

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: P637549

Luminaire Tested: GWS-SA4D-722-U-SLR-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P637549  
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-SA4D-722-U-SLR-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (64) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

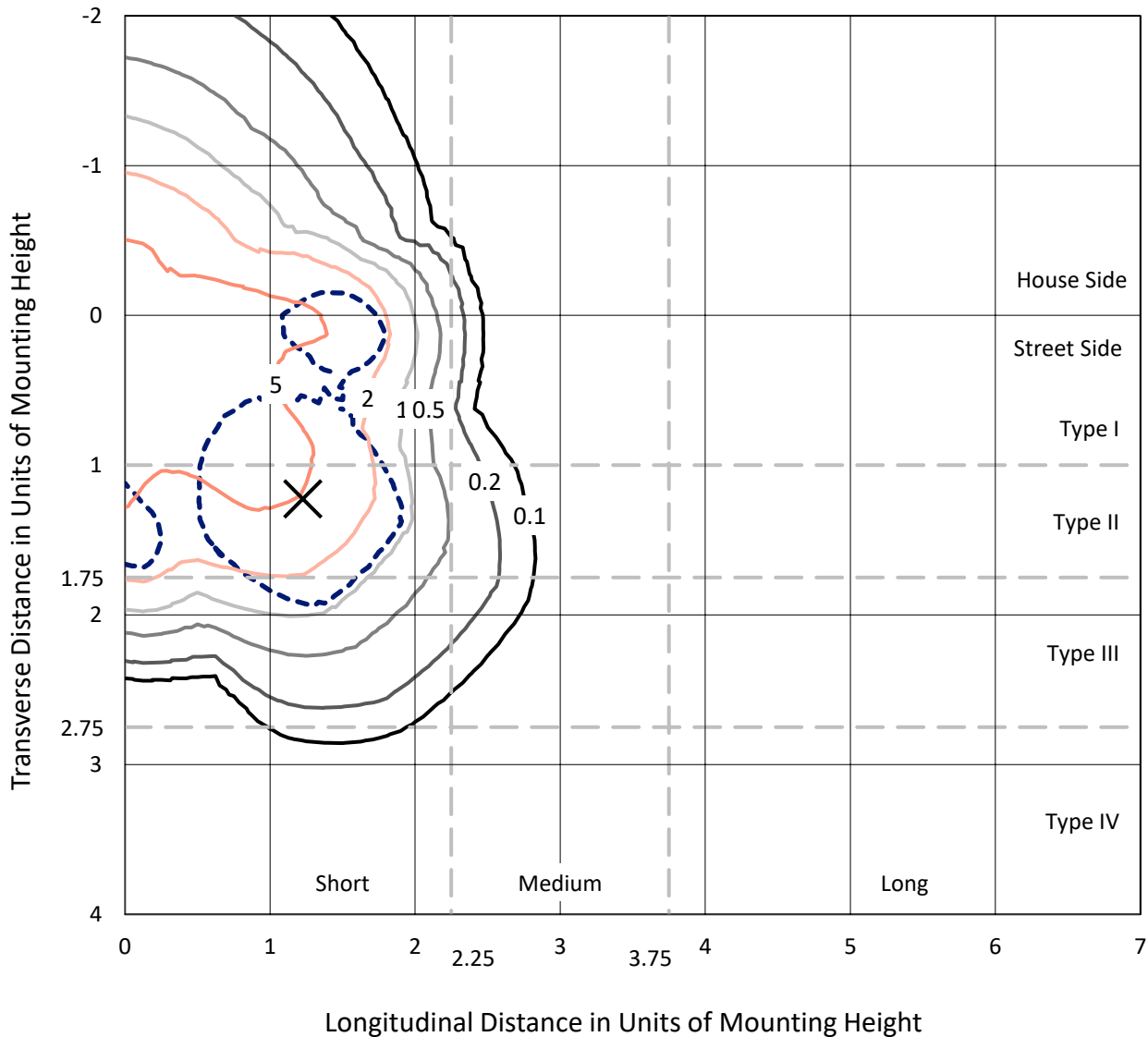
Lumens per Lamp: N/A  
Luminaire Lumens: 14113.2 lumens  
Efficiency: N/A  
Efficacy: 87.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2  
  
Input Watts (W): 162.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
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

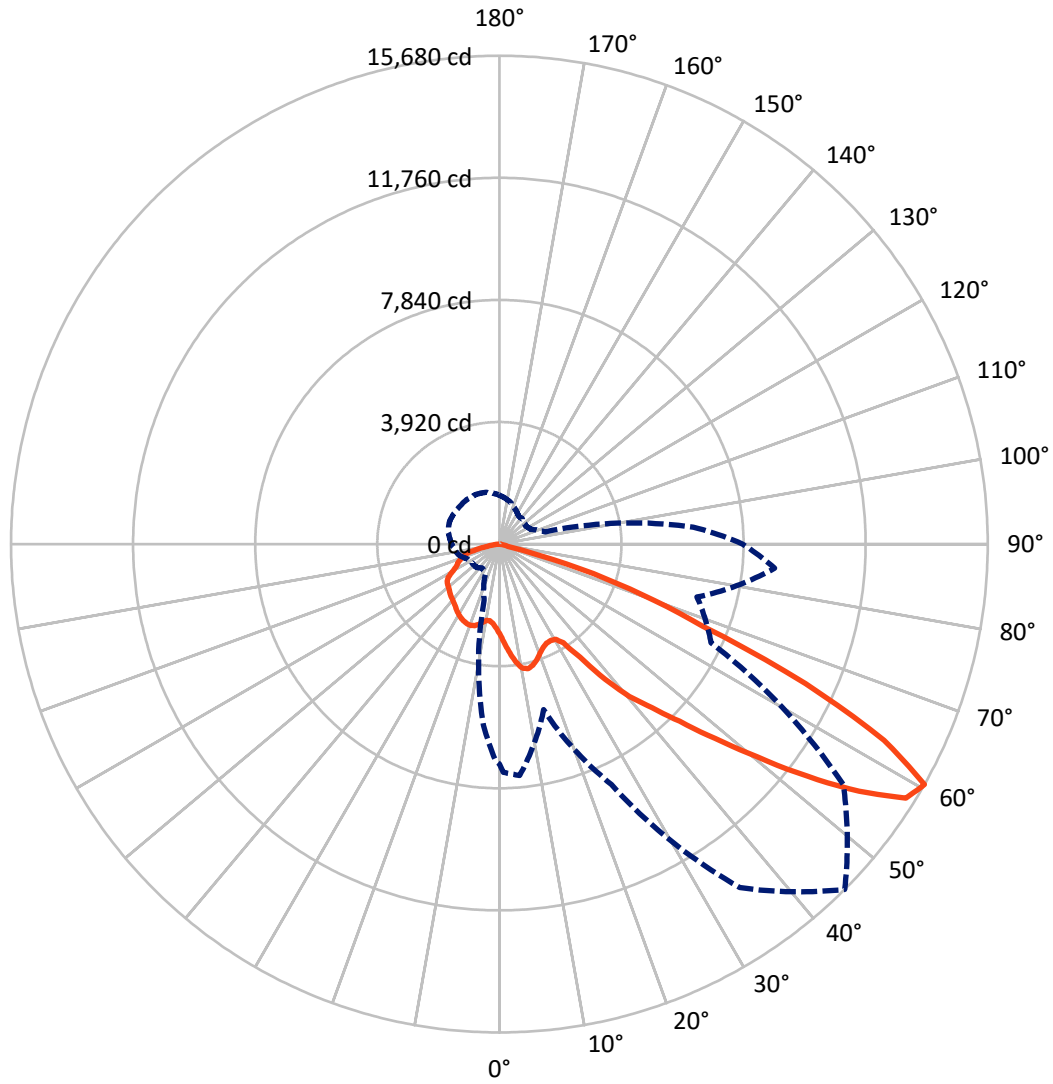
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.7 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	4947.2	0.0	4947.2
	% Fixture	35.1	0.0	35.1
<b>Street Side</b>	Lumens	9166.0	0.0	9166.0
	% Fixture	64.9	0.0	64.9
<b>Total</b>	Lumens	14113.2	0.0	14113.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	282.9	2.0
10°-20°	893.9	6.3
20°-30°	1452.0	10.3
30°-40°	2047.7	14.5
40°-50°	2829.9	20.1
50°-60°	3643.0	25.8
60°-70°	2308.2	16.4
70°-80°	592.3	4.2
80°-90°	63.3	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°	14113.2	100.0
0°-180°	14113.2	100.0

**Coefficient of Utilization**



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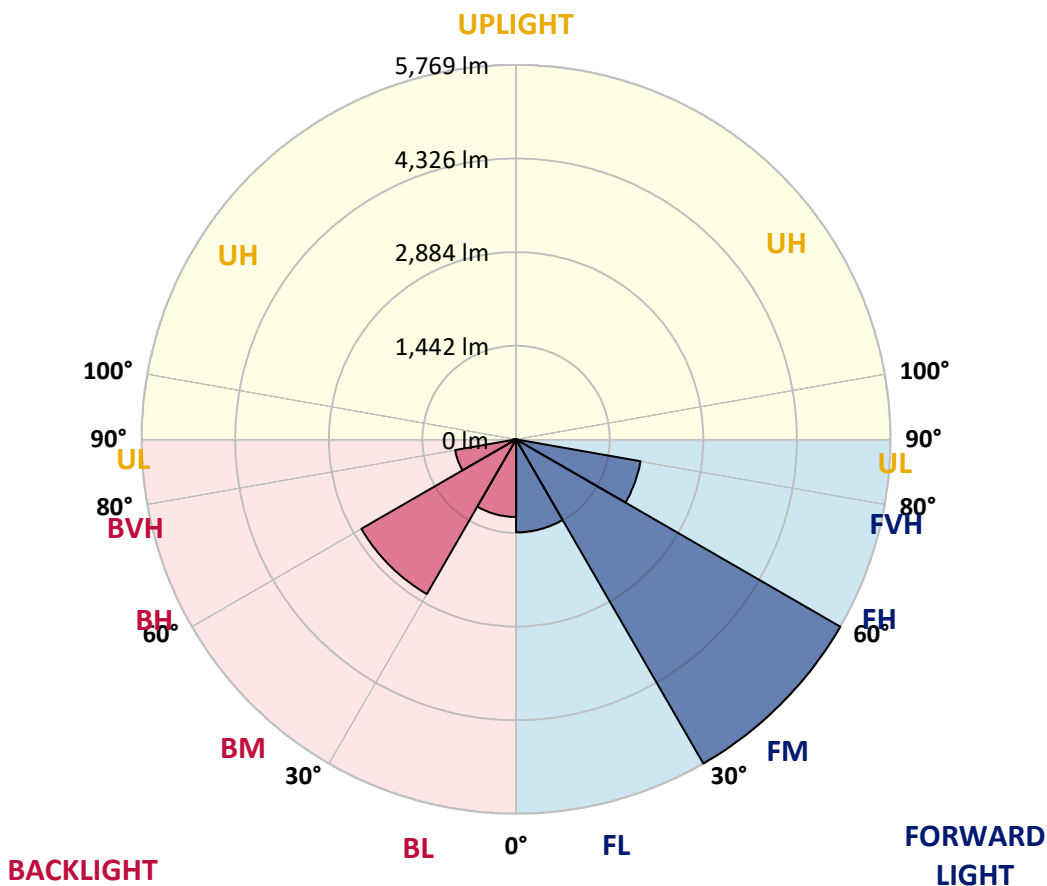
CATALOG NUMBER: GWS-SA4D-722-U-SLR-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1433.0	10.2			
FM (30°-60°)	5768.7	40.9			
FH (60°-80°)	1947.1	13.8			G2/5000
FVH (80°-90°)	17.2	0.1			G1/100
BL (0°-30°)	1195.7	8.5	B3/2500		
