

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: P643709

Luminaire Tested: GWS-SA6F-740-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643709
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-SAGF-740-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) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38939.8 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G4

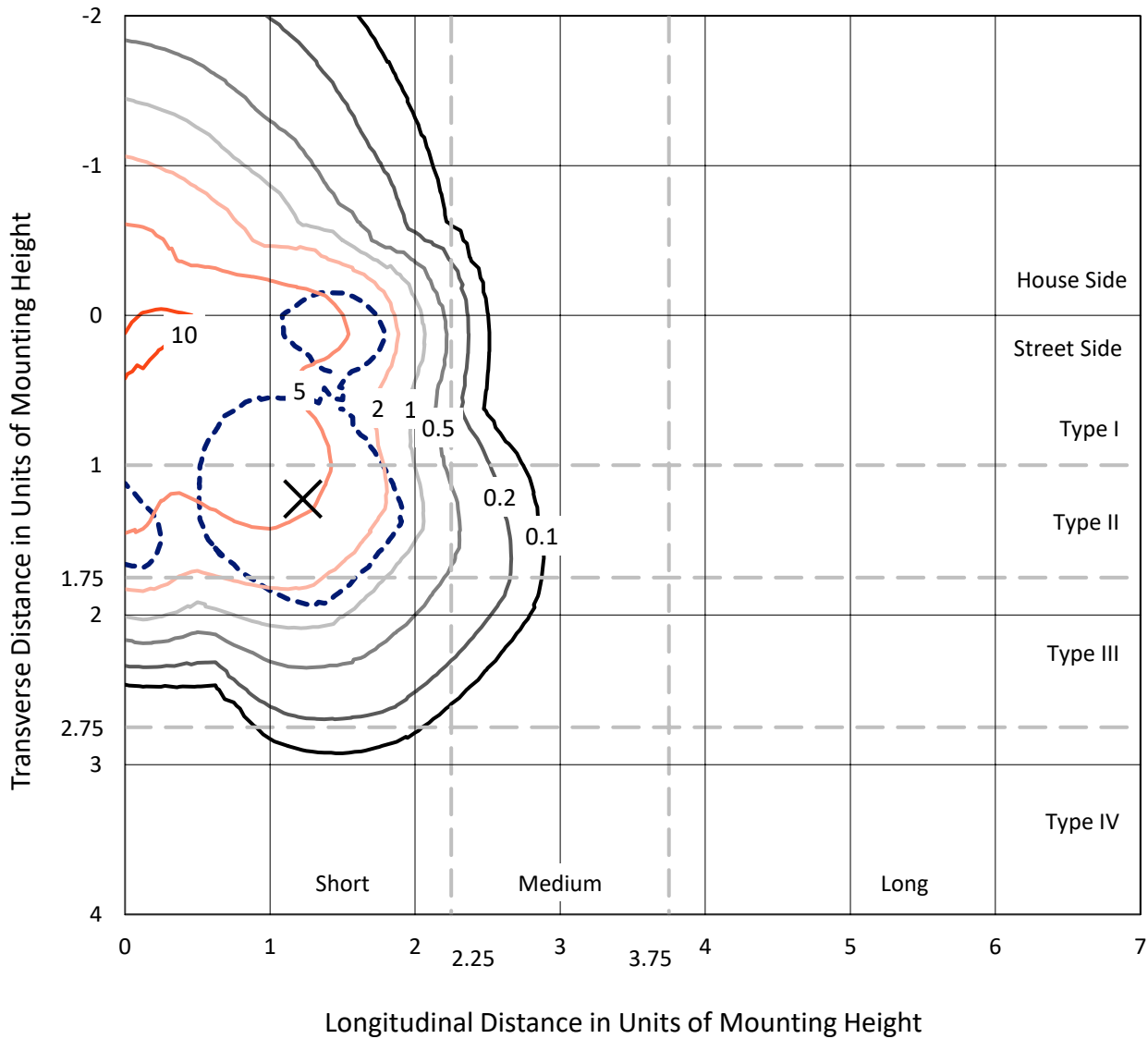
Input Watts (W): 372.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

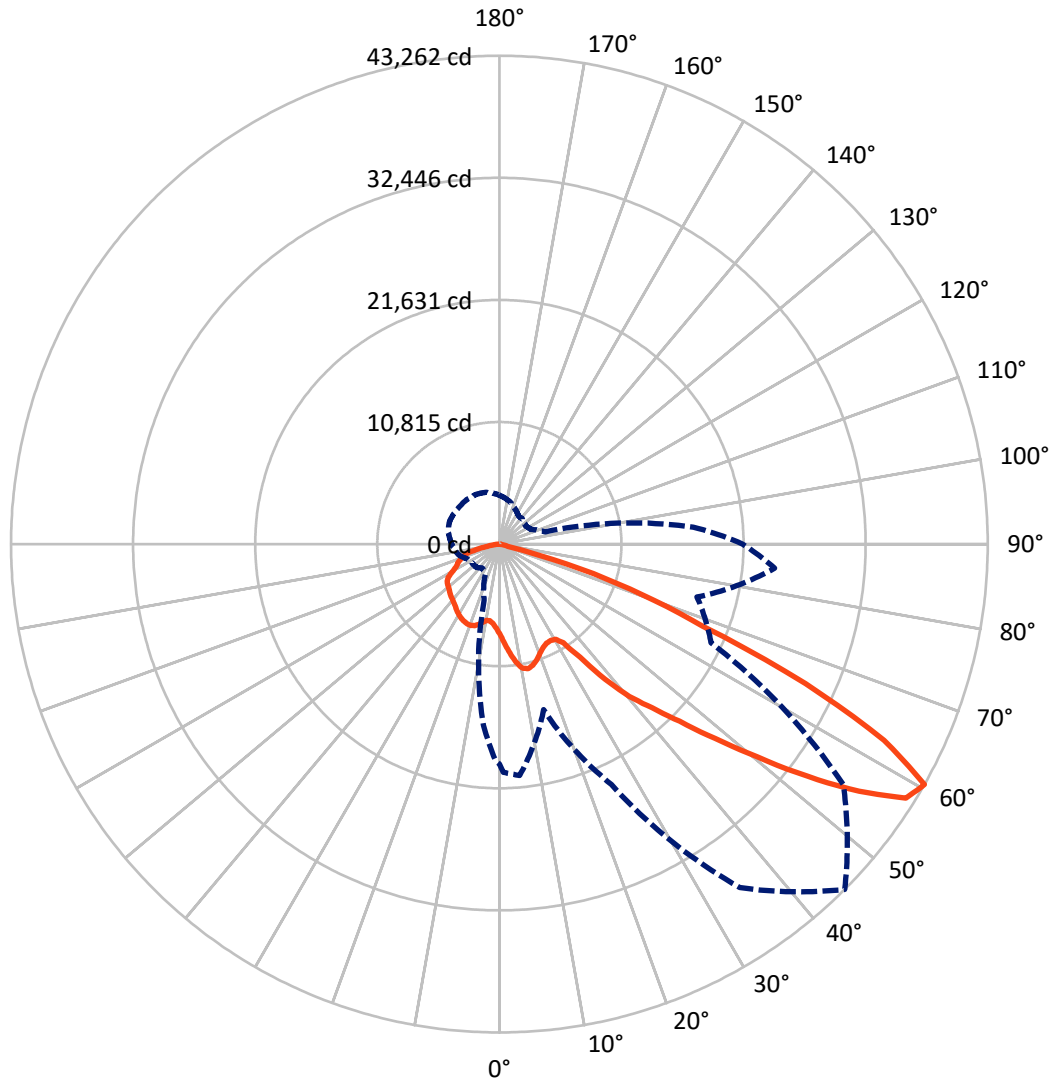
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 11.9 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	13649.8	0.0	13649.8
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	25290.0	0.0	25290.0
	% Fixture	64.9	0.0	64.9
Total	Lumens	38939.8	0.0	38939.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	780.5	2.0
10°-20°	2466.3	6.3
20°-30°	4006.2	10.3
30°-40°	5649.9	14.5
40°-50°	7808.1	20.1
50°-60°	10051.3	25.8
60°-70°	6368.6	16.4
70°-80°	1634.2	4.2
80°-90°	174.8	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°	38939.8	100.0
0°-180°	38939.8	100.0

Coefficient of Utilization



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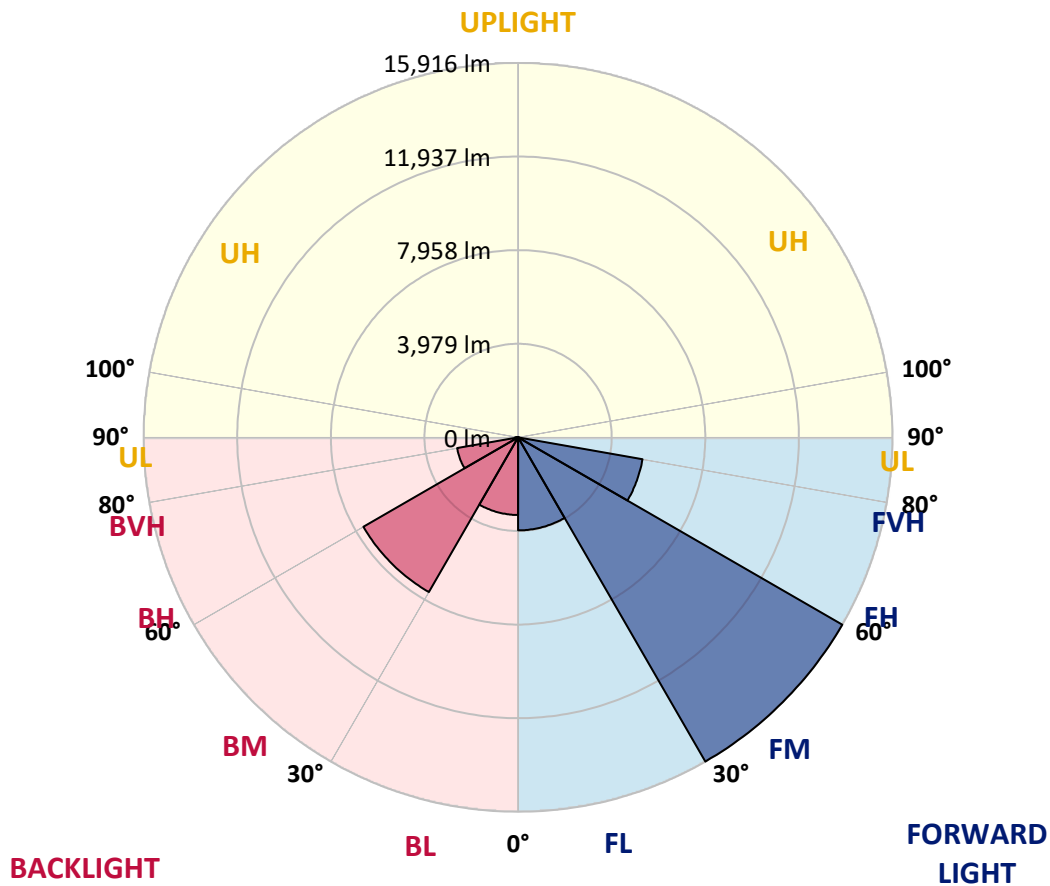
CATALOG NUMBER: GWS-SA6F-740-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3953.9	10.2			
FM (30°-60°)	15916.3	40.9			
FH (60°-80°)	5372.3	13.8			G3/7500
FVH (80°-90°)	47.5	0.1			G1/100
BL (0°-30°)	3299.1	8.5	B4/5000		
BM (30°-60°)	7593.0	19.5	B4/8500		
BH (60°-80°)	2630.4	6.8	B4/5000		G4/5000
BVH (80°-90°)	127.3	0.3			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4
