

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: P642827

Luminaire Tested: GWS-SA6D-760-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642827  
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-SA6D-760-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 33872.1 lumens  
Efficiency: N/A  
Efficacy: 137.9 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): 245.7  
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

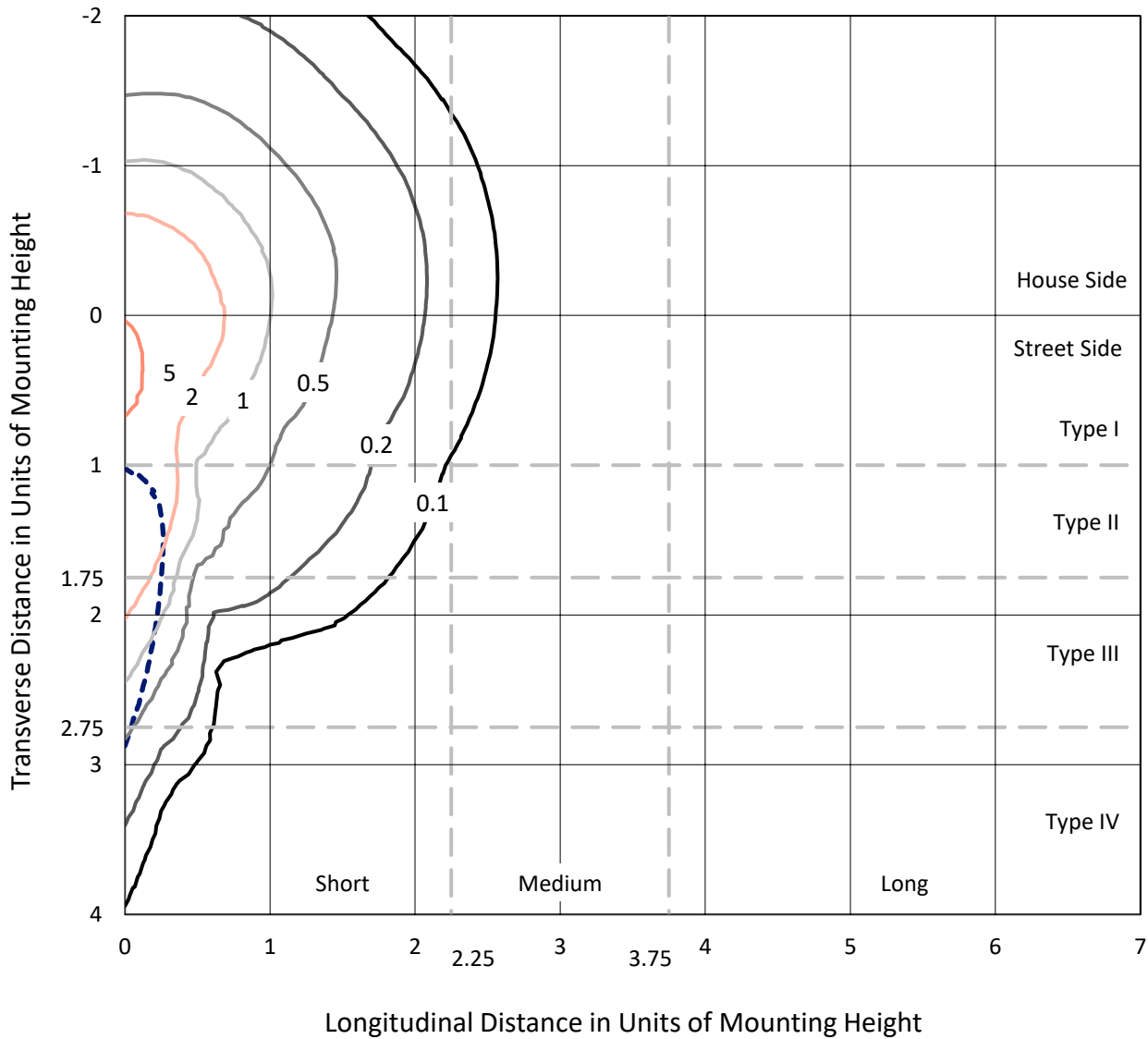


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### Iso-Footcandle Lines of Horizontal Illumination

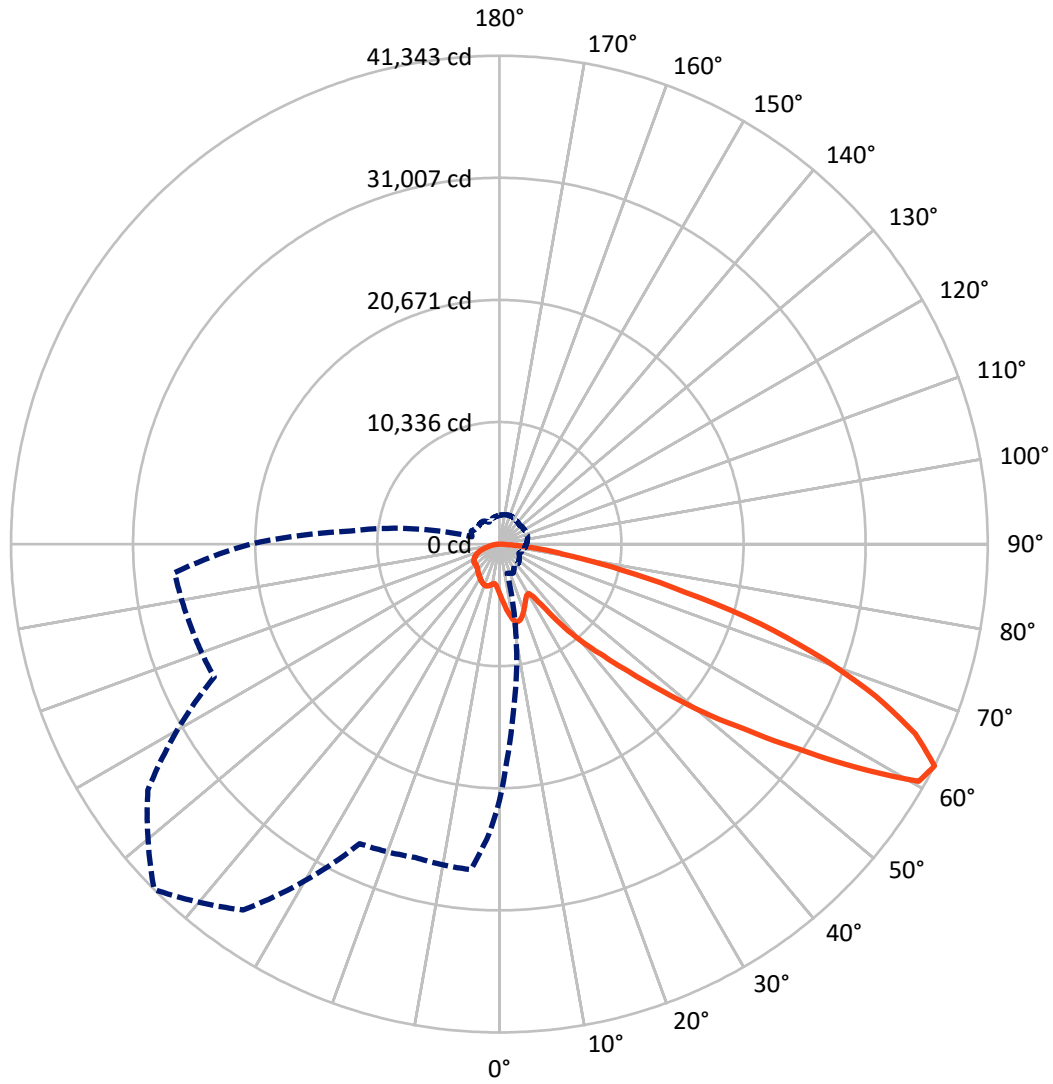
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 6.3 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	8098.9	0.0	8098.9
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	25773.2	0.0	25773.2
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	33872.1	0.0	33872.1
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	416.0	1.2
10°-20°	1352.1	4.0
20°-30°	2128.6	6.3
30°-40°	2917.6	8.6
40°-50°	4552.4	13.4
50°-60°	7849.2	23.2
60°-70°	9096.2	26.9
70°-80°	4801.4	14.2
80°-90°	758.5	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°	33872.1	100.0
0°-180°	33872.1	100.0

**Coefficient of Utilization**



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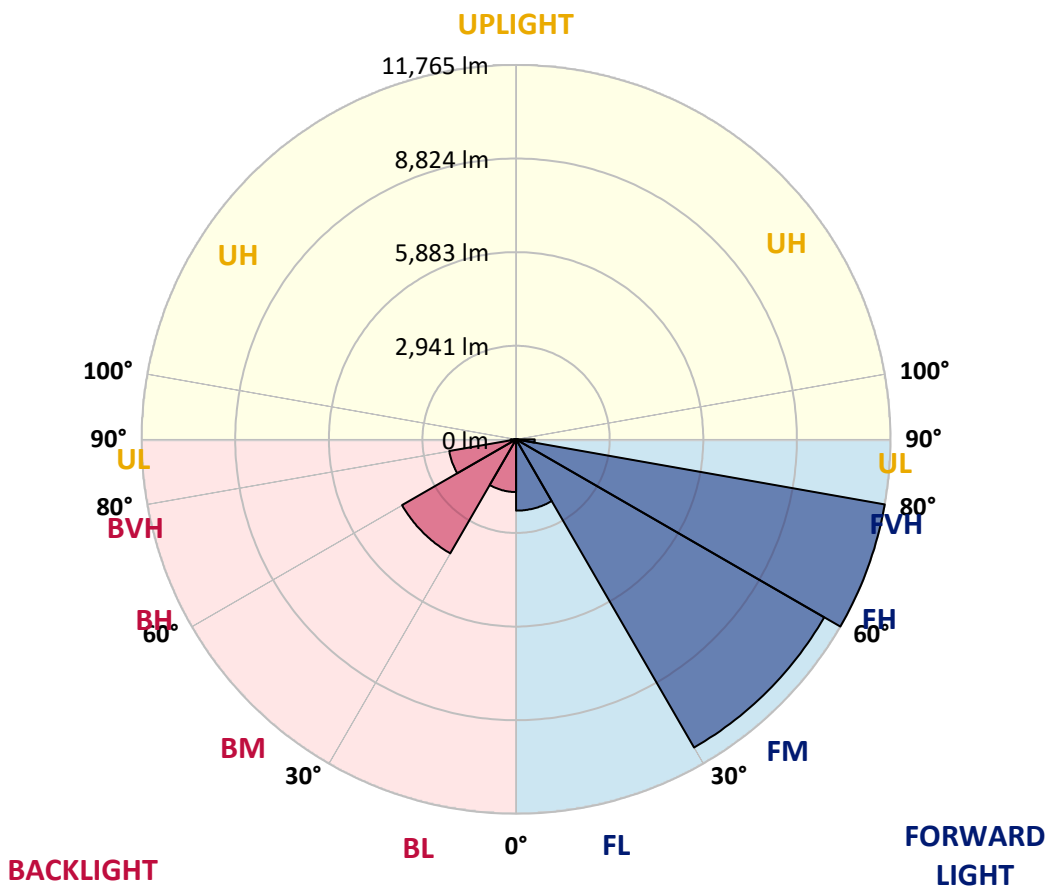
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2240.2	6.6			
FM (30°-60°)	11182.4	33.0			
FH (60°-80°)	11765.2	34.7			G4/12000
FVH (80°-90°)	585.4	1.7			G4/750
BL (0°-30°)	1656.5	4.9	B3/2500		
BM (30°-60°)	4136.9	12.2	B3/5000		
BH (60°-80°)	2132.5	6.3	B3/2500		G3/2500
