

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: P643322

Luminaire Tested: GWS-SA6E-760-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P643322  
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-760-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

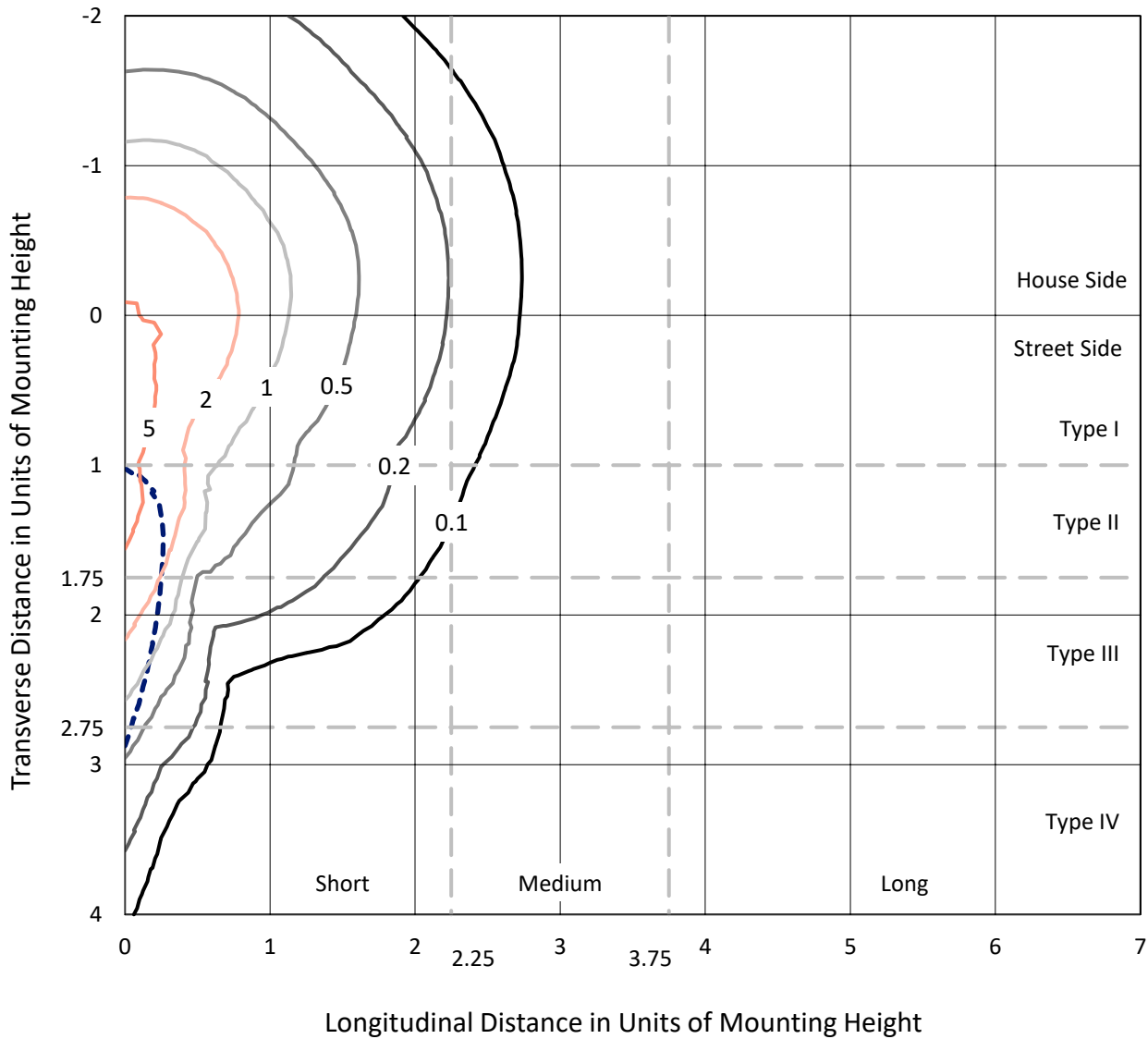
Lumens per Lamp: N/A  
Luminaire Lumens: 42328.3 lumens  
Efficiency: N/A  
Efficacy: 130.7 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 323.8  
Input Voltage (V): 120  
Input Current (Ain): 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

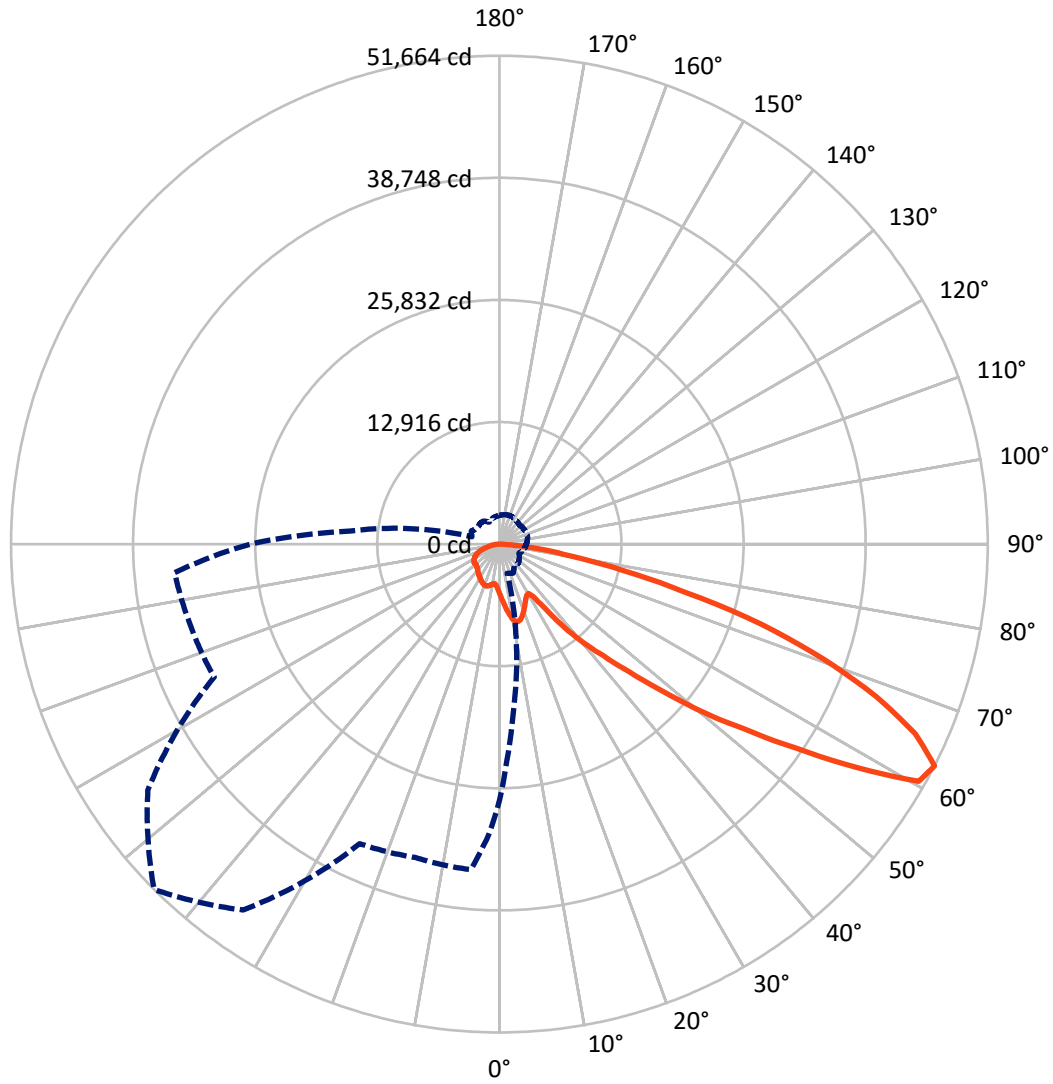
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.8 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	10120.7	0.0	10120.7
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	32207.6	0.0	32207.6
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	42328.3	0.0	42328.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	519.9	1.2
10°-20°	1689.7	4.0
20°-30°	2660.0	6.3
30°-40°	3646.0	8.6
40°-50°	5688.9	13.4
50°-60°	9808.8	23.2
60°-70°	11367.1	26.9
70°-80°	6000.1	14.2
80°-90°	947.8	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°	42328.3	100.0
0°-180°	42328.3	100.0

**Coefficient of Utilization**



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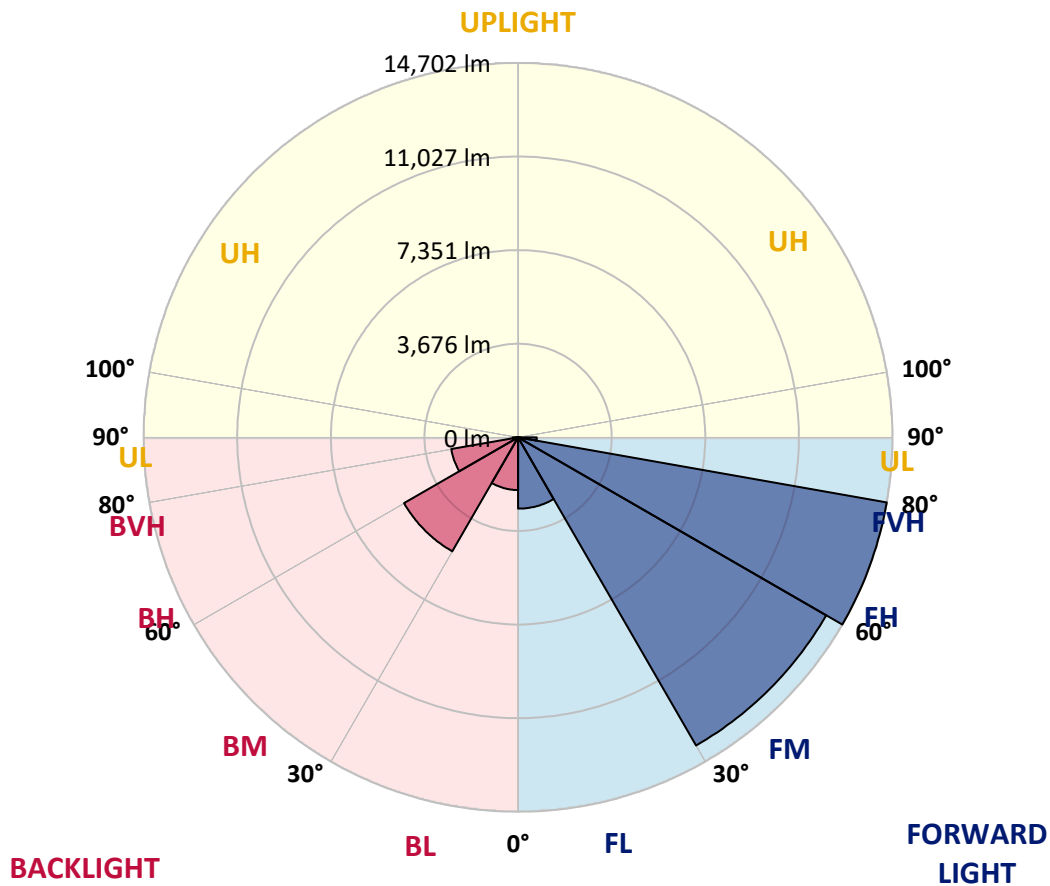
CATALOG NUMBER: GWS-SA6E-760-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2799.5	6.6			
FM (30°-60°)	13974.1	33.0			
FH (60°-80°)	14702.4	34.7			G5
FVH (80°-90°)	731.6	1.7			G4/750
BL (0°-30°)	2070.1	4.9	B3/2500		
BM (30°-60°)	5169.6	12.2	B4/8500		
BH (60°-80°)	2664.8	6.3	B4/5000		G4/5000
