

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: P636280

Luminaire Tested: GWS-SA3F-740-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P636280  
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-SA3F-740-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

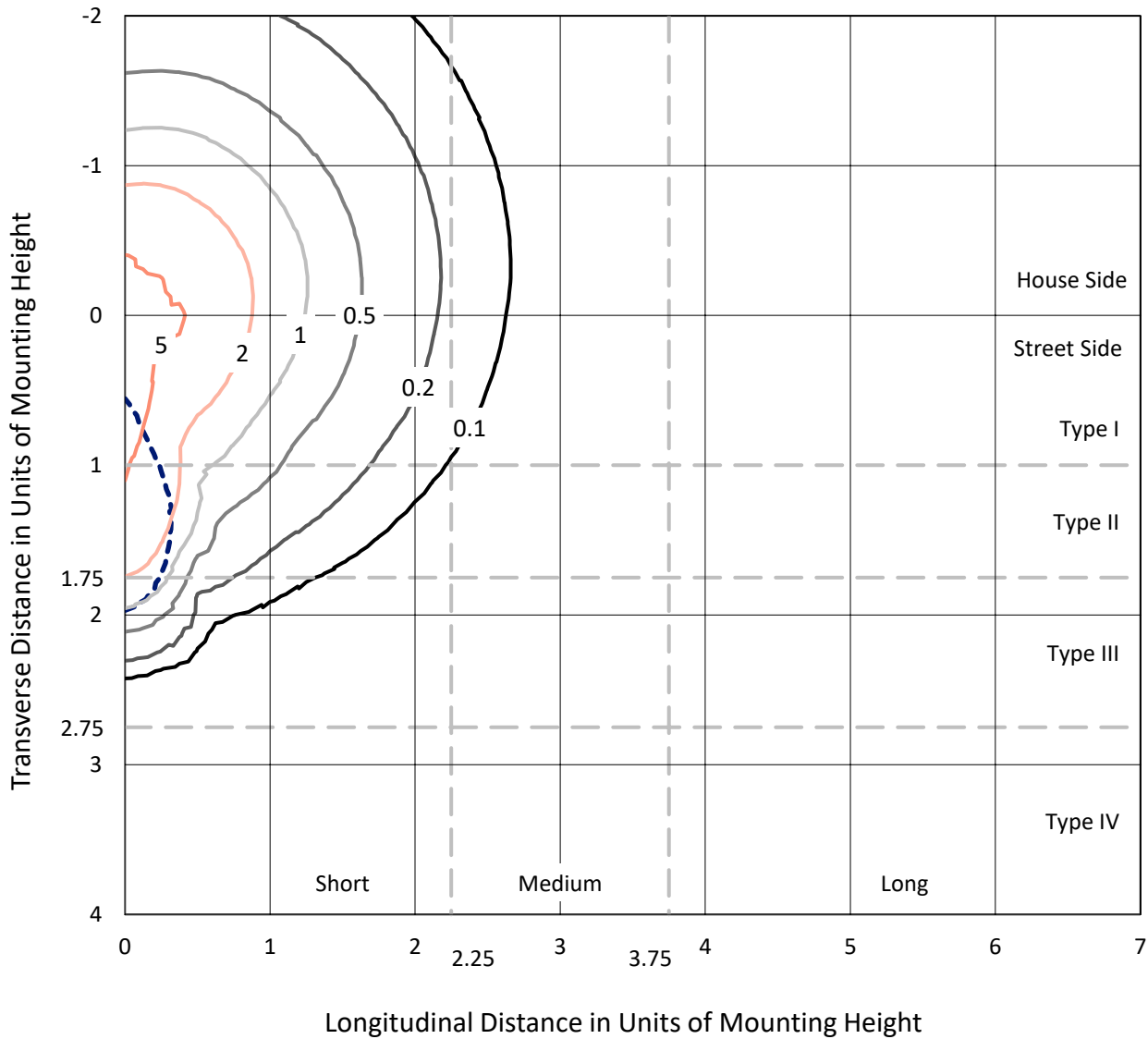
Lumens per Lamp: N/A  
Luminaire Lumens: 19031.8 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 183.2  
Input Voltage (V): 120  
Input Current (Ain): 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

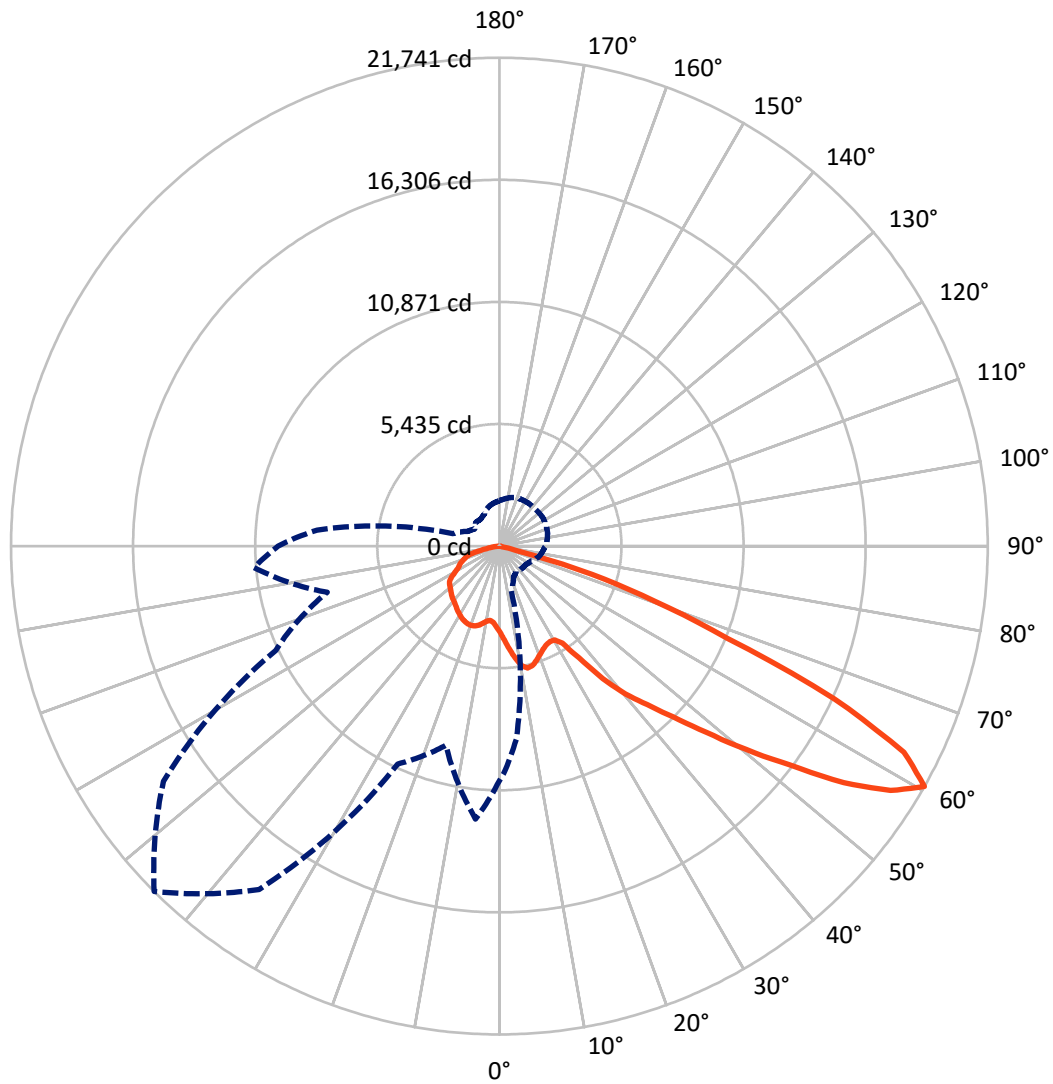
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 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	6510.6	0.0	6510.6
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	12521.2	0.0	12521.2
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	19031.8	0.0	19031.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	375.0	2.0
10°-20°	1202.9	6.3
20°-30°	1959.0	10.3
30°-40°	2752.0	14.5
40°-50°	3765.8	19.8
50°-60°	4831.3	25.4
60°-70°	3253.2	17.1
70°-80°	813.3	4.3
80°-90°	79.3	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°	19031.8	100.0
0°-180°	19031.8	100.0

**Coefficient of Utilization**



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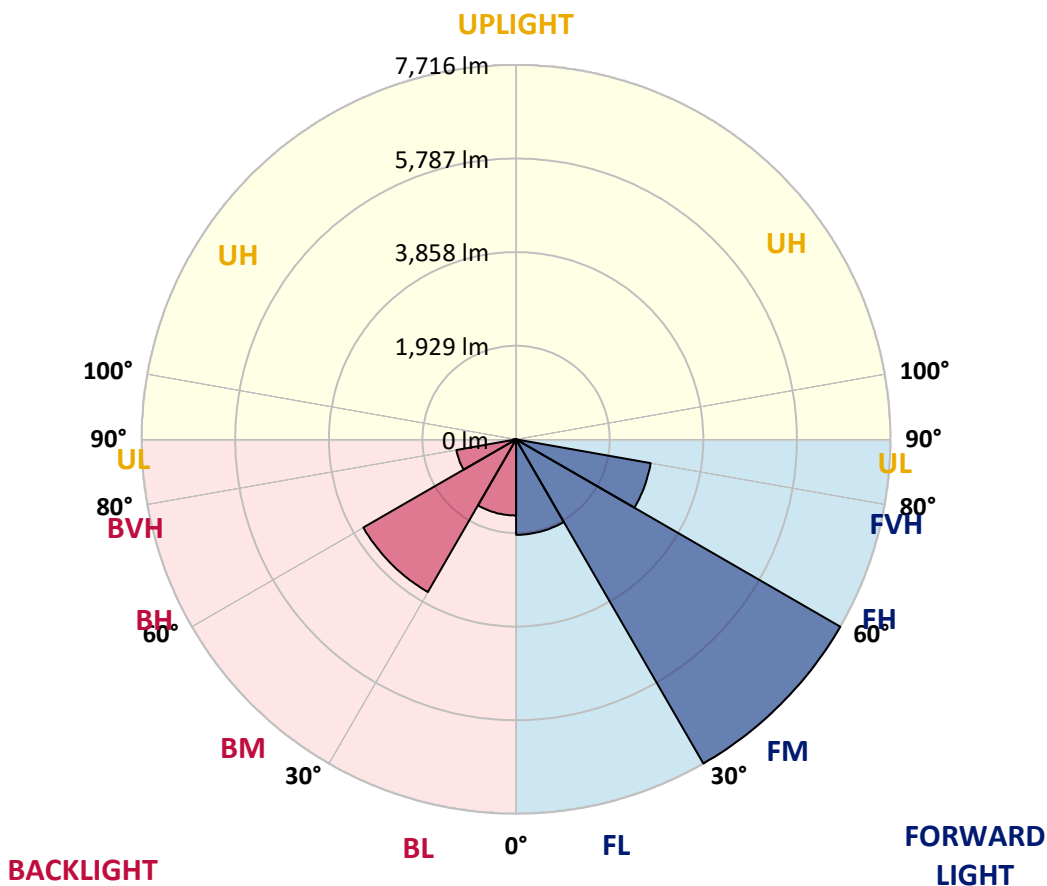
CATALOG NUMBER: GWS-SA3F-740-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1967.4	10.3			
FM (30°-60°)	7715.6	40.5			
FH (60°-80°)	2817.5	14.8			G2/5000
FVH (80°-90°)	20.6	0.1			G1/100
BL (0°-30°)	1569.5	8.2	B3/2500		
BM (30°-60°)	3633.4	19.1	B3/5000		
BH (60°-80°)	1249.0	6.6	B3/2500		G3/2500
