

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: P643267

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

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P643267  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-37)  
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  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

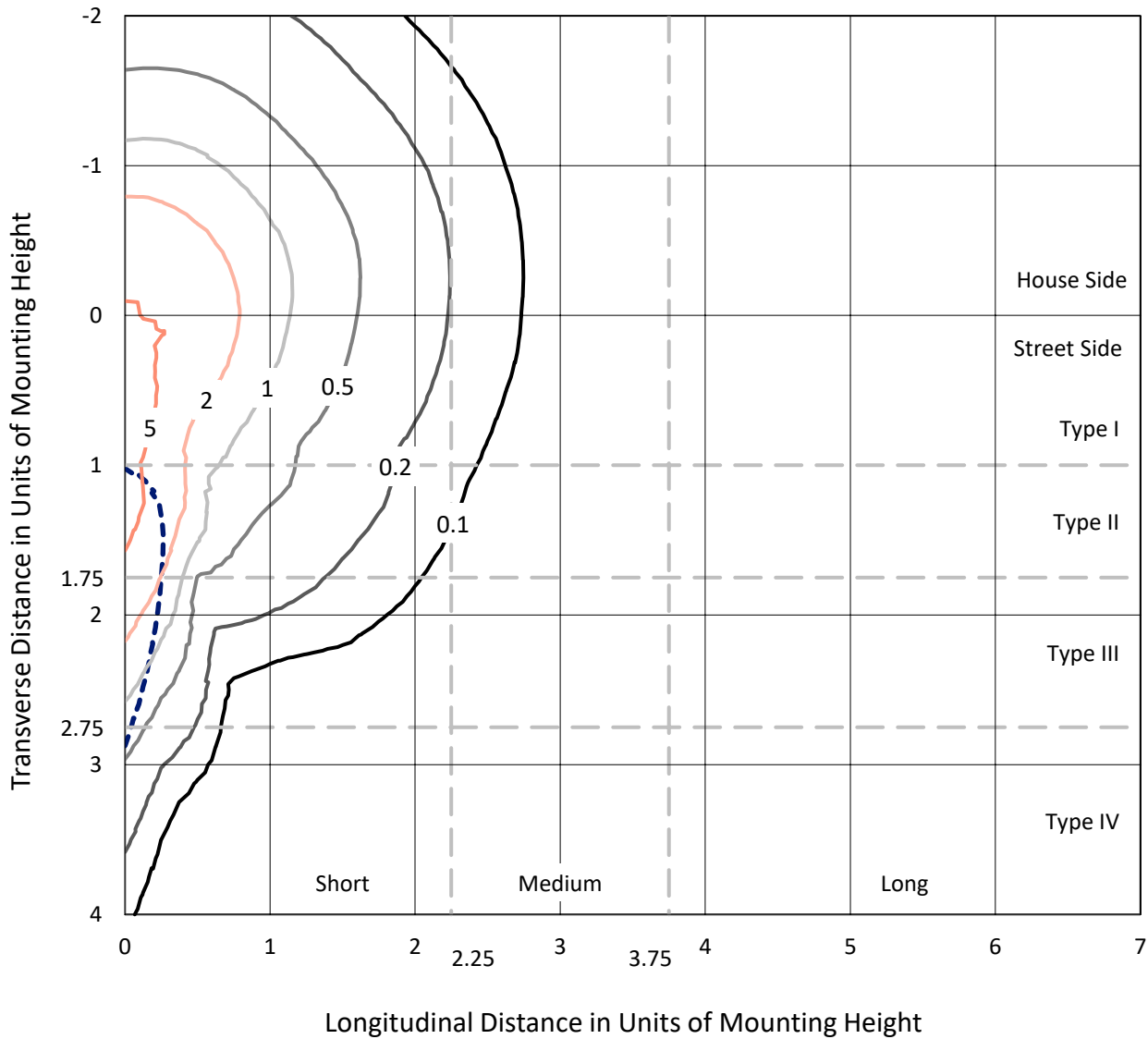
Lumens per Lamp: N/A  
Luminaire Lumens: 42916.4 lumens  
Efficiency: N/A  
Efficacy: 132.5 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 323.8  
Input Voltage (V): 120  
Input Current (Ain): 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

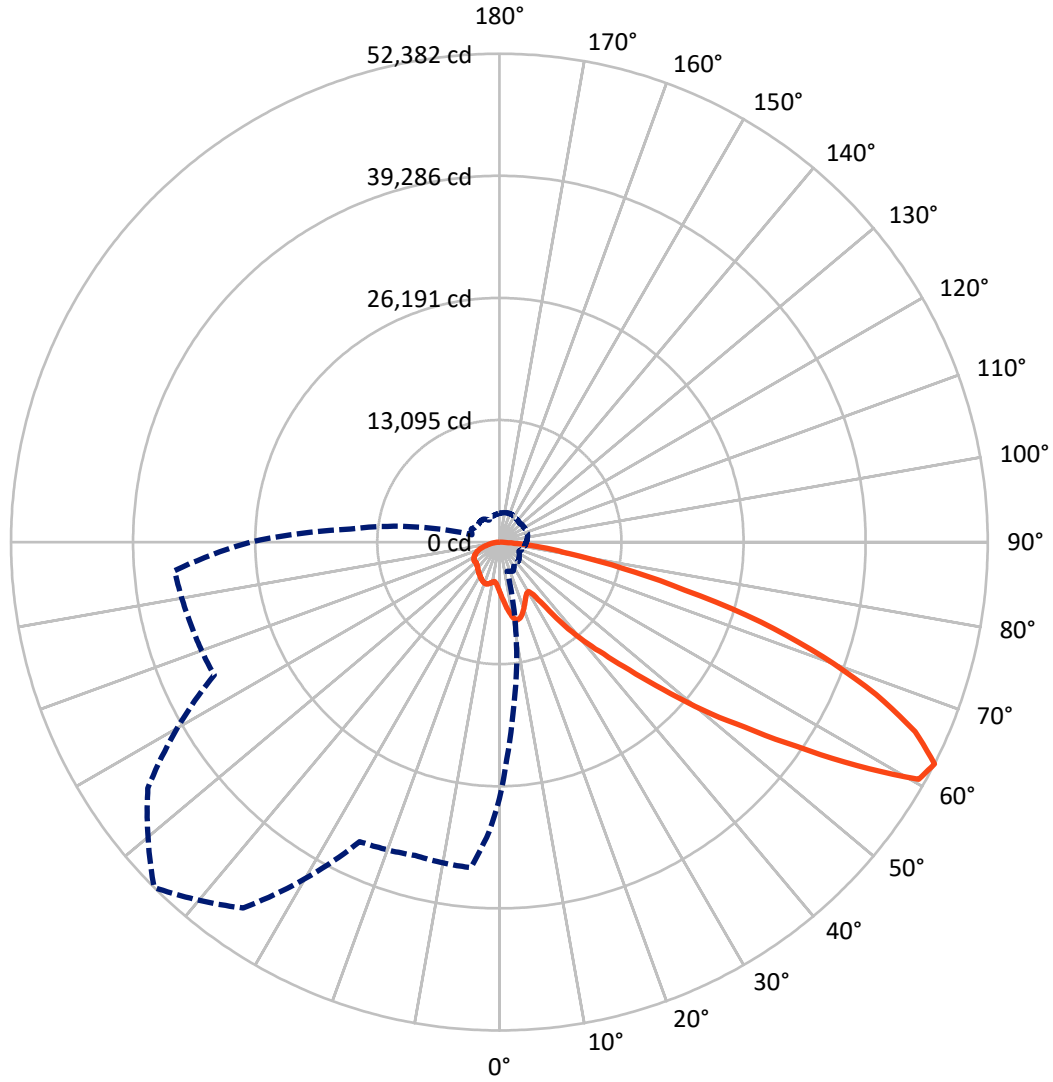
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.9 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10261.4	0.0	10261.4
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	32655.0	0.0	32655.0
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	42916.4	0.0	42916.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	527.1	1.2
10°-20°	1713.2	4.0
20°-30°	2696.9	6.3
30°-40°	3696.7	8.6
40°-50°	5767.9	13.4
50°-60°	9945.0	23.2
60°-70°	11525.1	26.9
70°-80°	6083.5	14.2
80°-90°	961.0	2.2
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°	42916.4	100.0
0°-180°	42916.4	100.0

**Coefficient of Utilization**



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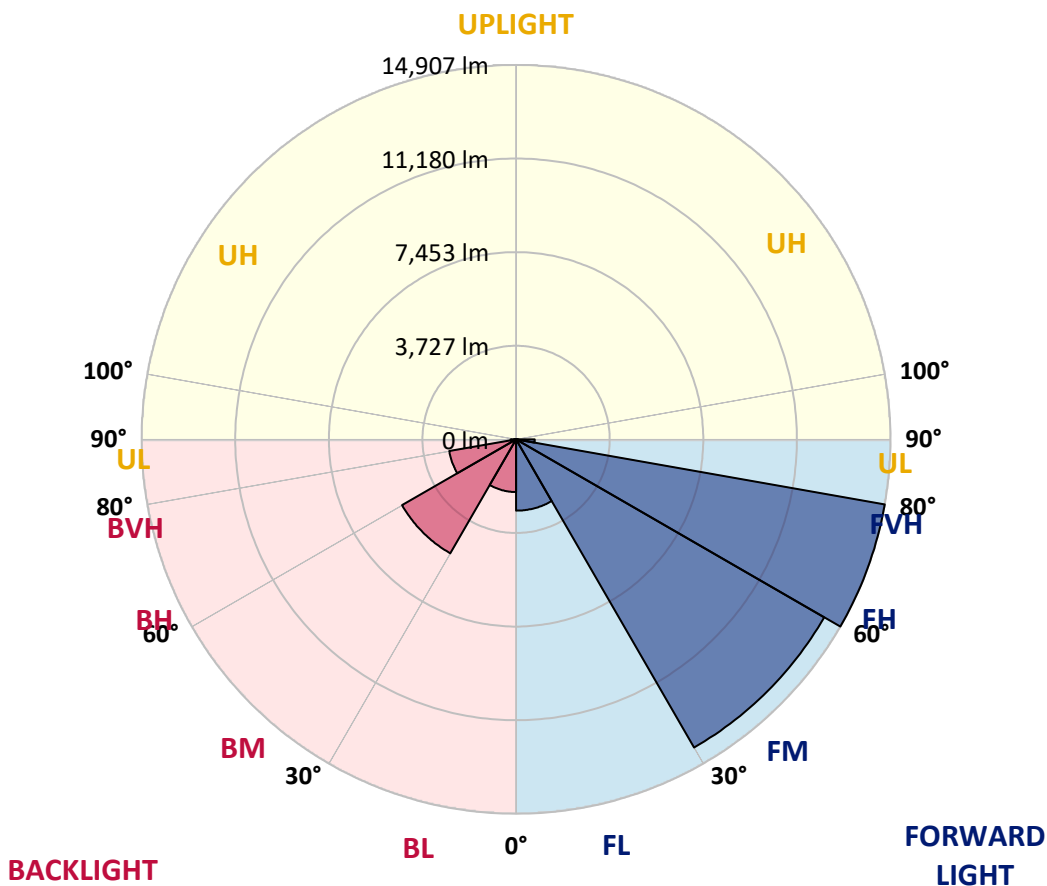
CATALOG NUMBER: GWS-SA6E-750-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2838.4	6.6			
FM (30°-60°)	14168.2	33.0			
FH (60°-80°)	14906.7	34.7			G5
FVH (80°-90°)	741.7	1.7			G4/750
BL (0°-30°)	2098.8	4.9	B3/2500		
BM (30°-60°)	5241.4	12.2	B4/8500		
BH (60°-80°)	2701.8	6.3	B4/5000		G4/5000
