

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: P640737

Luminaire Tested: GWS-SA5E-740-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P640737
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-SA5E-740-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35184.5 lumens
Efficiency: N/A
Efficacy: 130.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G5

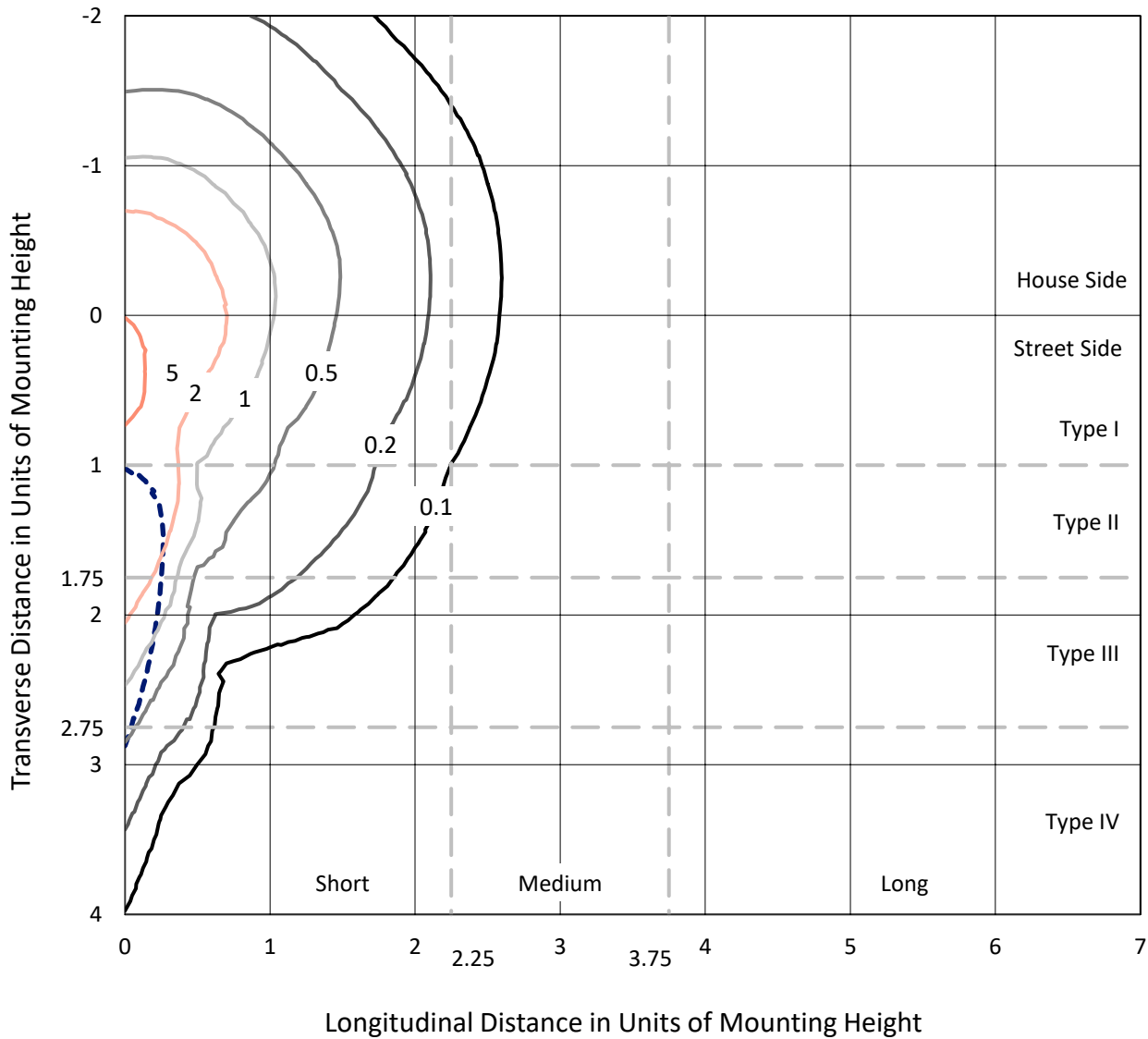
Input Watts (W): 269.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

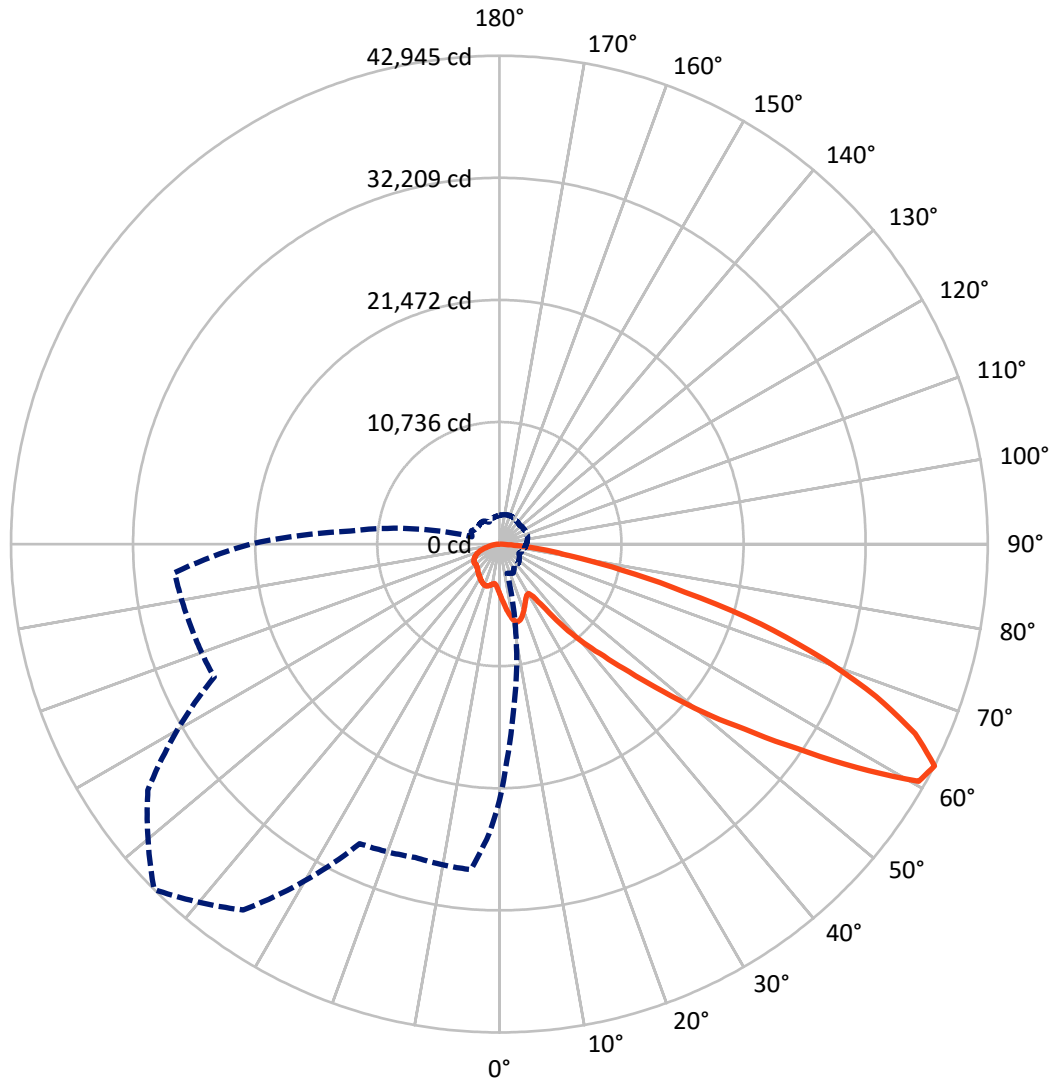
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 6.5 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
House Side	Lumens	8412.6	0.0	8412.6
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	26771.8	0.0	26771.8
	% Fixture	76.1	0.0	76.1
Total	Lumens	35184.5	0.0	35184.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.2	1.2
10°-20°	1404.5	4.0
20°-30°	2211.0	6.3
30°-40°	3030.7	8.6
40°-50°	4728.8	13.4
50°-60°	8153.3	23.2
60°-70°	9448.7	26.9
70°-80°	4987.5	14.2
80°-90°	787.9	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°	35184.5	100.0
0°-180°	35184.5	100.0

Coefficient of Utilization



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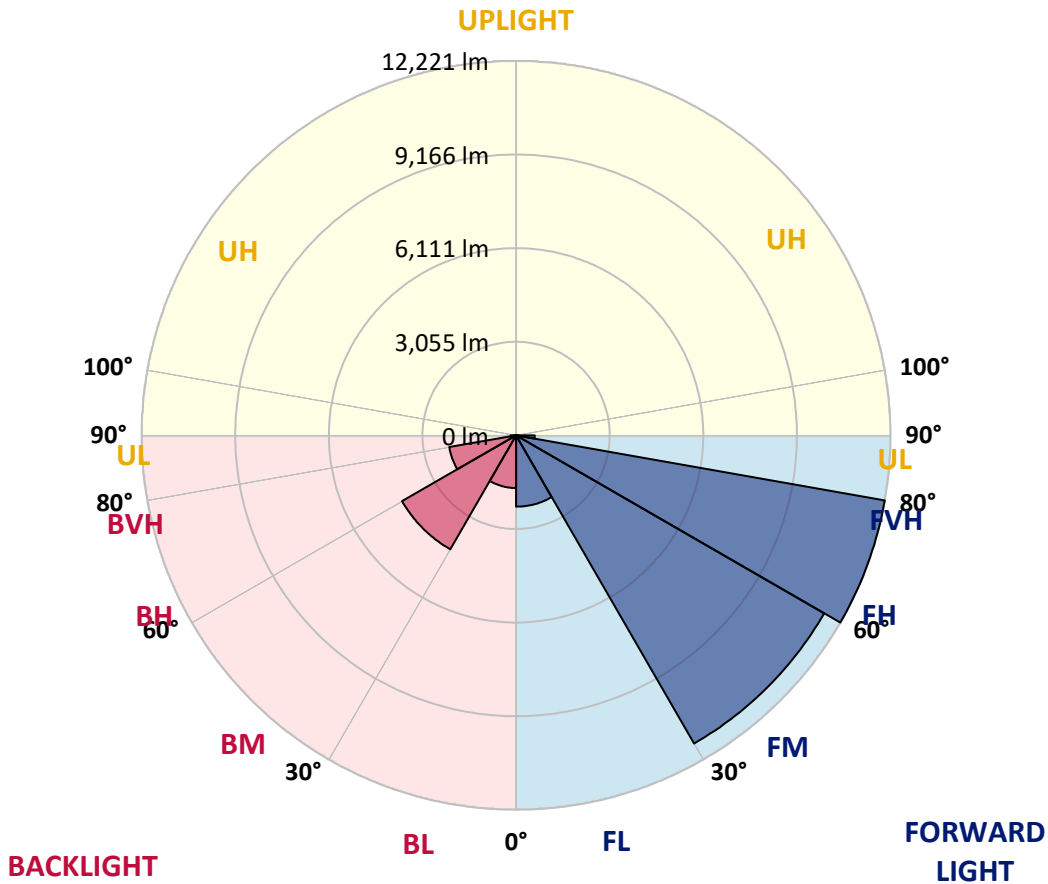
CATALOG NUMBER: GWS-SA5E-740-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2327.0	6.6			
FM (30°-60°)	11615.6	33.0			
FH (60°-80°)	12221.1	34.7			G5
FVH (80°-90°)	608.1	1.7			G4/750
BL (0°-30°)	1720.7	4.9	B3/2500		
BM (30°-60°)	4297.1	12.2	B3/5000		
BH (60°-80°)	2215.1	6.3	B3/2500		G3/2500
BVH (80°-90°)	179.7	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-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8
