

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: P642992

Luminaire Tested: GWS-SA6E-722-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642992  
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-SAGE-722-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

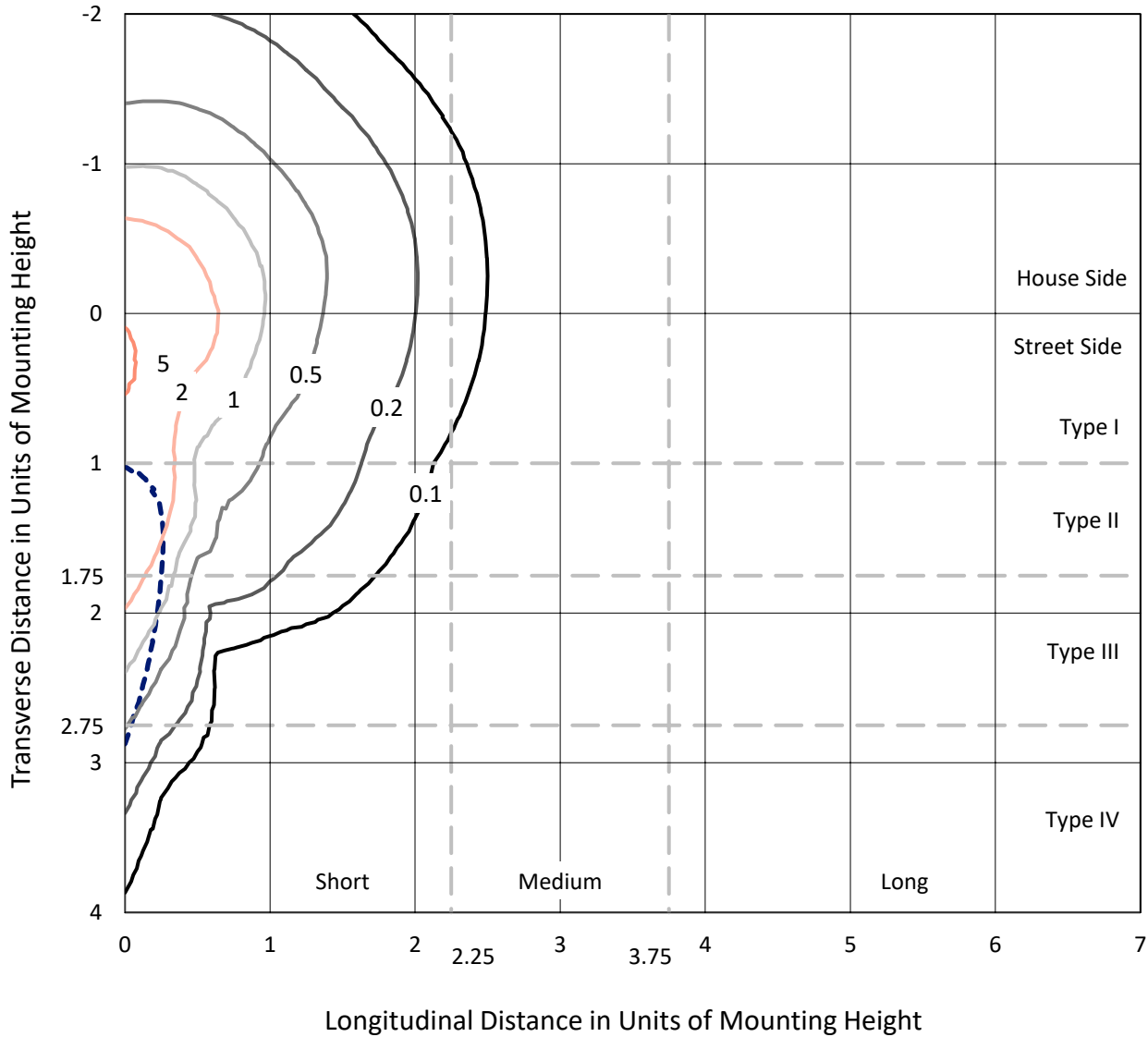
Lumens per Lamp: N/A  
Luminaire Lumens: 30903.9 lumens  
Efficiency: N/A  
Efficacy: 95.4 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 323.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

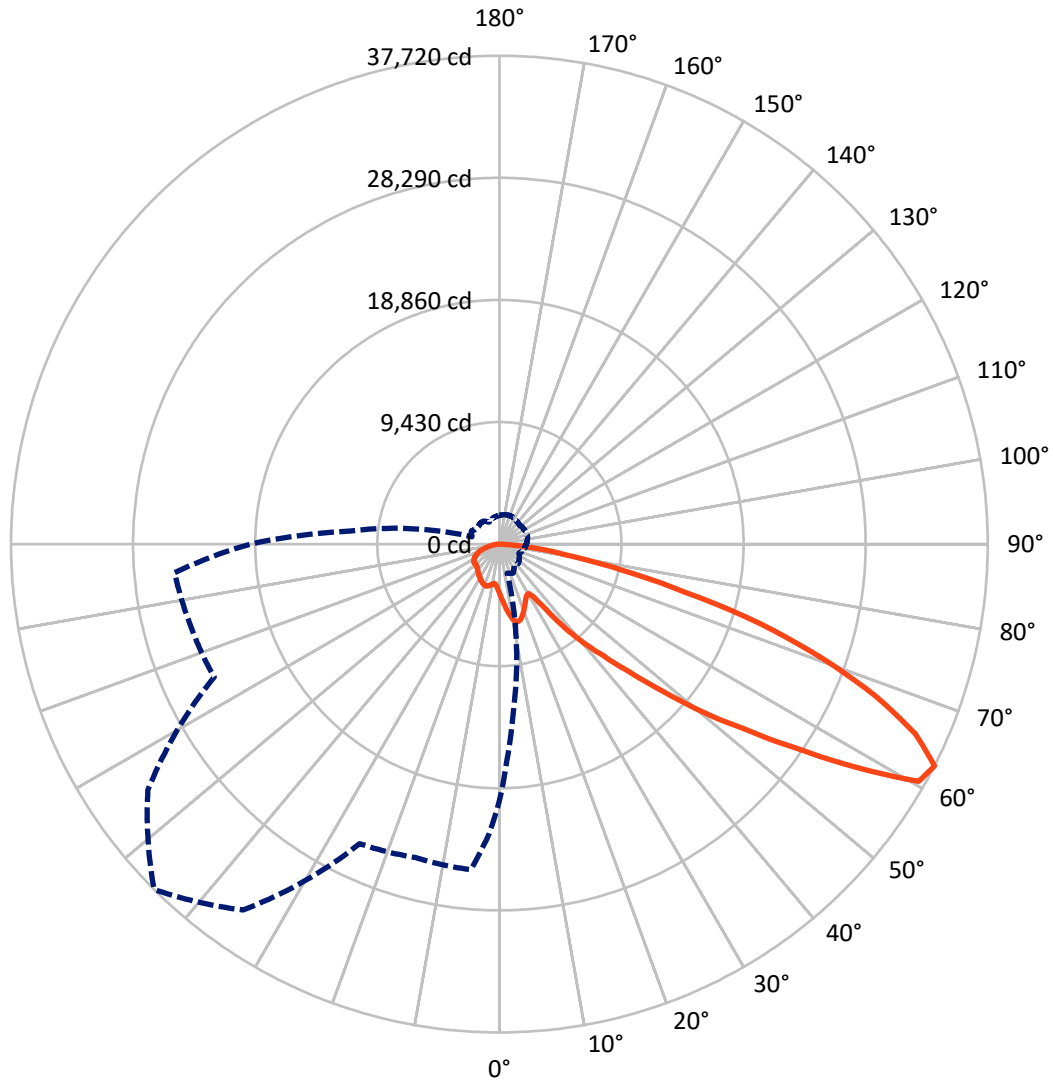
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 5.7 fc  
 Type III - Short - N/A

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### 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	7389.2	0.0	7389.2
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	23514.7	0.0	23514.7
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	30903.9	0.0	30903.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	379.6	1.2
10°-20°	1233.7	4.0
20°-30°	1942.0	6.3
30°-40°	2662.0	8.6
40°-50°	4153.5	13.4
50°-60°	7161.4	23.2
60°-70°	8299.1	26.9
70°-80°	4380.7	14.2
80°-90°	692.0	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°	30903.9	100.0
0°-180°	30903.9	100.0

**Coefficient of Utilization**



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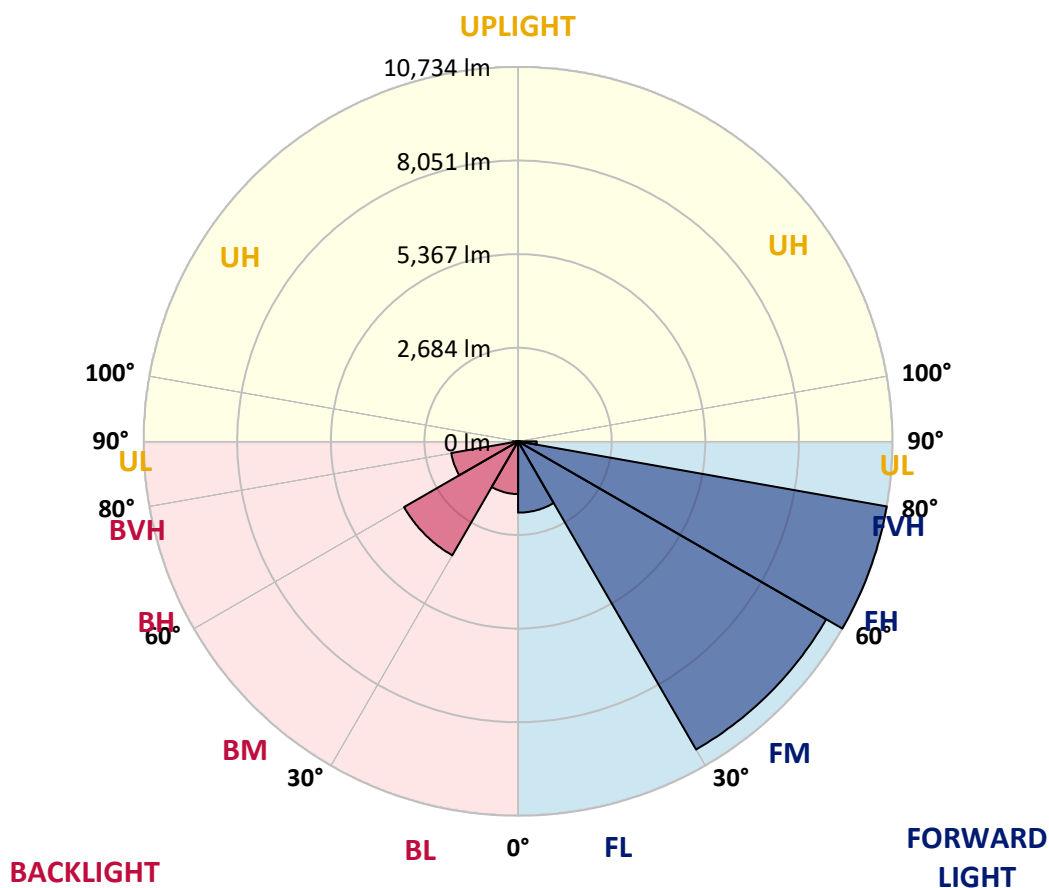
CATALOG NUMBER: GWS-SA6E-722-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2043.9	6.6			
FM (30°-60°)	10202.5	33.0			
FH (60°-80°)	10734.2	34.7			G4/12000
FVH (80°-90°)	534.1	1.7			G4/750
BL (0°-30°)	1511.4	4.9	B3/2500		
BM (30°-60°)	3774.3	12.2	B3/5000		
BH (60°-80°)	1945.6	6.3	B3/2500		G3/2500
