

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: P633864

Luminaire Tested: GWS-SA2F-750-U-SLR-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P633864  
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-SA2F-750-U-SLR-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

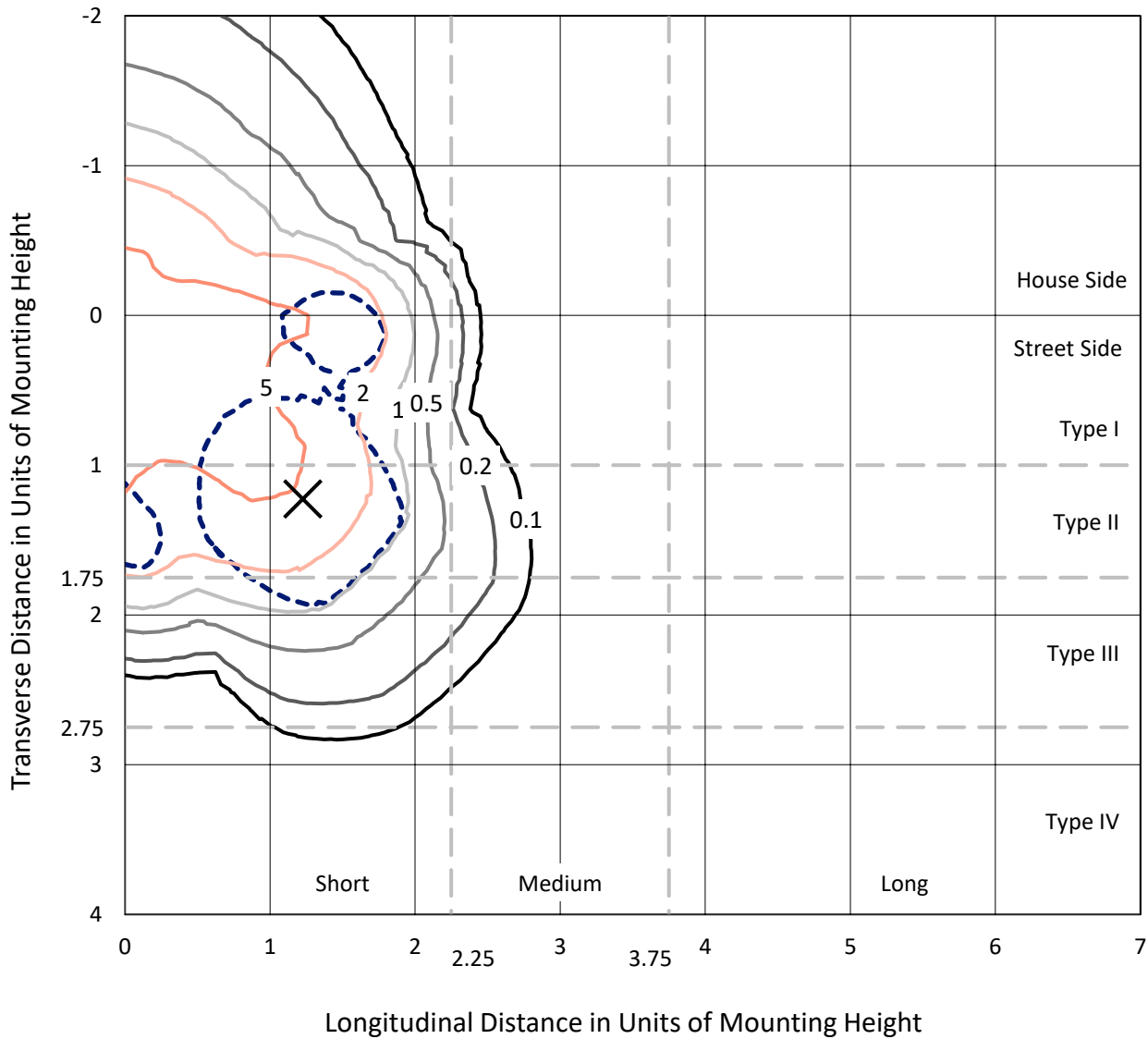
Lumens per Lamp: N/A  
Luminaire Lumens: 12983.3 lumens  
Efficiency: N/A  
Efficacy: 104.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2  
  
Input Watts (W): 124.5  
Input Voltage (V): 120  
Input Current (Ain): 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

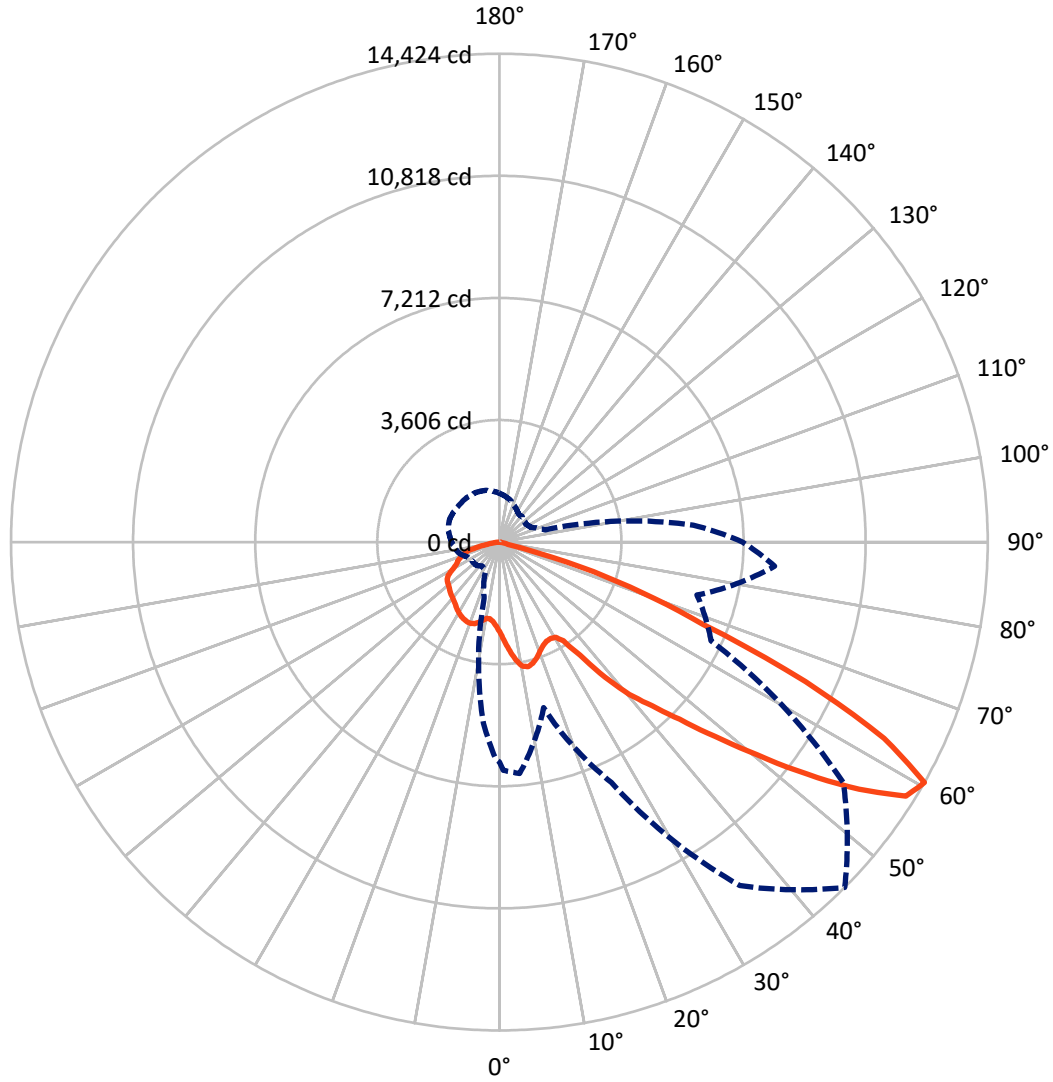
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.9 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
<b>House Side</b>	Lumens	4551.1	0.0	4551.1
	% Fixture	35.1	0.0	35.1
<b>Street Side</b>	Lumens	8432.2	0.0	8432.2
	% Fixture	64.9	0.0	64.9
<b>Total</b>	Lumens	12983.3	0.0	12983.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	260.2	2.0
10°-20°	822.3	6.3
20°-30°	1335.8	10.3
30°-40°	1883.8	14.5
40°-50°	2603.4	20.1
50°-60°	3351.3	25.8
60°-70°	2123.4	16.4
70°-80°	544.9	4.2
80°-90°	58.3	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°	12983.3	100.0
0°-180°	12983.3	100.0

**Coefficient of Utilization**



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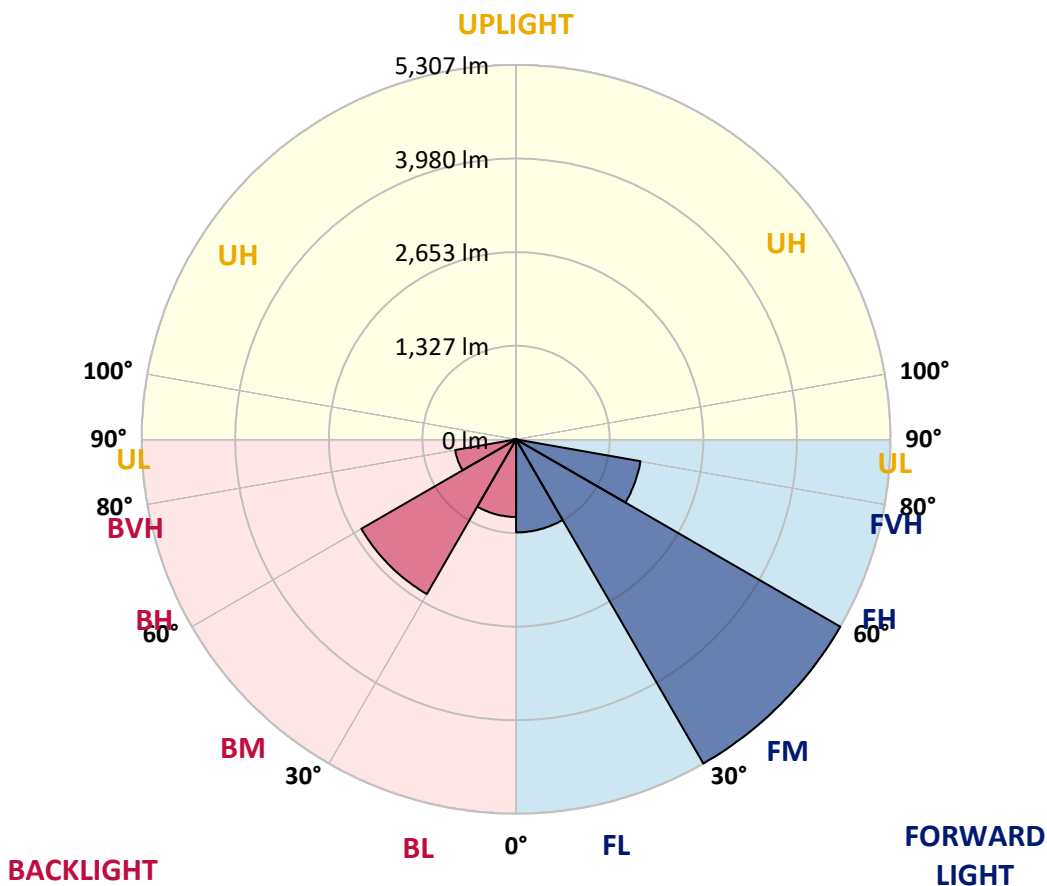
CATALOG NUMBER: GWS-SA2F-750-U-SLR-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1318.3	10.2			
FM (30°-60°)	5306.8	40.9			
FH (60°-80°)	1791.2	13.8			G1/1800
FVH (80°-90°)	15.8	0.1			G1/100
BL (0°-30°)	1100.0	8.5	B3/2500		