BM (30°-60°)	2752.0	19.5	B3/5000		
BH (60°-80°)	953.4	6.8	B2/1000		G2/1000
BVH (80°-90°)	46.1	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-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3
2.5°	3032.5	3053.2	3066.1	3090.7	3134.6	3159.2	3186.3	3156.6	3164.4	3160.5	3112.6
5°	3212.2	3236.8	3270.4	3342.8	3424.3	3469.5	3512.2	3505.8	3465.7	3398.4	3350.6
7.5°	3380.3	3408.8	3467.0	3584.6	3704.9	3774.7	3826.5	3792.8	3759.2	3653.2	3532.9
10°	3512.2	3529.0	3607.9	3765.7	3905.3	3984.2	4047.6	4039.8	3993.3	3874.3	3712.7
12.5°	3636.4	3648.0	3733.4	3891.1	4016.6	4051.5	4103.2	4120.0	4104.5	4015.3	3856.2
15°	3769.6	3791.5	3870.4	3990.7	4047.6	4011.4	4029.5	4076.0	4120.0	4120.0	3973.9
17.5°	3893.7	3913.1	3993.3	4045.0	3990.7	3895.0	3900.2	3959.7	4064.4	4174.3	4081.2
20°	4003.6	4021.7	4100.6	4051.5	3879.5	3739.8	3735.9	3808.4	3977.8	4209.2	4196.3
22.5°	4123.9	4149.8	4215.7	4056.6	3776.0	3598.9	3597.6	3672.6	3901.5	4244.2	4328.2
25°	4294.6	4334.7	4368.3	4101.9	3720.4	3507.1	3523.9	3595.0	3876.9	4301.1	4523.5
27.5°	4548.0	4580.4	4577.8	4196.3	3717.8	3469.5	3504.5	3587.2	3920.9	4401.9	4729.1
30°	4822.2	4839.0	4811.8	4328.2	3777.3	3492.8	3544.6	3642.8	4032.1	4568.7	5031.7
32.5°	5126.1	5146.8	5095.1	4526.1	3915.7	3664.8	3778.6	3826.5	4188.5	4809.3	5352.4
35°	5475.2	5515.3	5408.0	4787.3	4323.0	4292.0	4457.5	4395.5	4520.9	5093.8	5695.1
37.5°	5842.5	5843.8	5689.9	5173.9	5122.2	5175.2	5506.3	5312.3	5225.7	5410.6	6044.2
40°	6154.1	6146.4	5909.7	5695.1	5817.9	6028.7	6428.3	6130.9	5903.3	5836.0	6333.9
42.5°	6465.8	6437.4	6198.1	6026.1	6297.7	6730.9	7182.2	6817.5	6337.8	6222.7	6619.7
