

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: P641784

Luminaire Tested: GWS-SA6B-750-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P641784
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-SA6B-750-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16944.9 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

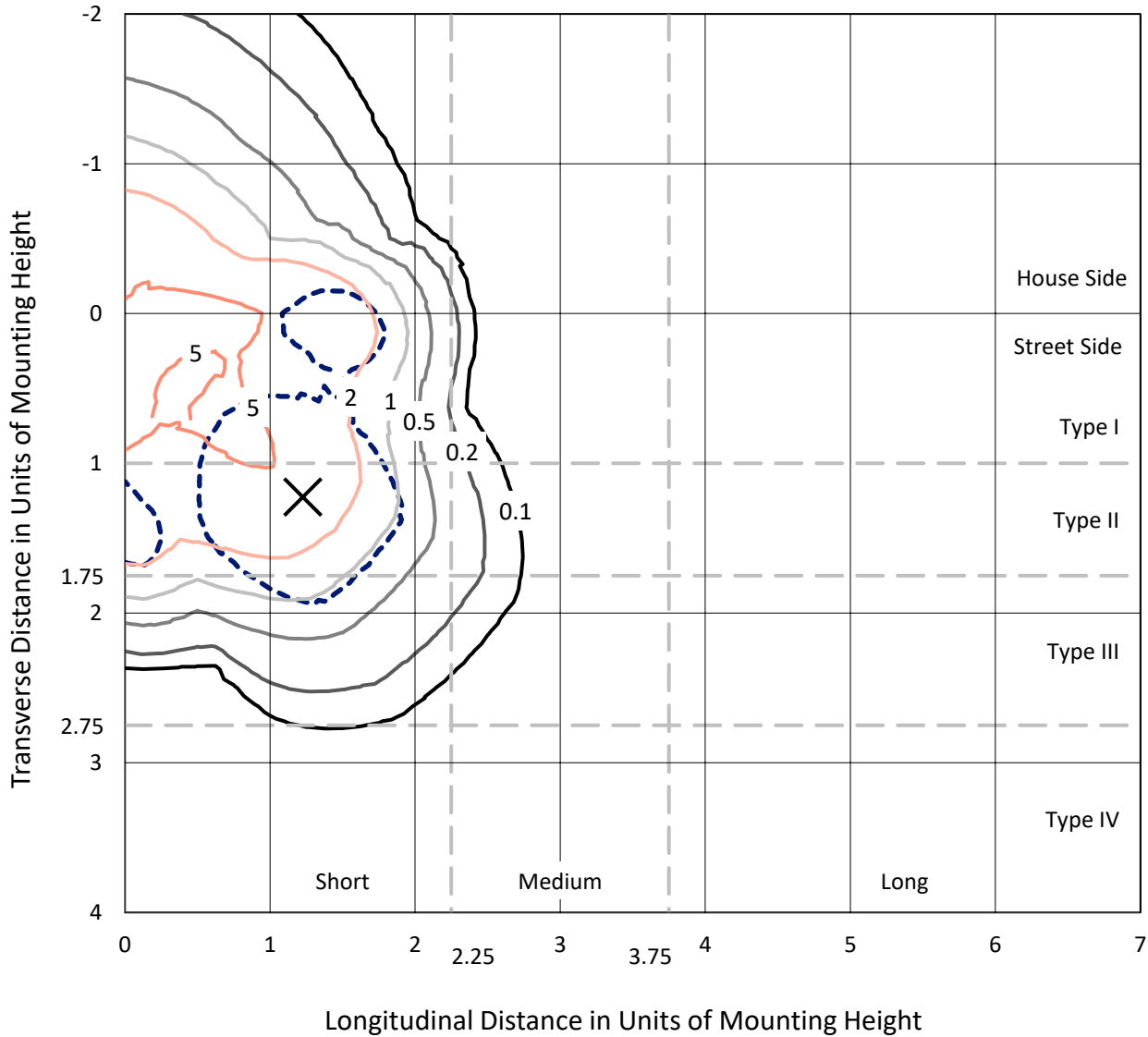
Input Watts (W): 138.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P641784
 CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

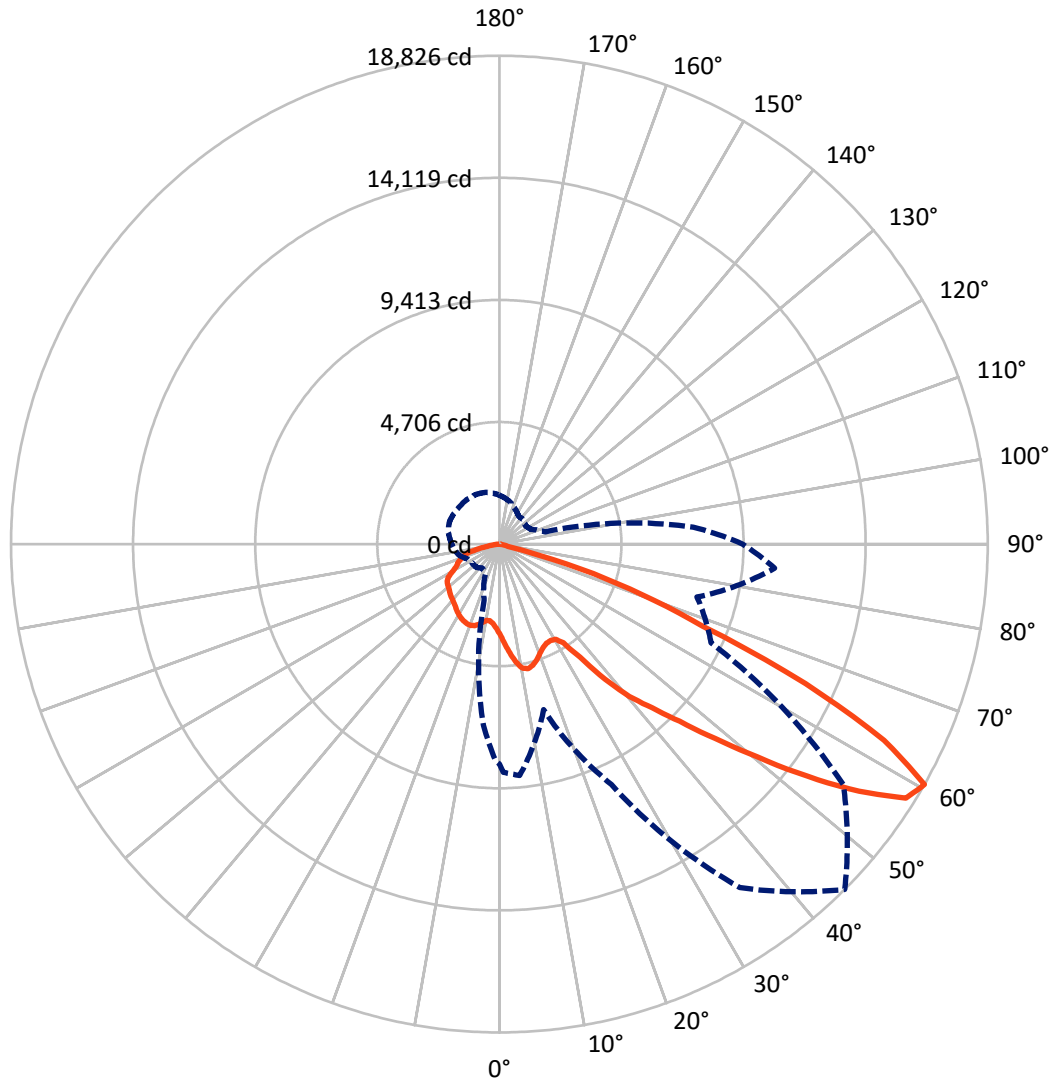
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc
 Type III - Short - N/A

REPORT NUMBER: P641784
CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P641784

CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5939.8	0.0	5939.8
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	11005.1	0.0	11005.1
	% Fixture	64.9	0.0	64.9
Total	Lumens	16944.9	0.0	16944.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	339.6	2.0
10°-20°	1073.2	6.3
20°-30°	1743.3	10.3
30°-40°	2458.6	14.5
40°-50°	3397.7	20.1
50°-60°	4373.9	25.8
60°-70°	2771.3	16.4
70°-80°	711.1	4.2
80°-90°	76.0	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°	16944.9	100.0
0°-180°	16944.9	100.0

Coefficient of Utilization



REPORT NUMBER: P641784

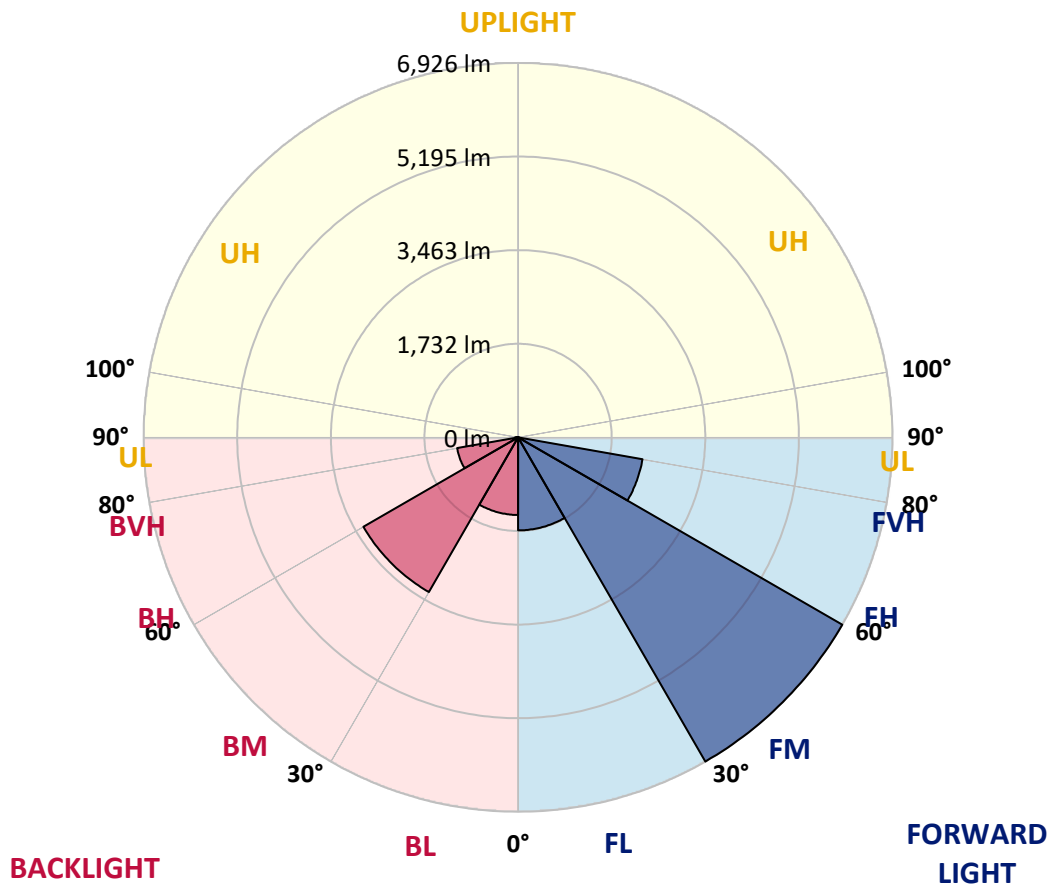
CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1720.6	10.2			
FM (30°-60°)	6926.1	40.9			
FH (60°-80°)	2337.8	13.8			G2/5000
FVH (80°-90°)	20.7	0.1			G1/100
BL (0°-30°)	1435.6	8.5	B3/2500		
BM (30°-60°)	3304.1	19.5	B3/5000		
BH (60°-80°)	1144.7	6.8	B3/2500		G3/2500
