

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: P642607

Luminaire Tested: GWS-SA6D-730-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P642607  
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-730-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND  
SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

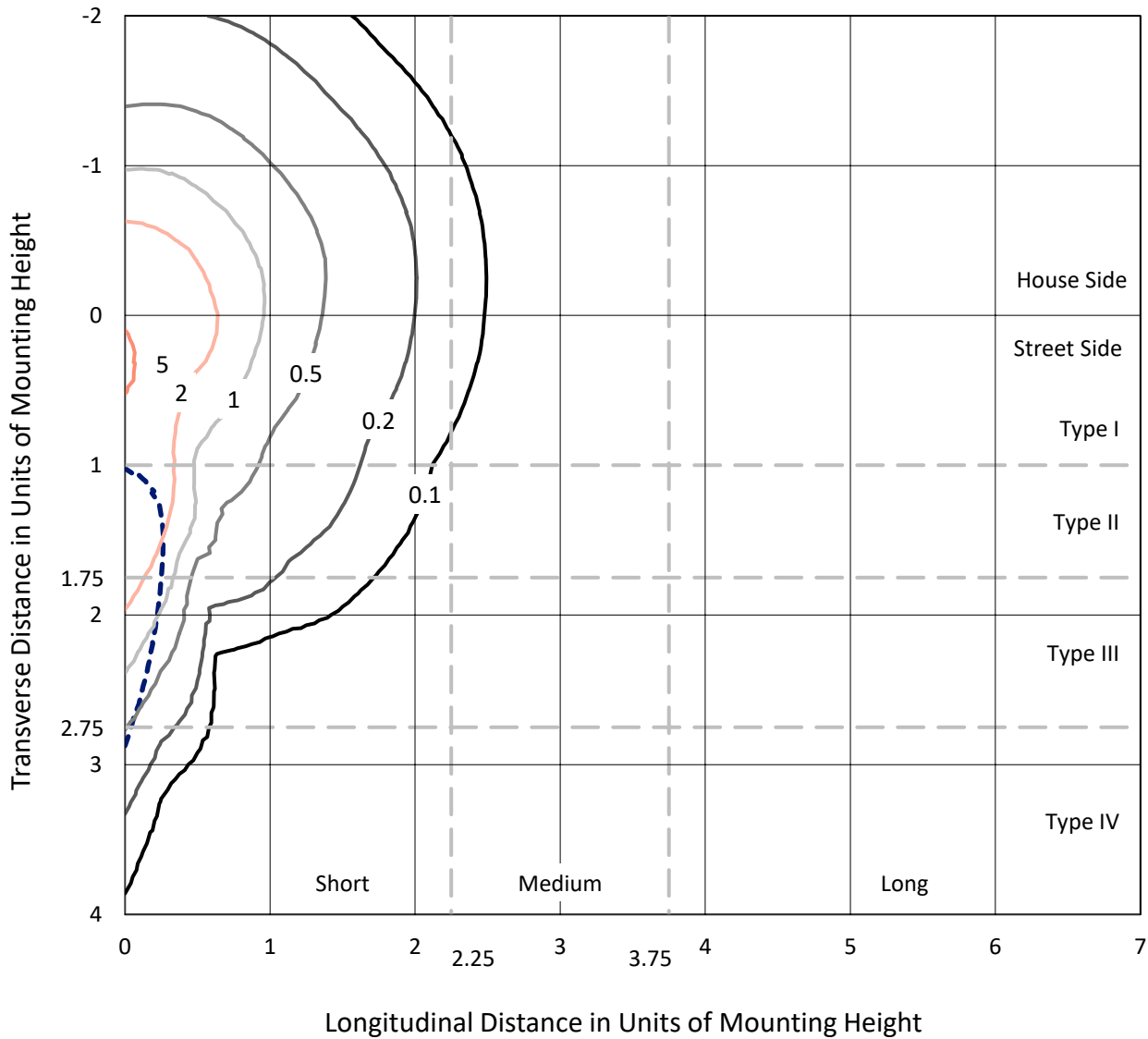
Lumens per Lamp: N/A  
Luminaire Lumens: 30572.5 lumens  
Efficiency: N/A  
Efficacy: 124.4 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 245.7  
Input Voltage (V): 120  
Input Current (Ain): 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

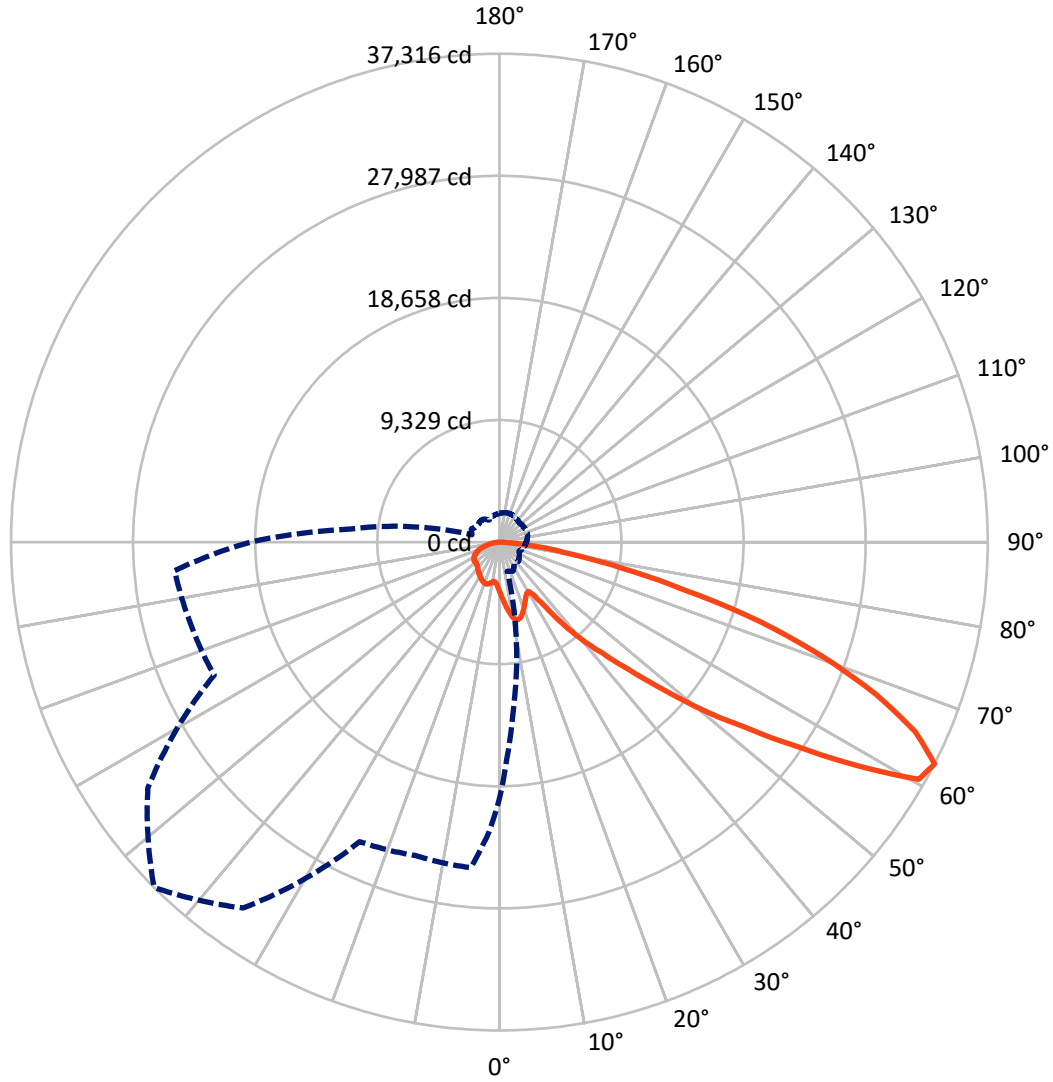
× Max cd  
 - - - 1/2 Max cd



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

REPORT NUMBER: P642607  
CATALOG NUMBER: GWS-SA6D-730-U-SLL-W

### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P642607

CATALOG NUMBER: GWS-SA6D-730-U-SLL-W

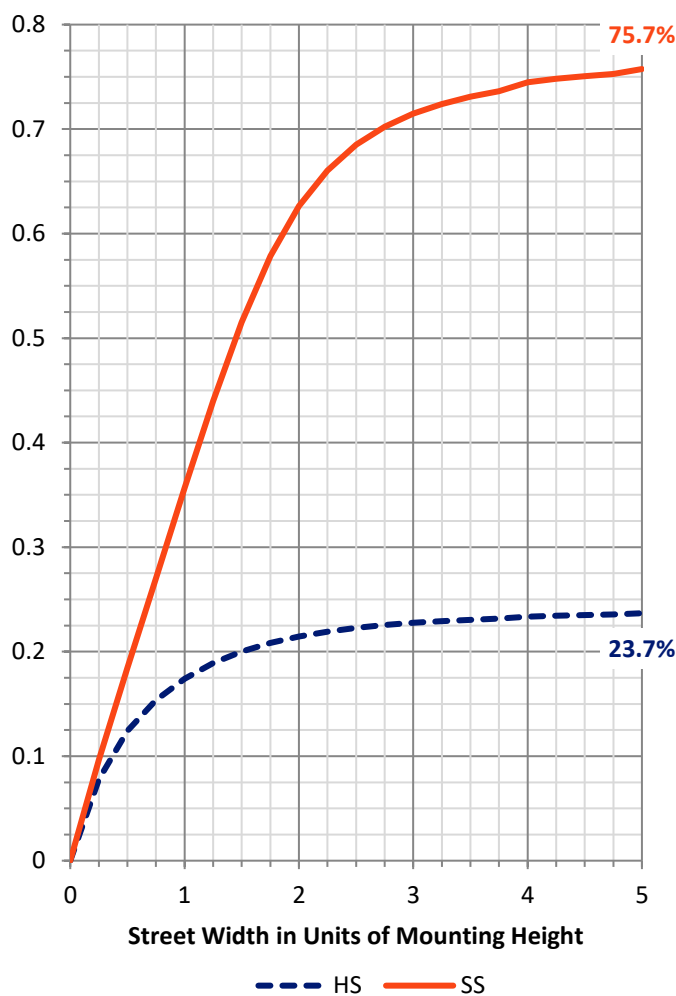
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7309.9	0.0	7309.9
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	23262.6	0.0	23262.6
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	30572.5	0.0	30572.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	375.5	1.2
10°-20°	1220.4	4.0
20°-30°	1921.2	6.3
30°-40°	2633.4	8.6
40°-50°	4108.9	13.4
50°-60°	7084.6	23.2
60°-70°	8210.1	26.9
70°-80°	4333.7	14.2
80°-90°	684.6	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°	30572.5	100.0
0°-180°	30572.5	100.0

**Coefficient of Utilization**



REPORT NUMBER: P642607

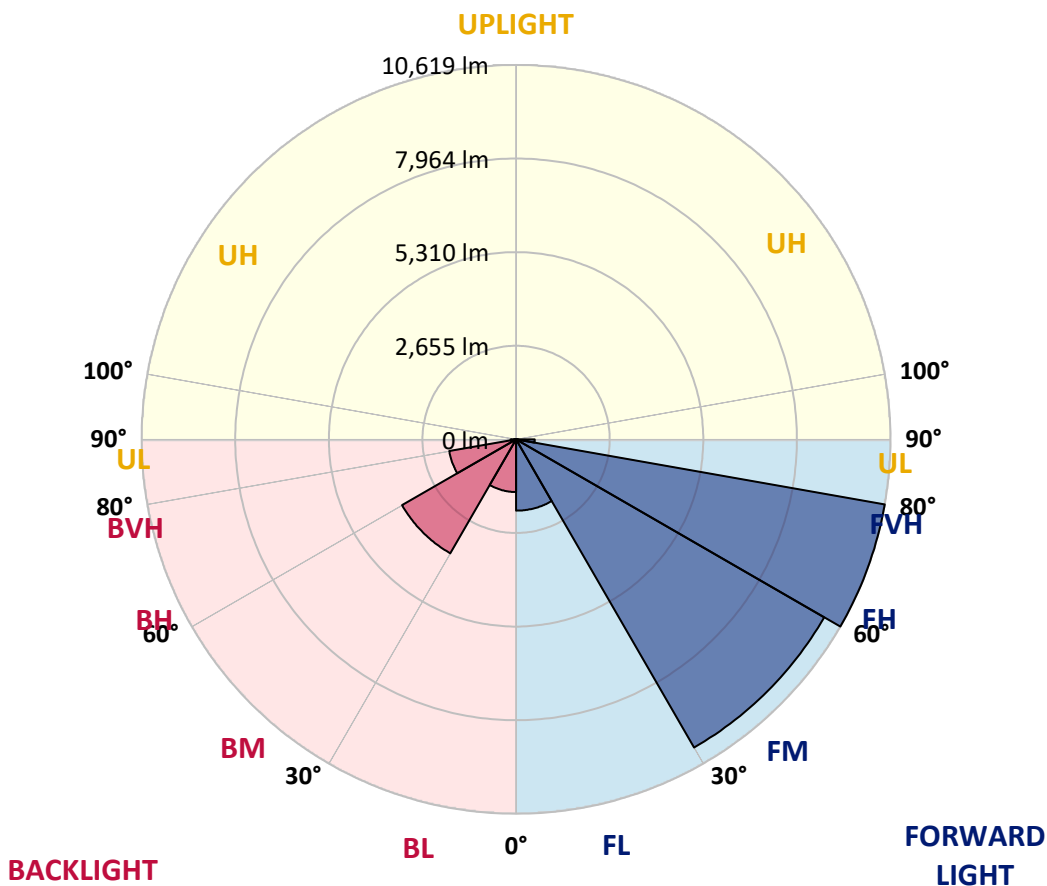
CATALOG NUMBER: GWS-SA6D-730-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2022.0	6.6			
FM (30°-60°)	10093.1	33.0			
