

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P641725

Luminaire Tested: GWS-SA6B-740-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P641725  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA6B-740-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

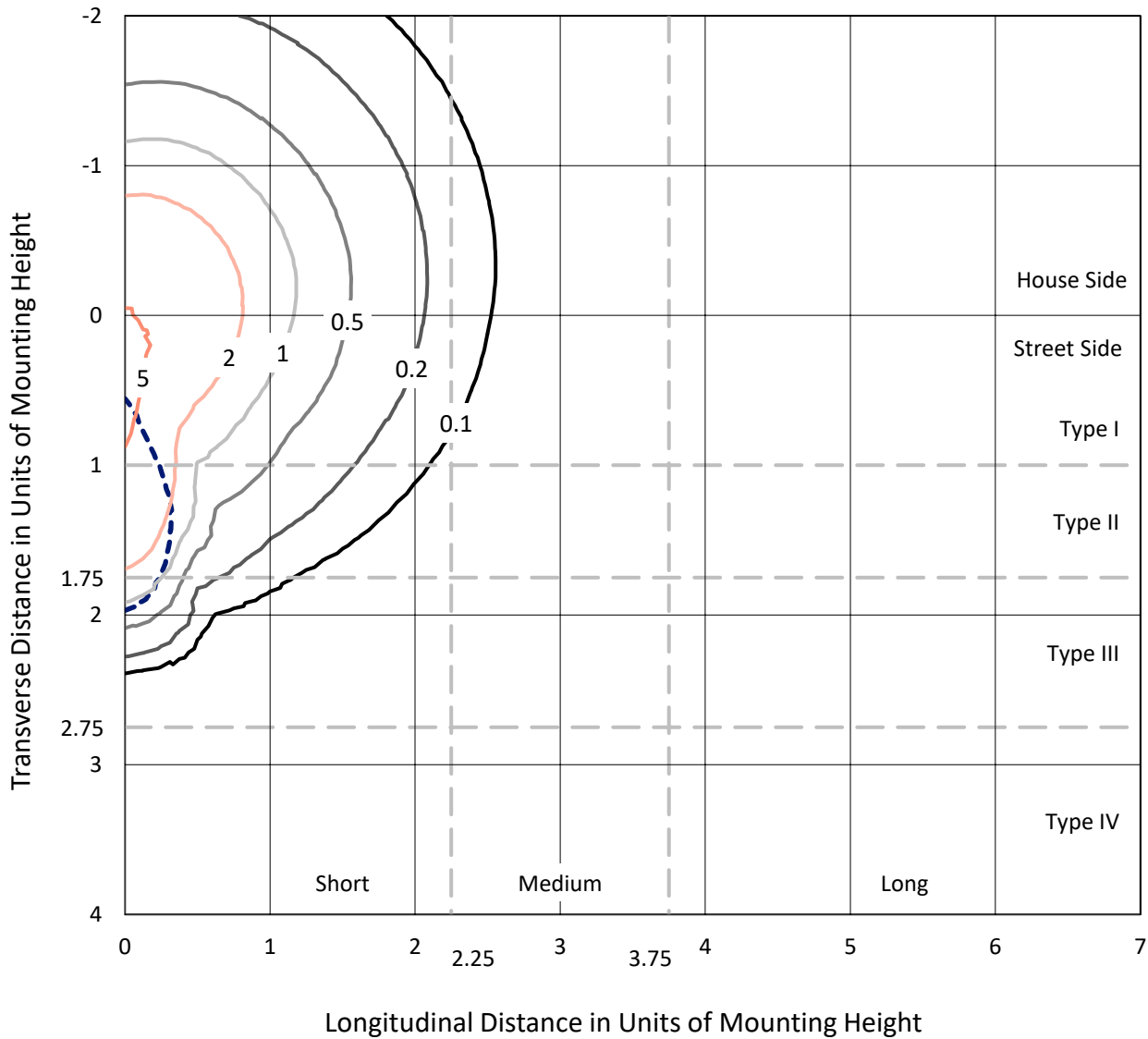
Lumens per Lamp: N/A  
Luminaire Lumens: 16480.3 lumens  
Efficiency: N/A  
Efficacy: 118.6 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 138.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 0  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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 CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

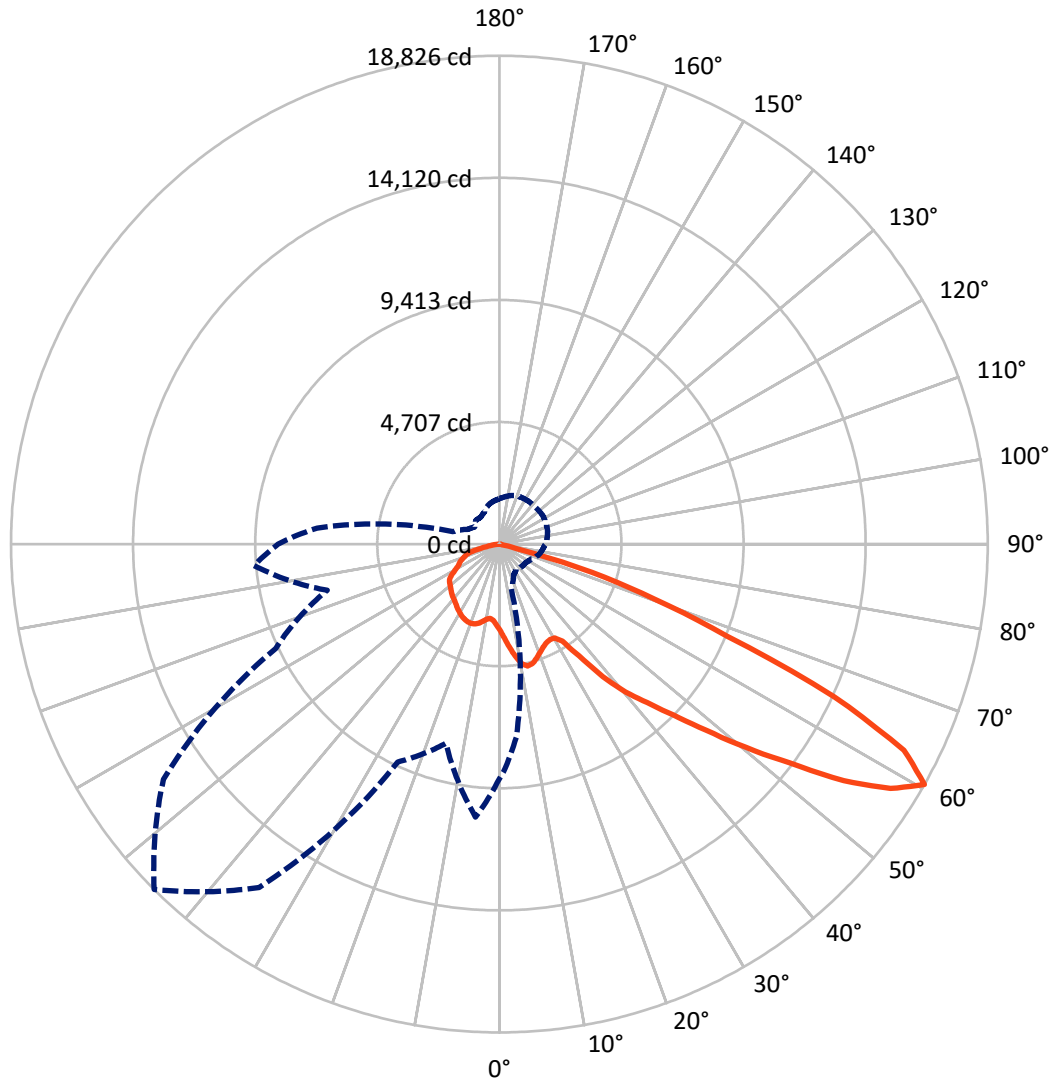
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.4 fc  
 Type III - Short - N/A

REPORT NUMBER: P641725  
CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P641725

CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5637.8	0.0	5637.8
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	10842.5	0.0	10842.5
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	16480.3	0.0	16480.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	324.8	2.0
10°-20°	1041.6	6.3
20°-30°	1696.4	10.3
30°-40°	2383.0	14.5
40°-50°	3260.9	19.8
50°-60°	4183.6	25.4
60°-70°	2817.1	17.1
70°-80°	704.3	4.3
80°-90°	68.7	0.4
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°	16480.3	100.0
0°-180°	16480.3	100.0

**Coefficient of Utilization**



REPORT NUMBER: P641725

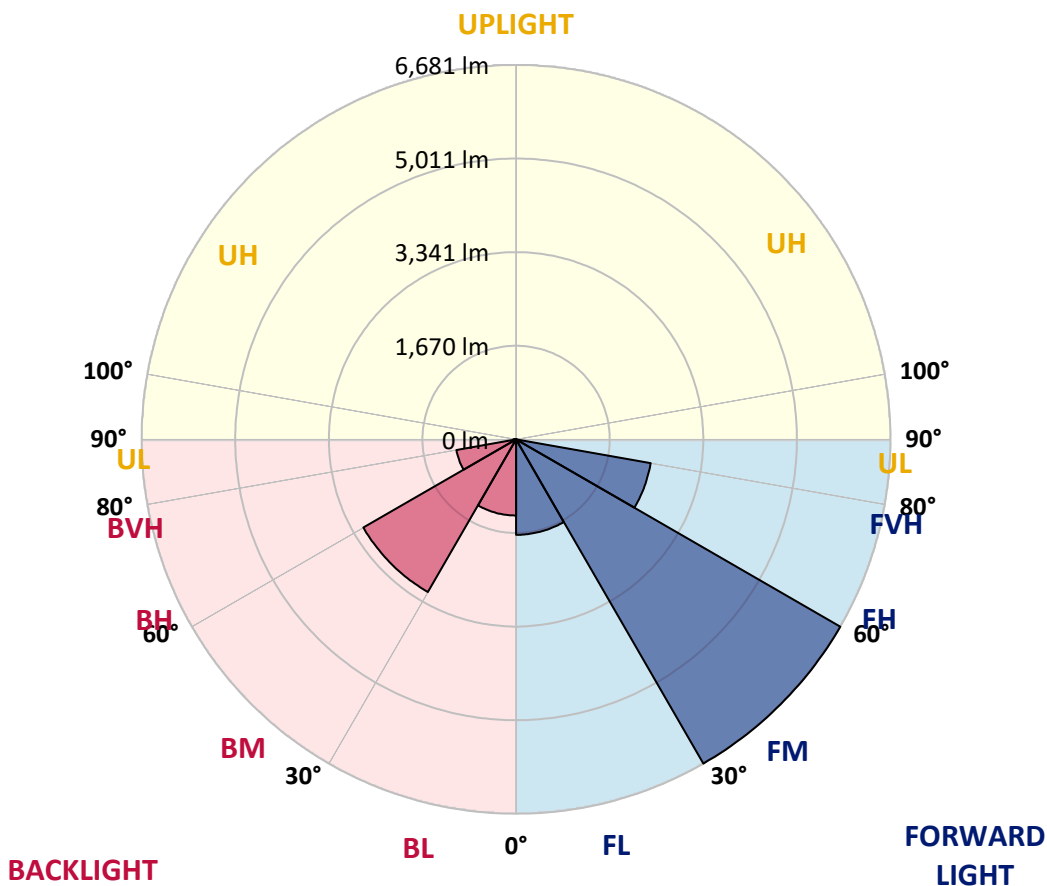
CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1703.7	10.3			
FM (30°-60°)	6681.2	40.5			
FH (60°-80°)	2439.8	14.8			G2/5000
