

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: P638315

Luminaire Tested: GWS-SA4E-750-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P638315  
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-SA4E-750-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (64) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

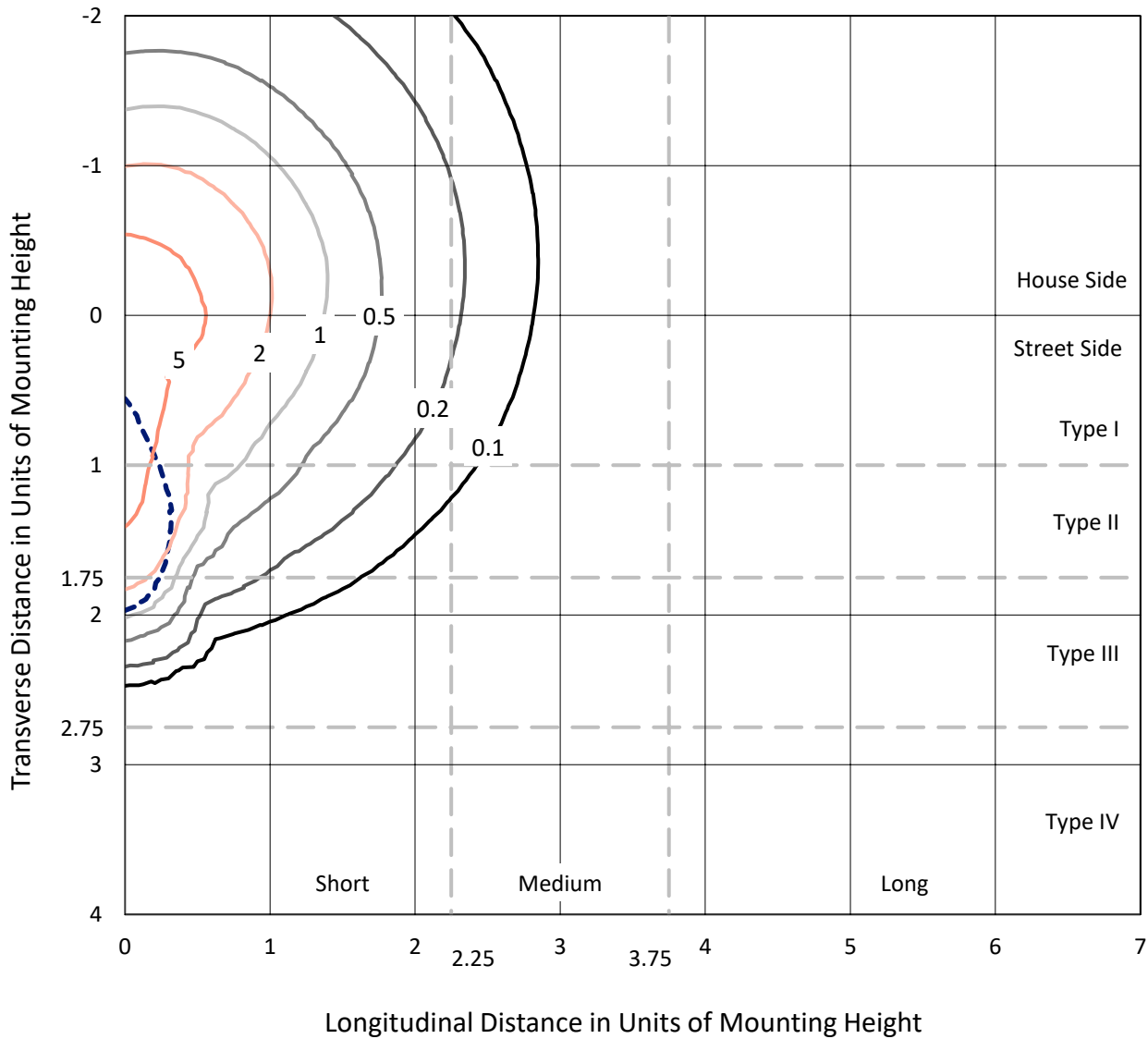
Lumens per Lamp: N/A  
Luminaire Lumens: 24366.3 lumens  
Efficiency: N/A  
Efficacy: 120.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 202.6  
Input Voltage (V): 120  
Input Current (Ain): 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

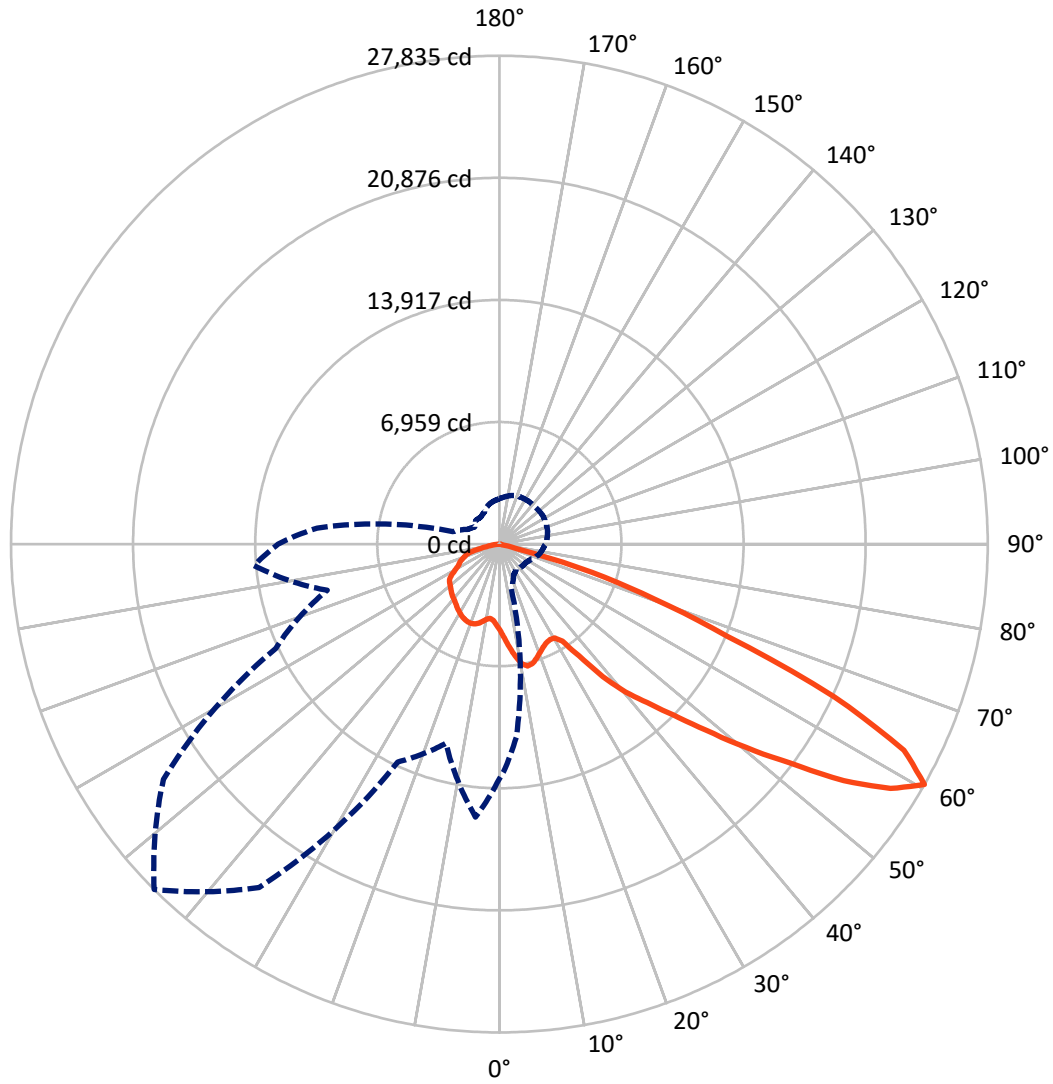
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 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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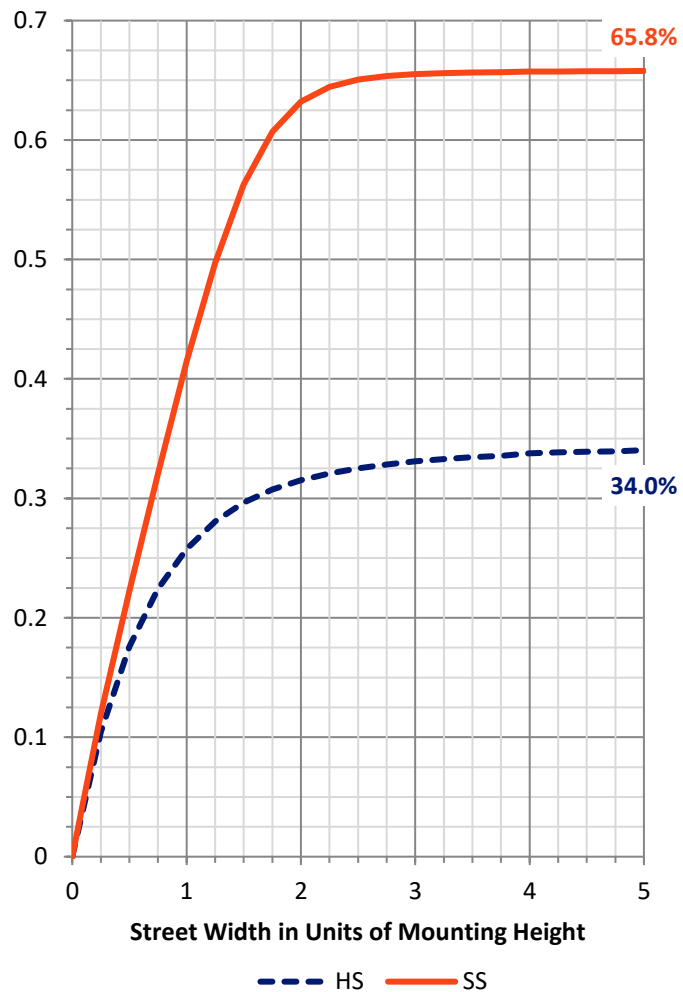
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8335.5	0.0	8335.5
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	16030.8	0.0	16030.8
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	24366.3	0.0	24366.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	480.2	2.0
10°-20°	1540.0	6.3
20°-30°	2508.1	10.3
30°-40°	3523.3	14.5
40°-50°	4821.3	19.8
50°-60°	6185.5	25.4
60°-70°	4165.1	17.1
70°-80°	1041.3	4.3
80°-90°	101.5	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°	24366.3	100.0
0°-180°	24366.3	100.0

**Coefficient of Utilization**

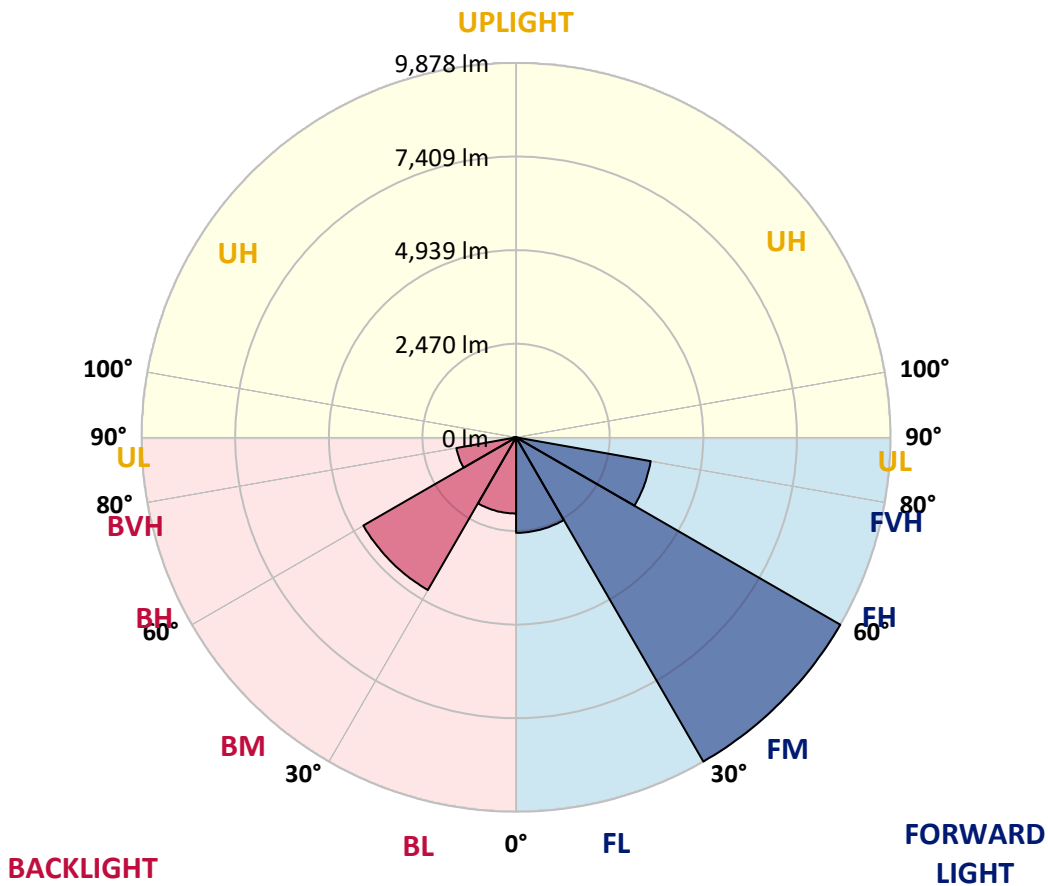


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2518.9	10.3			
FM (30°-60°)	9878.3	40.5			
FH (60°-80°)	3607.2	14.8			G2/5000
FVH (80°-90°)	26.4	0.1			G1/100
BL (0°-30°)	2009.4	8.2	B3/2500		
