

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: P643324

Luminaire Tested: GWS-SA6E-760-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P643324
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-SAGE-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: 35335.1 lumens
Efficiency: N/A
Efficacy: 109.1 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

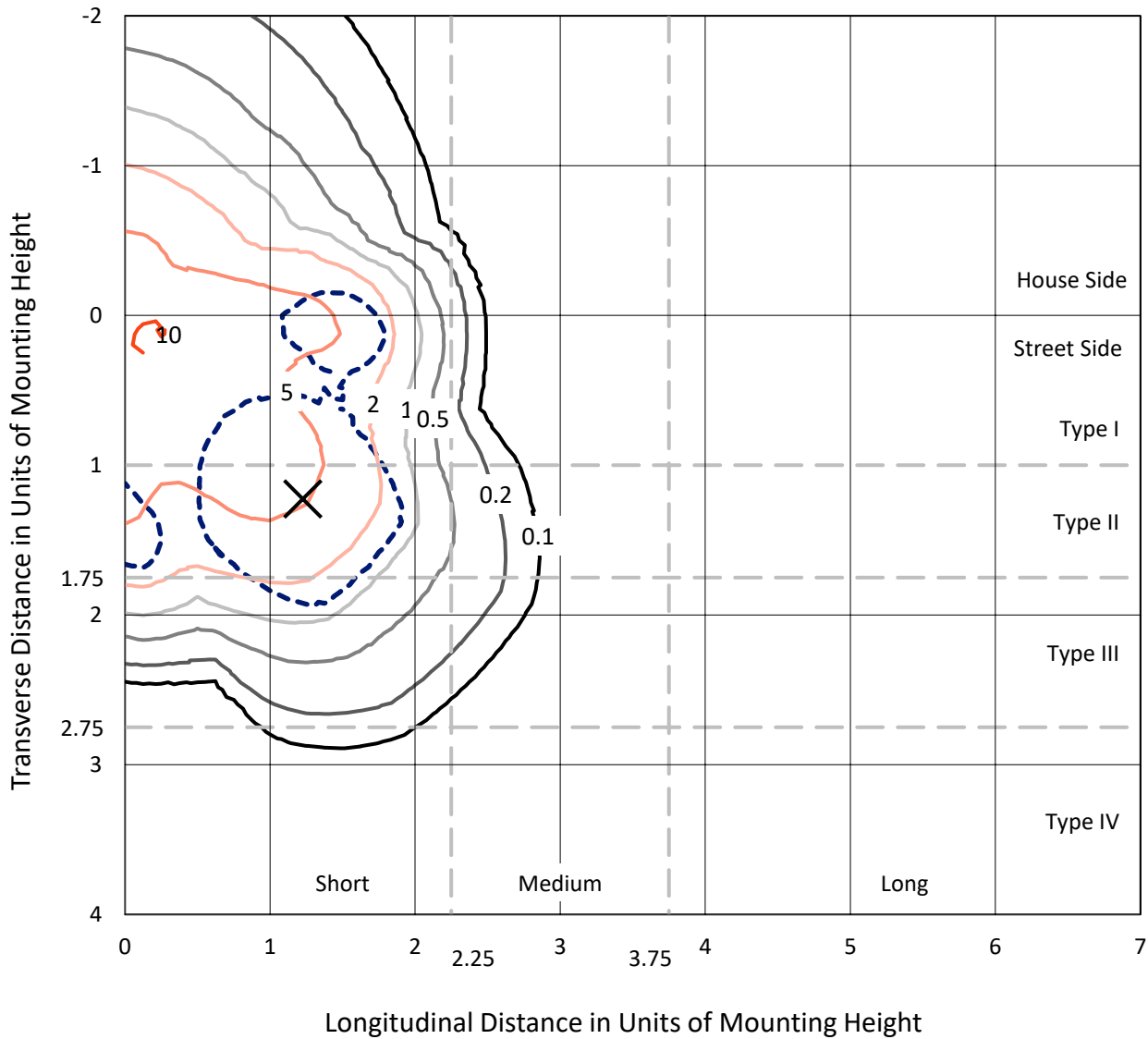
Input Watts (W): 323.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

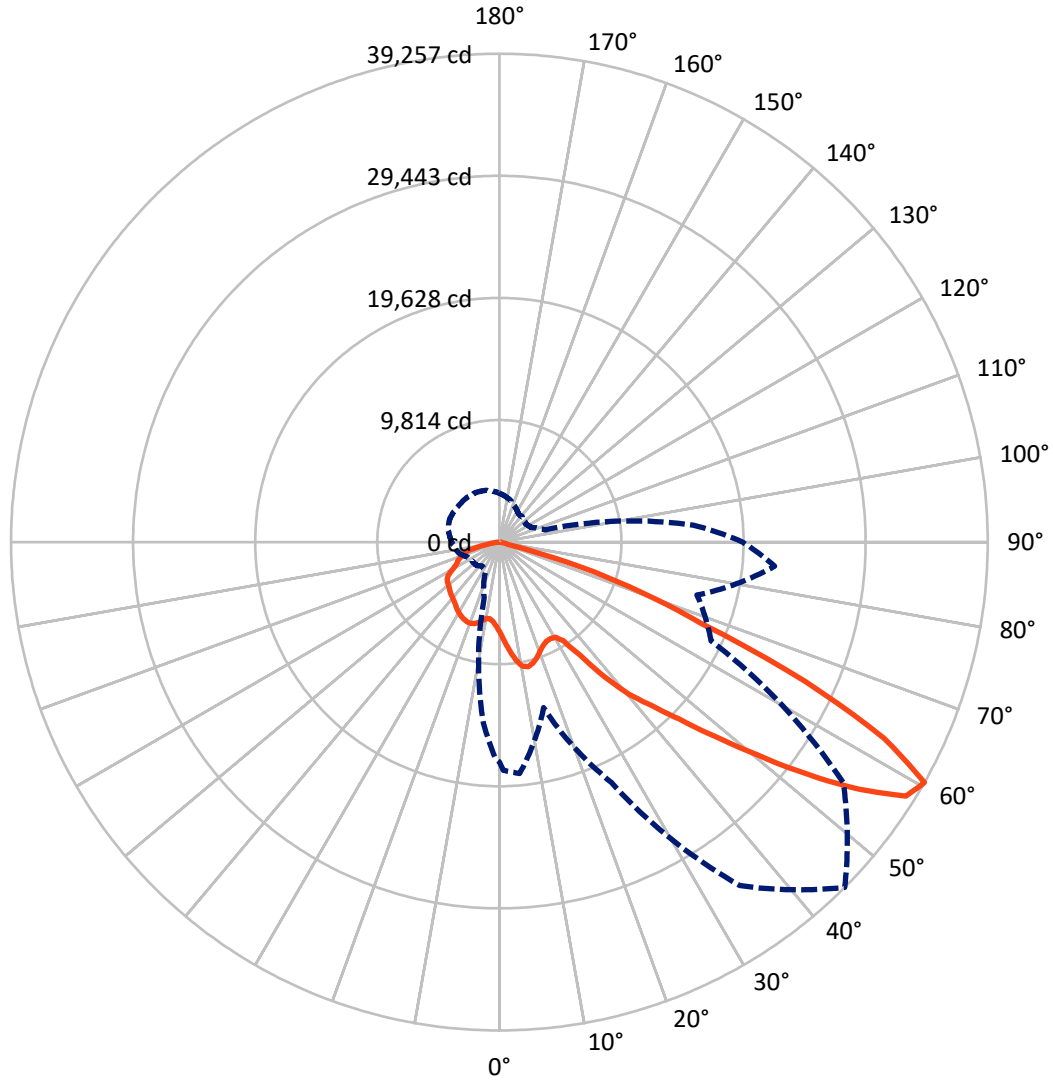
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.8 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	12386.2	0.0	12386.2
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	22948.9	0.0	22948.9
	% Fixture	64.9	0.0	64.9
Total	Lumens	35335.1	0.0	35335.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	708.2	2.0
10°-20°	2238.0	6.3
20°-30°	3635.4	10.3
30°-40°	5126.9	14.5
40°-50°	7085.3	20.1
50°-60°	9120.8	25.8
60°-70°	5779.1	16.4
70°-80°	1482.9	4.2
80°-90°	158.6	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°	35335.1	100.0
0°-180°	35335.1	100.0

Coefficient of Utilization



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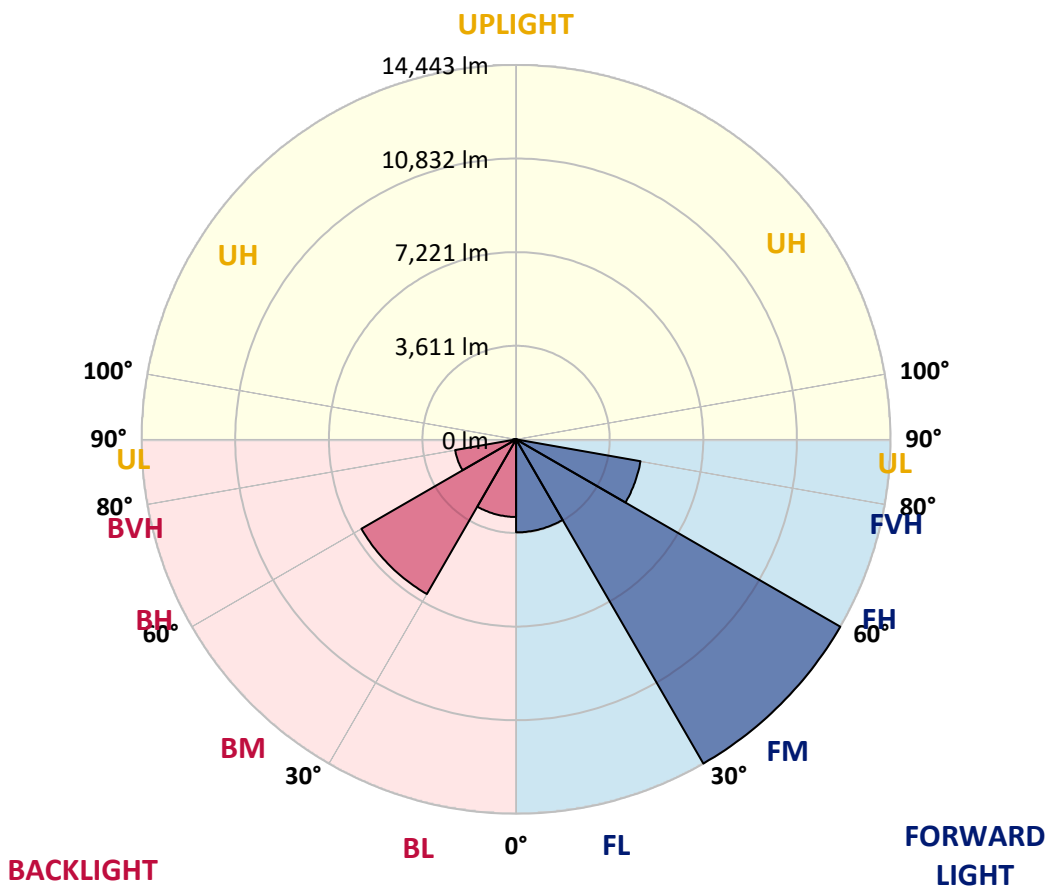
CATALOG NUMBER: GWS-SA6E-760-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3587.9	10.2			
FM (30°-60°)	14442.9	40.9			
FH (60°-80°)	4875.0	13.8			G2/5000
FVH (80°-90°)	43.1	0.1			G1/100
BL (0°-30°)	2993.7	8.5	B4/5000		
BM (30°-60°)	6890.1	19.5	B4/8500		
BH (60°-80°)	2386.9	6.8	B3/2500		G3/2500
BVH (80°-90°)	115.5	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9