FVH (80°-90°)	17.8	0.1			G1/100
BL (0°-30°)	1359.0	8.2	B3/2500		
BM (30°-60°)	3146.3	19.1	B3/5000		
BH (60°-80°)	1081.6	6.6	B3/2500		G3/2500
BVH (80°-90°)	50.8	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 III Short





REPORT NUMBER: P641725

CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9
2.5°	3516.7	3509.1	3501.5	3442.3	3427.1	3384.6	3354.3	3316.3	3261.7	3231.3	3205.5
5°	3736.7	3724.6	3683.6	3562.2	3483.3	3396.8	3325.4	3246.5	3163.0	3108.4	3065.9
7.5°	3944.7	3941.6	3871.8	3671.5	3544.0	3419.5	3322.4	3207.0	3087.1	3005.2	2950.5
10°	4137.4	4114.7	4031.2	3770.1	3603.2	3460.5	3355.8	3228.3	3088.6	2977.9	2905.0
12.5°	4307.4	4278.6	4163.2	3861.2	3654.8	3478.7	3364.9	3260.2	3167.6	3075.0	2991.5
15°	4447.0	4412.1	4295.3	3946.2	3700.3	3468.1	3308.7	3226.8	3258.6	3299.6	3207.0
17.5°	4577.6	4541.1	4398.5	4008.4	3714.0	3402.8	3170.6	3135.7	3296.6	3483.3	3440.8
20°	4686.9	4645.9	4480.4	4038.8	3689.7	3278.4	2991.5	3052.2	3264.7	3487.8	3556.1
22.5°	4805.2	4771.8	4573.0	4082.8	3659.3	3106.9	2841.3	2990.0	3210.1	3405.9	3509.1
25°	4995.0	4954.0	4717.2	4160.2	3644.1	2946.0	2733.5	2929.3	3134.2	3311.8	3392.2
27.5°	5269.7	5193.8	4914.5	4295.3	3660.8	2794.2	2665.2	2854.9	3046.2	3197.9	3263.2
30°	5568.7	5477.6	5133.1	4434.9	3685.1	2701.6	2628.8	2769.9	2911.1	3062.8	3134.2
32.5°	5922.3	5841.9	5366.8	4539.6	3633.5	2659.1	2601.4	2677.3	2789.6	2911.1	2970.3
35°	6344.3	6200.1	5621.8	4624.6	3466.6	2596.9	2577.2	2575.6	2634.8	2753.2	2820.0
37.5°	6798.1	6643.2	5936.0	4715.7	3207.0	2498.2	2519.5	2455.7	2510.4	2604.5	2680.4
40°	7169.9	7007.5	6253.2	4840.1	2882.2	2343.4	2392.0	2323.7	2357.1	2454.2	2539.2
