

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: P642495

Luminaire Tested: GWS-SA6D-722-U-SLL-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642495  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA6D-722-U-SLL-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

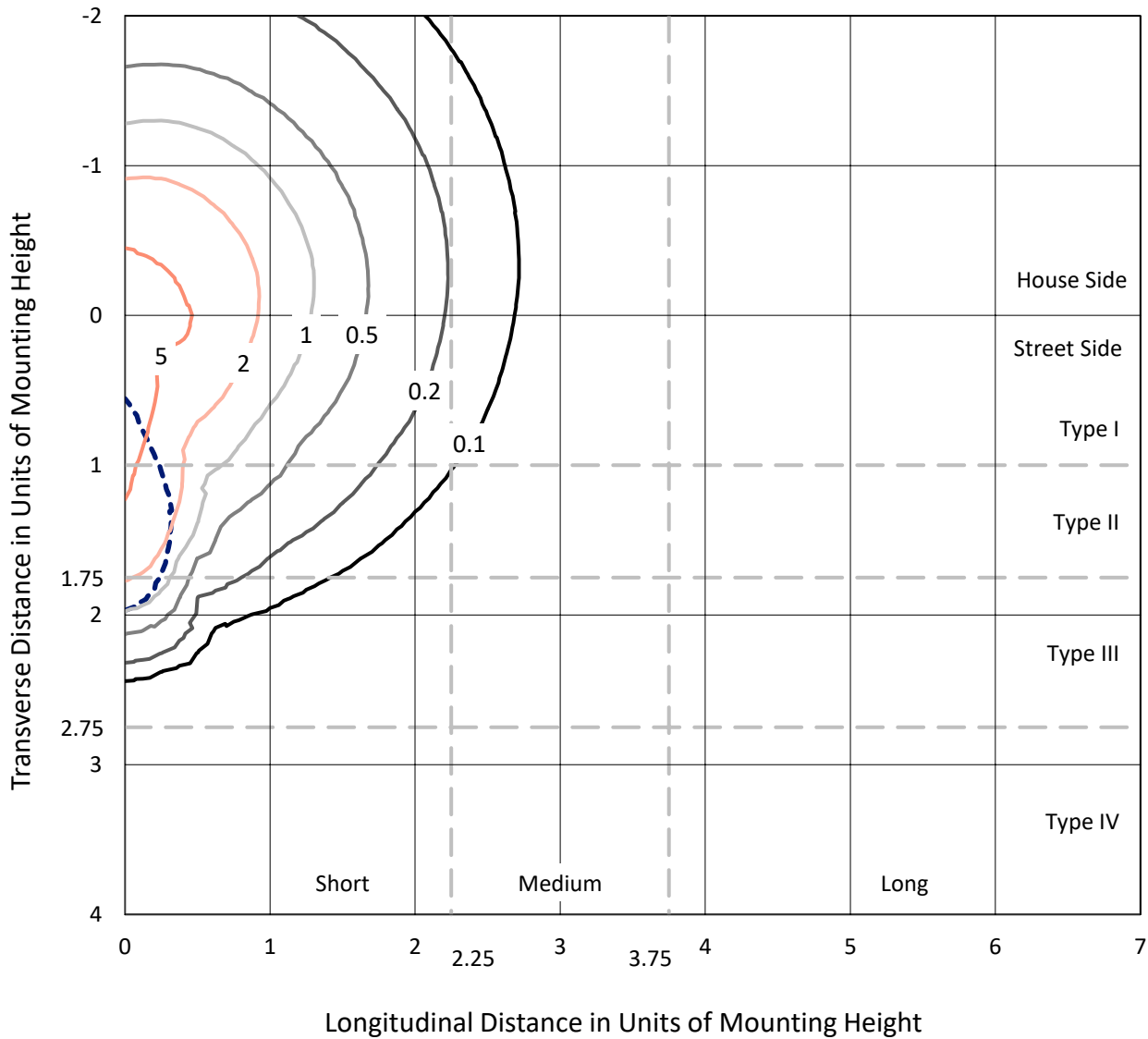
Lumens per Lamp: N/A  
Luminaire Lumens: 20538.4 lumens  
Efficiency: N/A  
Efficacy: 83.6 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 245.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
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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 CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

