

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: P635840

Luminaire Tested: GWS-SA3E-750-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P635840  
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-SA3E-750-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

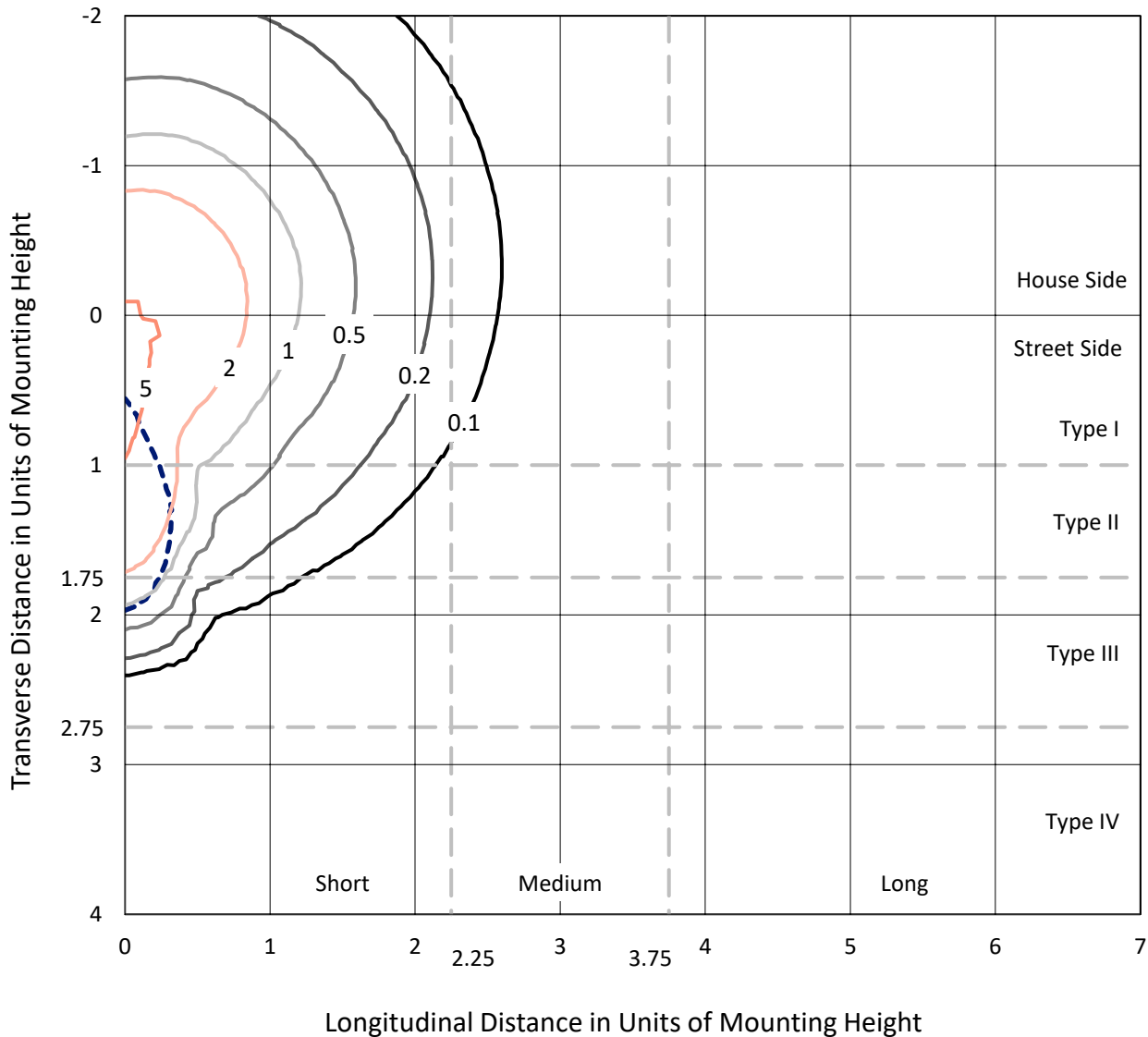
Lumens per Lamp: N/A  
Luminaire Lumens: 17510 lumens  
Efficiency: N/A  
Efficacy: 110.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 159.2  
Input Voltage (V): 120  
Input Current (Ain): 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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### Iso-Footcandle Lines of Horizontal Illumination

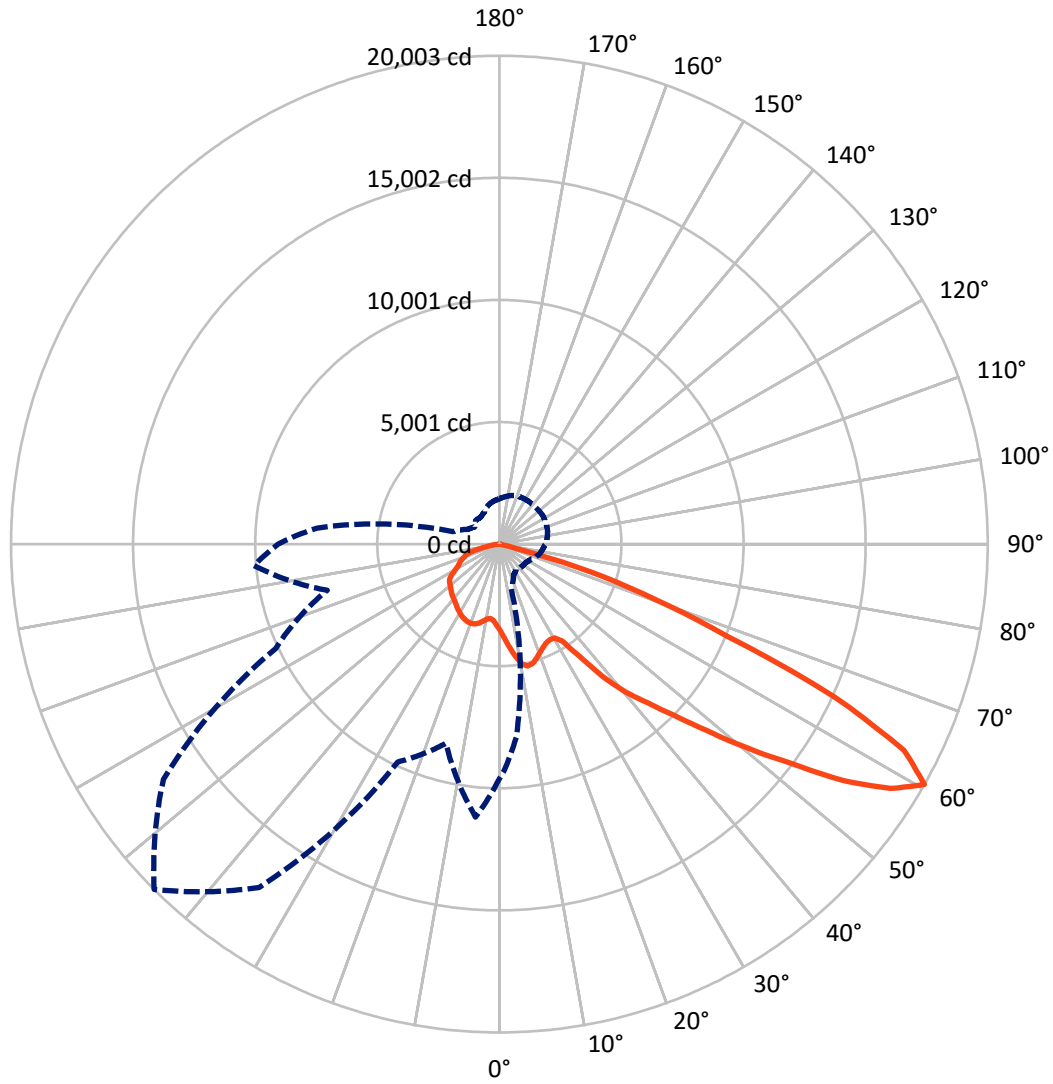
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.8 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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

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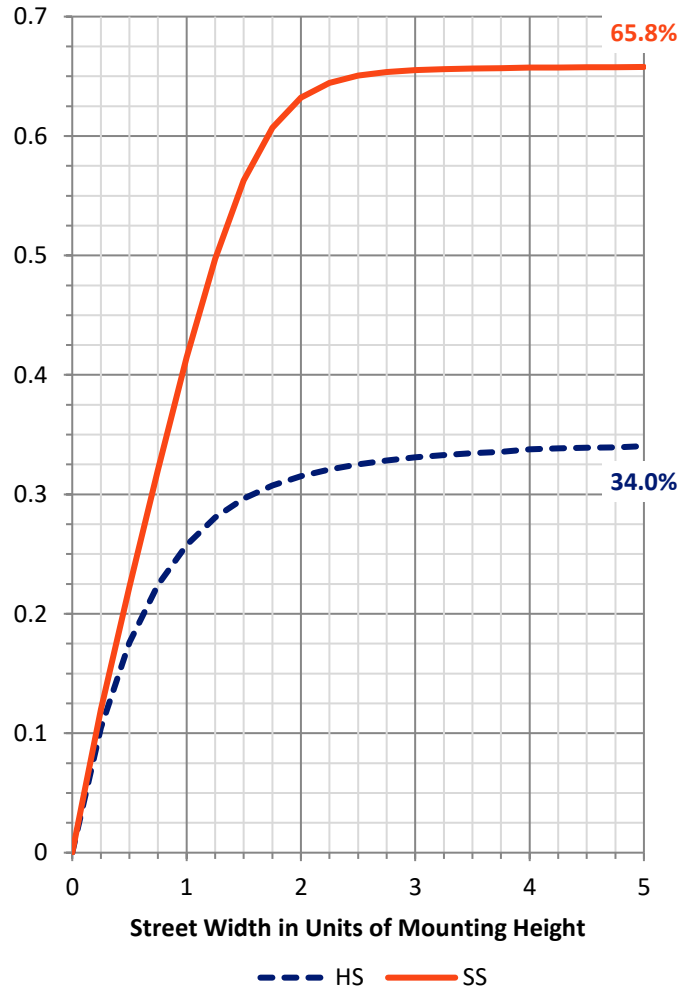
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5990.0	0.0	5990.0
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	11520.0	0.0	11520.0
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	17510.0	0.0	17510.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	345.0	2.0
10°-20°	1106.7	6.3
20°-30°	1802.4	10.3
30°-40°	2531.9	14.5
40°-50°	3464.7	19.8
50°-60°	4445.0	25.4
60°-70°	2993.1	17.1
70°-80°	748.3	4.3
80°-90°	73.0	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°	17510.0	100.0
0°-180°	17510.0	100.0

**Coefficient of Utilization**



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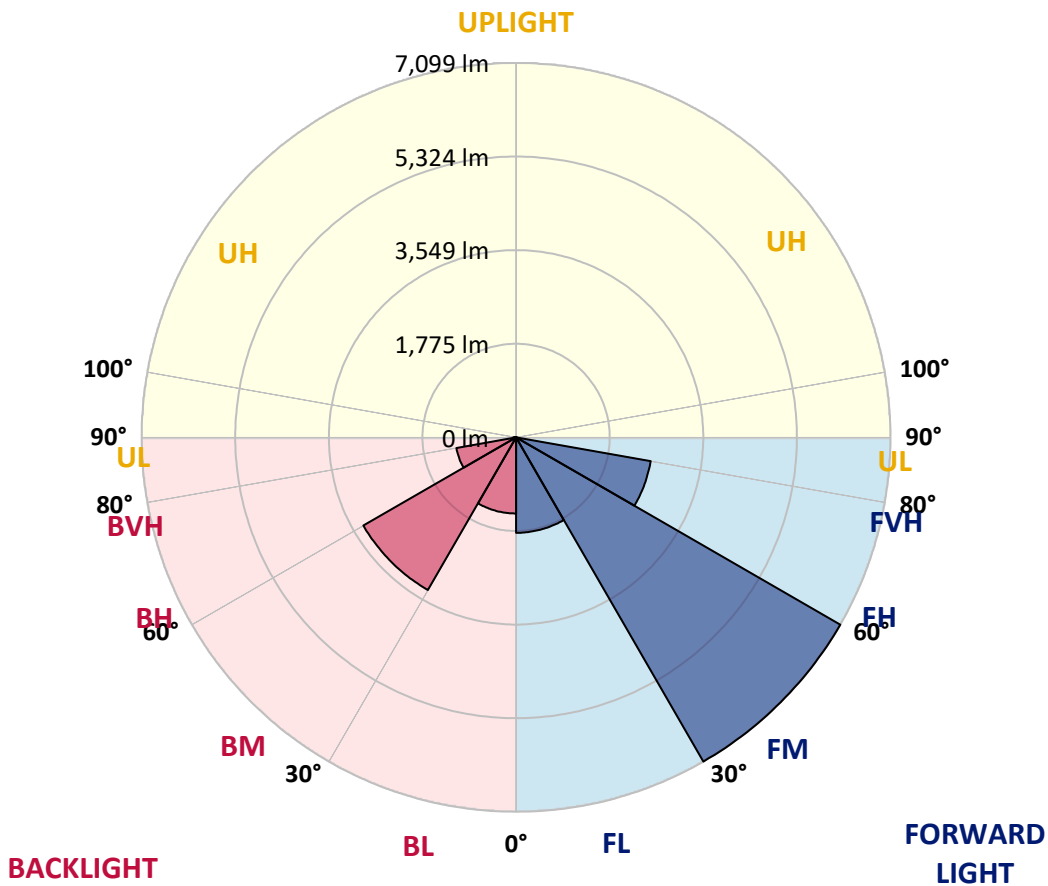