BM (30°-60°)	2531.6	19.5	B3/5000		
BH (60°-80°)	877.0	6.8	B2/1000		G2/1000
BVH (80°-90°)	42.4	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-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2
2.5°	2789.7	2808.7	2820.6	2843.2	2883.7	2906.3	2931.2	2903.9	2911.0	2907.5	2863.4
5°	2955.0	2977.6	3008.6	3075.2	3150.1	3191.8	3231.0	3225.1	3188.2	3126.3	3082.3
7.5°	3109.7	3135.9	3189.4	3297.7	3408.3	3472.5	3520.1	3489.2	3458.3	3360.7	3250.1
10°	3231.0	3246.5	3319.1	3464.2	3592.7	3665.2	3723.5	3716.4	3673.6	3564.1	3415.4
12.5°	3345.2	3355.9	3434.5	3579.6	3695.0	3727.1	3774.7	3790.2	3775.9	3693.8	3547.5
15°	3467.8	3488.0	3560.6	3671.2	3723.5	3690.2	3706.9	3749.7	3790.2	3790.2	3655.7
17.5°	3582.0	3599.8	3673.6	3721.2	3671.2	3583.2	3587.9	3642.6	3739.0	3840.1	3754.5
20°	3683.1	3699.7	3772.3	3727.1	3568.9	3440.4	3436.8	3503.5	3659.3	3872.2	3860.3
22.5°	3793.7	3817.5	3878.2	3731.9	3473.7	3310.7	3309.6	3378.5	3589.1	3904.4	3981.7
25°	3950.8	3987.6	4018.6	3773.5	3422.6	3226.3	3241.7	3307.2	3566.5	3956.7	4161.3
27.5°	4183.9	4213.7	4211.3	3860.3	3420.2	3191.8	3223.9	3300.0	3607.0	4049.5	4350.5
30°	4436.1	4451.6	4426.6	3981.7	3474.9	3213.2	3260.8	3351.2	3709.3	4203.0	4628.9
32.5°	4715.7	4734.7	4687.1	4163.7	3602.2	3371.4	3476.1	3520.1	3853.2	4424.2	4923.9
35°	5036.9	5073.8	4975.0	4404.0	3976.9	3948.4	4100.7	4043.6	4158.9	4686.0	5239.1
37.5°	5374.7	5375.9	5234.4	4759.7	4712.1	4760.9	5065.4	4887.0	4807.3	4977.4	5560.3
40°	5661.4	5654.3	5436.6	5239.1	5352.1	5546.1	5913.7	5640.0	5430.7	5368.8	5826.8
42.5°	5948.1	5922.0	5701.9	5543.7	5793.5	6192.0	6607.2	6271.7	5830.4	5724.5	6089.7