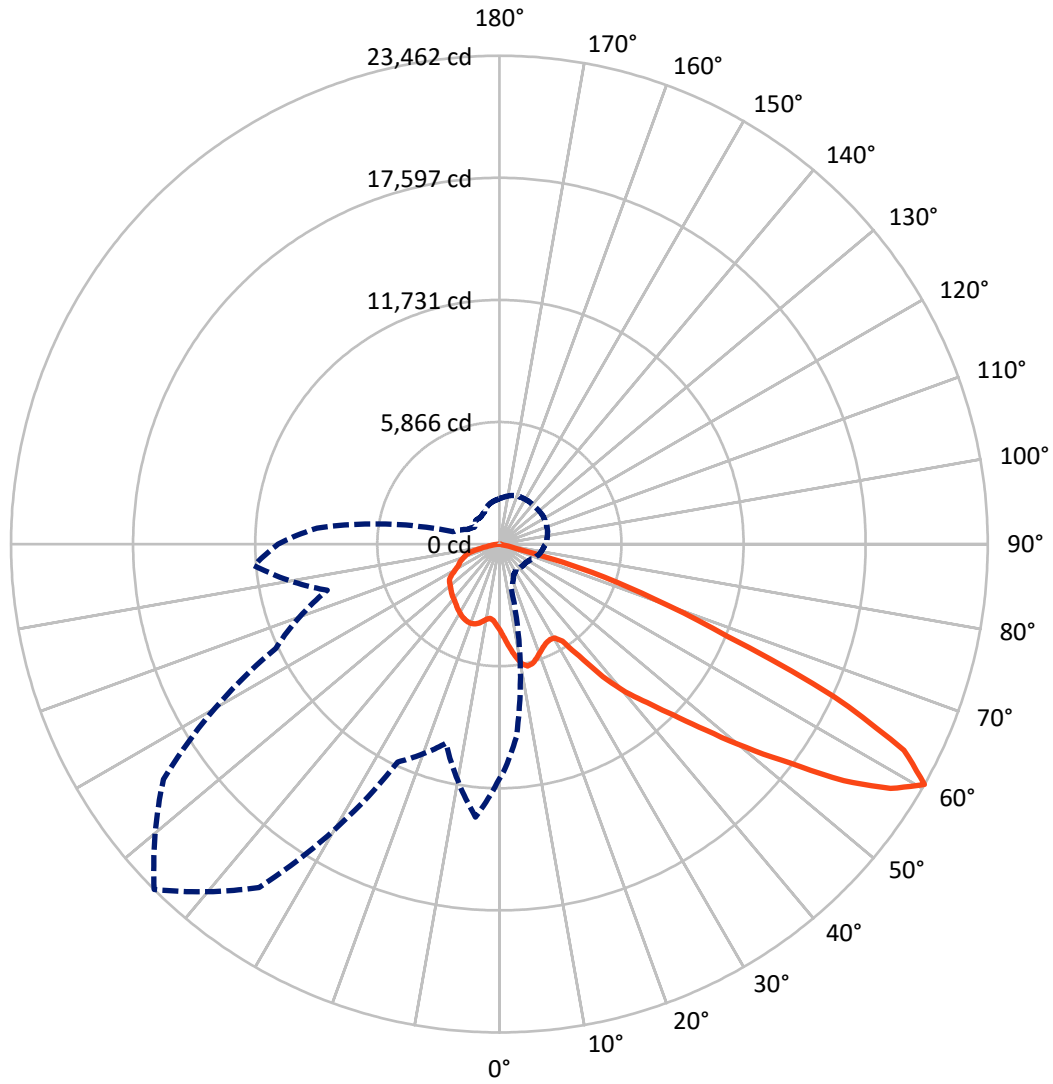
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 fc  
 Type III - Short - N/A

REPORT NUMBER: P642495  
CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P642495

CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

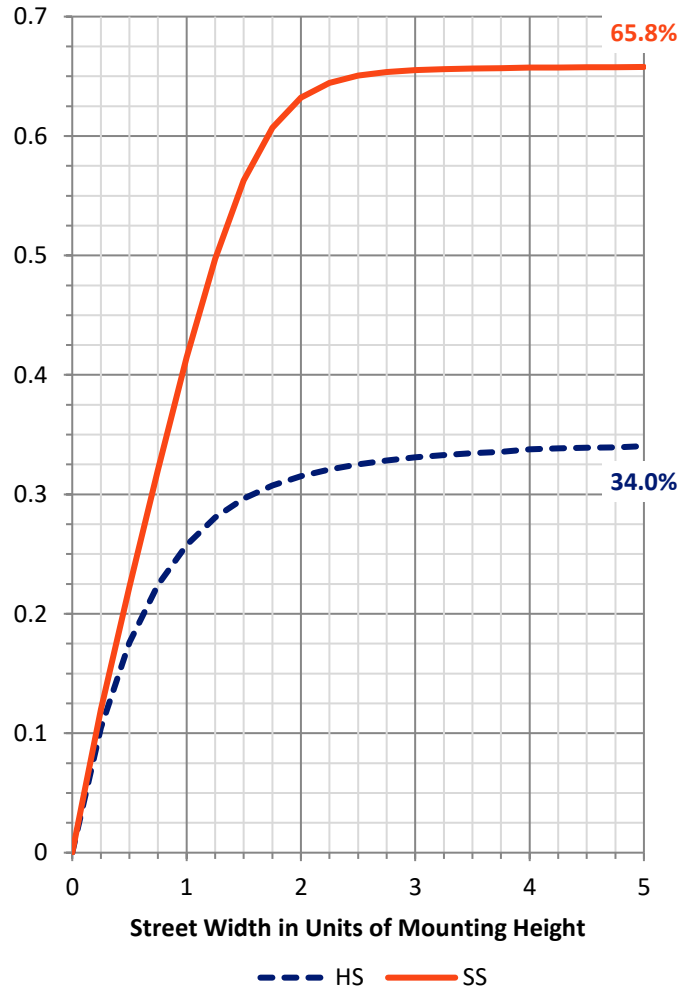
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7026.0	0.0	7026.0
	% Fixture	34.2	0.0	34.2
<b>Street Side</b>	Lumens	13512.4	0.0	13512.4
	% Fixture	65.8	0.0	65.8
<b>Total</b>	Lumens	20538.4	0.0	20538.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	404.7	2.0
10°-20°	1298.1	6.3
20°-30°	2114.1	10.3
30°-40°	2969.8	14.5
40°-50°	4063.9	19.8
50°-60°	5213.8	25.4
60°-70°	3510.7	17.1
70°-80°	877.7	4.3
80°-90°	85.6	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°	20538.4	100.0
0°-180°	20538.4	100.0