45°	6864.1	6855.0	6566.7	6158.0	6730.9	7517.1	8115.9	7524.9	6595.1	6447.7	7095.6
47.5°	7506.8	7462.8	6926.2	6147.7	7137.0	8564.6	9321.1	8415.9	6774.9	6452.9	7863.7
50°	8135.3	8081.0	7355.5	6146.4	7555.9	9650.9	10743.6	9498.3	6958.5	6483.9	8644.8
52.5°	8770.2	8770.2	8060.3	6292.5	7995.6	10863.8	12387.2	10847.0	7271.4	6890.0	9605.6
55°	9147.8	9248.7	8853.0	6539.5	8510.3	12291.5	14012.7	12303.1	7755.1	7623.2	10492.7
57.5°	8668.1	8856.9	8800.0	6367.5	8814.2	13340.2	15391.2	13407.5	7994.3	7709.8	10359.5
60°	7063.2	7325.8	7456.4	5498.5	8514.2	13461.8	15679.6	13479.9	7500.3	6565.4	8873.7
62.5°	4695.5	4911.4	5110.6	3928.6	7371.0	12110.4	13867.8	12114.3	6264.1	4899.8	6147.7
65°	2303.1	2463.5	2678.1	2322.5	5758.4	10119.0	10812.1	9789.2	4531.2	2742.8	3135.9
67.5°	602.6	647.9	677.6	901.3	4125.2	7270.1	7051.6	7160.2	2910.9	896.2	819.9
70°	312.9	315.5	314.2	372.4	2788.1	4620.5	4859.7	4496.3	2031.6	375.0	323.3
72.5°	223.7	225.0	221.1	250.9	1346.2	2647.1	2742.8	2713.0	1064.3	222.4	221.1
75°	146.1	147.4	144.8	147.4	203.0	301.3	278.0	292.3	177.2	141.0	141.0
77.5°	86.6	87.9	86.6	89.2	86.6	86.6	80.2	80.2	76.3	76.3	77.6
80°	58.2	58.2	56.9	59.5	54.3	54.3	51.7	50.4	46.6	45.3	45.3
82.5°	34.9	36.2	34.9	34.9	32.3	32.3	29.7	28.4	24.6	24.6	23.3
85°	18.1	18.1	16.8	16.8	14.2	12.9	10.3	10.3	7.8	6.5	6.5
87.5°	2.6	2.6	1.3	1.3	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°	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3
2.5°	3099.7	3073.8	3035.0	2997.5	2962.6	2926.4	2885.0	2842.4	2806.2	2768.7	2749.3
5°	3287.2	3234.2	3133.3	3044.1	2963.9	2898.0	2826.8	2766.1	2709.2	2662.6	2639.3
