

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: P643265

Luminaire Tested: GWS-SA6E-750-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P643265  
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-SAGE-750-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) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

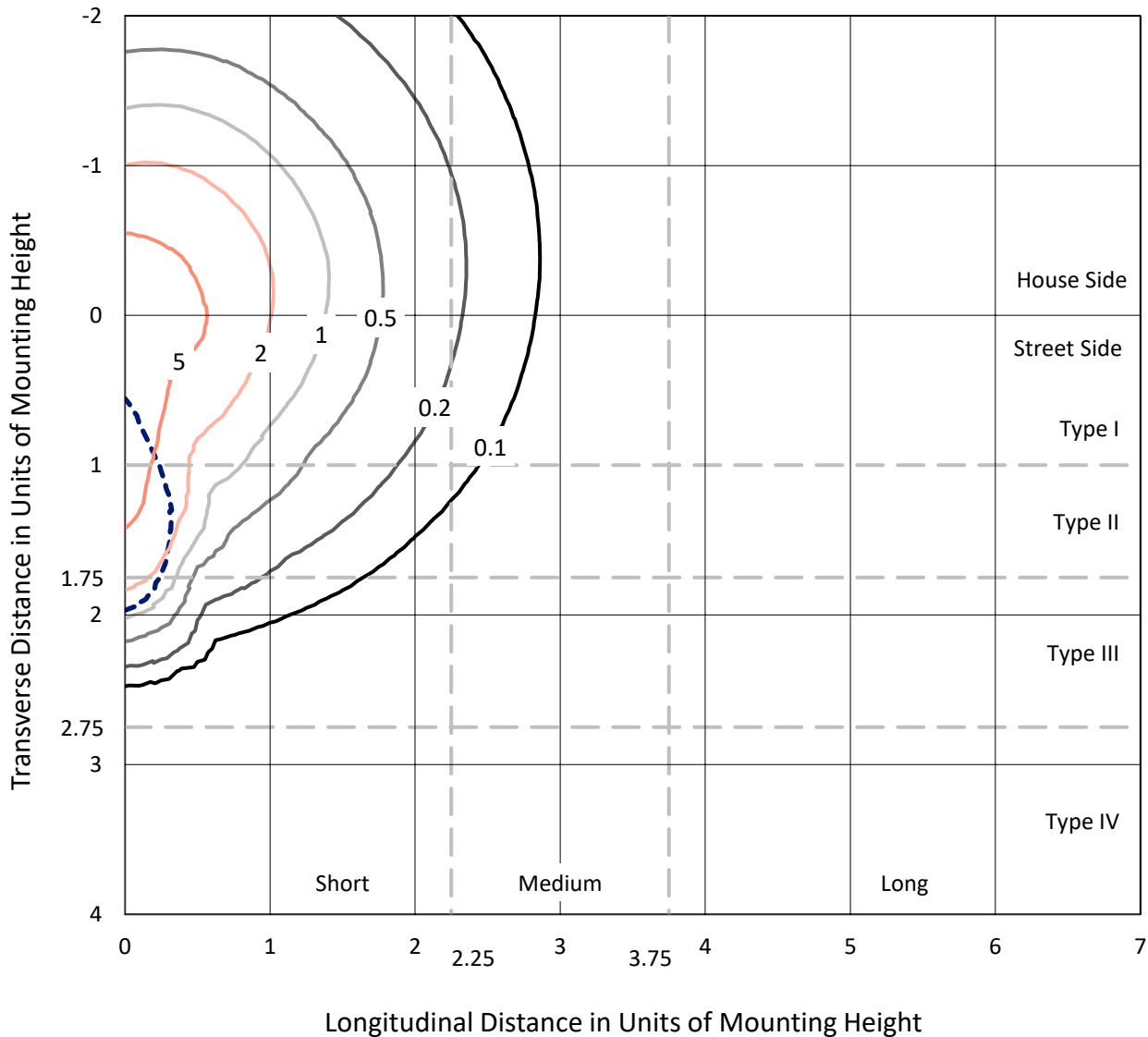
Lumens per Lamp: N/A  
Luminaire Lumens: 35642.2 lumens  
Efficiency: N/A  
Efficacy: 110.1 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G3  
  
Input Watts (W): 323.8  
Input Voltage (V): 120  
Input Current (Ain): 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

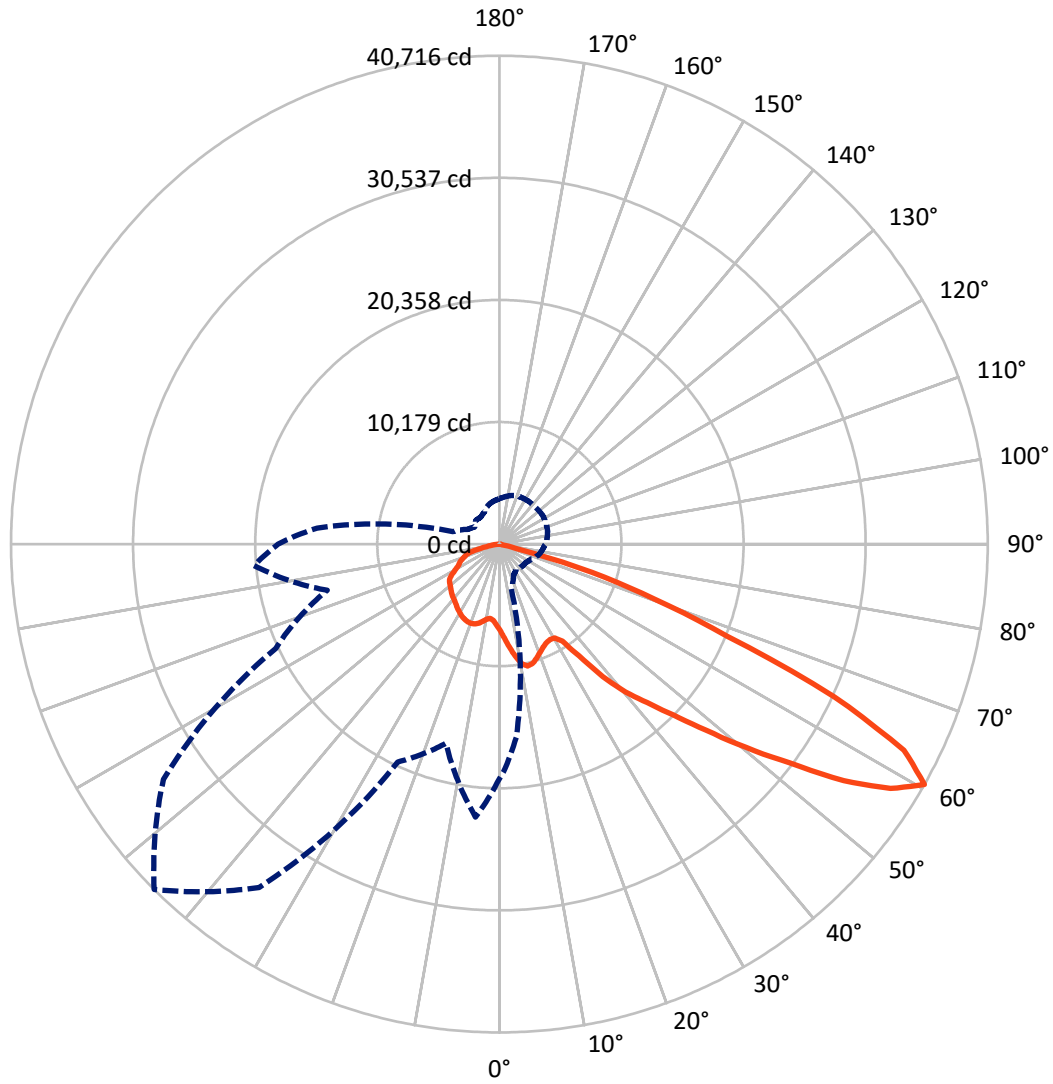
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 9.6 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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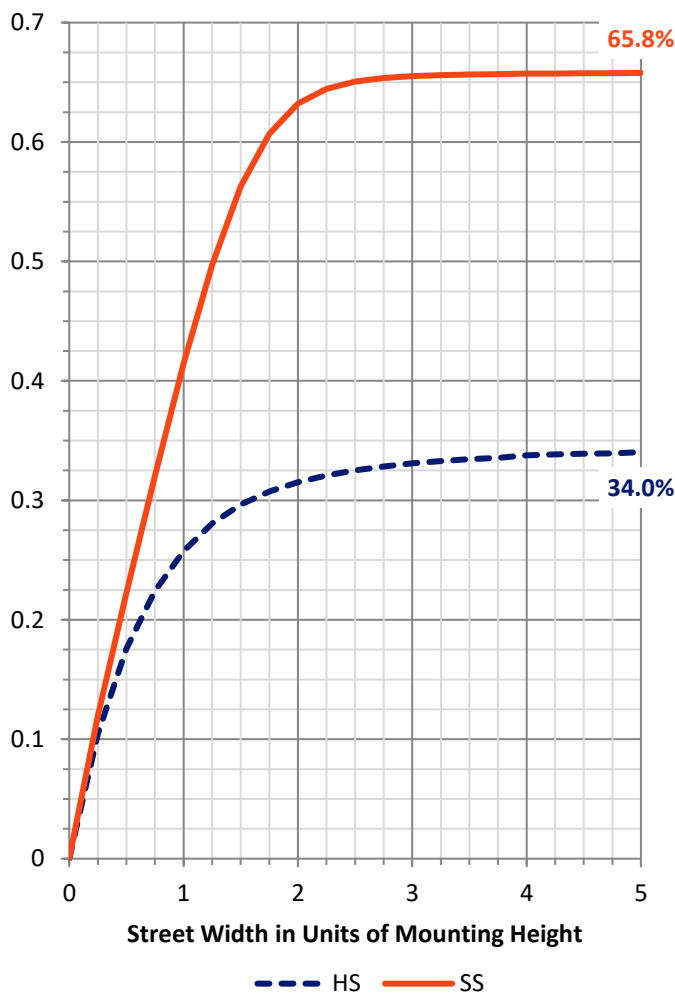
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	12192.9	0.0	12192.9
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	23449.3	0.0	23449.3
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	35642.2	0.0	35642.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	702.4	2.0
10°-20°	2252.7	6.3
20°-30°	3668.8	10.3
30°-40°	5153.8	14.5
40°-50°	7052.5	19.8
50°-60°	9047.9	25.4
60°-70°	6092.5	17.1
70°-80°	1523.1	4.3
80°-90°	148.5	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°	35642.2	100.0
0°-180°	35642.2	100.0

**Coefficient of Utilization**



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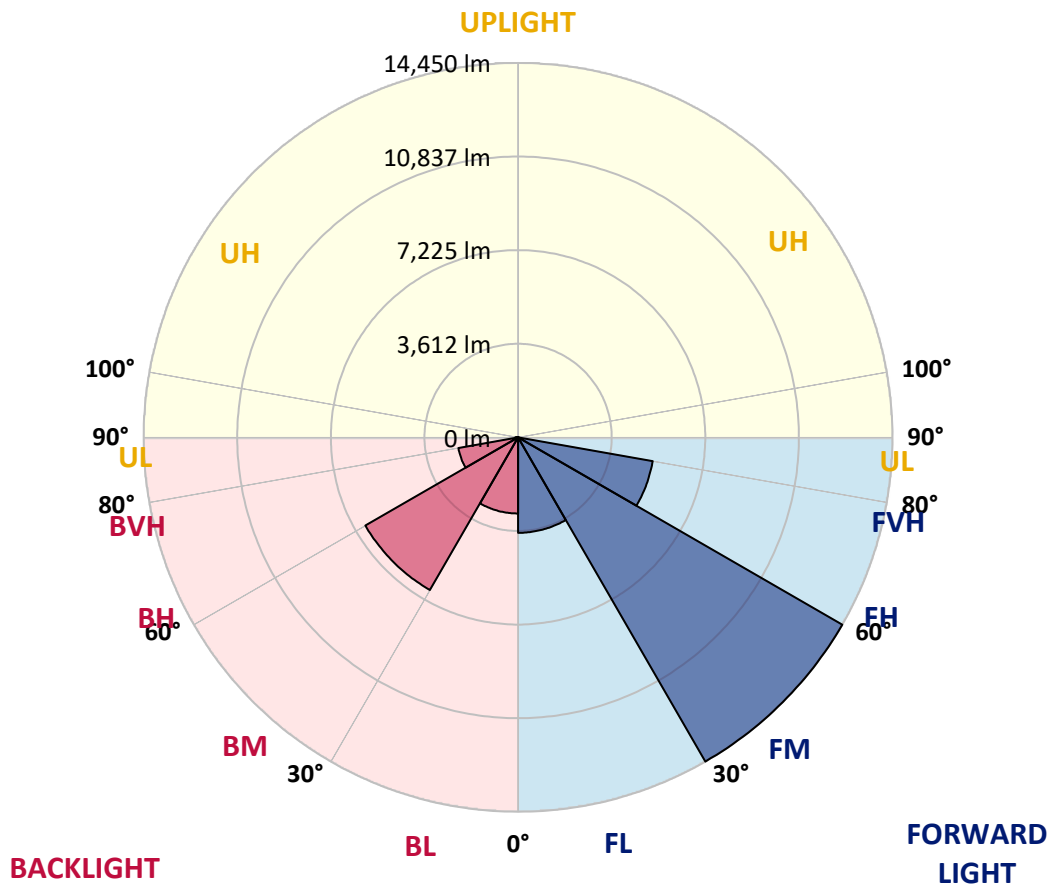
CATALOG NUMBER: GWS-SA6E-750-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3684.6	10.3			
FM (30°-60°)	14449.6	40.5			
