

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: P636394

Luminaire Tested: GWS-SA3F-760-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P636394
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3F-760-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (48) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19300.2 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

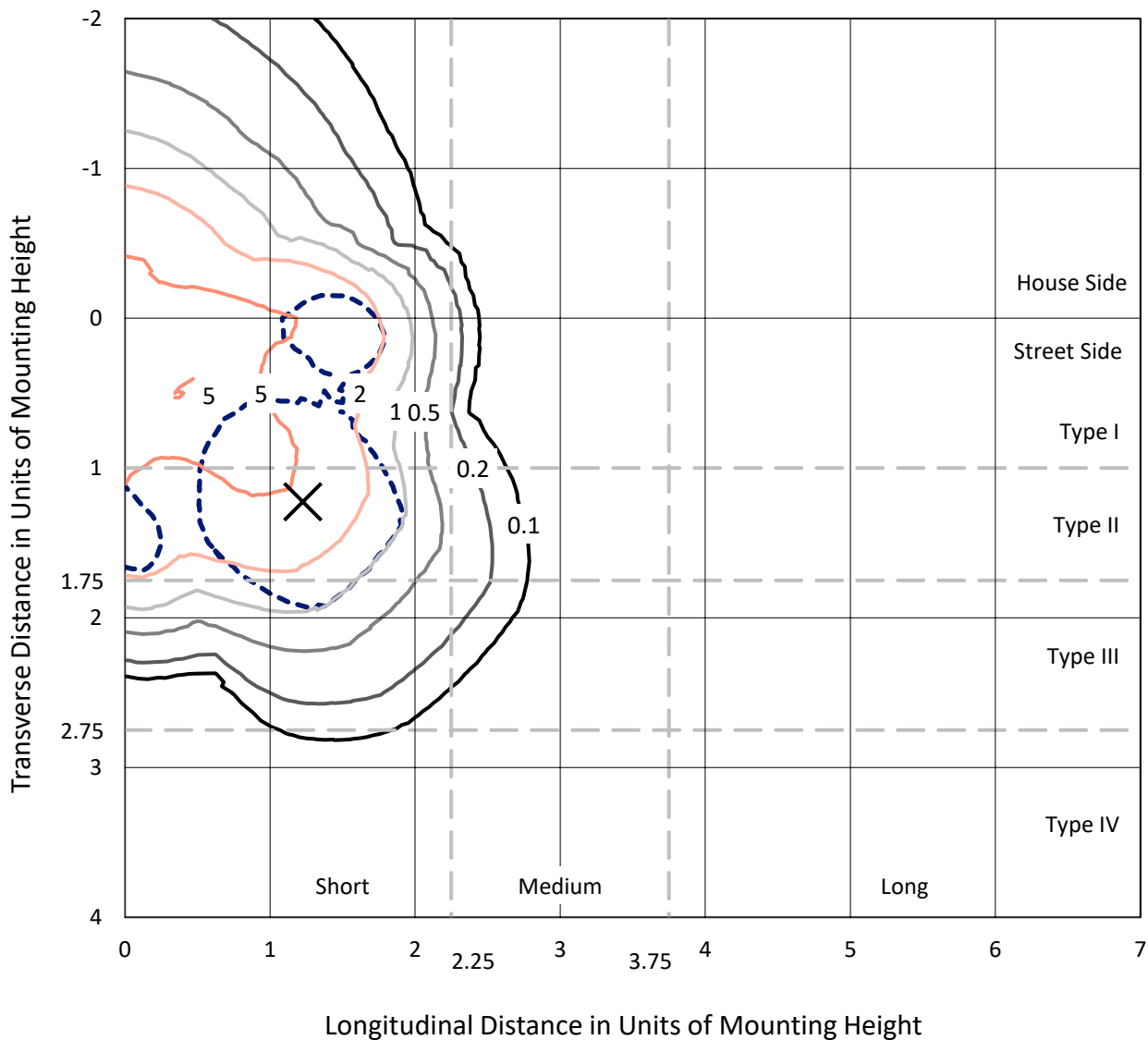
Input Watts (W): 183.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

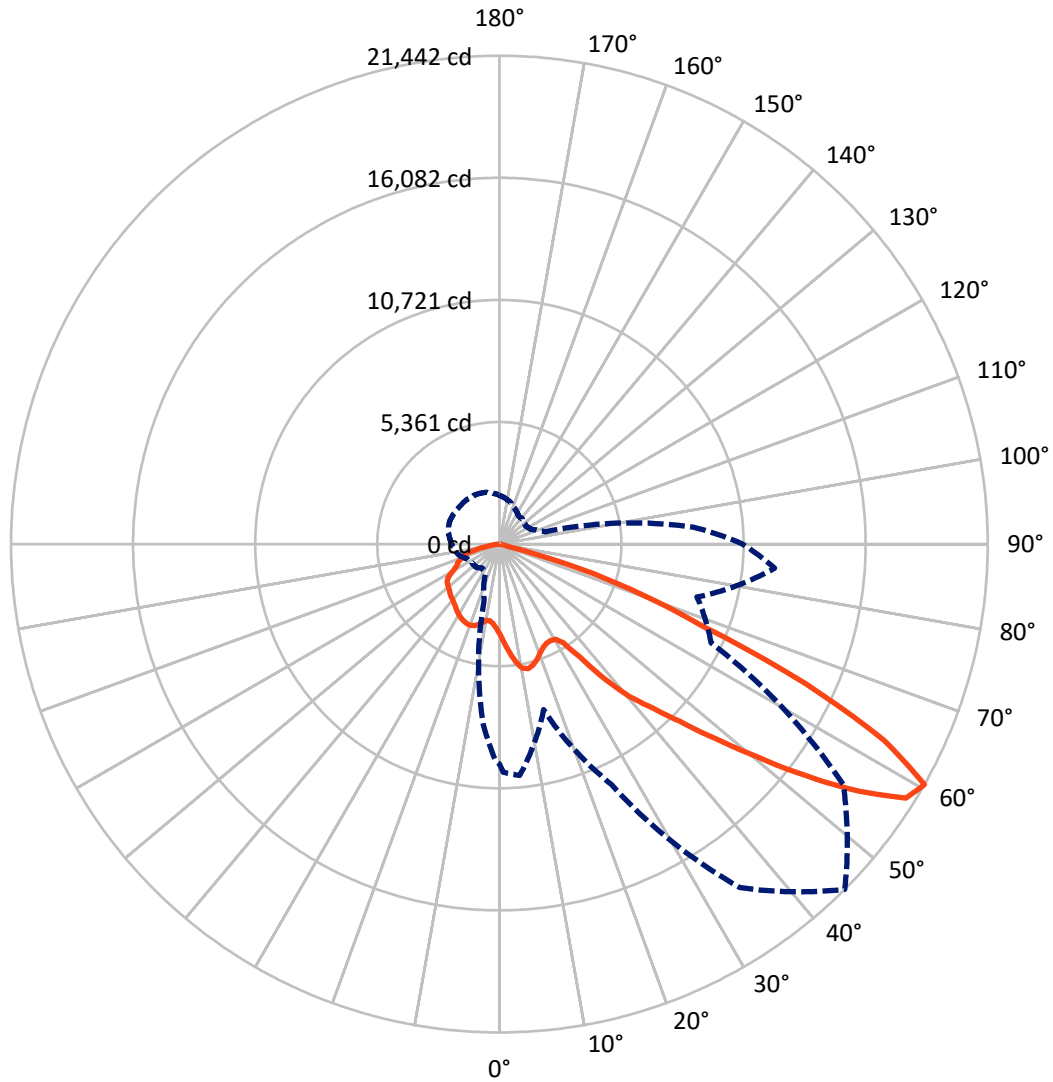
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6765.4	0.0	6765.4
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	12534.8	0.0	12534.8
	% Fixture	64.9	0.0	64.9
Total	Lumens	19300.2	0.0	19300.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	386.8	2.0
10°-20°	1222.4	6.3
20°-30°	1985.7	10.3
30°-40°	2800.3	14.5
40°-50°	3870.0	20.1
50°-60°	4981.8	25.8
60°-70°	3156.5	16.4
70°-80°	810.0	4.2
80°-90°	86.6	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°	19300.2	100.0
0°-180°	19300.2	100.0

Coefficient of Utilization



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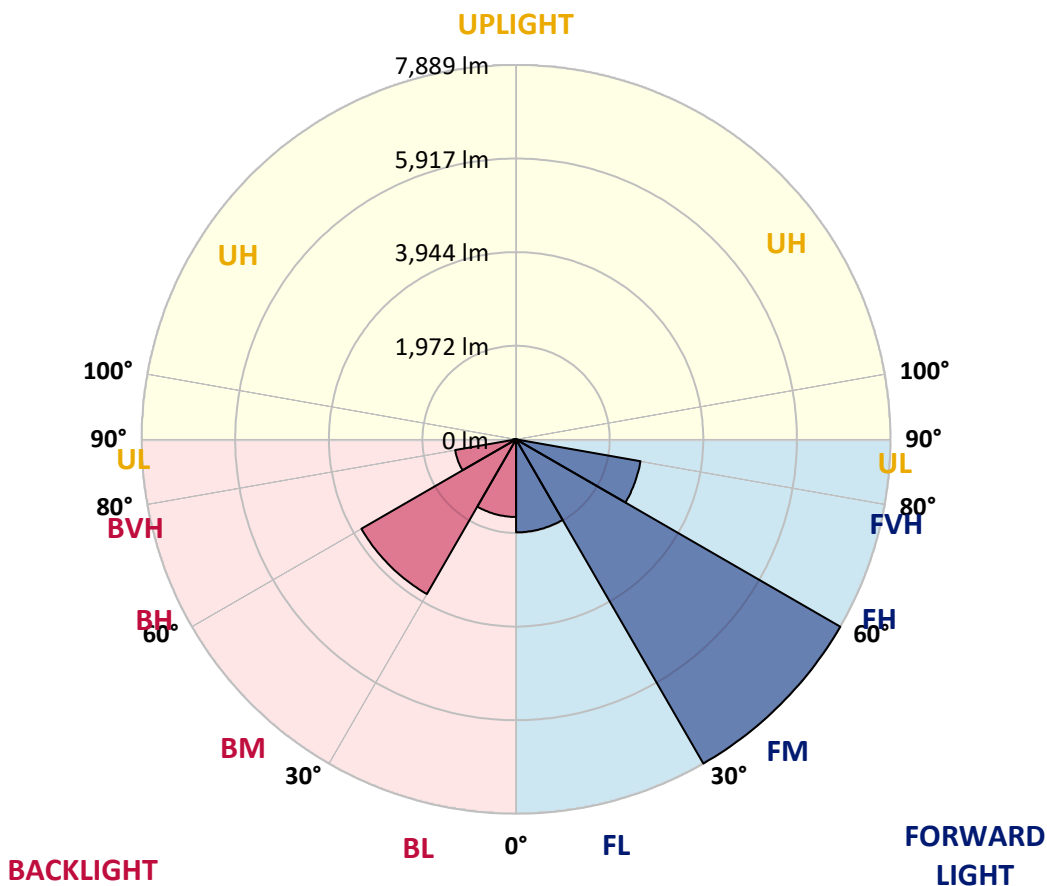
CATALOG NUMBER: GWS-SA3F-760-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1959.7	10.2			
FM (30°-60°)	7888.8	40.9			
FH (60°-80°)	2662.8	13.8			G2/5000
FVH (80°-90°)	23.5	0.1			G1/100
BL (0°-30°)	1635.2	8.5	B3/2500		
BM (30°-60°)	3763.4	19.5	B3/5000		
BH (60°-80°)	1303.8	6.8	B3/2500		G3/2500
BVH (80°-90°)	63.1	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°	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8
