

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: P643819

Luminaire Tested: GWS-SA6F-760-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643819
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-760-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) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39286.2 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G4

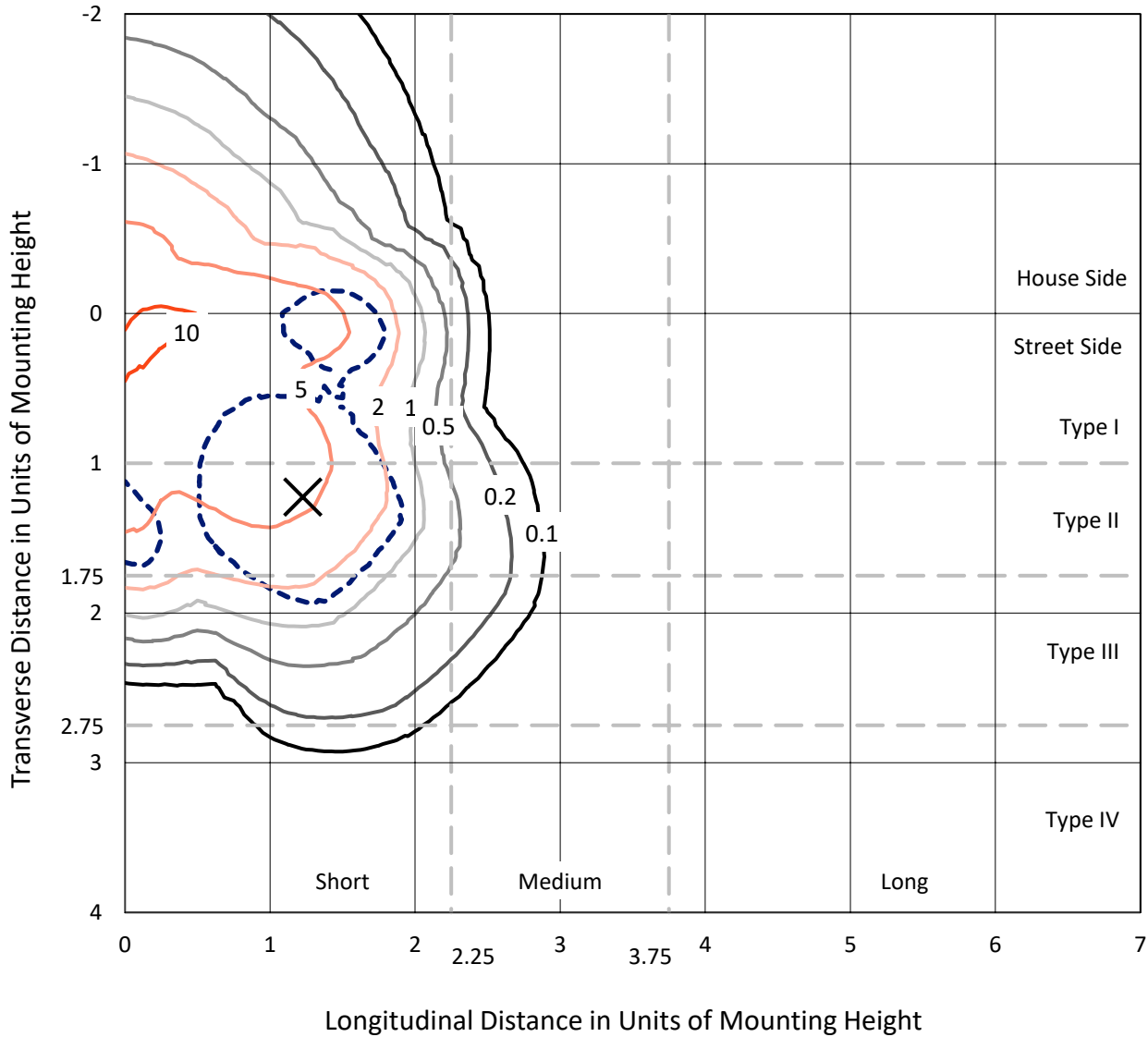
Input Watts (W): 372.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P643819
 CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