FH (60°-80°)	10619.1	34.7			G4/12000
FVH (80°-90°)	528.4	1.7			G4/750
BL (0°-30°)	1495.1	4.9	B3/2500		
BM (30°-60°)	3733.9	12.2	B3/5000		
BH (60°-80°)	1924.7	6.3	B3/2500		G3/2500
BVH (80°-90°)	156.2	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°	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8
2.5°	4141.5	4125.1	4101.7	4022.2	3973.1	3917.0	3858.5	3790.7	3713.5	3659.8	3606.0
5°	4492.3	4466.5	4410.4	4221.0	4090.0	3947.4	3828.1	3692.5	3559.2	3468.0	3376.8
7.5°	4829.0	4796.3	4709.7	4419.8	4207.0	4001.2	3821.1	3624.7	3425.9	3290.3	3182.7
10°	5165.8	5097.9	4988.0	4609.2	4328.6	4090.0	3884.3	3643.4	3379.1	3194.4	3079.8
12.5°	5423.0	5359.8	5240.6	4782.2	4450.2	4150.8	3919.3	3697.2	3472.7	3276.2	3159.3
15°	5663.9	5582.0	5446.4	4943.6	4550.7	4148.5	3849.2	3655.1	3622.3	3573.2	3421.2
17.5°	5836.9	5762.1	5621.8	5074.5	4606.8	4076.0	3655.1	3540.5	3687.8	3837.5	3692.5
20°	5988.9	5902.4	5759.7	5165.8	4618.5	3914.7	3418.9	3421.2	3652.7	3858.5	3823.5
22.5°	6117.5	6021.6	5895.4	5268.6	4613.9	3690.2	3213.1	3353.4	3584.9	3746.3	3751.0
25°	6276.5	6197.0	6091.8	5420.6	4613.9	3461.0	3063.4	3271.6	3470.3	3606.0	3601.3
27.5°	6470.6	6416.8	6330.3	5652.2	4656.0	3269.2	2979.3	3166.3	3323.0	3439.9	3437.6
30°	6688.1	6639.0	6573.5	5897.7	4728.5	3126.6	2932.5	3035.4	3150.0	3243.5	3243.5
32.5°	6910.3	6891.6	6821.4	6094.1	4672.3	3082.1	2892.7	2904.4	2965.2	3042.4	3035.4
35°	7219.0	7200.2	7111.4	6246.1	4429.1	3019.0	2829.6	2771.1	2778.1	2827.2	2843.6
37.5°	7670.3	7642.2	7511.3	6423.9	4062.0	2860.0	2726.7	2630.8	2609.8	2630.8	2661.2
40°	8215.2	8173.1	7995.3	6664.7	3638.7	2644.8	2565.3	2485.8	2450.7	2457.8	2492.8
42.5°	8898.0	8809.1	8554.2	6919.6	3220.1	2455.4	2385.3	2336.2	2296.4	2291.7	2359.5
