

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: P639800

Luminaire Tested: GWS-SA5C-750-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P639800
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-SA5C-750-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18959.9 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

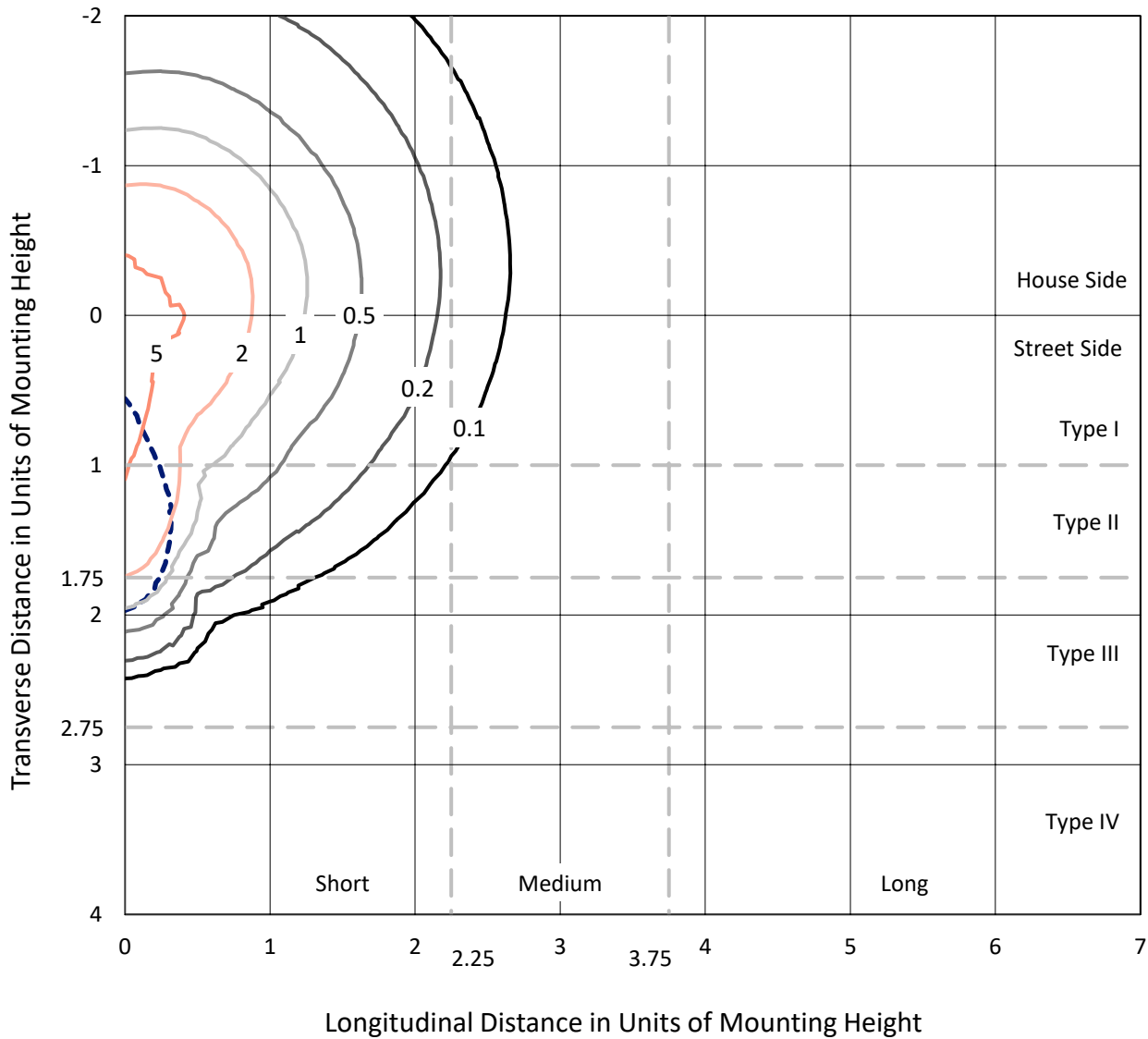
Input Watts (W): 157.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

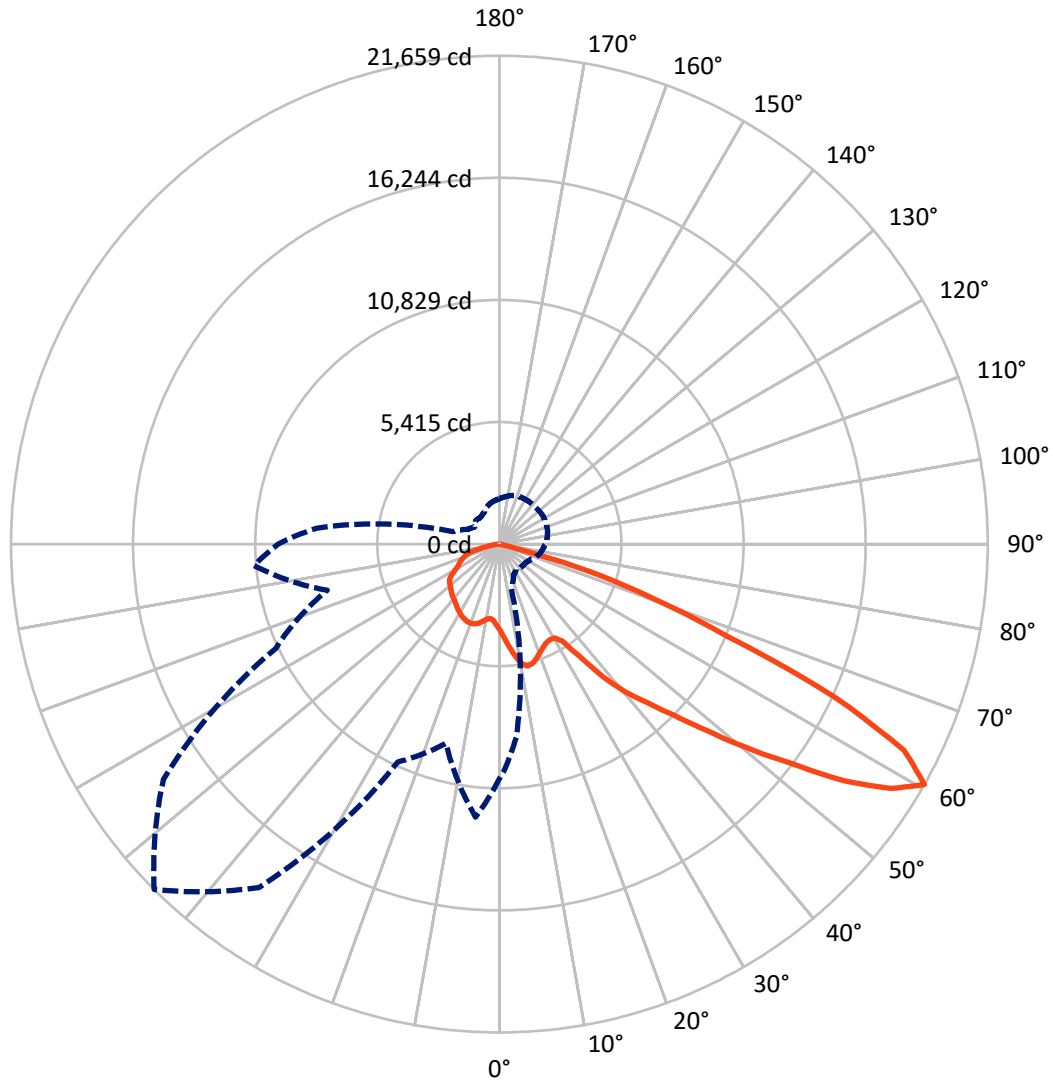
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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

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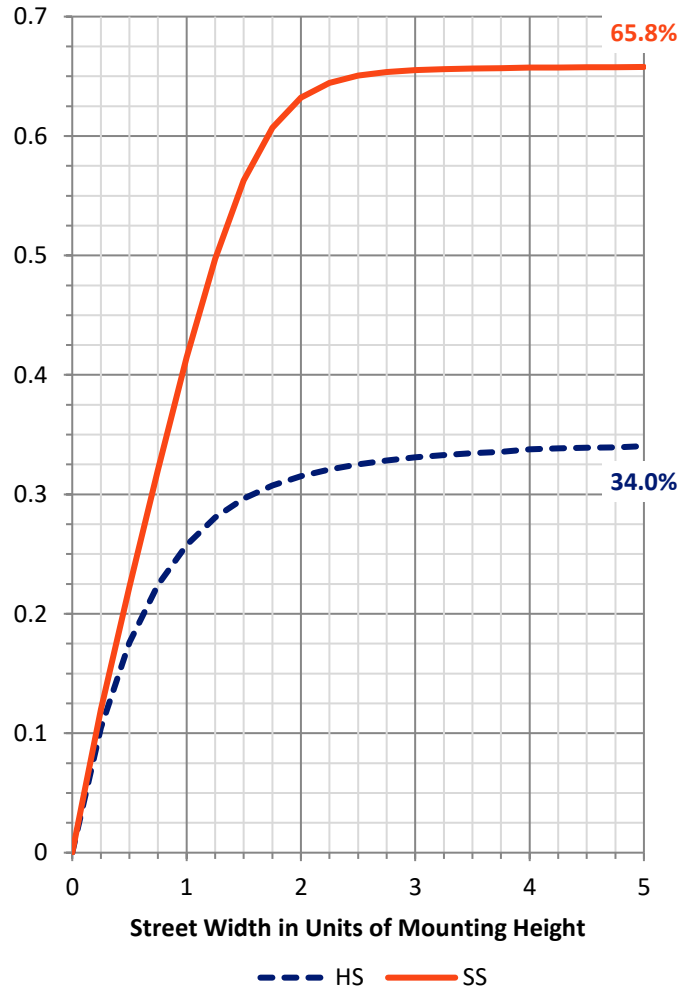
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6486.0	0.0	6486.0
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	12473.9	0.0	12473.9
	% Fixture	65.8	0.0	65.8
Total	Lumens	18959.9	0.0	18959.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.6	2.0
10°-20°	1198.3	6.3
20°-30°	1951.6	10.3
30°-40°	2741.6	14.5
40°-50°	3751.6	19.8
50°-60°	4813.1	25.4
60°-70°	3240.9	17.1
70°-80°	810.2	4.3
80°-90°	79.0	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°	18959.9	100.0
0°-180°	18959.9	100.0

Coefficient of Utilization



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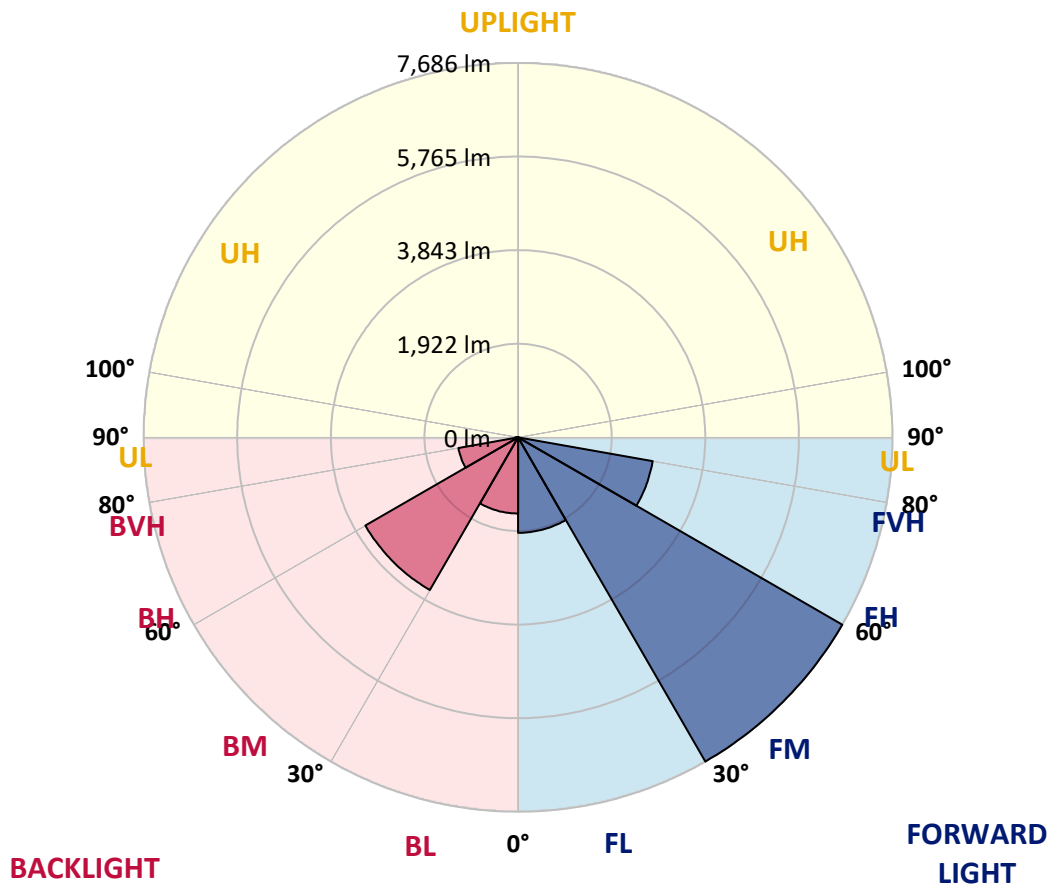
CATALOG NUMBER: GWS-SA5C-750-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1960.0	10.3			
FM (30°-60°)	7686.5	40.5			
FH (60°-80°)	2806.8	14.8			G2/5000
FVH (80°-90°)	20.5	0.1			G1/100
BL (0°-30°)	1563.5	8.2	B3/2500		
BM (30°-60°)	3619.7	19.1	B3/5000		
BH (60°-80°)	1244.3	6.6	B3/2500		G3/2500