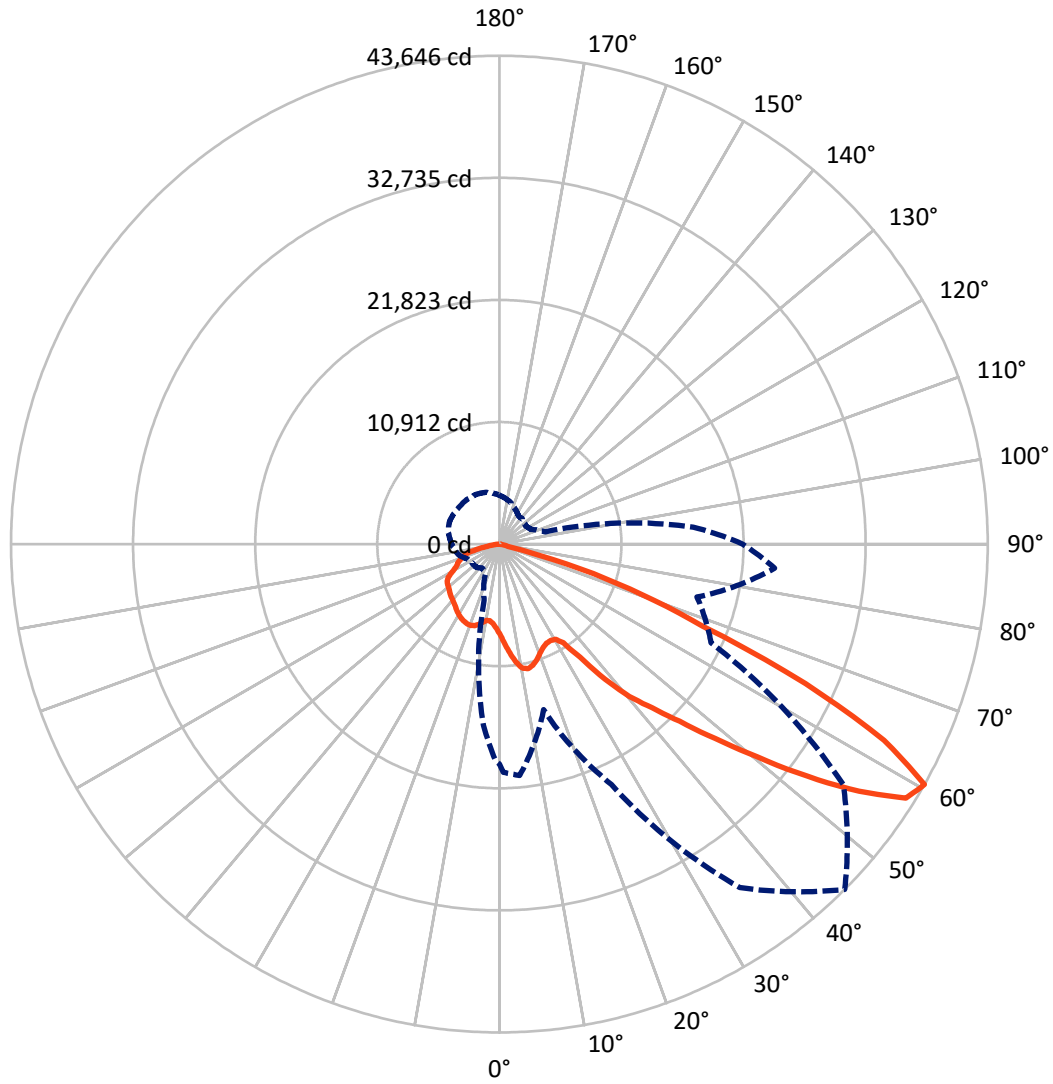
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12 fc
 Type III - Short - N/A