BM (30°-60°)	4651.9	19.1	B3/5000		
BH (60°-80°)	1599.1	6.6	B3/2500		G3/2500
BVH (80°-90°)	75.1	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°	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4
2.5°	5199.4	5188.2	5177.0	5089.5	5067.0	5004.2	4959.3	4903.2	4822.4	4777.5	4739.4
5°	5524.8	5506.8	5446.3	5266.7	5150.0	5022.1	4916.7	4800.0	4676.6	4595.8	4532.9
7.5°	5832.2	5827.7	5724.5	5428.3	5239.8	5055.8	4912.2	4741.6	4564.4	4443.2	4362.4
10°	6117.2	6083.6	5960.1	5574.2	5327.3	5116.4	4961.5	4773.0	4566.6	4402.8	4295.1
12.5°	6368.6	6325.9	6155.4	5708.8	5403.6	5143.3	4975.0	4820.2	4683.3	4546.4	4423.0
15°	6575.0	6523.4	6350.6	5834.5	5470.9	5127.6	4892.0	4770.8	4817.9	4878.5	4741.6
17.5°	6768.0	6714.1	6503.2	5926.5	5491.1	5031.1	4687.8	4636.2	4874.0	5150.0	5087.2
20°	6929.6	6869.0	6624.4	5971.4	5455.2	4847.1	4423.0	4512.7	4826.9	5156.8	5257.8
22.5°	7104.6	7055.2	6761.3	6036.4	5410.4	4593.5	4200.8	4420.7	4746.1	5035.6	5188.2
25°	7385.1	7324.5	6974.4	6150.9	5387.9	4355.7	4041.5	4331.0	4633.9	4896.5	5015.4
27.5°	7791.3	7679.1	7266.2	6350.6	5412.6	4131.3	3940.5	4221.0	4503.8	4728.2	4824.7
30°	8233.3	8098.7	7589.3	6557.1	5448.5	3994.4	3886.7	4095.4	4304.0	4528.5	4633.9
32.5°	8756.2	8637.3	7934.9	6711.9	5372.2	3931.5	3846.3	3958.5	4124.5	4304.0	4391.6
35°	9380.0	9166.9	8311.9	6837.6	5125.4	3839.5	3810.4	3808.1	3895.6	4070.7	4169.4
37.5°	10051.0	9822.1	8776.4	6972.2	4741.6	3693.7	3725.1	3630.8	3711.6	3850.8	3963.0
40°	10600.8	10360.7	9245.4	7156.2	4261.4	3464.8	3536.6	3435.6	3485.0	3628.6	3754.3
42.5°	11139.4	10883.5	9683.0	7364.9	3796.9	3240.4	3276.3	3238.1	3253.8	3404.2	3579.2