FH (60°-80°)	5276.5	14.8			G3/7500
FVH (80°-90°)	38.6	0.1			G1/100
BL (0°-30°)	2939.2	8.2	B4/5000		
BM (30°-60°)	6804.6	19.1	B4/8500		
BH (60°-80°)	2339.1	6.6	B3/2500		G3/2500
BVH (80°-90°)	109.9	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7
2.5°	7605.5	7589.1	7572.7	7444.7	7411.9	7320.0	7254.3	7172.2	7054.1	6988.4	6932.6
5°	8081.5	8055.2	7966.6	7704.0	7533.3	7346.2	7191.9	7021.2	6840.7	6722.5	6630.6
7.5°	8531.2	8524.6	8373.6	7940.3	7664.6	7395.4	7185.4	6935.9	6676.6	6499.3	6381.2
10°	8948.1	8898.8	8718.3	8153.7	7792.6	7484.1	7257.6	6981.9	6679.9	6440.2	6282.7
12.5°	9315.7	9253.3	9003.9	8350.7	7904.2	7523.5	7277.3	7050.8	6850.6	6650.3	6469.8
15°	9617.7	9542.2	9289.4	8534.5	8002.7	7500.5	7155.8	6978.6	7047.5	7136.1	6935.9
17.5°	9900.0	9821.2	9512.7	8669.1	8032.3	7359.3	6857.1	6781.6	7129.6	7533.3	7441.4
20°	10136.3	10047.7	9689.9	8734.7	7979.7	7090.2	6469.8	6601.1	7060.6	7543.2	7690.9
22.5°	10392.4	10320.1	9890.1	8829.9	7914.1	6719.3	6144.8	6466.5	6942.5	7365.9	7589.1
25°	10802.7	10714.0	10202.0	8997.3	7881.3	6371.3	5911.8	6335.2	6778.3	7162.4	7336.4
27.5°	11396.8	11232.7	10628.7	9289.4	7917.4	6043.1	5764.1	6174.4	6588.0	6916.2	7057.4
30°	12043.5	11846.5	11101.4	9591.4	7969.9	5842.8	5685.3	5990.5	6295.8	6624.1	6778.3
32.5°	12808.3	12634.3	11606.9	9817.9	7858.3	5750.9	5626.2	5790.3	6033.2	6295.8	6423.8
35°	13720.8	13409.0	12158.3	10001.7	7497.2	5616.3	5573.7	5570.4	5698.4	5954.4	6098.9
37.5°	14702.3	14367.5	12837.8	10198.7	6935.9	5403.0	5448.9	5311.1	5429.2	5632.8	5796.9
40°	15506.5	15155.3	13523.9	10467.9	6233.4	5068.2	5173.2	5025.5	5097.7	5307.8	5491.6
42.5°	16294.3	15920.1	14163.9	10773.1	5554.0	4739.9	4792.4	4736.6	4759.6	4979.5	5235.6