BVH (80°-90°)	58.7	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°	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5
2.5°	4061.1	4052.3	4043.6	3975.2	3957.7	3908.6	3873.6	3829.7	3766.6	3731.6	3701.8
5°	4315.3	4301.2	4253.9	4113.7	4022.6	3922.6	3840.3	3749.1	3652.7	3589.6	3540.5
7.5°	4555.4	4551.9	4471.3	4239.9	4092.7	3948.9	3836.8	3703.6	3565.1	3470.4	3407.3
10°	4778.0	4751.7	4655.3	4353.8	4161.0	3996.3	3875.3	3728.1	3566.8	3438.9	3354.8
12.5°	4974.3	4941.0	4807.8	4459.0	4220.6	4017.3	3885.8	3764.9	3658.0	3551.1	3454.7
15°	5135.5	5095.2	4960.3	4557.1	4273.2	4005.0	3821.0	3726.3	3763.1	3810.5	3703.6
17.5°	5286.3	5244.2	5079.5	4629.0	4289.0	3929.7	3661.5	3621.2	3807.0	4022.6	3973.5
20°	5412.5	5365.2	5174.1	4664.1	4260.9	3785.9	3454.7	3524.8	3770.2	4027.8	4106.7
22.5°	5549.2	5510.6	5281.0	4714.9	4225.9	3587.9	3281.1	3452.9	3707.1	3933.2	4052.3
25°	5768.3	5721.0	5447.5	4804.3	4208.3	3402.1	3156.7	3382.8	3619.4	3824.5	3917.4
27.5°	6085.5	5997.9	5675.4	4960.3	4227.6	3226.8	3077.8	3296.9	3517.8	3693.0	3768.4
30°	6430.8	6325.7	5927.8	5121.5	4255.7	3119.9	3035.8	3198.8	3361.8	3537.0	3619.4
32.5°	6839.2	6746.3	6197.7	5242.5	4196.1	3070.8	3004.2	3091.8	3221.5	3361.8	3430.1
35°	7326.5	7160.0	6492.2	5340.6	4003.3	2998.9	2976.2	2974.4	3042.8	3179.5	3256.6
37.5°	7850.5	7671.8	6855.0	5445.8	3703.6	2885.0	2909.6	2835.9	2899.0	3007.7	3095.3
40°	8280.0	8092.4	7221.3	5589.5	3328.5	2706.2	2762.3	2683.5	2722.0	2834.2	2932.3
42.5°	8700.6	8500.8	7563.1	5752.5	2965.6	2531.0	2559.0	2529.2	2541.5	2658.9	2795.6
45°	9252.7	9028.4	7983.8	5868.2	2639.6	2392.5	2366.2	2315.4	2380.2	2532.7	2678.2
47.5°	10174.7	9906.5	8672.6	5943.6	2403.0	2313.6	2192.7	2162.9	2243.5	2413.5	2564.3