45°	11846.2	11559.0	10221.6	7513.0	3379.5	3063.1	3029.4	2964.4	3047.4	3242.6	3428.9
47.5°	13026.6	12683.3	11103.5	7609.5	3076.6	2962.1	2807.3	2769.1	2872.4	3090.0	3283.0
50°	14406.7	14110.5	12512.7	7605.0	2849.9	2876.8	2591.9	2558.2	2728.7	2948.7	3152.9
52.5°	15537.7	15237.0	13717.7	7380.6	2663.7	2695.1	2466.2	2371.9	2605.3	2809.5	3013.7
55°	16451.0	16112.1	14272.0	6442.6	2428.0	2405.6	2329.3	2156.5	2450.5	2670.4	2861.1
57.5°	15959.5	15555.6	13601.1	4898.7	2185.7	2044.3	2093.7	1965.8	2239.5	2515.6	2699.6
60°	13381.1	13017.6	11049.6	2607.6	1923.1	1707.7	1810.9	1831.1	2008.4	2329.3	2517.8
62.5°	9191.5	8926.7	7488.3	1582.0	1517.0	1371.1	1532.7	1678.5	1810.9	2082.5	2246.3
65°	4497.0	4418.5	3745.3	1014.3	1061.4	1108.6	1270.1	1447.4	1642.6	1880.5	2053.3
67.5°	1238.7	1247.7	1135.5	792.1	837.0	967.2	1095.1	1236.5	1431.7	1651.6	1826.6
70°	545.3	554.3	572.2	610.4	695.6	814.6	947.0	1092.8	1272.4	1456.4	1624.7
72.5°	379.2	388.2	415.1	464.5	540.8	653.0	778.7	917.8	1104.1	1258.9	1398.0
75°	233.4	240.1	264.8	307.4	359.0	444.3	567.7	695.6	859.5	1000.8	1124.3
77.5°	123.4	118.9	134.6	163.8	208.7	253.6	336.6	417.4	534.1	648.5	751.7
80°	67.3	65.1	74.1	89.8	103.2	139.1	195.2	249.1	316.4	381.5	437.6
82.5°	29.2	26.9	29.2	38.1	47.1	67.3	98.7	136.9	175.0	219.9	255.8
85°	0.0	0.0	0.0	2.2	11.2	18.0	33.7	49.4	71.8	98.7	121.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	20.2
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°	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4
2.5°	4716.9	4660.8	4656.4	4611.5	4616.0	4618.2	4573.3	4555.4	4571.1	4589.0	4580.1
5°	4510.5	4452.2	4427.5	4384.8	4380.3	4360.1	4342.2	4319.8	4335.5	4351.2	4360.1
7.5°	4331.0	4292.8	4277.1	4265.9	4270.4	4261.4	4225.5	4205.3	4203.1	4209.8	4218.8
