

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: P652619

Luminaire Tested: **GALN-SA9B-840-U-SLR-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P652619  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SA9B-840-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 32309.5 lumens  
Efficiency: N/A  
Efficacy: 88.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3

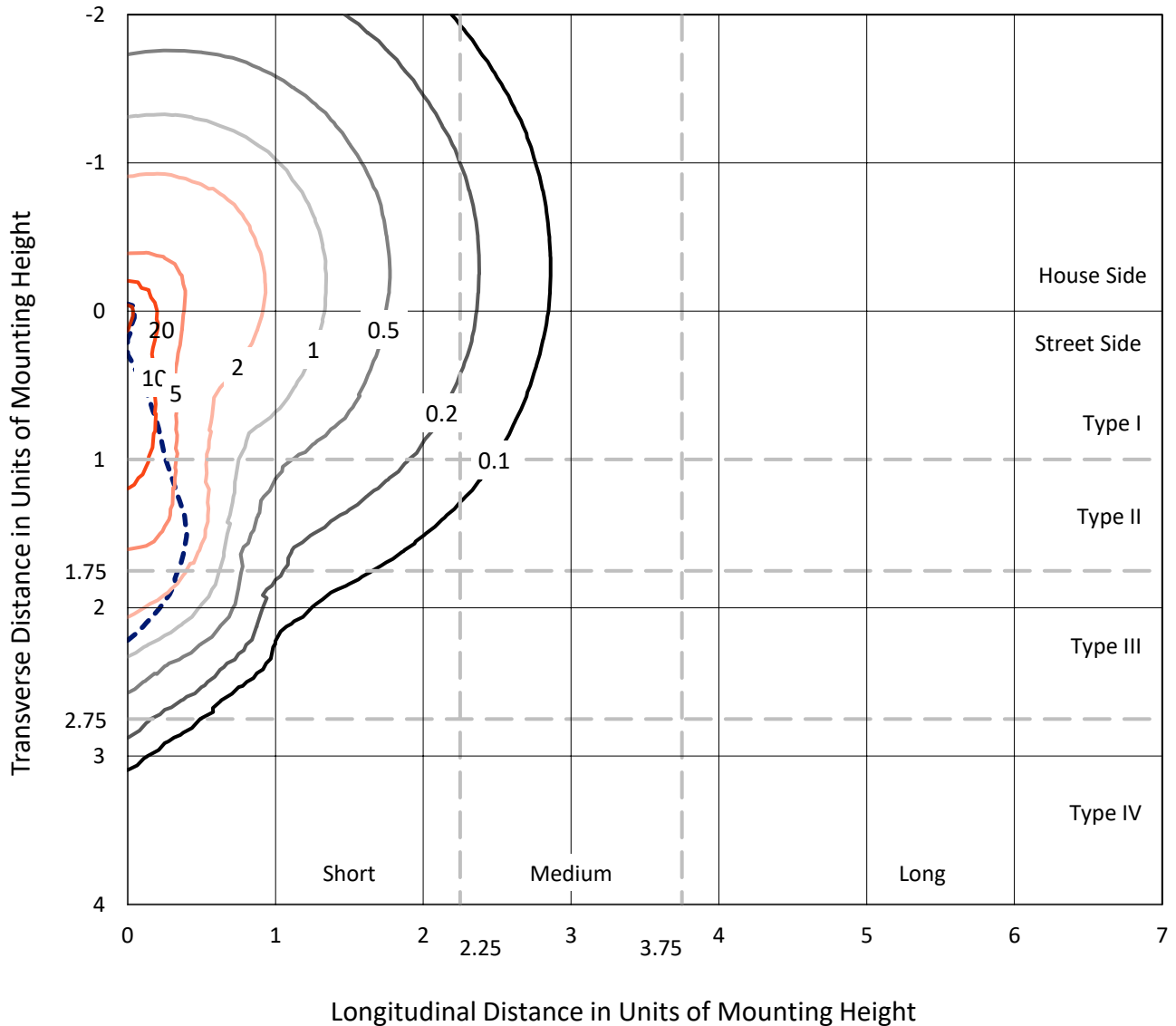
Input Watts (W): 364  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P652619  
 CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