BVH (80°-90°)	55.4	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: P641784

CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0
2.5°	3640.9	3665.7	3681.3	3710.8	3763.6	3793.1	3825.7	3790.0	3799.3	3794.6	3737.2
5°	3856.7	3886.2	3926.6	4013.5	4111.3	4165.7	4216.9	4209.2	4161.0	4080.3	4022.8
7.5°	4058.6	4092.7	4162.6	4303.9	4448.3	4532.1	4594.2	4553.8	4513.5	4386.2	4241.8
10°	4216.9	4237.1	4331.8	4521.2	4688.9	4783.6	4859.7	4850.4	4794.5	4651.7	4457.6
12.5°	4366.0	4379.9	4482.4	4671.8	4822.4	4864.4	4926.5	4946.7	4928.0	4820.9	4629.9
15°	4525.9	4552.3	4647.0	4791.4	4859.7	4816.2	4838.0	4893.9	4946.7	4946.7	4771.2
17.5°	4674.9	4698.2	4794.5	4856.6	4791.4	4676.5	4682.7	4754.1	4879.9	5011.9	4900.1
20°	4806.9	4828.7	4923.4	4864.4	4657.9	4490.2	4485.5	4572.5	4775.9	5053.8	5038.3
22.5°	4951.3	4982.4	5061.5	4870.6	4533.7	4320.9	4319.4	4409.4	4684.3	5095.7	5196.6
25°	5156.3	5204.4	5244.8	4924.9	4466.9	4210.7	4230.9	4316.3	4654.8	5164.0	5431.1
27.5°	5460.6	5499.4	5496.3	5038.3	4463.8	4165.7	4207.6	4307.0	4707.6	5285.1	5677.9
30°	5789.7	5809.9	5777.3	5196.6	4535.2	4193.6	4255.7	4373.7	4841.1	5485.4	6041.3
32.5°	6154.6	6179.4	6117.3	5434.2	4701.3	4400.1	4536.8	4594.2	5028.9	5774.2	6426.3
35°	6573.8	6621.9	6493.1	5747.8	5190.4	5153.2	5351.9	5277.4	5428.0	6115.8	6837.7
37.5°	7014.7	7016.3	6831.5	6212.0	6149.9	6213.6	6611.1	6378.2	6274.1	6496.2	7257.0
40°	7388.9	7379.6	7095.5	6837.7	6985.2	7238.3	7718.1	7361.0	7087.7	7007.0	7604.7
42.5°	7763.1	7729.0	7441.7	7235.2	7561.3	8081.4	8623.3	8185.4	7609.4	7471.2	7947.9
45°	8241.3	8230.5	7884.2	7393.6	8081.4	9025.4	9744.3	9034.7	7918.4	7741.4	8519.2