BVH (80°-90°)	157.9	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





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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1
2.5°	4186.4	4169.8	4146.2	4065.8	4016.2	3959.4	3900.4	3831.8	3753.8	3699.4	3645.1
5°	4541.0	4515.0	4458.2	4266.8	4134.4	3990.2	3869.6	3732.5	3597.8	3505.6	3413.4
7.5°	4881.4	4848.3	4760.8	4467.7	4252.6	4044.5	3862.5	3664.0	3463.0	3325.9	3217.2
10°	5221.7	5153.2	5042.1	4659.1	4375.5	4134.4	3926.4	3682.9	3415.8	3229.0	3113.2
12.5°	5481.8	5417.9	5297.4	4834.1	4498.4	4195.8	3961.8	3737.2	3510.3	3311.8	3193.6
15°	5725.2	5642.5	5505.4	4997.2	4600.1	4193.5	3890.9	3694.7	3661.6	3612.0	3458.3
17.5°	5900.2	5824.5	5682.7	5129.6	4656.8	4120.2	3694.7	3578.9	3727.8	3879.1	3732.5
20°	6053.8	5966.4	5822.2	5221.7	4668.6	3957.1	3455.9	3458.3	3692.3	3900.4	3864.9
22.5°	6183.8	6086.9	5959.3	5325.8	4663.9	3730.2	3247.9	3389.8	3623.8	3786.9	3791.6
25°	6344.6	6264.2	6157.8	5479.4	4663.9	3498.5	3096.6	3307.0	3508.0	3645.1	3640.3
27.5°	6540.8	6486.4	6398.9	5713.4	4706.4	3304.7	3011.5	3200.7	3359.0	3477.2	3474.9
30°	6760.6	6711.0	6644.8	5961.6	4779.7	3160.5	2964.3	3068.3	3184.1	3278.7	3278.7
32.5°	6985.2	6966.3	6895.4	6160.2	4723.0	3115.6	2924.1	2935.9	2997.4	3075.4	3068.3
35°	7297.2	7278.3	7188.5	6313.8	4477.1	3051.7	2860.3	2801.2	2808.3	2857.9	2874.4
37.5°	7753.4	7725.1	7592.7	6493.5	4106.0	2891.0	2756.2	2659.3	2638.1	2659.3	2690.1
40°	8304.2	8261.7	8082.0	6737.0	3678.2	2673.5	2593.1	2512.8	2477.3	2484.4	2519.9
42.5°	8994.5	8904.6	8647.0	6994.6	3255.0	2482.0	2411.1	2361.5	2321.3	2316.6	2385.1
45°	10114.9	9869.1	9460.1	7223.9	2898.1	2380.4	2248.0	2212.6	2179.5	2198.4	2278.8