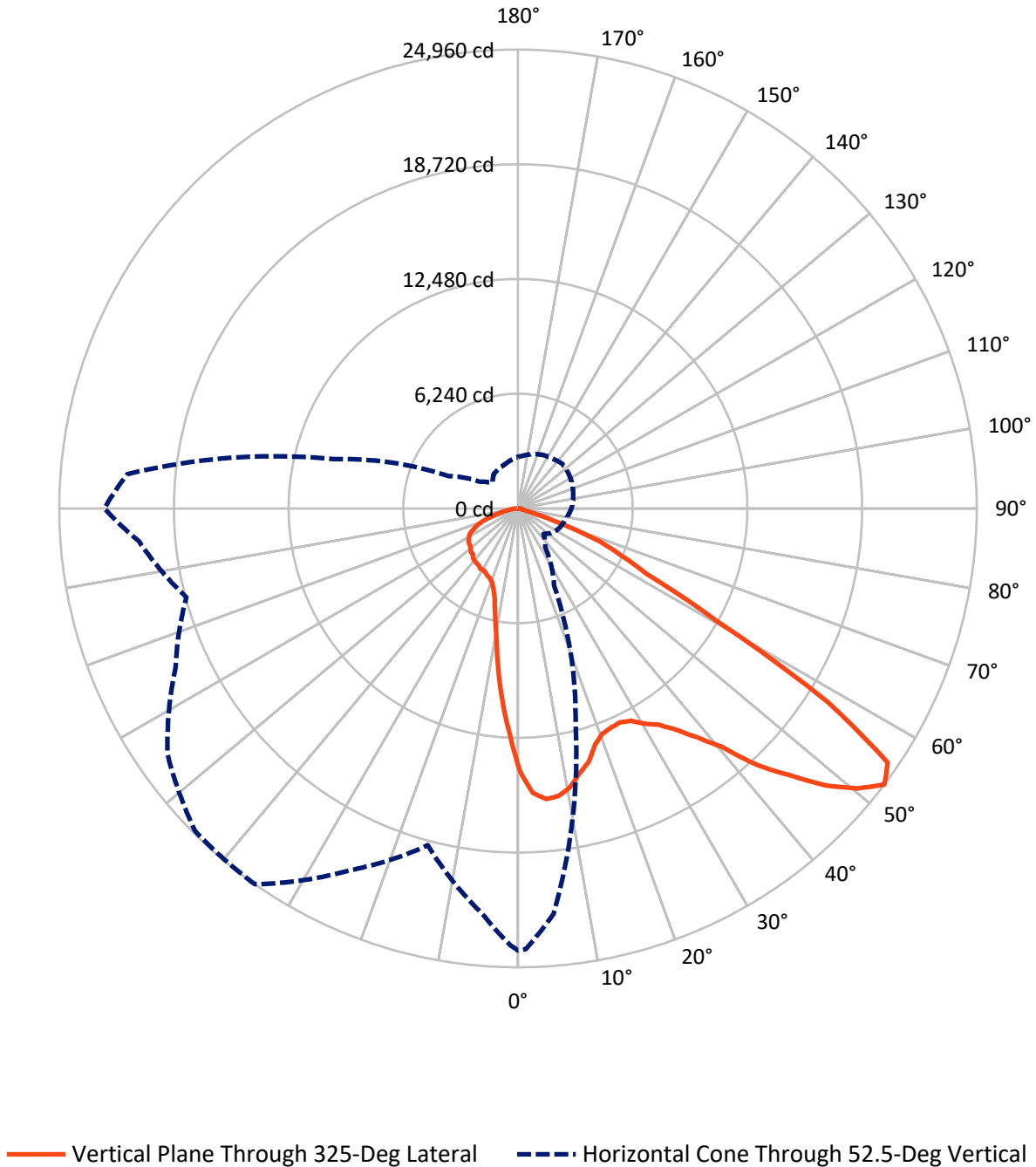
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.9 fc  
 Type III - Short - N/A