45°	10006.4	9763.2	9358.7	7146.5	2867.0	2354.9	2223.9	2188.8	2156.1	2174.8	2254.3
47.5°	11942.7	11493.7	10705.7	7340.6	2651.9	2357.2	2095.3	2057.9	2055.5	2093.0	2181.8
50°	14603.9	13956.2	12740.2	7471.5	2539.6	2385.3	2018.1	1957.3	2001.8	2039.2	2123.4
52.5°	17152.9	16163.7	14716.2	7469.2	2490.5	2389.9	2039.2	1863.8	2001.8	2011.1	2090.6
55°	19330.1	17538.8	15249.4	6702.1	2420.3	2371.2	2121.0	1791.3	1976.0	2011.1	2074.3
57.5°	21060.5	18413.4	15209.6	5413.6	2633.2	2268.3	2170.1	1774.9	1901.2	2015.8	2088.3
60°	20868.8	18013.5	14229.8	3323.0	2612.1	2085.9	2163.1	1805.3	1774.9	1952.6	2071.9
62.5°	19594.3	16580.0	12543.7	2305.8	2453.1	1980.7	2048.5	1859.1	1658.0	1861.4	1992.4
65°	17810.0	14730.2	10453.1	1767.9	2032.2	1985.4	1854.4	1821.7	1555.1	1716.5	1856.8
67.5°	15450.5	12436.2	8252.6	1400.8	1417.1	1718.8	1683.7	1618.2	1459.2	1587.8	1714.1
70°	11615.3	9075.7	5677.9	1127.2	1073.4	1435.8	1513.0	1454.5	1365.7	1403.1	1536.4
72.5°	8184.8	5925.8	3110.2	893.3	827.8	1103.8	1314.2	1304.9	1206.7	1234.7	1365.7
75°	6082.4	4192.9	1943.3	706.2	673.5	790.4	1101.4	1129.5	1047.6	1080.4	1180.9
77.5°	4047.9	2715.0	1080.4	523.8	523.8	577.6	820.8	951.8	891.0	916.7	986.8
80°	2233.3	1382.1	540.2	343.8	353.1	397.5	598.7	685.2	687.5	750.7	769.4
82.5°	706.2	439.6	240.9	201.1	189.4	226.8	385.9	491.1	458.3	584.6	537.9
85°	161.4	102.9	44.4	44.4	49.1	74.8	147.3	261.9	334.4	402.2	292.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	102.9	152.0	135.6
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: P642607

CATALOG NUMBER: GWS-SA6D-730-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8
2.5°	3573.2	3526.5	3512.4	3472.7	3468.0	3430.6	3416.6	3416.6	3432.9	3432.9	3449.3