2.5°	8366.9	8424.0	8459.6	8527.4	8648.7	8716.5	8791.5	8709.4	8730.8	8720.1	8588.1
5°	8862.8	8930.6	9023.4	9223.2	9448.0	9572.8	9690.6	9672.8	9562.1	9376.6	9244.6
7.5°	9326.7	9405.2	9565.7	9890.4	10222.2	10414.9	10557.6	10464.8	10372.1	10079.5	9747.7
10°	9690.6	9737.0	9954.6	10389.9	10775.3	10992.9	11167.7	11146.3	11017.9	10689.6	10243.6
12.5°	10033.1	10065.2	10300.7	10736.0	11082.1	11178.4	11321.2	11367.5	11324.7	11078.5	10639.7
15°	10400.6	10461.3	10678.9	11010.7	11167.7	11067.8	11117.8	11246.2	11367.5	11367.5	10964.4
17.5°	10743.1	10796.7	11017.9	11160.6	11010.7	10746.7	10761.0	10925.1	11214.1	11517.4	11260.5
20°	11046.4	11096.4	11314.0	11178.4	10703.9	10318.6	10307.8	10507.7	10975.1	11613.7	11578.0
22.5°	11378.2	11449.6	11631.6	11192.7	10418.5	9929.6	9926.1	10133.0	10764.5	11710.1	11942.0
25°	11849.2	11959.8	12052.6	11317.6	10265.0	9676.3	9722.7	9918.9	10696.8	11867.0	12480.7
27.5°	12548.5	12637.7	12630.6	11578.0	10257.9	9572.8	9669.2	9897.5	10818.1	12145.4	13048.0
30°	13304.9	13351.3	13276.4	11942.0	10422.0	9637.1	9779.8	10051.0	11124.9	12605.6	13882.9
32.5°	14143.4	14200.5	14057.8	12487.9	10803.8	10111.6	10425.6	10557.6	11556.6	13269.3	14767.8
35°	15106.8	15217.4	14921.2	13208.6	11927.7	11842.1	12298.8	12127.5	12473.6	14054.2	15713.3
37.5°	16120.1	16123.6	15699.0	14275.4	14132.7	14279.0	15192.4	14657.2	14418.1	14928.4	16676.7
40°	16979.9	16958.5	16305.6	15713.3	16052.3	16633.9	17736.4	16915.7	16287.8	16102.2	17475.9
42.5°	17839.8	17761.3	17101.3	16626.7	17376.0	18571.3	19816.5	18810.3	17486.6	17169.0	18264.4
45°	18938.8	18913.8	18118.1	16990.6	18571.3	20740.6	22392.5	20762.0	18196.6	17789.9	19577.4
47.5°	20712.0	20590.7	19110.0	16962.1	19691.6	23630.6	25717.9	23220.3	18692.6	17804.1	21696.8