47.5°	12072.2	11618.3	10821.7	7420.1	2680.6	2382.8	2118.0	2080.2	2077.8	2115.6	2205.5
50°	14762.2	14107.5	12878.3	7552.5	2567.1	2411.1	2040.0	1978.5	2023.5	2061.3	2146.4
52.5°	17338.8	16338.9	14875.7	7550.1	2517.5	2415.9	2061.3	1884.0	2023.5	2032.9	2113.3
55°	19539.6	17728.9	15414.7	6774.8	2446.6	2396.9	2144.0	1810.7	1997.5	2032.9	2096.7
57.5°	21288.8	18613.0	15374.5	5472.3	2661.7	2292.9	2193.7	1794.2	1921.8	2037.6	2110.9
60°	21095.0	18208.7	14384.0	3359.0	2640.4	2108.6	2186.6	1824.9	1794.2	1973.8	2094.4
62.5°	19806.7	16759.7	12679.7	2330.8	2479.7	2002.2	2070.7	1879.3	1676.0	1881.6	2014.0
65°	18003.1	14889.9	10566.4	1787.1	2054.2	2006.9	1874.5	1841.4	1572.0	1735.1	1876.9
67.5°	15618.0	12571.0	8342.0	1415.9	1432.5	1737.4	1702.0	1635.8	1475.0	1605.1	1732.7
70°	11741.2	9174.1	5739.4	1139.4	1085.0	1451.4	1529.4	1470.3	1380.5	1418.3	1553.0
72.5°	8273.5	5990.0	3143.9	903.0	836.8	1115.7	1328.5	1319.0	1219.7	1248.1	1380.5
75°	6148.4	4238.4	1964.4	713.9	680.8	799.0	1113.4	1141.7	1059.0	1092.1	1193.7
77.5°	4091.8	2744.4	1092.1	529.5	529.5	583.9	829.7	962.1	900.6	926.6	997.5
80°	2257.5	1397.0	546.0	347.5	356.9	401.9	605.1	692.6	695.0	758.8	777.7
82.5°	713.9	444.4	243.5	203.3	191.5	229.3	390.0	496.4	463.3	591.0	543.7
85°	163.1	104.0	44.9	44.9	49.6	75.6	148.9	264.8	338.0	406.6	295.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	104.0	153.7	137.1
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°	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1
2.5°	3612.0	3564.7	3550.5	3510.3	3505.6	3467.8	3453.6	3453.6	3470.1	3470.1	3486.7
5°	3375.6	3316.5	3283.4	3236.1	3224.3	3195.9	3177.0	3179.4	3200.7	3214.8	3243.2
7.5°	3167.6	3127.4	3103.7	3082.5	3077.7	3073.0	3051.7	3049.4	3056.5	3077.7	3099.0