45°	17328.3	16908.1	14951.7	10989.8	4943.4	4480.6	4431.4	4336.2	4457.6	4743.2	5015.6
47.5°	19054.9	18552.6	16241.8	11130.9	4500.3	4332.9	4106.4	4050.6	4201.6	4520.0	4802.3
50°	21073.6	20640.3	18303.2	11124.4	4168.8	4208.2	3791.3	3742.0	3991.5	4313.2	4611.9
52.5°	22728.0	22288.1	20065.9	10796.1	3896.3	3942.3	3607.5	3469.6	3811.0	4109.7	4408.4
55°	24063.9	23568.3	20876.6	9424.0	3551.7	3518.8	3407.2	3154.5	3584.5	3906.2	4185.2
57.5°	23345.1	22754.2	19895.2	7165.7	3197.1	2990.3	3062.6	2875.5	3275.9	3679.7	3948.8
60°	19573.5	19041.7	16163.0	3814.3	2813.1	2498.0	2649.0	2678.5	2937.8	3407.2	3683.0
62.5°	13445.1	13057.7	10953.7	2314.2	2219.0	2005.6	2241.9	2455.3	2649.0	3046.2	3285.8
65°	6578.1	6463.2	5478.5	1483.7	1552.6	1621.6	1857.9	2117.2	2402.8	2750.7	3003.5
67.5°	1811.9	1825.1	1660.9	1158.7	1224.4	1414.8	1601.9	1808.7	2094.2	2415.9	2671.9
70°	797.6	810.8	837.0	892.8	1017.6	1191.5	1385.2	1598.6	1861.2	2130.3	2376.5
72.5°	554.7	567.9	607.3	679.5	791.1	955.2	1139.0	1342.5	1615.0	1841.5	2045.0
75°	341.4	351.2	387.3	449.7	525.2	649.9	830.5	1017.6	1257.2	1464.0	1644.5
77.5°	180.5	174.0	196.9	239.6	305.3	370.9	492.4	610.5	781.2	948.6	1099.6
80°	98.5	95.2	108.3	131.3	151.0	203.5	285.6	364.4	462.8	558.0	640.1
82.5°	42.7	39.4	42.7	55.8	68.9	98.5	144.4	200.2	256.0	321.7	374.2
85°	0.0	0.0	0.0	3.3	16.4	26.3	49.2	72.2	105.0	144.4	177.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	29.5
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°	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7
2.5°	6899.8	6817.7	6811.2	6745.5	6752.1	6755.4	6689.7	6663.5	6686.4	6712.7	6699.6
5°	6597.8	6512.5	6476.4	6414.0	6407.4	6377.9	6351.6	6318.8	6341.8	6364.7	6377.9