47.5°	9013.0	8960.2	8315.8	7381.2	8568.9	10283.0	11191.3	10104.5	8134.2	7747.6	9441.5
50°	9767.5	9702.3	8831.3	7379.6	9072.0	11587.2	12899.2	11404.0	8354.7	7784.8	10379.3
52.5°	10529.9	10529.9	9677.5	7555.1	9599.9	13043.6	14872.6	13023.4	8730.4	8272.4	11532.9
55°	10983.2	11104.4	10629.3	7851.6	10217.8	14757.7	16824.2	14771.6	9311.1	9152.7	12598.0
57.5°	10407.2	10633.9	10565.6	7645.1	10582.7	16016.9	18479.3	16097.6	9598.3	9256.7	12438.1
60°	8480.4	8795.6	8952.4	6601.7	10222.5	16162.8	18825.5	16184.5	9005.2	7882.7	10654.1
62.5°	5637.6	5896.9	6136.0	4716.9	8849.9	14540.3	16650.3	14545.0	7520.9	5882.9	7381.2
65°	2765.2	2957.7	3215.5	2788.5	6913.8	12149.3	12981.5	11753.4	5440.4	3293.1	3765.1
67.5°	723.5	777.9	813.6	1082.2	4952.9	8728.8	8466.4	8596.9	3495.0	1076.0	984.4
70°	375.7	378.8	377.3	447.2	3347.5	5547.5	5834.8	5398.5	2439.2	450.3	388.2
72.5°	268.6	270.2	265.5	301.2	1616.3	3178.2	3293.1	3257.4	1277.8	267.1	265.5
75°	175.4	177.0	173.9	177.0	243.8	361.8	333.8	350.9	212.7	169.2	169.2
77.5°	104.0	105.6	104.0	107.1	104.0	104.0	96.3	96.3	91.6	91.6	93.2
80°	69.9	69.9	68.3	71.4	65.2	65.2	62.1	60.6	55.9	54.3	54.3
82.5°	41.9	43.5	41.9	41.9	38.8	38.8	35.7	34.2	29.5	29.5	27.9
85°	21.7	21.7	20.2	20.2	17.1	15.5	12.4	12.4	9.3	7.8	7.8
87.5°	3.1	3.1	1.6	1.6	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	0.0



REPORT NUMBER: P641784

CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0
2.5°	3721.6	3690.6	3644.0	3599.0	3557.1	3513.6	3463.9	3412.7	3369.2	3324.2	3300.9
5°	3946.8	3883.1	3762.0	3654.9	3558.6	3479.4	3394.0	3321.1	3252.7	3196.8	3168.9
7.5°	4150.2	4050.8	3867.6	3698.3	3567.9	3459.2	3341.2	3232.6	3141.0	3072.6	3046.2