2.5°	7592.3	7644.1	7676.5	7738.0	7848.1	7909.6	7977.6	7903.2	7922.6	7912.9	7793.1
5°	8042.4	8103.9	8188.1	8369.4	8573.4	8686.7	8793.5	8777.3	8677.0	8508.6	8388.8
7.5°	8463.3	8534.5	8680.2	8974.8	9275.9	9450.8	9580.3	9496.1	9411.9	9146.4	8845.3
10°	8793.5	8835.6	9033.1	9428.1	9777.8	9975.3	10133.9	10114.5	9997.9	9700.1	9295.4
12.5°	9104.3	9133.5	9347.2	9742.2	10056.2	10143.6	10273.1	10315.2	10276.4	10053.0	9654.7
15°	9437.8	9492.9	9690.4	9991.5	10133.9	10043.3	10088.6	10205.1	10315.2	10315.2	9949.4
17.5°	9748.6	9797.2	9997.9	10127.4	9991.5	9751.9	9764.8	9913.8	10176.0	10451.2	10218.1
20°	10023.8	10069.2	10266.7	10143.6	9713.0	9363.4	9353.6	9535.0	9959.1	10538.6	10506.3
22.5°	10324.9	10389.7	10554.8	10156.6	9454.0	9010.4	9007.2	9195.0	9768.1	10626.0	10836.5
25°	10752.3	10852.7	10936.9	10269.9	9314.8	8780.6	8822.7	9000.7	9706.5	10768.5	11325.4
27.5°	11386.9	11467.8	11461.4	10506.3	9308.3	8686.7	8774.1	8981.3	9816.6	11021.0	11840.2
30°	12073.3	12115.4	12047.4	10836.5	9457.2	8745.0	8874.5	9120.5	10095.1	11438.7	12597.8
32.5°	12834.1	12885.9	12756.4	11331.9	9803.7	9175.6	9460.5	9580.3	10486.8	12040.9	13400.7
35°	13708.3	13808.7	13540.0	11985.9	10823.5	10745.8	11160.3	11004.9	11318.9	12753.2	14258.7
37.5°	14627.8	14631.0	14245.8	12953.9	12824.4	12957.2	13786.0	13300.4	13083.4	13546.4	15132.9
40°	15408.1	15388.7	14796.2	14258.7	14566.3	15094.0	16094.5	15349.8	14780.0	14611.6	15858.1
42.5°	16188.4	16117.1	15518.2	15087.6	15767.5	16852.1	17982.0	17069.0	15867.8	15579.7	16573.7
45°	17185.6	17162.9	16440.9	15417.8	16852.1	18820.6	20319.6	18840.0	16512.1	16143.0	17765.1
