

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: P639804

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

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P639804
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-SA5C-750-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT 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: 19057.7 lumens
Efficiency: N/A
Efficacy: 121.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

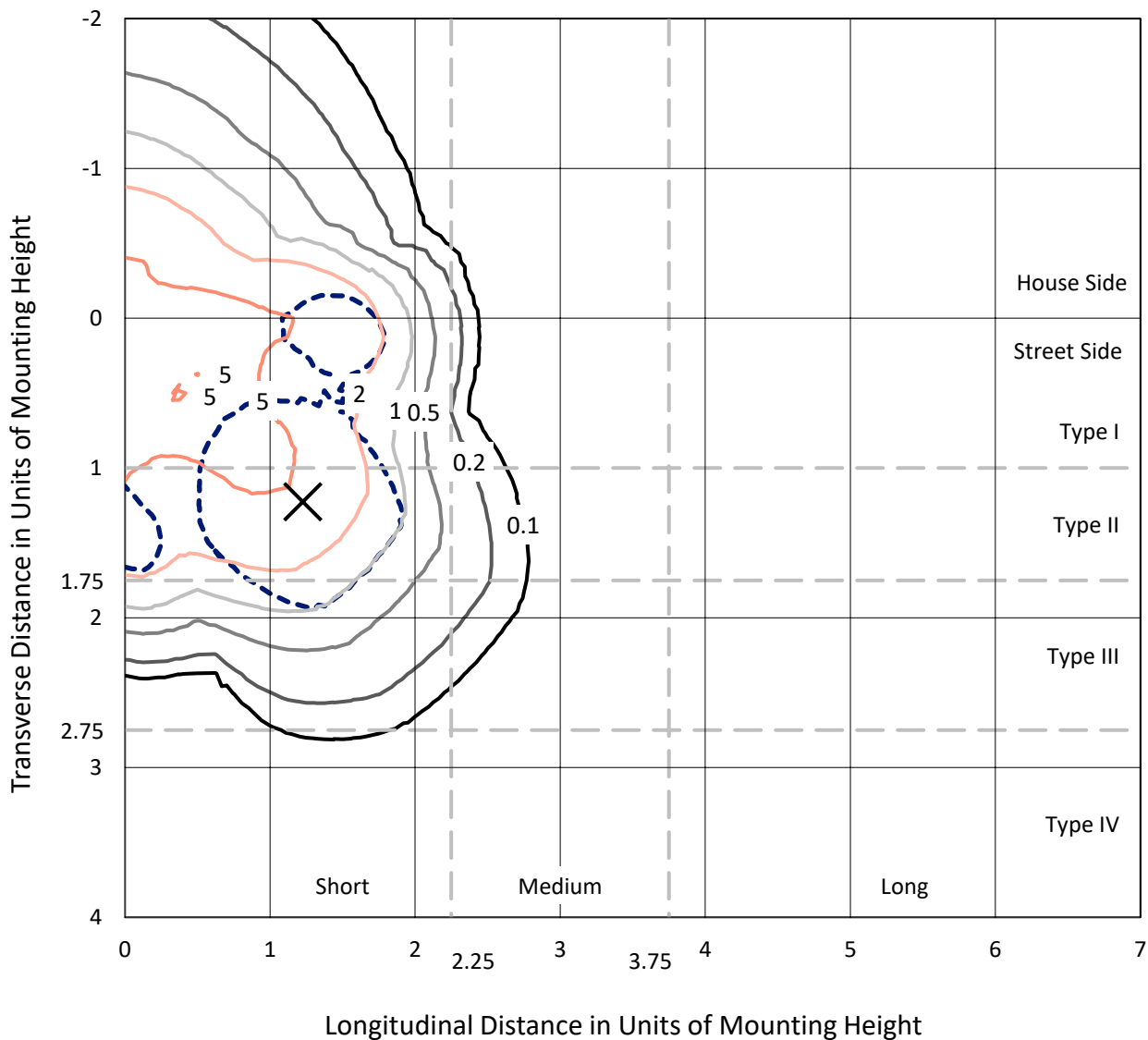
Input Watts (W): 157.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

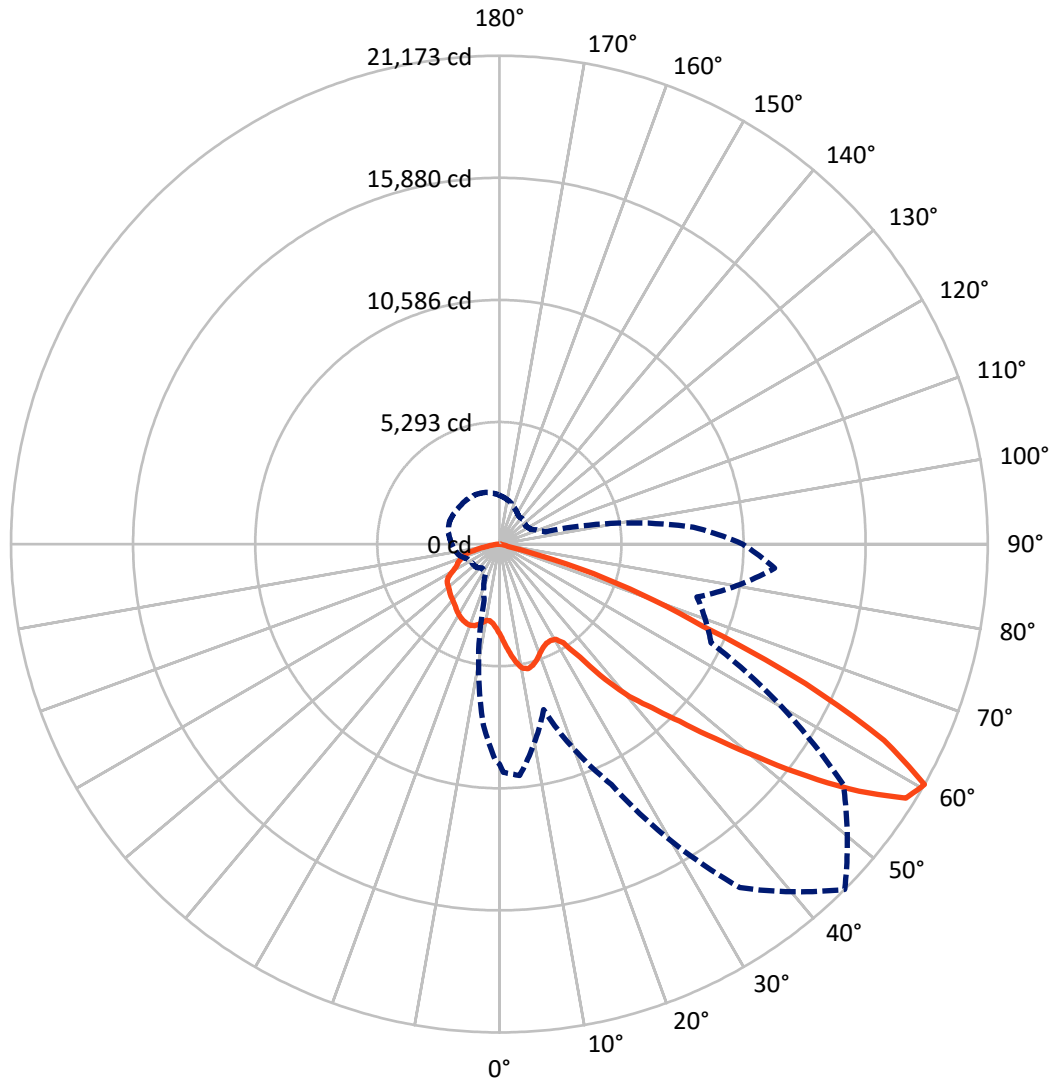
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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

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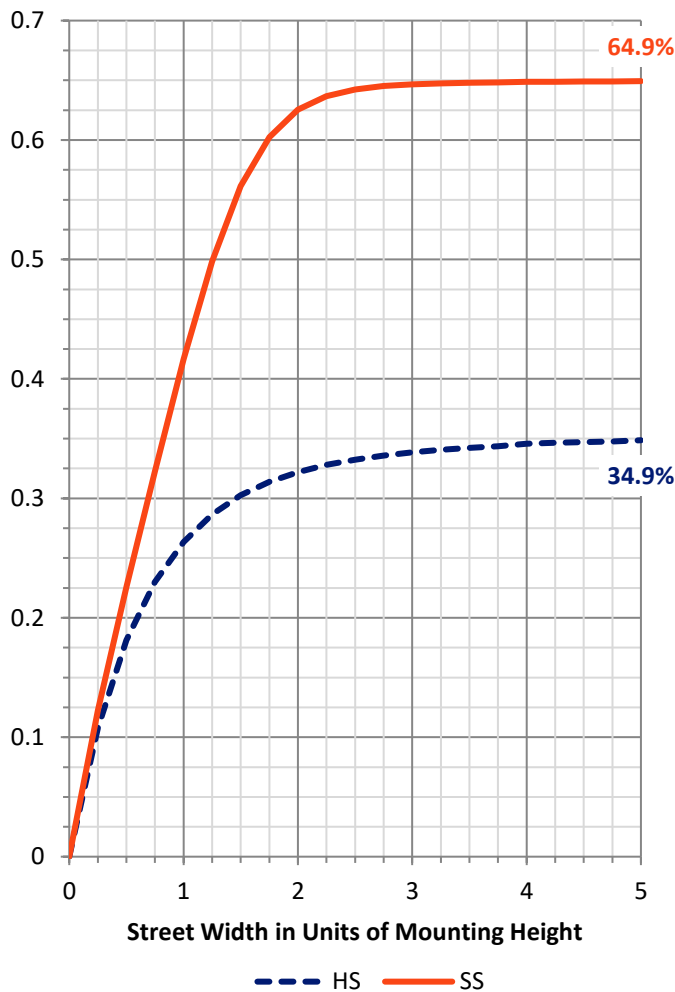
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6680.4	0.0	6680.4
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	12377.3	0.0	12377.3
	% Fixture	64.9	0.0	64.9
Total	Lumens	19057.7	0.0	19057.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.0	2.0
10°-20°	1207.0	6.3
20°-30°	1960.7	10.3
30°-40°	2765.2	14.5
40°-50°	3821.4	20.1
50°-60°	4919.3	25.8
60°-70°	3116.9	16.4
70°-80°	799.8	4.2
80°-90°	85.5	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°	19057.7	100.0
0°-180°	19057.7	100.0

Coefficient of Utilization



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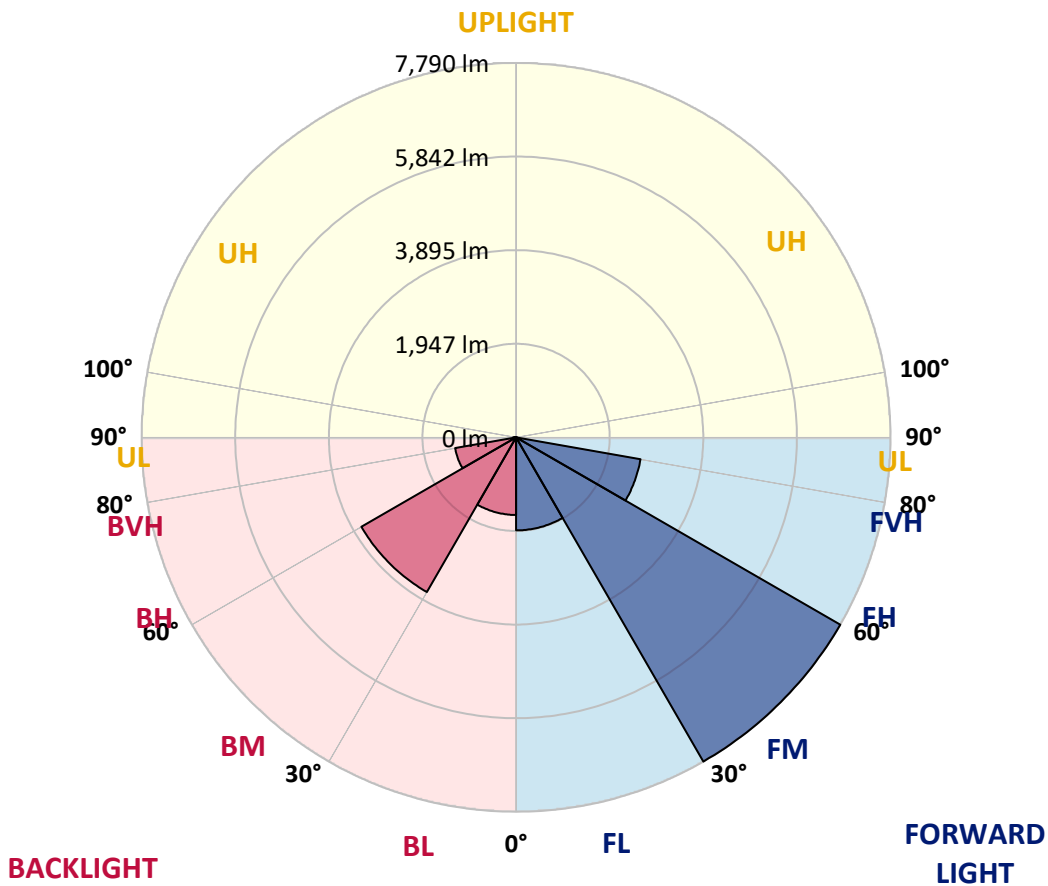
CATALOG NUMBER: GWS-SA5C-750-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1935.1	10.2			
FM (30°-60°)	7789.7	40.9			
FH (60°-80°)	2629.3	13.8			G2/5000
FVH (80°-90°)	23.2	0.1			G1/100