BVH (80°-90°)	216.2	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°	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5
2.5°	5734.0	5711.3	5678.9	5568.9	5500.9	5423.2	5342.2	5248.3	5141.5	5067.0	4992.5
5°	6219.6	6184.0	6106.3	5844.1	5662.7	5465.2	5300.1	5112.3	4927.8	4801.5	4675.2
7.5°	6685.9	6640.5	6520.7	6119.3	5824.6	5539.7	5290.4	5018.4	4743.2	4555.5	4406.5
10°	7152.1	7058.2	6906.0	6381.5	5993.0	5662.7	5377.8	5044.3	4678.5	4422.7	4264.1
12.5°	7508.2	7420.8	7255.7	6621.1	6161.4	5746.9	5426.4	5118.8	4808.0	4536.0	4374.1
15°	7841.7	7728.4	7540.6	6844.5	6300.6	5743.7	5329.3	5060.5	5015.2	4947.2	4736.8
17.5°	8081.3	7977.7	7783.4	7025.8	6378.3	5643.3	5060.5	4901.9	5105.9	5313.1	5112.3
20°	8291.8	8172.0	7974.5	7152.1	6394.5	5419.9	4733.5	4736.8	5057.3	5342.2	5293.7
22.5°	8469.8	8337.1	8162.3	7294.6	6388.0	5109.1	4448.6	4642.9	4963.4	5186.8	5193.3
25°	8690.0	8579.9	8434.2	7505.0	6388.0	4791.8	4241.4	4529.6	4804.8	4992.5	4986.1
27.5°	8958.7	8884.3	8764.5	7825.5	6446.3	4526.3	4124.8	4383.9	4600.8	4762.7	4759.4
30°	9259.8	9191.9	9101.2	8165.5	6546.6	4328.8	4060.1	4202.5	4361.2	4490.7	4490.7
32.5°	9567.4	9541.5	9444.4	8437.5	6468.9	4267.3	4005.0	4021.2	4105.4	4212.3	4202.5
35°	9994.8	9968.9	9845.9	8647.9	6132.2	4179.9	3917.6	3836.7	3846.4	3914.4	3937.1
37.5°	10619.7	10580.8	10399.5	8894.0	5623.9	3959.7	3775.2	3642.4	3613.3	3642.4	3684.5
40°	11374.1	11315.8	11069.7	9227.5	5037.9	3661.8	3551.8	3441.7	3393.1	3402.8	3451.4
42.5°	12319.5	12196.4	11843.5	9580.4	4458.3	3399.6	3302.5	3234.5	3179.4	3173.0	3266.8
45°	13854.1	13517.4	12957.3	9894.4	3969.4	3260.4	3079.1	3030.5	2985.2	3011.1	3121.1
47.5°	16535.0	15913.3	14822.2	10163.2	3671.6	3263.6	2901.0	2849.2	2845.9	2897.7	3020.8