50°	22446.1	22296.2	20294.6	16958.5	20847.6	26627.7	29642.6	26206.7	19199.2	17889.8	23851.8
52.5°	24197.9	24197.9	22239.1	17361.7	22060.7	29974.5	34177.5	29928.1	20062.7	19010.1	26502.8
55°	25239.8	25518.1	24426.3	18043.2	23480.8	33913.5	38662.5	33945.6	21397.1	21033.2	28950.5
57.5°	23916.1	24437.0	24280.0	17568.7	24319.2	36807.1	42465.9	36992.7	22057.2	21272.2	28583.0
60°	19488.2	20212.5	20572.9	15171.0	23491.5	37142.5	43261.6	37192.5	20694.2	18114.6	24483.4
62.5°	12955.3	13551.1	14100.6	10839.5	20337.4	33414.0	38262.9	33424.7	17283.2	13519.0	16962.1
65°	6354.5	6797.0	7389.3	6408.1	15888.1	27919.3	29831.8	27009.5	12502.1	7567.7	8652.3
67.5°	1662.7	1787.6	1869.6	2486.9	11381.8	20059.1	19456.1	19755.8	8031.5	2472.6	2262.1
70°	863.4	870.6	867.0	1027.6	7692.5	12748.3	13408.4	12405.8	5605.3	1034.7	892.0
72.5°	617.3	620.8	610.1	692.2	3714.3	7303.6	7567.7	7485.6	2936.4	613.7	610.1
75°	403.2	406.7	399.6	406.7	560.2	831.3	767.1	806.4	488.8	388.9	388.9
77.5°	239.1	242.6	239.1	246.2	239.1	239.1	221.2	221.2	210.5	210.5	214.1
80°	160.6	160.6	157.0	164.1	149.9	149.9	142.7	139.2	128.4	124.9	124.9
82.5°	96.3	99.9	96.3	96.3	89.2	89.2	82.1	78.5	67.8	67.8	64.2
85°	50.0	50.0	46.4	46.4	39.2	35.7	28.5	28.5	21.4	17.8	17.8
87.5°	7.1	7.1	3.6	3.6	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



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4
2.5°	8552.4	8481.1	8374.0	8270.5	8174.2	8074.3	7960.1	7842.4	7742.5	7639.0	7585.5
5°	9069.8	8923.5	8645.2	8399.0	8177.8	7995.8	7799.6	7631.9	7474.9	7346.4	7282.2
7.5°	9537.2	9308.8	8887.8	8498.9	8199.2	7949.4	7678.3	7428.5	7218.0	7061.0	7000.3
10°	9968.9	9697.7	9144.7	8652.3	8302.7	8024.4	7692.5	7353.6	7075.3	6868.3	6818.4