BVH (80°-90°)	219.2	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8
2.5°	5813.6	5790.7	5757.8	5646.2	5577.3	5498.5	5416.4	5321.2	5212.9	5137.4	5061.9
5°	6306.0	6269.9	6191.2	5925.3	5741.4	5541.2	5373.8	5183.4	4996.3	4868.2	4740.2
7.5°	6778.8	6732.8	6611.3	6204.3	5905.6	5616.7	5363.9	5088.2	4809.1	4618.7	4467.7
10°	7251.5	7156.3	7002.0	6470.2	6076.3	5741.4	5452.5	5114.4	4743.5	4484.2	4323.3
12.5°	7612.6	7523.9	7356.5	6713.1	6247.0	5826.8	5501.8	5189.9	4874.8	4599.1	4434.9
15°	7950.7	7835.8	7645.4	6939.6	6388.1	5823.5	5403.3	5130.8	5084.9	5016.0	4802.6
17.5°	8193.6	8088.6	7891.6	7123.4	6466.9	5721.7	5130.8	4970.0	5176.8	5386.9	5183.4
20°	8407.0	8285.5	8085.3	7251.5	6483.3	5495.2	4799.3	4802.6	5127.6	5416.4	5367.2
22.5°	8587.5	8452.9	8275.7	7395.9	6476.7	5180.1	4510.4	4707.4	5032.4	5258.9	5265.4
25°	8810.7	8699.1	8551.4	7609.3	6476.7	4858.4	4300.3	4592.5	4871.5	5061.9	5055.3
27.5°	9083.2	9007.7	8886.2	7934.3	6535.8	4589.2	4182.1	4444.8	4664.7	4828.8	4825.6
30°	9388.5	9319.6	9227.6	8278.9	6637.6	4389.0	4116.5	4260.9	4421.8	4553.1	4553.1
32.5°	9700.4	9674.1	9575.6	8554.7	6558.8	4326.6	4060.7	4077.1	4162.5	4270.8	4260.9
35°	10133.7	10107.4	9982.7	8768.1	6217.4	4238.0	3972.1	3890.0	3899.8	3968.8	3991.8
37.5°	10767.2	10727.8	10544.0	9017.6	5702.0	4014.7	3827.6	3693.0	3663.5	3693.0	3735.7
40°	11532.1	11473.0	11223.5	9355.7	5107.9	3712.7	3601.1	3489.5	3440.3	3450.1	3499.3
42.5°	12490.6	12365.9	12008.1	9713.5	4520.3	3446.8	3348.3	3279.4	3223.6	3217.0	3312.2
45°	14046.6	13705.2	13137.3	10031.9	4024.6	3305.7	3121.8	3072.6	3026.6	3052.9	3164.5
47.5°	16764.7	16134.4	15028.2	10304.4	3722.6	3309.0	2941.3	2888.8	2885.5	2938.0	3062.8
