

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: P643760

Luminaire Tested: GWS-SA6F-750-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643760
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-SA6F-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: 39627.7 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G4

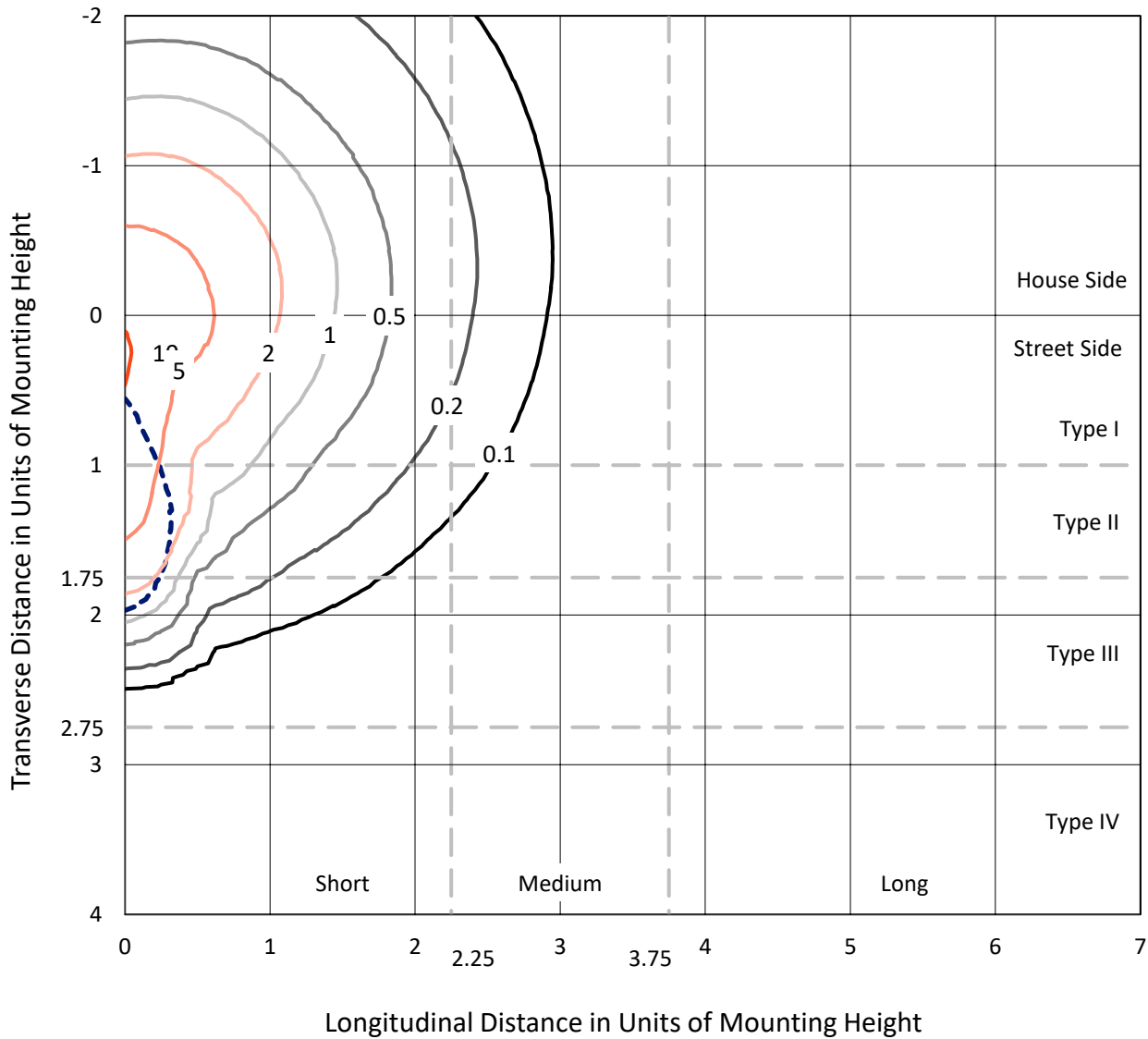
Input Watts (W): 372.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

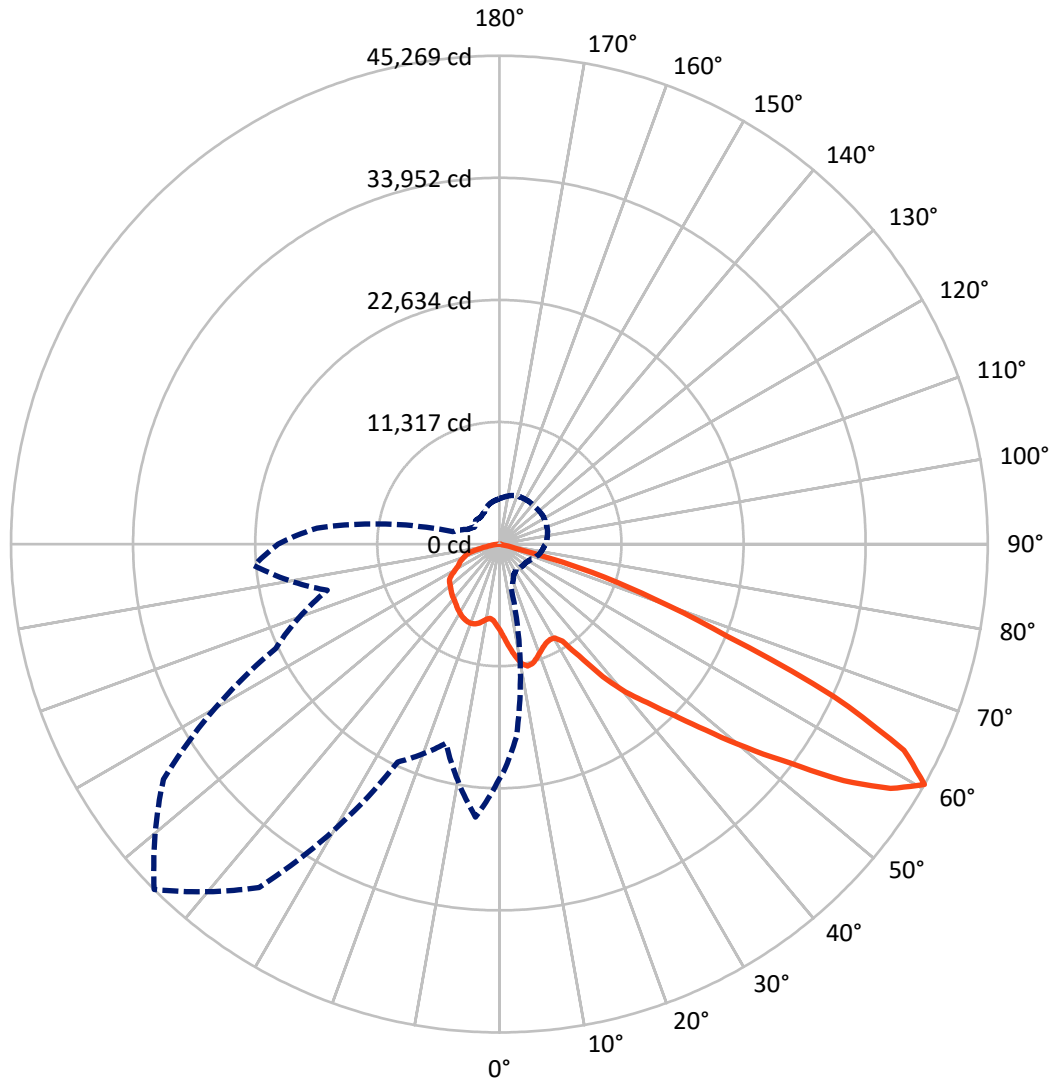
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.7 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
House Side	Lumens	13556.3	0.0	13556.3
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	26071.4	0.0	26071.4
	% Fixture	65.8	0.0	65.8
Total	Lumens	39627.7	0.0	39627.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	780.9	2.0
10°-20°	2504.6	6.3
20°-30°	4079.0	10.3
30°-40°	5730.1	14.5
40°-50°	7841.1	19.8
50°-60°	10059.7	25.4
60°-70°	6773.8	17.1
70°-80°	1693.5	4.3
80°-90°	165.1	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°	39627.7	100.0
0°-180°	39627.7	100.0

Coefficient of Utilization



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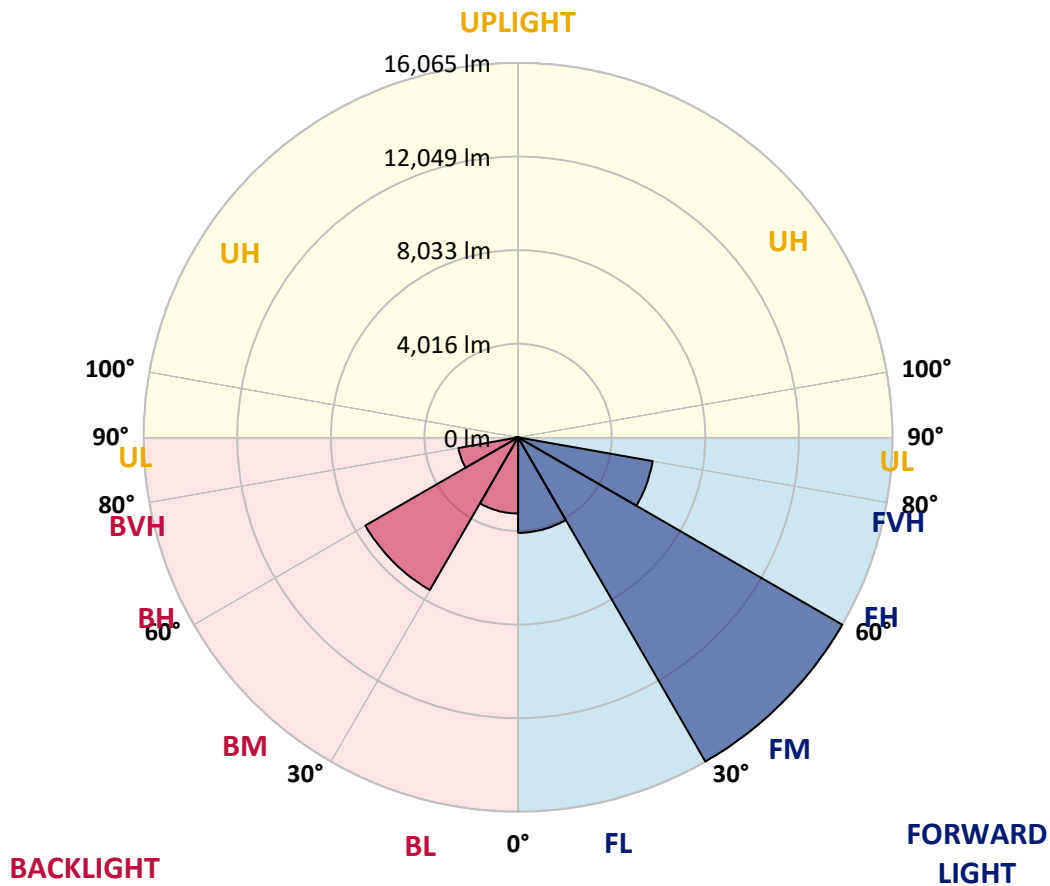
CATALOG NUMBER: GWS-SA6F-750-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4096.6	10.3			
FM (30°-60°)	16065.4	40.5			
FH (60°-80°)	5866.5	14.8			G3/7500
FVH (80°-90°)	42.9	0.1			G1/100
BL (0°-30°)	3267.9	8.2	B4/5000		
BM (30°-60°)	7565.5	19.1	B4/8500		
BH (60°-80°)	2600.7	6.6	B4/5000		G4/5000
BVH (80°-90°)	122.2	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-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5
