

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: P642277

Luminaire Tested: GWS-SA6C-750-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642277  
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-SA6C-750-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

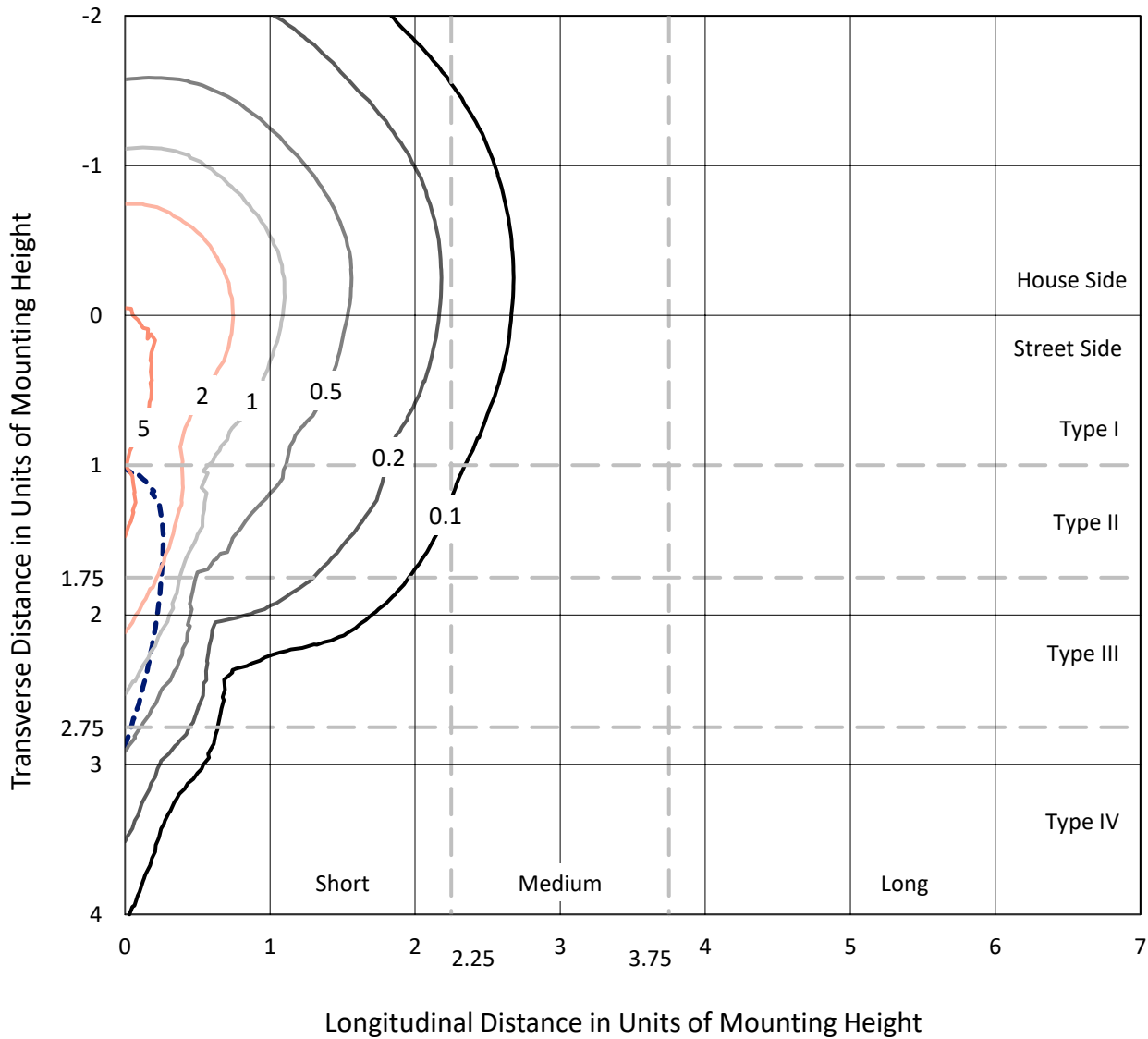
Lumens per Lamp: N/A  
Luminaire Lumens: 27222.4 lumens  
Efficiency: N/A  
Efficacy: 143.9 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 189.2  
Input Voltage (V): 120  
Input Current (Ain): 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

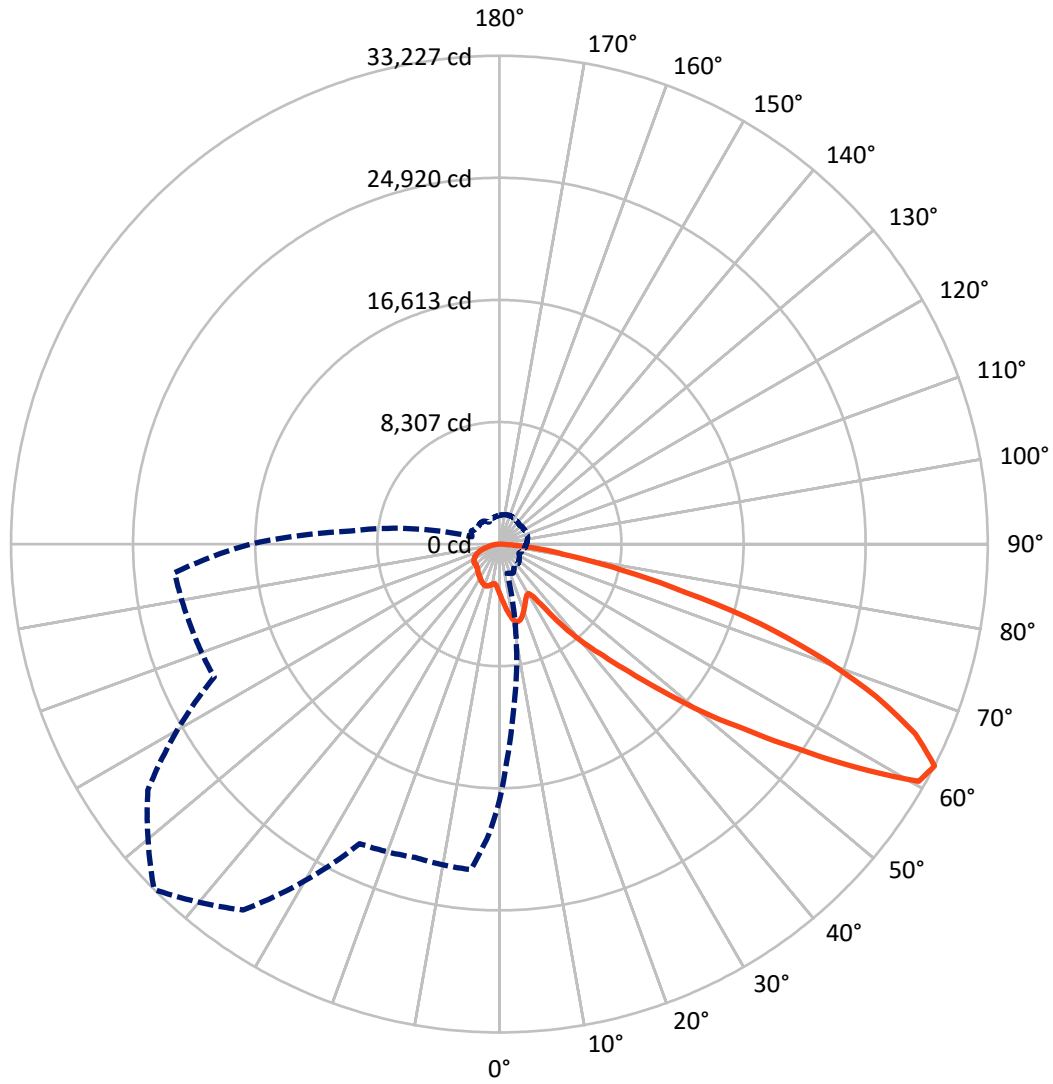
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 fc  
 Type III - Short - N/A

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CATALOG NUMBER: GWS-SA6C-750-U-SLL-W

### 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	6508.9	0.0	6508.9
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	20713.5	0.0	20713.5
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	27222.4	0.0	27222.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	334.4	1.2
10°-20°	1086.7	4.0
20°-30°	1710.7	6.3
30°-40°	2344.8	8.6
40°-50°	3658.7	13.4
50°-60°	6308.3	23.2
60°-70°	7310.5	26.9
70°-80°	3858.8	14.2
80°-90°	609.6	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°	27222.4	100.0
0°-180°	27222.4	100.0

**Coefficient of Utilization**



REPORT NUMBER: P642277

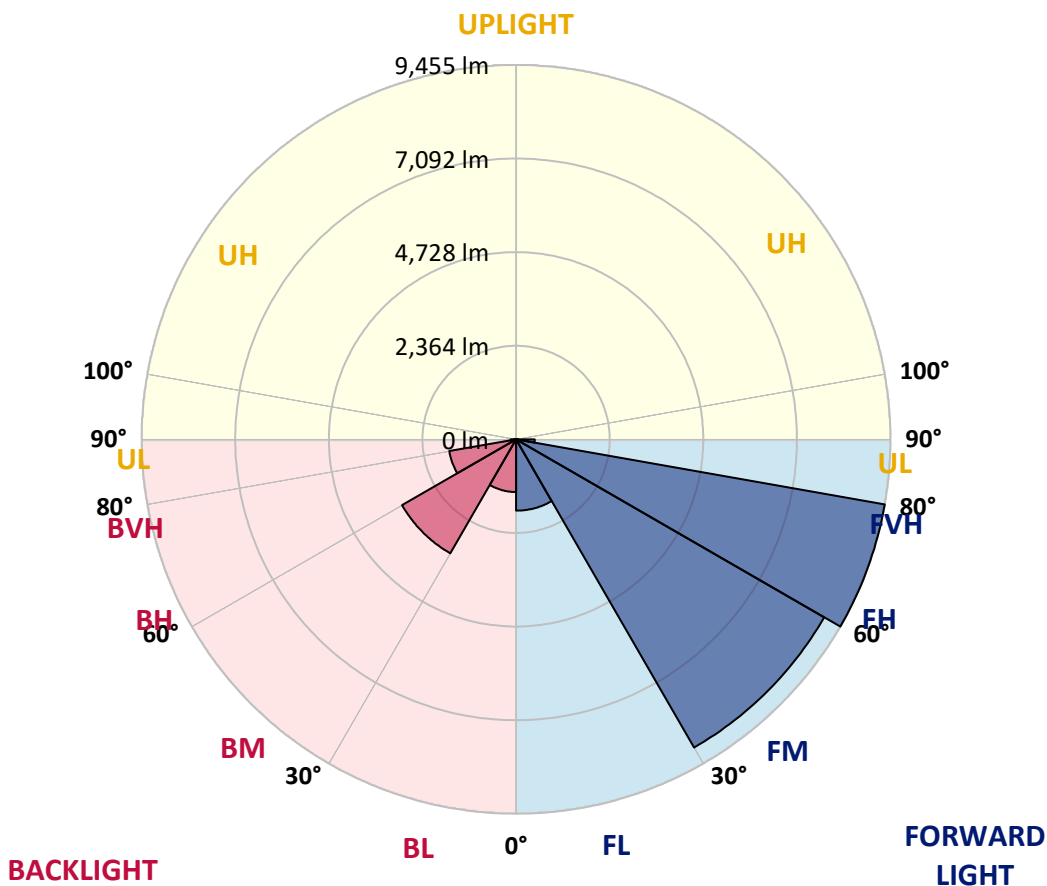
CATALOG NUMBER: GWS-SA6C-750-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1800.4	6.6			
FM (30°-60°)	8987.1	33.0			
FH (60°-80°)	9455.5	34.7			G4/12000
FVH (80°-90°)	470.5	1.7			G3/500
BL (0°-30°)	1331.3	4.9	B3/2500		
BM (30°-60°)	3324.7	12.2	B3/5000		
