

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: P638260

Luminaire Tested: GWS-SA4E-740-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P638260
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-740-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) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23820.4 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

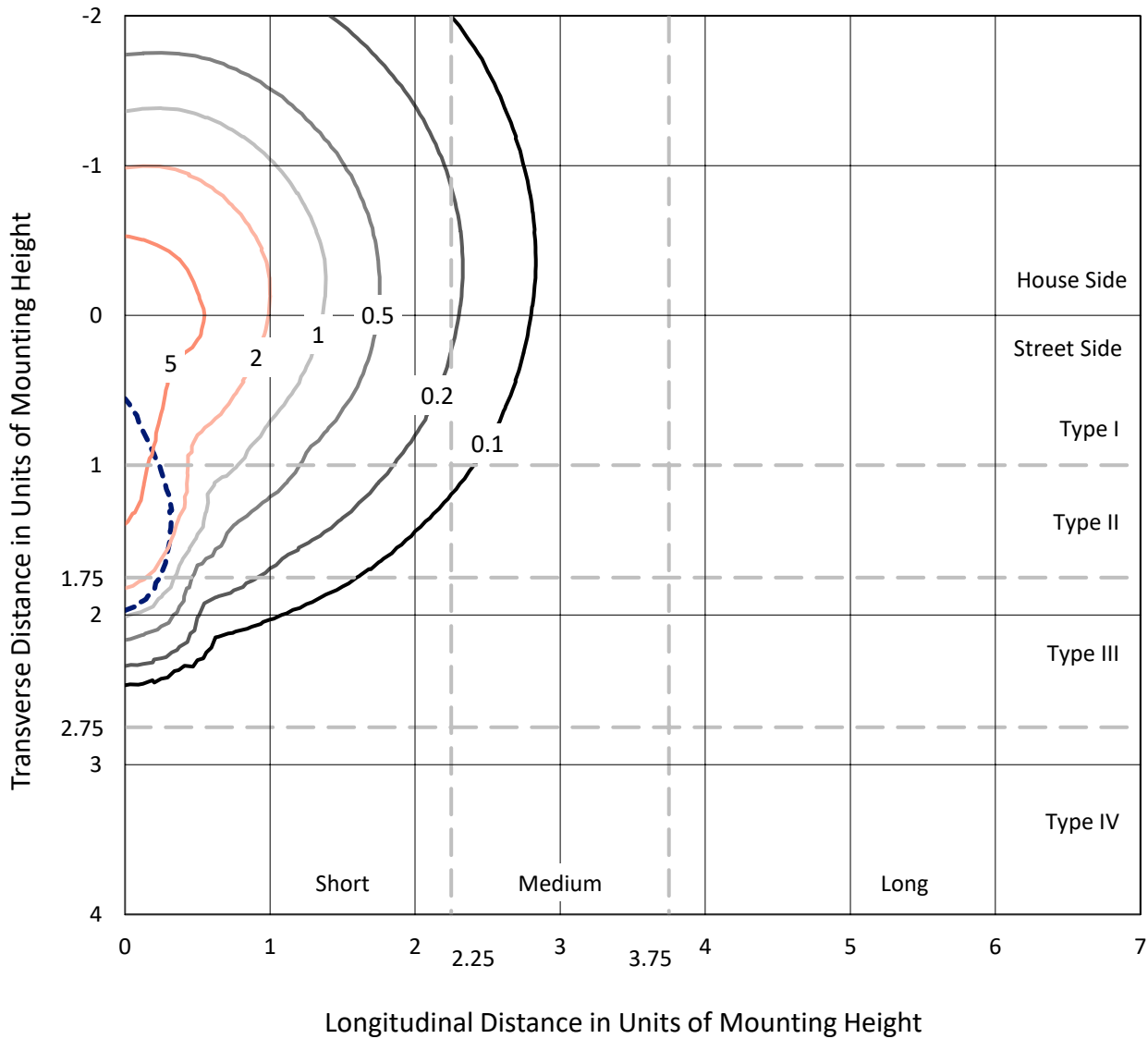
Input Watts (W): 202.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

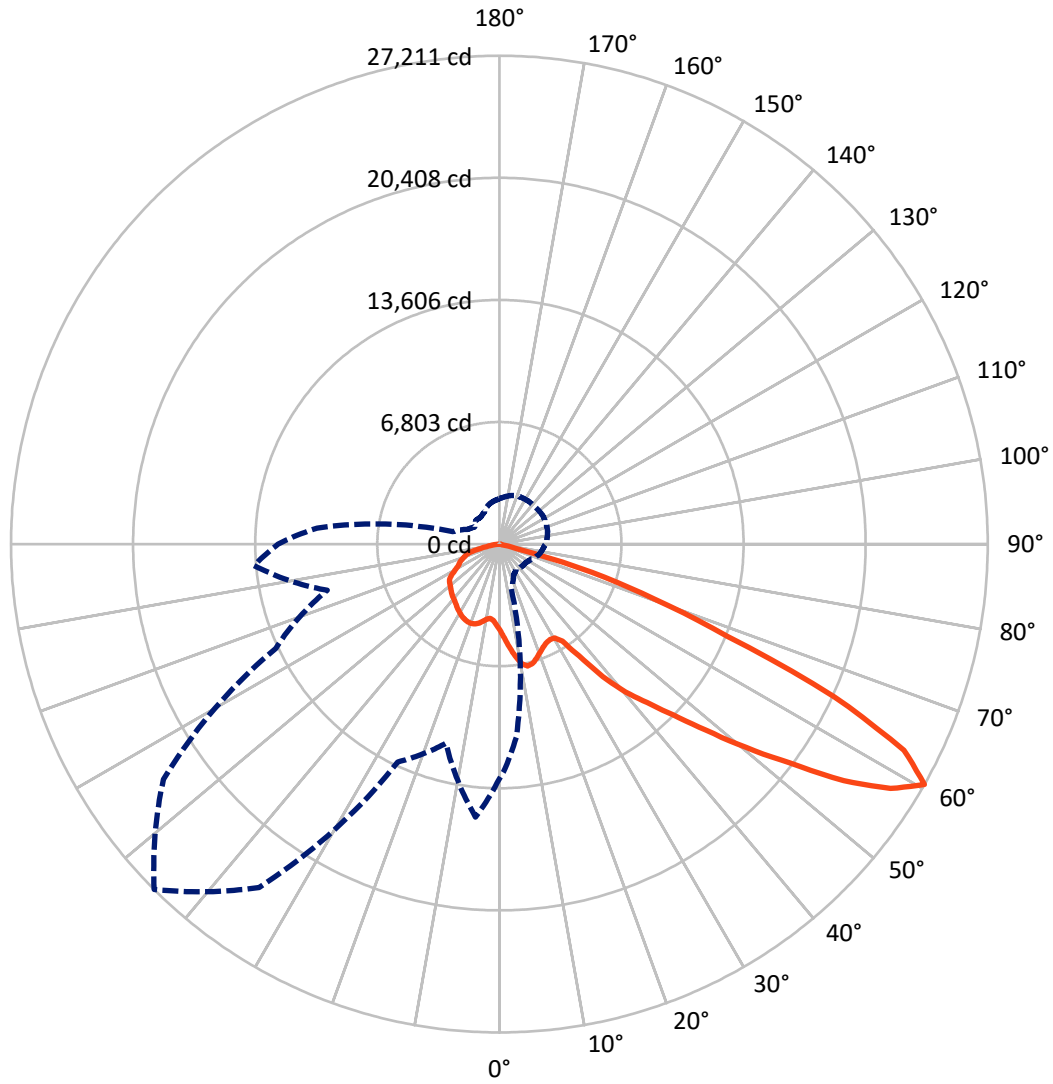
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.3 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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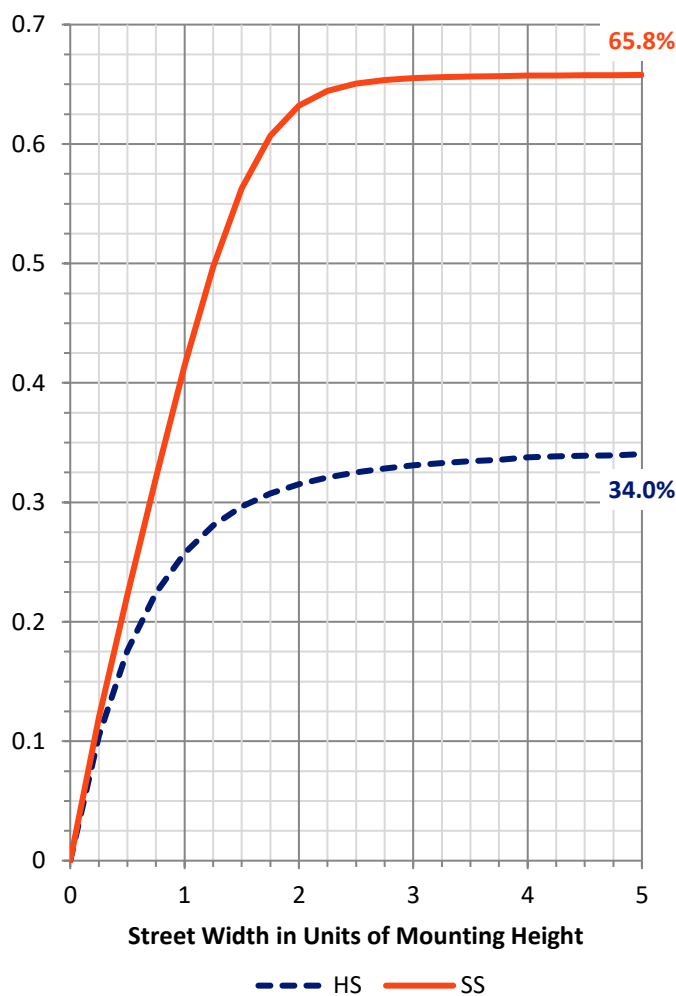
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8148.8	0.0	8148.8
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	15671.7	0.0	15671.7
	% Fixture	65.8	0.0	65.8
Total	Lumens	23820.4	0.0	23820.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	469.4	2.0
10°-20°	1505.5	6.3
20°-30°	2451.9	10.3
30°-40°	3444.4	14.5
40°-50°	4713.3	19.8
50°-60°	6046.9	25.4
60°-70°	4071.8	17.1
70°-80°	1017.9	4.3
80°-90°	99.2	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°	23820.4	100.0
0°-180°	23820.4	100.0

Coefficient of Utilization



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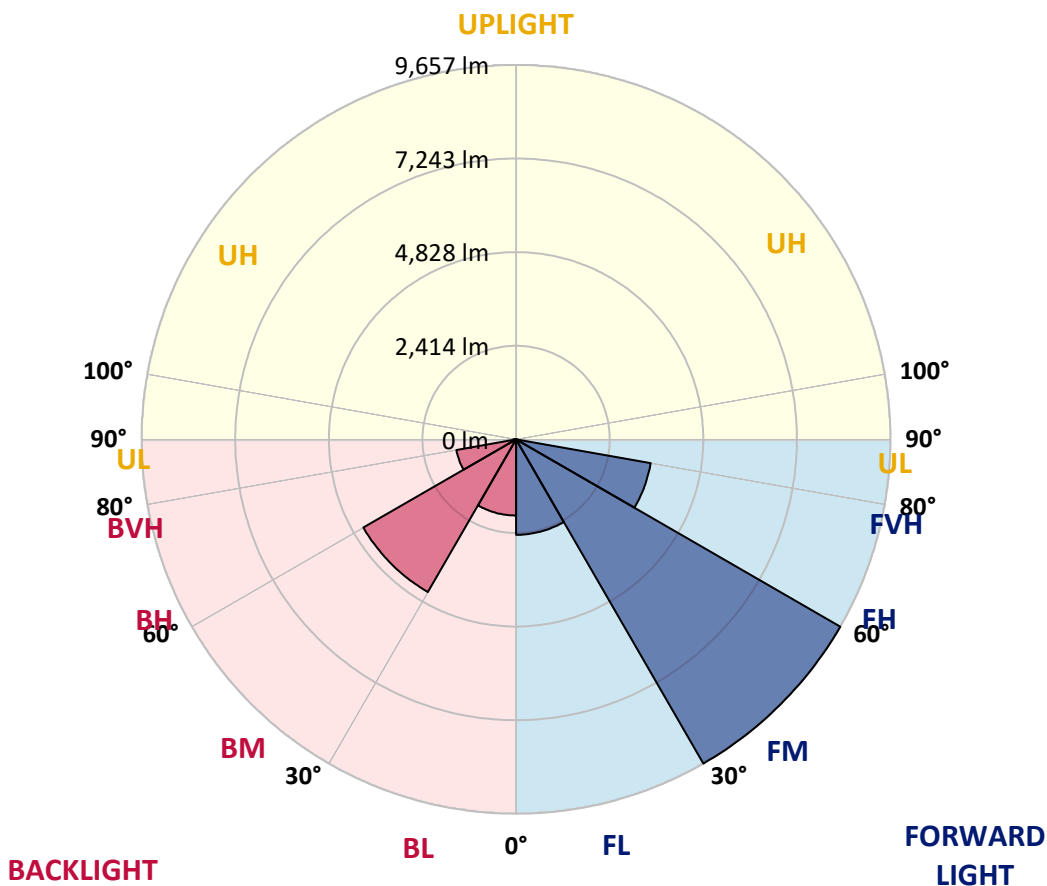
CATALOG NUMBER: GWS-SA4E-740-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2462.5	10.3			
FM (30°-60°)	9657.0	40.5			
FH (60°-80°)	3526.4	14.8			G2/5000
FVH (80°-90°)	25.8	0.1			G1/100
BL (0°-30°)	1964.3	8.2	B3/2500		
BM (30°-60°)	4547.7	19.1	B3/5000		