50°	11252.6	11021.3	9773.3	5940.1	2226.0	2247.0	2024.4	1998.1	2131.3	2303.1	2462.6
52.5°	12136.0	11901.1	10714.5	5764.8	2080.5	2105.0	1926.3	1852.7	2034.9	2194.4	2353.9
55°	12849.4	12584.7	11147.5	5032.1	1896.5	1878.9	1819.3	1684.4	1914.0	2085.8	2234.8
57.5°	12465.5	12150.0	10623.4	3826.2	1707.2	1596.8	1635.3	1535.4	1749.2	1964.8	2108.6
60°	10451.6	10167.7	8630.5	2036.7	1502.1	1333.8	1414.5	1430.2	1568.7	1819.3	1966.6
62.5°	7179.2	6972.4	5848.9	1235.7	1184.9	1070.9	1197.1	1311.1	1414.5	1626.5	1754.5
65°	3512.5	3451.2	2925.3	792.2	829.0	865.9	992.1	1130.5	1283.0	1468.8	1603.8
67.5°	967.5	974.5	886.9	618.7	653.8	755.4	855.3	965.8	1118.3	1290.0	1426.7
70°	425.9	432.9	447.0	476.7	543.4	636.2	739.7	853.6	993.8	1137.5	1269.0
72.5°	296.2	303.2	324.3	362.8	422.4	510.0	608.2	716.9	862.4	983.3	1092.0
75°	182.3	187.5	206.8	240.1	280.4	347.0	443.4	543.4	671.3	781.7	878.1
77.5°	96.4	92.9	105.2	128.0	163.0	198.1	262.9	326.0	417.2	506.5	587.2
80°	52.6	50.8	57.8	70.1	80.6	108.7	152.5	194.6	247.1	298.0	341.8
82.5°	22.8	21.0	22.8	29.8	36.8	52.6	77.1	106.9	136.7	171.8	199.8
85°	0.0	0.0	0.0	1.8	8.8	14.0	26.3	38.6	56.1	77.1	94.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	15.8
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°	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5
2.5°	3684.3	3640.5	3636.9	3601.9	3605.4	3607.1	3572.1	3558.1	3570.3	3584.4	3577.4
5°	3523.0	3477.4	3458.2	3424.9	3421.4	3405.6	3391.6	3374.0	3386.3	3398.6	3405.6
7.5°	3382.8	3353.0	3340.7	3332.0	3335.5	3328.5	3300.4	3284.6	3282.9	3288.1	3295.2
10°	3337.2	3312.7	3328.5	3353.0	3370.5	3382.8	3353.0	3326.7	3302.2	3291.7	3291.7