50°	20219.5	19322.6	17639.0	10344.5	3516.1	3302.5	2794.1	2710.0	2771.5	2823.3	2939.8
52.5°	23748.6	22379.0	20374.9	10341.2	3448.2	3308.9	2823.3	2580.5	2771.5	2784.4	2894.5
55°	26762.9	24282.8	21113.1	9279.3	3351.0	3283.0	2936.6	2480.1	2735.9	2784.4	2871.8
57.5°	29158.8	25493.7	21058.0	7495.3	3645.7	3140.6	3004.6	2457.4	2632.3	2790.9	2891.3
60°	28893.3	24940.1	19701.4	4600.8	3616.5	2888.0	2994.9	2499.5	2457.4	2703.5	2868.6
62.5°	27128.7	22955.3	17367.1	3192.4	3396.4	2742.3	2836.2	2574.0	2295.5	2577.2	2758.5
65°	24658.4	20394.3	14472.6	2447.7	2813.6	2748.8	2567.5	2522.2	2153.1	2376.5	2570.7
67.5°	21391.5	17218.1	11425.9	1939.4	1962.1	2379.7	2331.1	2240.5	2020.3	2198.4	2373.2
70°	16081.7	12565.5	7861.2	1560.6	1486.1	1988.0	2094.8	2013.9	1890.8	1942.6	2127.2
72.5°	11332.0	8204.3	4306.2	1236.8	1146.1	1528.2	1819.6	1806.6	1670.7	1709.5	1890.8
75°	8421.3	5805.2	2690.5	977.8	932.5	1094.3	1525.0	1563.8	1450.5	1495.8	1635.0
77.5°	5604.5	3759.0	1495.8	725.2	725.2	799.7	1136.4	1317.7	1233.6	1269.2	1366.3
80°	3092.0	1913.5	747.9	475.9	488.9	550.4	828.9	948.6	951.9	1039.3	1065.2
82.5°	977.8	608.7	333.5	278.4	262.3	314.1	534.2	679.9	634.6	809.4	744.7
85°	223.4	142.5	61.5	61.5	68.0	103.6	204.0	362.6	463.0	556.9	404.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	142.5	210.5	187.8
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°	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5
2.5°	4947.2	4882.5	4863.0	4808.0	4801.5	4749.7	4730.3	4730.3	4753.0	4753.0	4775.6
5°	4623.4	4542.5	4497.2	4432.4	4416.2	4377.4	4351.5	4354.7	4383.9	4403.3	4442.1
7.5°	4338.5	4283.5	4251.1	4222.0	4215.5	4209.0	4179.9	4176.6	4186.4	4215.5	4244.6
10°	4218.7	4179.9	4189.6	4212.3	4247.9	4267.3	4241.4	4228.4	4218.7	4238.2	4264.1