2.5°	4147.0	4175.3	4193.0	4226.6	4286.7	4320.3	4357.4	4316.7	4327.4	4322.1	4256.6
5°	4392.8	4426.4	4472.4	4571.4	4682.8	4744.7	4803.1	4794.2	4739.4	4647.4	4582.0
7.5°	4622.7	4661.6	4741.2	4902.1	5066.6	5162.1	5232.8	5186.8	5140.8	4995.8	4831.4
10°	4803.1	4826.1	4933.9	5149.7	5340.7	5448.5	5535.2	5524.6	5460.9	5298.2	5077.2
12.5°	4972.8	4988.7	5105.5	5321.2	5492.8	5540.5	5611.2	5634.2	5613.0	5491.0	5273.5
15°	5155.0	5185.0	5292.9	5457.4	5535.2	5485.7	5510.4	5574.1	5634.2	5634.2	5434.4
17.5°	5324.8	5351.3	5460.9	5531.7	5457.4	5326.5	5333.6	5414.9	5558.2	5708.5	5581.2
20°	5475.1	5499.8	5607.7	5540.5	5305.3	5114.3	5109.0	5208.0	5439.7	5756.2	5738.6
22.5°	5639.5	5674.9	5765.1	5547.6	5163.8	4921.5	4919.8	5022.3	5335.4	5804.0	5918.9
25°	5873.0	5927.8	5973.8	5609.5	5087.8	4796.0	4819.0	4916.2	5301.8	5881.8	6186.0
27.5°	6219.6	6263.8	6260.3	5738.6	5084.2	4744.7	4792.5	4905.6	5361.9	6019.7	6467.2
30°	6594.5	6617.5	6580.3	5918.9	5165.6	4776.5	4847.3	4981.7	5514.0	6247.9	6881.0
32.5°	7010.1	7038.4	6967.6	6189.5	5354.8	5011.7	5167.4	5232.8	5728.0	6576.8	7319.5
35°	7487.5	7542.4	7395.6	6546.7	5911.9	5869.4	6095.8	6010.9	6182.4	6965.9	7788.2
37.5°	7989.8	7991.5	7781.1	7075.5	7004.8	7077.3	7530.0	7264.7	7146.2	7399.1	8265.7
40°	8416.0	8405.4	8081.7	7788.2	7956.2	8244.4	8790.9	8384.1	8072.9	7980.9	8661.8
42.5°	8842.2	8803.3	8476.1	8240.9	8612.3	9204.7	9821.9	9323.2	8667.1	8509.7	9052.6
45°	9386.8	9374.5	8980.1	8421.3	9204.7	10279.9	11098.7	10290.5	9019.0	8817.4	9703.4
47.5°	10265.8	10205.6	9471.7	8407.1	9760.0	11712.3	12746.9	11509.0	9264.8	8824.5	10753.8