BH (60°-80°)	1713.8	6.3	B3/2500		G3/2500
BVH (80°-90°)	139.1	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type III Short





REPORT NUMBER: P642277  
 CATALOG NUMBER: GWS-SA6C-750-U-SLL-W

**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1
2.5°	3687.7	3673.1	3652.3	3581.5	3537.7	3487.8	3435.7	3375.3	3306.6	3258.7	3210.8
5°	4000.0	3977.1	3927.1	3758.5	3641.9	3514.8	3408.6	3287.9	3169.2	3088.0	3006.8
7.5°	4299.8	4270.7	4193.7	3935.5	3746.0	3562.7	3402.4	3227.5	3050.5	2929.7	2833.9
10°	4599.7	4539.3	4441.4	4104.1	3854.2	3641.9	3458.6	3244.1	3008.9	2844.4	2742.3
12.5°	4828.7	4772.5	4666.3	4258.2	3962.5	3696.0	3489.9	3292.0	3092.1	2917.2	2813.1
15°	5043.2	4970.3	4849.6	4401.9	4052.1	3693.9	3427.4	3254.6	3225.4	3181.7	3046.3
17.5°	5197.3	5130.7	5005.7	4518.5	4102.0	3629.4	3254.6	3152.5	3283.7	3417.0	3287.9
20°	5332.6	5255.6	5128.6	4599.7	4112.4	3485.7	3044.3	3046.3	3252.5	3435.7	3404.5
22.5°	5447.2	5361.8	5249.4	4691.3	4108.3	3285.8	2861.0	2985.9	3192.1	3335.8	3339.9
25°	5588.8	5518.0	5424.3	4826.7	4108.3	3081.7	2727.7	2913.1	3090.1	3210.8	3206.7
27.5°	5761.6	5713.7	5636.7	5032.8	4145.8	2911.0	2652.8	2819.4	2958.9	3063.0	3060.9
30°	5955.2	5911.5	5853.2	5251.4	4210.3	2784.0	2611.1	2702.8	2804.8	2888.1	2888.1
32.5°	6153.1	6136.4	6073.9	5426.3	4160.3	2744.4	2575.7	2586.2	2640.3	2709.0	2702.8
35°	6427.9	6411.3	6332.1	5561.7	3943.8	2688.2	2519.5	2467.5	2473.7	2517.4	2532.0
37.5°	6829.8	6804.8	6688.2	5719.9	3616.9	2546.6	2427.9	2342.5	2323.8	2342.5	2369.6
40°	7314.9	7277.5	7119.2	5934.4	3240.0	2355.0	2284.2	2213.4	2182.2	2188.4	2219.7
42.5°	7923.0	7843.8	7616.9	6161.4	2867.3	2186.4	2123.9	2080.2	2044.8	2040.6	2101.0
45°	8910.0	8693.4	8333.2	6363.4	2552.8	2096.8	1980.2	1949.0	1919.8	1936.5	2007.3