2.5°	8456.0	8437.7	8419.5	8277.1	8240.7	8138.5	8065.5	7974.2	7842.9	7769.9	7707.8
5°	8985.2	8956.0	8857.4	8565.5	8375.7	8167.7	7996.1	7806.4	7605.6	7474.3	7372.1
7.5°	9485.1	9477.8	9310.0	8828.2	8521.7	8222.4	7988.8	7711.5	7423.2	7226.1	7094.7
10°	9948.6	9893.9	9693.2	9065.4	8664.0	8320.9	8069.1	7762.6	7426.8	7160.4	6985.2
12.5°	10357.4	10288.0	10010.7	9284.4	8788.1	8364.7	8091.0	7839.2	7616.6	7394.0	7193.2
15°	10693.1	10609.2	10328.2	9488.8	8897.6	8339.2	7956.0	7758.9	7835.6	7934.1	7711.5
17.5°	11007.0	10919.4	10576.4	9638.4	8930.4	8182.3	7623.9	7539.9	7926.8	8375.7	8273.5
20°	11269.8	11171.2	10773.4	9711.4	8872.0	7883.0	7193.2	7339.2	7850.2	8386.6	8550.9
22.5°	11554.4	11474.1	10996.1	9817.3	8799.0	7470.6	6831.9	7189.6	7718.8	8189.6	8437.7
25°	12010.6	11912.1	11342.8	10003.4	8762.5	7083.8	6572.8	7043.6	7536.3	7963.3	8156.7
27.5°	12671.2	12488.7	11817.2	10328.2	8802.7	6718.8	6408.6	6864.8	7324.6	7689.6	7846.5
30°	13390.2	13171.2	12342.7	10663.9	8861.1	6496.2	6321.0	6660.4	6999.8	7364.8	7536.3
32.5°	14240.5	14047.1	12904.8	10915.8	8737.0	6394.0	6255.3	6437.8	6707.8	6999.8	7142.1
35°	15255.1	14908.4	13517.9	11120.1	8335.5	6244.4	6196.9	6193.3	6335.6	6620.3	6780.8
37.5°	16346.3	15974.0	14273.3	11339.1	7711.5	6007.1	6058.2	5905.0	6036.3	6262.6	6445.1
40°	17240.4	16849.9	15036.1	11638.4	6930.5	5634.9	5751.7	5587.4	5667.7	5901.3	6105.7
42.5°	18116.3	17700.3	15747.8	11977.8	6175.0	5269.9	5328.3	5266.3	5291.8	5536.3	5821.0
45°	19265.9	18798.8	16623.6	12218.6	5496.2	4981.6	4926.9	4821.0	4956.1	5273.6	5576.5
47.5°	21185.6	20627.2	18057.9	12375.6	5003.5	4817.4	4565.6	4503.5	4671.4	5025.4	5339.3
50°	23430.0	22948.3	20349.8	12368.3	4634.9	4678.7	4215.2	4160.5	4437.8	4795.5	5127.6
