940.0	891.5	1304.3	2507.9	7701.8	17353.2	19019.9	19035.4
55°	670.5	784.9	891.5	823.7	1248.1	2540.7	8252.1	18628.4	20018.0	20029.6
57.5°	643.4	763.6	827.5	765.6	1133.8	2540.7	8914.9	19835.8	21221.5	21231.2
60°	616.3	794.6	726.8	715.1	984.6	2494.2	9614.6	20366.8	21599.4	21698.3
62.5°	589.2	800.4	649.3	670.5	876.0	2381.9	10135.9	19779.6	21087.8	21229.3
65°	558.2	645.4	598.9	624.0	819.8	2193.8	9971.2	18704.0	20126.6	20295.1
67.5°	521.3	546.6	544.5	575.6	800.4	1916.7	9103.0	17343.5	19091.6	19082.0
70°	476.8	490.3	496.1	529.1	763.6	1701.6	7585.5	15577.9	17709.8	17926.8
72.5°	430.3	441.9	447.7	476.8	726.8	1579.5	5887.8	13145.8	15339.6	15678.8
75°	379.9	387.6	395.4	420.6	688.0	1399.3	4193.9	10035.1	11748.3	12281.4
77.5°	327.6	327.6	337.2	362.4	579.4	1155.0	2814.1	7038.9	7959.6	8504.1
80°	265.5	267.4	263.6	290.7	426.4	790.7	1598.9	4701.7	5296.6	5401.3
82.5°	203.5	197.7	199.7	213.2	317.8	538.7	852.8	2920.6	2976.8	2918.7
85°	127.9	127.9	124.0	139.5	203.5	281.0	465.2	1788.8	1397.3	1329.5
87.5°	52.3	42.6	48.4	56.2	96.9	114.4	182.2	368.2	141.5	129.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)