50°	11125.2	11050.9	10058.8	8405.4	10333.0	13197.8	14692.1	12989.1	9515.9	8866.9	11822.0
52.5°	11993.5	11993.5	11022.6	8605.2	10934.2	14856.6	16939.8	14833.6	9943.9	9422.2	13135.9
55°	12509.9	12647.8	12106.7	8943.0	11638.1	16809.0	19162.7	16824.9	10605.3	10424.9	14349.1
57.5°	11853.8	12112.0	12034.2	8707.8	12053.6	18243.2	21047.9	18335.1	10932.5	10543.4	14166.9
60°	9659.2	10018.2	10196.8	7519.4	11643.4	18409.4	21442.3	18434.1	10256.9	8978.3	12135.0
62.5°	6421.2	6716.5	6988.8	5372.5	10080.1	16561.4	18964.7	16566.7	8566.3	6700.6	8407.1
65°	3149.6	3368.9	3662.4	3176.1	7874.8	13838.0	14785.9	13387.0	6196.6	3750.8	4288.5
67.5°	824.1	886.0	926.7	1232.6	5641.3	9942.1	9643.3	9791.8	3980.7	1225.5	1121.2
70°	428.0	431.5	429.7	509.3	3812.7	6318.6	6645.8	6148.8	2778.2	512.8	442.1
72.5°	305.9	307.7	302.4	343.1	1840.9	3620.0	3750.8	3710.2	1455.4	304.2	302.4
75°	199.8	201.6	198.1	201.6	277.6	412.0	380.2	399.7	242.3	192.8	192.8
77.5°	118.5	120.3	118.5	122.0	118.5	118.5	109.6	109.6	104.3	104.3	106.1
80°	79.6	79.6	77.8	81.3	74.3	74.3	70.7	69.0	63.7	61.9	61.9
82.5°	47.7	49.5	47.7	47.7	44.2	44.2	40.7	38.9	33.6	33.6	31.8
85°	24.8	24.8	23.0	23.0	19.5	17.7	14.1	14.1	10.6	8.8	8.8
87.5°	3.5	3.5	1.8	1.8	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	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8
2.5°	4238.9	4203.6	4150.5	4099.2	4051.5	4002.0	3945.4	3887.0	3837.5	3786.2	3759.7
5°	4495.4	4422.9	4284.9	4162.9	4053.2	3963.1	3865.8	3782.7	3704.9	3641.2	3609.4
7.5°	4727.0	4613.8	4405.2	4212.4	4063.9	3940.1	3805.7	3681.9	3577.5	3499.7	3469.7
10°	4941.0	4806.6	4532.5	4288.5	4115.1	3977.2	3812.7	3644.7	3506.8	3404.2	3379.5