**Coefficient of Utilization**



REPORT NUMBER: P642495

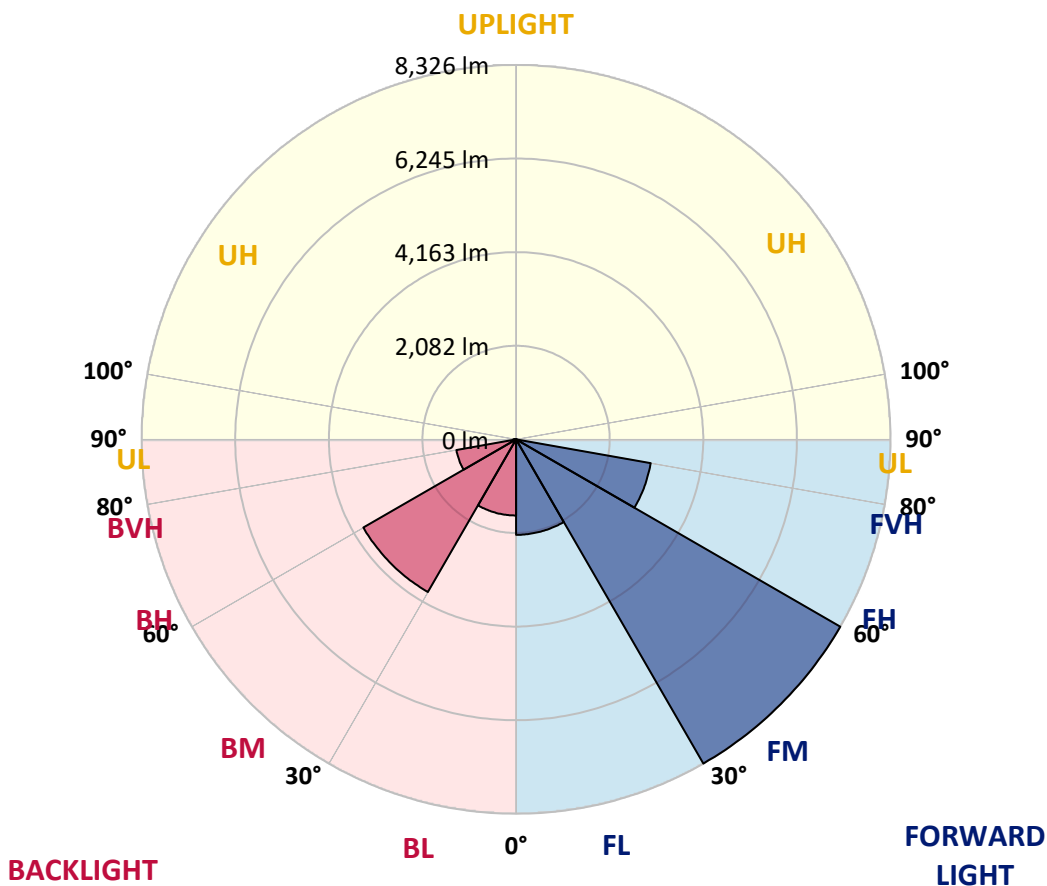
CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2123.2	10.3			
FM (30°-60°)	8326.4	40.5			
FH (60°-80°)	3040.5	14.8			G2/5000
FVH (80°-90°)	22.2	0.1			G1/100
BL (0°-30°)	1693.7	8.2	B3/2500		
BM (30°-60°)	3921.1	19.1	B3/5000		
BH (60°-80°)	1347.9	6.6	B3/2500		G3/2500
BVH (80°-90°)	63.3	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-G3**

Type III Short





REPORT NUMBER: P642495

CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4
2.5°	4382.6	4373.1	4363.7	4289.9	4271.0	4218.0	4180.2	4132.9	4064.8	4027.0	3994.8
5°	4656.9	4641.7	4590.7	4439.3	4341.0	4233.2	4144.3	4045.9	3941.9	3873.8	3820.8
7.5°	4916.0	4912.2	4825.2	4575.5	4416.6	4261.5	4140.5	3996.7	3847.3	3745.2	3677.1
10°	5156.2	5127.8	5023.8	4698.5	4490.4	4312.6	4182.1	4023.2	3849.2	3711.1	3620.3
12.5°	5368.1	5332.1	5188.4	4812.0	4554.7	4335.3	4193.4	4062.9	3947.6	3832.2	3728.1
15°	5542.1	5498.6	5352.9	4917.9	4611.5	4322.1	4123.5	4021.3	4061.0	4112.1	3996.7
17.5°	5704.8	5659.4	5481.6	4995.4	4628.5	4240.7	3951.3	3907.8	4108.3	4341.0	4288.0
20°	5840.9	5789.9	5583.7	5033.3	4598.2	4085.6	3728.1	3803.8	4068.6	4346.7	4431.8
22.5°	5988.5	5946.9	5699.1	5088.1	4560.4	3871.9	3540.9	3726.2	4000.5	4244.5	4373.1
25°	6224.9	6173.8	5878.8	5184.6	4541.5	3671.4	3406.6	3650.6	3905.9	4127.2	4227.5
27.5°	6567.3	6472.7	6124.7	5352.9	4562.3	3482.2	3321.5	3557.9	3796.2	3985.4	4066.7
30°	6939.9	6826.4	6397.0	5527.0	4592.6	3366.9	3276.1	3452.0	3627.9	3817.0	3905.9
32.5°	7380.6	7280.4	6688.3	5657.5	4528.2	3313.9	3242.0	3336.6	3476.6	3627.9	3701.7
35°	7906.5	7726.8	7006.1	5763.4	4320.2	3236.4	3211.8	3209.9	3283.6	3431.2	3514.4