42.5°	7534.2	7361.2	6549.1	4981.3	2568.1	2191.7	2215.9	2190.1	2200.8	2302.4	2420.8
45°	8012.3	7818.0	6913.4	5081.5	2285.8	2071.7	2049.0	2005.0	2061.1	2193.2	2319.1
47.5°	8810.6	8578.4	7509.9	5146.7	2080.9	2003.4	1898.7	1872.9	1942.7	2090.0	2220.5
50°	9744.0	9543.7	8463.0	5143.7	1927.6	1945.8	1753.0	1730.3	1845.6	1994.3	2132.5
52.5°	10509.0	10305.6	9278.1	4991.9	1801.6	1822.8	1668.0	1604.3	1762.1	1900.2	2038.4
55°	11126.7	10897.5	9653.0	4357.5	1642.2	1627.0	1575.4	1458.6	1657.4	1806.1	1935.1
57.5°	10794.3	10521.1	9199.2	3313.3	1478.3	1382.7	1416.1	1329.6	1514.7	1701.4	1825.9
60°	9050.4	8804.5	7473.5	1763.6	1300.7	1155.0	1224.8	1238.5	1358.4	1575.4	1702.9
62.5°	6216.8	6037.7	5064.8	1070.0	1026.0	927.4	1036.6	1135.3	1224.8	1408.5	1519.3
65°	3041.6	2988.5	2533.1	686.0	717.9	749.8	859.1	979.0	1111.0	1271.9	1388.8
67.5°	837.8	843.9	768.0	535.8	566.1	654.2	740.7	836.3	968.3	1117.1	1235.5
70°	368.8	374.9	387.0	412.8	470.5	550.9	640.5	739.2	860.6	985.0	1098.9
72.5°	256.5	262.6	280.8	314.2	365.8	441.7	526.7	620.8	746.7	851.5	945.6
75°	157.8	162.4	179.1	207.9	242.8	300.5	384.0	470.5	581.3	676.9	760.4
77.5°	83.5	80.4	91.1	110.8	141.2	171.5	227.7	282.3	361.2	438.6	508.5
80°	45.5	44.0	50.1	60.7	69.8	94.1	132.0	168.5	214.0	258.0	296.0
82.5°	19.7	18.2	19.7	25.8	31.9	45.5	66.8	92.6	118.4	148.7	173.0
85°	0.0	0.0	0.0	1.5	7.6	12.1	22.8	33.4	48.6	66.8	82.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	13.7
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: P641725

CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9
2.5°	3190.3	3152.4	3149.4	3119.0	3122.0	3123.6	3093.2	3081.1	3091.7	3103.8	3097.8