47.5°	18794.7	18684.6	17341.0	15391.9	17868.7	21443.1	23337.2	21070.8	16962.2	16156.0	19688.3
50°	20368.2	20232.2	18415.9	15388.7	18917.7	24162.8	26898.6	23780.7	17421.9	16233.7	21643.9
52.5°	21957.9	21957.9	20180.4	15754.5	20018.5	27199.7	31013.7	27157.6	18205.4	17250.3	24049.4
55°	22903.3	23155.8	22165.1	16372.9	21307.1	30774.1	35083.4	30803.2	19416.3	19086.1	26270.5
57.5°	21702.1	22174.8	22032.4	15942.3	22068.0	33399.8	38534.8	33568.2	20015.3	19303.0	25937.0
60°	17684.2	18341.4	18668.4	13766.6	21316.8	33704.2	39256.8	33749.5	18778.5	16437.7	22216.9
62.5°	11756.0	12296.7	12795.3	9836.1	18454.7	30320.8	34720.8	30330.5	15683.3	12267.5	15391.9
65°	5766.3	6167.8	6705.2	5814.9	14417.4	25334.8	27070.2	24509.2	11344.8	6867.1	7851.4
67.5°	1508.8	1622.1	1696.5	2256.7	10328.2	18202.2	17655.0	17927.0	7288.0	2243.7	2052.7
70°	783.5	790.0	786.8	932.5	6980.4	11568.2	12167.2	11257.4	5086.4	938.9	809.4
72.5°	560.1	563.4	553.6	628.1	3370.4	6627.5	6867.1	6792.6	2664.6	556.9	553.6
75°	365.9	369.1	362.6	369.1	508.3	754.4	696.1	731.7	443.6	352.9	352.9
77.5°	216.9	220.2	216.9	223.4	216.9	216.9	200.7	200.7	191.0	191.0	194.3
80°	145.7	145.7	142.5	148.9	136.0	136.0	129.5	126.3	116.6	113.3	113.3
82.5°	87.4	90.7	87.4	87.4	80.9	80.9	74.5	71.2	61.5	61.5	58.3
85°	45.3	45.3	42.1	42.1	35.6	32.4	25.9	25.9	19.4	16.2	16.2
87.5°	6.5	6.5	3.2	3.2	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°	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9
2.5°	7760.7	7696.0	7598.8	7504.9	7417.5	7326.9	7223.3	7116.4	7025.8	6931.9	6883.3
5°	8230.2	8097.4	7844.9	7621.5	7420.7	7255.6	7077.6	6925.4	6782.9	6666.4	6608.1