7.5°	3456.6	3373.9	3221.3	3080.3	2971.7	2881.2	2782.9	2692.4	2616.1	2559.2	2537.2
10°	3613.1	3514.8	3314.4	3135.9	3009.2	2908.3	2788.1	2665.2	2564.3	2489.3	2471.2
12.5°	3739.8	3627.3	3388.1	3181.2	3031.2	2922.5	2816.5	2710.5	2610.9	2513.9	2498.4
15°	3852.3	3719.1	3443.7	3209.6	3023.4	2885.0	2795.8	2782.9	2782.9	2673.0	2641.9
17.5°	3949.3	3803.2	3488.9	3222.6	2974.3	2773.8	2719.5	2832.0	2958.8	2879.9	2810.0
20°	4060.5	3883.4	3526.4	3222.6	2883.7	2632.9	2627.7	2819.1	3006.6	3007.9	2934.2
22.5°	4173.0	3976.5	3570.4	3210.9	2759.6	2469.9	2565.6	2767.4	2934.2	3005.3	2954.9
25°	4355.4	4105.8	3640.2	3201.9	2614.8	2358.7	2510.0	2698.8	2839.8	2914.8	2882.5
27.5°	4586.8	4276.5	3746.3	3216.1	2471.2	2292.8	2450.5	2609.6	2737.6	2803.6	2780.3
30°	4845.5	4473.0	3860.1	3240.7	2367.8	2259.2	2379.4	2507.4	2621.2	2687.2	2676.8
32.5°	5175.2	4686.4	3958.4	3207.0	2309.6	2242.3	2304.4	2396.2	2506.1	2547.5	2556.6
35°	5569.6	4921.8	4033.4	3075.1	2256.6	2224.2	2222.9	2279.8	2357.4	2423.4	2429.8
37.5°	5933.0	5197.2	4116.1	2848.8	2160.9	2179.0	2127.2	2160.9	2237.2	2303.1	2329.0
40°	6292.5	5476.5	4231.2	2560.5	2035.4	2078.1	2017.3	2040.6	2101.4	2188.0	2229.4
42.5°	6641.7	5728.7	4352.8	2265.6	1910.0	1937.2	1891.9	1915.2	1978.5	2087.2	2133.7
45°	7021.9	6070.1	4447.2	1987.6	1801.4	1789.7	1753.5	1787.1	1882.8	2001.8	2057.4
47.5°	7740.9	6608.0	4509.2	1802.7	1743.2	1659.1	1617.7	1690.2	1798.8	1919.0	1986.3
50°	8618.9	7386.5	4491.1	1685.0	1692.7	1524.6	1510.4	1606.1	1722.5	1847.9	1921.6
52.5°	9314.6	8150.8	4285.5	1572.5	1594.5	1439.3	1397.9	1537.6	1648.8	1776.8	1853.1
55°	9846.1	8408.1	3654.5	1439.3	1434.1	1377.2	1290.6	1466.4	1575.1	1694.0	1776.8