50°	20500.4	19591.1	17884.1	10488.2	3565.0	3348.3	2833.0	2747.6	2810.0	2862.5	2980.7
52.5°	24078.5	22690.0	20658.0	10484.9	3496.1	3354.9	2862.5	2616.3	2810.0	2823.1	2934.7
55°	27134.7	24620.2	21406.4	9408.2	3397.6	3328.6	2977.4	2514.5	2773.9	2823.1	2911.7
57.5°	29563.9	25847.9	21350.6	7599.4	3696.3	3184.2	3046.3	2491.6	2668.8	2829.7	2931.4
60°	29294.7	25286.6	19975.2	4664.7	3666.8	2928.2	3036.5	2534.2	2491.6	2741.0	2908.5
62.5°	27505.7	23274.3	17608.4	3236.7	3443.5	2780.4	2875.6	2609.7	2327.4	2613.0	2796.9
65°	25001.0	20677.7	14673.6	2481.7	2852.7	2787.0	2603.2	2557.2	2183.0	2409.5	2606.5
67.5°	21688.7	17457.4	11584.6	1966.3	1989.3	2412.8	2363.5	2271.6	2048.4	2228.9	2406.2
70°	16305.1	12740.1	7970.4	1582.3	1506.8	2015.6	2123.9	2041.8	1917.1	1969.6	2156.7
72.5°	11489.4	8318.3	4366.0	1254.0	1162.1	1549.4	1844.9	1831.7	1693.9	1733.3	1917.1
75°	8538.3	5885.9	2727.9	991.4	945.4	1109.5	1546.1	1585.5	1470.6	1516.6	1657.8
77.5°	5682.3	3811.2	1516.6	735.3	735.3	810.8	1152.2	1336.1	1250.7	1286.8	1385.3
80°	3135.0	1940.1	758.3	482.6	495.7	558.1	840.4	961.8	965.1	1053.7	1080.0
82.5°	991.4	617.1	338.1	282.3	265.9	318.4	541.6	689.4	643.4	820.7	755.0
85°	226.5	144.4	62.4	62.4	68.9	105.0	206.8	367.7	469.4	564.6	410.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	144.4	213.4	190.4
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°	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8
2.5°	5016.0	4950.3	4930.6	4874.8	4868.2	4815.7	4796.0	4796.0	4819.0	4819.0	4842.0
5°	4687.7	4605.6	4559.7	4494.0	4477.6	4438.2	4411.9	4415.2	4444.8	4464.5	4503.9
7.5°	4398.8	4343.0	4310.2	4280.6	4274.1	4267.5	4238.0	4234.7	4244.5	4274.1	4303.6
10°	4277.3	4238.0	4247.8	4270.8	4306.9	4326.6	4300.3	4287.2	4277.3	4297.0	4323.3