12.5°	10318.6	10008.1	9348.1	8777.2	8363.3	8063.6	7771.0	7478.5	7203.7	6936.1	6893.3
15°	10629.0	10261.5	9501.5	8855.7	8341.9	7960.1	7713.9	7678.3	7678.3	7375.0	7289.4
17.5°	10896.6	10493.4	9626.4	8891.4	8206.3	7653.3	7503.4	7813.8	8163.5	7945.9	7753.2
20°	11203.4	10714.6	9729.8	8891.4	7956.6	7264.4	7250.1	7778.2	8295.5	8299.1	8095.7
22.5°	11513.8	10971.5	9851.1	8859.3	7614.0	6814.8	7078.8	7635.4	8095.7	8291.9	8152.8
25°	12016.9	11328.3	10043.8	8834.3	7214.4	6508.0	6925.4	7446.3	7835.2	8042.2	7953.0
27.5°	12655.6	11799.3	10336.4	8873.5	6818.4	6326.0	6761.3	7200.2	7553.4	7735.3	7671.1
30°	13369.2	12341.6	10650.4	8941.3	6532.9	6233.2	6565.1	6918.3	7232.3	7414.2	7385.7
32.5°	14279.0	12930.3	10921.5	8848.6	6372.4	6186.9	6358.1	6611.4	6914.7	7028.9	7053.9
35°	15367.2	13579.7	11128.5	8484.6	6226.1	6136.9	6133.3	6290.3	6504.4	6686.4	6704.2
37.5°	16369.8	14339.6	11356.8	7860.2	5962.1	6012.0	5869.3	5962.1	6172.6	6354.5	6425.9
40°	17361.7	15110.3	11674.4	7064.6	5616.0	5733.7	5566.0	5630.2	5797.9	6037.0	6151.2
42.5°	18325.1	15806.1	12009.8	6251.1	5269.9	5344.8	5219.9	5284.2	5459.0	5758.7	5887.1
45°	19374.0	16748.0	12270.2	5484.0	4970.2	4938.1	4838.2	4930.9	5195.0	5523.2	5676.6
47.5°	21357.8	18232.3	12441.5	4973.7	4809.6	4577.7	4463.5	4663.3	4963.0	5294.9	5480.4
50°	23780.5	20380.2	12391.5	4649.1	4670.5	4206.6	4167.4	4431.4	4752.5	5098.6	5302.0
52.5°	25700.0	22488.9	11824.2	4338.6	4399.3	3971.1	3857.0	4242.3	4549.2	4902.4	5112.9
55°	27166.5	23198.9	10083.1	3971.1	3956.9	3799.9	3560.8	4046.1	4345.8	4674.0	4902.4
57.5°	25971.2	21618.3	7474.9	3464.5	3378.9	3460.9	3229.0	3714.3	4096.0	4420.7	4624.1