7.5°	8654.3	8447.1	8065.0	7712.1	7440.2	7213.5	6967.5	6740.8	6549.8	6407.4	6352.3
10°	9046.1	8800.0	8298.2	7851.4	7534.1	7281.5	6980.4	6672.8	6420.3	6232.5	6187.2
12.5°	9363.4	9081.7	8482.7	7964.7	7589.1	7317.1	7051.7	6786.2	6536.9	6294.0	6255.2
15°	9645.0	9311.6	8621.9	8035.9	7569.7	7223.3	6999.9	6967.5	6967.5	6692.3	6614.6
17.5°	9887.9	9522.0	8735.2	8068.3	7446.7	6944.8	6808.8	7090.5	7407.8	7210.3	7035.5
20°	10166.3	9722.7	8829.1	8068.3	7220.0	6591.9	6579.0	7058.1	7527.6	7530.8	7346.3
22.5°	10448.0	9955.8	8939.2	8039.1	6909.2	6184.0	6423.5	6928.6	7346.3	7524.4	7398.1
25°	10904.5	10279.6	9114.1	8016.5	6546.6	5905.5	6284.3	6757.0	7109.9	7297.7	7216.8
27.5°	11484.0	10707.0	9379.5	8052.1	6187.2	5740.4	6135.4	6533.6	6854.2	7019.3	6961.0
30°	12131.6	11199.1	9664.5	8113.6	5928.2	5656.2	5957.3	6277.8	6562.8	6727.9	6702.0
32.5°	12957.2	11733.3	9910.5	8029.4	5782.5	5614.1	5769.5	5999.4	6274.6	6378.2	6400.9
35°	13944.7	12322.6	10098.3	7699.2	5649.7	5568.8	5565.6	5708.0	5902.3	6067.4	6083.6
37.5°	14854.4	13012.2	10305.5	7132.6	5410.2	5455.5	5326.0	5410.2	5601.2	5766.3	5831.1
40°	15754.5	13711.5	10593.7	6410.6	5096.1	5202.9	5050.8	5109.0	5261.2	5478.1	5581.8
42.5°	16628.7	14342.9	10898.0	5672.4	4782.0	4850.0	4736.7	4795.0	4953.6	5225.6	5342.2
45°	17580.6	15197.6	11134.4	4976.3	4510.1	4480.9	4390.3	4474.5	4714.1	5011.9	5151.1
47.5°	19380.7	16544.5	11289.8	4513.3	4364.4	4153.9	4050.3	4231.6	4503.6	4804.7	4973.1
50°	21579.1	18493.6	11244.4	4218.7	4238.1	3817.2	3781.6	4021.2	4312.6	4626.6	4811.2
52.5°	23321.0	20407.1	10729.7	3937.0	3992.1	3603.5	3499.9	3849.6	4128.0	4448.6	4639.6