2.5°	4766.2	4747.4	4720.5	4629.0	4572.5	4507.9	4440.6	4362.6	4273.7	4211.8	4149.9
5°	5169.9	5140.3	5075.7	4857.8	4707.0	4542.9	4405.6	4249.5	4096.1	3991.2	3886.2
7.5°	5557.5	5519.8	5420.2	5086.5	4841.6	4604.8	4397.5	4171.5	3942.7	3786.6	3662.8
10°	5945.0	5867.0	5740.5	5304.5	4981.6	4707.0	4470.2	4193.0	3888.9	3676.3	3544.4
12.5°	6241.1	6168.4	6031.1	5503.7	5121.5	4777.0	4510.6	4254.9	3996.5	3770.5	3635.9
15°	6518.3	6424.1	6268.0	5689.4	5237.2	4774.3	4429.8	4206.5	4168.8	4112.3	3937.3
17.5°	6717.4	6631.3	6469.8	5840.1	5301.8	4690.9	4206.5	4074.6	4244.1	4416.4	4249.5
20°	6892.4	6792.8	6628.6	5945.0	5315.3	4505.2	3934.6	3937.3	4203.8	4440.6	4400.2
22.5°	7040.4	6930.0	6784.7	6063.4	5309.9	4246.8	3697.8	3859.3	4125.7	4311.4	4316.8
25°	7223.4	7131.9	7010.8	6238.4	5309.9	3983.1	3525.6	3765.1	3993.9	4149.9	4144.6
27.5°	7446.8	7384.9	7285.3	6504.8	5358.3	3762.4	3428.7	3644.0	3824.3	3958.9	3956.2
30°	7697.0	7640.5	7565.2	6787.4	5441.8	3598.2	3374.9	3493.3	3625.1	3732.8	3732.8
32.5°	7952.7	7931.2	7850.4	7013.5	5377.2	3547.1	3329.1	3342.6	3412.5	3501.3	3493.3
35°	8308.0	8286.4	8184.2	7188.4	5097.3	3474.4	3256.4	3189.2	3197.2	3253.8	3272.6
37.5°	8827.4	8795.1	8644.4	7392.9	4674.7	3291.4	3138.0	3027.7	3003.5	3027.7	3062.7
40°	9454.4	9406.0	9201.5	7670.1	4187.6	3043.8	2952.3	2860.8	2820.5	2828.5	2868.9
42.5°	10240.3	10138.0	9844.7	7963.5	3705.9	2825.8	2745.1	2688.6	2642.8	2637.4	2715.5
45°	11516.0	11236.1	10770.5	8224.5	3299.5	2710.1	2559.4	2519.0	2481.4	2502.9	2594.4
47.5°	13744.3	13227.6	12320.7	8447.9	3051.9	2712.8	2411.4	2368.3	2365.6	2408.7	2511.0
50°	16807.0	16061.5	14662.1	8598.6	2922.7	2745.1	2322.6	2252.6	2303.7	2346.8	2443.7