12.5°	3435.4	3403.8	3435.4	3461.7	3496.7	3505.5	3472.2	3444.1	3435.4	3445.9	3466.9
15°	3652.7	3579.1	3577.4	3593.1	3621.2	3635.2	3603.6	3589.6	3589.6	3656.2	3708.8
17.5°	3870.1	3749.1	3698.3	3689.5	3707.1	3712.3	3686.0	3673.8	3705.3	3835.0	3933.2
20°	4022.6	3875.3	3764.9	3743.9	3749.1	3750.9	3729.8	3721.1	3766.6	3924.4	4006.8
22.5°	4006.8	3898.1	3763.1	3736.9	3745.6	3742.1	3722.8	3719.3	3756.1	3892.8	3931.4
25°	3898.1	3814.0	3700.0	3682.5	3696.5	3694.8	3675.5	3666.7	3682.5	3773.7	3777.2
27.5°	3773.7	3700.0	3601.9	3596.6	3619.4	3631.7	3598.4	3572.1	3566.8	3628.2	3614.2
30°	3624.7	3570.3	3491.5	3495.0	3537.0	3544.1	3503.7	3465.2	3454.7	3488.0	3468.7
32.5°	3447.6	3430.1	3388.1	3396.8	3437.1	3451.2	3409.1	3368.8	3356.5	3367.0	3326.7
35°	3296.9	3289.9	3293.4	3309.2	3344.2	3354.8	3319.7	3288.1	3270.6	3233.8	3181.2
37.5°	3140.9	3160.2	3211.0	3240.8	3260.1	3256.6	3237.3	3214.5	3186.5	3118.1	3053.3
40°	2995.4	3044.5	3135.7	3169.0	3176.0	3177.7	3163.7	3144.4	3109.4	3018.2	2944.6
42.5°	2883.3	2937.6	3058.5	3109.4	3112.9	3116.4	3102.4	3086.6	3037.5	2916.6	2844.7
45°	2765.8	2837.7	2979.7	3041.0	3037.5	3035.8	3023.5	3016.5	2958.6	2818.4	2739.5
47.5°	2665.9	2750.1	2902.5	2955.1	2953.4	2951.6	2942.9	2942.9	2885.0	2732.5	2643.1
50°	2567.8	2664.2	2823.7	2867.5	2871.0	2867.5	2864.0	2869.2	2800.9	2637.9	2550.2
52.5°	2460.9	2569.5	2736.0	2776.3	2797.4	2806.1	2806.1	2793.9	2713.2	2543.2	2446.8
55°	2343.4	2446.8	2639.6	2694.0	2711.5	2727.3	2727.3	2702.7	2627.4	2455.6	2352.2
57.5°	2197.9	2289.1	2441.6	2495.9	2538.0	2548.5	2548.5	2508.2	2446.8	2282.1	2197.9