BVH (80°-90°)	58.5	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





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0
2.5°	4045.8	4037.0	4028.3	3960.2	3942.7	3893.9	3858.9	3815.3	3752.4	3717.5	3687.8
5°	4299.0	4285.0	4237.8	4098.2	4007.4	3907.8	3825.8	3735.0	3638.9	3576.1	3527.2
7.5°	4538.2	4534.7	4454.4	4223.9	4077.2	3934.0	3822.3	3689.6	3551.6	3457.3	3394.5
10°	4759.9	4733.7	4637.7	4337.4	4145.3	3981.2	3860.7	3714.0	3553.4	3425.9	3342.1
12.5°	4955.5	4922.3	4789.6	4442.1	4204.7	4002.1	3871.2	3750.7	3644.2	3537.6	3441.6
15°	5116.1	5076.0	4941.5	4539.9	4257.0	3989.9	3806.5	3712.3	3748.9	3796.1	3689.6
17.5°	5266.3	5224.4	5060.3	4611.5	4272.8	3914.8	3647.7	3607.5	3792.6	4007.4	3958.5
20°	5392.0	5344.9	5154.6	4646.4	4244.8	3771.6	3441.6	3511.5	3755.9	4012.6	4091.2
22.5°	5528.2	5489.8	5261.1	4697.1	4209.9	3574.3	3268.7	3439.9	3693.1	3918.3	4037.0
25°	5746.5	5699.3	5427.0	4786.1	4192.4	3389.2	3144.8	3370.0	3605.7	3810.0	3902.6
27.5°	6062.5	5975.2	5653.9	4941.5	4211.6	3214.6	3066.2	3284.5	3504.5	3679.1	3754.2
30°	6406.5	6301.8	5905.4	5102.2	4239.6	3108.1	3024.3	3186.7	3349.1	3523.7	3605.7
32.5°	6813.4	6720.8	6174.3	5222.7	4180.2	3059.2	2992.9	3080.2	3209.4	3349.1	3417.2
35°	7298.8	7132.9	6467.6	5320.4	3988.1	2987.6	2964.9	2963.2	3031.3	3167.5	3244.3
37.5°	7820.9	7642.8	6829.1	5425.2	3689.6	2874.1	2898.6	2825.2	2888.1	2996.3	3083.7
40°	8248.7	8061.9	7194.0	5568.4	3315.9	2696.0	2751.9	2673.3	2711.7	2823.5	2921.3
42.5°	8667.8	8468.7	7534.5	5730.8	2954.4	2521.4	2549.3	2519.7	2531.9	2648.9	2785.1
45°	9217.8	8994.3	7953.6	5846.0	2629.7	2383.5	2357.3	2306.6	2371.2	2523.1	2668.1