REPORT NUMBER: P652619  
CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

### Luminous Intensity Polar Plot



REPORT NUMBER: P652619  
 CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

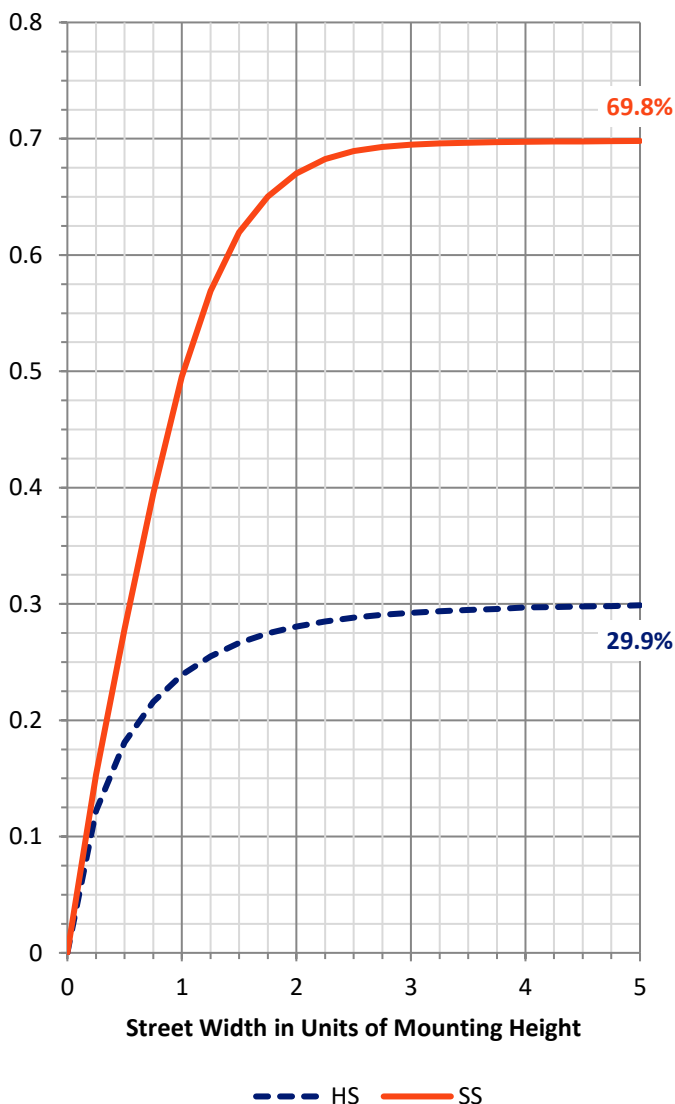
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	9740.0	0.0	9740.0
	% Fixture	30.1	0.0	30.1
<b>Street Side</b>	Lumens	22569.6	0.0	22569.6
	% Fixture	69.9	0.0	69.9
<b>Total</b>	Lumens	32309.5	0.0	32309.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1094.0	3.4
10°-20°	2371.5	7.3
20°-30°	3583.2	11.1
30°-40°	5177.9	16.0
40°-50°	6890.8	21.3
50°-60°	7707.5	23.9
60°-70°	4343.9	13.4
70°-80°	968.3	3.0
80°-90°	172.4	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°	32309.5	100.0
0°-180°	32309.5	100.0