12.5°	4335.3	4296.4	4315.9	4354.7	4403.3	4422.7	4413.0	4409.8	4419.5	4493.9	4549.0
15°	4591.1	4516.6	4490.7	4506.9	4545.7	4565.2	4555.5	4568.4	4629.9	4824.2	4963.4
17.5°	4908.4	4727.1	4623.4	4594.3	4610.5	4626.7	4626.7	4659.1	4765.9	5050.8	5225.7
20°	5080.0	4843.6	4668.8	4597.5	4604.0	4620.2	4620.2	4665.5	4785.3	5089.7	5203.0
22.5°	5034.6	4817.7	4604.0	4526.3	4529.6	4542.5	4542.5	4581.4	4688.2	4956.9	5008.7
25°	4856.6	4665.5	4455.1	4387.1	4393.6	4416.2	4409.8	4432.4	4513.4	4733.5	4762.7
27.5°	4642.9	4474.5	4267.3	4215.5	4244.6	4290.0	4251.1	4254.3	4328.8	4513.4	4516.6
30°	4413.0	4273.8	4089.2	4050.4	4105.4	4128.1	4092.5	4092.5	4166.9	4293.2	4290.0
32.5°	4163.7	4076.3	3943.5	3901.4	3963.0	3998.6	3953.2	3959.7	4018.0	4102.2	4069.8
35°	3930.6	3885.2	3823.7	3794.6	3833.4	3865.8	3836.7	3849.6	3904.7	3927.3	3882.0
37.5°	3707.2	3700.7	3707.2	3707.2	3716.9	3726.6	3707.2	3739.6	3788.1	3759.0	3707.2
40°	3512.9	3538.8	3600.3	3584.1	3574.4	3584.1	3571.2	3626.2	3674.8	3623.0	3561.5
42.5°	3351.0	3399.6	3493.5	3493.5	3474.1	3480.5	3474.1	3542.1	3577.7	3506.4	3438.4
45°	3211.8	3283.0	3402.8	3419.0	3386.6	3386.6	3399.6	3483.8	3496.7	3399.6	3328.4
47.5°	3114.7	3202.1	3338.1	3367.2	3318.6	3315.4	3351.0	3441.7	3441.7	3328.4	3247.4
50°	3046.7	3143.8	3305.7	3344.6	3296.0	3283.0	3341.3	3428.7	3409.3	3273.3	3192.4
52.5°	3001.4	3101.7	3302.5	3357.5	3325.1	3312.2	3370.5	3432.0	3383.4	3237.7	3153.5
55°	2972.2	3082.3	3312.2	3357.5	3321.9	3299.2	3357.5	3412.5	3386.6	3218.3	3137.3
57.5°	2988.4	3098.5	3299.2	3321.9	3279.8	3240.9	3308.9	3386.6	3376.9	3224.8	3143.8
60°	2962.5	3062.9	3228.0	3234.5	3163.2	3101.7	3202.1	3318.6	3318.6	3202.1	3130.9