45°	6314.6	6306.2	6040.9	5665.0	6192.0	6915.3	7466.1	6922.5	6067.1	5931.5	6527.5
47.5°	6905.8	6865.4	6371.7	5655.5	6565.6	7878.9	8574.9	7742.1	6232.5	5936.3	7234.1
50°	7484.0	7434.0	6766.6	5654.3	6951.0	8878.2	9883.4	8737.8	6401.4	5964.8	7952.7
52.5°	8068.1	8068.1	7415.0	5788.7	7355.5	9994.1	11395.5	9978.6	6689.3	6338.3	8836.6
55°	8415.4	8508.2	8144.2	6016.0	7829.0	11307.4	12890.8	11318.1	7134.2	7012.9	9652.7
57.5°	7974.1	8147.8	8095.4	5857.7	8108.5	12272.2	14159.0	12334.1	7354.3	7092.6	9530.1
60°	6497.8	6739.3	6859.4	5058.3	7832.5	12384.0	14424.3	12400.7	6899.9	6039.8	8163.2
62.5°	4319.5	4518.2	4701.4	3614.1	6780.9	11140.9	12757.6	11144.5	5762.6	4507.5	5655.5
65°	2118.7	2266.2	2463.7	2136.6	5297.4	9308.9	9946.5	9005.5	4168.5	2523.2	2884.9
67.5°	554.4	596.0	623.4	829.2	3794.9	6688.1	6487.1	6587.0	2677.9	824.4	754.2
70°	287.9	290.3	289.1	342.6	2564.8	4250.5	4470.6	4136.3	1868.9	345.0	297.4
72.5°	205.8	207.0	203.4	230.8	1238.4	2435.2	2523.2	2495.8	979.1	204.6	203.4
75°	134.4	135.6	133.2	135.6	186.8	277.2	255.8	268.9	163.0	129.7	129.7
77.5°	79.7	80.9	79.7	82.1	79.7	79.7	73.8	73.8	70.2	70.2	71.4
80°	53.5	53.5	52.3	54.7	50.0	50.0	47.6	46.4	42.8	41.6	41.6
82.5°	32.1	33.3	32.1	32.1	29.7	29.7	27.4	26.2	22.6	22.6	21.4
85°	16.7	16.7	15.5	15.5	13.1	11.9	9.5	9.5	7.1	5.9	5.9
87.5°	2.4	2.4	1.2	1.2	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°	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2
2.5°	2851.5	2827.8	2792.1	2757.6	2725.4	2692.1	2654.1	2614.8	2581.5	2547.0	2529.2
5°	3024.0	2975.3	2882.5	2800.4	2726.6	2666.0	2600.5	2544.6	2492.3	2449.4	2428.0