BL (0°-30°)	1614.6	8.5	B3/2500		
BM (30°-60°)	3716.1	19.5	B3/5000		
BH (60°-80°)	1287.4	6.8	B3/2500		G3/2500
BVH (80°-90°)	62.3	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





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0
2.5°	4094.9	4122.8	4140.3	4173.4	4232.8	4266.0	4302.7	4262.5	4273.0	4267.7	4203.1
5°	4337.6	4370.8	4416.2	4514.0	4624.0	4685.1	4742.7	4734.0	4679.9	4589.0	4524.4
7.5°	4564.6	4603.0	4681.6	4840.5	5002.9	5097.2	5167.0	5121.6	5076.2	4933.1	4770.7
10°	4742.7	4765.4	4871.9	5085.0	5273.6	5380.1	5465.6	5455.2	5392.3	5231.7	5013.4
12.5°	4910.4	4926.1	5041.3	5254.4	5423.7	5470.9	5540.7	5563.4	5542.5	5422.0	5207.2
15°	5090.2	5119.9	5226.4	5388.8	5465.6	5416.8	5441.2	5504.1	5563.4	5563.4	5366.1
17.5°	5257.8	5284.0	5392.3	5462.2	5388.8	5259.6	5266.6	5346.9	5488.3	5636.8	5511.0
20°	5406.3	5430.7	5537.2	5470.9	5238.6	5050.0	5044.8	5142.6	5371.4	5683.9	5666.5
22.5°	5568.7	5603.6	5692.7	5477.9	5098.9	4859.7	4858.0	4959.2	5268.3	5731.1	5844.6
25°	5799.2	5853.3	5898.7	5539.0	5023.9	4735.7	4758.4	4854.5	5235.1	5807.9	6108.3
27.5°	6141.4	6185.1	6181.6	5666.5	5020.4	4685.1	4732.2	4844.0	5294.5	5944.1	6385.9
30°	6511.6	6534.3	6497.7	5844.6	5100.7	4716.5	4786.4	4919.1	5444.7	6169.4	6794.5
32.5°	6922.0	6949.9	6880.1	6111.7	5287.5	4948.8	5102.4	5167.0	5656.0	6494.2	7227.6
35°	7393.5	7447.6	7302.7	6464.5	5837.6	5795.7	6019.2	5935.4	6104.8	6878.3	7690.3
37.5°	7889.4	7891.1	7683.3	6986.6	6916.8	6988.3	7435.4	7173.4	7056.4	7306.2	8161.8
40°	8310.2	8299.8	7980.2	7690.3	7856.2	8140.8	8680.4	8278.8	7971.5	7880.7	8553.0
42.5°	8731.1	8692.6	8369.6	8137.4	8504.1	9089.0	9698.5	9206.0	8558.2	8402.8	8938.9