12.5°	5114.3	4960.5	4633.3	4350.3	4145.2	3996.7	3851.6	3706.6	3570.5	3437.8	3416.6
15°	5268.2	5086.0	4709.3	4389.3	4134.6	3945.4	3823.4	3805.7	3805.7	3655.4	3612.9
17.5°	5400.8	5201.0	4771.2	4406.9	4067.4	3793.3	3719.0	3872.9	4046.2	3938.3	3842.8
20°	5552.9	5310.6	4822.5	4406.9	3943.6	3600.5	3593.5	3855.2	4111.6	4113.4	4012.6
22.5°	5706.7	5437.9	4882.6	4391.0	3773.8	3377.7	3508.6	3784.4	4012.6	4109.8	4040.9
25°	5956.1	5614.8	4978.1	4378.6	3575.8	3225.6	3432.5	3690.7	3883.5	3986.0	3941.8
27.5°	6272.6	5848.2	5123.2	4398.1	3379.5	3135.4	3351.2	3568.7	3743.8	3834.0	3802.1
30°	6626.3	6117.0	5278.8	4431.7	3238.0	3089.5	3253.9	3429.0	3584.6	3674.8	3660.7
32.5°	7077.3	6408.8	5413.2	4385.7	3158.4	3066.5	3151.3	3276.9	3427.2	3483.8	3496.2
35°	7616.6	6730.7	5515.7	4205.3	3085.9	3041.7	3039.9	3117.7	3223.9	3314.0	3322.9
37.5°	8113.6	7107.3	5628.9	3895.9	2955.1	2979.8	2909.1	2955.1	3059.4	3149.6	3184.9
40°	8605.2	7489.3	5786.3	3501.5	2783.5	2841.9	2758.8	2790.6	2873.7	2992.2	3048.8
42.5°	9082.7	7834.2	5952.5	3098.3	2612.0	2649.1	2587.2	2619.0	2705.7	2854.3	2917.9
45°	9602.6	8301.0	6081.6	2718.1	2463.4	2447.5	2398.0	2444.0	2574.8	2737.5	2813.6
47.5°	10585.8	9036.7	6166.5	2465.2	2383.8	2268.9	2212.3	2311.3	2459.9	2624.4	2716.3
50°	11786.6	10101.3	6141.8	2304.3	2314.9	2085.0	2065.5	2196.4	2355.6	2527.1	2627.9
52.5°	12738.0	11146.4	5860.6	2150.4	2180.5	1968.3	1911.7	2102.7	2254.8	2429.8	2534.2
55°	13464.8	11498.4	4997.6	1968.3	1961.2	1883.4	1764.9	2005.4	2154.0	2316.6	2429.8
57.5°	12872.4	10714.9	3704.9	1717.1	1674.7	1715.4	1600.4	1840.9	2030.2	2191.1	2291.9