52.5°	19740.5	18602.1	16936.2	8595.9	2866.2	2750.5	2346.8	2144.9	2303.7	2314.5	2406.0
55°	22246.1	20184.6	17549.8	7713.2	2785.5	2729.0	2441.0	2061.5	2274.1	2314.5	2387.2
57.5°	24237.6	21191.1	17504.1	6230.3	3030.4	2610.5	2497.5	2042.7	2188.0	2319.9	2403.3
60°	24016.9	20730.9	16376.4	3824.3	3006.2	2400.6	2489.4	2077.7	2042.7	2247.2	2384.5
62.5°	22550.2	19081.1	14436.0	2653.6	2823.1	2279.5	2357.6	2139.6	1908.1	2142.3	2293.0
65°	20496.8	16952.3	12030.0	2034.6	2338.7	2284.9	2134.2	2096.5	1789.7	1975.4	2136.9
67.5°	17781.3	14312.2	9497.5	1612.1	1630.9	1978.1	1937.7	1862.4	1679.4	1827.4	1972.7
70°	13367.6	10444.8	6534.4	1297.2	1235.3	1652.4	1741.3	1674.0	1571.7	1614.8	1768.2
72.5°	9419.5	6819.7	3579.4	1028.1	952.7	1270.3	1512.5	1501.7	1388.7	1421.0	1571.7
75°	7000.0	4825.5	2236.4	812.8	775.1	909.7	1267.6	1299.9	1205.7	1243.4	1359.1
77.5°	4658.6	3124.6	1243.4	602.8	602.8	664.7	944.6	1095.3	1025.4	1055.0	1135.7
80°	2570.2	1590.5	621.7	395.6	406.4	457.5	689.0	788.5	791.2	863.9	885.4
82.5°	812.8	506.0	277.2	231.4	218.0	261.1	444.1	565.2	527.5	672.8	619.0
85°	185.7	118.4	51.1	51.1	56.5	86.1	169.6	301.4	384.9	462.9	336.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	118.4	174.9	156.1
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°	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8
2.5°	4112.3	4058.4	4042.3	3996.5	3991.2	3948.1	3932.0	3932.0	3950.8	3950.8	3969.6
5°	3843.1	3775.9	3738.2	3684.4	3670.9	3638.6	3617.1	3619.8	3644.0	3660.1	3692.4
7.5°	3606.3	3560.6	3533.6	3509.4	3504.0	3498.7	3474.4	3471.7	3479.8	3504.0	3528.3
10°	3506.7	3474.4	3482.5	3501.3	3531.0	3547.1	3525.6	3514.8	3506.7	3522.9	3544.4
12.5°	3603.6	3571.3	3587.5	3619.8	3660.1	3676.3	3668.2	3665.5	3673.6	3735.5	3781.2