BVH (80°-90°)	173.0	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°	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1
2.5°	4588.5	4570.3	4544.4	4456.3	4401.9	4339.7	4275.0	4199.8	4114.3	4054.7	3995.2
5°	4977.1	4948.6	4886.4	4676.6	4531.5	4373.4	4241.3	4091.0	3943.3	3842.3	3741.2
7.5°	5350.2	5313.9	5218.1	4896.8	4661.0	4433.0	4233.5	4015.9	3795.7	3645.4	3526.2
10°	5723.3	5648.1	5526.4	5106.6	4795.7	4531.5	4303.5	4036.6	3743.8	3539.2	3412.2
12.5°	6008.3	5938.3	5806.2	5298.4	4930.5	4598.8	4342.3	4096.2	3847.5	3629.8	3500.3
15°	6275.1	6184.5	6034.2	5477.1	5041.9	4596.2	4264.6	4049.6	4013.3	3958.9	3790.5
17.5°	6466.9	6384.0	6228.5	5622.2	5104.1	4515.9	4049.6	3922.6	4085.8	4251.6	4091.0
20°	6635.3	6539.4	6381.4	5723.3	5117.0	4337.1	3787.9	3790.5	4047.0	4275.0	4236.1
22.5°	6777.8	6671.5	6531.6	5837.3	5111.8	4088.4	3559.9	3715.3	3971.8	4150.6	4155.8
25°	6953.9	6865.9	6749.3	6005.7	5111.8	3834.5	3394.1	3624.7	3844.9	3995.2	3990.0
27.5°	7169.0	7109.4	7013.5	6262.2	5158.5	3622.1	3300.8	3508.1	3681.7	3811.2	3808.6
30°	7409.9	7355.5	7283.0	6534.2	5238.8	3464.0	3249.0	3363.0	3489.9	3593.6	3593.6
32.5°	7656.1	7635.4	7557.6	6751.9	5176.6	3414.8	3204.9	3217.9	3285.2	3370.7	3363.0
35°	7998.1	7977.3	7878.9	6920.3	4907.1	3344.8	3135.0	3070.2	3078.0	3132.4	3150.5
37.5°	8498.1	8467.0	8321.9	7117.2	4500.4	3168.7	3021.0	2914.8	2891.4	2914.8	2948.4
40°	9101.8	9055.2	8858.3	7384.0	4031.4	2930.3	2842.2	2754.1	2715.3	2723.0	2761.9
42.5°	9858.3	9759.9	9477.5	7666.4	3567.7	2720.4	2642.7	2588.3	2544.3	2539.1	2614.2
45°	11086.4	10817.0	10368.7	7917.8	3176.4	2609.0	2463.9	2425.1	2388.8	2409.5	2497.6
47.5°	13231.7	12734.2	11861.1	8132.8	2938.1	2611.6	2321.4	2280.0	2277.4	2318.8	2417.3