10°	3080.1	3051.7	3058.8	3075.4	3101.4	3115.6	3096.6	3087.2	3080.1	3094.3	3113.2
12.5°	3165.2	3136.8	3151.0	3179.4	3214.8	3229.0	3221.9	3219.6	3226.7	3281.0	3321.2
15°	3351.9	3297.6	3278.7	3290.5	3318.8	3333.0	3325.9	3335.4	3380.3	3522.1	3623.8
17.5°	3583.6	3451.2	3375.6	3354.3	3366.1	3377.9	3377.9	3401.6	3479.6	3687.6	3815.3
20°	3708.9	3536.3	3408.7	3356.7	3361.4	3373.2	3373.2	3406.3	3493.8	3716.0	3798.7
22.5°	3675.8	3517.4	3361.4	3304.7	3307.0	3316.5	3316.5	3344.8	3422.9	3619.1	3656.9
25°	3545.8	3406.3	3252.7	3203.0	3207.7	3224.3	3219.6	3236.1	3295.2	3455.9	3477.2
27.5°	3389.8	3266.8	3115.6	3077.7	3099.0	3132.1	3103.7	3106.1	3160.5	3295.2	3297.6
30°	3221.9	3120.3	2985.5	2957.2	2997.4	3013.9	2987.9	2987.9	3042.3	3134.5	3132.1
32.5°	3039.9	2976.1	2879.2	2848.4	2893.4	2919.4	2886.3	2891.0	2933.5	2995.0	2971.4
35°	2869.7	2836.6	2791.7	2770.4	2798.8	2822.4	2801.2	2810.6	2850.8	2867.4	2834.3
37.5°	2706.6	2701.9	2706.6	2706.6	2713.7	2720.8	2706.6	2730.2	2765.7	2744.4	2706.6
40°	2564.8	2583.7	2628.6	2616.8	2609.7	2616.8	2607.3	2647.5	2683.0	2645.1	2600.2
42.5°	2446.6	2482.0	2550.6	2550.6	2536.4	2541.1	2536.4	2586.1	2612.1	2560.1	2510.4
45°	2344.9	2396.9	2484.4	2496.2	2472.6	2472.6	2482.0	2543.5	2553.0	2482.0	2430.0
47.5°	2274.0	2337.8	2437.1	2458.4	2422.9	2420.6	2446.6	2512.8	2512.8	2430.0	2370.9
50°	2224.4	2295.3	2413.5	2441.9	2406.4	2396.9	2439.5	2503.3	2489.1	2389.9	2330.8
52.5°	2191.3	2264.6	2411.1	2451.3	2427.7	2418.2	2460.8	2505.7	2470.2	2363.9	2302.4
55°	2170.0	2250.4	2418.2	2451.3	2425.3	2408.8	2451.3	2491.5	2472.6	2349.7	2290.6
57.5°	2181.8	2262.2	2408.8	2425.3	2394.6	2366.2	2415.9	2472.6	2465.5	2354.4	2295.3
60°	2162.9	2236.2	2356.8	2361.5	2309.5	2264.6	2337.8	2422.9	2422.9	2337.8	2285.8