60°	10683.1	8543.3	2063.8	1520.9	1400.6	1499.6	1481.9	1667.6	1895.8	2065.5	2152.2
62.5°	7252.3	5689.0	1223.8	1202.5	1135.3	1276.8	1370.5	1492.6	1717.1	1855.1	1936.4
65°	3614.7	2764.1	813.5	900.1	909.0	1050.4	1227.3	1361.7	1549.1	1690.6	1772.0
67.5°	1048.7	859.5	619.0	687.9	783.4	896.6	1038.1	1197.2	1379.4	1547.4	1642.9
70°	452.7	458.0	491.6	573.0	666.7	783.4	924.9	1080.5	1234.4	1363.5	1436.0
72.5°	320.1	332.5	369.6	452.7	541.1	652.6	794.0	944.3	1055.8	1186.6	1262.7
75°	205.1	214.0	244.0	307.7	373.1	481.0	615.4	753.4	868.3	962.0	1034.5
77.5°	113.2	114.9	139.7	176.8	221.1	290.0	389.1	496.9	581.8	634.9	700.3
80°	65.4	65.4	77.8	100.8	127.3	169.8	224.6	277.6	328.9	362.5	394.4
82.5°	35.4	35.4	40.7	54.8	69.0	93.7	125.6	152.1	183.9	201.6	222.8
85°	10.6	10.6	14.1	19.5	24.8	35.4	49.5	63.7	77.8	90.2	102.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8
2.5°	3754.4	3729.6	3715.5	3697.8	3703.1	3687.2	3678.3	3683.6	3651.8	3683.6	3715.5
5°	3597.0	3561.6	3533.3	3510.3	3499.7	3478.5	3466.1	3466.1	3446.7	3478.5	3517.4
7.5°	3459.1	3430.8	3416.6	3402.5	3386.5	3367.1	3345.9	3338.8	3326.4	3360.0	3393.6
10°	3367.1	3370.6	3379.5	3398.9	3395.4	3383.0	3351.2	3333.5	3333.5	3372.4	3423.7
12.5°	3409.5	3446.7	3467.9	3503.3	3510.3	3499.7	3467.9	3453.7	3489.1	3547.5	3632.4
15°	3574.0	3598.8	3616.4	3644.7	3643.0	3634.1	3609.4	3620.0	3736.7	3849.9	3925.9
17.5°	3752.6	3724.3	3720.8	3738.5	3743.8	3733.2	3719.0	3766.8	3959.5	4065.6	4104.5
20°	3881.7	3784.4	3763.2	3770.3	3784.4	3779.1	3779.1	3857.0	4056.8	4106.3	4056.8
22.5°	3920.6	3782.7	3750.8	3752.6	3772.1	3773.8	3782.7	3864.0	3980.7	3982.5	3906.5