7.5°	3179.9	3103.7	2963.4	2833.7	2733.8	2650.5	2560.1	2476.8	2406.6	2354.3	2334.1
10°	3323.8	3233.4	3049.0	2884.9	2768.3	2675.5	2564.8	2451.8	2359.0	2290.0	2273.4
12.5°	3440.4	3336.9	3116.8	2926.5	2788.5	2688.6	2591.0	2493.5	2401.9	2312.6	2298.4
15°	3543.9	3421.4	3168.0	2952.7	2781.4	2654.1	2572.0	2560.1	2560.1	2459.0	2430.4
17.5°	3633.1	3498.7	3209.6	2964.6	2736.1	2551.8	2501.8	2605.3	2721.9	2649.3	2585.1
20°	3735.4	3572.5	3244.1	2964.6	2652.9	2422.1	2417.3	2593.4	2765.9	2767.1	2699.3
22.5°	3838.9	3658.1	3284.6	2953.9	2538.7	2272.2	2360.2	2545.8	2699.3	2764.7	2718.3
25°	4006.7	3777.1	3348.8	2945.5	2405.4	2169.9	2309.1	2482.8	2612.4	2681.4	2651.7
27.5°	4219.6	3934.1	3446.4	2958.6	2273.4	2109.2	2254.3	2400.7	2518.4	2579.1	2557.7
30°	4457.5	4114.9	3551.0	2981.2	2178.2	2078.3	2188.9	2306.7	2411.4	2472.1	2462.5
32.5°	4760.9	4311.2	3641.5	2950.3	2124.7	2062.8	2119.9	2204.4	2305.5	2343.6	2351.9
35°	5123.7	4527.7	3710.5	2828.9	2075.9	2046.2	2045.0	2097.3	2168.7	2229.4	2235.3
37.5°	5458.0	4781.1	3786.6	2620.8	1987.9	2004.5	1956.9	1987.9	2058.1	2118.7	2142.5
40°	5788.7	5038.1	3892.5	2355.5	1872.5	1911.7	1855.8	1877.2	1933.1	2012.9	2050.9
42.5°	6109.9	5270.1	4004.3	2084.2	1757.1	1782.1	1740.4	1761.8	1820.1	1920.1	1962.9
45°	6459.7	5584.1	4091.1	1828.5	1657.2	1646.4	1613.1	1644.1	1732.1	1841.5	1892.7
47.5°	7121.1	6079.0	4148.2	1658.3	1603.6	1526.3	1488.2	1554.8	1654.8	1765.4	1827.3
50°	7928.9	6795.2	4131.6	1550.1	1557.2	1402.6	1389.5	1477.5	1584.6	1700.0	1767.8
52.5°	8568.9	7498.2	3942.4	1446.6	1466.8	1324.1	1286.0	1414.5	1516.8	1634.6	1704.7
55°	9057.8	7735.0	3361.9	1324.1	1319.3	1267.0	1187.3	1349.0	1449.0	1558.4	1634.6