57.5°	9412.9	7835.3	2709.2	1255.7	1224.6	1254.4	1170.3	1346.2	1484.5	1602.2	1675.9
60°	7812.0	6247.3	1509.1	1112.1	1024.2	1096.6	1083.7	1219.4	1386.3	1510.4	1573.8
62.5°	5303.2	4160.1	894.9	879.3	830.2	933.7	1002.2	1091.4	1255.7	1356.5	1416.0
65°	2643.2	2021.2	594.9	658.2	664.7	768.1	897.5	995.7	1132.8	1236.3	1295.7
67.5°	766.8	628.5	452.6	503.0	572.9	655.6	759.1	875.5	1008.7	1131.5	1201.3
70°	331.0	334.9	359.5	419.0	487.5	572.9	676.3	790.1	902.6	997.0	1050.0
72.5°	234.1	243.1	270.3	331.0	395.7	477.2	580.6	690.5	772.0	867.7	923.3
75°	150.0	156.5	178.5	225.0	272.9	351.7	450.0	550.9	634.9	703.5	756.5
77.5°	82.8	84.1	102.2	129.3	161.6	212.1	284.5	363.4	425.4	464.2	512.1
80°	47.8	47.8	56.9	73.7	93.1	124.1	164.2	203.0	240.5	265.1	288.4
82.5°	25.9	25.9	29.7	40.1	50.4	68.5	91.8	111.2	134.5	147.4	162.9
85°	7.8	7.8	10.3	14.2	18.1	25.9	36.2	46.6	56.9	66.0	75.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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°	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3
2.5°	2745.4	2727.3	2716.9	2704.0	2707.9	2696.2	2689.8	2693.7	2670.4	2693.7	2716.9
5°	2630.3	2604.4	2583.7	2566.9	2559.2	2543.6	2534.6	2534.6	2520.4	2543.6	2572.1
7.5°	2529.4	2508.7	2498.4	2488.0	2476.4	2462.2	2446.7	2441.5	2432.4	2457.0	2481.6
10°	2462.2	2464.8	2471.2	2485.5	2482.9	2473.8	2450.5	2437.6	2437.6	2466.1	2503.6
12.5°	2493.2	2520.4	2535.9	2561.8	2566.9	2559.2	2535.9	2525.5	2551.4	2594.1	2656.2
15°	2613.5	2631.6	2644.5	2665.2	2663.9	2657.4	2639.3	2647.1	2732.4	2815.2	2870.8
17.5°	2744.1	2723.4	2720.8	2733.7	2737.6	2729.9	2719.5	2754.4	2895.4	2973.0	3001.4
20°	2838.5	2767.4	2751.8	2757.0	2767.4	2763.5	2763.5	2820.4	2966.5	3002.7	2966.5