37.5°	8472.0	8279.1	7397.6	5876.9	3996.7	3113.4	3139.9	3060.4	3128.5	3245.8	3340.4
40°	8935.4	8733.0	7793.0	6032.0	3592.0	2920.5	2981.0	2895.9	2937.5	3058.5	3164.5
42.5°	9389.4	9173.8	8161.8	6207.9	3200.4	2731.3	2761.6	2729.4	2742.7	2869.4	3016.9
45°	9985.2	9743.1	8615.8	6332.7	2848.6	2581.9	2553.5	2498.7	2568.7	2733.2	2890.2
47.5°	10980.1	10690.7	9359.1	6414.1	2593.2	2496.8	2366.3	2334.1	2421.1	2604.6	2767.3
50°	12143.4	11893.7	10547.0	6410.3	2402.2	2424.9	2184.7	2156.3	2300.1	2485.4	2657.6
52.5°	13096.7	12843.3	11562.7	6221.1	2245.2	2271.7	2078.8	1999.3	2196.0	2368.2	2540.3
55°	13866.6	13580.9	12029.9	5430.5	2046.6	2027.7	1963.4	1817.7	2065.5	2250.9	2411.7
57.5°	13452.3	13111.9	11464.4	4129.1	1842.3	1723.2	1764.8	1657.0	1887.7	2120.4	2275.5
60°	11279.0	10972.6	9313.7	2197.9	1621.0	1439.4	1526.4	1543.5	1692.9	1963.4	2122.3
62.5°	7747.6	7524.4	6311.9	1333.5	1278.7	1155.7	1291.9	1414.8	1526.4	1755.3	1893.4
65°	3790.6	3724.4	3156.9	855.0	894.7	934.4	1070.6	1220.0	1384.6	1585.1	1730.7
67.5°	1044.1	1051.7	957.1	667.7	705.5	815.2	923.1	1042.2	1206.8	1392.1	1539.7
70°	459.6	467.2	482.3	514.5	586.4	686.6	798.2	921.2	1072.5	1227.6	1369.4
72.5°	319.7	327.2	349.9	391.5	455.9	550.4	656.3	773.6	930.6	1061.1	1178.4
75°	196.7	202.4	223.2	259.1	302.6	374.5	478.5	586.4	724.4	843.6	947.6
77.5°	104.0	100.2	113.5	138.1	175.9	213.7	283.7	351.8	450.2	546.6	633.7
80°	56.7	54.9	62.4	75.7	87.0	117.3	164.6	210.0	266.7	321.6	368.8
82.5°	24.6	22.7	24.6	32.2	39.7	56.7	83.2	115.4	147.5	185.4	215.6
85°	0.0	0.0	0.0	1.9	9.5	15.1	28.4	41.6	60.5	83.2	102.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	17.0
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: P642495

CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4
2.5°	3975.9	3928.6	3924.9	3887.0	3890.8	3892.7	3854.9	3839.7	3853.0	3868.1	3860.5
5°	3801.9	3752.7	3731.9	3696.0	3692.2	3675.2	3660.0	3641.1	3654.4	3667.6	3675.2
7.5°	3650.6	3618.4	3605.2	3595.7	3599.5	3592.0	3561.7	3544.7	3542.8	3548.4	3556.0
10°	3601.4	3574.9	3592.0	3618.4	3637.3	3650.6	3618.4	3590.1	3563.6	3552.2	3552.2
12.5°	3707.3	3673.3	3707.3	3735.7	3773.5	3783.0	3747.1	3716.8	3707.3	3718.7	3741.4
15°	3941.9	3862.4	3860.5	3877.6	3907.8	3923.0	3888.9	3873.8	3873.8	3945.7	4002.4
17.5°	4176.4	4045.9	3991.1	3981.6	4000.5	4006.2	3977.8	3964.6	3998.6	4138.6	4244.5
20°	4341.0	4182.1	4062.9	4040.2	4045.9	4047.8	4025.1	4015.6	4064.8	4235.1	4324.0
22.5°	4324.0	4206.7	4061.0	4032.7	4042.1	4038.3	4017.5	4013.8	4053.5	4201.0	4242.6
25°	4206.7	4115.9	3992.9	3974.0	3989.2	3987.3	3966.5	3957.0	3974.0	4072.4	4076.2
27.5°	4072.4	3992.9	3887.0	3881.4	3905.9	3919.2	3883.2	3854.9	3849.2	3915.4	3900.3
30°	3911.6	3853.0	3767.9	3771.6	3817.0	3824.6	3781.1	3739.5	3728.1	3764.1	3743.3
32.5°	3720.6	3701.7	3656.3	3665.7	3709.2	3724.4	3679.0	3635.5	3622.2	3633.6	3590.1
35°	3557.9	3550.3	3554.1	3571.1	3609.0	3620.3	3582.5	3548.4	3529.5	3489.8	3433.1
37.5°	3389.6	3410.4	3465.2	3497.4	3518.2	3514.4	3493.6	3469.0	3438.7	3365.0	3295.0
40°	3232.6	3285.5	3383.9	3419.8	3427.4	3429.3	3414.2	3393.3	3355.5	3257.2	3177.7
42.5°	3111.5	3170.1	3300.7	3355.5	3359.3	3363.1	3347.9	3330.9	3278.0	3147.4	3069.9
45°	2984.8	3062.3	3215.5	3281.7	3278.0	3276.1	3262.8	3255.3	3192.8	3041.5	2956.4
47.5°	2877.0	2967.8	3132.3	3189.1	3187.2	3185.3	3175.8	3175.8	3113.4	2948.8	2852.4
50°	2771.0	2875.1	3047.2	3094.5	3098.3	3094.5	3090.7	3096.4	3022.6	2846.7	2752.1
52.5°	2655.7	2772.9	2952.6	2996.1	3018.8	3028.3	3028.3	3015.0	2928.0	2744.6	2640.5
55°	2528.9	2640.5	2848.6	2907.2	2926.1	2943.2	2943.2	2916.7	2835.4	2650.0	2538.4
57.5°	2371.9	2470.3	2634.9	2693.5	2738.9	2750.2	2750.2	2706.7	2640.5	2462.7	2371.9
60°	2201.7	2286.8	2398.4	2460.8	2494.9	2472.2	2489.2	2477.9	2424.9	2260.3	2184.7
62.5°	1974.7	2061.7	2184.7	2249.0	2264.1	2241.4	2264.1	2262.2	2190.4	2042.8	1952.0
65°	1812.1	1897.2	2018.2	2101.5	2126.0	2120.4	2135.5	2112.8	2023.9	1883.9	1796.9
67.5°	1619.1	1709.9	1849.9	1942.6	1993.6	1999.3	2020.1	1972.8	1882.0	1728.8	1619.1
70°	1435.6	1513.2	1621.0	1708.0	1779.9	1815.8	1819.6	1751.5	1638.0	1511.3	1431.9
72.5°	1242.7	1322.2	1452.7	1547.2	1638.0	1679.6	1679.6	1596.4	1473.5	1333.5	1248.4
75°	1008.2	1081.9	1201.1	1303.2	1407.3	1460.2	1458.3	1386.5	1250.3	1117.9	1029.0
77.5°	682.8	737.7	813.3	890.9	906.0	947.6	968.4	877.7	802.0	730.1	650.7
80°	397.2	431.3	472.9	516.4	525.8	539.1	505.0	471.0	431.3	384.0	348.0
82.5°	232.7	255.4	276.2	310.2	315.9	319.7	289.4	274.3	242.1	213.7	191.0
85°	113.5	121.1	140.0	157.0	149.4	145.6	132.4	117.3	104.0	92.7	81.3
87.5°	22.7	22.7	34.0	32.2	26.5	22.7	13.2	17.0	3.8	3.8	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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4