60°	21554.1	17236.8	4163.8	3068.4	2825.8	3025.6	2990.0	3364.6	3824.9	4167.4	4342.2
62.5°	14632.2	11478.1	2469.0	2426.2	2290.6	2576.1	2765.2	3011.4	3464.5	3742.8	3906.9
65°	7292.9	5576.7	1641.3	1816.1	1833.9	2119.4	2476.2	2747.3	3125.5	3411.0	3575.1
67.5°	2115.8	1734.0	1248.8	1387.9	1580.6	1809.0	2094.4	2415.5	2783.0	3122.0	3314.6
70°	913.4	924.1	991.9	1156.0	1345.1	1580.6	1866.0	2180.0	2490.4	2750.9	2897.2
72.5°	645.8	670.8	745.7	913.4	1091.8	1316.6	1602.0	1905.3	2130.1	2394.1	2547.5
75°	413.9	431.7	492.4	620.8	752.8	970.5	1241.7	1520.0	1751.9	1941.0	2087.3
77.5°	228.3	231.9	281.9	356.8	446.0	585.1	785.0	1002.6	1173.9	1280.9	1412.9
80°	132.0	132.0	157.0	203.4	256.9	342.5	453.1	560.2	663.6	731.4	795.7
82.5°	71.4	71.4	82.1	110.6	139.2	189.1	253.3	306.8	371.1	406.7	449.6
85°	21.4	21.4	28.5	39.2	50.0	71.4	99.9	128.4	157.0	182.0	206.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
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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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4
2.5°	7574.8	7524.8	7496.3	7460.6	7471.3	7439.2	7421.4	7432.1	7367.8	7432.1	7496.3
5°	7257.2	7185.9	7128.8	7082.4	7061.0	7018.2	6993.2	6993.2	6954.0	7018.2	7096.7
7.5°	6978.9	6921.9	6893.3	6864.8	6832.7	6793.4	6750.6	6736.3	6711.3	6779.1	6846.9
10°	6793.4	6800.5	6818.4	6857.6	6850.5	6825.5	6761.3	6725.6	6725.6	6804.1	6907.6
12.5°	6879.0	6954.0	6996.8	7068.1	7082.4	7061.0	6996.8	6968.2	7039.6	7157.3	7328.6
15°	7210.9	7260.8	7296.5	7353.6	7350.0	7332.2	7282.2	7303.6	7539.1	7767.5	7920.9
17.5°	7571.2	7514.1	7507.0	7542.7	7553.4	7532.0	7503.4	7599.8	7988.7	8202.8	8281.2
20°	7831.7	7635.4	7592.6	7606.9	7635.4	7624.7	7624.7	7781.7	8184.9	8284.8	8184.9