57.5°	8659.3	7208.0	2492.3	1155.1	1126.6	1153.9	1076.6	1238.4	1365.7	1474.0	1541.8
60°	7186.6	5747.1	1388.3	1023.1	942.2	1008.8	996.9	1121.8	1275.3	1389.5	1447.8
62.5°	4878.7	3827.0	823.2	808.9	763.7	858.9	922.0	1004.0	1155.1	1247.9	1302.6
65°	2431.6	1859.4	547.2	605.5	611.5	706.6	825.6	916.0	1042.1	1137.3	1192.0
67.5°	705.5	578.2	416.4	462.8	527.0	603.1	698.3	805.4	927.9	1040.9	1105.2
70°	304.5	308.1	330.7	385.4	448.5	527.0	622.2	726.9	830.4	917.2	966.0
72.5°	215.3	223.7	248.6	304.5	364.0	439.0	534.1	635.3	710.2	798.2	849.4
75°	138.0	143.9	164.2	207.0	251.0	323.6	414.0	506.8	584.1	647.2	695.9
77.5°	76.1	77.3	94.0	119.0	148.7	195.1	261.7	334.3	391.4	427.1	471.1
80°	44.0	44.0	52.3	67.8	85.7	114.2	151.1	186.8	221.3	243.9	265.3
82.5°	23.8	23.8	27.4	36.9	46.4	63.1	84.5	102.3	123.7	135.6	149.9
85°	7.1	7.1	9.5	13.1	16.7	23.8	33.3	42.8	52.3	60.7	69.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2
2.5°	2525.6	2508.9	2499.4	2487.5	2491.1	2480.4	2474.4	2478.0	2456.6	2478.0	2499.4
5°	2419.7	2395.9	2376.9	2361.4	2354.3	2340.0	2331.7	2331.7	2318.6	2340.0	2366.2
7.5°	2326.9	2307.9	2298.4	2288.8	2278.1	2265.1	2250.8	2246.0	2237.7	2260.3	2282.9
10°	2265.1	2267.4	2273.4	2286.5	2284.1	2275.8	2254.3	2242.5	2242.5	2268.6	2303.1
12.5°	2293.6	2318.6	2332.9	2356.7	2361.4	2354.3	2332.9	2323.3	2347.1	2386.4	2443.5
15°	2404.2	2420.9	2432.8	2451.8	2450.6	2444.7	2428.0	2435.2	2513.7	2589.8	2641.0
17.5°	2524.4	2505.4	2503.0	2514.9	2518.4	2511.3	2501.8	2533.9	2663.6	2735.0	2761.1
20°	2611.2	2545.8	2531.5	2536.3	2545.8	2542.2	2542.2	2594.6	2729.0	2762.3	2729.0