CATALOG NUMBER: GWS-SA3E-750-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1810.1	10.3			
FM (30°-60°)	7098.7	40.5			
FH (60°-80°)	2592.2	14.8			G2/5000
FVH (80°-90°)	19.0	0.1			G1/100
BL (0°-30°)	1444.0	8.2	B3/2500		
BM (30°-60°)	3342.9	19.1	B3/5000		
BH (60°-80°)	1149.2	6.6	B3/2500		G3/2500
BVH (80°-90°)	54.0	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6
2.5°	3736.4	3728.3	3720.3	3657.4	3641.2	3596.1	3563.8	3523.5	3465.5	3433.2	3405.8
5°	3970.2	3957.3	3913.8	3784.8	3700.9	3609.0	3533.2	3449.3	3360.6	3302.6	3257.4
7.5°	4191.1	4187.9	4113.7	3900.9	3765.4	3633.2	3530.0	3407.4	3280.0	3192.9	3134.9
10°	4395.9	4371.7	4283.0	4005.7	3828.3	3676.7	3565.4	3430.0	3281.6	3163.9	3086.5
12.5°	4576.5	4545.9	4423.3	4102.4	3883.1	3696.1	3575.1	3463.9	3365.5	3267.1	3178.4
15°	4724.9	4687.8	4563.6	4192.7	3931.5	3684.8	3515.5	3428.4	3462.2	3505.8	3407.4
17.5°	4863.6	4824.9	4673.3	4258.9	3946.0	3615.4	3368.7	3331.6	3502.6	3700.9	3655.8
20°	4979.7	4936.2	4760.4	4291.1	3920.2	3483.2	3178.4	3242.9	3468.7	3705.7	3778.3
22.5°	5105.5	5070.0	4858.7	4337.9	3888.0	3301.0	3018.8	3176.8	3410.6	3618.7	3728.3
25°	5307.0	5263.5	5011.9	4420.1	3871.8	3130.0	2904.3	3112.3	3330.0	3518.7	3604.1
27.5°	5598.9	5518.3	5221.6	4563.6	3889.6	2968.8	2831.7	3033.3	3236.5	3397.7	3467.1
30°	5916.6	5819.9	5453.8	4712.0	3915.4	2870.4	2793.0	2943.0	3093.0	3254.2	3330.0
32.5°	6292.3	6206.9	5702.1	4823.3	3860.6	2825.3	2764.0	2844.6	2963.9	3093.0	3155.8
35°	6740.6	6587.4	5973.0	4913.6	3683.2	2759.1	2738.2	2736.6	2799.5	2925.2	2996.2
37.5°	7222.8	7058.3	6306.9	5010.3	3407.4	2654.3	2676.9	2609.2	2667.2	2767.2	2847.8
40°	7617.9	7445.3	6643.9	5142.6	3062.3	2489.8	2541.4	2468.9	2504.4	2607.6	2697.9