60°	2040.2	2119.1	2222.5	2280.3	2311.9	2290.8	2306.6	2296.1	2247.0	2094.5	2024.4
62.5°	1829.9	1910.5	2024.4	2084.0	2098.0	2077.0	2098.0	2096.3	2029.7	1893.0	1808.8
65°	1679.1	1758.0	1870.2	1947.3	1970.1	1964.8	1978.8	1957.8	1875.4	1745.7	1665.1
67.5°	1500.3	1584.5	1714.2	1800.1	1847.4	1852.7	1871.9	1828.1	1744.0	1602.0	1500.3
70°	1330.3	1402.2	1502.1	1582.7	1649.3	1682.6	1686.1	1623.0	1517.9	1400.4	1326.8
72.5°	1151.6	1225.2	1346.1	1433.7	1517.9	1556.4	1556.4	1479.3	1365.4	1235.7	1156.8
75°	934.2	1002.6	1113.0	1207.6	1304.0	1353.1	1351.4	1284.8	1158.6	1035.9	953.5
77.5°	632.7	683.6	753.7	825.5	839.6	878.1	897.4	813.3	743.2	676.6	602.9
80°	368.1	399.6	438.2	478.5	487.3	499.5	468.0	436.4	399.6	355.8	322.5
82.5°	215.6	236.6	255.9	287.5	292.7	296.2	268.2	254.1	224.4	198.1	177.0
85°	105.2	112.2	129.7	145.5	138.5	135.0	122.7	108.7	96.4	85.9	75.4
87.5°	21.0	21.0	31.5	29.8	24.5	21.0	12.3	15.8	3.5	3.5	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°	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5
2.5°	3600.1	3629.9	3666.7	3715.8	3771.9	3831.5	3889.3	3933.2	3977.0	4041.8	4031.3
5°	3416.1	3466.9	3524.8	3600.1	3691.3	3794.7	3910.4	4026.1	4150.5	4255.7	4301.2
7.5°	3309.2	3365.3	3433.6	3531.8	3649.2	3775.4	3938.4	4126.0	4327.5	4466.0	4551.9
10°	3309.2	3381.0	3470.4	3565.1	3668.5	3798.2	3999.8	4234.6	4494.0	4676.3	4776.2
12.5°	3500.2	3572.1	3591.4	3587.9	3645.7	3789.4	4048.8	4348.6	4658.8	4851.6	4974.3
15°	3798.2	3822.7	3677.3	3544.1	3552.8	3726.3	4071.6	4439.7	4800.8	5032.1	5165.3
17.5°	3998.0	3933.2	3673.8	3440.6	3391.6	3619.4	4071.6	4527.3	4951.5	5212.7	5337.1
20°	4013.8	3852.5	3584.4	3340.7	3214.5	3477.4	4043.6	4593.9	5097.0	5386.2	5519.4