52.5°	25269.4	24780.4	22309.6	12003.3	4332.0	4383.1	4010.8	3857.6	4237.1	4569.2	4901.3
55°	26754.8	26203.7	23211.1	10477.8	3948.8	3912.3	3788.2	3507.2	3985.3	4342.9	4653.2
57.5°	25955.5	25298.6	22119.8	7966.9	3554.6	3324.7	3405.0	3197.0	3642.2	4091.1	4390.4
60°	21762.2	21171.0	17970.3	4240.8	3127.7	2777.3	2945.2	2978.0	3266.3	3788.2	4094.8
62.5°	14948.5	14517.9	12178.5	2572.9	2467.1	2229.9	2492.6	2729.9	2945.2	3386.8	3653.2
65°	7313.7	7185.9	6091.1	1649.6	1726.2	1802.9	2065.6	2354.0	2671.5	3058.3	3339.3
67.5°	2014.5	2029.1	1846.7	1288.3	1361.3	1573.0	1781.0	2010.9	2328.4	2686.1	2970.7
70°	886.8	901.4	930.6	992.7	1131.4	1324.8	1540.1	1777.3	2069.3	2368.5	2642.3
72.5°	616.8	631.4	675.2	755.5	879.5	1062.0	1266.4	1492.7	1795.6	2047.4	2273.7
75°	379.6	390.5	430.6	500.0	583.9	722.6	923.3	1131.4	1397.8	1627.7	1828.4
77.5°	200.7	193.4	219.0	266.4	339.4	412.4	547.4	678.8	868.6	1054.7	1222.6
80°	109.5	105.8	120.4	146.0	167.9	226.3	317.5	405.1	514.6	620.4	711.7
82.5°	47.4	43.8	47.4	62.0	76.6	109.5	160.6	222.6	284.7	357.7	416.0
85°	0.0	0.0	0.0	3.6	18.2	29.2	54.7	80.3	116.8	160.6	197.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	32.8
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°	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5
2.5°	7671.3	7580.1	7572.8	7499.8	7507.1	7510.7	7437.8	7408.6	7434.1	7463.3	7448.7
5°	7335.6	7240.7	7200.5	7131.2	7123.9	7091.1	7061.9	7025.4	7050.9	7076.5	7091.1
7.5°	7043.6	6981.6	6956.0	6937.8	6945.1	6930.5	6872.1	6839.2	6835.6	6846.5	6861.1
10°	6948.7	6897.6	6930.5	6981.6	7018.1	7043.6	6981.6	6926.8	6875.7	6853.8	6853.8
12.5°	7153.1	7087.4	7153.1	7207.8	7280.8	7299.1	7229.7	7171.3	7153.1	7175.0	7218.8