42.5°	8004.9	7821.1	6958.3	5292.5	2728.5	2328.6	2354.4	2327.0	2338.3	2446.3	2572.1
45°	8512.9	8306.5	7345.4	5399.0	2428.6	2201.2	2177.0	2130.2	2189.9	2330.2	2464.0
47.5°	9361.1	9114.4	7979.1	5468.3	2210.9	2128.6	2017.4	1989.9	2064.1	2220.5	2359.2
50°	10352.9	10140.0	8991.8	5465.1	2048.0	2067.3	1862.5	1838.4	1960.9	2118.9	2265.7
52.5°	11165.6	10949.5	9857.8	5303.8	1914.1	1936.7	1772.2	1704.5	1872.2	2019.0	2165.7
55°	11821.9	11578.4	10256.1	4629.8	1744.8	1728.7	1673.9	1549.7	1761.0	1919.0	2056.1
57.5°	11468.8	11178.5	9773.9	3520.3	1570.7	1469.1	1504.6	1412.6	1609.4	1807.7	1940.0
60°	9615.9	9354.7	7940.4	1873.8	1382.0	1227.2	1301.4	1315.9	1443.3	1673.9	1809.3
62.5°	6605.2	6414.9	5381.2	1136.9	1090.1	985.3	1101.4	1206.2	1301.4	1496.5	1614.2
65°	3231.6	3175.2	2691.4	728.9	762.8	796.6	912.7	1040.1	1180.4	1351.4	1475.5
67.5°	890.2	896.6	816.0	569.2	601.5	695.0	786.9	888.5	1028.8	1186.9	1312.7
70°	391.9	398.3	411.2	438.6	499.9	585.4	680.5	785.3	914.3	1046.6	1167.5
72.5°	272.5	279.0	298.3	333.8	388.6	469.3	559.6	659.6	793.4	904.7	1004.6
75°	167.7	172.5	190.3	220.9	258.0	319.3	408.0	499.9	617.6	719.2	807.9
77.5°	88.7	85.5	96.8	117.7	150.0	182.2	241.9	299.9	383.8	466.0	540.2
80°	48.4	46.8	53.2	64.5	74.2	100.0	140.3	179.0	227.4	274.1	314.5
82.5°	21.0	19.4	21.0	27.4	33.9	48.4	71.0	98.4	125.8	158.0	183.8
85°	0.0	0.0	0.0	1.6	8.1	12.9	24.2	35.5	51.6	71.0	87.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	14.5
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6
2.5°	3389.7	3349.4	3346.1	3313.9	3317.1	3318.7	3286.5	3273.6	3284.9	3297.8	3291.3
5°	3241.3	3199.4	3181.6	3151.0	3147.8	3133.3	3120.4	3104.2	3115.5	3126.8	3133.3