47.5°	10136.2	9869.1	8639.8	5921.1	2393.9	2304.9	2184.4	2154.7	2235.0	2404.4	2554.6
50°	11210.1	10979.6	9736.4	5917.6	2217.6	2238.5	2016.8	1990.6	2123.3	2294.4	2453.3
52.5°	12090.2	11856.2	10674.1	5743.0	2072.6	2097.1	1919.0	1845.7	2027.2	2186.1	2345.0
55°	12800.8	12537.2	11105.3	5013.1	1889.3	1871.8	1812.5	1678.0	1906.8	2077.9	2226.3
57.5°	12418.4	12104.1	10583.3	3811.8	1700.7	1590.7	1629.1	1529.6	1742.6	1957.4	2100.6
60°	10412.1	10129.3	8597.9	2029.0	1496.4	1328.8	1409.1	1424.8	1562.8	1812.5	1959.2
62.5°	7152.1	6946.1	5826.8	1231.0	1180.4	1066.9	1192.6	1306.1	1409.1	1620.4	1747.9
65°	3499.2	3438.1	2914.3	789.2	825.9	862.6	988.3	1126.2	1278.2	1463.3	1597.7
67.5°	963.9	970.8	883.5	616.4	651.3	752.6	852.1	962.1	1114.0	1285.1	1421.3
70°	424.3	431.3	445.3	474.9	541.3	633.8	736.9	850.4	990.1	1133.2	1264.2
72.5°	295.1	302.1	323.0	361.4	420.8	508.1	605.9	714.2	859.1	979.6	1087.8
75°	181.6	186.8	206.0	239.2	279.4	345.7	441.8	541.3	668.8	778.8	874.8
77.5°	96.0	92.5	104.8	127.5	162.4	197.3	261.9	324.8	415.6	504.6	585.0
80°	52.4	50.6	57.6	69.8	80.3	108.3	151.9	193.8	246.2	296.8	340.5
82.5°	22.7	21.0	22.7	29.7	36.7	52.4	76.8	106.5	136.2	171.1	199.1
85°	0.0	0.0	0.0	1.7	8.7	14.0	26.2	38.4	55.9	76.8	94.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	15.7
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0
2.5°	3670.4	3626.7	3623.2	3588.3	3591.8	3593.5	3558.6	3544.6	3556.9	3570.8	3563.8
5°	3509.7	3464.3	3445.1	3411.9	3408.4	3392.7	3378.7	3361.3	3373.5	3385.7	3392.7
7.5°	3370.0	3340.3	3328.1	3319.4	3322.9	3315.9	3288.0	3272.2	3270.5	3275.7	3282.7
10°	3324.6	3300.2	3315.9	3340.3	3357.8	3370.0	3340.3	3314.1	3289.7	3279.2	3279.2