22.5°	3875.3	3715.8	3489.7	3254.8	3069.1	3305.7	3998.0	4644.8	5221.4	5549.2	5713.9
25°	3717.6	3584.4	3393.3	3167.2	2969.2	3132.2	3955.9	4730.7	5394.9	5770.0	5936.5
27.5°	3563.3	3451.2	3277.6	3093.6	2913.1	2981.4	3929.7	4856.9	5601.8	6083.8	6227.5
30°	3412.6	3310.9	3153.2	3023.5	2883.3	2883.3	3906.9	5002.3	5875.2	6436.1	6579.8
32.5°	3260.1	3163.7	3035.8	2955.1	2865.7	2844.7	3843.8	5139.0	6157.4	6821.7	6968.9
35°	3118.1	3021.7	2923.6	2890.3	2857.0	2814.9	3687.8	5246.0	6432.6	7272.1	7398.3
37.5°	2984.9	2892.0	2818.4	2809.7	2813.2	2734.3	3442.4	5335.4	6776.1	7733.1	7799.7
40°	2869.2	2765.8	2708.0	2706.2	2723.8	2604.6	3132.2	5463.3	7168.7	8124.0	8095.9
42.5°	2765.8	2657.2	2587.1	2602.8	2592.3	2474.9	2828.9	5580.7	7510.5	8490.3	8434.2
45°	2664.2	2559.0	2460.9	2483.6	2471.4	2394.2	2571.3	5666.6	7889.1	8930.2	8937.2
47.5°	2566.0	2462.6	2364.5	2336.4	2334.7	2369.7	2373.2	5694.7	8506.1	9638.3	9478.8
50°	2474.9	2371.5	2269.8	2175.2	2212.0	2320.6	2226.0	5673.6	9429.8	10420.1	9974.9
52.5°	2380.2	2282.1	2169.9	1999.9	2096.3	2203.2	2094.5	5598.3	9994.2	11110.7	10844.2
55°	2271.6	2178.7	2026.2	1819.3	1936.8	1959.6	1959.6	4869.1	10234.3	11794.2	11959.0
57.5°	2126.1	2003.4	1761.5	1595.0	1700.2	1612.5	1815.8	3407.3	9838.2	11578.6	12218.4
60°	1961.3	1829.9	1574.0	1454.8	1486.3	1332.1	1547.7	2136.6	8153.8	9852.2	10959.9
62.5°	1744.0	1623.0	1411.0	1318.1	1253.2	1086.7	1246.2	1351.4	5589.5	7316.0	8071.4
65°	1598.5	1465.3	1276.0	1153.3	1020.1	874.6	827.3	886.9	3006.0	4094.4	4604.5
67.5°	1426.7	1295.3	1116.5	962.3	855.3	750.2	667.8	646.8	1030.6	1363.6	1475.8