10°	4272.6	4241.2	4261.4	4292.8	4315.3	4331.0	4292.8	4259.2	4227.8	4214.3	4214.3
12.5°	4398.3	4357.9	4398.3	4432.0	4476.8	4488.1	4445.4	4409.5	4398.3	4411.8	4438.7
15°	4676.6	4582.3	4580.1	4600.3	4636.2	4654.1	4613.7	4595.8	4595.8	4681.0	4748.4
17.5°	4954.8	4800.0	4734.9	4723.7	4746.1	4752.9	4719.2	4703.5	4743.9	4909.9	5035.6
20°	5150.0	4961.5	4820.2	4793.2	4800.0	4802.2	4775.3	4764.1	4822.4	5024.4	5129.9
22.5°	5129.9	4990.7	4817.9	4784.3	4795.5	4791.0	4766.3	4761.8	4809.0	4984.0	5033.4
25°	4990.7	4883.0	4737.1	4714.7	4732.7	4730.4	4705.7	4694.5	4714.7	4831.4	4835.9
27.5°	4831.4	4737.1	4611.5	4604.7	4633.9	4649.6	4607.0	4573.3	4566.6	4645.1	4627.2
30°	4640.7	4571.1	4470.1	4474.6	4528.5	4537.4	4485.8	4436.4	4423.0	4465.6	4440.9
32.5°	4414.0	4391.6	4337.7	4348.9	4400.5	4418.5	4364.6	4313.0	4297.3	4310.8	4259.2
35°	4221.0	4212.0	4216.5	4236.7	4281.6	4295.1	4250.2	4209.8	4187.4	4140.2	4072.9
37.5°	4021.3	4046.0	4111.1	4149.2	4173.9	4169.4	4144.7	4115.5	4079.6	3992.1	3909.1
40°	3835.0	3897.9	4014.6	4057.2	4066.2	4068.4	4050.5	4025.8	3980.9	3864.2	3770.0
42.5°	3691.4	3761.0	3915.8	3980.9	3985.4	3989.9	3971.9	3951.7	3888.9	3734.1	3642.1
45°	3541.1	3633.1	3814.8	3893.4	3888.9	3886.7	3871.0	3862.0	3787.9	3608.4	3507.4
47.5°	3413.2	3520.9	3716.1	3783.4	3781.2	3778.9	3767.7	3767.7	3693.7	3498.4	3384.0
50°	3287.5	3410.9	3615.1	3671.2	3675.7	3671.2	3666.7	3673.5	3586.0	3377.3	3265.1
52.5°	3150.6	3289.7	3502.9	3554.5	3581.5	3592.7	3592.7	3577.0	3473.8	3256.1	3132.7
55°	3000.3	3132.7	3379.5	3449.1	3471.5	3491.7	3491.7	3460.3	3363.8	3143.9	3011.5
57.5°	2814.0	2930.7	3125.9	3195.5	3249.4	3262.8	3262.8	3211.2	3132.7	2921.7	2814.0