47.5°	10634.1	10234.3	9532.5	6536.2	2361.3	2098.9	1865.7	1832.4	1830.3	1863.6	1942.7
50°	13003.7	12426.9	11344.1	6652.8	2261.3	2123.9	1797.0	1742.8	1782.4	1815.7	1890.7
52.5°	15273.3	14392.5	13103.6	6650.7	2217.6	2128.1	1815.7	1659.6	1782.4	1790.7	1861.5
55°	17211.9	15616.9	13578.4	5967.7	2155.1	2111.4	1888.6	1595.0	1759.5	1790.7	1847.0
57.5°	18752.8	16395.6	13543.0	4820.4	2344.6	2019.8	1932.3	1580.4	1692.9	1794.9	1859.5
60°	18582.0	16039.6	12670.5	2958.9	2325.9	1857.4	1926.1	1607.5	1580.4	1738.7	1844.9
62.5°	17447.2	14763.2	11169.2	2053.1	2184.3	1763.7	1824.1	1655.4	1476.3	1657.5	1774.1
65°	15858.4	13116.1	9307.7	1574.2	1809.5	1767.8	1651.2	1622.1	1384.7	1528.4	1653.3
67.5°	13757.4	11073.4	7348.3	1247.3	1261.8	1530.5	1499.2	1440.9	1299.3	1413.8	1526.3
70°	10342.5	8081.2	5055.7	1003.6	955.8	1278.5	1347.2	1295.2	1216.0	1249.4	1368.0
72.5°	7287.9	5276.4	2769.4	795.4	737.1	982.8	1170.2	1161.9	1074.4	1099.4	1216.0
75°	5415.9	3733.5	1730.4	628.8	599.7	703.8	980.7	1005.7	932.8	962.0	1051.5
77.5°	3604.4	2417.5	962.0	466.4	466.4	514.3	730.9	847.5	793.3	816.2	878.7
80°	1988.5	1230.6	481.0	306.1	314.4	354.0	533.1	610.1	612.2	668.4	685.1
82.5°	628.8	391.5	214.5	179.1	168.7	202.0	343.6	437.3	408.1	520.6	478.9
85°	143.7	91.6	39.6	39.6	43.7	66.6	131.2	233.2	297.8	358.1	260.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	91.6	135.3	120.8
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: P642277  
 CATALOG NUMBER: GWS-SA6C-750-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1
2.5°	3181.7	3140.0	3127.5	3092.1	3088.0	3054.7	3042.2	3042.2	3056.7	3056.7	3071.3
5°	2973.5	2921.4	2892.2	2850.6	2840.2	2815.2	2798.5	2800.6	2819.4	2831.9	2856.8