22.5°	2637.4	2544.6	2523.2	2524.4	2537.5	2538.7	2544.6	2599.3	2677.9	2679.0	2627.9
25°	2595.8	2506.6	2491.1	2493.5	2508.9	2507.7	2510.1	2541.0	2575.5	2561.3	2523.2
27.5°	2517.3	2439.9	2435.2	2448.3	2468.5	2457.8	2450.6	2459.0	2475.6	2457.8	2424.5
30°	2428.0	2362.6	2365.0	2390.0	2411.4	2393.5	2375.7	2380.4	2381.6	2362.6	2324.5
32.5°	2334.1	2285.3	2293.6	2319.8	2344.8	2325.7	2306.7	2304.3	2281.7	2259.1	2222.2
35°	2240.1	2221.0	2231.7	2253.2	2274.6	2259.1	2247.2	2240.1	2191.3	2158.0	2127.1
37.5°	2154.4	2168.7	2187.7	2200.8	2208.0	2206.8	2199.6	2183.0	2118.7	2079.5	2039.0
40°	2078.3	2122.3	2142.5	2148.5	2159.2	2156.8	2155.6	2131.8	2047.4	2005.7	1959.3
42.5°	2009.3	2071.1	2105.6	2111.6	2117.5	2118.7	2115.2	2080.7	1984.3	1935.5	1891.5
45°	1942.7	2023.6	2067.6	2061.6	2070.0	2070.0	2073.5	2028.3	1922.4	1872.5	1826.1
47.5°	1884.4	1979.5	2020.0	2012.9	2017.6	2021.2	2024.8	1972.4	1854.6	1807.0	1759.5
50°	1830.8	1932.0	1966.5	1968.8	1968.8	1977.2	1976.0	1924.8	1797.5	1746.4	1698.8
52.5°	1773.7	1883.2	1920.1	1935.5	1940.3	1943.9	1927.2	1867.7	1739.2	1677.4	1633.4
55°	1707.1	1833.2	1866.5	1886.8	1896.3	1893.9	1871.3	1810.6	1679.8	1617.9	1567.9
57.5°	1606.0	1726.2	1773.7	1783.3	1798.7	1789.2	1763.0	1711.9	1584.6	1522.7	1471.6
60°	1495.4	1582.2	1620.3	1628.6	1616.7	1620.3	1616.7	1567.9	1457.3	1408.5	1356.2
62.5°	1350.2	1427.6	1468.0	1478.7	1458.5	1471.6	1466.8	1406.1	1295.5	1244.4	1198.0
65°	1240.8	1325.2	1372.8	1378.8	1372.8	1378.8	1362.1	1288.4	1183.7	1131.3	1083.8
67.5°	1155.1	1242.0	1291.9	1308.6	1302.6	1301.5	1275.3	1189.6	1081.4	1024.3	963.6
70°	1007.6	1083.8	1148.0	1188.4	1188.4	1165.8	1115.9	1036.2	949.3	900.5	853.0