60°	2612.0	2713.0	2845.4	2919.5	2959.9	2932.9	2953.1	2939.7	2876.8	2681.6	2591.9
62.5°	2342.8	2446.0	2591.9	2668.2	2686.1	2659.2	2686.1	2683.9	2598.6	2423.6	2315.8
65°	2149.8	2250.8	2394.4	2493.1	2522.3	2515.6	2533.5	2506.6	2401.1	2235.1	2131.8
67.5°	1920.9	2028.6	2194.7	2304.6	2365.2	2371.9	2396.6	2340.5	2232.8	2051.0	1920.9
70°	1703.2	1795.2	1923.1	2026.4	2111.6	2154.3	2158.8	2078.0	1943.3	1793.0	1698.7
72.5°	1474.3	1568.6	1723.4	1835.6	1943.3	1992.7	1992.7	1894.0	1748.1	1582.0	1481.1
75°	1196.1	1283.6	1425.0	1546.1	1669.6	1732.4	1730.1	1644.9	1483.3	1326.2	1220.8
77.5°	810.1	875.2	964.9	1056.9	1074.9	1124.3	1148.9	1041.2	951.5	866.2	771.9
80°	471.2	511.6	561.0	612.6	623.8	639.5	599.2	558.8	511.6	455.5	412.9
82.5°	276.0	302.9	327.6	368.0	374.8	379.2	343.3	325.4	287.2	253.6	226.6
85°	134.6	143.6	166.1	186.3	177.3	172.8	157.1	139.1	123.4	110.0	96.5
87.5°	26.9	26.9	40.4	38.1	31.4	26.9	15.7	20.2	4.5	4.5	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°	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4
2.5°	4609.2	4647.4	4694.5	4757.3	4829.2	4905.4	4979.5	5035.6	5091.7	5174.7	5161.3
5°	4373.6	4438.7	4512.7	4609.2	4725.9	4858.3	5006.4	5154.5	5313.9	5448.5	5506.8
7.5°	4236.7	4308.5	4396.1	4521.7	4672.1	4833.6	5042.3	5282.4	5540.5	5717.8	5827.7
10°	4236.7	4328.7	4443.2	4564.4	4696.8	4862.8	5120.9	5421.6	5753.7	5987.1	6115.0
12.5°	4481.3	4573.3	4598.0	4593.5	4667.6	4851.6	5183.7	5567.4	5964.6	6211.5	6368.6
15°	4862.8	4894.2	4708.0	4537.4	4548.6	4770.8	5212.9	5684.1	6146.4	6442.6	6613.2
17.5°	5118.6	5035.6	4703.5	4405.0	4342.2	4633.9	5212.9	5796.3	6339.4	6673.7	6833.1