5°	3339.4	3280.9	3248.2	3201.4	3189.7	3161.7	3142.9	3145.3	3166.3	3180.4	3208.4
7.5°	3133.6	3093.8	3070.5	3049.4	3044.7	3040.1	3019.0	3016.7	3023.7	3044.7	3065.8
10°	3047.1	3019.0	3026.0	3042.4	3068.1	3082.1	3063.4	3054.1	3047.1	3061.1	3079.8
12.5°	3131.3	3103.2	3117.2	3145.3	3180.4	3194.4	3187.4	3185.0	3192.1	3245.8	3285.6
15°	3316.0	3262.2	3243.5	3255.2	3283.3	3297.3	3290.3	3299.6	3344.1	3484.4	3584.9
17.5°	3545.2	3414.2	3339.4	3318.3	3330.0	3341.7	3341.7	3365.1	3442.3	3648.1	3774.3
20°	3669.1	3498.4	3372.1	3320.7	3325.3	3337.0	3337.0	3369.8	3456.3	3676.1	3758.0
22.5°	3636.4	3479.7	3325.3	3269.2	3271.6	3280.9	3280.9	3309.0	3386.2	3580.2	3617.7
25°	3507.8	3369.8	3217.8	3168.7	3173.3	3189.7	3185.0	3201.4	3259.9	3418.9	3439.9
27.5°	3353.4	3231.8	3082.1	3044.7	3065.8	3098.5	3070.5	3072.8	3126.6	3259.9	3262.2
30°	3187.4	3086.8	2953.5	2925.5	2965.2	2981.6	2955.9	2955.9	3009.7	3100.9	3098.5
32.5°	3007.3	2944.2	2848.3	2817.9	2862.3	2888.0	2855.3	2860.0	2902.1	2962.9	2939.5
35°	2838.9	2806.2	2761.8	2740.7	2768.8	2792.2	2771.1	2780.5	2820.2	2836.6	2803.9
37.5°	2677.6	2672.9	2677.6	2677.6	2684.6	2691.6	2677.6	2701.0	2736.0	2715.0	2677.6
40°	2537.3	2556.0	2600.4	2588.7	2581.7	2588.7	2579.4	2619.1	2654.2	2616.8	2572.4
42.5°	2420.3	2455.4	2523.2	2523.2	2509.2	2513.9	2509.2	2558.3	2584.0	2532.6	2483.5
45°	2319.8	2371.2	2457.8	2469.5	2446.1	2446.1	2455.4	2516.2	2525.6	2455.4	2404.0
47.5°	2249.6	2312.8	2411.0	2432.0	2397.0	2394.6	2420.3	2485.8	2485.8	2404.0	2345.5
50°	2200.5	2270.7	2387.6	2415.7	2380.6	2371.2	2413.3	2476.5	2462.4	2364.2	2305.8
52.5°	2167.8	2240.3	2385.3	2425.0	2401.6	2392.3	2434.4	2478.8	2443.7	2338.5	2277.7
55°	2146.7	2226.3	2392.3	2425.0	2399.3	2382.9	2425.0	2464.8	2446.1	2324.5	2266.0