15°	3816.2	3754.3	3732.8	3746.3	3778.6	3794.7	3786.6	3797.4	3848.5	4010.0	4125.7
17.5°	4080.0	3929.3	3843.1	3818.9	3832.4	3845.8	3845.8	3872.7	3961.6	4198.4	4343.7
20°	4222.6	4026.1	3880.8	3821.6	3827.0	3840.4	3840.4	3878.1	3977.7	4230.7	4324.9
22.5°	4184.9	4004.6	3827.0	3762.4	3765.1	3775.9	3775.9	3808.2	3897.0	4120.3	4163.4
25°	4036.9	3878.1	3703.2	3646.7	3652.1	3670.9	3665.5	3684.4	3751.6	3934.6	3958.9
27.5°	3859.3	3719.3	3547.1	3504.0	3528.3	3565.9	3533.6	3536.3	3598.2	3751.6	3754.3
30°	3668.2	3552.5	3399.1	3366.8	3412.5	3431.4	3401.8	3401.8	3463.7	3568.6	3565.9
32.5°	3461.0	3388.3	3278.0	3243.0	3294.1	3323.7	3286.0	3291.4	3339.9	3409.8	3382.9
35°	3267.2	3229.5	3178.4	3154.2	3186.5	3213.4	3189.2	3199.9	3245.7	3264.5	3226.8
37.5°	3081.5	3076.1	3081.5	3081.5	3089.6	3097.7	3081.5	3108.4	3148.8	3124.6	3081.5
40°	2920.0	2941.6	2992.7	2979.2	2971.2	2979.2	2968.5	3014.2	3054.6	3011.5	2960.4
42.5°	2785.5	2825.8	2903.9	2903.9	2887.7	2893.1	2887.7	2944.3	2973.9	2914.7	2858.1
45°	2669.7	2729.0	2828.5	2842.0	2815.1	2815.1	2825.8	2895.8	2906.6	2825.8	2766.6
47.5°	2589.0	2661.7	2774.7	2798.9	2758.6	2755.9	2785.5	2860.8	2860.8	2766.6	2699.3
50°	2532.5	2613.2	2747.8	2780.1	2739.7	2729.0	2777.4	2850.1	2833.9	2720.9	2653.6
52.5°	2494.8	2578.2	2745.1	2790.9	2763.9	2753.2	2801.6	2852.8	2812.4	2691.3	2621.3
55°	2470.6	2562.1	2753.2	2790.9	2761.2	2742.4	2790.9	2836.6	2815.1	2675.1	2607.8
57.5°	2484.0	2575.6	2742.4	2761.2	2726.3	2694.0	2750.5	2815.1	2807.0	2680.5	2613.2
60°	2462.5	2545.9	2683.2	2688.6	2629.4	2578.2	2661.7	2758.6	2758.6	2661.7	2602.5
62.5°	2362.9	2446.4	2567.5	2572.9	2505.6	2449.1	2545.9	2661.7	2659.0	2580.9	2519.0