20°	5138.8	4932.4	4589.0	4277.1	4115.5	4452.2	5177.0	5881.6	6525.6	6895.9	7066.4
22.5°	4961.5	4757.3	4467.9	4167.2	3929.3	4232.2	5118.6	5946.7	6685.0	7104.6	7315.5
25°	4759.6	4589.0	4344.4	4055.0	3801.4	4010.1	5064.8	6056.6	6907.1	7387.3	7600.5
27.5°	4562.1	4418.5	4196.3	3960.7	3729.6	3817.1	5031.1	6218.2	7171.9	7789.0	7973.0
30°	4369.1	4239.0	4037.0	3871.0	3691.4	3691.4	5001.9	6404.5	7522.0	8240.1	8424.1
32.5°	4173.9	4050.5	3886.7	3783.4	3669.0	3642.1	4921.2	6579.5	7883.3	8733.8	8922.3
35°	3992.1	3868.7	3743.0	3700.4	3657.8	3603.9	4721.4	6716.4	8235.6	9310.5	9472.0
37.5°	3821.6	3702.6	3608.4	3597.2	3601.7	3500.7	4407.3	6830.8	8675.4	9900.7	9985.9
40°	3673.5	3541.1	3467.0	3464.8	3487.2	3334.6	4010.1	6994.6	9178.1	10401.1	10365.2
42.5°	3541.1	3401.9	3312.2	3332.4	3318.9	3168.6	3621.9	7145.0	9615.7	10870.1	10798.3
45°	3410.9	3276.3	3150.6	3179.8	3164.1	3065.3	3292.0	7254.9	10100.4	11433.3	11442.3
47.5°	3285.3	3152.9	3027.2	2991.3	2989.0	3033.9	3038.4	7290.9	10890.3	12339.9	12135.7
50°	3168.6	3036.2	2906.0	2784.8	2832.0	2971.1	2849.9	7263.9	12072.9	13340.8	12770.8
52.5°	3047.4	2921.7	2778.1	2560.4	2683.9	2820.7	2681.6	7167.4	12795.5	14224.9	13883.8
55°	2908.3	2789.3	2594.1	2329.3	2479.7	2508.8	2508.8	6233.9	13102.9	15100.1	15311.0
57.5°	2722.0	2564.9	2255.2	2042.1	2176.7	2064.5	2324.8	4362.4	12595.7	14824.1	15643.1
60°	2511.1	2342.8	2015.1	1862.5	1902.9	1705.5	1981.5	2735.5	10439.2	12613.7	14031.9
62.5°	2232.8	2078.0	1806.4	1687.5	1604.5	1391.3	1595.5	1730.1	7156.2	9366.6	10333.8
65°	2046.6	1876.0	1633.7	1476.6	1306.0	1119.8	1059.2	1135.5	3848.5	5242.1	5895.1
67.5°	1826.6	1658.3	1429.4	1232.0	1095.1	960.4	855.0	828.0	1319.5	1745.9	1889.5