7.5°	3112.3	3084.9	3073.6	3065.5	3068.8	3062.3	3036.5	3022.0	3020.4	3025.2	3031.7
10°	3070.4	3047.8	3062.3	3084.9	3101.0	3112.3	3084.9	3060.7	3038.1	3028.5	3028.5
12.5°	3160.7	3131.7	3160.7	3184.9	3217.1	3225.2	3194.5	3168.7	3160.7	3170.4	3189.7
15°	3360.6	3292.9	3291.3	3305.8	3331.6	3344.5	3315.5	3302.6	3302.6	3363.9	3412.2
17.5°	3560.6	3449.3	3402.6	3394.5	3410.6	3415.5	3391.3	3380.0	3409.0	3528.4	3618.7
20°	3700.9	3565.4	3463.9	3444.5	3449.3	3451.0	3431.6	3423.5	3465.5	3610.6	3686.4
22.5°	3686.4	3586.4	3462.2	3438.1	3446.1	3442.9	3425.1	3421.9	3455.8	3581.6	3617.0
25°	3586.4	3509.0	3404.2	3388.1	3401.0	3399.3	3381.6	3373.5	3388.1	3471.9	3475.1
27.5°	3471.9	3404.2	3313.9	3309.0	3330.0	3341.3	3310.7	3286.5	3281.6	3338.1	3325.2
30°	3334.8	3284.9	3212.3	3215.5	3254.2	3260.7	3223.6	3188.1	3178.4	3209.1	3191.3
32.5°	3172.0	3155.8	3117.1	3125.2	3162.3	3175.2	3136.5	3099.4	3088.1	3097.8	3060.7
35°	3033.3	3026.8	3030.1	3044.6	3076.8	3086.5	3054.3	3025.2	3009.1	2975.2	2926.9
37.5°	2889.8	2907.5	2954.3	2981.7	2999.4	2996.2	2978.5	2957.5	2931.7	2868.8	2809.1
40°	2755.9	2801.1	2884.9	2915.6	2922.0	2923.6	2910.7	2893.0	2860.7	2776.9	2709.2
42.5°	2652.7	2702.7	2814.0	2860.7	2864.0	2867.2	2854.3	2839.8	2794.6	2683.4	2617.2
45°	2544.7	2610.8	2741.4	2797.9	2794.6	2793.0	2781.7	2775.3	2722.1	2593.1	2520.5
47.5°	2452.8	2530.2	2670.5	2718.8	2717.2	2715.6	2707.5	2707.5	2654.3	2514.0	2431.8
50°	2362.5	2451.1	2597.9	2638.2	2641.4	2638.2	2635.0	2639.8	2576.9	2427.0	2346.3
52.5°	2264.1	2364.1	2517.3	2554.3	2573.7	2581.8	2581.8	2570.5	2496.3	2339.9	2251.2
55°	2156.0	2251.2	2428.6	2478.6	2494.7	2509.2	2509.2	2486.6	2417.3	2259.2	2164.1