62.5°	2075.5	2148.7	2255.1	2259.8	2200.7	2151.1	2236.2	2337.8	2335.5	2266.9	2212.6
65°	1931.3	1999.8	2120.4	2132.2	2073.1	2021.1	2108.6	2203.1	2210.2	2148.7	2101.5
67.5°	1772.9	1834.3	1924.2	1971.5	1921.8	1867.4	1947.8	2037.6	2035.3	1962.0	1912.4
70°	1583.8	1640.5	1723.2	1763.4	1732.7	1680.7	1754.0	1801.3	1780.0	1744.5	1711.4
72.5°	1397.0	1451.4	1529.4	1529.4	1496.3	1446.7	1468.0	1553.0	1579.1	1553.0	1531.8
75°	1200.8	1248.1	1302.5	1314.3	1241.0	1151.2	1250.5	1323.8	1354.5	1342.7	1316.7
77.5°	999.9	1035.4	1115.7	1094.5	957.4	910.1	990.5	1099.2	1120.5	1113.4	1077.9
80°	770.6	791.9	877.0	834.4	728.1	697.3	732.8	817.9	822.6	799.0	754.1
82.5°	517.7	546.0	602.8	520.0	517.7	489.3	461.0	470.4	513.0	508.2	477.5
85°	264.8	278.9	333.3	312.0	267.1	231.7	219.8	234.0	210.4	191.5	165.5
87.5°	111.1	120.6	165.5	92.2	28.4	0.0	0.0	14.2	21.3	30.7	33.1
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°	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1
2.5°	3524.5	3550.5	3614.3	3694.7	3772.7	3853.1	3940.5	3994.9	4061.1	4146.2	4148.6
5°	3278.7	3337.8	3429.9	3552.9	3680.5	3827.1	3997.3	4139.1	4309.3	4444.0	4498.4
7.5°	3127.4	3212.5	3328.3	3484.3	3652.1	3834.2	4056.4	4295.1	4574.1	4753.7	4860.1
10°	3141.6	3271.6	3387.4	3519.8	3671.1	3867.3	4153.3	4470.0	4812.8	5049.2	5181.6
12.5°	3394.5	3531.6	3510.3	3503.2	3604.9	3843.6	4231.3	4647.3	5065.7	5302.1	5460.5
15°	3713.6	3765.6	3564.7	3413.4	3474.9	3758.5	4273.8	4805.7	5276.1	5564.5	5720.5
17.5°	3876.7	3772.7	3529.2	3302.3	3285.8	3628.5	4295.1	4966.5	5512.5	5800.9	5966.4
20°	3801.1	3649.8	3444.1	3229.0	3110.8	3451.2	4283.3	5094.1	5727.6	6049.1	6183.8