REPORT NUMBER: P643819
CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

Luminous Intensity Polar Plot



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

REPORT NUMBER: P643819

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13771.2	0.0	13771.2
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	25515.0	0.0	25515.0
	% Fixture	64.9	0.0	64.9
Total	Lumens	39286.2	0.0	39286.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	787.4	2.0
10°-20°	2488.2	6.3
20°-30°	4041.9	10.3
30°-40°	5700.2	14.5
40°-50°	7877.5	20.1
50°-60°	10140.7	25.8
60°-70°	6425.3	16.4
70°-80°	1648.7	4.2
80°-90°	176.3	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°	39286.2	100.0
0°-180°	39286.2	100.0

Coefficient of Utilization



REPORT NUMBER: P643819

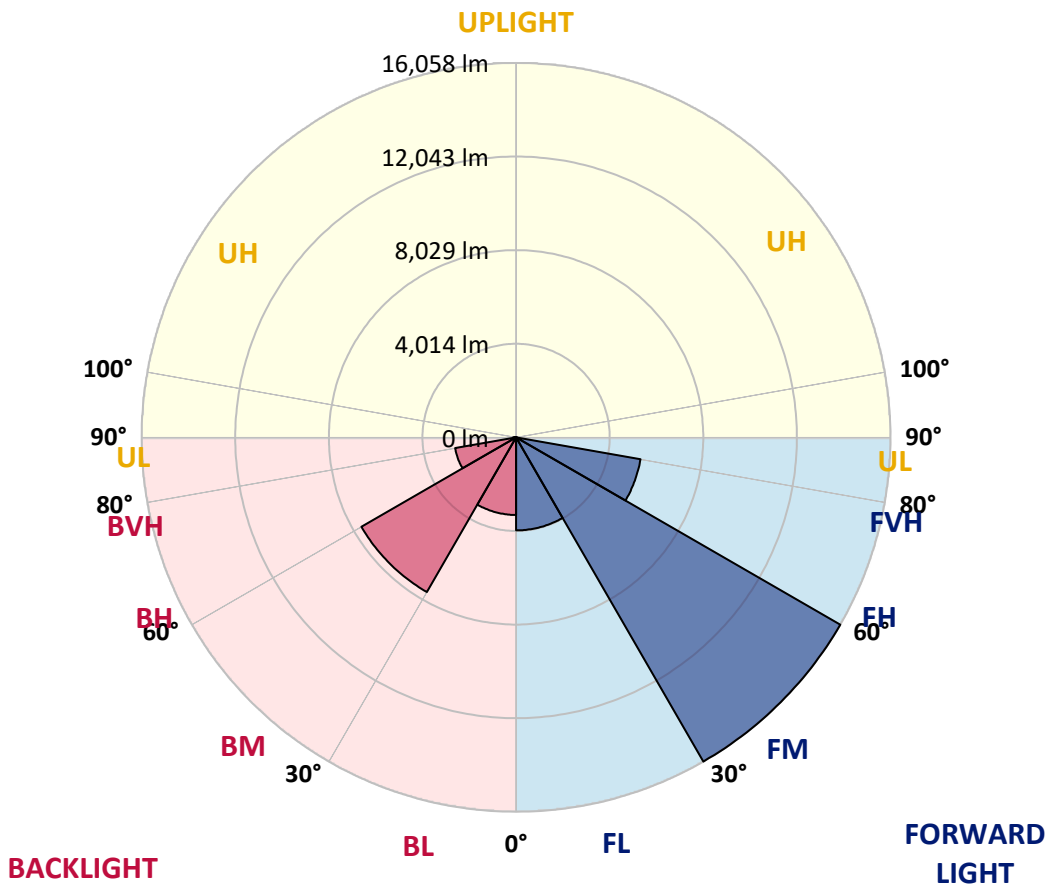
CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3989.0	10.2			
FM (30°-60°)	16057.9	40.9			
FH (60°-80°)	5420.1	13.8			G3/7500
FVH (80°-90°)	47.9	0.1			G1/100
BL (0°-30°)	3328.5	8.5	B4/5000		
BM (30°-60°)	7660.5	19.5	B4/8500		
BH (60°-80°)	2653.8	6.8	B4/5000		G4/5000
BVH (80°-90°)	128.4	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