62.5°	2842.7	2943.1	3088.8	3095.2	3014.3	2946.3	3062.9	3202.1	3198.9	3105.0	3030.5
65°	2645.2	2739.1	2904.2	2920.4	2839.5	2768.2	2888.0	3017.5	3027.3	2943.1	2878.3
67.5°	2428.3	2512.5	2635.5	2700.2	2632.3	2557.8	2667.9	2790.9	2787.7	2687.3	2619.3
70°	2169.3	2247.0	2360.3	2415.3	2373.2	2302.0	2402.4	2467.1	2438.0	2389.4	2344.1
72.5°	1913.5	1988.0	2094.8	2094.8	2049.5	1981.5	2010.6	2127.2	2162.8	2127.2	2098.0
75°	1644.8	1709.5	1784.0	1800.2	1699.8	1576.8	1712.7	1813.1	1855.2	1839.0	1803.4
77.5°	1369.6	1418.1	1528.2	1499.1	1311.3	1246.5	1356.6	1505.5	1534.7	1525.0	1476.4
80°	1055.5	1084.6	1201.2	1142.9	997.2	955.1	1003.7	1120.2	1126.7	1094.3	1032.8
82.5°	709.1	747.9	825.6	712.3	709.1	670.2	631.4	644.3	702.6	696.1	654.0
85°	362.6	382.0	456.5	427.4	365.9	317.3	301.1	320.5	288.2	262.3	226.6
87.5°	152.2	165.1	226.6	126.3	38.9	0.0	0.0	19.4	29.1	42.1	45.3
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°	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5
2.5°	4827.4	4863.0	4950.5	5060.5	5167.4	5277.5	5397.3	5471.7	5562.4	5678.9	5682.2
5°	4490.7	4571.6	4697.9	4866.3	5041.1	5241.8	5475.0	5669.2	5902.3	6086.9	6161.4
7.5°	4283.5	4400.0	4558.7	4772.4	5002.3	5251.6	5555.9	5882.9	6265.0	6511.0	6656.7
10°	4302.9	4481.0	4639.6	4820.9	5028.2	5296.9	5688.7	6122.5	6592.0	6915.7	7097.1
12.5°	4649.3	4837.1	4808.0	4798.3	4937.5	5264.5	5795.5	6365.3	6938.4	7262.2	7479.1
15°	5086.4	5157.7	4882.5	4675.2	4759.4	5148.0	5853.8	6582.3	7226.6	7621.6	7835.3
17.5°	5309.8	5167.4	4833.9	4523.1	4500.4	4969.9	5882.9	6802.4	7550.3	7945.3	8172.0
20°	5206.2	4999.0	4717.3	4422.7	4260.8	4727.1	5866.7	6977.3	7845.0	8285.3	8469.8
22.5°	4982.8	4801.5	4581.4	4299.7	4066.6	4461.6	5824.6	7152.1	8107.2	8550.8	8712.7