10°	4338.0	4220.0	3979.4	3765.1	3613.0	3491.8	3347.5	3200.0	3078.8	2988.8	2967.1
12.5°	4490.2	4355.1	4067.9	3819.5	3639.3	3508.9	3381.6	3254.3	3134.7	3018.3	2999.7
15°	4625.3	4465.3	4134.6	3853.6	3630.0	3463.9	3356.8	3341.2	3341.2	3209.3	3172.0
17.5°	4741.7	4566.3	4189.0	3869.1	3571.0	3330.4	3265.2	3400.2	3552.4	3457.7	3373.8
20°	4875.2	4662.5	4234.0	3869.1	3462.3	3161.1	3154.9	3384.7	3609.8	3611.4	3522.9
22.5°	5010.3	4774.3	4286.8	3855.2	3313.3	2965.5	3080.4	3322.6	3522.9	3608.3	3547.7
25°	5229.2	4929.6	4370.6	3844.3	3139.4	2832.0	3013.6	3240.3	3409.6	3499.6	3460.8
27.5°	5507.2	5134.5	4497.9	3861.4	2967.1	2752.8	2942.2	3133.2	3286.9	3366.1	3338.1
30°	5817.7	5370.5	4634.6	3890.9	2842.9	2712.4	2856.8	3010.5	3147.2	3226.3	3213.9
32.5°	6213.6	5626.7	4752.6	3850.5	2773.0	2692.2	2766.8	2877.0	3009.0	3058.7	3069.5
35°	6687.1	5909.3	4842.6	3692.1	2709.3	2670.5	2669.0	2737.3	2830.4	2909.6	2917.4
37.5°	7123.4	6240.0	4942.0	3420.4	2594.4	2616.2	2554.1	2594.4	2686.0	2765.2	2796.3
40°	7555.1	6575.4	5080.2	3074.2	2443.8	2495.1	2422.1	2450.0	2523.0	2627.0	2676.7
42.5°	7974.3	6878.1	5226.1	2720.2	2293.2	2325.8	2271.5	2299.4	2375.5	2505.9	2561.8
45°	8430.7	7288.0	5339.5	2386.4	2162.8	2148.8	2105.4	2145.7	2260.6	2403.5	2470.2
47.5°	9294.0	7933.9	5414.0	2164.4	2092.9	1992.0	1942.3	2029.3	2159.7	2304.1	2384.8
50°	10348.2	8868.6	5392.3	2023.1	2032.4	1830.5	1813.5	1928.4	2068.1	2218.7	2307.2
52.5°	11183.5	9786.2	5145.4	1888.0	1914.4	1728.1	1678.4	1846.1	1979.6	2133.3	2224.9
55°	11821.7	10095.1	4387.7	1728.1	1721.9	1653.5	1549.5	1760.7	1891.1	2033.9	2133.3
57.5°	11301.5	9407.3	3252.7	1507.6	1470.3	1506.0	1405.1	1616.3	1782.4	1923.7	2012.2