57.5°	2022.2	2106.0	2246.3	2296.3	2335.0	2344.7	2344.7	2307.6	2251.2	2099.6	2022.2
60°	1877.1	1949.6	2044.8	2098.0	2127.0	2107.7	2122.2	2112.5	2067.3	1927.0	1862.5
62.5°	1683.5	1757.7	1862.5	1917.4	1930.3	1910.9	1930.3	1928.7	1867.4	1741.6	1664.2
65°	1544.9	1617.4	1720.6	1791.6	1812.6	1807.7	1820.6	1801.3	1725.5	1606.1	1532.0
67.5°	1380.4	1457.8	1577.1	1656.1	1699.7	1704.5	1722.3	1681.9	1604.5	1473.9	1380.4
70°	1224.0	1290.1	1382.0	1456.2	1517.5	1548.1	1551.3	1493.3	1396.5	1288.5	1220.7
72.5°	1059.5	1127.2	1238.5	1319.1	1396.5	1432.0	1432.0	1361.0	1256.2	1136.9	1064.3
75°	859.5	922.4	1024.0	1111.1	1199.8	1244.9	1243.3	1182.0	1065.9	953.0	877.3
77.5°	582.1	628.9	693.4	759.5	772.4	807.9	825.6	748.2	683.7	622.5	554.7
80°	338.6	367.7	403.1	440.2	448.3	459.6	430.6	401.5	367.7	327.4	296.7
82.5°	198.3	217.7	235.4	264.5	269.3	272.5	246.7	233.8	206.4	182.2	162.9
85°	96.8	103.2	119.3	133.8	127.4	124.2	112.9	100.0	88.7	79.0	69.3
87.5°	19.4	19.4	29.0	27.4	22.6	19.4	11.3	14.5	3.2	3.2	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°	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6
2.5°	3312.3	3339.7	3373.5	3418.7	3470.3	3525.1	3578.3	3618.7	3659.0	3718.6	3709.0
5°	3142.9	3189.7	3242.9	3312.3	3396.1	3491.3	3597.7	3704.1	3818.6	3915.4	3957.3
7.5°	3044.6	3096.2	3159.1	3249.4	3357.4	3473.5	3623.5	3796.0	3981.5	4108.9	4187.9
10°	3044.6	3110.7	3192.9	3280.0	3375.2	3494.5	3679.9	3896.0	4134.7	4302.4	4394.3
12.5°	3220.4	3286.5	3304.2	3301.0	3354.2	3486.4	3725.1	4000.8	4286.3	4463.7	4576.5
15°	3494.5	3517.1	3383.2	3260.7	3268.7	3428.4	3746.1	4084.7	4416.9	4629.8	4752.3