25°	3858.7	3726.1	3703.1	3706.6	3729.6	3727.9	3731.4	3777.4	3828.7	3807.4	3750.8
27.5°	3742.0	3627.1	3620.0	3639.4	3669.5	3653.6	3643.0	3655.4	3680.1	3653.6	3604.1
30°	3609.4	3512.1	3515.6	3552.8	3584.6	3558.1	3531.6	3538.6	3540.4	3512.1	3455.5
32.5°	3469.7	3397.2	3409.5	3448.4	3485.6	3457.3	3429.0	3425.5	3391.9	3358.3	3303.4
35°	3330.0	3301.7	3317.6	3349.4	3381.2	3358.3	3340.6	3330.0	3257.5	3207.9	3162.0
37.5°	3202.6	3223.9	3252.1	3271.6	3282.2	3280.4	3269.8	3245.1	3149.6	3091.2	3031.1
40°	3089.5	3154.9	3184.9	3193.8	3209.7	3206.2	3204.4	3169.0	3043.5	2981.6	2912.6
42.5°	2986.9	3078.8	3130.1	3139.0	3147.8	3149.6	3144.3	3093.0	2949.7	2877.2	2811.8
45°	2887.9	3008.1	3073.5	3064.7	3077.1	3077.1	3082.4	3015.2	2857.8	2783.5	2714.5
47.5°	2801.2	2942.7	3002.8	2992.2	2999.3	3004.6	3009.9	2932.1	2757.0	2686.2	2615.5
50°	2721.6	2871.9	2923.2	2926.8	2926.8	2939.1	2937.4	2861.3	2672.1	2596.1	2525.3
52.5°	2636.7	2799.4	2854.3	2877.2	2884.3	2889.6	2864.9	2776.4	2585.4	2493.5	2428.1
55°	2537.7	2725.2	2774.7	2804.7	2818.9	2815.3	2781.7	2691.6	2497.0	2405.1	2330.8
57.5°	2387.4	2566.0	2636.7	2650.9	2673.9	2659.7	2620.8	2544.8	2355.6	2263.6	2187.6
60°	2222.9	2352.0	2408.6	2421.0	2403.3	2408.6	2403.3	2330.8	2166.3	2093.8	2016.0
62.5°	2007.2	2122.1	2182.2	2198.2	2168.1	2187.6	2180.5	2090.3	1925.8	1849.8	1780.8
65°	1844.5	1970.0	2040.8	2049.6	2040.8	2049.6	2024.9	1915.2	1759.6	1681.8	1611.0
67.5°	1717.1	1846.2	1920.5	1945.3	1936.4	1934.7	1895.8	1768.4	1607.5	1522.6	1432.4
70°	1497.9	1611.0	1706.5	1766.7	1766.7	1733.1	1658.8	1540.3	1411.2	1338.7	1268.0