45°	9268.9	9256.7	8867.3	8315.5	9089.0	10150.7	10959.2	10161.2	8905.7	8706.6	9581.5
47.5°	10136.8	10077.4	9352.7	8301.5	9637.4	11565.2	12586.7	11364.4	9148.4	8713.6	10618.7
50°	10985.4	10912.1	9932.5	8299.8	10203.1	13032.0	14507.5	12825.9	9396.4	8755.5	11673.4
52.5°	11842.8	11842.8	10884.1	8497.1	10796.8	14669.9	16727.0	14647.2	9819.0	9303.8	12970.9
55°	12352.7	12488.9	11954.6	8830.6	11491.8	16597.8	18922.0	16613.5	10472.0	10293.9	14168.8
57.5°	11704.9	11959.8	11883.0	8598.4	11902.2	18013.9	20783.4	18104.7	10795.1	10410.9	13988.9
60°	9537.8	9892.3	10068.7	7424.9	11497.1	18178.1	21172.8	18202.5	10128.0	8865.5	11982.5
62.5°	6340.5	6632.1	6901.0	5305.0	9953.4	16353.3	18726.4	16358.5	8458.7	6616.4	8301.5
65°	3110.0	3326.5	3616.4	3136.2	7775.9	13664.1	14600.1	13218.8	6118.7	3703.7	4234.6
67.5°	813.7	874.9	915.0	1217.1	5570.4	9817.2	9522.1	9668.8	3930.7	1210.1	1107.1
70°	422.6	426.1	424.3	502.9	3764.8	6239.2	6562.3	6071.6	2743.3	506.4	436.6
72.5°	302.1	303.8	298.6	338.8	1817.8	3574.5	3703.7	3663.6	1437.1	300.3	298.6
75°	197.3	199.1	195.6	199.1	274.2	406.9	375.4	394.6	239.2	190.3	190.3
77.5°	117.0	118.7	117.0	120.5	117.0	117.0	108.3	108.3	103.0	103.0	104.8
80°	78.6	78.6	76.8	80.3	73.3	73.3	69.8	68.1	62.9	61.1	61.1
82.5°	47.1	48.9	47.1	47.1	43.7	43.7	40.2	38.4	33.2	33.2	31.4
85°	24.4	24.4	22.7	22.7	19.2	17.5	14.0	14.0	10.5	8.7	8.7
87.5°	3.5	3.5	1.7	1.7	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	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0
2.5°	4185.7	4150.7	4098.4	4047.7	4000.6	3951.7	3895.8	3838.2	3789.3	3738.6	3712.4
5°	4438.9	4367.3	4231.1	4110.6	4002.3	3913.3	3817.2	3735.2	3658.3	3595.5	3564.0