15°	7605.6	7452.4	7448.7	7481.6	7539.9	7569.1	7503.4	7474.3	7474.3	7612.9	7722.4
17.5°	8058.2	7806.4	7700.5	7682.3	7718.8	7729.7	7675.0	7649.4	7715.1	7985.2	8189.6
20°	8375.7	8069.1	7839.2	7795.4	7806.4	7810.0	7766.2	7748.0	7842.9	8171.3	8342.8
22.5°	8342.8	8116.6	7835.6	7780.8	7799.1	7791.8	7751.6	7744.3	7821.0	8105.6	8185.9
25°	8116.6	7941.4	7704.2	7667.7	7696.9	7693.2	7653.1	7634.8	7667.7	7857.5	7864.8
27.5°	7857.5	7704.2	7499.8	7488.8	7536.3	7561.8	7492.5	7437.8	7426.8	7554.5	7525.3
30°	7547.2	7434.1	7269.9	7277.2	7364.8	7379.4	7295.4	7215.1	7193.2	7262.6	7222.4
32.5°	7178.6	7142.1	7054.6	7072.8	7156.7	7185.9	7098.3	7014.4	6988.9	7010.8	6926.8
35°	6864.8	6850.2	6857.5	6890.3	6963.3	6985.2	6912.2	6846.5	6810.0	6733.4	6623.9
37.5°	6540.0	6580.1	6686.0	6748.0	6788.1	6780.8	6740.7	6693.3	6634.9	6492.5	6357.5
40°	6237.1	6339.2	6529.0	6598.4	6613.0	6616.6	6587.4	6547.3	6474.3	6284.5	6131.2
42.5°	6003.5	6116.6	6368.4	6474.3	6481.6	6488.9	6459.7	6426.8	6324.6	6072.8	5923.2
45°	5759.0	5908.6	6204.2	6331.9	6324.6	6321.0	6295.5	6280.9	6160.4	5868.5	5704.2
47.5°	5550.9	5726.1	6043.6	6153.1	6149.5	6145.8	6127.6	6127.6	6007.1	5689.6	5503.5
50°	5346.6	5547.3	5879.4	5970.6	5977.9	5970.6	5963.3	5974.3	5832.0	5492.6	5310.1
52.5°	5123.9	5350.2	5696.9	5780.9	5824.7	5842.9	5842.9	5817.4	5649.5	5295.5	5094.8
55°	4879.4	5094.8	5496.2	5609.3	5645.8	5678.7	5678.7	5627.6	5470.7	5113.0	4897.7
57.5°	4576.5	4766.3	5083.8	5196.9	5284.5	5306.4	5306.4	5222.5	5094.8	4751.7	4576.5
60°	4248.1	4412.3	4627.6	4748.0	4813.7	4769.9	4802.8	4780.9	4678.7	4361.2	4215.2
62.5°	3810.1	3978.0	4215.2	4339.3	4368.5	4324.7	4368.5	4364.8	4226.2	3941.5	3766.3