REPORT NUMBER: P643819

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5
2.5°	8441.3	8498.9	8534.9	8603.3	8725.7	8794.1	8869.7	8786.9	8808.5	8797.7	8664.5
5°	8941.7	9010.1	9103.7	9305.2	9532.0	9658.0	9776.8	9758.8	9647.2	9460.0	9326.8
7.5°	9409.6	9488.8	9650.8	9978.4	10313.2	10507.5	10651.5	10557.9	10464.3	10169.2	9834.4
10°	9776.8	9823.6	10043.2	10482.3	10871.1	11090.7	11267.1	11245.5	11115.9	10784.7	10334.8
12.5°	10122.4	10154.8	10392.3	10831.5	11180.7	11277.9	11421.9	11468.7	11425.5	11177.1	10734.3
15°	10493.1	10554.3	10773.9	11108.7	11267.1	11166.3	11216.7	11346.3	11468.7	11468.7	11061.9
17.5°	10838.7	10892.7	11115.9	11259.9	11108.7	10842.3	10856.7	11022.3	11313.9	11619.8	11360.7
20°	11144.7	11195.1	11414.7	11277.9	10799.1	10410.3	10399.5	10601.1	11072.7	11717.0	11681.0
22.5°	11479.5	11551.5	11735.0	11292.3	10511.1	10018.0	10014.4	10223.2	10860.3	11814.2	12048.2
25°	11954.6	12066.2	12159.8	11418.3	10356.3	9762.4	9809.2	10007.2	10791.9	11972.6	12591.8
27.5°	12660.2	12750.2	12743.0	11681.0	10349.1	9658.0	9755.2	9985.6	10914.3	12253.4	13164.1
30°	13423.3	13470.1	13394.5	12048.2	10514.7	9722.8	9866.8	10140.4	11223.9	12717.8	14006.4
32.5°	14269.2	14326.8	14182.8	12599.0	10899.9	10201.6	10518.3	10651.5	11659.4	13387.3	14899.2
35°	15241.1	15352.7	15054.0	13326.1	12033.8	11947.4	12408.2	12235.4	12584.6	14179.2	15853.1
37.5°	16263.5	16267.1	15838.7	14402.4	14258.4	14406.0	15327.5	14787.6	14546.4	15061.2	16825.0
40°	17131.0	17109.4	16450.6	15853.1	16195.1	16781.8	17894.1	17066.2	16432.6	16245.5	17631.4
42.5°	17998.5	17919.3	17253.4	16774.6	17530.6	18736.5	19992.8	18977.6	17642.2	17321.8	18426.9
45°	19107.2	19082.0	18279.3	17141.8	18736.5	20925.1	22591.7	20946.7	18358.5	17948.1	19751.6
47.5°	20896.3	20773.9	19280.0	17113.0	19866.8	23840.8	25946.7	23426.9	18858.9	17962.5	21889.8
50°	22645.7	22494.6	20475.1	17109.4	21033.1	26864.6	29906.3	26439.8	19370.0	18048.9	24064.0
52.5°	24413.2	24413.2	22437.0	17516.2	22257.0	30241.1	34481.6	30194.3	20241.1	19179.2	26738.6
55°	25464.3	25745.1	24643.6	18203.7	23689.7	34215.2	39006.4	34247.6	21587.4	21220.3	29208.0
57.5°	24128.8	24654.4	24496.0	17724.9	24535.6	37134.5	42843.7	37321.7	22253.4	21461.4	28837.2
60°	19661.6	20392.3	20755.9	15305.9	23700.5	37472.9	43646.4	37523.3	20878.3	18275.7	24701.2
62.5°	13070.5	13671.7	14226.0	10935.9	20518.3	33711.2	38603.2	33722.0	17437.0	13639.3	17113.0
65°	6411.1	6857.4	7455.0	6465.1	16029.5	28167.7	30097.1	27249.8	12613.4	7635.0	8729.3
67.5°	1677.5	1803.5	1886.2	2509.0	11483.1	20237.5	19629.2	19931.6	8102.9	2494.6	2282.2
70°	871.1	878.3	874.7	1036.7	7761.0	12861.7	13527.7	12516.2	5655.1	1043.9	899.9
72.5°	622.7	626.3	615.5	698.3	3747.3	7368.6	7635.0	7552.2	2962.6	619.1	615.5
75°	406.8	410.4	403.2	410.4	565.2	838.7	773.9	813.5	493.2	392.4	392.4
77.5°	241.2	244.8	241.2	248.4	241.2	241.2	223.2	223.2	212.4	212.4	216.0
80°	162.0	162.0	158.4	165.6	151.2	151.2	144.0	140.4	129.6	126.0	126.0
82.5°	97.2	100.8	97.2	97.2	90.0	90.0	82.8	79.2	68.4	68.4	64.8
85°	50.4	50.4	46.8	46.8	39.6	36.0	28.8	28.8	21.6	18.0	18.0
87.5°	7.2	7.2	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