65°	2198.8	2276.8	2414.1	2427.5	2360.2	2301.0	2400.6	2508.3	2516.3	2446.4	2392.5
67.5°	2018.5	2088.4	2190.7	2244.5	2188.0	2126.1	2217.6	2319.9	2317.2	2233.8	2177.2
70°	1803.2	1867.7	1961.9	2007.7	1972.7	1913.5	1996.9	2050.8	2026.5	1986.2	1948.5
72.5°	1590.5	1652.4	1741.3	1741.3	1703.6	1647.1	1671.3	1768.2	1797.8	1768.2	1743.9
75°	1367.2	1421.0	1482.9	1496.3	1412.9	1310.7	1423.7	1507.1	1542.1	1528.6	1499.0
77.5°	1138.4	1178.8	1270.3	1246.1	1090.0	1036.1	1127.6	1251.4	1275.7	1267.6	1227.2
80°	877.4	901.6	998.5	950.0	828.9	793.9	834.3	931.2	936.6	909.7	858.5
82.5°	589.4	621.7	686.3	592.1	589.4	557.1	524.8	535.6	584.0	578.6	543.6
85°	301.4	317.6	379.5	355.2	304.1	263.7	250.3	266.4	239.5	218.0	188.4
87.5°	126.5	137.3	188.4	105.0	32.3	0.0	0.0	16.1	24.2	35.0	37.7
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°	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8
2.5°	4012.7	4042.3	4115.0	4206.5	4295.3	4386.8	4486.4	4548.3	4623.6	4720.5	4723.2
5°	3732.8	3800.1	3905.0	4045.0	4190.3	4357.2	4550.9	4712.4	4906.2	5059.6	5121.5
7.5°	3560.6	3657.4	3789.3	3966.9	4158.0	4365.2	4618.2	4890.0	5207.6	5412.2	5533.3
10°	3576.7	3724.7	3856.6	4007.3	4179.6	4402.9	4728.6	5089.2	5479.4	5748.6	5899.3
12.5°	3864.7	4020.8	3996.5	3988.5	4104.2	4376.0	4817.4	5291.0	5767.4	6036.5	6216.8
15°	4228.0	4287.2	4058.4	3886.2	3956.2	4279.1	4865.8	5471.4	6006.9	6335.3	6512.9
17.5°	4413.7	4295.3	4018.1	3759.7	3740.9	4131.1	4890.0	5654.4	6276.1	6604.4	6792.8
20°	4327.6	4155.3	3921.2	3676.3	3541.7	3929.3	4876.6	5799.7	6521.0	6887.0	7040.4
22.5°	4141.9	3991.2	3808.2	3574.0	3380.2	3708.6	4841.6	5945.0	6739.0	7107.7	7242.2
25°	3940.0	3827.0	3676.3	3471.7	3288.7	3514.8	4817.4	6138.8	6989.2	7341.8	7427.9