65°	3496.3	3660.5	3894.1	4054.6	4102.1	4091.1	4120.3	4076.5	3905.0	3634.9	3467.1
67.5°	3124.0	3299.2	3569.2	3748.1	3846.6	3857.6	3897.7	3806.5	3631.3	3335.7	3124.0
70°	2770.0	2919.6	3127.7	3295.5	3434.2	3503.6	3510.9	3379.5	3160.5	2916.0	2762.7
72.5°	2397.7	2551.0	2802.8	2985.3	3160.5	3240.8	3240.8	3080.2	2843.0	2572.9	2408.7
75°	1945.2	2087.5	2317.5	2514.5	2715.3	2817.4	2813.8	2675.1	2412.3	2156.9	1985.3
77.5°	1317.5	1423.3	1569.3	1718.9	1748.1	1828.4	1868.6	1693.4	1547.4	1408.7	1255.4
80°	766.4	832.1	912.4	996.3	1014.6	1040.1	974.4	908.7	832.1	740.9	671.5
82.5°	448.9	492.7	532.8	598.5	609.5	616.8	558.4	529.2	467.1	412.4	368.6
85°	219.0	233.6	270.1	302.9	288.3	281.0	255.5	226.3	200.7	178.8	156.9
87.5°	43.8	43.8	65.7	62.0	51.1	43.8	25.5	32.8	7.3	7.3	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°	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5
2.5°	7496.1	7558.2	7634.8	7737.0	7853.8	7977.9	8098.3	8189.6	8280.8	8415.8	8393.9
5°	7112.9	7218.8	7339.2	7496.1	7685.9	7901.2	8142.1	8383.0	8642.1	8861.1	8956.0
7.5°	6890.3	7007.1	7149.4	7353.8	7598.3	7861.1	8200.5	8591.0	9010.7	9299.0	9477.8
10°	6890.3	7040.0	7226.1	7423.2	7638.5	7908.5	8328.2	8817.3	9357.4	9737.0	9945.0
12.5°	7288.1	7437.8	7477.9	7470.6	7591.0	7890.3	8430.4	9054.5	9700.5	10101.9	10357.4
15°	7908.5	7959.6	7656.7	7379.4	7397.6	7758.9	8477.9	9244.3	9996.1	10477.8	10755.2
17.5°	8324.6	8189.6	7649.4	7164.0	7061.9	7536.3	8477.9	9426.8	10309.9	10853.7	11112.8
20°	8357.4	8021.7	7463.3	6956.0	6693.3	7240.7	8419.5	9565.4	10612.9	11215.0	11492.4
22.5°	8069.1	7737.0	7266.2	6777.2	6390.3	6883.0	8324.6	9671.3	10872.0	11554.4	11897.5
25°	7740.7	7463.3	7065.5	6594.7	6182.3	6521.7	8237.0	9850.1	11233.3	12014.3	12361.0