7.5°	4667.6	4555.9	4349.8	4159.5	4012.8	3890.6	3757.9	3635.6	3532.6	3455.8	3426.1
10°	4878.9	4746.2	4475.5	4234.6	4063.4	3927.2	3764.8	3598.9	3462.7	3361.5	3337.0
12.5°	5050.0	4898.1	4575.1	4295.7	4093.1	3946.4	3803.3	3660.1	3525.6	3394.6	3373.7
15°	5202.0	5022.1	4650.2	4334.1	4082.6	3895.8	3775.3	3757.9	3757.9	3609.4	3567.5
17.5°	5332.9	5135.6	4711.3	4351.6	4016.3	3745.6	3672.3	3824.2	3995.3	3888.8	3794.5
20°	5483.1	5243.9	4761.9	4351.6	3894.1	3555.3	3548.3	3806.7	4059.9	4061.7	3962.2
22.5°	5635.0	5369.6	4821.3	4335.8	3726.4	3335.3	3464.5	3736.9	3962.2	4058.2	3990.1
25°	5881.2	5544.2	4915.6	4323.6	3530.8	3185.1	3389.4	3644.3	3834.7	3936.0	3892.3
27.5°	6193.8	5774.7	5058.8	4342.8	3337.0	3096.0	3309.1	3523.9	3696.7	3785.8	3754.4
30°	6543.1	6040.2	5212.4	4376.0	3197.3	3050.6	3213.0	3385.9	3539.6	3628.6	3614.7
32.5°	6988.3	6328.3	5345.2	4330.6	3118.7	3027.9	3111.8	3235.7	3384.2	3440.0	3452.3
35°	7520.9	6646.1	5446.4	4152.5	3047.1	3003.5	3001.7	3078.6	3183.3	3272.4	3281.1
37.5°	8011.6	7018.0	5558.2	3846.9	2917.9	2942.4	2872.5	2917.9	3020.9	3110.0	3144.9
40°	8497.1	7395.2	5713.6	3457.5	2748.5	2806.2	2724.1	2755.5	2837.6	2954.6	3010.5
42.5°	8968.6	7735.7	5877.8	3059.4	2579.2	2615.8	2554.7	2586.1	2671.7	2818.4	2881.3
45°	9481.9	8196.7	6005.2	2683.9	2432.5	2416.8	2367.9	2413.3	2542.5	2703.1	2778.2
47.5°	10452.8	8923.1	6089.0	2434.2	2353.9	2240.4	2184.5	2282.3	2429.0	2591.4	2682.2
50°	11638.5	9974.4	6064.6	2275.3	2285.8	2058.8	2039.6	2168.8	2326.0	2495.3	2594.9
52.5°	12578.0	11006.4	5787.0	2123.4	2153.1	1943.5	1887.7	2076.2	2226.4	2399.3	2502.3
55°	13295.7	11353.9	4934.8	1943.5	1936.6	1859.7	1742.7	1980.2	2126.9	2287.5	2399.3