REPORT NUMBER: P643819

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5
2.5°	8628.5	8556.5	8448.5	8344.1	8246.9	8146.1	8030.9	7912.1	7811.4	7707.0	7653.0
5°	9150.4	9002.9	8722.1	8473.7	8250.5	8066.9	7869.0	7699.8	7541.4	7411.8	7347.0
7.5°	9622.0	9391.6	8966.9	8574.5	8272.1	8020.1	7746.6	7494.6	7282.2	7123.8	7062.6
10°	10057.6	9784.0	9226.0	8729.3	8376.5	8095.7	7761.0	7419.0	7138.2	6929.4	6879.0
12.5°	10410.3	10097.2	9431.2	8855.3	8437.7	8135.3	7840.2	7545.0	7267.8	6997.8	6954.6
15°	10723.5	10352.7	9586.0	8934.5	8416.1	8030.9	7782.6	7446.6	7146.6	6944.6	6854.2
17.5°	10993.5	10586.7	9712.0	8970.5	8279.3	7721.4	7570.2	7883.4	8236.1	8016.5	7822.2
20°	11303.1	10809.9	9816.4	8970.5	8027.3	7329.0	7314.6	7847.4	8369.3	8372.9	8167.7
22.5°	11616.2	11069.1	9938.8	8938.1	7681.8	6875.4	7141.8	7703.4	8167.7	8365.7	8225.3
25°	12123.8	11429.1	10133.2	8912.9	7278.6	6565.9	6987.0	7512.6	7905.0	8113.7	8023.7
27.5°	12768.2	11904.2	10428.3	8952.5	6879.0	6382.3	6821.4	7264.2	7620.6	7804.2	7739.4
30°	13488.1	12451.4	10745.1	9020.9	6591.1	6288.7	6623.5	6979.8	7296.6	7480.2	7451.4
32.5°	14406.0	13045.3	11018.7	8927.3	6429.1	6241.9	6414.7	6670.3	6976.2	7091.4	7116.6
35°	15503.9	13700.5	11227.5	8560.1	6281.5	6191.5	6187.9	6346.3	6562.3	6745.8	6763.8
37.5°	16515.4	14467.2	11457.9	7930.1	6015.1	6065.5	5921.5	6015.1	6227.5	6411.1	6483.1
40°	17516.2	15244.7	11778.2	7127.4	5665.9	5784.7	5615.5	5680.3	5849.5	6090.7	6205.9
42.5°	18488.1	15946.7	12116.6	6306.7	5316.8	5392.4	5266.4	5331.2	5507.5	5809.9	5939.5
45°	19546.4	16897.0	12379.4	5532.7	5014.4	4982.0	4881.2	4974.8	5241.2	5572.3	5727.1
47.5°	21547.8	18394.5	12552.2	5018.0	4852.4	4618.4	4503.2	4704.8	5007.2	5342.0	5529.1
50°	23992.0	20561.5	12501.8	4690.4	4712.0	4244.1	4204.5	4470.8	4794.8	5144.0	5349.2
52.5°	25928.7	22688.9	11929.4	4377.2	4438.4	4006.5	3891.3	4280.0	4589.6	4946.0	5158.4
55°	27408.1	23405.3	10172.8	4006.5	3992.1	3833.7	3592.5	4082.1	4384.4	4715.6	4946.0
57.5°	26202.2	21810.6	7541.4	3495.3	3408.9	3491.7	3257.7	3747.3	4132.5	4460.0	4665.2
60°	21745.8	17390.2	4200.9	3095.7	2851.0	3052.5	3016.6	3394.5	3858.9	4204.5	4380.8
62.5°	14762.4	11580.2	2491.0	2447.8	2311.0	2599.0	2789.8	3038.2	3495.3	3776.1	3941.7
65°	7357.8	5626.3	1655.9	1832.2	1850.2	2138.2	2498.2	2771.8	3153.3	3441.3	3606.9
67.5°	2134.6	1749.5	1259.9	1400.3	1594.7	1825.1	2113.0	2437.0	2807.8	3149.7	3344.1
70°	921.5	932.3	1000.7	1166.3	1357.1	1594.7	1882.6	2199.4	2512.6	2775.4	2923.0
72.5°	651.5	676.7	752.3	921.5	1101.5	1328.3	1616.3	1922.2	2149.0	2415.4	2570.2
75°	417.6	435.6	496.8	626.3	759.5	979.1	1252.7	1533.5	1767.5	1958.2	2105.8
77.5°	230.4	234.0	284.4	360.0	450.0	590.4	791.9	1011.5	1184.3	1292.3	1425.5
80°	133.2	133.2	158.4	205.2	259.2	345.6	457.2	565.2	669.5	737.9	802.7
82.5°	72.0	72.0	82.8	111.6	140.4	190.8	255.6	309.6	374.4	410.4	453.6
85°	21.6	21.6	28.8	39.6	50.4	72.0	100.8	129.6	158.4	183.6	208.8
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