57.5°	2158.4	2237.9	2382.9	2399.3	2368.9	2340.8	2389.9	2446.1	2439.1	2329.1	2270.7
60°	2139.7	2212.2	2331.5	2336.2	2284.7	2240.3	2312.8	2397.0	2397.0	2312.8	2261.3
62.5°	2053.2	2125.7	2230.9	2235.6	2177.1	2128.0	2212.2	2312.8	2310.4	2242.6	2188.8
65°	1910.6	1978.4	2097.6	2109.3	2050.9	1999.4	2085.9	2179.5	2186.5	2125.7	2078.9
67.5°	1753.9	1814.7	1903.5	1950.3	1901.2	1847.4	1926.9	2015.8	2013.4	1941.0	1891.8
70°	1566.8	1622.9	1704.8	1744.5	1714.1	1662.7	1735.2	1781.9	1760.9	1725.8	1693.1
72.5°	1382.1	1435.8	1513.0	1513.0	1480.3	1431.2	1452.2	1536.4	1562.1	1536.4	1515.3
75°	1188.0	1234.7	1288.5	1300.2	1227.7	1138.9	1237.1	1309.6	1340.0	1328.3	1302.5
77.5°	989.2	1024.3	1103.8	1082.7	947.1	900.3	979.8	1087.4	1108.4	1101.4	1066.4
80°	762.4	783.4	867.6	825.5	720.3	689.9	724.9	809.1	813.8	790.4	746.0
82.5°	512.1	540.2	596.3	514.5	512.1	484.1	456.0	465.4	507.5	502.8	472.4
85°	261.9	275.9	329.7	308.7	264.3	229.2	217.5	231.5	208.1	189.4	163.7
87.5°	109.9	119.3	163.7	91.2	28.1	0.0	0.0	14.0	21.0	30.4	32.7
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°	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8
2.5°	3486.7	3512.4	3575.6	3655.1	3732.2	3811.8	3898.3	3952.1	4017.5	4101.7	4104.1
5°	3243.5	3302.0	3393.2	3514.8	3641.0	3786.0	3954.4	4094.7	4263.1	4396.4	4450.2
7.5°	3093.8	3178.0	3292.6	3447.0	3613.0	3793.0	4012.9	4249.1	4525.0	4702.7	4808.0
10°	3107.9	3236.5	3351.1	3482.0	3631.7	3825.8	4108.7	4422.1	4761.2	4995.0	5126.0
12.5°	3358.1	3493.7	3472.7	3465.7	3566.2	3802.4	4185.9	4597.5	5011.4	5245.3	5401.9
15°	3673.8	3725.2	3526.5	3376.8	3437.6	3718.2	4228.0	4754.2	5219.5	5504.8	5659.2
17.5°	3835.1	3732.2	3491.4	3266.9	3250.5	3589.6	4249.1	4913.2	5453.4	5738.7	5902.4
20°	3760.3	3610.6	3407.2	3194.4	3077.5	3414.2	4237.4	5039.5	5666.2	5984.2	6117.5