22.5°	3638.0	3505.6	3344.8	3139.2	2969.0	3257.4	4252.6	5221.7	5919.1	6242.9	6361.1
25°	3460.7	3361.4	3229.0	3049.4	2888.6	3087.2	4231.3	5391.9	6138.9	6448.6	6524.2
27.5°	3283.4	3210.1	3101.4	2961.9	2869.7	2969.0	4238.4	5614.1	6422.6	6715.7	6685.0
30°	3108.5	3044.6	2969.0	2907.5	2867.4	2940.6	4219.5	5850.5	6734.6	7006.5	6824.4
32.5°	2943.0	2883.9	2836.6	2846.1	2869.7	2952.4	4122.6	6065.6	7020.6	7252.3	6975.7
35°	2801.2	2739.7	2739.7	2772.8	2860.3	2912.3	3872.0	6233.5	7337.4	7569.0	7190.8
37.5°	2668.8	2614.4	2649.9	2704.2	2787.0	2803.5	3550.5	6396.6	7798.3	8015.8	7524.1
40°	2553.0	2498.6	2562.4	2631.0	2673.5	2666.4	3224.3	6623.5	8342.0	8566.6	7966.2
42.5°	2460.8	2411.1	2467.9	2555.3	2562.4	2569.5	2985.5	6841.0	8973.2	9259.2	8727.3
45°	2385.1	2349.7	2378.0	2465.5	2465.5	2574.2	2836.6	7023.0	9923.4	10429.3	10124.4
47.5°	2326.0	2304.8	2318.9	2347.3	2394.6	2659.3	2742.1	7162.5	11653.8	12646.6	12339.3
50°	2292.9	2271.7	2290.6	2231.5	2373.3	2701.9	2711.3	7268.8	13934.9	15490.3	15109.7
52.5°	2264.6	2257.5	2269.3	2132.2	2420.6	2673.5	2687.7	7127.0	15464.3	18289.1	18665.0
55°	2255.1	2259.8	2203.1	2058.9	2477.3	2579.0	2616.8	6112.9	15880.3	20702.6	23035.7
57.5°	2259.8	2245.7	2101.5	2066.0	2479.7	2389.9	2718.4	4361.3	15275.2	21752.2	27311.9
60°	2243.3	2172.4	1978.5	2129.8	2370.9	2167.7	2645.1	2843.7	13679.6	20946.1	27560.1
62.5°	2170.0	2066.0	1872.2	2165.3	2177.1	2035.3	2401.7	2191.3	11552.1	19220.5	25167.9
65°	2063.6	1924.2	1782.3	2092.0	1980.9	1973.8	1806.0	1756.3	9289.9	17166.3	22898.6
67.5°	1888.7	1749.2	1716.2	1924.2	1782.3	1749.2	1451.4	1456.1	7413.0	14977.4	20617.5
70°	1690.2	1550.7	1576.7	1739.8	1586.1	1453.8	1174.8	1212.7	5623.6	12478.8	17542.1
72.5°	1560.1	1373.4	1375.8	1531.8	1394.7	1177.2	966.8	999.9	3569.4	9405.8	13946.7