12.5°	3422.4	3391.0	3422.4	3448.6	3483.5	3492.2	3459.1	3431.1	3422.4	3432.9	3453.8
15°	3638.9	3565.6	3563.8	3579.6	3607.5	3621.5	3590.0	3576.1	3576.1	3642.4	3694.8
17.5°	3855.4	3735.0	3684.3	3675.6	3693.1	3698.3	3672.1	3659.9	3691.3	3820.5	3918.3
20°	4007.4	3860.7	3750.7	3729.7	3735.0	3736.7	3715.8	3707.0	3752.4	3909.6	3991.6
22.5°	3991.6	3883.4	3748.9	3722.7	3731.5	3728.0	3708.8	3705.3	3741.9	3878.1	3916.6
25°	3883.4	3799.6	3686.1	3668.6	3682.6	3680.8	3661.6	3652.9	3668.6	3759.4	3762.9
27.5°	3759.4	3686.1	3588.3	3583.0	3605.7	3618.0	3584.8	3558.6	3553.4	3614.5	3600.5
30°	3611.0	3556.9	3478.3	3481.8	3523.7	3530.7	3490.5	3452.1	3441.6	3474.8	3455.6
32.5°	3434.6	3417.2	3375.3	3384.0	3424.1	3438.1	3396.2	3356.0	3343.8	3354.3	3314.1
35°	3284.5	3277.5	3281.0	3296.7	3331.6	3342.1	3307.2	3275.7	3258.3	3221.6	3169.2
37.5°	3129.1	3148.3	3198.9	3228.6	3247.8	3244.3	3225.1	3202.4	3174.5	3106.4	3041.7
40°	2984.1	3033.0	3123.8	3157.0	3164.0	3165.7	3151.8	3132.5	3097.6	3006.8	2933.5
42.5°	2872.4	2926.5	3047.0	3097.6	3101.1	3104.6	3090.6	3074.9	3026.0	2905.5	2834.0
45°	2755.4	2827.0	2968.4	3029.5	3026.0	3024.3	3012.1	3005.1	2947.5	2807.8	2729.2
47.5°	2655.9	2739.7	2891.6	2944.0	2942.2	2940.5	2931.7	2931.7	2874.1	2722.2	2633.2
50°	2558.1	2654.1	2813.0	2856.7	2860.2	2856.7	2853.2	2858.4	2790.3	2627.9	2540.6
52.5°	2451.6	2559.8	2725.7	2765.9	2786.8	2795.5	2795.5	2783.3	2703.0	2533.6	2437.6
55°	2334.6	2437.6	2629.7	2683.8	2701.3	2717.0	2717.0	2692.5	2617.4	2446.3	2343.3
57.5°	2189.6	2280.4	2432.3	2486.5	2528.4	2538.9	2538.9	2498.7	2437.6	2273.5	2189.6