55°	24651.7	21051.4	9149.7	3603.5	3590.6	3448.1	3231.2	3671.5	3943.5	4241.4	4448.6
57.5°	23567.0	19617.1	6782.9	3143.8	3066.1	3140.5	2930.1	3370.4	3716.8	4011.5	4196.0
60°	19558.8	15641.2	3778.4	2784.4	2564.2	2745.5	2713.2	3053.1	3470.8	3781.6	3940.2
62.5°	13277.7	10415.6	2240.5	2201.6	2078.6	2337.6	2509.2	2732.6	3143.8	3396.3	3545.3
65°	6617.8	5060.5	1489.3	1648.0	1664.2	1923.2	2246.9	2493.0	2836.2	3095.2	3244.1
67.5°	1919.9	1573.5	1133.2	1259.5	1434.3	1641.5	1900.5	2191.9	2525.4	2833.0	3007.8
70°	828.8	838.6	900.1	1049.0	1220.6	1434.3	1693.3	1978.2	2259.9	2496.2	2629.0
72.5°	586.0	608.7	676.7	828.8	990.7	1194.7	1453.7	1728.9	1932.9	2172.5	2311.7
75°	375.6	391.8	446.8	563.4	683.1	880.6	1126.7	1379.2	1589.7	1761.3	1894.0
77.5°	207.2	210.4	255.8	323.8	404.7	531.0	712.3	909.8	1065.2	1162.3	1282.1
80°	119.8	119.8	142.5	184.5	233.1	310.8	411.2	508.3	602.2	663.7	722.0
82.5°	64.8	64.8	74.5	100.4	126.3	171.6	229.9	278.4	336.7	369.1	407.9
85°	19.4	19.4	25.9	35.6	45.3	64.8	90.7	116.6	142.5	165.1	187.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
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°	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9
2.5°	6873.6	6828.3	6802.4	6770.0	6779.7	6750.6	6734.4	6744.1	6685.8	6744.1	6802.4
5°	6585.4	6520.7	6468.9	6426.8	6407.4	6368.5	6345.8	6345.8	6310.2	6368.5	6439.7
7.5°	6332.9	6281.1	6255.2	6229.3	6200.1	6164.5	6125.7	6112.7	6090.1	6151.6	6213.1
10°	6164.5	6171.0	6187.2	6222.8	6216.3	6193.7	6135.4	6103.0	6103.0	6174.2	6268.1
12.5°	6242.2	6310.2	6349.1	6413.8	6426.8	6407.4	6349.1	6323.2	6387.9	6494.8	6650.2