57.5°	12710.7	10580.3	3658.3	1695.6	1653.7	1693.8	1580.3	1817.8	2004.7	2163.6	2263.1
60°	10548.9	8436.0	2037.8	1501.7	1383.0	1480.8	1463.3	1646.7	1871.9	2039.6	2125.1
62.5°	7161.2	5617.6	1208.4	1187.4	1121.1	1260.8	1353.3	1473.8	1695.6	1831.8	1912.1
65°	3569.3	2729.3	803.3	888.8	897.6	1037.3	1211.9	1344.6	1529.7	1669.4	1749.7
67.5°	1035.5	848.7	611.2	679.3	773.6	885.3	1025.0	1182.2	1362.0	1527.9	1622.2
70°	447.0	452.3	485.4	565.8	658.3	773.6	913.3	1066.9	1218.9	1346.3	1417.9
72.5°	316.1	328.3	365.0	447.0	534.3	644.4	784.0	932.5	1042.5	1171.7	1246.8
75°	202.6	211.3	241.0	303.8	368.5	475.0	607.7	743.9	857.4	949.9	1021.5
77.5°	111.8	113.5	138.0	174.6	218.3	286.4	384.2	490.7	574.5	626.9	691.5
80°	64.6	64.6	76.8	99.5	125.7	167.6	221.8	274.2	324.8	358.0	389.4
82.5°	34.9	34.9	40.2	54.1	68.1	92.5	124.0	150.2	181.6	199.1	220.0
85°	10.5	10.5	14.0	19.2	24.4	34.9	48.9	62.9	76.8	89.1	101.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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°	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0
2.5°	3707.2	3682.8	3668.8	3651.3	3656.6	3640.9	3632.1	3637.4	3605.9	3637.4	3668.8
5°	3551.8	3516.9	3488.9	3466.2	3455.8	3434.8	3422.6	3422.6	3403.4	3434.8	3473.2
7.5°	3415.6	3387.7	3373.7	3359.7	3344.0	3324.8	3303.8	3296.9	3284.6	3317.8	3351.0
10°	3324.8	3328.3	3337.0	3356.2	3352.7	3340.5	3309.1	3291.6	3291.6	3330.0	3380.7
12.5°	3366.7	3403.4	3424.3	3459.2	3466.2	3455.8	3424.3	3410.4	3445.3	3502.9	3586.7
15°	3529.1	3553.5	3571.0	3598.9	3597.2	3588.5	3564.0	3574.5	3689.7	3801.5	3876.6
17.5°	3705.5	3677.5	3674.0	3691.5	3696.7	3686.3	3672.3	3719.4	3909.8	4014.5	4053.0