BH (60°-80°)	1563.3	6.6	B3/2500		G3/2500
BVH (80°-90°)	73.5	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°	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3
2.5°	5082.9	5072.0	5061.0	4975.4	4953.5	4892.1	4848.2	4793.4	4714.4	4670.5	4633.2
5°	5401.0	5383.5	5324.2	5148.7	5034.7	4909.6	4806.5	4692.4	4571.8	4492.8	4431.4
7.5°	5701.6	5697.2	5596.3	5306.7	5122.4	4942.5	4802.1	4635.4	4462.1	4343.6	4264.7
10°	5980.2	5947.3	5826.6	5449.3	5208.0	5001.8	4850.4	4666.1	4464.3	4304.1	4198.8
12.5°	6225.9	6184.2	6017.5	5580.9	5282.6	5028.1	4863.6	4712.2	4578.4	4444.5	4323.9
15°	6427.7	6377.2	6208.3	5703.8	5348.4	5012.7	4782.4	4663.9	4710.0	4769.2	4635.4
17.5°	6616.4	6563.7	6357.5	5793.7	5368.1	4918.4	4582.8	4532.3	4764.8	5034.7	4973.2
20°	6774.3	6715.1	6476.0	5837.6	5333.0	4738.5	4323.9	4411.6	4718.8	5041.2	5140.0
22.5°	6945.4	6897.2	6609.8	5901.2	5289.1	4490.6	4106.7	4321.7	4639.8	4922.8	5072.0
25°	7219.6	7160.4	6818.2	6013.1	5267.2	4258.1	3951.0	4233.9	4530.1	4786.8	4903.0
27.5°	7616.7	7507.0	7103.4	6208.3	5291.3	4038.7	3852.2	4126.5	4402.9	4622.2	4716.6
30°	8048.9	7917.3	7419.3	6410.1	5326.4	3904.9	3799.6	4003.6	4207.6	4427.0	4530.1
32.5°	8560.0	8443.8	7757.1	6561.5	5251.8	3843.5	3760.1	3869.8	4032.1	4207.6	4293.2
35°	9169.9	8961.5	8125.7	6684.4	5010.5	3753.5	3725.0	3722.8	3808.4	3979.5	4076.0
37.5°	9825.8	9602.1	8579.8	6816.0	4635.4	3610.9	3641.6	3549.5	3628.5	3764.5	3874.2
40°	10363.3	10128.6	9038.3	6995.9	4165.9	3387.2	3457.4	3358.6	3406.9	3547.3	3670.2
42.5°	10889.8	10639.7	9466.0	7199.9	3711.8	3167.8	3202.9	3165.6	3180.9	3327.9	3499.0
45°	11580.8	11300.0	9992.5	7344.7	3303.8	2994.5	2961.6	2897.9	2979.1	3170.0	3352.1