15°	6543.3	6588.7	6621.0	6672.8	6669.6	6653.4	6608.1	6627.5	6841.2	7048.4	7187.6
17.5°	6870.3	6818.5	6812.1	6844.4	6854.2	6834.7	6808.8	6896.2	7249.2	7443.4	7514.6
20°	7106.7	6928.6	6889.8	6902.7	6928.6	6918.9	6918.9	7061.4	7427.2	7517.9	7427.2
22.5°	7177.9	6925.4	6867.1	6870.3	6906.0	6909.2	6925.4	7074.3	7288.0	7291.2	7152.0
25°	7064.6	6821.8	6779.7	6786.2	6828.3	6825.0	6831.5	6915.7	7009.6	6970.7	6867.1
27.5°	6850.9	6640.5	6627.5	6663.1	6718.2	6689.0	6669.6	6692.3	6737.6	6689.0	6598.4
30°	6608.1	6430.0	6436.5	6504.5	6562.8	6514.2	6465.6	6478.6	6481.8	6430.0	6326.4
32.5°	6352.3	6219.6	6242.2	6313.5	6381.5	6329.7	6277.8	6271.4	6209.9	6148.3	6048.0
35°	6096.5	6044.7	6073.9	6132.2	6190.4	6148.3	6116.0	6096.5	5963.8	5873.1	5789.0
37.5°	5863.4	5902.3	5954.1	5989.7	6009.1	6005.9	5986.5	5941.1	5766.3	5659.5	5549.4
40°	5656.2	5776.0	5831.1	5847.2	5876.4	5869.9	5866.7	5801.9	5572.0	5458.7	5332.4
42.5°	5468.4	5636.8	5730.7	5746.9	5763.1	5766.3	5756.6	5662.7	5400.4	5267.7	5147.9
45°	5287.1	5507.3	5627.1	5610.9	5633.6	5633.6	5643.3	5520.2	5232.1	5096.1	4969.8
47.5°	5128.5	5387.5	5497.6	5478.1	5491.1	5500.8	5510.5	5368.1	5047.5	4918.0	4788.5
50°	4982.8	5258.0	5351.9	5358.4	5358.4	5381.0	5377.8	5238.6	4892.1	4752.9	4623.4
52.5°	4827.4	5125.2	5225.6	5267.7	5280.6	5290.4	5245.0	5083.1	4733.5	4565.1	4445.3
55°	4646.1	4989.3	5079.9	5135.0	5160.9	5154.4	5092.9	4927.7	4571.6	4403.2	4267.3
57.5°	4370.9	4697.9	4827.4	4853.3	4895.4	4869.5	4798.2	4659.0	4312.6	4144.2	4005.0
60°	4069.8	4306.1	4409.7	4432.4	4400.0	4409.7	4400.0	4267.3	3966.2	3833.4	3690.9
62.5°	3674.8	3885.2	3995.3	4024.4	3969.4	4005.0	3992.1	3826.9	3525.8	3386.6	3260.3