60°	2032.5	2111.1	2214.1	2271.7	2303.1	2282.2	2297.9	2287.4	2238.5	2086.6	2016.8
62.5°	1823.0	1903.3	2016.8	2076.1	2090.1	2069.2	2090.1	2088.4	2022.0	1885.8	1802.0
65°	1672.8	1751.4	1863.1	1939.9	1962.6	1957.4	1971.4	1950.4	1868.4	1739.1	1658.8
67.5°	1494.7	1578.5	1707.7	1793.3	1840.4	1845.7	1864.9	1821.2	1737.4	1596.0	1494.7
70°	1325.3	1396.9	1496.4	1576.7	1643.1	1676.3	1679.8	1616.9	1512.1	1395.2	1321.8
72.5°	1147.2	1220.5	1341.0	1428.3	1512.1	1550.6	1550.6	1473.7	1360.2	1231.0	1152.4
75°	930.7	998.8	1108.8	1203.1	1299.1	1348.0	1346.3	1279.9	1154.2	1032.0	949.9
77.5°	630.4	681.0	750.8	822.4	836.4	874.8	894.0	810.2	740.4	674.0	600.7
80°	366.7	398.1	436.5	476.7	485.4	497.6	466.2	434.8	398.1	354.5	321.3
82.5°	214.8	235.7	254.9	286.4	291.6	295.1	267.2	253.2	223.5	197.3	176.4
85°	104.8	111.8	129.2	144.9	137.9	134.5	122.2	108.3	96.0	85.6	75.1
87.5°	21.0	21.0	31.4	29.7	24.4	21.0	12.2	15.7	3.5	3.5	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°	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0
2.5°	3586.5	3616.2	3652.9	3701.8	3757.7	3817.0	3874.6	3918.3	3962.0	4026.6	4016.1
5°	3403.2	3453.8	3511.5	3586.5	3677.3	3780.4	3895.6	4010.8	4134.8	4239.6	4285.0
7.5°	3296.7	3352.6	3420.7	3518.4	3635.4	3761.1	3923.5	4110.4	4311.2	4449.1	4534.7
10°	3296.7	3368.3	3457.3	3551.6	3654.6	3783.8	3984.7	4218.6	4477.1	4658.7	4758.2
12.5°	3487.0	3558.6	3577.8	3574.3	3631.9	3775.1	4033.5	4332.1	4641.2	4833.3	4955.5
15°	3783.8	3808.3	3663.4	3530.7	3539.4	3712.3	4056.2	4422.9	4782.6	5013.1	5145.8
17.5°	3982.9	3918.3	3659.9	3427.6	3378.7	3605.7	4056.2	4510.2	4932.8	5193.0	5316.9
20°	3998.6	3838.0	3570.8	3328.1	3202.4	3464.3	4028.3	4576.6	5077.7	5365.8	5498.5