47.5°	12734.7	12399.1	10854.7	7439.0	3007.6	2895.8	2744.4	2707.1	2808.0	3020.8	3209.5
50°	14083.9	13794.3	12232.4	7434.6	2786.1	2812.4	2533.8	2500.9	2667.6	2882.6	3082.2
52.5°	15189.6	14895.6	13410.4	7215.3	2604.0	2634.7	2410.9	2318.8	2546.9	2746.6	2946.2
55°	16082.4	15751.2	13952.3	6298.3	2373.6	2351.7	2277.1	2108.2	2395.6	2610.6	2797.0
57.5°	15602.0	15207.1	13296.3	4789.0	2136.7	1998.5	2046.8	1921.7	2189.4	2459.2	2639.1
60°	13081.4	12726.0	10802.0	2549.1	1880.0	1669.4	1770.4	1790.1	1963.4	2277.1	2461.4
62.5°	8985.6	8726.8	7320.6	1546.6	1483.0	1340.4	1498.3	1640.9	1770.4	2035.8	2195.9
65°	4396.3	4319.5	3661.4	991.6	1037.6	1083.7	1241.7	1415.0	1605.8	1838.4	2007.3
67.5°	1211.0	1219.7	1110.0	774.4	818.3	945.5	1070.6	1208.8	1399.6	1614.6	1785.7
70°	533.1	541.9	559.4	596.7	680.1	796.3	925.8	1068.4	1243.9	1423.7	1588.3
72.5°	370.7	379.5	405.8	454.1	528.7	638.4	761.2	897.2	1079.3	1230.7	1366.7
75°	228.2	234.7	258.9	300.5	351.0	434.4	555.0	680.1	840.2	978.4	1099.1
77.5°	120.7	116.3	131.6	160.1	204.0	247.9	329.1	408.0	522.1	634.0	734.9
80°	65.8	63.6	72.4	87.8	100.9	136.0	190.9	243.5	309.3	372.9	427.8
82.5°	28.5	26.3	28.5	37.3	46.1	65.8	96.5	133.8	171.1	215.0	250.1
85°	0.0	0.0	0.0	2.2	11.0	17.6	32.9	48.3	70.2	96.5	118.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	19.7
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°	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3
2.5°	4611.3	4556.4	4552.0	4508.2	4512.6	4514.7	4470.9	4453.3	4468.7	4486.2	4477.5
5°	4409.4	4352.4	4328.3	4286.6	4282.2	4262.5	4244.9	4223.0	4238.3	4253.7	4262.5
7.5°	4233.9	4196.7	4181.3	4170.3	4174.7	4165.9	4130.8	4111.1	4108.9	4115.5	4124.3