60°	9379.4	7500.7	1811.9	1335.3	1229.7	1316.6	1301.1	1464.1	1664.4	1813.5	1889.5
62.5°	6367.3	4994.8	1074.4	1055.8	996.8	1121.0	1203.3	1310.4	1507.6	1628.7	1700.1
65°	3173.6	2426.7	714.2	790.3	798.0	922.3	1077.5	1195.5	1360.1	1484.3	1555.7
67.5°	920.7	754.6	543.4	604.0	687.8	787.2	911.4	1051.1	1211.0	1358.5	1442.4
70°	397.5	402.1	431.6	503.0	585.3	687.8	812.0	948.7	1083.7	1197.1	1260.7
72.5°	281.0	291.9	324.5	397.5	475.1	572.9	697.1	829.1	926.9	1041.8	1108.6
75°	180.1	187.9	214.3	270.2	327.6	422.3	540.3	661.4	762.3	844.6	908.3
77.5°	99.4	100.9	122.7	155.3	194.1	254.6	341.6	436.3	510.8	557.4	614.8
80°	57.4	57.4	68.3	88.5	111.8	149.1	197.2	243.8	288.8	318.3	346.2
82.5°	31.1	31.1	35.7	48.1	60.6	82.3	110.2	133.5	161.5	177.0	195.6
85°	9.3	9.3	12.4	17.1	21.7	31.1	43.5	55.9	68.3	79.2	90.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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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CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0
2.5°	3296.2	3274.5	3262.1	3246.5	3251.2	3237.2	3229.5	3234.1	3206.2	3234.1	3262.1
5°	3158.0	3127.0	3102.1	3082.0	3072.6	3054.0	3043.1	3043.1	3026.1	3054.0	3088.2
7.5°	3036.9	3012.1	2999.7	2987.2	2973.3	2956.2	2937.6	2931.4	2920.5	2950.0	2979.5
10°	2956.2	2959.3	2967.1	2984.1	2981.0	2970.2	2942.2	2926.7	2926.7	2960.9	3005.9
12.5°	2993.5	3026.1	3044.7	3075.7	3082.0	3072.6	3044.7	3032.3	3063.3	3114.6	3189.1
15°	3137.8	3159.6	3175.1	3200.0	3198.4	3190.6	3168.9	3178.2	3280.7	3380.1	3446.8
17.5°	3294.7	3269.8	3266.7	3282.2	3286.9	3277.6	3265.2	3307.1	3476.3	3569.5	3603.6
20°	3408.0	3322.6	3304.0	3310.2	3322.6	3318.0	3318.0	3386.3	3561.7	3605.2	3561.7