REPORT NUMBER: P643819

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5
2.5°	7642.2	7591.8	7563.0	7527.0	7537.8	7505.4	7487.4	7498.2	7433.4	7498.2	7563.0
5°	7321.8	7249.8	7192.2	7145.4	7123.8	7080.6	7055.4	7055.4	7015.8	7080.6	7159.8
7.5°	7041.0	6983.4	6954.6	6925.8	6893.4	6853.8	6810.6	6796.2	6771.0	6839.4	6907.8
10°	6853.8	6861.0	6879.0	6918.6	6911.4	6886.2	6821.4	6785.4	6785.4	6864.6	6969.0
12.5°	6940.2	7015.8	7059.0	7131.0	7145.4	7123.8	7059.0	7030.2	7102.2	7221.0	7393.8
15°	7275.0	7325.4	7361.4	7419.0	7415.4	7397.4	7347.0	7368.6	7606.2	7836.6	7991.3
17.5°	7638.6	7581.0	7573.8	7609.8	7620.6	7599.0	7570.2	7667.4	8059.7	8275.7	8354.9
20°	7901.4	7703.4	7660.2	7674.6	7703.4	7692.6	7692.6	7851.0	8257.7	8358.5	8257.7
22.5°	7980.5	7699.8	7635.0	7638.6	7678.2	7681.8	7699.8	7865.4	8102.9	8106.5	7951.7
25°	7854.6	7584.6	7537.8	7545.0	7591.8	7588.2	7595.4	7689.0	7793.4	7750.2	7635.0
27.5°	7617.0	7383.0	7368.6	7408.2	7469.4	7437.0	7415.4	7440.6	7491.0	7437.0	7336.2
30°	7347.0	7149.0	7156.2	7231.8	7296.6	7242.6	7188.6	7203.0	7206.6	7149.0	7033.8
32.5°	7062.6	6915.0	6940.2	7019.4	7095.0	7037.4	6979.8	6972.6	6904.2	6835.8	6724.2
35°	6778.2	6720.6	6753.0	6817.8	6882.6	6835.8	6799.8	6778.2	6630.7	6529.9	6436.3
37.5°	6519.1	6562.3	6619.9	6659.5	6681.1	6677.5	6655.9	6605.5	6411.1	6292.3	6169.9
40°	6288.7	6421.9	6483.1	6501.1	6533.5	6526.3	6522.7	6450.7	6195.1	6069.1	5928.7
42.5°	6079.9	6267.1	6371.5	6389.5	6407.5	6411.1	6400.3	6295.9	6004.3	5856.7	5723.5