7.5°	2790.2	2754.8	2734.0	2715.3	2711.1	2706.9	2688.2	2686.1	2692.4	2711.1	2729.8
10°	2713.2	2688.2	2694.4	2709.0	2731.9	2744.4	2727.7	2719.4	2713.2	2725.7	2742.3
12.5°	2788.1	2763.1	2775.6	2800.6	2831.9	2844.4	2838.1	2836.0	2842.3	2890.2	2925.6
15°	2952.6	2904.7	2888.1	2898.5	2923.5	2936.0	2929.7	2938.1	2977.6	3102.6	3192.1
17.5°	3156.7	3040.1	2973.5	2954.7	2965.1	2975.5	2975.5	2996.4	3065.1	3248.3	3360.8
20°	3267.1	3115.0	3002.6	2956.8	2961.0	2971.4	2971.4	3000.5	3077.6	3273.3	3346.2
22.5°	3237.9	3098.4	2961.0	2911.0	2913.1	2921.4	2921.4	2946.4	3015.1	3187.9	3221.2
25°	3123.4	3000.5	2865.2	2821.5	2825.6	2840.2	2836.0	2850.6	2902.7	3044.3	3063.0
27.5°	2985.9	2877.7	2744.4	2711.1	2729.8	2759.0	2734.0	2736.1	2784.0	2902.7	2904.7
30°	2838.1	2748.6	2629.9	2604.9	2640.3	2654.9	2632.0	2632.0	2679.9	2761.1	2759.0
32.5°	2677.8	2621.6	2536.2	2509.1	2548.7	2571.6	2542.4	2546.6	2584.1	2638.2	2617.4
35°	2527.9	2498.7	2459.1	2440.4	2465.4	2486.2	2467.5	2475.8	2511.2	2525.8	2496.6
37.5°	2384.2	2380.0	2384.2	2384.2	2390.4	2396.7	2384.2	2405.0	2436.2	2417.5	2384.2
40°	2259.2	2275.9	2315.5	2305.1	2298.8	2305.1	2296.7	2332.1	2363.4	2330.0	2290.5
42.5°	2155.1	2186.4	2246.7	2246.7	2234.3	2238.4	2234.3	2278.0	2300.9	2255.1	2211.4
45°	2065.6	2111.4	2188.4	2198.9	2178.0	2178.0	2186.4	2240.5	2248.8	2186.4	2140.6
47.5°	2003.1	2059.3	2146.8	2165.5	2134.3	2132.2	2155.1	2213.4	2213.4	2140.6	2088.5
50°	1959.4	2021.9	2126.0	2151.0	2119.7	2111.4	2148.9	2205.1	2192.6	2105.2	2053.1
52.5°	1930.2	1994.8	2123.9	2159.3	2138.5	2130.1	2167.6	2207.2	2176.0	2082.3	2028.1
55°	1911.5	1982.3	2130.1	2159.3	2136.4	2121.8	2159.3	2194.7	2178.0	2069.8	2017.7
57.5°	1921.9	1992.7	2121.8	2136.4	2109.3	2084.3	2128.1	2178.0	2171.8	2073.9	2021.9