50°	16180.1	15462.4	14115.2	8277.9	2813.7	2642.7	2235.9	2168.6	2217.8	2259.3	2352.5
52.5°	19004.2	17908.2	16304.5	8275.3	2759.3	2647.9	2259.3	2064.9	2217.8	2228.2	2316.3
55°	21416.3	19431.7	16895.2	7425.5	2681.6	2627.2	2349.9	1984.6	2189.3	2228.2	2298.1
57.5°	23333.5	20400.7	16851.1	5997.9	2917.3	2513.2	2404.3	1966.5	2106.4	2233.3	2313.7
60°	23121.1	19957.6	15765.6	3681.7	2894.0	2311.1	2396.6	2000.2	1966.5	2163.4	2295.5
62.5°	21709.1	18369.4	13897.5	2554.6	2717.8	2194.5	2269.6	2059.8	1836.9	2062.3	2207.4
65°	19732.2	16320.0	11581.3	1958.7	2251.5	2199.7	2054.6	2018.3	1722.9	1901.7	2057.2
67.5°	17118.0	13778.3	9143.2	1551.9	1570.1	1904.3	1865.4	1792.9	1616.7	1759.2	1899.1
70°	12868.9	10055.2	6290.7	1248.8	1189.2	1590.8	1676.3	1611.5	1513.1	1554.5	1702.2
72.5°	9068.1	6565.3	3445.9	989.7	917.2	1222.9	1456.1	1445.7	1336.9	1368.0	1513.1
75°	6738.9	4645.5	2153.0	782.4	746.2	875.7	1220.3	1251.4	1160.7	1197.0	1308.4
77.5°	4484.8	3008.0	1197.0	580.4	580.4	639.9	909.4	1054.5	987.1	1015.6	1093.4
80°	2474.3	1531.2	598.5	380.9	391.2	440.5	663.3	759.1	761.7	831.7	852.4
82.5°	782.4	487.1	266.9	222.8	209.9	251.3	427.5	544.1	507.8	647.7	595.9
85°	178.8	114.0	49.2	49.2	54.4	82.9	163.2	290.2	370.5	445.6	323.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	114.0	168.4	150.3
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1
2.5°	3958.9	3907.1	3891.5	3847.5	3842.3	3800.8	3785.3	3785.3	3803.4	3803.4	3821.6
5°	3699.8	3635.0	3598.7	3546.9	3534.0	3502.9	3482.2	3484.7	3508.1	3523.6	3554.7
7.5°	3471.8	3427.7	3401.8	3378.5	3373.3	3368.2	3344.8	3342.2	3350.0	3373.3	3396.7
10°	3375.9	3344.8	3352.6	3370.7	3399.2	3414.8	3394.1	3383.7	3375.9	3391.5	3412.2