22.5°	7910.2	7631.9	7567.7	7571.2	7610.5	7614.0	7631.9	7796.0	8031.5	8035.1	7881.6
25°	7785.3	7517.7	7471.3	7478.5	7524.8	7521.3	7528.4	7621.2	7724.6	7681.8	7567.7
27.5°	7549.8	7317.9	7303.6	7342.9	7403.5	7371.4	7350.0	7375.0	7424.9	7371.4	7271.5
30°	7282.2	7086.0	7093.1	7168.0	7232.3	7178.7	7125.2	7139.5	7143.1	7086.0	6971.8
32.5°	7000.3	6854.1	6879.0	6957.5	7032.5	6975.4	6918.3	6911.1	6843.4	6775.6	6665.0
35°	6718.5	6661.4	6693.5	6757.7	6821.9	6775.6	6739.9	6718.5	6572.2	6472.3	6379.5
37.5°	6461.6	6504.4	6561.5	6600.7	6622.1	6618.6	6597.2	6547.2	6354.5	6236.8	6115.5
40°	6233.2	6365.2	6425.9	6443.7	6475.9	6468.7	6465.2	6393.8	6140.5	6015.6	5876.4
42.5°	6026.3	6211.8	6315.3	6333.1	6351.0	6354.5	6343.8	6240.4	5951.4	5805.1	5673.1
45°	5826.5	6069.1	6201.1	6183.3	6208.3	6208.3	6219.0	6083.4	5765.8	5616.0	5476.8
47.5°	5651.7	5937.1	6058.4	6037.0	6051.3	6062.0	6072.7	5915.7	5562.5	5419.7	5277.0
50°	5491.1	5794.4	5897.8	5905.0	5905.0	5930.0	5926.4	5773.0	5391.2	5237.8	5095.1
52.5°	5319.8	5648.1	5758.7	5805.1	5819.3	5830.1	5780.1	5601.7	5216.4	5030.8	4898.8
55°	5120.0	5498.2	5598.1	5658.8	5687.3	5680.2	5612.4	5430.4	5038.0	4852.4	4702.6
57.5°	4816.8	5177.1	5319.8	5348.4	5394.8	5366.2	5287.7	5134.3	4752.5	4567.0	4413.6
60°	4484.9	4745.4	4859.6	4884.5	4848.9	4859.6	4848.9	4702.6	4370.8	4224.5	4067.5
62.5°	4049.6	4281.6	4402.9	4435.0	4374.3	4413.6	4399.3	4217.3	3885.5	3732.1	3592.9
65°	3721.4	3974.7	4117.4	4135.3	4117.4	4135.3	4085.3	3864.1	3550.1	3393.1	3250.4
67.5°	3464.5	3725.0	3874.8	3924.8	3906.9	3903.4	3824.9	3568.0	3243.3	3072.0	2890.1
70°	3022.1	3250.4	3443.1	3564.4	3564.4	3496.6	3346.8	3107.7	2847.2	2700.9	2558.2