60°	1905.3	1969.8	2076.0	2080.2	2034.4	1994.8	2059.3	2134.3	2134.3	2059.3	2013.5
62.5°	1828.2	1892.8	1986.5	1990.6	1938.6	1894.8	1969.8	2059.3	2057.3	1996.9	1949.0
65°	1701.2	1761.6	1867.8	1878.2	1826.1	1780.3	1857.4	1940.7	1946.9	1892.8	1851.1
67.5°	1561.7	1615.8	1695.0	1736.6	1692.9	1645.0	1715.8	1794.9	1792.8	1728.3	1684.5
70°	1395.1	1445.1	1518.0	1553.4	1526.3	1480.5	1545.0	1586.7	1567.9	1536.7	1507.5
72.5°	1230.6	1278.5	1347.2	1347.2	1318.1	1274.3	1293.1	1368.0	1390.9	1368.0	1349.3
75°	1057.8	1099.4	1147.3	1157.7	1093.2	1014.1	1101.5	1166.1	1193.1	1182.7	1159.8
77.5°	880.8	912.0	982.8	964.1	843.3	801.7	872.5	968.2	987.0	980.7	949.5
80°	678.8	697.6	772.5	735.0	641.3	614.3	645.5	720.5	724.6	703.8	664.2
82.5°	456.0	481.0	531.0	458.1	456.0	431.0	406.0	414.4	451.8	447.7	420.6
85°	233.2	245.7	293.6	274.9	235.3	204.1	193.6	206.1	185.3	168.7	145.8
87.5°	97.9	106.2	145.8	81.2	25.0	0.0	0.0	12.5	18.7	27.1	29.2
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°	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1
2.5°	3104.6	3127.5	3183.8	3254.6	3323.3	3394.1	3471.1	3519.0	3577.3	3652.3	3654.4
5°	2888.1	2940.1	3021.3	3129.6	3242.1	3371.2	3521.1	3646.0	3795.9	3914.6	3962.5
7.5°	2754.8	2829.8	2931.8	3069.2	3217.1	3377.4	3573.1	3783.5	4029.2	4187.4	4281.1
10°	2767.3	2881.8	2983.9	3100.5	3233.7	3406.6	3658.5	3937.5	4239.5	4447.7	4564.3
12.5°	2990.1	3110.9	3092.1	3085.9	3175.4	3385.7	3727.2	4093.7	4462.3	4670.5	4810.0
15°	3271.2	3317.0	3140.0	3006.8	3060.9	3310.8	3764.7	4233.2	4647.6	4901.6	5039.0
17.5°	3414.9	3323.3	3108.8	2908.9	2894.3	3196.3	3783.5	4374.8	4855.8	5109.8	5255.6
20°	3348.3	3215.0	3033.8	2844.4	2740.2	3040.1	3773.0	4487.3	5045.3	5328.5	5447.2