17.5°	3678.3	3618.7	3380.0	3165.5	3120.4	3330.0	3746.1	4165.3	4555.6	4795.9	4910.3
20°	3692.8	3544.5	3297.8	3073.6	2957.5	3199.4	3720.3	4226.6	4689.4	4955.5	5078.1
22.5°	3565.4	3418.7	3210.7	2994.6	2823.7	3041.4	3678.3	4273.4	4803.9	5105.5	5257.1
25°	3420.3	3297.8	3122.0	2914.0	2731.7	2881.7	3639.6	4352.4	4963.6	5308.7	5461.9
27.5°	3278.4	3175.2	3015.6	2846.2	2680.1	2743.0	3615.4	4468.5	5153.9	5597.3	5729.5
30°	3139.7	3046.2	2901.1	2781.7	2652.7	2652.7	3594.5	4602.3	5405.4	5921.4	6053.7
32.5°	2999.4	2910.7	2793.0	2718.8	2636.6	2617.2	3536.4	4728.1	5665.0	6276.2	6411.7
35°	2868.8	2780.1	2689.8	2659.2	2628.5	2589.8	3392.9	4826.5	5918.2	6690.7	6806.8
37.5°	2746.2	2660.8	2593.1	2585.0	2588.2	2515.6	3167.1	4908.7	6234.3	7114.8	7176.0
40°	2639.8	2544.7	2491.5	2489.8	2506.0	2396.3	2881.7	5026.5	6595.5	7474.4	7448.6
42.5°	2544.7	2444.7	2380.2	2394.7	2385.0	2277.0	2602.7	5134.5	6910.0	7811.4	7759.8
45°	2451.1	2354.4	2264.1	2285.0	2273.8	2202.8	2365.7	5213.5	7258.3	8216.2	8222.6
47.5°	2360.8	2265.7	2175.4	2149.6	2148.0	2180.2	2183.5	5239.3	7825.9	8867.7	8720.9
50°	2277.0	2181.8	2088.3	2001.2	2035.1	2135.1	2048.0	5220.0	8675.8	9586.9	9177.3
52.5°	2189.9	2099.6	1996.4	1840.0	1928.7	2027.0	1927.0	5150.6	9195.0	10222.2	9977.1
55°	2089.9	2004.5	1864.2	1673.9	1781.9	1802.9	1802.9	4479.8	9415.9	10851.1	11002.7
57.5°	1956.1	1843.2	1620.7	1467.5	1564.2	1483.6	1670.6	3134.9	9051.5	10652.8	11241.4
60°	1804.5	1683.5	1448.1	1338.5	1367.5	1225.6	1423.9	1965.8	7501.8	9064.4	10083.6
62.5°	1604.5	1493.3	1298.1	1212.7	1153.0	999.8	1146.6	1243.3	5142.6	6731.0	7426.0
65°	1470.7	1348.1	1174.0	1061.1	938.5	804.7	761.1	816.0	2765.6	3767.0	4236.3