22.5°	3442.2	3321.1	3293.1	3294.7	3311.7	3313.3	3321.1	3392.5	3495.0	3496.5	3429.7
25°	3387.8	3271.4	3251.2	3254.3	3274.5	3272.9	3276.0	3316.4	3361.4	3342.8	3293.1
27.5°	3285.3	3184.4	3178.2	3195.3	3221.7	3207.7	3198.4	3209.3	3231.0	3207.7	3164.2
30°	3168.9	3083.5	3086.6	3119.2	3147.2	3123.9	3100.6	3106.8	3108.3	3083.5	3033.8
32.5°	3046.2	2982.6	2993.5	3027.6	3060.2	3035.4	3010.5	3007.4	2977.9	2948.4	2900.3
35°	2923.6	2898.7	2912.7	2940.7	2968.6	2948.4	2932.9	2923.6	2859.9	2816.5	2776.1
37.5°	2811.8	2830.4	2855.3	2872.4	2881.7	2880.1	2870.8	2849.1	2765.2	2714.0	2661.2
40°	2712.4	2769.9	2796.3	2804.0	2818.0	2814.9	2813.4	2782.3	2672.1	2617.7	2557.2
42.5°	2622.4	2703.1	2748.1	2755.9	2763.7	2765.2	2760.6	2715.5	2589.8	2526.1	2468.7
45°	2535.4	2641.0	2698.5	2690.7	2701.6	2701.6	2706.2	2647.2	2509.0	2443.8	2383.3
47.5°	2459.4	2583.6	2636.4	2627.0	2633.2	2637.9	2642.6	2574.2	2420.5	2358.4	2296.3
50°	2389.5	2521.5	2566.5	2569.6	2569.6	2580.5	2578.9	2512.1	2346.0	2279.2	2217.1
52.5°	2315.0	2457.8	2505.9	2526.1	2532.3	2537.0	2515.2	2437.6	2269.9	2189.2	2131.8
55°	2228.0	2392.6	2436.1	2462.5	2474.9	2471.8	2442.3	2363.1	2192.3	2111.6	2046.4
57.5°	2096.0	2252.9	2315.0	2327.4	2347.6	2335.1	2301.0	2234.2	2068.1	1987.4	1920.6
60°	1951.6	2065.0	2114.7	2125.5	2110.0	2114.7	2110.0	2046.4	1902.0	1838.3	1770.0
62.5°	1762.2	1863.1	1915.9	1929.9	1903.5	1920.6	1914.4	1835.2	1690.8	1624.0	1563.5
65°	1619.4	1729.6	1791.7	1799.5	1791.7	1799.5	1777.8	1681.5	1544.9	1476.5	1414.4
67.5°	1507.6	1620.9	1686.1	1707.9	1700.1	1698.6	1664.4	1552.6	1411.3	1336.8	1257.6