70°	1617.9	1456.4	1265.6	1081.6	944.7	812.3	709.1	635.1	610.4	605.9	596.9
72.5°	1404.8	1254.4	1095.1	924.5	774.2	653.0	561.0	475.7	439.8	428.6	417.4
75°	1151.2	1032.3	872.9	688.9	567.7	455.5	383.7	327.6	296.2	285.0	271.5
77.5°	740.5	686.7	547.5	444.3	343.3	271.5	233.4	197.5	177.3	172.8	161.6
80°	394.9	368.0	302.9	255.8	204.2	166.1	145.9	125.7	114.4	110.0	105.5
82.5°	219.9	199.7	168.3	148.1	118.9	101.0	89.8	80.8	74.1	71.8	69.6
85°	98.7	85.3	67.3	62.8	56.1	51.6	49.4	44.9	42.6	40.4	38.1
87.5°	4.5	9.0	11.2	9.0	9.0	13.5	15.7	15.7	13.5	13.5	11.2
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: P638315

CATALOG NUMBER: GWS-SA4E-750-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4	4914.4
2.5°	5244.3	5311.6	5318.3	5340.8	5311.6	5304.9	5257.8	5230.8	5206.1	5199.4
5°	5652.7	5787.4	5841.2	5879.4	5843.5	5825.5	5722.3	5614.6	5554.0	5524.8
7.5°	6072.3	6274.3	6379.8	6426.9	6431.4	6350.6	6173.3	5971.4	5870.4	5832.2
10°	6447.1	6696.2	6835.3	6925.1	6893.7	6794.9	6552.6	6278.8	6150.9	6117.2
12.5°	6725.4	6963.2	7070.9	7129.3	7127.0	7073.2	6844.3	6548.1	6402.2	6368.6
15°	6904.9	7046.3	7053.0	7066.4	7104.6	7176.4	7057.5	6783.7	6622.1	6575.0
17.5°	7046.3	6990.2	6884.7	6848.8	6934.0	7133.8	7205.6	6983.4	6808.4	6768.0
20°	7136.0	6853.3	6667.0	6597.4	6696.2	7021.6	7295.3	7162.9	6981.2	6929.6
22.5°	7205.6	6725.4	6424.7	6377.5	6480.8	6900.4	7387.3	7376.1	7176.4	7104.6
25°	7315.5	6640.1	6254.1	6220.4	6316.9	6842.0	7510.8	7665.6	7488.3	7385.1
27.5°	7488.3	6631.1	6166.6	6155.4	6287.8	6893.7	7688.0	8089.7	7867.6	7791.3
30°	7728.4	6716.4	6186.8	6209.2	6370.8	7079.9	7964.1	8574.4	8352.3	8233.3
32.5°	8074.0	6945.3	6494.2	6590.7	6709.6	7378.4	8368.0	9099.5	8931.2	8756.2