12.5°	3469.2	3438.1	3453.7	3484.7	3523.6	3539.2	3531.4	3528.8	3536.6	3596.2	3640.2
15°	3673.9	3614.3	3593.6	3606.5	3637.6	3653.2	3645.4	3655.7	3705.0	3860.4	3971.8
17.5°	3927.8	3782.7	3699.8	3676.5	3689.4	3702.4	3702.4	3728.3	3813.8	4041.8	4181.7
20°	4065.1	3876.0	3736.1	3679.1	3684.2	3697.2	3697.2	3733.5	3829.3	4072.9	4163.6
22.5°	4028.8	3855.2	3684.2	3622.1	3624.7	3635.0	3635.0	3666.1	3751.6	3966.7	4008.1
25°	3886.3	3733.5	3565.1	3510.7	3515.8	3534.0	3528.8	3546.9	3611.7	3787.9	3811.2
27.5°	3715.3	3580.6	3414.8	3373.3	3396.7	3432.9	3401.8	3404.4	3464.0	3611.7	3614.3
30°	3531.4	3420.0	3272.3	3241.2	3285.2	3303.4	3274.9	3274.9	3334.5	3435.5	3432.9
32.5°	3331.9	3261.9	3155.7	3122.0	3171.2	3199.7	3163.5	3168.7	3215.3	3282.7	3256.7
35°	3145.3	3109.1	3059.8	3036.5	3067.6	3093.5	3070.2	3080.6	3124.6	3142.7	3106.5
37.5°	2966.6	2961.4	2966.6	2966.6	2974.3	2982.1	2966.6	2992.5	3031.3	3008.0	2966.6
40°	2811.1	2831.8	2881.1	2868.1	2860.3	2868.1	2857.8	2901.8	2940.7	2899.2	2850.0
42.5°	2681.6	2720.4	2795.6	2795.6	2780.0	2785.2	2780.0	2834.4	2862.9	2805.9	2751.5
45°	2570.2	2627.2	2723.0	2736.0	2710.1	2710.1	2720.4	2787.8	2798.2	2720.4	2663.4
47.5°	2492.4	2562.4	2671.2	2694.5	2655.7	2653.1	2681.6	2754.1	2754.1	2663.4	2598.7
50°	2438.0	2515.8	2645.3	2676.4	2637.5	2627.2	2673.8	2743.8	2728.2	2619.4	2554.6
52.5°	2401.8	2482.1	2642.7	2686.8	2660.8	2650.5	2697.1	2746.3	2707.5	2590.9	2523.5
55°	2378.4	2466.5	2650.5	2686.8	2658.3	2640.1	2686.8	2730.8	2710.1	2575.3	2510.6
57.5°	2391.4	2479.5	2640.1	2658.3	2624.6	2593.5	2647.9	2710.1	2702.3	2580.5	2515.8
60°	2370.7	2451.0	2583.1	2588.3	2531.3	2482.1	2562.4	2655.7	2655.7	2562.4	2505.4
62.5°	2274.8	2355.1	2471.7	2476.9	2412.1	2357.7	2451.0	2562.4	2559.8	2484.7	2425.1