27.5°	3738.2	3654.8	3531.0	3372.2	3267.2	3380.2	4825.5	6391.8	7312.2	7645.9	7610.9
30°	3539.0	3466.4	3380.2	3310.3	3264.5	3347.9	4803.9	6660.9	7667.4	7976.9	7769.7
32.5°	3350.6	3283.4	3229.5	3240.3	3267.2	3361.4	4693.6	6905.8	7993.1	8256.8	7942.0
35°	3189.2	3119.2	3119.2	3156.9	3256.4	3315.7	4408.3	7096.9	8353.7	8617.5	8186.9
37.5°	3038.4	2976.6	3016.9	3078.8	3173.0	3191.9	4042.3	7282.6	8878.5	9126.1	8566.3
40°	2906.6	2844.7	2917.3	2995.4	3043.8	3035.8	3670.9	7541.0	9497.5	9753.2	9069.6
42.5°	2801.6	2745.1	2809.7	2909.3	2917.3	2925.4	3399.1	7788.6	10216.1	10541.7	9936.2
45°	2715.5	2675.1	2707.4	2807.0	2807.0	2930.8	3229.5	7995.8	11298.0	11873.9	11526.7
47.5°	2648.2	2624.0	2640.1	2672.4	2726.3	3027.7	3121.9	8154.6	13268.0	14398.3	14048.5
50°	2610.5	2586.3	2607.8	2540.6	2702.0	3076.1	3086.9	8275.7	15865.1	17635.9	17202.6
52.5°	2578.2	2570.2	2583.6	2427.5	2755.9	3043.8	3060.0	8114.2	17606.3	20822.4	21250.3
55°	2567.5	2572.9	2508.3	2344.1	2820.5	2936.2	2979.2	6959.6	18080.0	23570.2	26226.5
57.5°	2572.9	2556.7	2392.5	2352.2	2823.1	2720.9	3095.0	4965.4	17391.0	24765.1	31095.0
60°	2554.0	2473.3	2252.6	2424.8	2699.3	2467.9	3011.5	3237.6	15574.4	23847.4	31377.6
62.5°	2470.6	2352.2	2131.5	2465.2	2478.7	2317.2	2734.3	2494.8	13152.3	21882.8	28654.0
65°	2349.5	2190.7	2029.2	2381.8	2255.3	2247.2	2056.1	1999.6	10576.7	19544.0	26070.4
67.5°	2150.3	1991.5	1953.9	2190.7	2029.2	1991.5	1652.4	1657.8	8439.8	17051.9	23473.3
70°	1924.3	1765.5	1795.1	1980.8	1805.8	1655.1	1337.6	1380.6	6402.5	14207.2	19972.0
72.5°	1776.2	1563.6	1566.3	1743.9	1587.9	1340.3	1100.7	1138.4	4063.8	10708.6	15878.5