25°	4740.0	4604.0	4422.7	4176.6	3956.5	4228.4	5795.5	7385.2	8408.3	8832.5	8936.1
27.5°	4497.2	4396.8	4247.9	4056.8	3930.6	4066.6	5805.2	7689.6	8796.9	9198.3	9156.2
30°	4257.6	4170.2	4066.6	3982.4	3927.3	4027.7	5779.3	8013.3	9224.2	9596.6	9347.3
32.5°	4030.9	3950.0	3885.2	3898.2	3930.6	4043.9	5646.6	8308.0	9616.0	9933.3	9554.5
35°	3836.7	3752.5	3752.5	3797.8	3917.6	3988.9	5303.4	8537.8	10049.8	10367.1	9849.1
37.5°	3655.4	3580.9	3629.5	3703.9	3817.3	3839.9	4863.0	8761.2	10681.2	10979.1	10305.6
40°	3496.7	3422.3	3509.7	3603.6	3661.8	3652.1	4416.2	9072.1	11425.9	11733.5	10911.1
42.5°	3370.5	3302.5	3380.2	3500.0	3509.7	3519.4	4089.2	9369.9	12290.3	12682.1	11953.6
45°	3266.8	3218.3	3257.1	3376.9	3376.9	3525.9	3885.2	9619.2	13591.9	14284.8	13867.1
47.5°	3185.9	3156.8	3176.2	3215.0	3279.8	3642.4	3755.7	9810.3	15961.9	17321.7	16900.8
50°	3140.6	3111.4	3137.3	3056.4	3250.7	3700.7	3713.7	9955.9	19086.3	21216.7	20695.4
52.5°	3101.7	3092.0	3108.2	2920.4	3315.4	3661.8	3681.3	9761.7	21181.1	25050.1	25564.9
55°	3088.8	3095.2	3017.5	2820.0	3393.1	3532.3	3584.1	8372.7	21750.9	28355.8	31551.5
57.5°	3095.2	3075.8	2878.3	2829.8	3396.4	3273.3	3723.4	5973.6	20922.1	29793.4	37408.5
60°	3072.6	2975.5	2710.0	2917.2	3247.4	2969.0	3623.0	3895.0	18736.6	28689.3	37748.4
62.5°	2972.2	2829.8	2564.3	2965.7	2981.9	2787.7	3289.5	3001.4	15822.7	26325.8	34471.9
65°	2826.5	2635.5	2441.2	2865.4	2713.2	2703.5	2473.6	2405.6	12724.2	23512.2	31363.7
67.5°	2586.9	2395.9	2350.6	2635.5	2441.2	2395.9	1988.0	1994.4	10153.4	20514.1	28239.3
70°	2315.0	2123.9	2159.6	2383.0	2172.5	1991.2	1609.1	1660.9	7702.5	17091.9	24027.0
72.5°	2136.9	1881.1	1884.3	2098.0	1910.2	1612.4	1324.2	1369.6	4888.9	12882.8	19102.5