5°	3050.7	3011.2	2994.5	2965.7	2962.7	2949.0	2936.9	2921.7	2932.3	2942.9	2949.0
7.5°	2929.3	2903.5	2892.9	2885.3	2888.3	2882.2	2857.9	2844.3	2842.8	2847.3	2853.4
10°	2889.8	2868.6	2882.2	2903.5	2918.7	2929.3	2903.5	2880.7	2859.5	2850.4	2850.4
12.5°	2974.8	2947.5	2974.8	2997.6	3027.9	3035.5	3006.7	2982.4	2974.8	2983.9	3002.1
15°	3163.0	3099.3	3097.8	3111.4	3135.7	3147.8	3120.5	3108.4	3108.4	3166.1	3211.6
17.5°	3351.2	3246.5	3202.5	3194.9	3210.1	3214.6	3191.9	3181.2	3208.6	3320.9	3405.9
20°	3483.3	3355.8	3260.2	3241.9	3246.5	3248.0	3229.8	3222.2	3261.7	3398.3	3469.6
22.5°	3469.6	3375.5	3258.6	3235.9	3243.5	3240.4	3223.7	3220.7	3252.6	3371.0	3404.3
25°	3375.5	3302.7	3204.0	3188.8	3201.0	3199.4	3182.7	3175.2	3188.8	3267.7	3270.8
27.5°	3267.7	3204.0	3119.0	3114.5	3134.2	3144.8	3116.0	3093.2	3088.6	3141.8	3129.6
30°	3138.7	3091.7	3023.4	3026.4	3062.8	3068.9	3034.0	3000.6	2991.5	3020.3	3003.7
32.5°	2985.4	2970.3	2933.8	2941.4	2976.3	2988.5	2952.0	2917.1	2906.5	2915.6	2880.7
35°	2854.9	2848.8	2851.9	2865.5	2895.9	2905.0	2874.6	2847.3	2832.1	2800.3	2754.7
37.5°	2719.8	2736.5	2780.5	2806.3	2823.0	2820.0	2803.3	2783.6	2759.3	2700.1	2643.9
40°	2593.9	2636.4	2715.3	2744.1	2750.2	2751.7	2739.6	2722.9	2692.5	2613.6	2549.8
42.5°	2496.7	2543.8	2648.5	2692.5	2695.5	2698.6	2686.4	2672.8	2630.3	2525.6	2463.3
45°	2395.0	2457.3	2580.2	2633.3	2630.3	2628.8	2618.1	2612.1	2562.0	2440.6	2372.3
47.5°	2308.5	2381.4	2513.4	2558.9	2557.4	2555.9	2548.3	2548.3	2498.2	2366.2	2288.8
50°	2223.5	2307.0	2445.1	2483.1	2486.1	2483.1	2480.0	2484.6	2425.4	2284.2	2208.3
52.5°	2130.9	2225.0	2369.2	2404.1	2422.4	2429.9	2429.9	2419.3	2349.5	2202.3	2118.8
55°	2029.2	2118.8	2285.8	2332.8	2348.0	2361.6	2361.6	2340.4	2275.1	2126.4	2036.8