72.5°	2676.0	2965.0	3154.1	3279.0	3303.9	3264.7	3054.2	2800.9	2501.1	2354.9	2205.0
75°	2205.0	2486.9	2690.2	2854.4	2886.5	2843.7	2601.0	2351.3	2073.0	1930.3	1780.4
77.5°	1473.6	1641.3	1805.4	1955.2	1923.1	1951.7	1787.6	1598.4	1427.2	1320.1	1252.4
80°	831.3	941.9	991.9	1074.0	1074.0	1074.0	966.9	877.7	781.4	720.7	652.9
82.5°	471.0	542.3	563.7	631.5	649.4	652.9	581.6	524.5	463.8	431.7	385.3
85°	217.6	256.9	260.5	299.7	314.0	342.5	310.4	271.2	235.5	221.2	192.7
87.5°	7.1	21.4	28.5	53.5	71.4	82.1	89.2	89.2	74.9	67.8	57.1
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: P643709

CATALOG NUMBER: GWS-SA6F-740-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4	7999.4
2.5°	7574.8	7660.4	7760.3	7831.7	7960.1	8067.2	8177.8	8299.1	8388.3	8366.9
5°	7193.0	7335.7	7517.7	7685.4	7924.4	8167.1	8434.7	8709.4	8870.0	8862.8
7.5°	6978.9	7182.3	7403.5	7628.3	7910.2	8259.8	8670.2	9098.3	9316.0	9326.7
10°	7093.1	7310.8	7460.6	7649.7	7945.9	8384.7	8877.1	9390.9	9640.6	9690.6
12.5°	7453.5	7435.6	7424.9	7560.5	7917.3	8473.9	9076.9	9690.6	9972.5	10033.1
15°	7796.0	7428.5	7207.3	7300.1	7788.9	8531.0	9273.1	10018.8	10336.4	10400.6
17.5°	7860.2	7303.6	6893.3	6957.5	7585.5	8548.8	9462.2	10340.0	10682.5	10743.1
20°	7681.8	7143.1	6665.0	6575.8	7328.6	8502.5	9580.0	10607.6	10982.2	11046.4
22.5°	7457.0	7000.3	6493.7	6261.8	7014.6	8456.1	9712.0	10889.4	11321.2	11378.2
25°	7221.6	6818.4	6333.1	5979.9	6657.8	8427.5	9933.2	11260.5	11781.4	11849.2
27.5°	6971.8	6597.2	6194.0	5844.3	6329.6	8463.2	10247.2	11859.9	12452.2	12548.5
30°	6704.2	6376.0	6104.8	5797.9	6104.8	8495.3	10593.3	12473.6	13169.4	13304.9
32.5°	6425.9	6172.6	6012.0	5819.3	5965.6	8420.4	10896.6	13162.2	14025.7	14143.4