65°	2116.8	2191.9	2324.0	2337.0	2272.2	2215.2	2311.1	2414.7	2422.5	2355.1	2303.3
67.5°	1943.2	2010.5	2109.0	2160.8	2106.4	2046.8	2134.9	2233.3	2230.8	2150.4	2096.0
70°	1735.9	1798.1	1888.8	1932.8	1899.1	1842.1	1922.4	1974.3	1950.9	1912.1	1875.8
72.5°	1531.2	1590.8	1676.3	1676.3	1640.0	1585.6	1608.9	1702.2	1730.7	1702.2	1678.9
75°	1316.2	1368.0	1427.6	1440.5	1360.2	1261.8	1370.6	1450.9	1484.6	1471.6	1443.1
77.5°	1095.9	1134.8	1222.9	1199.6	1049.3	997.5	1085.6	1204.8	1228.1	1220.3	1181.4
80°	844.6	867.9	961.2	914.6	798.0	764.3	803.2	896.4	901.6	875.7	826.5
82.5°	567.4	598.5	660.7	570.0	567.4	536.3	505.2	515.6	562.2	557.0	523.4
85°	290.2	305.7	365.3	342.0	292.8	253.9	241.0	256.5	230.6	209.9	181.4
87.5°	121.8	132.1	181.4	101.0	31.1	0.0	0.0	15.5	23.3	33.7	36.3
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°	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1
2.5°	3863.0	3891.5	3961.5	4049.6	4135.1	4223.1	4319.0	4378.6	4451.1	4544.4	4547.0
5°	3593.6	3658.3	3759.4	3894.1	4034.0	4194.6	4381.2	4536.6	4723.2	4870.9	4930.5
7.5°	3427.7	3521.0	3648.0	3819.0	4002.9	4202.4	4446.0	4707.6	5013.4	5210.3	5326.9
10°	3443.3	3585.8	3712.7	3857.8	4023.7	4238.7	4552.2	4899.4	5275.1	5534.1	5679.2
12.5°	3720.5	3870.8	3847.5	3839.7	3951.1	4212.8	4637.7	5093.7	5552.3	5811.4	5985.0
15°	4070.3	4127.3	3907.1	3741.2	3808.6	4119.5	4684.3	5267.3	5782.9	6099.0	6270.0
17.5°	4249.1	4135.1	3868.2	3619.5	3601.3	3977.0	4707.6	5443.5	6042.0	6358.0	6539.4
20°	4166.1	4000.3	3774.9	3539.2	3409.6	3782.7	4694.7	5583.4	6277.7	6630.1	6777.8
22.5°	3987.4	3842.3	3666.1	3440.7	3254.2	3570.2	4661.0	5723.3	6487.6	6842.5	6972.1