72.5°	1326.3	1469.6	1563.3	1625.2	1637.6	1618.1	1513.8	1388.2	1239.7	1167.2	1092.9
75°	1092.9	1232.6	1333.4	1414.7	1430.7	1409.4	1289.2	1165.4	1027.5	956.7	882.4
77.5°	730.4	813.5	894.8	969.1	953.2	967.3	886.0	792.3	707.4	654.3	620.7
80°	412.0	466.9	491.6	532.3	532.3	532.3	479.2	435.0	387.3	357.2	323.6
82.5°	233.4	268.8	279.4	313.0	321.9	323.6	288.3	260.0	229.9	214.0	191.0
85°	107.9	127.3	129.1	148.5	155.6	169.8	153.9	134.4	116.7	109.6	95.5
87.5°	3.5	10.6	14.1	26.5	35.4	40.7	44.2	44.2	37.1	33.6	28.3
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: P636394

CATALOG NUMBER: GWS-SA3F-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8	3964.8
2.5°	3754.4	3796.8	3846.3	3881.7	3945.4	3998.4	4053.2	4113.4	4157.6	4147.0
5°	3565.2	3635.9	3726.1	3809.2	3927.7	4047.9	4180.6	4316.7	4396.3	4392.8
7.5°	3459.1	3559.9	3669.5	3780.9	3920.6	4093.9	4297.3	4509.5	4617.4	4622.7
10°	3515.6	3623.5	3697.8	3791.5	3938.3	4155.8	4399.9	4654.5	4778.3	4803.1
12.5°	3694.3	3685.4	3680.1	3747.3	3924.2	4200.0	4498.9	4803.1	4942.8	4972.8
15°	3864.0	3681.9	3572.2	3618.2	3860.5	4228.3	4596.2	4965.8	5123.2	5155.0
17.5°	3895.9	3620.0	3416.6	3448.4	3759.7	4237.2	4689.9	5124.9	5294.7	5324.8
20°	3807.4	3540.4	3303.4	3259.2	3632.4	4214.2	4748.2	5257.6	5443.2	5475.1
22.5°	3696.0	3469.7	3218.5	3103.6	3476.7	4191.2	4813.7	5397.3	5611.2	5639.5
25°	3579.3	3379.5	3139.0	2963.9	3299.9	4177.0	4923.3	5581.2	5839.4	5873.0
27.5°	3455.5	3269.8	3070.0	2896.7	3137.2	4194.7	5078.9	5878.3	6171.8	6219.6
30°	3322.9	3160.2	3025.8	2873.7	3025.8	4210.6	5250.5	6182.4	6527.3	6594.5
32.5°	3184.9	3059.4	2979.8	2884.3	2956.8	4173.5	5400.8	6523.7	6951.7	7010.1