75°	1316.7	1210.3	1158.3	1241.0	1184.3	917.2	813.2	806.1	2115.6	6741.7	10443.5
77.5°	1099.2	1016.5	990.5	1023.5	884.1	678.4	654.8	643.0	1198.5	4318.8	6843.3
80°	796.6	775.3	773.0	789.5	680.8	498.8	498.8	501.1	645.3	2344.9	3857.8
82.5°	505.9	553.1	489.3	543.7	463.3	354.6	330.9	375.9	371.1	999.9	1626.3
85°	210.4	288.4	269.5	286.0	219.8	193.8	208.0	224.6	215.1	385.3	633.5
87.5°	40.2	47.3	52.0	49.6	49.6	61.5	68.6	82.7	82.7	111.1	191.5
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: P642992

CATALOG NUMBER: GWS-SA6E-722-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1	3853.1
2.5°	4238.4	4306.9	4292.8	4323.5	4283.3	4297.5	4217.1	4195.8	4181.7	4186.4
5°	4673.3	4812.8	4838.8	4890.8	4855.3	4855.3	4713.5	4607.1	4569.3	4541.0
7.5°	5115.4	5316.3	5448.7	5462.9	5443.9	5406.1	5200.5	5009.0	4940.4	4881.4
10°	5507.8	5748.9	5897.8	5968.7	5933.3	5874.2	5618.9	5356.5	5273.8	5221.7
12.5°	5808.0	6020.7	6120.0	6167.3	6162.6	6141.3	5933.3	5649.6	5562.1	5481.8
15°	6001.8	6108.2	6070.4	6068.0	6101.1	6186.2	6122.4	5900.2	5798.5	5725.2
17.5°	6127.1	6025.5	5857.6	5779.6	5850.5	6051.5	6198.0	6072.7	5980.5	5900.2
20°	6172.0	5810.3	5566.9	5422.7	5505.4	5796.2	6157.8	6198.0	6120.0	6053.8
22.5°	6120.0	5548.0	5217.0	5046.8	5127.2	5474.7	6039.6	6299.7	6247.7	6183.8
25°	5992.4	5273.8	4876.6	4723.0	4810.4	5165.0	5829.3	6394.2	6396.6	6344.6
27.5°	5834.0	5020.8	4637.9	4493.7	4578.8	4909.7	5623.6	6477.0	6559.7	6540.8
30°	5673.2	4869.5	4524.4	4422.8	4486.6	4779.7	5413.2	6562.0	6727.5	6760.6
32.5°	5600.0	4942.8	4791.5	4836.4	4753.7	4855.3	5337.6	6682.6	6930.8	6985.2
35°	5696.9	5592.9	5975.8	6153.1	5860.0	5474.7	5434.5	6864.6	7216.8	7297.2