35°	6147.6	5965.6	5894.3	5858.6	5780.1	8145.7	11142.8	13858.0	15003.3	15106.8
37.5°	5887.1	5751.6	5730.2	5769.4	5494.7	7696.1	11428.2	14742.8	15963.1	16120.1
40°	5644.5	5519.6	5516.1	5508.9	5180.7	7082.4	11813.5	15642.0	16908.6	16979.9
42.5°	5419.7	5262.7	5291.3	5205.7	4923.8	6418.8	12177.5	16409.1	17789.9	17839.8
45°	5219.9	5013.0	5045.1	4938.1	4802.5	5723.0	12498.6	17315.3	18906.6	18938.8
47.5°	5027.3	4806.0	4716.8	4709.7	4781.1	5080.8	12812.6	19060.1	20654.9	20712.0
50°	4848.9	4609.8	4356.5	4513.5	4649.1	4599.1	13205.0	20929.7	22460.3	22446.1
52.5°	4677.6	4363.6	4003.3	4306.5	4306.5	4242.3	13094.4	22064.3	23951.7	24197.9
55°	4481.4	3967.6	3635.8	3960.4	3803.5	3921.2	11135.6	22435.4	24890.1	25239.8
57.5°	4092.5	3478.8	3189.8	3364.6	3129.1	3635.8	7999.4	20594.3	23295.2	23916.1
60°	3717.8	3118.4	2929.3	2897.2	2590.3	2965.0	5184.3	16123.6	19174.2	19488.2
62.5°	3279.0	2808.0	2647.4	2401.2	2083.7	2158.6	3139.8	10611.1	12883.9	12955.3
65°	2947.1	2544.0	2237.1	1944.5	1705.5	1566.3	1855.3	5116.5	6440.2	6354.5
67.5°	2529.7	2180.0	1887.5	1676.9	1480.7	1305.9	1234.5	1520.0	1719.8	1662.7
70°	2251.4	1916.0	1634.1	1434.3	1252.4	1077.5	952.6	895.6	877.7	863.4
72.5°	1941.0	1648.4	1355.8	1163.2	991.9	831.3	717.2	649.4	631.5	617.3
75°	1548.5	1273.8	1006.2	824.2	674.3	560.2	485.2	428.2	417.5	403.2
77.5°	1024.0	817.1	599.4	488.8	399.6	339.0	289.0	253.3	246.2	239.1
80°	563.7	471.0	367.5	296.1	239.1	206.9	189.1	167.7	164.1	160.6
82.5°	335.4	281.9	210.5	167.7	139.2	124.9	114.2	103.5	99.9	96.3
85°	167.7	132.0	92.8	78.5	71.4	64.2	64.2	53.5	50.0	50.0
87.5°	42.8	35.7	21.4	17.8	17.8	17.8	14.3	10.7	10.7	7.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)