22.5°	3204.6	3088.0	2946.4	2765.2	2615.3	2869.3	3746.0	4599.7	5214.0	5499.2	5603.3
25°	3048.4	2961.0	2844.4	2686.1	2544.5	2719.4	3727.2	4749.6	5407.6	5680.4	5747.0
27.5°	2892.2	2827.7	2731.9	2609.1	2527.9	2615.3	3733.5	4945.3	5657.5	5915.7	5888.6
30°	2738.2	2681.9	2615.3	2561.2	2525.8	2590.3	3716.8	5153.6	5932.3	6171.8	6011.5
32.5°	2592.4	2540.3	2498.7	2507.0	2527.9	2600.7	3631.4	5343.1	6184.3	6388.3	6144.7
35°	2467.5	2413.3	2413.3	2442.5	2519.5	2565.3	3410.7	5490.9	6463.3	6667.4	6334.2
37.5°	2350.9	2303.0	2334.2	2382.1	2455.0	2469.6	3127.5	5634.6	6869.3	7060.9	6627.8
40°	2248.8	2200.9	2257.2	2317.5	2355.0	2348.8	2840.2	5834.5	7348.3	7546.1	7017.2
42.5°	2167.6	2123.9	2173.9	2250.9	2257.2	2263.4	2629.9	6026.0	7904.2	8156.2	7687.7
45°	2101.0	2069.8	2094.7	2171.8	2171.8	2267.6	2498.7	6186.4	8741.3	9186.9	8918.3
47.5°	2048.9	2030.2	2042.7	2067.7	2109.3	2342.5	2415.4	6309.2	10265.5	11140.0	10869.4
50°	2019.8	2001.0	2017.7	1965.6	2090.6	2380.0	2388.3	6402.9	12274.9	13645.0	13309.8
52.5°	1994.8	1988.5	1999.0	1878.2	2132.2	2355.0	2367.5	6278.0	13622.1	16110.4	16441.5
55°	1986.5	1990.6	1940.7	1813.6	2182.2	2271.7	2305.1	5384.7	13988.6	18236.4	20291.5
57.5°	1990.6	1978.1	1851.1	1819.9	2184.3	2105.2	2394.6	3841.8	13455.5	19160.9	24058.3
60°	1976.1	1913.6	1742.8	1876.1	2088.5	1909.4	2330.0	2504.9	12050.0	18450.8	24277.0
62.5°	1911.5	1819.9	1649.1	1907.3	1917.8	1792.8	2115.6	1930.2	10176.0	16930.8	22169.7
65°	1817.8	1695.0	1570.0	1842.8	1744.9	1738.7	1590.8	1547.1	8183.2	15121.3	20170.8
67.5°	1663.7	1540.9	1511.7	1695.0	1570.0	1540.9	1278.5	1282.7	6529.9	13193.1	18161.4
70°	1488.8	1366.0	1388.9	1532.5	1397.2	1280.6	1034.9	1068.2	4953.7	10992.2	15452.4