**Coefficient of Utilization**

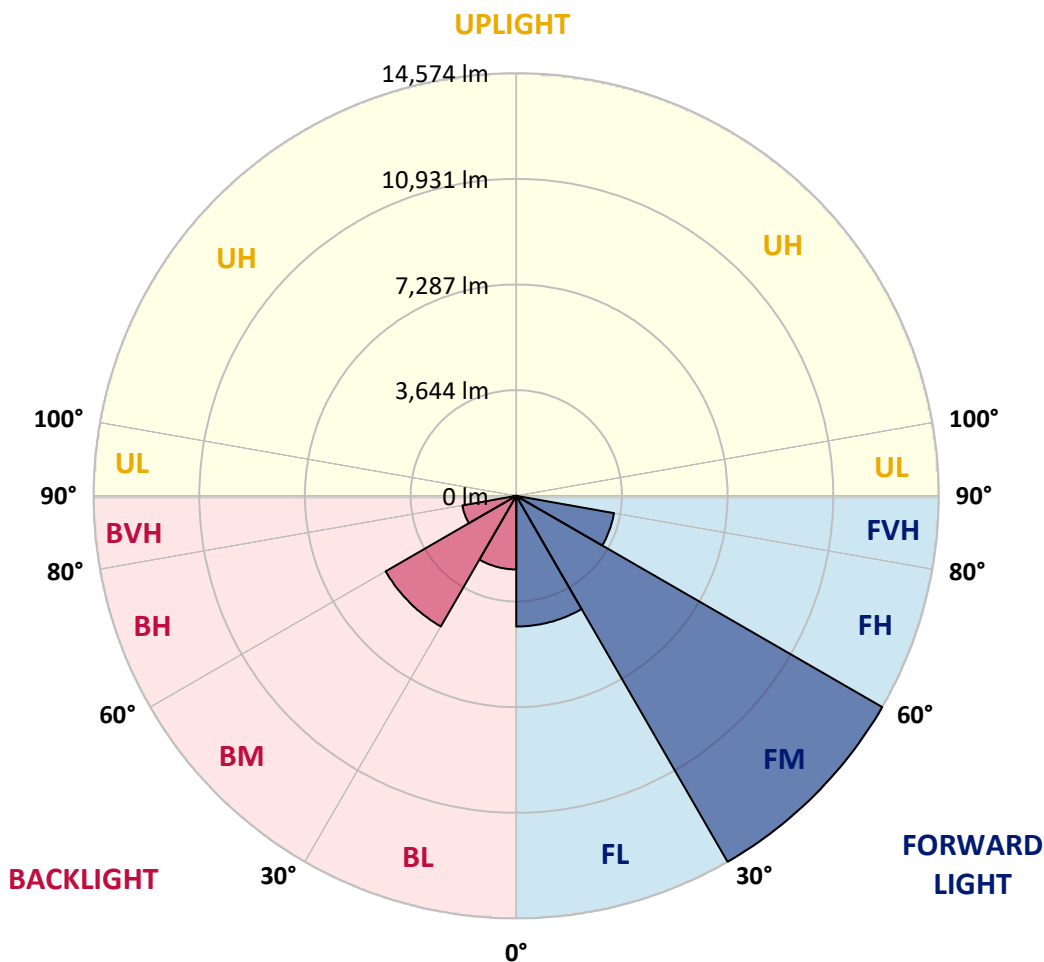


REPORT NUMBER: P652619  
 CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4508.7	14.0			
FM (30°-60°)	14574.1	45.1			
FH (60°-80°)	3424.3	10.6			G2/5000
FVH (80°-90°)	62.4	0.2			G1/100
BL (0°-30°)	2540.0	7.9	B4/5000		
BM (30°-60°)	5202.1	16.1	B4/8500		
BH (60°-80°)	1887.9	5.8	B3/2500		G3/2500
BVH (80°-90°)	110.0	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**  
 Type III Short