45°	5878.3	6123.1	6256.3	6238.3	6263.5	6263.5	6274.3	6137.5	5817.1	5665.9	5525.5
47.5°	5701.9	5989.9	6112.3	6090.7	6105.1	6115.9	6126.7	5968.3	5611.9	5468.0	5324.0
50°	5539.9	5845.9	5950.3	5957.5	5957.5	5982.7	5979.1	5824.3	5439.2	5284.4	5140.4
52.5°	5367.2	5698.3	5809.9	5856.7	5871.1	5881.9	5831.5	5651.5	5262.8	5075.6	4942.4
55°	5165.6	5547.1	5647.9	5709.1	5737.9	5730.7	5662.3	5478.7	5082.8	4895.6	4744.4
57.5°	4859.6	5223.2	5367.2	5396.0	5442.8	5414.0	5334.8	5180.0	4794.8	4607.6	4452.8
60°	4524.8	4787.6	4902.8	4928.0	4892.0	4902.8	4892.0	4744.4	4409.6	4262.0	4103.7
62.5°	4085.7	4319.6	4442.0	4474.4	4413.2	4452.8	4438.4	4254.9	3920.1	3765.3	3624.9
65°	3754.5	4010.1	4154.1	4172.1	4154.1	4172.1	4121.7	3898.5	3581.7	3423.3	3279.3
67.5°	3495.3	3758.1	3909.3	3959.7	3941.7	3938.1	3858.9	3599.7	3272.1	3099.3	2915.8
70°	3048.9	3279.3	3473.7	3596.1	3596.1	3527.7	3376.5	3135.3	2872.6	2725.0	2581.0
72.5°	2699.8	2991.4	3182.1	3308.1	3333.3	3293.7	3081.3	2825.8	2523.4	2375.8	2224.6
75°	2224.6	2509.0	2714.2	2879.8	2912.2	2869.0	2624.2	2372.2	2091.4	1947.4	1796.3
77.5°	1486.7	1655.9	1821.5	1972.6	1940.2	1969.0	1803.5	1612.7	1439.9	1331.9	1263.5
80°	838.7	950.3	1000.7	1083.5	1083.5	1083.5	975.5	885.5	788.3	727.1	658.7
82.5°	475.2	547.2	568.8	637.1	655.1	658.7	586.8	529.2	468.0	435.6	388.8
85°	219.6	259.2	262.8	302.4	316.8	345.6	313.2	273.6	237.6	223.2	194.4
87.5°	7.2	21.6	28.8	54.0	72.0	82.8	90.0	90.0	75.6	68.4	57.6
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: P643819