10°	4176.9	4146.2	4165.9	4196.7	4218.6	4233.9	4196.7	4163.7	4133.0	4119.9	4119.9
12.5°	4299.8	4260.3	4299.8	4332.7	4376.5	4387.5	4345.8	4310.7	4299.8	4312.9	4339.2
15°	4571.8	4479.6	4477.5	4497.2	4532.3	4549.8	4510.4	4492.8	4492.8	4576.2	4642.0
17.5°	4843.8	4692.4	4628.8	4617.9	4639.8	4646.4	4613.5	4598.1	4637.6	4799.9	4922.8
20°	5034.7	4850.4	4712.2	4685.9	4692.4	4694.6	4668.3	4657.3	4714.4	4911.8	5014.9
22.5°	5014.9	4878.9	4710.0	4677.1	4688.1	4683.7	4659.5	4655.1	4701.2	4872.3	4920.6
25°	4878.9	4773.6	4631.0	4609.1	4626.6	4624.4	4600.3	4589.3	4609.1	4723.2	4727.5
27.5°	4723.2	4631.0	4508.2	4501.6	4530.1	4545.5	4503.8	4470.9	4464.3	4541.1	4523.5
30°	4536.7	4468.7	4370.0	4374.3	4427.0	4435.8	4385.3	4337.1	4323.9	4365.6	4341.4
32.5°	4315.1	4293.2	4240.5	4251.5	4302.0	4319.5	4266.9	4216.4	4201.0	4214.2	4163.7
35°	4126.5	4117.7	4122.1	4141.8	4185.7	4198.8	4155.0	4115.5	4093.5	4047.5	3981.7
37.5°	3931.2	3955.3	4019.0	4056.3	4080.4	4076.0	4051.9	4023.3	3988.2	3902.7	3821.5
40°	3749.1	3810.6	3924.6	3966.3	3975.1	3977.3	3959.7	3935.6	3891.7	3777.6	3685.5
42.5°	3608.7	3676.7	3828.1	3891.7	3896.1	3900.5	3882.9	3863.2	3801.8	3650.4	3560.5
45°	3461.7	3551.7	3729.4	3806.2	3801.8	3799.6	3784.2	3775.5	3703.1	3527.6	3428.8
47.5°	3336.7	3442.0	3632.9	3698.7	3696.5	3694.3	3683.3	3683.3	3610.9	3420.1	3308.2
50°	3213.8	3334.5	3534.1	3589.0	3593.4	3589.0	3584.6	3591.2	3505.6	3301.6	3191.9
52.5°	3080.0	3216.0	3424.5	3474.9	3501.2	3512.2	3512.2	3496.8	3395.9	3183.1	3062.5
55°	2933.0	3062.5	3303.8	3371.8	3393.7	3413.5	3413.5	3382.8	3288.4	3073.4	2944.0
57.5°	2751.0	2865.0	3055.9	3123.9	3176.6	3189.7	3189.7	3139.3	3062.5	2856.3	2751.0