72.5°	892.2	988.6	1051.6	1093.3	1101.6	1088.5	1018.3	933.9	833.9	785.2	735.2
75°	735.2	829.2	897.0	951.7	962.4	948.1	867.2	784.0	691.2	643.6	593.6
77.5°	491.3	547.2	602.0	651.9	641.2	650.7	596.0	533.0	475.9	440.2	417.6
80°	277.2	314.1	330.7	358.1	358.1	358.1	322.4	292.6	260.5	240.3	217.7
82.5°	157.0	180.8	188.0	210.6	216.5	217.7	193.9	174.9	154.7	143.9	128.5
85°	72.6	85.7	86.8	99.9	104.7	114.2	103.5	90.4	78.5	73.8	64.2
87.5°	2.4	7.1	9.5	17.8	23.8	27.4	29.7	29.7	25.0	22.6	19.0
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: P633864

CATALOG NUMBER: GWS-SA2F-750-U-SLR-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2	2667.2
2.5°	2525.6	2554.1	2587.4	2611.2	2654.1	2689.8	2726.6	2767.1	2796.8	2789.7
5°	2398.3	2445.9	2506.6	2562.5	2642.2	2723.1	2812.3	2903.9	2957.4	2955.0
7.5°	2326.9	2394.7	2468.5	2543.4	2637.4	2754.0	2890.8	3033.6	3106.1	3109.7
10°	2365.0	2437.6	2487.5	2550.6	2649.3	2795.6	2959.8	3131.1	3214.4	3231.0
12.5°	2485.1	2479.2	2475.6	2520.8	2639.8	2825.4	3026.4	3231.0	3325.0	3345.2
15°	2599.3	2476.8	2403.1	2434.0	2597.0	2844.4	3091.8	3340.5	3446.4	3467.8
17.5°	2620.8	2435.2	2298.4	2319.8	2529.2	2850.4	3154.9	3447.5	3561.8	3582.0
20°	2561.3	2381.6	2222.2	2192.5	2443.5	2834.9	3194.2	3536.8	3661.7	3683.1
22.5°	2486.3	2334.1	2165.1	2087.8	2338.8	2819.4	3238.2	3630.8	3774.7	3793.7
25°	2407.8	2273.4	2111.6	1993.8	2219.8	2809.9	3311.9	3754.5	3928.2	3950.8
27.5°	2324.5	2199.6	2065.2	1948.6	2110.4	2821.8	3416.6	3954.3	4151.8	4183.9
30°	2235.3	2125.9	2035.5	1933.1	2035.5	2832.5	3532.0	4158.9	4390.9	4436.1