57.5°	1903.3	1982.2	2114.2	2161.3	2197.7	2206.8	2206.8	2171.9	2118.8	1976.1	1903.3
60°	1766.7	1835.0	1924.5	1974.6	2001.9	1983.7	1997.4	1988.3	1945.8	1813.7	1753.0
62.5°	1584.5	1654.4	1753.0	1804.6	1816.8	1798.5	1816.8	1815.2	1757.6	1639.2	1566.3
65°	1454.0	1522.3	1619.5	1686.2	1706.0	1701.4	1713.6	1695.3	1624.0	1511.7	1441.9
67.5°	1299.2	1372.1	1484.4	1558.7	1599.7	1604.3	1621.0	1583.0	1510.2	1387.2	1299.2
70°	1152.0	1214.2	1300.7	1370.5	1428.2	1457.1	1460.1	1405.4	1314.4	1212.7	1148.9
72.5°	997.2	1060.9	1165.6	1241.5	1314.4	1347.8	1347.8	1281.0	1182.3	1070.0	1001.7
75°	809.0	868.2	963.8	1045.7	1129.2	1171.7	1170.2	1112.5	1003.2	897.0	825.7
77.5°	547.9	591.9	652.6	714.9	727.0	760.4	777.1	704.2	643.5	585.9	522.1
80°	318.7	346.1	379.4	414.3	421.9	432.6	405.2	377.9	346.1	308.1	279.3
82.5°	186.7	204.9	221.6	248.9	253.5	256.5	232.2	220.1	194.3	171.5	153.3
85°	91.1	97.1	112.3	126.0	119.9	116.9	106.2	94.1	83.5	74.4	65.3
87.5°	18.2	18.2	27.3	25.8	21.2	18.2	10.6	13.7	3.0	3.0	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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9
2.5°	3117.5	3143.3	3175.2	3217.7	3266.2	3317.8	3367.9	3405.9	3443.8	3500.0	3490.9
5°	2958.1	3002.1	3052.2	3117.5	3196.4	3286.0	3386.1	3486.3	3594.1	3685.1	3724.6
7.5°	2865.5	2914.1	2973.3	3058.3	3160.0	3269.3	3410.4	3572.8	3747.4	3867.3	3941.6
10°	2865.5	2927.8	3005.2	3087.1	3176.7	3289.0	3463.5	3666.9	3891.5	4049.4	4135.9
12.5°	3031.0	3093.2	3109.9	3106.9	3156.9	3281.4	3506.0	3765.6	4034.2	4201.2	4307.4
15°	3289.0	3310.2	3184.3	3068.9	3076.5	3226.8	3525.8	3844.5	4157.2	4357.5	4472.8