20°	3832.9	3736.9	3715.9	3722.9	3736.9	3731.7	3731.7	3808.5	4005.8	4054.7	4005.8
22.5°	3871.4	3735.2	3703.7	3705.5	3724.7	3726.4	3735.2	3815.5	3930.7	3932.5	3857.4
25°	3810.2	3679.3	3656.6	3660.1	3682.8	3681.0	3684.5	3729.9	3780.6	3759.6	3703.7
27.5°	3695.0	3581.5	3574.5	3593.7	3623.4	3607.7	3597.2	3609.4	3633.9	3607.7	3558.8
30°	3564.0	3468.0	3471.5	3508.1	3539.6	3513.4	3487.2	3494.2	3495.9	3468.0	3412.1
32.5°	3426.1	3354.5	3366.7	3405.1	3441.8	3413.8	3385.9	3382.4	3349.2	3316.1	3261.9
35°	3288.1	3260.2	3275.9	3307.3	3338.8	3316.1	3298.6	3288.1	3216.5	3167.6	3122.2
37.5°	3162.4	3183.3	3211.3	3230.5	3241.0	3239.2	3228.7	3204.3	3110.0	3052.4	2993.0
40°	3050.6	3115.2	3144.9	3153.7	3169.4	3165.9	3164.1	3129.2	3005.2	2944.1	2876.0
42.5°	2949.4	3040.2	3090.8	3099.5	3108.3	3110.0	3104.8	3054.1	2912.7	2841.1	2776.5
45°	2851.6	2970.3	3034.9	3026.2	3038.4	3038.4	3043.6	2977.3	2821.9	2748.5	2680.4
47.5°	2766.0	2905.7	2965.1	2954.6	2961.6	2966.8	2972.1	2895.2	2722.3	2652.5	2582.6
50°	2687.4	2835.9	2886.5	2890.0	2890.0	2902.2	2900.5	2825.4	2638.5	2563.4	2493.6
52.5°	2603.6	2764.3	2818.4	2841.1	2848.1	2853.3	2828.9	2741.6	2553.0	2462.2	2397.6
55°	2505.8	2690.9	2739.8	2769.5	2783.5	2780.0	2746.8	2657.7	2465.7	2374.9	2301.5
57.5°	2357.4	2533.8	2603.6	2617.6	2640.3	2626.3	2587.9	2512.8	2326.0	2235.2	2160.1
60°	2195.0	2322.5	2378.3	2390.6	2373.1	2378.3	2373.1	2301.5	2139.1	2067.5	1990.7
62.5°	1982.0	2095.5	2154.8	2170.5	2140.9	2160.1	2153.1	2064.0	1901.6	1826.5	1758.4
65°	1821.3	1945.3	2015.1	2023.9	2015.1	2023.9	1999.4	1891.1	1737.5	1660.6	1590.8
67.5°	1695.6	1823.0	1896.4	1920.8	1912.1	1910.4	1871.9	1746.2	1587.3	1503.5	1414.4
70°	1479.0	1590.8	1685.1	1744.5	1744.5	1711.3	1637.9	1521.0	1393.5	1321.9	1252.0