67.5°	1312.7	1191.7	1027.2	885.3	786.9	690.2	614.4	595.0	948.2	1254.6	1357.8
70°	1162.7	1046.6	909.5	777.3	678.9	583.8	509.6	456.4	438.6	435.4	429.0
72.5°	1009.5	901.4	786.9	664.4	556.3	469.3	403.1	341.9	316.1	308.0	299.9
75°	827.3	741.8	627.3	495.1	408.0	327.4	275.8	235.4	212.9	204.8	195.1
77.5°	532.2	493.5	393.5	319.3	246.7	195.1	167.7	141.9	127.4	124.2	116.1
80°	283.8	264.5	217.7	183.8	146.7	119.3	104.8	90.3	82.2	79.0	75.8
82.5°	158.0	143.5	120.9	106.4	85.5	72.6	64.5	58.1	53.2	51.6	50.0
85°	71.0	61.3	48.4	45.2	40.3	37.1	35.5	32.3	30.6	29.0	27.4
87.5°	3.2	6.5	8.1	6.5	6.5	9.7	11.3	11.3	9.7	9.7	8.1
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: P635840

CATALOG NUMBER: GWS-SA3E-750-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6	3531.6
2.5°	3768.6	3817.0	3821.8	3838.0	3817.0	3812.2	3778.3	3759.0	3741.2	3736.4
5°	4062.1	4158.9	4197.6	4225.0	4199.2	4186.3	4112.1	4034.7	3991.2	3970.2
7.5°	4363.7	4508.8	4584.6	4618.5	4621.7	4563.6	4436.2	4291.1	4218.5	4191.1
10°	4633.0	4812.0	4912.0	4976.5	4953.9	4882.9	4708.8	4512.0	4420.1	4395.9
12.5°	4832.9	5003.9	5081.3	5123.2	5121.6	5082.9	4918.4	4705.5	4600.7	4576.5
15°	4962.0	5063.5	5068.4	5078.1	5105.5	5157.1	5071.6	4874.9	4758.8	4724.9
17.5°	5063.5	5023.2	4947.4	4921.6	4982.9	5126.4	5178.0	5018.4	4892.6	4863.6
20°	5128.0	4924.9	4791.0	4741.0	4812.0	5045.8	5242.5	5147.4	5016.8	4979.7
22.5°	5178.0	4832.9	4616.9	4583.0	4657.2	4958.7	5308.7	5300.6	5157.1	5105.5
25°	5257.1	4771.7	4494.3	4470.1	4539.5	4916.8	5397.4	5508.6	5381.2	5307.0
27.5°	5381.2	4765.2	4431.4	4423.3	4518.5	4953.9	5524.7	5813.4	5653.8	5598.9
30°	5553.8	4826.5	4445.9	4462.0	4578.2	5087.7	5723.1	6161.7	6002.1	5916.6