22.5°	3599.0	3468.0	3309.0	3105.5	2937.2	3222.5	4207.0	5165.8	5855.6	6176.0	6292.9
25°	3423.6	3325.3	3194.4	3016.7	2857.6	3054.1	4185.9	5334.1	6073.1	6379.4	6454.3
27.5°	3248.2	3175.7	3068.1	2930.1	2838.9	2937.2	4192.9	5553.9	6353.7	6643.7	6613.3
30°	3075.1	3012.0	2937.2	2876.4	2836.6	2909.1	4174.2	5787.8	6662.4	6931.3	6751.3
32.5°	2911.4	2853.0	2806.2	2815.6	2838.9	2920.8	4078.3	6000.6	6945.3	7174.5	6900.9
35°	2771.1	2710.3	2710.3	2743.1	2829.6	2881.0	3830.5	6166.6	7258.7	7487.9	7113.7
37.5°	2640.2	2586.4	2621.5	2675.2	2757.1	2773.5	3512.4	6328.0	7714.7	7929.9	7443.5
40°	2525.6	2471.8	2534.9	2602.8	2644.8	2637.8	3189.7	6552.5	8252.6	8474.7	7880.8
42.5°	2434.4	2385.3	2441.4	2527.9	2534.9	2542.0	2953.5	6767.6	8877.0	9159.9	8633.7
45°	2359.5	2324.5	2352.5	2439.1	2439.1	2546.6	2806.2	6947.7	9817.0	10317.5	10015.8
47.5°	2301.1	2280.0	2294.1	2322.1	2368.9	2630.8	2712.7	7085.7	11528.8	12511.0	12207.0
50°	2268.3	2247.3	2266.0	2207.5	2347.9	2672.9	2682.3	7190.9	13785.5	15324.2	14947.7
52.5°	2240.3	2233.3	2245.0	2109.3	2394.6	2644.8	2658.9	7050.6	15298.5	18093.0	18464.8
55°	2230.9	2235.6	2179.5	2036.8	2450.7	2551.3	2588.7	6047.4	15710.1	20480.6	22788.7
57.5°	2235.6	2221.6	2078.9	2043.9	2453.1	2364.2	2689.3	4314.5	15111.4	21518.9	27019.0
60°	2219.2	2149.1	1957.3	2107.0	2345.5	2144.4	2616.8	2813.2	13532.9	20721.5	27264.6
62.5°	2146.7	2043.9	1852.1	2142.1	2153.8	2013.4	2375.9	2167.8	11428.3	19014.4	24898.0
65°	2041.5	1903.5	1763.2	2069.6	1959.7	1952.6	1786.6	1737.5	9190.3	16982.2	22653.1
67.5°	1868.5	1730.5	1697.8	1903.5	1763.2	1730.5	1435.8	1440.5	7333.5	14816.7	20396.4
70°	1672.0	1534.1	1559.8	1721.1	1569.1	1438.2	1162.2	1199.7	5563.3	12345.0	17354.0