70°	1315.1	1414.4	1498.3	1551.1	1551.1	1521.6	1456.4	1352.3	1239.0	1175.3	1113.2
72.5°	1164.5	1290.2	1372.5	1426.9	1437.7	1420.6	1329.0	1218.8	1088.4	1024.7	959.5
75°	959.5	1082.2	1170.7	1242.1	1256.1	1237.4	1131.9	1023.2	902.1	840.0	774.8
77.5°	641.2	714.2	785.6	850.8	836.9	849.3	777.9	695.6	621.0	574.5	545.0
80°	361.8	409.9	431.6	467.3	467.3	467.3	420.8	381.9	340.0	313.6	284.1
82.5°	204.9	236.0	245.3	274.8	282.6	284.1	253.1	228.2	201.8	187.9	167.7
85°	94.7	111.8	113.3	130.4	136.6	149.1	135.1	118.0	102.5	96.3	83.8
87.5°	3.1	9.3	12.4	23.3	31.1	35.7	38.8	38.8	32.6	29.5	24.8
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: P641784

CATALOG NUMBER: GWS-SA6B-750-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0	3481.0
2.5°	3296.2	3333.5	3377.0	3408.0	3463.9	3510.5	3558.6	3611.4	3650.2	3640.9
5°	3130.1	3192.2	3271.4	3344.3	3448.4	3554.0	3670.4	3790.0	3859.8	3856.7
7.5°	3036.9	3125.4	3221.7	3319.5	3442.2	3594.3	3772.9	3959.2	4053.9	4058.6
10°	3086.6	3181.3	3246.5	3328.8	3457.7	3648.7	3862.9	4086.5	4195.2	4216.9
12.5°	3243.4	3235.7	3231.0	3290.0	3445.3	3687.5	3949.9	4216.9	4339.6	4366.0
15°	3392.5	3232.6	3136.3	3176.7	3389.4	3712.3	4035.3	4359.8	4497.9	4525.9
17.5°	3420.4	3178.2	2999.7	3027.6	3300.9	3720.1	4117.6	4499.5	4648.6	4674.9
20°	3342.8	3108.3	2900.3	2861.5	3189.1	3699.9	4168.8	4615.9	4779.0	4806.9
22.5°	3245.0	3046.2	2825.8	2724.9	3052.5	3679.7	4226.2	4738.6	4926.5	4951.3
25°	3142.5	2967.1	2755.9	2602.2	2897.2	3667.3	4322.5	4900.1	5126.8	5156.3
27.5°	3033.8	2870.8	2695.4	2543.2	2754.4	3682.8	4459.1	5160.9	5418.7	5460.6
30°	2917.4	2774.5	2656.5	2523.0	2656.5	3696.8	4609.7	5428.0	5730.7	5789.7