CATALOG NUMBER: GWS-SA6F-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5	8070.5
2.5°	7642.2	7728.6	7829.4	7901.4	8030.9	8138.9	8250.5	8372.9	8462.9	8441.3
5°	7257.0	7401.0	7584.6	7753.8	7994.9	8239.7	8509.7	8786.9	8948.9	8941.7
7.5°	7041.0	7246.2	7469.4	7696.2	7980.5	8333.3	8747.3	9179.2	9398.8	9409.6
10°	7156.2	7375.8	7527.0	7717.8	8016.5	8459.3	8956.1	9474.4	9726.4	9776.8
12.5°	7519.8	7501.8	7491.0	7627.8	7987.7	8549.3	9157.6	9776.8	10061.2	10122.4
15°	7865.4	7494.6	7271.4	7365.0	7858.2	8606.9	9355.6	10108.0	10428.3	10493.1
17.5°	7930.1	7368.6	6954.6	7019.4	7653.0	8624.9	9546.4	10431.9	10777.5	10838.7
20°	7750.2	7206.6	6724.2	6634.3	7393.8	8578.1	9665.2	10701.9	11079.9	11144.7
22.5°	7523.4	7062.6	6551.5	6317.5	7077.0	8531.3	9798.4	10986.3	11421.9	11479.5
25°	7285.8	6879.0	6389.5	6033.1	6717.0	8502.5	10021.6	11360.7	11886.2	11954.6
27.5°	7033.8	6655.9	6249.1	5896.3	6385.9	8538.5	10338.4	11965.4	12563.0	12660.2
30°	6763.8	6432.7	6159.1	5849.5	6159.1	8570.9	10687.5	12584.6	13286.5	13423.3
32.5°	6483.1	6227.5	6065.5	5871.1	6018.7	8495.3	10993.5	13279.3	14150.4	14269.2
35°	6202.3	6018.7	5946.7	5910.7	5831.5	8218.1	11241.9	13981.3	15136.8	15241.1
37.5°	5939.5	5802.7	5781.1	5820.7	5543.5	7764.6	11529.9	14874.0	16105.1	16263.5
40°	5694.7	5568.7	5565.1	5557.9	5226.8	7145.4	11918.6	15781.1	17059.0	17131.0
42.5°	5468.0	5309.6	5338.4	5252.0	4967.6	6475.9	12285.8	16555.0	17948.1	17998.5
45°	5266.4	5057.6	5090.0	4982.0	4845.2	5773.9	12609.8	17469.4	19074.8	19107.2
47.5°	5072.0	4848.8	4758.8	4751.6	4823.6	5126.0	12926.5	19229.6	20838.7	20896.3
50°	4892.0	4650.8	4395.2	4553.6	4690.4	4640.0	13322.5	21115.9	22660.1	22645.7
52.5°	4719.2	4402.4	4038.9	4344.8	4344.8	4280.0	13210.9	22260.6	24164.8	24413.2
55°	4521.2	4002.9	3668.1	3995.7	3837.3	3956.1	11234.7	22634.9	25111.5	25464.3
57.5°	4128.9	3509.7	3218.1	3394.5	3156.9	3668.1	8070.5	20777.5	23502.5	24128.8
60°	3750.9	3146.1	2955.4	2923.0	2613.4	2991.4	5230.4	16267.1	19344.8	19661.6
62.5°	3308.1	2833.0	2671.0	2422.6	2102.2	2177.8	3167.7	10705.5	12998.5	13070.5
65°	2973.4	2566.6	2257.0	1961.8	1720.7	1580.3	1871.8	5162.0	6497.5	6411.1
67.5°	2552.2	2199.4	1904.2	1691.9	1493.9	1317.5	1245.5	1533.5	1735.1	1677.5
70°	2271.4	1933.0	1648.7	1447.1	1263.5	1087.1	961.1	903.5	885.5	871.1
72.5°	1958.2	1663.1	1367.9	1173.5	1000.7	838.7	723.5	655.1	637.1	622.7
75°	1562.3	1285.1	1015.1	831.5	680.3	565.2	489.6	432.0	421.2	406.8
77.5°	1033.1	824.3	604.8	493.2	403.2	342.0	291.6	255.6	248.4	241.2
80°	568.8	475.2	370.8	298.8	241.2	208.8	190.8	169.2	165.6	162.0
82.5°	338.4	284.4	212.4	169.2	140.4	126.0	115.2	104.4	100.8	97.2
85°	169.2	133.2	93.6	79.2	72.0	64.8	64.8	54.0	50.4	50.4
87.5°	43.2	36.0	21.6	18.0	18.0	18.0	14.4	10.8	10.8	7.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)