60°	2553.5	2652.2	2781.7	2854.1	2893.6	2867.2	2887.0	2873.8	2812.4	2621.5	2533.8
62.5°	2290.3	2391.2	2533.8	2608.4	2625.9	2599.6	2625.9	2623.7	2540.4	2369.3	2264.0
65°	2101.6	2200.3	2340.7	2437.3	2465.8	2459.2	2476.7	2450.4	2347.3	2185.0	2084.1
67.5°	1877.9	1983.2	2145.5	2253.0	2312.2	2318.8	2342.9	2288.1	2182.8	2005.1	1877.9
70°	1665.1	1755.0	1880.0	1981.0	2064.3	2106.0	2110.4	2031.4	1899.8	1752.8	1660.7
72.5°	1441.3	1533.4	1684.8	1794.5	1899.8	1948.1	1948.1	1851.5	1708.9	1546.6	1447.9
75°	1169.3	1254.8	1393.0	1511.5	1632.2	1693.6	1691.4	1608.0	1450.1	1296.5	1193.4
77.5°	791.9	855.6	943.3	1033.3	1050.8	1099.1	1123.2	1017.9	930.2	846.8	754.7
80°	460.7	500.2	548.4	598.9	609.9	625.2	585.7	546.2	500.2	445.3	403.7
82.5°	269.8	296.2	320.3	359.8	366.4	370.7	335.6	318.1	280.8	247.9	221.6
85°	131.6	140.4	162.3	182.1	173.3	168.9	153.6	136.0	120.7	107.5	94.3
87.5°	26.3	26.3	39.5	37.3	30.7	26.3	15.4	19.7	4.4	4.4	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°	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3
2.5°	4506.0	4543.3	4589.3	4650.8	4721.0	4795.5	4867.9	4922.8	4977.6	5058.8	5045.6
5°	4275.6	4339.2	4411.6	4506.0	4620.0	4749.5	4894.3	5039.1	5194.8	5326.4	5383.5
7.5°	4141.8	4212.0	4297.6	4420.4	4567.4	4725.3	4929.4	5164.1	5416.4	5589.7	5697.2
10°	4141.8	4231.8	4343.6	4462.1	4591.5	4753.9	5006.1	5300.1	5624.8	5852.9	5978.0
12.5°	4380.9	4470.9	4495.0	4490.6	4563.0	4742.9	5067.6	5442.7	5831.0	6072.3	6225.9
15°	4753.9	4784.6	4602.5	4435.8	4446.7	4663.9	5096.1	5556.8	6008.7	6298.3	6465.0
17.5°	5004.0	4922.8	4598.1	4306.3	4244.9	4530.1	5096.1	5666.5	6197.4	6524.2	6680.0
20°	5023.7	4821.9	4486.2	4181.3	4023.3	4352.4	5061.0	5749.8	6379.4	6741.4	6908.1