7.5°	6335.2	6279.4	6256.4	6240.0	6246.6	6233.4	6180.9	6151.4	6148.1	6158.0	6171.1
10°	6249.9	6203.9	6233.4	6279.4	6312.2	6335.2	6279.4	6230.2	6184.2	6164.5	6164.5
12.5°	6433.7	6374.6	6433.7	6482.9	6548.6	6565.0	6502.6	6450.1	6433.7	6453.4	6492.8
15°	6840.7	6702.8	6699.6	6729.1	6781.6	6807.9	6748.8	6722.5	6722.5	6847.3	6945.7
17.5°	7247.7	7021.2	6926.1	6909.6	6942.5	6952.3	6903.1	6880.1	6939.2	7182.1	7365.9
20°	7533.3	7257.6	7050.8	7011.4	7021.2	7024.5	6985.1	6968.7	7054.1	7349.5	7503.8
22.5°	7503.8	7300.3	7047.5	6998.3	7014.7	7008.1	6972.0	6965.4	7034.4	7290.4	7362.6
25°	7300.3	7142.7	6929.3	6896.5	6922.8	6919.5	6883.4	6867.0	6896.5	7067.2	7073.8
27.5°	7067.2	6929.3	6745.5	6735.7	6778.3	6801.3	6739.0	6689.7	6679.9	6794.8	6768.5
30°	6788.2	6686.4	6538.7	6545.3	6624.1	6637.2	6561.7	6489.5	6469.8	6532.2	6496.0
32.5°	6456.7	6423.8	6345.1	6361.5	6437.0	6463.2	6384.4	6308.9	6286.0	6305.7	6230.2
35°	6174.4	6161.2	6167.8	6197.3	6263.0	6282.7	6217.0	6158.0	6125.1	6056.2	5957.7
37.5°	5882.2	5918.3	6013.5	6069.3	6105.4	6098.9	6062.8	6020.1	5967.6	5839.5	5718.1
40°	5609.8	5701.7	5872.4	5934.7	5947.9	5951.2	5924.9	5888.8	5823.1	5652.4	5514.6
42.5°	5399.7	5501.5	5727.9	5823.1	5829.7	5836.3	5810.0	5780.5	5688.6	5462.1	5327.5
45°	5179.8	5314.4	5580.2	5695.1	5688.6	5685.3	5662.3	5649.2	5540.8	5278.2	5130.5
47.5°	4992.7	5150.2	5435.8	5534.3	5531.0	5527.7	5511.3	5511.3	5403.0	5117.4	4950.0
50°	4808.8	4989.4	5288.1	5370.2	5376.7	5370.2	5363.6	5373.4	5245.4	4940.1	4776.0
52.5°	4608.6	4812.1	5124.0	5199.5	5238.9	5255.3	5255.3	5232.3	5081.3	4762.9	4582.4
55°	4388.7	4582.4	4943.4	5045.2	5078.0	5107.6	5107.6	5061.6	4920.5	4598.8	4405.1
57.5°	4116.2	4286.9	4572.5	4674.3	4753.0	4772.7	4772.7	4697.2	4582.4	4273.8	4116.2