72.5°	1374.3	1209.8	1211.9	1349.3	1228.5	1037.0	851.6	880.8	3144.2	8285.3	12285.3
75°	1159.8	1066.1	1020.3	1093.2	1043.2	807.9	716.3	710.0	1863.6	5938.6	9199.4
77.5°	968.2	895.4	872.5	901.6	778.8	597.6	576.8	566.4	1055.7	3804.3	6028.1
80°	701.7	683.0	680.9	695.5	599.7	439.4	439.4	441.4	568.5	2065.6	3398.2
82.5°	445.6	487.2	431.0	478.9	408.1	312.3	291.5	331.1	326.9	880.8	1432.6
85°	185.3	254.0	237.4	252.0	193.6	170.7	183.2	197.8	189.5	339.4	558.0
87.5°	35.4	41.6	45.8	43.7	43.7	54.1	60.4	72.9	72.9	97.9	168.7
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: P642277  
 CATALOG NUMBER: GWS-SA6C-750-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1	3394.1
2.5°	3733.5	3793.9	3781.4	3808.4	3773.0	3785.5	3714.7	3696.0	3683.5	3687.7
5°	4116.6	4239.5	4262.4	4308.2	4276.9	4276.9	4152.0	4058.3	4025.0	4000.0
7.5°	4506.0	4683.0	4799.6	4812.1	4795.4	4762.1	4581.0	4412.3	4351.9	4299.8
10°	4851.6	5064.0	5195.2	5257.7	5226.5	5174.4	4949.5	4718.4	4645.5	4599.7
12.5°	5116.1	5303.5	5390.9	5432.6	5428.4	5409.7	5226.5	4976.6	4899.5	4828.7
15°	5286.8	5380.5	5347.2	5345.1	5374.3	5449.3	5393.0	5197.3	5107.8	5043.2
17.5°	5397.2	5307.7	5159.8	5091.1	5153.6	5330.6	5459.7	5349.3	5268.1	5197.3
20°	5436.8	5118.2	4903.7	4776.7	4849.6	5105.7	5424.3	5459.7	5390.9	5332.6
22.5°	5390.9	4887.0	4595.5	4445.6	4516.4	4822.5	5320.2	5549.2	5503.4	5447.2
25°	5278.5	4645.5	4295.7	4160.3	4237.4	4549.7	5134.8	5632.5	5634.6	5588.8
27.5°	5139.0	4422.7	4085.4	3958.4	4033.3	4324.8	4953.7	5705.4	5778.2	5761.6
30°	4997.4	4289.4	3985.4	3895.9	3952.1	4210.3	4768.4	5780.3	5926.1	5955.2
32.5°	4932.9	4354.0	4220.7	4260.3	4187.4	4276.9	4701.7	5886.5	6105.2	6153.1
35°	5018.2	4926.6	5263.9	5420.1	5161.9	4822.5	4787.1	6046.9	6357.1	6427.9