22.5°	3860.7	3701.8	3476.5	3242.6	3057.5	3293.2	3982.9	4627.2	5201.7	5528.2	5692.4
25°	3703.5	3570.8	3380.5	3155.2	2957.9	3120.3	3941.0	4712.8	5374.6	5748.2	5914.1
27.5°	3549.9	3438.1	3265.3	3081.9	2902.1	2970.2	3914.8	4838.5	5580.6	6060.8	6204.0
30°	3399.7	3298.4	3141.3	3012.1	2872.4	2872.4	3892.1	4983.4	5853.0	6411.8	6554.9
32.5°	3247.8	3151.8	3024.3	2944.0	2854.9	2834.0	3829.2	5119.6	6134.1	6795.9	6942.6
35°	3106.4	3010.3	2912.5	2879.4	2846.2	2804.3	3673.8	5226.1	6408.3	7244.7	7370.4
37.5°	2973.6	2881.1	2807.8	2799.0	2802.5	2724.0	3429.4	5315.2	6750.5	7703.9	7770.2
40°	2858.4	2755.4	2697.8	2696.0	2713.5	2594.7	3120.3	5442.7	7141.6	8093.3	8065.3
42.5°	2755.4	2647.1	2577.3	2593.0	2582.5	2465.5	2818.2	5559.7	7482.1	8458.2	8402.3
45°	2654.1	2549.3	2451.6	2474.3	2462.0	2385.2	2561.6	5645.2	7859.3	8896.5	8903.5
47.5°	2556.3	2453.3	2355.5	2327.6	2325.8	2360.8	2364.3	5673.2	8473.9	9601.9	9443.0
50°	2465.5	2362.5	2261.2	2166.9	2203.6	2311.9	2217.6	5652.2	9394.1	10380.7	9937.2
52.5°	2371.2	2273.5	2161.7	1992.3	2088.4	2194.9	2086.6	5577.1	9956.4	11068.7	10803.3
55°	2263.0	2170.4	2018.5	1812.5	1929.5	1952.2	1952.2	4850.7	10195.6	11749.7	11913.8
57.5°	2118.0	1995.8	1754.9	1589.0	1693.7	1606.4	1809.0	3394.5	9801.0	11534.9	12172.2
60°	1953.9	1823.0	1568.0	1449.3	1480.7	1327.1	1541.8	2128.5	8123.0	9815.0	10918.5
62.5°	1737.4	1616.9	1405.6	1313.1	1248.5	1082.6	1241.5	1346.3	5568.4	7288.3	8040.9
65°	1592.5	1459.8	1271.2	1148.9	1016.2	871.3	824.2	883.5	2994.6	4078.9	4587.1
67.5°	1421.3	1290.4	1112.3	958.6	852.1	747.3	665.3	644.3	1026.7	1358.5	1470.2