17.5°	3462.0	3405.9	3181.2	2979.4	2936.9	3134.2	3525.8	3920.4	4287.7	4513.8	4621.6
20°	3475.7	3336.0	3103.8	2892.9	2783.6	3011.2	3501.5	3978.1	4413.7	4664.1	4779.4
22.5°	3355.8	3217.7	3021.9	2818.5	2657.6	2862.5	3462.0	4022.1	4521.4	4805.2	4947.9
25°	3219.2	3103.8	2938.4	2742.6	2571.1	2712.2	3425.6	4096.4	4671.7	4996.5	5140.7
27.5°	3085.6	2988.5	2838.2	2678.9	2522.5	2581.7	3402.8	4205.7	4850.8	5268.2	5392.6
30°	2955.1	2867.1	2730.5	2618.1	2496.7	2496.7	3383.1	4331.7	5087.5	5573.2	5697.7
32.5°	2823.0	2739.6	2628.8	2558.9	2481.5	2463.3	3328.5	4450.1	5331.9	5907.1	6034.6
35°	2700.1	2616.6	2531.6	2502.8	2474.0	2437.5	3193.4	4542.7	5570.2	6297.2	6406.5
37.5°	2584.8	2504.3	2440.6	2433.0	2436.0	2367.7	2980.9	4620.1	5867.7	6696.4	6754.0
40°	2484.6	2395.0	2344.9	2343.4	2358.6	2255.4	2712.2	4730.9	6207.7	7034.8	7010.5
42.5°	2395.0	2300.9	2240.2	2253.9	2244.8	2143.1	2449.7	4832.6	6503.6	7352.0	7303.5
45°	2307.0	2215.9	2130.9	2150.7	2140.0	2073.3	2226.6	4906.9	6831.5	7733.0	7739.1
47.5°	2222.0	2132.5	2047.5	2023.2	2021.7	2052.0	2055.1	4931.2	7365.7	8346.2	8208.1
50°	2143.1	2053.5	1965.5	1883.5	1915.4	2009.5	1927.6	4913.0	8165.6	9023.1	8637.6
52.5°	2061.1	1976.1	1879.0	1731.8	1815.2	1907.8	1813.7	4847.7	8654.3	9621.1	9390.4
55°	1967.0	1886.6	1754.5	1575.4	1677.1	1696.9	1696.9	4216.3	8862.2	10213.0	10355.7
57.5°	1841.0	1734.8	1525.4	1381.2	1472.2	1396.3	1572.4	2950.5	8519.2	10026.3	10580.3
60°	1698.4	1584.5	1363.0	1259.7	1287.1	1153.5	1340.2	1850.2	7060.6	8531.3	9490.6
62.5°	1510.2	1405.4	1221.8	1141.4	1085.2	941.0	1079.1	1170.2	4840.1	6335.1	6989.3
65°	1384.2	1268.9	1104.9	998.7	883.3	757.4	716.4	768.0	2603.0	3545.5	3987.2