12.5°	4395.5	4356.1	4375.8	4415.2	4464.5	4484.2	4474.3	4471.0	4480.9	4556.4	4612.2
15°	4654.9	4579.4	4553.1	4569.5	4608.9	4628.6	4618.7	4631.9	4694.2	4891.2	5032.4
17.5°	4976.6	4792.7	4687.7	4658.1	4674.6	4691.0	4691.0	4723.8	4832.1	5121.0	5298.3
20°	5150.5	4910.9	4733.6	4661.4	4668.0	4684.4	4684.4	4730.4	4851.8	5160.4	5275.3
22.5°	5104.6	4884.6	4668.0	4589.2	4592.5	4605.6	4605.6	4645.0	4753.3	5025.8	5078.3
25°	4924.0	4730.4	4517.0	4448.0	4454.6	4477.6	4471.0	4494.0	4576.1	4799.3	4828.8
27.5°	4707.4	4536.7	4326.6	4274.1	4303.6	4349.6	4310.2	4313.5	4389.0	4576.1	4579.4
30°	4474.3	4333.2	4146.0	4106.6	4162.5	4185.4	4149.3	4149.3	4224.8	4352.8	4349.6
32.5°	4221.5	4132.9	3998.3	3955.6	4018.0	4054.1	4008.2	4014.7	4073.8	4159.2	4126.3
35°	3985.2	3939.2	3876.9	3847.3	3886.7	3919.5	3890.0	3903.1	3958.9	3981.9	3935.9
37.5°	3758.7	3752.1	3758.7	3758.7	3768.5	3778.4	3758.7	3791.5	3840.7	3811.2	3758.7
40°	3561.7	3588.0	3650.4	3633.9	3624.1	3633.9	3620.8	3676.6	3725.9	3673.3	3611.0
42.5°	3397.6	3446.8	3542.0	3542.0	3522.3	3528.9	3522.3	3591.3	3627.4	3555.2	3486.2
45°	3256.4	3328.6	3450.1	3466.5	3433.7	3433.7	3446.8	3532.2	3545.3	3446.8	3374.6
47.5°	3157.9	3246.6	3384.5	3414.0	3364.8	3361.5	3397.6	3489.5	3489.5	3374.6	3292.5
50°	3089.0	3187.5	3351.6	3391.0	3341.8	3328.6	3387.7	3476.4	3456.7	3318.8	3236.7
52.5°	3043.1	3144.8	3348.3	3404.2	3371.3	3358.2	3417.3	3479.7	3430.4	3282.7	3197.3
55°	3013.5	3125.1	3358.2	3404.2	3368.0	3345.1	3404.2	3460.0	3433.7	3263.0	3180.9
57.5°	3029.9	3141.5	3345.1	3368.0	3325.4	3286.0	3354.9	3433.7	3423.8	3269.6	3187.5
60°	3003.7	3105.4	3272.8	3279.4	3207.2	3144.8	3246.6	3364.8	3364.8	3246.6	3174.4