22.5°	4850.4	4650.8	4367.8	4073.8	3841.3	4137.4	5004.0	5813.4	6535.2	6945.4	7151.6
25°	4653.0	4486.2	4247.1	3964.1	3716.2	3920.2	4951.3	5920.9	6752.4	7221.8	7430.2
27.5°	4459.9	4319.5	4102.3	3872.0	3646.0	3731.6	4918.4	6078.9	7011.2	7614.5	7794.4
30°	4271.2	4144.0	3946.6	3784.2	3608.7	3608.7	4889.9	6261.0	7353.5	8055.5	8235.4
32.5°	4080.4	3959.7	3799.6	3698.7	3586.8	3560.5	4810.9	6432.1	7706.7	8538.1	8722.4
35°	3902.7	3782.0	3659.2	3617.5	3575.8	3523.2	4615.7	6565.9	8051.1	9101.9	9259.8
37.5°	3736.0	3619.7	3527.6	3516.6	3521.0	3422.3	4308.5	6677.8	8481.1	9678.8	9762.2
40°	3591.2	3461.7	3389.4	3387.2	3409.1	3259.9	3920.2	6837.9	8972.5	10168.1	10133.0
42.5°	3461.7	3325.7	3238.0	3257.7	3244.6	3097.6	3540.7	6984.9	9400.2	10626.5	10556.3
45°	3334.5	3202.9	3080.0	3108.5	3093.2	2996.7	3218.2	7092.4	9874.1	11177.2	11186.0
47.5°	3211.7	3082.2	2959.4	2924.3	2922.1	2966.0	2970.3	7127.5	10646.3	12063.5	11863.8
50°	3097.6	2968.1	2840.9	2722.4	2768.5	2904.5	2786.1	7101.2	11802.4	13041.9	12484.7
52.5°	2979.1	2856.3	2715.9	2503.1	2623.7	2757.5	2621.5	7006.9	12508.8	13906.2	13572.8
55°	2843.1	2726.8	2536.0	2277.1	2424.1	2452.6	2452.6	6094.2	12809.3	14761.8	14968.0
57.5°	2661.0	2507.5	2204.7	1996.3	2127.9	2018.3	2272.7	4264.7	12313.5	14491.9	15292.7
60°	2454.8	2290.3	1970.0	1820.8	1860.3	1667.3	1937.1	2674.2	10205.3	12331.1	13717.5
62.5°	2182.8	2031.4	1766.0	1649.7	1568.5	1360.1	1559.8	1691.4	6995.9	9156.7	10102.2
65°	2000.7	1834.0	1597.1	1443.5	1276.8	1094.7	1035.5	1110.0	3762.3	5124.6	5763.0
67.5°	1785.7	1621.2	1397.4	1204.4	1070.6	938.9	835.8	809.5	1289.9	1706.7	1847.1