27.5°	7419.5	7185.9	6824.6	6441.4	6065.5	6207.9	8182.3	10112.9	11663.9	12667.5	12966.8
30°	7105.6	6894.0	6565.5	6295.5	6003.5	6003.5	8134.8	10415.8	12233.2	13401.1	13700.4
32.5°	6788.1	6587.4	6321.0	6153.1	5967.0	5923.2	8003.4	10700.4	12820.8	14204.0	14510.6
35°	6492.5	6291.8	6087.4	6018.1	5948.7	5861.2	7678.6	10923.1	13393.8	15141.9	15404.7
37.5°	6215.2	6021.7	5868.5	5850.2	5857.5	5693.3	7167.7	11109.2	14109.1	16101.8	16240.4
40°	5974.3	5759.0	5638.5	5634.9	5671.4	5423.2	6521.7	11375.6	14926.6	16915.6	16857.2
42.5°	5759.0	5532.7	5386.7	5419.6	5397.7	5153.1	5890.4	11620.1	15638.3	17678.4	17561.6
45°	5547.3	5328.3	5123.9	5171.4	5145.8	4985.3	5353.9	11799.0	16426.6	18594.4	18609.0
47.5°	5342.9	5127.6	4923.2	4864.8	4861.2	4934.2	4941.5	11857.3	17711.2	20068.8	19736.7
50°	5153.1	4937.8	4726.2	4529.1	4605.7	4832.0	4634.9	11813.6	19634.5	21696.5	20769.5
52.5°	4956.1	4751.7	4518.1	4164.1	4364.8	4587.5	4361.2	11656.6	20809.7	23134.4	22579.7
55°	4729.8	4536.4	4218.9	3788.2	4032.7	4080.2	4080.2	10138.4	21309.6	24557.7	24900.8
57.5°	4426.9	4171.4	3667.8	3321.1	3540.1	3357.6	3780.9	7094.7	20484.9	24108.8	25440.9
60°	4083.8	3810.1	3277.3	3029.1	3094.8	2773.6	3222.5	4448.8	16977.6	20514.0	22820.6
62.5°	3631.3	3379.5	2937.9	2744.5	2609.4	2262.7	2594.8	2813.8	11638.4	15233.2	16806.1
65°	3328.4	3051.0	2656.9	2401.4	2124.0	1821.1	1722.6	1846.7	6259.0	8525.3	9587.3
67.5°	2970.7	2697.0	2324.8	2003.6	1781.0	1562.0	1390.5	1346.7	2145.9	2839.3	3072.9
70°	2631.3	2368.5	2058.3	1759.1	1536.5	1321.1	1153.3	1032.8	992.7	985.4	970.8
72.5°	2284.6	2040.1	1781.0	1503.6	1259.1	1062.0	912.4	773.7	715.3	697.1	678.8