32.5°	2142.5	2058.1	2004.5	1940.3	1989.1	2807.5	3633.1	4388.5	4676.4	4715.7
35°	2049.7	1989.1	1965.3	1953.4	1927.2	2715.9	3715.2	4620.5	5002.4	5036.9
37.5°	1962.9	1917.7	1910.5	1923.6	1832.0	2566.0	3810.4	4915.6	5322.4	5374.7
40°	1882.0	1840.4	1839.2	1836.8	1727.3	2361.4	3938.9	5215.3	5637.7	5661.4
42.5°	1807.0	1754.7	1764.2	1735.7	1641.7	2140.1	4060.2	5471.1	5931.5	5948.1
45°	1740.4	1671.4	1682.1	1646.4	1601.2	1908.2	4167.3	5773.3	6303.8	6314.6
47.5°	1676.2	1602.4	1572.7	1570.3	1594.1	1694.0	4272.0	6355.0	6886.8	6905.8
50°	1616.7	1537.0	1452.5	1504.9	1550.1	1533.4	4402.8	6978.4	7488.7	7484.0
52.5°	1559.6	1454.9	1334.8	1435.9	1435.9	1414.5	4365.9	7356.7	7986.0	8068.1
55°	1494.2	1322.9	1212.2	1320.5	1268.1	1307.4	3712.8	7480.4	8298.9	8415.4
57.5°	1364.5	1159.9	1063.5	1121.8	1043.3	1212.2	2667.2	6866.5	7767.1	7974.1
60°	1239.6	1039.7	976.7	966.0	863.7	988.6	1728.5	5375.9	6393.1	6497.8
62.5°	1093.3	936.2	882.7	800.6	694.7	719.7	1046.9	3538.0	4295.8	4319.5
65°	982.6	848.2	745.9	648.3	568.6	522.2	618.6	1705.9	2147.3	2118.7
67.5°	843.4	726.9	629.3	559.1	493.7	435.4	411.6	506.8	573.4	554.4
70°	750.7	638.8	544.9	478.2	417.6	359.3	317.6	298.6	292.6	287.9
72.5°	647.2	549.6	452.1	387.8	330.7	277.2	239.1	216.5	210.6	205.8
75°	516.3	424.7	335.5	274.8	224.8	186.8	161.8	142.8	139.2	134.4
77.5°	341.4	272.4	199.9	163.0	133.2	113.0	96.4	84.5	82.1	79.7
80°	188.0	157.0	122.5	98.7	79.7	69.0	63.1	55.9	54.7	53.5
82.5°	111.8	94.0	70.2	55.9	46.4	41.6	38.1	34.5	33.3	32.1
85°	55.9	44.0	30.9	26.2	23.8	21.4	21.4	17.8	16.7	16.7
87.5°	14.3	11.9	7.1	5.9	5.9	5.9	4.8	3.6	3.6	2.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)