62.5°	2882.2	2984.0	3131.7	3138.3	3056.2	2987.2	3105.4	3246.6	3243.3	3148.1	3072.6
65°	2682.0	2777.2	2944.6	2961.0	2878.9	2806.7	2928.2	3059.5	3069.3	2984.0	2918.3
67.5°	2462.0	2547.4	2672.1	2737.8	2668.8	2593.3	2704.9	2829.7	2826.4	2724.6	2655.7
70°	2199.4	2278.2	2393.1	2448.9	2406.2	2334.0	2435.8	2501.4	2471.9	2422.6	2376.7
72.5°	1940.1	2015.6	2123.9	2123.9	2077.9	2009.0	2038.6	2156.7	2192.8	2156.7	2127.2
75°	1667.6	1733.3	1808.8	1825.2	1723.4	1598.7	1736.5	1838.3	1881.0	1864.6	1828.5
77.5°	1388.6	1437.8	1549.4	1519.9	1329.5	1263.8	1375.4	1526.5	1556.0	1546.1	1496.9
80°	1070.2	1099.7	1217.9	1158.8	1011.1	968.4	1017.6	1135.8	1142.4	1109.5	1047.2
82.5°	718.9	758.3	837.1	722.2	718.9	679.5	640.1	653.3	712.3	705.8	663.1
85°	367.7	387.4	462.9	433.3	370.9	321.7	305.3	325.0	292.2	265.9	229.8
87.5°	154.3	167.4	229.8	128.0	39.4	0.0	0.0	19.7	29.5	42.7	46.0
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°	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8
2.5°	4894.5	4930.6	5019.2	5130.8	5239.2	5350.8	5472.2	5547.7	5639.7	5757.8	5761.1
5°	4553.1	4635.2	4763.2	4933.9	5111.1	5314.7	5551.0	5748.0	5984.3	6171.5	6247.0
7.5°	4343.0	4461.2	4622.0	4838.7	5071.8	5324.5	5633.1	5964.6	6352.0	6601.5	6749.2
10°	4362.7	4543.2	4704.1	4887.9	5098.0	5370.5	5767.7	6207.6	6683.6	7011.8	7195.7
12.5°	4713.9	4904.3	4874.8	4864.9	5006.1	5337.7	5876.0	6453.8	7034.8	7363.1	7583.0
15°	5157.1	5229.3	4950.3	4740.2	4825.6	5219.5	5935.1	6673.7	7327.0	7727.5	7944.1
17.5°	5383.6	5239.2	4901.1	4585.9	4562.9	5038.9	5964.6	6896.9	7655.2	8055.7	8285.5
20°	5278.6	5068.5	4782.9	4484.2	4320.0	4792.7	5948.2	7074.2	7954.0	8400.4	8587.5
22.5°	5052.1	4868.2	4645.0	4359.4	4123.1	4523.5	5905.6	7251.5	8219.9	8669.6	8833.7