75°	1872.2	1678.8	1419.7	1120.4	923.3	740.9	624.1	532.8	481.7	463.5	441.6
77.5°	1204.3	1116.8	890.5	722.6	558.4	441.6	379.6	321.2	288.3	281.0	262.8
80°	642.3	598.5	492.7	416.0	332.1	270.1	237.2	204.4	186.1	178.8	171.5
82.5°	357.7	324.8	273.7	240.9	193.4	164.2	146.0	131.4	120.4	116.8	113.1
85°	160.6	138.7	109.5	102.2	91.2	83.9	80.3	73.0	69.3	65.7	62.0
87.5°	7.3	14.6	18.2	14.6	14.6	21.9	25.5	25.5	21.9	21.9	18.2
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: P643760

CATALOG NUMBER: GWS-SA6F-750-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5	7992.5
2.5°	8529.0	8638.5	8649.4	8685.9	8638.5	8627.5	8550.9	8507.1	8466.9	8456.0
5°	9193.2	9412.2	9499.7	9561.8	9503.4	9474.2	9306.3	9131.1	9032.6	8985.2
7.5°	9875.6	10204.1	10375.6	10452.3	10459.6	10328.2	10039.9	9711.4	9547.2	9485.1
10°	10485.1	10890.2	11116.5	11262.5	11211.4	11050.8	10656.6	10211.4	10003.4	9948.6
12.5°	10937.7	11324.5	11499.7	11594.6	11590.9	11503.3	11131.1	10649.3	10412.1	10357.4
15°	11229.6	11459.5	11470.5	11492.4	11554.4	11671.2	11477.8	11032.6	10769.8	10693.1
17.5°	11459.5	11368.3	11196.8	11138.4	11277.1	11601.9	11718.7	11357.4	11072.7	11007.0
20°	11605.5	11145.7	10842.8	10729.6	10890.2	11419.4	11864.6	11649.3	11353.7	11269.8
22.5°	11718.7	10937.7	10448.6	10372.0	10539.9	11222.3	12014.3	11996.0	11671.2	11554.4
25°	11897.5	10799.0	10171.3	10116.5	10273.4	11127.4	12215.0	12466.8	12178.5	12010.6
27.5°	12178.5	10784.4	10028.9	10010.7	10226.0	11211.4	12503.3	13156.6	12795.3	12671.2
30°	12569.0	10923.1	10061.8	10098.3	10361.0	11514.3	12952.2	13944.9	13583.6	13390.2
32.5°	13131.0	11295.3	10561.8	10718.7	10912.1	11999.7	13609.1	14798.9	14525.2	14240.5