60°	3820.8	3968.5	4162.2	4270.5	4329.6	4290.2	4319.8	4300.1	4208.2	3922.6	3791.3
62.5°	3426.9	3577.9	3791.3	3902.9	3929.1	3889.8	3929.1	3925.9	3801.1	3545.1	3387.5
65°	3144.6	3292.3	3502.4	3646.8	3689.5	3679.7	3705.9	3666.5	3512.3	3269.4	3118.4
67.5°	2809.8	2967.4	3210.3	3371.1	3459.7	3469.6	3505.7	3423.6	3266.1	3000.2	2809.8
70°	2491.4	2626.0	2813.1	2964.1	3088.8	3151.2	3157.8	3039.6	2842.6	2622.7	2484.8
72.5°	2156.6	2294.5	2521.0	2685.1	2842.6	2914.9	2914.9	2770.4	2557.1	2314.2	2166.4
75°	1749.6	1877.6	2084.4	2261.6	2442.2	2534.1	2530.8	2406.1	2169.7	1940.0	1785.7
77.5°	1185.0	1280.2	1411.5	1546.1	1572.3	1644.5	1680.6	1523.1	1391.8	1267.0	1129.2
80°	689.3	748.4	820.6	896.1	912.5	935.5	876.4	817.3	748.4	666.3	604.0
82.5°	403.7	443.1	479.2	538.3	548.2	554.7	502.2	476.0	420.2	370.9	331.5
85°	196.9	210.1	242.9	272.4	259.3	252.8	229.8	203.5	180.5	160.8	141.1
87.5°	39.4	39.4	59.1	55.8	46.0	39.4	23.0	29.5	6.6	6.6	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°	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7
2.5°	6742.2	6798.0	6867.0	6958.9	7063.9	7175.5	7283.8	7365.9	7448.0	7569.4	7549.7
5°	6397.6	6492.8	6601.1	6742.2	6912.9	7106.6	7323.2	7539.9	7772.9	7969.9	8055.2
7.5°	6197.3	6302.4	6430.4	6614.2	6834.1	7070.5	7375.8	7727.0	8104.5	8363.8	8524.6
10°	6197.3	6331.9	6499.3	6676.6	6870.3	7113.2	7490.6	7930.5	8416.3	8757.7	8944.8
12.5°	6555.1	6689.7	6725.8	6719.3	6827.6	7096.7	7582.6	8143.9	8724.9	9085.9	9315.7
15°	7113.2	7159.1	6886.7	6637.2	6653.6	6978.6	7625.2	8314.5	8990.7	9424.0	9673.5
17.5°	7487.4	7365.9	6880.1	6443.5	6351.6	6778.3	7625.2	8478.7	9273.0	9762.1	9995.2
20°	7516.9	7214.9	6712.7	6256.4	6020.1	6512.5	7572.7	8603.4	9545.5	10087.1	10336.6