70°	1263.7	1137.5	988.5	844.8	737.9	634.5	553.9	496.0	476.7	473.2	466.2
72.5°	1097.2	979.8	855.3	722.1	604.7	510.0	438.2	371.6	343.5	334.8	326.0
75°	899.2	806.3	681.8	538.1	443.4	355.8	299.7	255.9	231.4	222.6	212.1
77.5°	578.4	536.3	427.7	347.0	268.2	212.1	182.3	154.2	138.5	135.0	126.2
80°	308.5	287.5	236.6	199.8	159.5	129.7	113.9	98.2	89.4	85.9	82.4
82.5°	171.8	156.0	131.5	115.7	92.9	78.9	70.1	63.1	57.8	56.1	54.3
85°	77.1	66.6	52.6	49.1	43.8	40.3	38.6	35.1	33.3	31.5	29.8
87.5°	3.5	7.0	8.8	7.0	7.0	10.5	12.3	12.3	10.5	10.5	8.8
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: P636280

CATALOG NUMBER: GWS-SA3F-740-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5	3838.5
2.5°	4096.2	4148.7	4154.0	4171.5	4148.7	4143.5	4106.7	4085.6	4066.4	4061.1
5°	4415.2	4520.3	4562.4	4592.2	4564.1	4550.1	4469.5	4385.4	4338.0	4315.3
7.5°	4742.9	4900.7	4983.1	5019.9	5023.4	4960.3	4821.8	4664.1	4585.2	4555.4
10°	5035.6	5230.2	5338.9	5409.0	5384.4	5307.3	5118.0	4904.2	4804.3	4778.0
12.5°	5253.0	5438.8	5522.9	5568.5	5566.7	5524.7	5345.9	5114.5	5000.6	4974.3
15°	5393.2	5503.6	5508.9	5519.4	5549.2	5605.3	5512.4	5298.5	5172.4	5135.5
17.5°	5503.6	5459.8	5377.4	5349.4	5416.0	5572.0	5628.1	5454.5	5317.8	5286.3
20°	5573.7	5352.9	5207.4	5153.1	5230.2	5484.3	5698.2	5594.8	5452.8	5412.5
22.5°	5628.1	5253.0	5018.1	4981.3	5061.9	5389.7	5770.0	5761.3	5605.3	5549.2
25°	5713.9	5186.4	4884.9	4858.6	4934.0	5344.1	5866.4	5987.4	5848.9	5768.3
27.5°	5848.9	5179.4	4816.5	4807.8	4911.2	5384.4	6004.9	6318.6	6145.1	6085.5
30°	6036.5	5246.0	4832.3	4849.8	4976.0	5529.9	6220.5	6697.2	6523.7	6430.8
32.5°	6306.4	5424.7	5072.4	5147.8	5240.7	5763.0	6536.0	7107.4	6975.9	6839.2