32.5°	5802.1	4991.0	4666.8	4736.2	4821.7	5302.2	6013.4	6539.1	6418.1	6292.3
35°	6129.5	5442.5	5319.9	5615.1	5534.4	5771.5	6363.3	6997.0	6850.3	6740.6
37.5°	6566.5	6368.1	6481.0	6887.4	6692.3	6658.4	6790.6	7413.1	7332.5	7222.8
40°	7179.3	7219.6	7427.6	7961.4	7679.2	7461.5	7314.7	7725.9	7753.4	7617.9
42.5°	7585.6	7771.1	8272.6	8878.9	8490.3	7969.4	7753.4	8125.9	8127.5	8004.9
45°	7737.2	8222.6	9270.8	9969.1	9319.2	8259.7	7995.2	8669.3	8653.2	8512.9
47.5°	7682.4	8603.2	10307.7	11375.2	10383.5	8466.1	7961.4	9443.4	9574.0	9361.1
50°	7567.9	8985.4	11518.8	13097.5	11689.7	8685.4	7909.8	10301.3	10517.3	10352.9
52.5°	7684.0	9411.1	12950.7	14877.8	13328.1	9035.4	8258.1	11402.7	11363.9	11165.6
55°	8051.7	9914.2	14690.7	17114.5	15127.7	9627.2	9153.1	12452.5	12059.0	11821.9
57.5°	8033.9	10273.8	16216.2	18883.5	16693.6	10112.6	9464.3	12563.7	11768.7	11468.8
60°	7292.2	10109.4	16796.8	20002.6	17166.1	9844.9	8440.3	11222.0	9930.4	9615.9
62.5°	5442.5	8970.9	15671.2	18601.3	15829.2	8503.2	6347.2	8054.9	7135.7	6605.2
65°	3481.6	7018.0	13174.9	15069.7	13047.5	6503.6	3779.9	4318.5	3383.2	3231.6
67.5°	1482.0	4953.9	10241.6	10072.3	9761.0	4213.7	1459.4	1215.9	906.3	890.2
70°	490.2	3370.3	6313.3	6718.1	5829.5	2902.7	482.2	408.0	406.4	391.9
72.5°	320.9	1809.3	3554.2	3957.3	3750.9	1670.6	291.9	272.5	279.0	272.5
75°	191.9	393.5	598.3	777.3	598.3	280.6	175.8	172.5	175.8	167.7
77.5°	112.9	109.7	106.4	106.4	104.8	96.8	88.7	85.5	87.1	88.7
80°	72.6	69.3	66.1	64.5	56.4	53.2	50.0	46.8	46.8	48.4
82.5°	46.8	43.5	40.3	35.5	29.0	24.2	22.6	19.4	19.4	21.0
85°	24.2	19.4	14.5	11.3	6.5	3.2	0.0	0.0	0.0	0.0
87.5°	4.8	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)