25°	3793.1	3684.2	3539.2	3342.2	3166.1	3383.7	4637.7	5909.8	6728.5	7067.9	7150.9
27.5°	3598.7	3518.4	3399.2	3246.4	3145.3	3254.2	4645.5	6153.4	7039.4	7360.7	7327.0
30°	3407.0	3337.1	3254.2	3186.8	3142.7	3223.1	4624.7	6412.5	7381.4	7679.4	7479.9
32.5°	3225.7	3160.9	3109.1	3119.4	3145.3	3236.0	4518.5	6648.2	7694.9	7948.8	7645.7
35°	3070.2	3002.8	3002.8	3039.1	3135.0	3192.0	4243.9	6832.2	8042.1	8296.0	7881.5
37.5°	2925.1	2865.5	2904.4	2964.0	3054.7	3072.8	3891.5	7010.9	8547.3	8785.7	8246.8
40°	2798.2	2738.6	2808.5	2883.7	2930.3	2922.5	3534.0	7259.7	9143.2	9389.4	8731.3
42.5°	2697.1	2642.7	2704.9	2800.8	2808.5	2816.3	3272.3	7498.0	9835.0	10148.5	9565.6
45°	2614.2	2575.3	2606.4	2702.3	2702.3	2821.5	3109.1	7697.5	10876.6	11431.0	11096.8
47.5°	2549.4	2526.1	2541.7	2572.8	2624.6	2914.8	3005.4	7850.4	12773.1	13861.3	13524.4
50°	2513.2	2489.8	2510.6	2445.8	2601.3	2961.4	2971.7	7967.0	15273.3	16978.1	16561.0
52.5°	2482.1	2474.3	2487.3	2337.0	2653.1	2930.3	2945.8	7811.5	16949.6	20045.7	20457.7
55°	2471.7	2476.9	2414.7	2256.7	2715.3	2826.7	2868.1	6700.0	17405.6	22691.0	25248.2
57.5°	2476.9	2461.3	2303.3	2264.4	2717.8	2619.4	2979.5	4780.2	16742.3	23841.4	29935.1
60°	2458.8	2381.0	2168.6	2334.4	2598.7	2375.8	2899.2	3116.8	14993.5	22957.9	30207.2
62.5°	2378.4	2264.4	2052.0	2373.3	2386.2	2230.8	2632.3	2401.8	12661.7	21066.5	27585.2
65°	2261.8	2109.0	1953.5	2292.9	2171.2	2163.4	1979.4	1925.0	10182.2	18815.0	25097.9
67.5°	2070.1	1917.3	1881.0	2109.0	1953.5	1917.3	1590.8	1596.0	8125.0	16415.9	22597.7
70°	1852.5	1699.6	1728.1	1906.9	1738.5	1593.4	1287.7	1329.1	6163.7	13677.3	19227.0
72.5°	1710.0	1505.3	1507.9	1678.9	1528.6	1290.3	1059.7	1095.9	3912.2	10309.1	15286.2