25°	4805.9	4668.0	4484.2	4234.7	4011.4	4287.2	5876.0	7487.8	8525.1	8955.2	9060.2
27.5°	4559.7	4457.9	4306.9	4113.2	3985.2	4123.1	5885.9	7796.4	8919.1	9326.1	9283.5
30°	4316.7	4228.1	4123.1	4037.7	3981.9	4083.7	5859.6	8124.7	9352.4	9729.9	9477.1
32.5°	4087.0	4004.9	3939.2	3952.4	3985.2	4100.1	5725.0	8423.4	9749.6	10071.3	9687.2
35°	3890.0	3804.6	3804.6	3850.6	3972.1	4044.3	5377.0	8656.5	10189.5	10511.2	9985.9
37.5°	3706.2	3630.7	3679.9	3755.4	3870.3	3893.3	4930.6	8883.0	10829.6	11131.6	10448.8
40°	3545.3	3469.8	3558.4	3653.6	3712.7	3702.9	4477.6	9198.1	11584.6	11896.5	11062.7
42.5°	3417.3	3348.3	3427.1	3548.6	3558.4	3568.3	4146.0	9500.1	12461.1	12858.3	12119.7
45°	3312.2	3263.0	3302.4	3423.8	3423.8	3574.9	3939.2	9752.9	13780.7	14483.2	14059.8
47.5°	3230.2	3200.6	3220.3	3259.7	3325.4	3693.0	3807.9	9946.6	16183.7	17562.4	17135.6
50°	3184.2	3154.7	3180.9	3098.9	3295.8	3752.1	3765.2	10094.3	19351.5	21511.5	20983.0
52.5°	3144.8	3135.0	3151.4	2961.0	3361.5	3712.7	3732.4	9897.3	21475.4	25398.2	25920.1
55°	3131.7	3138.3	3059.5	2859.2	3440.3	3581.4	3633.9	8489.0	22053.1	28749.8	31989.8
57.5°	3138.3	3118.6	2918.3	2869.1	3443.5	3318.8	3775.1	6056.6	21212.7	30207.3	37928.2
60°	3115.3	3016.8	2747.6	2957.7	3292.5	3010.2	3673.3	3949.1	18996.9	29087.9	38272.9
62.5°	3013.5	2869.1	2599.9	3006.9	3023.4	2826.4	3335.2	3043.1	16042.5	26691.6	34950.8
65°	2865.8	2672.1	2475.1	2905.2	2750.9	2741.0	2508.0	2439.0	12901.0	23838.9	31799.4
67.5°	2622.9	2429.2	2383.2	2672.1	2475.1	2429.2	2015.6	2022.1	10294.5	20799.1	28631.6
70°	2347.1	2153.4	2189.6	2416.1	2202.7	2018.9	1631.5	1684.0	7809.5	17329.3	24360.9
72.5°	2166.6	1907.2	1910.5	2127.2	1936.8	1634.8	1342.6	1388.6	4956.9	13061.8	19367.9