70°	1259.0	1133.2	984.8	841.6	735.1	632.1	551.8	494.2	474.9	471.5	464.5
72.5°	1093.1	976.1	852.1	719.4	602.4	508.1	436.5	370.2	342.2	333.5	324.8
75°	895.8	803.2	679.2	536.1	441.8	354.5	298.6	254.9	230.5	221.8	211.3
77.5°	576.2	534.3	426.1	345.7	267.2	211.3	181.6	153.7	137.9	134.5	125.7
80°	307.3	286.4	235.7	199.1	158.9	129.2	113.5	97.8	89.1	85.6	82.1
82.5°	171.1	155.4	131.0	115.2	92.5	78.6	69.8	62.9	57.6	55.9	54.1
85°	76.8	66.4	52.4	48.9	43.7	40.2	38.4	34.9	33.2	31.4	29.7
87.5°	3.5	7.0	8.7	7.0	7.0	10.5	12.2	12.2	10.5	10.5	8.7
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: P639800

CATALOG NUMBER: GWS-SA5C-750-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0	3824.0
2.5°	4080.7	4133.1	4138.3	4155.8	4133.1	4127.8	4091.2	4070.2	4051.0	4045.8
5°	4398.5	4503.3	4545.2	4574.8	4546.9	4532.9	4452.6	4368.8	4321.7	4299.0
7.5°	4725.0	4882.2	4964.2	5000.9	5004.4	4941.5	4803.6	4646.4	4567.9	4538.2
10°	5016.6	5210.4	5318.7	5388.5	5364.1	5287.3	5098.7	4885.7	4786.1	4759.9
12.5°	5233.1	5418.2	5502.0	5547.4	5545.7	5503.8	5325.7	5095.2	4981.7	4955.5
15°	5372.8	5482.8	5488.1	5498.5	5528.2	5584.1	5491.6	5278.5	5152.8	5116.1
17.5°	5482.8	5439.2	5357.1	5329.2	5395.5	5550.9	5606.8	5433.9	5297.7	5266.3
20°	5552.7	5332.7	5187.7	5133.6	5210.4	5463.6	5676.6	5573.6	5432.2	5392.0
22.5°	5606.8	5233.1	4999.2	4962.5	5042.8	5369.3	5748.2	5739.5	5584.1	5528.2
25°	5692.4	5166.8	4866.4	4840.3	4915.3	5323.9	5844.3	5964.8	5826.8	5746.5
27.5°	5826.8	5159.8	4798.3	4789.6	4892.6	5364.1	5982.2	6294.8	6121.9	6062.5
30°	6013.6	5226.1	4814.1	4831.5	4957.2	5509.0	6197.0	6671.9	6499.1	6406.5
32.5°	6282.6	5404.3	5053.3	5128.4	5220.9	5741.3	6511.3	7080.5	6949.6	6813.4