72.5°	1309.7	1451.1	1543.7	1604.8	1617.0	1597.8	1494.8	1370.8	1224.1	1152.5	1079.2
75°	1079.2	1217.1	1316.6	1397.0	1412.7	1391.7	1273.0	1150.8	1014.5	944.7	871.4
77.5°	721.2	803.3	883.6	956.9	941.2	955.2	874.9	782.3	698.5	646.1	612.9
80°	406.9	461.0	485.4	525.6	525.6	525.6	473.2	429.6	382.4	352.7	319.6
82.5°	230.5	265.4	275.9	309.1	317.8	319.6	284.6	256.7	227.0	211.3	188.6
85°	106.5	125.7	127.5	146.7	153.7	167.6	151.9	132.7	115.3	108.3	94.3
87.5°	3.5	10.5	14.0	26.2	34.9	40.2	43.7	43.7	36.7	33.2	27.9
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: P639804

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

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0	3915.0
2.5°	3707.2	3749.1	3798.0	3832.9	3895.8	3948.2	4002.3	4061.7	4105.3	4094.9
5°	3520.4	3590.2	3679.3	3761.3	3878.3	3997.1	4128.0	4262.5	4341.1	4337.6
7.5°	3415.6	3515.1	3623.4	3733.4	3871.4	4042.5	4243.3	4452.8	4559.4	4564.6
10°	3471.5	3578.0	3651.3	3743.9	3888.8	4103.6	4344.6	4596.0	4718.3	4742.7
12.5°	3647.8	3639.1	3633.9	3700.2	3874.8	4147.3	4442.4	4742.7	4880.7	4910.4
15°	3815.5	3635.6	3527.4	3572.8	3812.0	4175.2	4538.4	4903.4	5058.8	5090.2
17.5°	3846.9	3574.5	3373.7	3405.1	3712.4	4183.9	4631.0	5060.5	5228.2	5257.8
20°	3759.6	3495.9	3261.9	3218.3	3586.7	4161.2	4688.6	5191.5	5374.8	5406.3
22.5°	3649.6	3426.1	3178.1	3064.6	3433.1	4138.5	4753.2	5329.4	5540.7	5568.7
25°	3534.3	3337.0	3099.5	2926.7	3258.4	4124.6	4861.5	5511.0	5766.0	5799.2
27.5°	3412.1	3228.7	3031.4	2860.3	3097.8	4142.0	5015.1	5804.4	6094.3	6141.4
30°	3281.1	3120.5	2987.8	2837.6	2987.8	4157.7	5184.5	6104.8	6445.3	6511.6