72.5°	1543.4	1358.7	1361.0	1515.3	1379.7	1164.6	956.4	989.2	3531.1	9304.9	13797.2
75°	1302.5	1197.3	1145.9	1227.7	1171.6	907.3	804.4	797.4	2093.0	6669.4	10331.5
77.5°	1087.4	1005.6	979.8	1012.6	874.6	671.1	647.8	636.1	1185.6	4272.4	6770.0
80°	788.1	767.0	764.7	781.1	673.5	493.4	493.4	495.8	638.4	2319.8	3816.4
82.5°	500.4	547.2	484.1	537.9	458.3	350.8	327.4	371.8	367.1	989.2	1608.9
85°	208.1	285.3	266.6	283.0	217.5	191.8	205.8	222.2	212.8	381.2	626.7
87.5°	39.8	46.8	51.4	49.1	49.1	60.8	67.8	81.8	81.8	109.9	189.4
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: P642607  
 CATALOG NUMBER: GWS-SA6D-730-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8	3811.8
2.5°	4192.9	4260.8	4246.7	4277.1	4237.4	4251.4	4171.9	4150.8	4136.8	4141.5
5°	4623.2	4761.2	4786.9	4838.4	4803.3	4803.3	4663.0	4557.7	4520.3	4492.3
7.5°	5060.5	5259.3	5390.2	5404.3	5385.6	5348.2	5144.7	4955.3	4887.5	4829.0
10°	5448.7	5687.2	5834.6	5904.7	5869.6	5811.2	5558.6	5299.0	5217.2	5165.8
12.5°	5745.7	5956.2	6054.4	6101.2	6096.5	6075.4	5869.6	5589.0	5502.5	5423.0
15°	5937.5	6042.7	6005.3	6002.9	6035.7	6119.9	6056.7	5836.9	5736.3	5663.9
17.5°	6061.4	5960.8	5794.8	5717.6	5787.8	5986.6	6131.6	6007.6	5916.4	5836.9
20°	6105.8	5748.0	5507.2	5364.5	5446.4	5734.0	6091.8	6131.6	6054.4	5988.9
22.5°	6054.4	5488.5	5161.1	4992.7	5072.2	5416.0	5974.9	6232.1	6180.7	6117.5
25°	5928.1	5217.2	4824.3	4672.3	4758.9	5109.6	5766.7	6325.6	6328.0	6276.5
27.5°	5771.4	4967.0	4588.1	4445.5	4529.7	4857.1	5563.3	6407.5	6489.3	6470.6
30°	5612.4	4817.3	4475.9	4375.3	4438.5	4728.5	5355.2	6491.7	6655.4	6688.1
32.5°	5539.9	4889.8	4740.1	4784.6	4702.7	4803.3	5280.3	6610.9	6856.5	6910.3
35°	5635.8	5532.9	5911.7	6087.1	5797.1	5416.0	5376.2	6791.0	7139.4	7219.0