35°	6637.0	5893.2	5760.5	6080.0	5992.7	6249.4	6890.2	7576.4	7417.5	7298.8
37.5°	7110.2	6895.4	7017.7	7457.7	7246.4	7209.7	7352.9	8026.9	7939.6	7820.9
40°	7773.7	7817.4	8042.6	8620.6	8315.0	8079.3	7920.4	8365.7	8395.4	8248.7
42.5°	8213.8	8414.6	8957.6	9614.2	9193.3	8629.3	8395.4	8798.7	8800.5	8667.8
45°	8377.9	8903.5	10038.5	10794.5	10090.8	8943.6	8657.3	9387.2	9369.7	9217.8
47.5°	8318.5	9315.6	11161.2	12317.2	11243.3	9167.1	8620.6	10225.3	10366.7	10136.2
50°	8194.6	9729.4	12472.6	14182.0	12657.6	9404.6	8564.7	11154.2	11388.2	11210.1
52.5°	8320.3	10190.4	14023.1	16109.7	14431.7	9783.5	8941.9	12346.8	12304.9	12090.2
55°	8718.4	10735.2	15907.2	18531.6	16380.4	10424.4	9911.0	13483.6	13057.5	12800.8
57.5°	8699.2	11124.6	17559.0	20447.1	18075.9	10949.9	10248.0	13604.0	12743.2	12418.4
60°	7896.0	10946.4	18187.6	21658.9	18587.5	10660.1	9139.2	12151.3	10752.6	10412.1
62.5°	5893.2	9713.7	16968.8	20141.5	17139.9	9207.3	6872.7	8721.9	7726.6	7152.1
65°	3769.9	7599.1	14265.8	16317.5	14127.9	7042.1	4092.9	4676.1	3663.4	3499.2
67.5°	1604.7	5364.1	11089.6	10906.3	10569.3	4562.6	1580.2	1316.6	981.3	963.9
70°	530.8	3649.4	6836.1	7274.4	6312.2	3143.0	522.1	441.8	440.0	424.3
72.5°	347.5	1959.2	3848.5	4285.0	4061.5	1809.0	316.0	295.1	302.1	295.1
75°	207.8	426.1	647.8	841.6	647.8	303.8	190.3	186.8	190.3	181.6
77.5°	122.2	118.7	115.2	115.2	113.5	104.8	96.0	92.5	94.3	96.0
80°	78.6	75.1	71.6	69.8	61.1	57.6	54.1	50.6	50.6	52.4
82.5°	50.6	47.1	43.7	38.4	31.4	26.2	24.4	21.0	21.0	22.7
85°	26.2	21.0	15.7	12.2	7.0	3.5	0.0	0.0	0.0	0.0
87.5°	5.2	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)