22.5°	7257.6	6958.9	6535.4	6095.6	5747.6	6190.8	7487.4	8698.6	9778.5	10392.4	10700.9
25°	6962.2	6712.7	6354.9	5931.5	5560.5	5865.8	7408.6	8859.4	10103.5	10806.0	11117.8
27.5°	6673.3	6463.2	6138.3	5793.6	5455.5	5583.5	7359.3	9095.8	10490.8	11393.5	11662.7
30°	6391.0	6200.6	5905.2	5662.3	5399.7	5399.7	7316.7	9368.2	11002.9	12053.3	12322.5
32.5°	6105.4	5924.9	5685.3	5534.3	5366.9	5327.5	7198.5	9624.3	11531.4	12775.5	13051.2
35°	5839.5	5659.0	5475.2	5412.8	5350.5	5271.7	6906.4	9824.5	12046.7	13619.1	13855.4
37.5°	5590.1	5416.1	5278.2	5261.8	5268.4	5120.7	6446.8	9991.9	12690.1	14482.3	14607.1
40°	5373.4	5179.8	5071.4	5068.2	5101.0	4877.8	5865.8	10231.5	13425.4	15214.3	15161.8
42.5°	5179.8	4976.3	4845.0	4874.5	4854.8	4634.9	5297.9	10451.4	14065.5	15900.4	15795.3
45°	4989.4	4792.4	4608.6	4651.3	4628.3	4483.9	4815.4	10612.3	14774.5	16724.3	16737.4
47.5°	4805.6	4611.9	4428.1	4375.6	4372.3	4437.9	4444.5	10664.8	15929.9	18050.4	17751.7
50°	4634.9	4441.2	4250.8	4073.6	4142.5	4346.0	4168.8	10625.4	17659.8	19514.4	18680.7
52.5°	4457.6	4273.8	4063.7	3745.3	3925.9	4126.1	3922.6	10484.3	18716.8	20807.7	20308.8
55°	4254.1	4080.1	3794.6	3407.2	3627.2	3669.8	3669.8	9118.8	19166.5	22087.9	22396.4
57.5°	3981.7	3751.9	3298.9	2987.1	3184.0	3019.9	3400.7	6381.2	18424.6	21684.1	22882.2
60°	3673.1	3426.9	2947.7	2724.5	2783.6	2494.7	2898.4	4001.4	15270.1	18450.9	20525.4
62.5°	3266.1	3039.6	2642.4	2468.4	2347.0	2035.1	2333.9	2530.8	10467.9	13701.1	15115.9
65°	2993.6	2744.2	2389.7	2159.9	1910.4	1638.0	1549.3	1660.9	5629.5	7667.9	8623.1
67.5°	2671.9	2425.8	2090.9	1802.1	1601.9	1404.9	1250.6	1211.2	1930.1	2553.8	2763.9
70°	2366.7	2130.3	1851.3	1582.2	1381.9	1188.3	1037.3	928.9	892.8	886.3	873.1