75°	1499.0	1377.9	1318.7	1412.9	1348.3	1044.2	925.8	917.7	2408.7	7675.5	11890.1
77.5°	1251.4	1157.2	1127.6	1165.3	1006.5	772.4	745.5	732.0	1364.5	4917.0	7791.2
80°	907.0	882.7	880.0	898.9	775.1	567.9	567.9	570.6	734.7	2669.7	4392.2
82.5°	575.9	629.8	557.1	619.0	527.5	403.7	376.8	427.9	422.5	1138.4	1851.6
85°	239.5	328.3	306.8	325.6	250.3	220.7	236.8	255.7	244.9	438.7	721.3
87.5°	45.8	53.8	59.2	56.5	56.5	70.0	78.0	94.2	94.2	126.5	218.0
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: P640737

CATALOG NUMBER: GWS-SA5E-740-U-SLL-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8	4386.8
2.5°	4825.5	4903.5	4887.4	4922.3	4876.6	4892.7	4801.2	4777.0	4760.9	4766.2
5°	5320.7	5479.4	5509.0	5568.2	5527.9	5527.9	5366.4	5245.3	5202.2	5169.9
7.5°	5823.9	6052.7	6203.4	6219.5	6198.0	6154.9	5920.8	5702.8	5624.8	5557.5
10°	6270.7	6545.2	6714.7	6795.5	6755.1	6687.8	6397.2	6098.4	6004.2	5945.0
12.5°	6612.5	6854.7	6967.7	7021.5	7016.2	6991.9	6755.1	6432.1	6332.6	6241.1
15°	6833.1	6954.3	6911.2	6908.5	6946.2	7043.1	6970.4	6717.4	6601.7	6518.3
17.5°	6975.8	6860.1	6669.0	6580.2	6660.9	6889.7	7056.5	6913.9	6808.9	6717.4
20°	7026.9	6615.2	6338.0	6173.8	6268.0	6599.0	7010.8	7056.5	6967.7	6892.4
22.5°	6967.7	6316.4	5939.6	5745.9	5837.4	6233.0	6876.2	7172.2	7113.0	7040.4
25°	6822.4	6004.2	5552.1	5377.2	5476.7	5880.4	6636.7	7279.9	7282.6	7223.4
27.5°	6642.1	5716.3	5280.3	5116.1	5213.0	5589.8	6402.5	7374.1	7468.3	7446.8
30°	6459.1	5544.0	5151.1	5035.4	5108.0	5441.8	6163.0	7471.0	7659.4	7697.0
32.5°	6375.6	5627.5	5455.2	5506.3	5412.2	5527.9	6076.9	7608.2	7890.8	7952.7
35°	6486.0	6367.6	6803.5	7005.4	6671.7	6233.0	6187.2	7815.5	8216.5	8308.0
37.5°	7021.5	7952.7	8604.0	9314.5	8735.9	7769.7	6733.6	8168.0	8682.1	8827.4