22.5°	2866.9	2766.1	2742.8	2744.1	2758.3	2759.6	2766.1	2825.6	2910.9	2912.2	2856.6
25°	2821.7	2724.7	2707.9	2710.5	2727.3	2726.0	2728.6	2762.2	2799.7	2784.2	2742.8
27.5°	2736.3	2652.3	2647.1	2661.3	2683.3	2671.7	2663.9	2673.0	2691.1	2671.7	2635.5
30°	2639.3	2568.2	2570.8	2598.0	2621.2	2601.8	2582.4	2587.6	2588.9	2568.2	2526.8
32.5°	2537.2	2484.2	2493.2	2521.7	2548.8	2528.1	2507.4	2504.9	2480.3	2455.7	2415.6
35°	2435.0	2414.3	2426.0	2449.2	2472.5	2455.7	2442.8	2435.0	2382.0	2345.8	2312.2
37.5°	2341.9	2357.4	2378.1	2392.3	2400.1	2398.8	2391.1	2372.9	2303.1	2260.4	2216.5
40°	2259.2	2307.0	2329.0	2335.4	2347.1	2344.5	2343.2	2317.3	2225.5	2180.3	2129.8
42.5°	2184.1	2251.4	2288.9	2295.4	2301.8	2303.1	2299.2	2261.7	2157.0	2104.0	2056.1
45°	2111.7	2199.7	2247.5	2241.0	2250.1	2250.1	2254.0	2204.8	2089.7	2035.4	1985.0
47.5°	2048.4	2151.8	2195.8	2188.0	2193.2	2197.1	2201.0	2144.1	2016.0	1964.3	1912.6
50°	1990.2	2100.1	2137.6	2140.2	2140.2	2149.2	2147.9	2092.3	1954.0	1898.4	1846.6
52.5°	1928.1	2047.1	2087.2	2104.0	2109.1	2113.0	2094.9	2030.3	1890.6	1823.4	1775.5
55°	1855.7	1992.8	2029.0	2051.0	2061.3	2058.7	2034.1	1968.2	1825.9	1758.7	1704.4
57.5°	1745.8	1876.4	1928.1	1938.4	1955.3	1944.9	1916.5	1860.9	1722.5	1655.2	1599.6
60°	1625.5	1719.9	1761.3	1770.3	1757.4	1761.3	1757.4	1704.4	1584.1	1531.1	1474.2
62.5°	1467.7	1551.8	1595.8	1607.4	1585.4	1599.6	1594.5	1528.5	1408.3	1352.6	1302.2
65°	1348.8	1440.6	1492.3	1498.8	1492.3	1498.8	1480.7	1400.5	1286.7	1229.8	1178.1
67.5°	1255.7	1350.1	1404.4	1422.5	1416.0	1414.7	1386.3	1293.2	1175.5	1113.4	1047.5