72.5°	2054.8	1834.9	1601.9	1352.4	1132.5	955.2	820.6	695.9	643.4	627.0	610.5
75°	1683.9	1509.9	1276.9	1007.7	830.5	666.3	561.3	479.2	433.3	416.9	397.2
77.5°	1083.2	1004.4	800.9	649.9	502.2	397.2	341.4	288.9	259.3	252.8	236.3
80°	577.7	538.3	443.1	374.2	298.7	242.9	213.4	183.8	167.4	160.8	154.3
82.5°	321.7	292.1	246.2	216.6	174.0	147.7	131.3	118.2	108.3	105.0	101.8
85°	144.4	124.7	98.5	91.9	82.1	75.5	72.2	65.6	62.4	59.1	55.8
87.5°	6.6	13.1	16.4	13.1	13.1	19.7	23.0	23.0	19.7	19.7	16.4
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: P643265

CATALOG NUMBER: GWS-SA6E-750-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7	7188.7
2.5°	7671.2	7769.7	7779.5	7812.3	7769.7	7759.8	7690.9	7651.5	7615.4	7605.5
5°	8268.6	8465.5	8544.3	8600.1	8547.6	8521.3	8370.3	8212.8	8124.2	8081.5
7.5°	8882.4	9177.8	9332.1	9401.1	9407.6	9289.4	9030.1	8734.7	8587.0	8531.2
10°	9430.6	9794.9	9998.5	10129.8	10083.8	9939.4	9584.9	9184.4	8997.3	8948.1
12.5°	9837.6	10185.6	10343.1	10428.5	10425.2	10346.4	10011.6	9578.3	9364.9	9315.7
15°	10100.2	10307.0	10316.9	10336.6	10392.4	10497.4	10323.4	9923.0	9686.6	9617.7
17.5°	10307.0	10225.0	10070.7	10018.2	10142.9	10435.0	10540.1	10215.1	9959.1	9900.0
20°	10438.3	10024.7	9752.3	9650.5	9794.9	10270.9	10671.4	10477.7	10211.8	10136.3
22.5°	10540.1	9837.6	9397.8	9328.8	9479.8	10093.7	10806.0	10789.5	10497.4	10392.4
25°	10700.9	9712.9	9148.3	9099.1	9240.2	10008.3	10986.5	11213.0	10953.7	10802.7
27.5°	10953.7	9699.8	9020.3	9003.9	9197.5	10083.8	11245.8	11833.4	11508.4	11396.8
30°	11304.9	9824.5	9049.8	9082.6	9319.0	10356.3	11649.6	12542.4	12217.4	12043.5
32.5°	11810.4	10159.3	9499.5	9640.7	9814.6	10792.8	12240.4	13310.5	13064.3	12808.3