75°	1443.1	1326.5	1269.5	1360.2	1298.0	1005.3	891.3	883.5	2318.8	7389.2	11446.5
77.5°	1204.8	1114.1	1085.6	1121.9	969.0	743.6	717.7	704.7	1313.6	4733.6	7500.6
80°	873.1	849.8	847.2	865.4	746.2	546.7	546.7	549.3	707.3	2570.2	4228.3
82.5°	554.5	606.3	536.3	595.9	507.8	388.6	362.7	412.0	406.8	1095.9	1782.5
85°	230.6	316.1	295.4	313.5	241.0	212.5	228.0	246.1	235.8	422.3	694.4
87.5°	44.0	51.8	57.0	54.4	54.4	67.4	75.1	90.7	90.7	121.8	209.9
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: P642827

CATALOG NUMBER: GWS-SA6D-760-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1	4223.1
2.5°	4645.5	4720.6	4705.1	4738.7	4694.7	4710.2	4622.1	4598.8	4583.3	4588.5
5°	5122.2	5275.1	5303.6	5360.5	5321.7	5321.7	5166.2	5049.6	5008.2	4977.1
7.5°	5606.7	5826.9	5972.0	5987.5	5966.8	5925.4	5700.0	5490.1	5415.0	5350.2
10°	6036.8	6301.0	6464.3	6542.0	6503.1	6438.4	6158.5	5871.0	5780.3	5723.3
12.5°	6365.8	6599.0	6707.8	6759.6	6754.4	6731.1	6503.1	6192.2	6096.4	6008.3
15°	6578.3	6694.9	6653.4	6650.8	6687.1	6780.4	6710.4	6466.9	6355.5	6275.1
17.5°	6715.6	6604.2	6420.2	6334.7	6412.5	6632.7	6793.3	6656.0	6554.9	6466.9
20°	6764.8	6368.4	6101.5	5943.5	6034.2	6352.9	6749.3	6793.3	6707.8	6635.3
22.5°	6707.8	6080.8	5718.1	5531.5	5619.6	6000.5	6619.7	6904.7	6847.7	6777.8
25°	6567.9	5780.3	5345.0	5176.6	5272.5	5661.1	6389.1	7008.4	7010.9	6953.9
27.5°	6394.3	5503.0	5083.3	4925.3	5018.6	5381.3	6163.7	7099.0	7189.7	7169.0
30°	6218.1	5337.2	4959.0	4847.6	4917.5	5238.8	5933.1	7192.3	7373.7	7409.9
32.5°	6137.8	5417.5	5251.7	5301.0	5210.3	5321.7	5850.2	7324.4	7596.5	7656.1
35°	6244.0	6130.0	6549.8	6744.1	6422.8	6000.5	5956.5	7523.9	7910.0	7998.1
37.5°	6759.6	7656.1	8283.1	8967.1	8410.0	7479.9	6482.4	7863.3	8358.2	8498.1