70°	1095.3	1178.1	1247.9	1291.9	1291.9	1267.3	1213.0	1126.3	1031.9	978.9	927.2
72.5°	969.9	1074.6	1143.2	1188.4	1197.5	1183.2	1106.9	1015.1	906.5	853.5	799.2
75°	799.2	901.3	975.0	1034.5	1046.2	1030.6	942.7	852.2	751.3	699.6	645.3
77.5°	534.1	594.9	654.3	708.7	697.0	707.4	647.9	579.3	517.3	478.5	453.9
80°	301.3	341.4	359.5	389.2	389.2	389.2	350.4	318.1	283.2	261.2	236.6
82.5°	170.7	196.6	204.3	228.9	235.4	236.6	210.8	190.1	168.1	156.5	139.7
85°	78.9	93.1	94.4	108.6	113.8	124.1	112.5	98.3	85.3	80.2	69.8
87.5°	2.6	7.8	10.3	19.4	25.9	29.7	32.3	32.3	27.2	24.6	20.7
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: P637549

CATALOG NUMBER: GWS-SA4D-722-U-SLR-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3	2899.3
2.5°	2745.4	2776.4	2812.6	2838.5	2885.0	2923.8	2963.9	3007.9	3040.2	3032.5
5°	2607.0	2658.7	2724.7	2785.5	2872.1	2960.0	3057.0	3156.6	3214.8	3212.2
7.5°	2529.4	2603.1	2683.3	2764.8	2866.9	2993.7	3142.4	3297.6	3376.4	3380.3
10°	2570.8	2649.7	2704.0	2772.5	2879.9	3038.9	3217.4	3403.6	3494.1	3512.2
12.5°	2701.4	2694.9	2691.1	2740.2	2869.5	3071.3	3289.8	3512.2	3614.4	3636.4
15°	2825.6	2692.4	2612.2	2645.8	2823.0	3091.9	3360.9	3631.2	3746.3	3769.6
17.5°	2848.8	2647.1	2498.4	2521.7	2749.3	3098.4	3429.5	3747.6	3871.7	3893.7
20°	2784.2	2588.9	2415.6	2383.3	2656.2	3081.6	3472.1	3844.6	3980.3	4003.6
22.5°	2702.7	2537.2	2353.6	2269.5	2542.4	3064.8	3520.0	3946.7	4103.2	4123.9
25°	2617.4	2471.2	2295.4	2167.3	2413.0	3054.4	3600.2	4081.2	4270.0	4294.6
27.5°	2526.8	2391.1	2244.9	2118.2	2294.1	3067.4	3714.0	4298.5	4513.1	4548.0
30°	2429.8	2310.9	2212.6	2101.4	2212.6	3079.0	3839.4	4520.9	4773.1	4822.2