32.5°	3144.9	3020.9	2942.4	2848.1	2919.7	4121.1	5332.9	6441.8	6864.4	6922.0
35°	3008.7	2919.7	2884.7	2867.3	2828.9	3986.6	5453.4	6782.3	7342.8	7393.5
37.5°	2881.3	2814.9	2804.4	2823.6	2689.2	3766.6	5593.1	7215.4	7812.6	7889.4
40°	2762.5	2701.4	2699.6	2696.2	2535.5	3466.2	5781.7	7655.4	8275.3	8310.2
42.5°	2652.5	2575.7	2589.6	2547.7	2409.8	3141.4	5959.8	8030.8	8706.6	8731.1
45°	2554.7	2453.4	2469.1	2416.8	2350.4	2800.9	6117.0	8474.4	9253.2	9268.9
47.5°	2460.4	2352.1	2308.5	2305.0	2339.9	2486.6	6270.7	9328.3	10108.8	10136.8
50°	2373.1	2256.1	2132.1	2209.0	2275.3	2250.9	6462.7	10243.3	10992.4	10985.4
52.5°	2289.3	2135.6	1959.3	2107.7	2107.7	2076.2	6408.6	10798.6	11722.3	11842.8
55°	2193.2	1941.8	1779.4	1938.3	1861.5	1919.1	5449.9	10980.2	12181.6	12352.7
57.5°	2002.9	1702.6	1561.1	1646.7	1531.4	1779.4	3915.0	10079.1	11401.0	11704.9
60°	1819.6	1526.2	1433.6	1417.9	1267.8	1451.1	2537.2	7891.1	9384.2	9537.8
62.5°	1604.8	1374.3	1295.7	1175.2	1019.8	1056.5	1536.7	5193.2	6305.6	6340.5
65°	1442.4	1245.1	1094.9	951.7	834.7	766.6	908.0	2504.1	3151.9	3110.0
67.5°	1238.1	1066.9	923.7	820.7	724.7	639.1	604.2	743.9	841.7	813.7
70°	1101.9	937.7	799.8	702.0	612.9	527.4	466.2	438.3	429.6	422.6
72.5°	949.9	806.8	663.6	569.3	485.4	406.9	351.0	317.8	309.1	302.1
75°	757.9	623.4	492.4	403.4	330.0	274.2	237.5	209.5	204.3	197.3
77.5°	501.2	399.9	293.4	239.2	195.6	165.9	141.4	124.0	120.5	117.0
80°	275.9	230.5	179.9	144.9	117.0	101.3	92.5	82.1	80.3	78.6
82.5°	164.1	138.0	103.0	82.1	68.1	61.1	55.9	50.6	48.9	47.1
85°	82.1	64.6	45.4	38.4	34.9	31.4	31.4	26.2	24.4	24.4
87.5°	21.0	17.5	10.5	8.7	8.7	8.7	7.0	5.2	5.2	3.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)