37.5°	6101.2	6910.3	7476.2	8093.6	7590.8	6751.3	5850.9	7097.4	7544.0	7670.3
40°	7113.7	8112.3	9134.2	9931.6	9171.6	8042.1	6753.6	7553.4	8100.6	8215.2
42.5°	8067.8	9239.4	10647.2	11678.5	10691.6	9096.8	7726.4	8320.4	8834.9	8898.0
45°	9003.2	10345.5	12478.2	13911.7	12571.8	10100.0	8720.3	9615.9	10004.1	10006.4
47.5°	10100.0	11592.0	14774.7	16816.2	15067.0	11210.8	9653.3	11666.8	12207.0	11942.7
50°	11411.9	12831.4	17138.9	20195.3	18109.4	12576.5	10839.0	14166.6	14903.3	14603.9
52.5°	13168.1	14197.0	19744.0	23490.2	21425.4	14131.6	12557.8	17468.6	17711.8	17152.9
55°	15639.9	16168.4	23088.0	27559.2	25127.2	16046.8	15071.6	21612.4	20931.9	19330.1
57.5°	21268.7	19288.0	27381.5	32201.2	29315.5	19526.5	20581.2	26181.9	23761.5	21060.5
60°	25978.4	23076.3	31354.6	36808.0	32905.1	23361.6	25753.9	26977.0	23656.3	20868.8
62.5°	24390.6	24042.1	32788.1	37315.5	34130.4	25248.8	24792.8	24972.9	22112.9	19594.3
65°	21399.6	22178.3	31509.0	34909.2	32771.8	23558.1	22426.2	23120.8	20347.3	17810.0
67.5°	19634.1	20207.0	29233.6	31057.6	30302.3	21729.4	20585.8	20083.1	17606.6	15450.5
70°	17828.7	18303.5	26039.2	26224.0	26450.8	18689.3	16832.5	15335.9	13123.7	11615.3
72.5°	15406.0	15431.8	22000.6	20929.6	21359.9	14625.0	13549.3	11465.7	9552.8	8184.8
75°	12924.9	12218.7	17414.8	14629.7	15492.6	11376.8	11250.5	8640.8	7204.9	6082.4
77.5°	9854.4	9029.0	12721.4	9620.6	10881.0	7576.7	8458.4	5860.3	5069.9	4047.9
80°	6615.6	6101.2	7029.5	5430.0	7118.4	5221.9	5516.5	3320.7	2878.7	2233.3
82.5°	3489.0	2979.3	4344.9	3220.1	4293.5	2869.3	2069.6	1026.6	874.6	706.2
85°	1351.7	1564.5	2130.4	1145.9	1665.0	1024.3	598.7	254.9	212.8	161.4
87.5°	261.9	404.6	222.2	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)