35°	3047.0	2956.8	2921.5	2903.8	2864.9	4037.3	5522.8	6868.6	7436.3	7487.5
37.5°	2917.9	2850.7	2840.1	2859.6	2723.4	3814.5	5664.3	7307.2	7912.0	7989.8
40°	2797.7	2735.8	2734.0	2730.5	2567.8	3510.3	5855.3	7752.8	8380.6	8416.0
42.5°	2686.2	2608.4	2622.6	2580.1	2440.4	3181.4	6035.7	8133.0	8817.4	8842.2
45°	2587.2	2484.6	2500.6	2447.5	2380.3	2836.6	6194.8	8582.2	9370.9	9386.8
47.5°	2491.7	2382.1	2337.9	2334.3	2369.7	2518.2	6350.4	9447.0	10237.5	10265.8
50°	2403.3	2284.8	2159.3	2237.1	2304.3	2279.5	6545.0	10373.6	11132.3	11125.2
52.5°	2318.4	2162.8	1984.2	2134.5	2134.5	2102.7	6490.1	10936.0	11871.5	11993.5
55°	2221.2	1966.5	1802.0	1963.0	1885.1	1943.5	5519.3	11119.9	12336.6	12509.9
57.5°	2028.4	1724.2	1581.0	1667.6	1550.9	1802.0	3964.8	10207.4	11546.1	11853.8
60°	1842.7	1545.6	1451.9	1436.0	1283.9	1469.6	2569.5	7991.5	9503.6	9659.2
62.5°	1625.2	1391.8	1312.2	1190.2	1032.8	1069.9	1556.2	5259.3	6385.8	6421.2
65°	1460.7	1260.9	1108.8	963.8	845.3	776.3	919.6	2535.9	3192.0	3149.6
67.5°	1253.8	1080.5	935.5	831.2	733.9	647.2	611.9	753.4	852.4	824.1
70°	1115.9	949.6	809.9	710.9	620.7	534.1	472.2	443.9	435.0	428.0
72.5°	962.0	817.0	672.0	576.5	491.6	412.0	355.5	321.9	313.0	305.9
75°	767.5	631.3	498.7	408.5	334.2	277.6	240.5	212.2	206.9	199.8
77.5°	507.5	405.0	297.1	242.3	198.1	168.0	143.2	125.6	122.0	118.5
80°	279.4	233.4	182.1	146.8	118.5	102.6	93.7	83.1	81.3	79.6
82.5°	166.2	139.7	104.3	83.1	69.0	61.9	56.6	51.3	49.5	47.7
85°	83.1	65.4	46.0	38.9	35.4	31.8	31.8	26.5	24.8	24.8
87.5°	21.2	17.7	10.6	8.8	8.8	8.8	7.1	5.3	5.3	3.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)