32.5°	2796.3	2686.0	2616.2	2532.3	2596.0	3664.2	4741.7	5727.6	6103.4	6154.6
35°	2675.2	2596.0	2564.9	2549.4	2515.2	3544.6	4848.8	6030.4	6528.8	6573.8
37.5°	2561.8	2502.8	2493.5	2510.6	2391.0	3349.0	4973.0	6415.4	6946.4	7014.7
40°	2456.2	2401.9	2400.4	2397.2	2254.4	3082.0	5140.7	6806.7	7357.9	7388.9
42.5°	2358.4	2290.1	2302.5	2265.3	2142.6	2793.2	5299.1	7140.5	7741.4	7763.1
45°	2271.5	2181.4	2195.4	2148.8	2089.8	2490.4	5438.8	7534.9	8227.3	8241.3
47.5°	2187.6	2091.4	2052.6	2049.5	2080.5	2210.9	5575.5	8294.1	8988.1	9013.0
50°	2110.0	2006.0	1895.8	1964.1	2023.1	2001.3	5746.3	9107.7	9773.8	9767.5
52.5°	2035.5	1898.9	1742.0	1874.0	1874.0	1846.1	5698.1	9601.4	10422.8	10529.9
55°	1950.1	1726.5	1582.1	1723.4	1655.1	1706.3	4845.7	9762.9	10831.1	10983.2
57.5°	1780.9	1513.8	1388.0	1464.1	1361.6	1582.1	3481.0	8961.7	10137.1	10407.2
60°	1617.8	1357.0	1274.7	1260.7	1127.2	1290.2	2256.0	7016.3	8343.8	8480.4
62.5°	1426.9	1221.9	1152.0	1044.9	906.7	939.3	1366.3	4617.5	5606.5	5637.6
65°	1282.5	1107.0	973.5	846.2	742.2	681.6	807.4	2226.5	2802.5	2765.2
67.5°	1100.8	948.7	821.3	729.7	644.3	568.3	537.2	661.4	748.4	723.5
70°	979.7	833.8	711.1	624.2	545.0	468.9	414.6	389.7	381.9	375.7
72.5°	844.6	717.3	590.0	506.2	431.6	361.8	312.1	282.6	274.8	268.6
75°	673.8	554.3	437.8	358.7	293.4	243.8	211.2	186.3	181.7	175.4
77.5°	445.6	355.6	260.8	212.7	173.9	147.5	125.8	110.2	107.1	104.0
80°	245.3	204.9	159.9	128.9	104.0	90.1	82.3	73.0	71.4	69.9
82.5°	145.9	122.7	91.6	73.0	60.6	54.3	49.7	45.0	43.5	41.9
85°	73.0	57.4	40.4	34.2	31.1	27.9	27.9	23.3	21.7	21.7
87.5°	18.6	15.5	9.3	7.8	7.8	7.8	6.2	4.7	4.7	3.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)