65°	3376.9	3606.8	3736.3	3752.5	3736.3	3752.5	3707.1	3506.4	3221.5	3079.0	2949.5
67.5°	3143.8	3380.1	3516.1	3561.4	3545.3	3542.0	3470.8	3237.7	2943.0	2787.6	2622.5
70°	2742.3	2949.5	3124.4	3234.4	3234.4	3172.9	3036.9	2820.0	2583.7	2450.9	2321.4
72.5°	2428.3	2690.5	2862.1	2975.4	2998.1	2962.5	2771.4	2541.6	2269.6	2136.9	2000.9
75°	2000.9	2256.7	2441.2	2590.1	2619.3	2580.4	2360.3	2133.6	1881.1	1751.6	1615.6
77.5°	1337.2	1489.3	1638.3	1774.2	1745.1	1771.0	1622.1	1450.5	1295.1	1197.9	1136.4
80°	754.4	854.7	900.1	974.5	974.5	974.5	877.4	796.5	709.1	654.0	592.5
82.5°	427.4	492.1	511.6	573.1	589.3	592.5	527.7	475.9	420.9	391.8	349.7
85°	197.5	233.1	236.4	272.0	284.9	310.8	281.7	246.1	213.7	200.7	174.8
87.5°	6.5	19.4	25.9	48.6	64.8	74.5	80.9	80.9	68.0	61.5	51.8
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: P643324

CATALOG NUMBER: GWS-SA6E-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9	7258.9
2.5°	6873.6	6951.3	7041.9	7106.7	7223.3	7320.4	7420.7	7530.8	7611.8	7592.3
5°	6527.2	6656.7	6821.8	6973.9	7190.9	7411.0	7653.9	7903.2	8048.9	8042.4
7.5°	6332.9	6517.4	6718.2	6922.1	7177.9	7495.2	7867.5	8256.1	8453.6	8463.3
10°	6436.5	6634.0	6770.0	6941.6	7210.3	7608.5	8055.3	8521.6	8748.2	8793.5
12.5°	6763.5	6747.3	6737.6	6860.6	7184.4	7689.5	8236.6	8793.5	9049.3	9104.3
15°	7074.3	6740.8	6540.1	6624.3	7067.8	7741.3	8414.7	9091.4	9379.5	9437.8
17.5°	7132.6	6627.5	6255.2	6313.5	6883.3	7757.5	8586.3	9382.8	9693.6	9748.6
20°	6970.7	6481.8	6048.0	5967.0	6650.2	7715.4	8693.2	9625.6	9965.6	10023.8
22.5°	6766.7	6352.3	5892.6	5682.1	6365.3	7673.3	8812.9	9881.4	10273.1	10324.9