2.5°	3885.1	3917.3	3957.0	4010.0	4070.5	4134.8	4197.2	4244.5	4291.8	4361.8	4350.4
5°	3686.5	3741.4	3803.8	3885.1	3983.5	4095.1	4219.9	4344.8	4479.1	4592.6	4641.7
7.5°	3571.1	3631.7	3705.4	3811.4	3938.1	4074.3	4250.2	4452.6	4670.1	4819.5	4912.2
10°	3571.1	3648.7	3745.2	3847.3	3958.9	4098.9	4316.4	4569.9	4849.8	5046.5	5154.3
12.5°	3777.3	3854.9	3875.7	3871.9	3934.3	4089.4	4369.4	4692.8	5027.6	5235.7	5368.1
15°	4098.9	4125.4	3968.4	3824.6	3834.1	4021.3	4393.9	4791.2	5180.8	5430.5	5574.2
17.5°	4314.5	4244.5	3964.6	3713.0	3660.0	3905.9	4393.9	4885.7	5343.5	5625.3	5759.6
20°	4331.5	4157.5	3868.1	3605.2	3469.0	3752.7	4363.7	4957.6	5500.5	5812.6	5956.3
22.5°	4182.1	4010.0	3766.0	3512.5	3312.0	3567.4	4314.5	5012.5	5634.8	5988.5	6166.3
25°	4011.9	3868.1	3661.9	3417.9	3204.2	3380.1	4269.1	5105.1	5822.0	6226.8	6406.5
27.5°	3845.4	3724.4	3537.1	3338.5	3143.7	3217.4	4240.7	5241.3	6045.2	6565.4	6720.5
30°	3682.7	3573.0	3402.8	3262.8	3111.5	3111.5	4216.1	5398.3	6340.3	6945.6	7100.7
32.5°	3518.2	3414.2	3276.1	3189.1	3092.6	3069.9	4148.1	5545.9	6644.8	7361.7	7520.6
35°	3365.0	3260.9	3155.0	3119.1	3083.1	3037.7	3979.7	5661.2	6941.8	7847.8	7984.0
37.5°	3221.2	3121.0	3041.5	3032.1	3035.9	2950.7	3714.9	5757.7	7312.5	8345.3	8417.2
40°	3096.4	2984.8	2922.4	2920.5	2939.4	2810.8	3380.1	5895.8	7736.2	8767.1	8736.8
42.5°	2984.8	2867.5	2791.8	2808.9	2797.5	2670.8	3052.9	6022.5	8105.1	9162.4	9101.9
45°	2875.1	2761.6	2655.7	2680.3	2667.0	2583.8	2774.8	6115.2	8513.6	9637.2	9644.7
47.5°	2769.2	2657.6	2551.6	2521.4	2519.5	2557.3	2561.1	6145.5	9179.4	10401.3	10229.2
50°	2670.8	2559.2	2449.5	2347.3	2387.1	2504.3	2402.2	6122.8	10176.3	11244.9	10764.5
52.5°	2568.7	2462.7	2341.7	2158.2	2262.2	2377.6	2260.3	6041.4	10785.3	11990.2	11702.7
55°	2451.4	2351.1	2186.6	1963.4	2090.1	2114.7	2114.7	5254.6	11044.4	12727.9	12905.7
57.5°	2294.4	2162.0	1901.0	1721.3	1834.8	1740.2	1959.6	3677.1	10617.0	12495.2	13185.6
60°	2116.6	1974.7	1698.6	1569.9	1604.0	1437.5	1670.2	2305.7	8799.2	10632.1	11827.5
62.5°	1882.0	1751.5	1522.7	1422.4	1352.4	1172.7	1344.9	1458.3	6032.0	7895.1	8710.3
65°	1725.0	1581.3	1377.0	1244.6	1100.9	943.9	892.8	957.1	3243.9	4418.5	4969.0
67.5°	1539.7	1397.8	1204.9	1038.4	923.1	809.6	720.7	698.0	1112.2	1471.6	1592.6
70°	1363.8	1227.6	1066.8	911.7	796.3	684.7	597.7	535.3	514.5	510.7	503.1
72.5°	1184.1	1057.3	923.1	779.3	652.6	550.4	472.9	401.0	370.7	361.3	351.8
75°	970.3	870.1	735.8	580.7	478.5	384.0	323.4	276.2	249.7	240.2	228.9
77.5°	624.2	578.8	461.5	374.5	289.4	228.9	196.7	166.5	149.4	145.6	136.2
80°	332.9	310.2	255.4	215.6	172.1	140.0	122.9	105.9	96.5	92.7	88.9
82.5°	185.4	168.3	141.9	124.8	100.2	85.1	75.7	68.1	62.4	60.5	58.6
85°	83.2	71.9	56.7	53.0	47.3	43.5	41.6	37.8	35.9	34.0	32.2
87.5°	3.8	7.6	9.5	7.6	7.6	11.3	13.2	13.2	11.3	11.3	9.5
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: P642495