70°	1581.7	1423.7	1237.3	1057.4	923.6	794.1	693.2	620.8	596.7	592.3	583.5
72.5°	1373.3	1226.3	1070.6	903.8	756.8	638.4	548.4	465.1	430.0	419.0	408.0
75°	1125.4	1009.1	853.4	673.5	555.0	445.3	375.1	320.3	289.6	278.6	265.4
77.5°	723.9	671.3	535.3	434.4	335.6	265.4	228.2	193.1	173.3	168.9	158.0
80°	386.1	359.8	296.2	250.1	199.6	162.3	142.6	122.9	111.9	107.5	103.1
82.5°	215.0	195.2	164.5	144.8	116.3	98.7	87.8	79.0	72.4	70.2	68.0
85°	96.5	83.4	65.8	61.4	54.8	50.5	48.3	43.9	41.7	39.5	37.3
87.5°	4.4	8.8	11.0	8.8	8.8	13.2	15.4	15.4	13.2	13.2	11.0
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: P638260

CATALOG NUMBER: GWS-SA4E-740-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3	4804.3
2.5°	5126.8	5192.6	5199.2	5221.1	5192.6	5186.0	5140.0	5113.6	5089.5	5082.9
5°	5526.1	5657.7	5710.3	5747.6	5712.5	5695.0	5594.1	5488.8	5429.5	5401.0
7.5°	5936.3	6133.7	6236.8	6282.9	6287.3	6208.3	6035.0	5837.6	5738.9	5701.6
10°	6302.7	6546.2	6682.2	6769.9	6739.2	6642.7	6405.8	6138.1	6013.1	5980.2
12.5°	6574.7	6807.2	6912.5	6969.6	6967.4	6914.7	6691.0	6401.4	6258.8	6225.9
15°	6750.2	6888.4	6895.0	6908.1	6945.4	7015.6	6899.4	6631.7	6473.8	6427.7
17.5°	6888.4	6833.5	6730.4	6695.3	6778.7	6973.9	7044.1	6827.0	6655.8	6616.4
20°	6976.1	6699.7	6517.6	6449.6	6546.2	6864.3	7131.9	7002.5	6824.8	6774.3
22.5°	7044.1	6574.7	6280.7	6234.6	6335.6	6745.8	7221.8	7210.9	7015.6	6945.4
25°	7151.6	6491.3	6114.0	6081.1	6175.4	6688.8	7342.5	7493.9	7320.6	7219.6
27.5°	7320.6	6482.5	6028.4	6017.5	6146.9	6739.2	7515.8	7908.5	7691.3	7616.7
30°	7555.3	6565.9	6048.2	6070.1	6228.1	6921.3	7785.6	8382.3	8165.2	8048.9
32.5°	7893.1	6789.7	6348.7	6443.1	6559.3	7213.1	8180.5	8895.7	8731.1	8560.0