32.5°	2329.0	2237.2	2179.0	2109.1	2162.2	3051.9	3949.3	4770.5	5083.4	5126.1
35°	2228.1	2162.2	2136.3	2123.4	2094.9	2952.3	4038.5	5022.6	5437.7	5475.2
37.5°	2133.7	2084.6	2076.8	2091.0	1991.5	2789.3	4142.0	5343.3	5785.6	5842.5
40°	2045.8	2000.5	1999.2	1996.6	1877.7	2566.9	4281.7	5669.2	6128.3	6154.1
42.5°	1964.3	1907.4	1917.8	1886.7	1784.6	2326.4	4413.6	5947.2	6447.7	6465.8
45°	1891.9	1816.9	1828.5	1789.7	1740.6	2074.2	4529.9	6275.7	6852.5	6864.1
47.5°	1822.1	1741.9	1709.6	1707.0	1732.8	1841.5	4643.7	6908.1	7486.1	7506.8
50°	1757.4	1670.8	1578.9	1635.8	1685.0	1666.9	4786.0	7585.7	8140.4	8135.3
52.5°	1695.3	1581.5	1450.9	1560.8	1560.8	1537.6	4745.9	7996.9	8681.0	8770.2
55°	1624.2	1438.0	1317.7	1435.4	1378.5	1421.2	4036.0	8131.4	9021.1	9147.8
57.5°	1483.3	1260.8	1156.1	1219.4	1134.1	1317.7	2899.3	7464.1	8443.0	8668.1
60°	1347.5	1130.2	1061.7	1050.0	938.8	1074.6	1879.0	5843.8	6949.4	7063.2
62.5°	1188.4	1017.7	959.5	870.3	755.2	782.4	1138.0	3845.9	4669.6	4695.5
65°	1068.2	922.0	810.8	704.8	618.1	567.7	672.4	1854.4	2334.2	2303.1
67.5°	916.9	790.1	684.1	607.8	536.7	473.3	447.4	550.9	623.3	602.6
70°	816.0	694.4	592.3	519.9	453.9	390.5	345.3	324.6	318.1	312.9
72.5°	703.5	597.4	491.4	421.6	359.5	301.3	259.9	235.4	228.9	223.7
75°	561.2	461.7	364.7	298.7	244.4	203.0	175.9	155.2	151.3	146.1
77.5°	371.1	296.1	217.3	177.2	144.8	122.9	104.7	91.8	89.2	86.6
80°	204.3	170.7	133.2	107.3	86.6	75.0	68.5	60.8	59.5	58.2
82.5°	121.6	102.2	76.3	60.8	50.4	45.3	41.4	37.5	36.2	34.9
85°	60.8	47.8	33.6	28.4	25.9	23.3	23.3	19.4	18.1	18.1
87.5°	15.5	12.9	7.8	6.5	6.5	6.5	5.2	3.9	3.9	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)