35°	8529.6	7573.6	7403.1	7813.7	7701.5	8031.4	8854.9	9736.8	9532.6	9380.0
37.5°	9137.7	8861.7	9018.8	9584.2	9312.7	9265.6	9449.6	10315.8	10203.6	10051.0
40°	9990.4	10046.5	10336.0	11078.8	10686.1	10383.1	10178.9	10751.1	10789.3	10600.8
42.5°	10555.9	10814.0	11511.9	12355.6	11814.8	11090.0	10789.3	11307.7	11309.9	11139.4
45°	10766.9	11442.3	12900.9	13872.6	12968.2	11493.9	11125.9	12063.9	12041.5	11846.2
47.5°	10690.6	11971.9	14343.8	15829.4	14449.3	11781.2	11078.8	13141.0	13322.8	13026.6
50°	10531.2	12503.7	16029.1	18226.0	16267.0	12086.3	11007.0	14334.9	14635.6	14406.7
52.5°	10692.8	13096.2	18021.8	20703.4	18546.9	12573.3	11491.7	15867.5	15813.7	15537.7
55°	11204.4	13796.3	20443.1	23815.9	21051.2	13396.9	12737.1	17328.4	16780.8	16451.0
57.5°	11179.8	14296.7	22566.0	26277.6	23230.2	14072.3	13170.2	17483.2	16376.9	15959.5
60°	10147.5	14067.8	23373.8	27834.9	23887.7	13699.8	11745.2	15616.2	13818.7	13381.1
62.5°	7573.6	12483.5	21807.5	25884.9	22027.4	11832.8	8832.5	11208.9	9929.8	9191.5
65°	4844.9	9766.0	18333.7	20970.5	18156.4	9050.2	5260.0	6009.5	4708.0	4497.0
67.5°	2062.3	6893.7	14251.8	14016.2	13583.1	5863.6	2030.8	1692.0	1261.1	1238.7
70°	682.2	4690.0	8785.4	9348.6	8112.2	4039.3	671.0	567.7	565.5	545.3
72.5°	446.6	2517.8	4945.8	5506.8	5219.6	2324.8	406.2	379.2	388.2	379.2
75°	267.0	547.5	832.5	1081.6	832.5	390.5	244.6	240.1	244.6	233.4
77.5°	157.1	152.6	148.1	148.1	145.9	134.6	123.4	118.9	121.2	123.4
80°	101.0	96.5	92.0	89.8	78.5	74.1	69.6	65.1	65.1	67.3
82.5°	65.1	60.6	56.1	49.4	40.4	33.7	31.4	26.9	26.9	29.2
85°	33.7	26.9	20.2	15.7	9.0	4.5	0.0	0.0	0.0	0.0
87.5°	6.7	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)