35°	12476.7	11078.4	10828.9	11429.6	11265.5	11748.0	12952.7	14242.7	13944.0	13720.8
37.5°	13366.3	12962.6	13192.3	14019.5	13622.3	13553.4	13822.6	15089.6	14925.5	14702.3
40°	14613.6	14695.7	15119.1	16205.7	15631.2	15188.1	14889.4	15726.4	15782.2	15506.5
42.5°	15440.8	15818.3	16839.2	18073.4	17282.3	16222.1	15782.2	16540.5	16543.7	16294.3
45°	15749.4	16737.4	18871.0	20292.4	18969.5	16812.9	16274.6	17646.7	17613.8	17328.3
47.5°	15637.8	17512.1	20981.7	23154.7	21136.0	17233.1	16205.7	19222.3	19488.1	19054.9
50°	15404.7	18290.0	23446.8	26660.4	23794.8	17679.5	16100.6	20968.5	21408.4	21073.6
52.5°	15641.1	19156.6	26361.7	30284.3	27129.8	18391.8	16809.6	23210.5	23131.7	22728.0
55°	16389.5	20180.7	29903.5	34837.1	30793.0	19596.5	18631.4	25347.4	24546.5	24063.9
57.5°	16353.4	20912.7	33008.7	38438.0	33980.3	20584.5	19264.9	25573.9	23955.6	23345.1
60°	14843.4	20577.9	34190.4	40716.0	34942.1	20039.6	17180.6	22842.8	20213.6	19573.5
62.5°	11078.4	18260.5	31899.2	37863.5	32220.9	17308.6	12919.9	16396.0	14525.0	13445.1
65°	7086.9	14285.4	26817.9	30674.9	26558.6	13238.3	7694.2	8790.5	6886.7	6578.1
67.5°	3016.6	10083.8	20847.1	20502.4	19868.9	8577.1	2970.7	2475.0	1844.8	1811.9
70°	997.9	6860.4	12850.9	13674.9	11866.2	5908.5	981.5	830.5	827.2	797.6
72.5°	653.2	3683.0	7234.6	8055.2	7635.1	3400.7	594.1	554.7	567.9	554.7
75°	390.6	800.9	1217.8	1582.2	1217.8	571.2	357.8	351.2	357.8	341.4
77.5°	229.8	223.2	216.6	216.6	213.4	196.9	180.5	174.0	177.3	180.5
80°	147.7	141.1	134.6	131.3	114.9	108.3	101.8	95.2	95.2	98.5
82.5°	95.2	88.6	82.1	72.2	59.1	49.2	46.0	39.4	39.4	42.7
85°	49.2	39.4	29.5	23.0	13.1	6.6	0.0	0.0	0.0	0.0
87.5°	9.8	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)