40°	7881.5	8987.8	10120.0	11003.5	10161.5	8910.1	7482.5	8368.6	8974.8	9101.8
42.5°	8938.6	10236.6	11796.3	12938.9	11845.5	10078.6	8560.3	9218.4	9788.4	9858.3
45°	9974.9	11462.1	13825.0	15413.2	13928.6	11190.1	9661.4	10653.7	11083.8	11086.4
47.5°	11190.1	12843.0	16369.2	18631.1	16693.1	12420.7	10695.2	12925.9	13524.4	13231.7
50°	12643.5	14216.2	18988.6	22374.9	20063.8	13933.8	12008.8	15695.6	16511.7	16180.1
52.5°	14589.3	15729.3	21874.9	26025.5	23737.7	15656.7	13913.1	19353.9	19623.4	19004.2
55°	17327.9	17913.4	25579.8	30533.6	27839.1	17778.7	16698.3	23945.0	23191.0	21416.3
57.5°	23564.1	21369.7	30336.7	35676.5	32479.4	21633.9	22802.4	29007.6	26326.0	23333.5
60°	28782.2	25566.9	34738.6	40780.6	36456.4	25883.0	28533.5	29888.5	26209.4	23121.1
62.5°	27023.0	26636.9	36326.9	41342.8	37814.0	27973.8	27468.6	27668.1	24499.4	21709.1
65°	23709.2	24572.0	34909.6	38676.8	36308.7	26100.6	24846.6	25616.1	22543.3	19732.2
67.5°	21753.1	22387.9	32388.7	34409.6	33572.7	24074.5	22807.6	22250.6	19506.8	17118.0
70°	19752.9	20278.9	28849.6	29054.2	29305.5	20706.4	18649.2	16991.1	14540.1	12868.9
72.5°	17068.8	17097.3	24375.1	23188.5	23665.2	16203.4	15011.6	12703.1	10583.8	9068.1
75°	14319.8	13537.4	19294.4	16208.6	17164.6	12604.7	12464.8	9573.3	7982.5	6738.9
77.5°	10918.0	10003.4	14094.4	10658.9	12055.4	8394.5	9371.2	6492.8	5617.0	4484.8
80°	7329.6	6759.6	7788.2	6016.0	7886.7	5785.5	6111.9	3679.1	3189.4	2474.3
82.5°	3865.6	3300.8	4813.9	3567.7	4756.9	3179.0	2292.9	1137.4	969.0	782.4
85°	1497.5	1733.3	2360.3	1269.5	1844.7	1134.8	663.3	282.4	235.8	178.8
87.5°	290.2	448.2	246.1	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)