40°	8186.9	9336.0	10512.1	11429.8	10555.2	9255.3	7772.4	8692.8	9322.6	9454.4
42.5°	9284.9	10633.2	12253.4	13440.2	12304.5	10469.1	8892.0	9575.6	10167.6	10240.3
45°	10361.4	11906.2	14360.6	16010.4	14468.3	11623.6	10035.8	11066.5	11513.3	11516.0
47.5°	11623.6	13340.7	17003.5	19353.0	17339.9	12902.0	11109.6	13426.8	14048.5	13744.3
50°	13133.4	14767.0	19724.4	23241.9	20841.2	14473.7	12474.1	16303.7	17151.5	16807.0
52.5°	15154.6	16338.7	22722.4	27033.9	24657.5	16263.4	14452.1	20103.8	20383.7	19740.5
55°	17999.2	18607.5	26571.0	31716.7	28917.8	18467.5	17345.3	24872.8	24089.6	22246.1
57.5°	24477.1	22197.6	31512.1	37058.9	33737.8	22472.1	23685.9	30131.5	27346.0	24237.6
60°	29897.4	26557.5	36084.6	42360.7	37868.9	26885.8	29639.0	31046.6	27224.9	24016.9
62.5°	28070.0	27669.0	37734.4	42944.7	39279.2	29057.7	28532.9	28740.1	25448.7	22550.2
65°	24627.9	25524.1	36262.2	40175.4	37715.5	27111.9	25809.3	26608.6	23416.8	20496.8
67.5°	22595.9	23255.3	33643.6	35742.8	34873.5	25007.3	23691.3	23112.7	20262.6	17781.3
70°	20518.3	21064.6	29967.3	30180.0	30441.0	21508.7	19371.8	17649.4	15103.4	13367.6
72.5°	17730.1	17759.7	25319.5	24086.9	24582.1	16831.2	15593.2	13195.3	10993.9	9419.5
75°	14874.7	14061.9	20041.9	16836.6	17829.7	13093.1	12947.7	9944.3	8291.8	7000.0
77.5°	11341.0	10391.0	14640.5	11071.9	12522.5	8719.7	9734.3	6744.3	5834.7	4658.6
80°	7613.6	7021.5	8090.0	6249.1	8192.2	6009.6	6348.7	3821.6	3313.0	2570.2
82.5°	4015.4	3428.7	5000.4	3705.9	4941.2	3302.2	2381.8	1181.5	1006.5	812.8
85°	1555.6	1800.5	2451.8	1318.7	1916.2	1178.8	689.0	293.3	244.9	185.7
87.5°	301.4	465.6	255.7	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)