37.5°	5432.6	6153.1	6657.0	7206.7	6759.0	6011.5	5209.8	6319.6	6717.3	6829.8
40°	6334.2	7223.3	8133.3	8843.3	8166.6	7160.9	6013.5	6725.7	7212.9	7314.9
42.5°	7183.8	8227.0	9480.5	10398.8	9520.1	8100.0	6879.8	7408.7	7866.7	7923.0
45°	8016.7	9211.9	11110.9	12387.3	11194.2	8993.2	7764.7	8562.2	8907.9	8910.0
47.5°	8993.2	10321.7	13155.7	14973.5	13415.9	9982.3	8595.5	10388.4	10869.4	10634.1
50°	10161.4	11425.3	15260.8	17982.3	16125.0	11198.3	9651.2	12614.3	13270.2	13003.7
52.5°	11725.2	12641.3	17580.4	20916.2	19077.6	12583.0	11181.7	15554.4	15771.0	15273.3
55°	13926.1	14396.7	20558.1	24539.3	22373.8	14288.4	13420.1	19244.2	18638.2	17211.9
57.5°	18938.1	17174.4	24381.1	28672.6	26103.1	17386.8	18325.9	23312.9	21157.8	18752.8
60°	23131.7	20547.7	27918.8	32774.6	29299.4	20801.7	22931.8	24020.9	21064.1	18582.0
62.5°	21717.9	21407.6	29195.2	33226.5	30390.5	22482.1	22076.0	22236.4	19689.8	17447.2
65°	19054.7	19748.1	28056.3	31083.8	29180.7	20976.6	19968.8	20587.2	18117.7	15858.4
67.5°	17482.6	17992.7	26030.2	27654.4	26981.8	19348.3	18330.1	17882.4	15677.3	13757.4
70°	15875.1	16297.8	23185.9	23350.4	23552.3	16641.4	14988.0	13655.4	11685.6	10342.5
72.5°	13717.9	13740.8	19589.8	18636.1	19019.3	13022.4	12064.6	10209.3	8506.0	7287.9
75°	11508.6	10879.8	15506.5	13026.6	13794.9	10130.2	10017.7	7693.9	6415.4	5415.9
77.5°	8774.6	8039.6	11327.4	8566.4	9688.7	6746.5	7531.5	5218.1	4514.3	3604.4
80°	5890.7	5432.6	6259.2	4835.0	6338.4	4649.7	4912.0	2956.8	2563.3	1988.5
82.5°	3106.7	2652.8	3868.8	2867.3	3823.0	2554.9	1842.8	914.1	778.8	628.8
85°	1203.5	1393.0	1896.9	1020.3	1482.6	912.0	533.1	227.0	189.5	143.7
87.5°	233.2	360.2	197.8	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

(END OF REPORT)