75°	1828.5	1680.7	1608.5	1723.4	1644.6	1273.7	1129.2	1119.4	2938.0	9362.2	14502.9
77.5°	1526.5	1411.6	1375.4	1421.4	1227.7	942.1	909.3	892.9	1664.3	5997.5	9503.4
80°	1106.3	1076.7	1073.4	1096.4	945.4	692.6	692.6	695.9	896.2	3256.4	5357.4
82.5°	702.5	768.1	679.5	755.0	643.4	492.4	459.6	521.9	515.4	1388.6	2258.5
85°	292.2	400.5	374.2	397.2	305.3	269.2	288.9	311.9	298.7	535.1	879.8
87.5°	55.8	65.7	72.2	68.9	68.9	85.3	95.2	114.9	114.9	154.3	265.9
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: P643267

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

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8	5350.8
2.5°	5885.9	5981.1	5961.4	6004.0	5948.2	5967.9	5856.3	5826.8	5807.1	5813.6
5°	6489.9	6683.6	6719.7	6791.9	6742.6	6742.6	6545.7	6398.0	6345.4	6306.0
7.5°	7103.7	7382.8	7566.6	7586.3	7560.0	7507.5	7221.9	6956.0	6860.8	6778.8
10°	7648.7	7983.5	8190.3	8288.8	8239.6	8157.5	7803.0	7438.6	7323.7	7251.5
12.5°	8065.6	8361.0	8498.9	8564.5	8558.0	8528.4	8239.6	7845.6	7724.2	7612.6
15°	8334.8	8482.5	8430.0	8426.7	8472.6	8590.8	8502.2	8193.6	8052.4	7950.7
17.5°	8508.7	8367.6	8134.5	8026.2	8124.7	8403.7	8607.2	8433.2	8305.2	8193.6
20°	8571.1	8068.9	7730.7	7530.5	7645.4	8049.2	8551.4	8607.2	8498.9	8407.0
22.5°	8498.9	7704.5	7244.9	7008.5	7120.2	7602.7	8387.3	8748.4	8676.2	8587.5
25°	8321.6	7323.7	6772.2	6558.8	6680.3	7172.7	8095.1	8879.7	8883.0	8810.7
27.5°	8101.7	6972.4	6440.6	6240.4	6358.6	6818.1	7809.5	8994.6	9109.5	9083.2
30°	7878.5	6762.3	6283.1	6141.9	6230.5	6637.6	7517.4	9112.8	9342.5	9388.5
32.5°	7776.7	6864.1	6654.0	6716.4	6601.5	6742.6	7412.3	9280.2	9624.9	9700.4
35°	7911.3	7766.8	8298.6	8544.8	8137.8	7602.7	7546.9	9532.9	10022.1	10133.7
37.5°	8564.5	9700.4	10494.8	11361.4	10655.6	9477.1	8213.3	9963.0	10590.0	10767.2