67.5°	1235.5	1121.6	966.8	833.3	740.7	649.6	578.3	560.1	892.4	1180.8	1278.0
70°	1094.3	985.0	856.0	731.6	639.0	549.4	479.6	429.5	412.8	409.8	403.7
72.5°	950.1	848.4	740.7	625.3	523.6	441.7	379.4	321.8	297.5	289.9	282.3
75°	778.6	698.2	590.4	466.0	384.0	308.1	259.5	221.6	200.3	192.8	183.6
77.5°	500.9	464.4	370.3	300.5	232.2	183.6	157.8	133.6	119.9	116.9	109.3
80°	267.1	248.9	204.9	173.0	138.1	112.3	98.7	85.0	77.4	74.4	71.3
82.5°	148.7	135.1	113.8	100.2	80.4	68.3	60.7	54.6	50.1	48.6	47.1
85°	66.8	57.7	45.5	42.5	37.9	34.9	33.4	30.4	28.8	27.3	25.8
87.5°	3.0	6.1	7.6	6.1	6.1	9.1	10.6	10.6	9.1	9.1	7.6
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: P641725

CATALOG NUMBER: GWS-SA6B-740-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9	3323.9
2.5°	3547.0	3592.5	3597.1	3612.3	3592.5	3588.0	3556.1	3537.9	3521.2	3516.7
5°	3823.2	3914.3	3950.7	3976.5	3952.3	3940.1	3870.3	3797.4	3756.5	3736.7
7.5°	4107.1	4243.7	4315.0	4346.9	4349.9	4295.3	4175.4	4038.8	3970.5	3944.7
10°	4360.5	4529.0	4623.1	4683.8	4662.6	4595.8	4431.9	4246.7	4160.2	4137.4
12.5°	4548.7	4709.6	4782.5	4821.9	4820.4	4784.0	4629.2	4428.8	4330.2	4307.4
15°	4670.2	4765.8	4770.3	4779.4	4805.2	4853.8	4773.4	4588.2	4478.9	4447.0
17.5°	4765.8	4727.8	4656.5	4632.2	4689.9	4825.0	4873.5	4723.3	4604.9	4577.6
20°	4826.5	4635.2	4509.3	4462.2	4529.0	4749.1	4934.2	4844.7	4721.8	4686.9
22.5°	4873.5	4548.7	4345.4	4313.5	4383.3	4667.1	4996.5	4988.9	4853.8	4805.2
25°	4947.9	4491.1	4230.0	4207.2	4272.5	4627.7	5080.0	5184.7	5064.8	4995.0
27.5°	5064.8	4485.0	4170.8	4163.2	4252.8	4662.6	5199.9	5471.5	5321.3	5269.7
30°	5227.2	4542.7	4184.5	4199.7	4308.9	4788.5	5386.5	5799.4	5649.1	5568.7