REPORT NUMBER: P652619

CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1
2.5°	14578.0	14812.1	14559.3	14109.7	13791.3	13500.9	13196.6	13135.7	12737.6	12667.4	12377.0
5°	13749.1	13697.6	13388.6	12798.5	12147.6	11557.5	11122.0	10700.5	10414.9	10082.4	10058.9
7.5°	12742.3	12442.6	12264.6	11370.2	10564.7	9637.5	9239.5	8597.9	8396.5	8096.8	7942.2
10°	11843.1	11623.0	11206.2	10311.8	9187.9	8574.5	8148.3	7801.8	7567.7	7258.6	6869.9
12.5°	11398.3	11309.3	10841.0	9454.9	8621.3	7965.7	7666.0	7328.8	6930.8	6434.3	6242.3
15°	11477.9	11178.2	10822.2	9290.9	8138.9	7506.8	7029.1	6607.7	6097.2	5624.2	5347.9
17.5°	12072.6	11843.1	11131.4	9394.0	7956.3	7043.1	6176.8	5554.0	5095.0	4668.9	4476.9
20°	13243.4	12910.9	12110.1	9525.1	7562.9	6396.9	5404.1	4636.1	4144.4	3919.6	3854.1
22.5°	14540.6	14343.8	13065.4	9820.1	7249.2	5797.5	4584.6	3816.6	3634.0	3573.1	3694.8
25°	16118.7	15608.3	14549.9	10302.5	7005.7	5287.0	3891.6	3465.3	3371.7	3432.6	3573.1
27.5°	17317.5	17181.7	15589.5	10756.7	6673.2	4673.6	3502.8	3221.9	3250.0	3310.8	3442.0
30°	18741.1	18052.7	16596.4	11070.5	6373.5	4252.1	3231.2	3156.3	3184.4	3287.4	3353.0
32.5°	19598.1	19340.6	17228.6	11543.5	6026.9	3886.8	3020.5	2950.2	2992.4	3146.9	3301.5
35°	20689.3	20178.8	18010.6	11665.2	5783.5	3741.7	2870.7	2819.1	2917.5	3025.2	3198.5
37.5°	21963.0	21611.8	19092.4	11580.9	5652.3	3591.8	2744.2	2720.8	2791.0	2940.9	3142.2
40°	22716.9	22609.3	19659.0	11632.5	5446.2	3460.7	2599.0	2627.1	2772.3	2889.3	3086.0
42.5°	23442.8	22740.4	20497.3	11613.7	5315.1	3282.8	2613.1	2580.3	2692.7	2828.5	3015.8
45°	23602.0	22904.3	20693.9	11482.6	5155.9	3109.5	2505.3	2519.4	2655.2	2823.8	2945.6
47.5°	23499.0	22983.9	21059.2	11445.1	5006.1	2987.7	2346.1	2514.8	2594.3	2730.1	2903.4
50°	23428.7	23400.7	21368.3	11623.0	4804.7	2795.7	2154.1	2453.9	2533.5	2669.2	2856.6
52.5°	24046.9	23986.0	22140.9	12091.4	4645.5	2589.7	1957.5	2299.3	2491.3	2622.4	2805.1
55°	24421.5	24154.6	23466.3	12667.4	4378.6	2318.0	1821.7	2107.3	2388.3	2505.3	2692.7
57.5°	21967.7	21785.0	21227.8	11824.5	3929.0	1962.1	1653.1	1910.7	2247.8	2430.4	2622.4
60°	18277.5	17991.8	16563.6	10049.6	2898.8	1526.7	1550.0	1756.1	2210.3	2280.6	2505.3
62.5°	17233.3	16526.1	14582.7	8087.5	2224.4	1311.2	1390.8	1615.6	2013.7	2130.8	2355.6
65°	13674.2	13149.7	10433.6	5839.7	1489.2	1138.0	1269.1	1456.4	1737.3	1966.8	2172.9
67.5°	8560.5	8059.3	5568.0	2762.9	1039.6	974.0	1133.2	1330.0	1559.4	1765.5	1994.9
70°	4472.2	3924.3	2570.9	997.4	716.5	796.1	946.0	1133.2	1358.0	1526.7	1704.6
72.5°	1667.1	1353.3	838.2	430.8	496.4	608.8	768.0	903.8	1063.0	1269.1	1367.4
75°	257.6	220.1	215.4	262.2	337.2	440.2	547.9	683.7	824.2	955.3	1020.9
77.5°	121.8	117.1	131.1	173.2	224.8	313.8	398.0	529.2	641.6	725.9	763.3
80°	79.6	74.9	84.3	117.1	168.6	234.1	318.4	407.4	510.4	580.7	571.3
82.5°	46.8	51.6	51.6	79.6	117.1	168.6	229.4	309.1	379.3	440.2	402.8
85°	28.1	23.4	23.4	46.8	79.6	135.8	192.0	131.1	135.8	135.8	154.6
87.5°	9.3	9.3	9.3	4.7	9.3	9.3	14.0	23.4	28.1	32.8	42.1
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: P652619

CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1
2.5°	12367.7	12512.8	12461.3	12278.7	12419.1	12442.6	12348.9	12672.0	12732.9	12634.6	12662.7
5°	10026.1	10063.7	10147.9	10325.9	10452.4	10602.2	10602.2	10611.6	10485.1	10803.6	10709.9
7.5°	7811.1	7834.6	7932.9	8312.2	8419.9	8705.6	8827.4	8743.0	8490.1	8382.5	8471.5
10°	6743.5	6607.7	6574.9	6621.7	6865.2	6986.9	7090.0	7061.9	7019.7	6935.5	6841.8
12.5°	6031.7	5933.3	5853.7	5741.3	5755.3	5872.5	5952.0	5886.5	5905.2	5923.9	5952.0
15°	5258.9	5188.7	5146.6	4978.0	4959.2	5038.9	5066.9	5104.4	5174.7	5179.3	5146.6
17.5°	4439.5	4378.6	4472.2	4565.9	4500.3	4505.0	4556.5	4589.3	4570.6	4486.2	4444.1
20°	3877.5	3943.0	4036.7	4125.7	4195.9	4238.1	4256.8	4205.3	4144.4	3971.1	3966.5
22.5°	3713.6	3797.9	3877.5	4013.3	4078.8	4186.6	4088.2	3971.1	3886.8	3802.6	3704.2
25°	3591.8	3662.1	3821.3	3872.8	3999.2	4088.2	4018.0	3900.9	3755.7	3634.0	3559.0
27.5°	3502.8	3582.5	3685.5	3826.0	3924.3	3975.8	3905.6	3858.8	3708.9	3563.7	3456.0
30°	3446.7	3530.9	3718.2	3835.3	3919.6	3961.8	3840.0	3783.8	3676.1	3554.3	3460.7
32.5°	3409.2	3484.1	3643.3	3793.2	3849.3	3849.3	3868.1	3802.6	3652.7	3446.7	3367.0
35°	3287.4	3390.5	3521.6	3694.8	3797.9	3858.8	3765.1	3690.1	3591.8	3381.1	3235.9
37.5°	3217.2	3287.4	3456.0	3619.9	3708.9	3774.5	3737.0	3605.9	3474.8	3301.5	3184.4
40°	3142.2	3254.7	3404.5	3559.0	3657.3	3722.9	3694.8	3540.3	3381.1	3217.2	3137.6
42.5°	3090.8	3165.7	3320.2	3493.5	3610.6	3737.0	3652.7	3460.7	3348.3	3123.6	3034.6
45°	3048.6	3170.3	3334.2	3404.5	3526.2	3657.3	3507.6	3390.5	3259.3	3095.4	3020.5
47.5°	2997.1	3109.5	3217.2	3404.5	3460.7	3521.6	3493.5	3306.1	3193.8	3015.8	2964.3
50°	2978.3	3020.5	3217.2	3320.2	3399.8	3460.7	3385.8	3245.3	3137.6	2954.9	2842.6
52.5°	2903.4	2983.0	3109.5	3245.3	3343.6	3418.6	3296.8	3207.8	3062.7	2870.7	2800.4
55°	2809.8	2856.6	3081.3	3221.9	3273.3	3324.9	3278.0	3132.9	2983.0	2786.3	2716.1
57.5°	2688.0	2795.7	2978.3	3175.0	3240.6	3268.7	3193.8	3076.7	2889.3	2716.1	2603.7
60°	2561.6	2674.0	2875.3	3034.6	3100.1	3203.1	3090.8	3020.5	2805.1	2613.1	2491.3
62.5°	2435.1	2561.6	2711.4	2912.8	2969.0	3011.1	2983.0	2884.7	2711.4	2496.0	2346.1
65°	2285.2	2378.9	2566.2	2669.2	2706.8	2805.1	2706.8	2669.2	2514.8	2308.7	2182.2
67.5°	2060.5	2140.1	2304.0	2402.3	2430.4	2472.6	2467.9	2425.8	2252.5	2112.0	1999.6
70°	1802.9	1873.2	1976.2	2093.2	2107.3	2158.8	2112.0	2102.7	1990.2	1798.2	1737.3
72.5°	1447.0	1512.6	1648.4	1699.9	1704.6	1723.3	1699.9	1667.1	1639.0	1437.7	1376.8
75°	1109.9	1147.3	1212.9	1259.7	1259.7	1283.1	1269.1	1236.3	1161.3	1034.9	974.0
77.5°	772.7	810.1	894.4	922.6	917.9	927.2	885.1	852.3	739.9	674.3	622.8
80°	562.0	585.3	627.6	646.2	650.9	665.0	613.4	585.3	519.8	444.9	421.4
82.5°	407.4	421.4	426.1	449.6	449.6	426.1	412.1	384.0	337.2	290.3	271.6
85°	168.6	173.2	178.0	206.0	210.8	252.9	234.1	220.1	192.0	163.9	149.9
87.5°	42.1	46.8	60.9	51.6	60.9	60.9	65.6	74.9	74.9	60.9	60.9
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: P652619

CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1
2.5°	12770.4	12807.8	13285.5	13346.4	13580.6	13819.4	14301.7	14648.3	14929.3	15111.8	15163.4
5°	10808.2	11047.0	11267.1	11623.0	11946.2	12405.1	12934.3	13589.9	14414.1	14835.6	15004.1
7.5°	8462.1	8743.0	9061.5	9408.0	9881.0	10705.2	11412.4	12171.0	13224.6	13660.1	14320.5
10°	6907.3	7221.1	7642.6	7909.5	8480.8	9267.6	10091.7	10967.5	11974.3	12601.8	13365.1
12.5°	6106.6	6364.1	6752.8	7314.8	7740.9	8251.4	8864.8	9970.0	11412.4	12007.0	12531.6
15°	5221.5	5507.1	5956.7	6579.6	7090.0	7698.8	8387.1	9590.7	11126.7	12044.5	12489.4
17.5°	4490.9	4697.0	5170.0	5708.5	6293.9	6958.9	7946.9	9571.9	11426.4	12601.8	13327.7
20°	3985.2	4013.3	4270.9	4729.8	5525.9	6392.2	7675.3	9478.2	12386.4	13561.8	14479.7
22.5°	3666.8	3638.7	3643.3	4032.0	4589.3	5834.9	7249.2	9796.7	13477.5	15088.5	15706.6
25°	3507.6	3432.6	3385.8	3470.1	3975.8	5174.7	6926.1	10218.2	14652.9	16348.1	17106.8
27.5°	3423.2	3292.1	3198.5	3212.5	3582.5	4842.1	6724.7	10400.8	15819.0	18104.3	18371.2
30°	3390.5	3226.6	3090.8	3043.9	3287.4	4378.6	6293.9	10714.6	16863.3	19068.9	19298.4
32.5°	3273.3	3072.0	2940.9	2898.8	2997.1	3971.1	5984.8	10939.4	17785.8	20117.9	20038.3
35°	3137.6	2969.0	2805.1	2725.5	2795.7	3708.9	5736.6	10831.7	18872.3	20932.7	20890.6
37.5°	3123.6	2903.4	2767.6	2636.5	2631.8	3385.8	5399.5	10934.7	19565.4	22393.8	21817.8
40°	3001.8	2861.3	2683.3	2575.6	2514.8	3221.9	5071.7	10691.1	20581.5	22983.9	22417.3
42.5°	3006.5	2795.7	2641.2	2514.8	2453.9	2983.0	4846.9	10625.6	20937.5	23943.9	22698.3
45°	2931.6	2725.5	2594.3	2444.5	2411.7	2800.4	4631.5	10321.2	21564.9	23990.7	22347.0
47.5°	2856.6	2674.0	2533.5	2355.6	2280.6	2734.8	4462.9	10068.4	21237.2	23550.5	21859.9
50°	2805.1	2594.3	2463.2	2336.8	2126.0	2622.4	4242.8	10007.5	20778.3	22955.8	20956.2
52.5°	2716.1	2528.8	2393.0	2294.7	1957.5	2519.4	4158.5	10363.4	21340.2	22510.9	20693.9
55°	2631.8	2439.8	2266.6	2074.6	1817.0	2247.8	3924.3	10695.8	22159.7	23536.5	21883.4
57.5°	2542.8	2360.2	2172.9	1943.4	1681.2	1966.8	3680.8	10756.7	20623.7	21752.3	20773.5
60°	2425.8	2191.6	2051.1	1751.4	1536.0	1629.7	2917.5	9482.9	15996.9	18165.1	18197.9
62.5°	2294.7	2041.8	1920.0	1568.8	1386.1	1404.9	2378.9	7970.4	12976.5	15036.9	15931.4
65°	2121.3	1877.9	1732.7	1451.7	1278.4	1217.6	1742.0	5839.7	9857.6	12199.0	13215.3
67.5°	1896.6	1667.1	1484.5	1264.4	1142.7	1044.3	1189.4	3287.4	5820.9	8190.5	8499.6
70°	1657.8	1461.1	1269.1	1086.4	950.7	880.4	871.0	1456.4	2781.7	4406.7	5015.5
72.5°	1306.6	1166.0	1011.6	875.7	786.8	683.7	622.8	604.1	941.2	1793.6	2477.2
75°	936.6	819.6	730.6	641.6	576.0	519.8	473.0	430.8	393.3	449.6	618.1
77.5°	590.0	547.9	477.7	454.2	416.8	402.8	384.0	360.6	332.4	313.8	313.8
80°	398.0	370.0	346.6	341.9	327.8	323.1	327.8	304.4	276.3	252.9	262.2
82.5°	266.9	262.2	257.6	252.9	257.6	262.2	271.6	266.9	243.6	229.4	234.1
85°	159.2	168.6	178.0	187.3	206.0	182.7	149.9	126.4	112.4	103.0	98.3
87.5°	60.9	84.3	74.9	70.2	74.9	70.2	65.6	60.9	51.6	46.8	46.8
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: P652619