CATALOG NUMBER: GWS-SA6D-722-U-SLL-W-GRSWH

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4	4142.4
2.5°	4420.4	4477.2	4482.8	4501.8	4477.2	4471.5	4431.8	4409.1	4388.3	4382.6
5°	4764.7	4878.2	4923.6	4955.7	4925.5	4910.3	4823.3	4732.5	4681.5	4656.9
7.5°	5118.4	5288.6	5377.5	5417.2	5421.0	5352.9	5203.5	5033.3	4948.2	4916.0
10°	5434.3	5644.2	5761.5	5837.2	5810.7	5727.5	5523.2	5292.4	5184.6	5156.2
12.5°	5668.8	5869.3	5960.1	6009.3	6007.4	5962.0	5769.1	5519.4	5396.4	5368.1
15°	5820.1	5939.3	5945.0	5956.3	5988.5	6049.0	5948.8	5718.0	5581.8	5542.1
17.5°	5939.3	5892.0	5803.1	5772.8	5844.7	6013.1	6073.6	5886.3	5738.8	5704.8
20°	6015.0	5776.6	5619.6	5561.0	5644.2	5918.5	6149.3	6037.7	5884.4	5840.9
22.5°	6073.6	5668.8	5415.4	5375.6	5462.6	5816.4	6226.8	6217.3	6049.0	5988.5
25°	6166.3	5596.9	5271.6	5243.2	5324.6	5767.2	6330.8	6461.4	6311.9	6224.9
27.5°	6311.9	5589.4	5197.8	5188.4	5300.0	5810.7	6480.3	6818.8	6631.6	6567.3
30°	6514.3	5661.2	5214.9	5233.8	5370.0	5967.7	6712.9	7227.4	7040.1	6939.9
32.5°	6805.6	5854.2	5474.0	5555.3	5655.6	6219.2	7053.4	7670.0	7528.2	7380.6
35°	7189.6	6383.8	6240.0	6586.2	6491.6	6769.7	7463.8	8207.2	8035.1	7906.5
37.5°	7702.2	7469.5	7601.9	8078.6	7849.7	7810.0	7965.1	8695.2	8600.6	8472.0
40°	8420.9	8468.2	8712.2	9338.3	9007.3	8752.0	8579.8	9062.2	9094.3	8935.4
42.5°	8897.6	9115.1	9703.4	10414.6	9958.7	9347.8	9094.3	9531.3	9533.1	9389.4
45°	9075.4	9644.7	10874.2	11693.2	10931.0	9688.2	9378.0	10168.7	10149.8	9985.2
47.5°	9011.1	10091.1	12090.4	13342.6	12179.3	9930.4	9338.3	11076.6	11229.8	10980.1
50°	8876.8	10539.4	13511.0	15362.7	13711.5	10187.6	9277.8	12082.9	12336.3	12143.4
52.5°	9013.0	11038.8	15190.6	17450.9	15633.2	10598.1	9686.4	13374.8	13329.4	13096.7
55°	9444.2	11628.9	17231.5	20074.5	17744.1	11292.2	10736.1	14606.1	14144.6	13866.6
57.5°	9423.4	12050.7	19020.9	22149.4	19580.8	11861.6	11101.2	14736.6	13804.1	13452.3
60°	8553.3	11857.8	19701.8	23462.1	20135.0	11547.6	9900.1	13162.9	11647.8	11279.0
62.5°	6383.8	10522.4	18381.6	21818.4	18566.9	9973.9	7444.9	9448.0	8369.9	7747.6
65°	4083.7	8231.8	15453.5	17676.0	15304.1	7628.4	4433.7	5065.4	3968.4	3790.6
67.5°	1738.3	5810.7	12012.9	11814.3	11449.2	4942.5	1711.8	1426.2	1063.0	1044.1
70°	575.0	3953.2	7405.2	7880.0	6837.8	3404.7	565.6	478.5	476.7	459.6
72.5°	376.4	2122.3	4168.9	4641.7	4399.6	1959.6	342.4	319.7	327.2	319.7
75°	225.1	461.5	701.7	911.7	701.7	329.1	206.2	202.4	206.2	196.7
77.5°	132.4	128.6	124.8	124.8	122.9	113.5	104.0	100.2	102.1	104.0
80°	85.1	81.3	77.6	75.7	66.2	62.4	58.6	54.9	54.9	56.7
82.5°	54.9	51.1	47.3	41.6	34.0	28.4	26.5	22.7	22.7	24.6
85°	28.4	22.7	17.0	13.2	7.6	3.8	0.0	0.0	0.0	0.0
87.5°	5.7	0.0	0.0	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)