35°	6662.2	5915.5	5782.3	6103.1	6015.4	6273.1	6916.3	7605.2	7445.7	7326.5
37.5°	7137.2	6921.6	7044.3	7486.0	7273.9	7237.1	7380.8	8057.4	7969.7	7850.5
40°	7803.2	7847.0	8073.1	8653.3	8346.6	8110.0	7950.5	8397.4	8427.2	8280.0
42.5°	8244.9	8446.5	8991.6	9650.6	9228.2	8662.1	8427.2	8832.1	8833.8	8700.6
45°	8409.7	8937.2	10076.5	10835.5	10129.1	8977.6	8690.1	9422.8	9405.2	9252.7
47.5°	8350.1	9350.9	11203.5	12363.9	11285.9	9201.9	8653.3	10264.1	10406.0	10174.7
50°	8225.6	9766.3	12519.9	14235.8	12705.6	9440.3	8597.2	11196.5	11431.4	11252.6
52.5°	8351.8	10229.0	14076.3	16170.8	14486.4	9820.6	8975.8	12393.7	12351.6	12136.0
55°	8751.5	10775.9	15967.5	18601.9	16442.5	10463.9	9948.6	13534.7	13107.0	12849.4
57.5°	8732.2	11166.7	17625.6	20524.6	18144.4	10991.5	10286.9	13655.6	12791.5	12465.5
60°	7925.9	10988.0	18256.6	21741.1	18658.0	10700.5	9173.9	12197.4	10793.4	10451.6
62.5°	5915.5	9750.5	17033.2	20217.9	17204.9	9242.2	6898.8	8755.0	7755.9	7179.2
65°	3784.2	7627.9	14319.9	16379.4	14181.5	7068.8	4108.4	4693.9	3677.3	3512.5
67.5°	1610.8	5384.4	11131.7	10947.6	10609.4	4579.9	1586.2	1321.6	985.0	967.5
70°	532.8	3663.2	6862.0	7301.9	6336.2	3154.9	524.1	443.4	441.7	425.9
72.5°	348.8	1966.6	3863.1	4301.2	4076.9	1815.8	317.2	296.2	303.2	296.2
75°	208.6	427.7	650.3	844.8	650.3	305.0	191.0	187.5	191.0	182.3
77.5°	122.7	119.2	115.7	115.7	113.9	105.2	96.4	92.9	94.6	96.4
80°	78.9	75.4	71.9	70.1	61.3	57.8	54.3	50.8	50.8	52.6
82.5°	50.8	47.3	43.8	38.6	31.5	26.3	24.5	21.0	21.0	22.8
85°	26.3	21.0	15.8	12.3	7.0	3.5	0.0	0.0	0.0	0.0
87.5°	5.3	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)