40°	9985.9	11387.7	12822.2	13941.6	12874.7	11289.2	9480.4	10603.1	11371.2	11532.1
42.5°	11325.3	12969.9	14946.1	16393.8	15008.5	12769.7	10846.0	11679.8	12402.0	12490.6
45°	12638.4	14522.6	17516.4	19528.7	17647.7	14177.9	12241.2	13498.4	14043.4	14046.6
47.5°	14177.9	16272.3	20740.0	23605.8	21150.4	15737.2	13550.9	16377.3	17135.6	16764.7
50°	16019.5	18012.1	24058.8	28349.3	25421.2	17654.3	15215.3	19886.5	20920.6	20500.4
52.5°	18484.8	19929.2	27715.8	32974.6	30076.0	19837.3	17628.1	24521.7	24863.1	24078.5
55°	21954.6	22696.5	32410.0	38686.5	35272.5	22525.8	21156.9	30338.6	29383.4	27134.7
57.5°	29856.1	27075.6	38437.0	45202.7	41151.8	27410.5	28891.0	36753.0	33355.4	29563.9
60°	36467.4	32393.6	44014.3	51669.6	46190.7	32794.1	36152.3	37869.1	33207.7	29294.7
62.5°	34238.5	33749.3	46026.6	52381.9	47910.9	35443.2	34803.1	35055.9	31041.1	27505.7
65°	30039.9	31133.0	44231.0	49004.0	46003.6	33069.8	31481.0	32456.0	28562.7	25001.0
67.5°	27561.5	28365.7	41036.9	43597.4	42537.1	30502.8	28897.5	28191.8	24715.4	21688.7
70°	25027.2	25693.6	36552.8	36812.1	37130.5	26235.3	23628.8	21527.9	18422.5	16305.1
72.5°	21626.4	21662.5	30883.6	29380.1	29984.1	20529.9	19019.9	16095.0	13409.8	11489.4
75°	18143.4	17152.1	24446.2	20536.5	21747.8	15970.3	15793.0	12129.5	10114.0	8538.3
77.5°	13833.3	12674.5	17857.8	13505.0	15274.4	10635.9	11873.5	8226.4	7116.9	5682.3
80°	9286.7	8564.5	9867.8	7622.4	9992.5	7330.2	7743.9	4661.4	4041.0	3135.0
82.5°	4897.8	4182.1	6099.2	4520.3	6027.0	4027.9	2905.2	1441.1	1227.7	991.4
85°	1897.4	2196.1	2990.5	1608.5	2337.3	1437.8	840.4	357.8	298.7	226.5
87.5°	367.7	567.9	311.9	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)