CATALOG NUMBER: GALN-SA9B-840-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1	14339.1
2.5°	15505.3	15598.9	15678.5	15659.8	15495.8	15275.8	15186.8	14732.6	14638.9	14578.0
5°	15715.9	16259.1	16376.3	16306.0	15879.8	15341.4	14816.8	14151.8	13763.1	13749.1
7.5°	15327.3	15996.9	16207.7	16366.9	15800.3	14863.7	13964.6	12967.0	12723.6	12742.3
10°	14339.1	15406.9	15926.7	16090.6	15439.7	14629.5	13383.8	12372.4	11852.5	11843.1
12.5°	13791.3	14629.5	14774.7	15004.1	14812.1	13992.6	13046.7	11913.4	11407.7	11398.3
15°	13304.2	13856.8	13899.0	14222.1	14325.1	13772.6	13135.7	11927.5	11520.0	11477.9
17.5°	13730.4	13346.4	13187.1	13229.4	13533.7	13735.0	13650.8	12723.6	12306.8	12072.6
20°	14016.0	13159.0	12676.7	12723.6	13084.1	13819.4	14418.8	13875.6	13215.3	13243.4
22.5°	14779.4	13187.1	12433.2	12381.7	12953.0	14259.6	15285.1	15331.9	14695.0	14540.6
25°	15922.0	13510.3	12358.3	12344.2	12892.1	14732.6	16296.6	17055.3	16404.4	16118.7
27.5°	16839.8	14016.0	12592.5	12639.3	13084.1	15116.6	17158.3	18165.1	17668.7	17317.5
30°	17645.4	14540.6	12920.2	12704.8	13599.3	15317.9	17528.3	19429.5	19031.5	18741.1
32.5°	17977.8	15285.1	13440.0	13084.1	14025.4	15561.4	18296.3	20656.5	20314.6	19598.1
35°	18539.8	15701.9	13721.0	13692.9	14770.0	16146.8	18656.8	21466.6	21326.2	20689.3
37.5°	18989.4	16123.4	14718.5	14409.4	15790.9	17130.2	19237.5	22585.8	22262.7	21963.0
40°	19335.9	16877.4	15650.4	16057.8	17045.9	18024.6	19771.4	22656.1	23587.9	22716.9
42.5°	19017.4	17551.7	17181.7	18155.8	19092.4	19045.5	19832.3	23199.3	23897.1	23442.8
45°	18937.8	18694.3	19602.8	20487.9	20703.3	19893.2	19396.7	22599.9	23803.4	23602.0
47.5°	18745.8	19818.2	21401.0	22843.4	22515.6	20459.8	18876.9	22492.2	23859.6	23499.0
50°	18680.3	20061.7	22731.0	24135.9	23939.2	20951.5	18633.4	21799.1	23461.5	23428.7
52.5°	18675.6	20562.8	23283.6	24838.3	24960.1	21728.8	18965.9	22150.3	23770.6	24046.9
55°	18886.3	20403.6	23213.4	24449.6	24402.8	21382.3	19003.4	22384.5	24149.9	24421.5
57.5°	17813.9	18277.5	19157.9	20136.7	19883.8	17710.9	16971.0	20693.9	22164.4	21967.7
60°	15383.5	13931.8	12939.0	12892.1	12400.5	11721.4	13889.6	18469.5	18469.5	18277.5
62.5°	13472.8	9145.8	7858.0	7492.7	7843.9	8626.0	13397.9	17963.8	17453.4	17233.3
65°	11782.3	6982.2	5680.5	5577.3	6186.1	7366.2	12114.8	15303.8	14404.7	13674.2
67.5°	7581.7	5113.8	4224.0	4041.3	4776.6	5408.8	8064.0	9412.7	8846.1	8560.5
70°	4889.0	3329.6	2350.8	2205.7	2491.3	3334.2	5151.2	5488.5	4664.2	4472.2
72.5°	2313.3	1437.7	824.2	679.0	763.3	1273.8	2037.1	2191.6	1821.7	1667.1
75°	735.2	529.2	337.2	290.3	276.3	327.8	468.3	360.6	262.2	257.6
77.5°	327.8	313.8	266.9	224.8	196.7	163.9	135.8	112.4	117.1	121.8
80°	271.6	248.2	220.1	196.7	163.9	126.4	98.3	74.9	74.9	79.6
82.5°	238.8	215.4	192.0	163.9	140.4	103.0	74.9	51.6	46.8	46.8
85°	103.0	121.8	131.1	140.4	112.4	84.3	51.6	32.8	28.1	28.1
87.5°	42.1	37.4	32.8	28.1	23.4	23.4	18.8	14.0	9.3	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)