32.5°	5460.9	4697.5	4392.4	4457.7	4538.1	4990.4	5659.7	6154.5	6040.7	5922.3
35°	5769.0	5122.5	5007.1	5284.9	5209.0	5432.1	5989.1	6585.6	6447.5	6344.3
37.5°	6180.3	5993.6	6099.9	6482.4	6298.7	6266.8	6391.3	6977.2	6901.3	6798.1
40°	6757.1	6795.0	6990.8	7493.2	7227.6	7022.7	6884.6	7271.6	7297.4	7169.9
42.5°	7139.6	7314.1	7786.1	8356.8	7991.0	7500.8	7297.4	7648.0	7649.5	7534.2
45°	7282.2	7739.1	8725.6	9382.8	8771.2	7774.0	7525.1	8159.5	8144.3	8012.3
47.5°	7230.6	8097.3	9701.5	10706.3	9772.9	7968.3	7493.2	8888.0	9011.0	8810.6
50°	7122.9	8457.0	10841.4	12327.3	11002.3	8174.7	7444.6	9695.5	9898.9	9744.0
52.5°	7232.1	8857.7	12189.2	14002.9	12544.3	8504.0	7772.5	10732.1	10695.7	10509.0
55°	7578.2	9331.2	13826.8	16108.0	14238.1	9061.0	8614.8	11720.2	11349.8	11126.7
57.5°	7561.5	9669.7	15262.6	17773.0	15711.9	9517.9	8907.8	11824.9	11076.6	10794.3
60°	6863.3	9514.9	15809.0	18826.3	16156.6	9265.9	7944.0	10562.1	9346.4	9050.4
62.5°	5122.5	8443.3	14749.6	17507.4	14898.4	8003.2	5973.9	7581.2	6716.1	6216.8
65°	3276.9	6605.3	12400.1	14183.5	12280.2	6121.1	3557.6	4064.6	3184.3	3041.6
67.5°	1394.8	4662.6	9639.3	9479.9	9187.0	3965.9	1373.6	1144.4	853.0	837.8
70°	461.4	3172.1	5942.0	6323.0	5486.7	2732.0	453.8	384.0	382.5	368.8
72.5°	302.0	1702.9	3345.2	3724.6	3530.3	1572.4	274.7	256.5	262.6	256.5
75°	180.6	370.3	563.1	731.6	563.1	264.1	165.4	162.4	165.4	157.8
77.5°	106.2	103.2	100.2	100.2	98.7	91.1	83.5	80.4	82.0	83.5
80°	68.3	65.3	62.2	60.7	53.1	50.1	47.1	44.0	44.0	45.5
82.5°	44.0	41.0	37.9	33.4	27.3	22.8	21.2	18.2	18.2	19.7
85°	22.8	18.2	13.7	10.6	6.1	3.0	0.0	0.0	0.0	0.0
87.5°	4.6	0.0	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

(END OF REPORT)