37.5°	6167.3	6985.2	7557.2	8181.3	7673.1	6824.4	5914.4	7174.3	7625.8	7753.4
40°	7190.8	8200.2	9233.2	10039.3	9271.0	8129.3	6826.8	7635.2	8188.4	8304.2
42.5°	8155.3	9339.6	10762.6	11805.1	10807.5	9195.4	7810.2	8410.6	8930.6	8994.5
45°	9100.8	10457.7	12613.5	14062.5	12708.1	10209.5	8814.8	9720.2	10112.6	10114.9
47.5°	10209.5	11717.6	14934.8	16998.4	15230.3	11332.3	9758.0	11793.3	12339.3	12072.2
50°	11535.6	12970.4	17324.7	20414.2	18305.7	12712.8	10956.4	14320.2	15064.8	14762.2
52.5°	13310.8	14350.9	19958.0	23744.9	21657.6	14284.7	12693.9	17658.0	17903.8	17338.8
55°	15809.4	16343.7	23338.3	27858.0	25399.6	16220.7	15235.0	21846.7	21158.8	19539.6
57.5°	21499.2	19497.0	27678.3	32550.2	29633.2	19738.2	20804.2	26465.7	24019.1	21288.8
60°	26260.0	23326.5	31694.5	37207.0	33261.7	23614.9	26033.1	27269.4	23912.7	21095.0
62.5°	24655.0	24302.7	33143.5	37720.0	34500.4	25522.5	25061.5	25243.6	22352.6	19806.7
65°	21631.6	22418.8	31850.5	35287.6	33127.0	23813.4	22669.3	23371.4	20567.9	18003.1
67.5°	19846.9	20426.0	29550.5	31394.3	30630.8	21964.9	20809.0	20300.7	17797.4	15618.0
70°	18022.0	18501.9	26321.5	26508.2	26737.5	18891.9	17015.0	15502.1	13265.9	11741.2
72.5°	15573.0	15599.0	22239.1	21156.5	21591.4	14783.5	13696.2	11590.0	9656.3	8273.5
75°	13065.0	12351.1	17603.6	14788.2	15660.5	11500.1	11372.5	8734.4	7283.0	6148.4
77.5°	9961.3	9126.8	12859.3	9724.9	10999.0	7658.9	8550.0	5923.8	5124.8	4091.8
80°	6687.3	6167.3	7105.7	5488.9	7195.6	5278.5	5576.3	3356.7	2909.9	2257.5
82.5°	3526.9	3011.5	4392.0	3255.0	4340.0	2900.4	2092.0	1037.7	884.1	713.9
85°	1366.3	1581.4	2153.5	1158.3	1683.1	1035.4	605.1	257.7	215.1	163.1
87.5°	264.8	408.9	224.6	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)