35°	8338.5	7403.9	7237.2	7638.7	7529.0	7851.4	8656.6	9518.7	9319.1	9169.9
37.5°	8933.0	8663.1	8816.7	9369.5	9104.1	9058.0	9237.9	10084.7	9975.0	9825.8
40°	9766.6	9821.4	10104.4	10830.6	10446.7	10150.5	9950.9	10510.3	10547.6	10363.3
42.5°	10319.4	10571.7	11254.0	12078.8	11550.1	10841.5	10547.6	11054.3	11056.5	10889.8
45°	10525.6	11186.0	12611.9	13561.8	12677.7	11236.4	10876.6	11793.6	11771.7	11580.8
47.5°	10451.0	11703.7	14022.5	15474.7	14125.6	11517.2	10830.6	12846.6	13024.3	12734.7
50°	10295.3	12223.6	15670.0	17817.7	15902.5	11815.6	10760.4	14013.7	14307.7	14083.9
52.5°	10453.2	12802.7	17618.0	20239.6	18131.4	12291.6	11234.2	15512.0	15459.4	15189.6
55°	10953.4	13487.2	19985.1	23282.3	20579.6	13096.7	12451.7	16940.2	16404.9	16082.4
57.5°	10929.3	13976.4	22060.4	25688.9	22709.7	13757.0	12875.1	17091.5	16010.0	15602.0
60°	9920.2	13752.6	22850.1	27211.3	23352.5	13392.9	11482.1	15266.3	13509.1	13081.4
62.5°	7403.9	12203.9	21318.9	25305.0	21533.9	11567.7	8634.6	10957.8	9707.4	8985.6
65°	4736.3	9547.2	17923.0	20500.6	17749.7	8847.4	5142.2	5874.9	4602.5	4396.3
67.5°	2016.1	6739.2	13932.5	13702.2	13278.8	5732.3	1985.3	1654.1	1232.9	1211.0
70°	666.9	4584.9	8588.5	9139.2	7930.4	3948.8	655.9	555.0	552.8	533.1
72.5°	436.6	2461.4	4835.0	5383.5	5102.7	2272.7	397.1	370.7	379.5	370.7
75°	261.1	535.3	813.9	1057.4	813.9	381.7	239.1	234.7	239.1	228.2
77.5°	153.6	149.2	144.8	144.8	142.6	131.6	120.7	116.3	118.5	120.7
80°	98.7	94.3	89.9	87.8	76.8	72.4	68.0	63.6	63.6	65.8
82.5°	63.6	59.2	54.8	48.3	39.5	32.9	30.7	26.3	26.3	28.5
85°	32.9	26.3	19.7	15.4	8.8	4.4	0.0	0.0	0.0	0.0
87.5°	6.6	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)