35°	13871.9	12317.2	12039.8	12707.7	12525.2	13061.7	14401.1	15835.3	15503.2	15255.1
37.5°	14860.9	14412.0	14667.5	15587.2	15145.6	15068.9	15368.2	16776.9	16594.4	16346.3
40°	16247.7	16339.0	16809.8	18017.8	17379.1	16886.4	16554.3	17484.9	17547.0	17240.4
42.5°	17167.4	17587.1	18722.1	20094.4	19214.8	18036.0	17547.0	18390.0	18393.7	18116.3
45°	17510.5	18609.0	20981.2	22561.4	21090.7	18692.9	18094.4	19619.9	19583.4	19265.9
47.5°	17386.4	19470.3	23327.8	25743.8	23499.4	19160.1	18017.8	21371.7	21667.3	21185.6
50°	17127.3	20335.2	26068.6	29641.5	26455.5	19656.4	17901.0	23313.2	23802.3	23430.0
52.5°	17390.0	21298.7	29309.4	33670.6	30163.4	20448.4	18689.3	25805.9	25718.3	25269.4
55°	18222.1	22437.4	33247.3	38732.5	34236.3	21787.7	20714.8	28181.7	27291.2	26754.8
57.5°	18182.0	23251.2	36699.7	42736.1	37780.0	22886.2	21419.1	28433.5	26634.3	25955.5
60°	16503.2	22878.9	38013.6	45268.9	38849.3	22280.4	19101.7	25397.1	22473.8	21762.2
62.5°	12317.2	20302.4	35466.2	42097.4	35823.9	19244.0	14364.6	18229.4	16149.2	14948.5
65°	7879.4	15882.8	29816.7	34104.9	29528.4	14718.6	8554.5	9773.5	7656.7	7313.7
67.5°	3353.9	11211.4	23178.2	22795.0	22090.6	9536.2	3302.8	2751.8	2051.0	2014.5
70°	1109.5	7627.5	14287.9	15204.0	13193.1	6569.2	1091.2	923.3	919.7	886.8
72.5°	726.3	4094.8	8043.6	8956.0	8488.8	3780.9	660.6	616.8	631.4	616.8
75°	434.3	890.5	1354.0	1759.1	1354.0	635.0	397.8	390.5	397.8	379.6
77.5°	255.5	248.2	240.9	240.9	237.2	219.0	200.7	193.4	197.1	200.7
80°	164.2	156.9	149.6	146.0	127.7	120.4	113.1	105.8	105.8	109.5
82.5°	105.8	98.5	91.2	80.3	65.7	54.7	51.1	43.8	43.8	47.4
85°	54.7	43.8	32.8	25.5	14.6	7.3	0.0	0.0	0.0	0.0
87.5°	10.9	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)