75°	1803.4	1657.7	1586.5	1699.8	1622.1	1256.2	1113.8	1104.1	2897.7	9233.9	14304.2
77.5°	1505.5	1392.2	1356.6	1401.9	1210.9	929.2	896.8	880.7	1641.5	5915.3	9373.2
80°	1091.1	1062.0	1058.7	1081.4	932.5	683.2	683.2	686.4	883.9	3211.8	5283.9
82.5°	692.9	757.6	670.2	744.7	634.6	485.7	453.3	514.8	508.3	1369.6	2227.5
85°	288.2	395.0	369.1	391.8	301.1	265.5	284.9	307.6	294.6	527.7	867.7
87.5°	55.0	64.8	71.2	68.0	68.0	84.2	93.9	113.3	113.3	152.2	262.3
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: P643322

CATALOG NUMBER: GWS-SA6E-760-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5	5277.5
2.5°	5805.2	5899.1	5879.7	5921.8	5866.7	5886.2	5776.1	5746.9	5727.5	5734.0
5°	6400.9	6592.0	6627.6	6698.8	6650.3	6650.3	6456.0	6310.3	6258.5	6219.6
7.5°	7006.4	7281.6	7462.9	7482.3	7456.4	7404.6	7123.0	6860.7	6766.8	6685.9
10°	7543.9	7874.1	8078.1	8175.2	8126.6	8045.7	7696.0	7336.6	7223.3	7152.1
12.5°	7955.0	8246.4	8382.4	8447.2	8440.7	8411.6	8126.6	7738.1	7618.3	7508.2
15°	8220.5	8366.2	8314.4	8311.2	8356.5	8473.1	8385.7	8081.3	7942.1	7841.7
17.5°	8392.1	8252.9	8023.0	7916.2	8013.3	8288.5	8489.3	8317.7	8191.4	8081.3
20°	8453.7	7958.3	7624.8	7427.3	7540.6	7938.9	8434.2	8489.3	8382.4	8291.8
22.5°	8382.4	7598.9	7145.6	6912.5	7022.6	7498.5	8272.3	8628.5	8557.3	8469.8
25°	8207.6	7223.3	6679.4	6468.9	6588.7	7074.4	7984.2	8758.0	8761.2	8690.0
27.5°	7990.7	6876.9	6352.4	6154.9	6271.4	6724.7	7702.5	8871.3	8984.6	8958.7
30°	7770.5	6669.7	6197.0	6057.7	6145.2	6546.6	7414.3	8987.9	9214.5	9259.8
32.5°	7670.1	6770.0	6562.8	6624.3	6511.0	6650.3	7310.7	9153.0	9493.0	9567.4
35°	7802.9	7660.4	8184.9	8427.8	8026.3	7498.5	7443.5	9402.3	9884.7	9994.8
37.5°	8447.2	9567.4	10350.9	11205.7	10509.6	9347.3	8100.7	9826.4	10444.8	10619.7
40°	9849.1	11231.6	12646.5	13750.5	12698.3	11134.5	9350.5	10457.8	11215.4	11374.1
42.5°	11170.1	12792.2	14741.3	16169.1	14802.8	12594.7	10697.4	11519.8	12232.1	12319.5
45°	12465.2	14323.6	17276.4	19261.1	17405.9	13983.7	12073.4	13313.5	13850.9	13854.1
47.5°	13983.7	16049.3	20455.8	23282.4	20860.5	15521.6	13365.3	16152.9	16900.8	16535.0
50°	15800.0	17765.3	23729.2	27960.8	25072.8	17412.4	15006.8	19614.0	20633.9	20219.5
52.5°	18231.5	19656.1	27336.0	32522.8	29663.9	19565.5	17386.5	24185.7	24522.4	23748.6
55°	21653.8	22385.5	31965.9	38156.4	34789.2	22217.1	20867.0	29922.9	28980.7	26762.9
57.5°	29446.9	26704.6	37910.3	44583.2	40587.9	27034.9	28495.1	36249.4	32898.3	29158.8
60°	35967.7	31949.7	43411.2	50961.5	45557.8	32344.7	35656.9	37350.2	32752.6	28893.3
62.5°	33769.3	33286.9	45395.9	51664.1	47254.3	34957.5	34326.2	34575.5	30615.8	27128.7
65°	29628.3	30706.4	43624.9	48332.5	45373.2	32616.7	31049.6	32011.2	28171.3	24658.4
67.5°	27183.8	27977.0	40474.6	43000.0	41954.2	30084.8	28501.5	27805.4	24376.7	21391.5
70°	24684.3	25341.5	36051.9	36307.6	36621.7	25875.8	23305.0	21232.9	18170.0	16081.7
72.5°	21330.0	21365.6	30460.3	28977.5	29573.2	20248.6	18759.3	15874.5	13226.0	11332.0
75°	17894.8	16917.0	24111.2	20255.1	21449.8	15751.4	15576.6	11963.3	9975.4	8421.3
77.5°	13643.7	12500.8	17613.1	13319.9	15065.1	10490.2	11710.8	8113.7	7019.3	5604.5
80°	9159.5	8447.2	9732.5	7518.0	9855.6	7229.8	7637.8	4597.5	3985.6	3092.0
82.5°	4830.7	4124.8	6015.7	4458.3	5944.4	3972.7	2865.4	1421.4	1210.9	977.8
85°	1871.4	2166.0	2949.6	1586.5	2305.2	1418.1	828.9	352.9	294.6	223.4
87.5°	362.6	560.1	307.6	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)