25°	6553.1	6187.2	5746.9	5426.3	6041.5	7647.4	9013.7	10218.1	10690.8	10752.3
27.5°	6326.4	5986.5	5620.6	5303.3	5743.6	7679.8	9298.6	10762.0	11299.5	11386.9
30°	6083.6	5785.7	5539.7	5261.2	5539.7	7708.9	9612.7	11318.9	11950.3	12073.3
32.5°	5831.1	5601.2	5455.5	5280.6	5413.4	7640.9	9887.9	11943.8	12727.3	12834.1
35°	5578.5	5413.4	5348.6	5316.3	5245.0	7391.6	10111.3	12575.1	13614.4	13708.3
37.5°	5342.2	5219.1	5199.7	5235.3	4986.0	6983.7	10370.3	13378.1	14485.4	14627.8
40°	5122.0	5008.7	5005.4	4999.0	4701.1	6426.8	10719.9	14194.0	15343.3	15408.1
42.5°	4918.0	4775.6	4801.5	4723.8	4468.0	5824.6	11050.2	14890.1	16143.0	16188.4
45°	4736.7	4548.9	4578.1	4480.9	4357.9	5193.2	11341.6	15712.4	17156.4	17185.6
47.5°	4561.9	4361.1	4280.2	4273.7	4338.5	4610.4	11626.5	17295.7	18742.9	18794.7
50°	4400.0	4183.1	3953.2	4095.7	4218.7	4173.4	11982.6	18992.2	20381.2	20368.2
52.5°	4244.6	3959.7	3632.7	3907.9	3907.9	3849.6	11882.3	20021.8	21734.5	21957.9
55°	4066.5	3600.3	3299.2	3593.8	3451.4	3558.2	10104.8	20358.5	22586.0	22903.3
57.5°	3713.6	3156.7	2894.5	3053.1	2839.4	3299.2	7258.9	18687.9	21138.8	21702.1
60°	3373.7	2829.7	2658.1	2629.0	2350.6	2690.5	4704.3	14631.0	17399.3	17684.2
62.5°	2975.4	2548.0	2402.4	2179.0	1890.8	1958.8	2849.2	9628.8	11691.2	11756.0
65°	2674.3	2308.5	2030.0	1764.5	1547.6	1421.3	1683.6	4642.8	5844.0	5766.3
67.5°	2295.5	1978.2	1712.7	1521.7	1343.6	1185.0	1120.2	1379.2	1560.6	1508.8
70°	2043.0	1738.6	1482.9	1301.5	1136.4	977.8	864.5	812.7	796.5	783.5
72.5°	1761.3	1495.8	1230.3	1055.5	900.1	754.4	650.8	589.3	573.1	560.1
75°	1405.2	1155.8	913.0	747.9	611.9	508.3	440.3	388.5	378.8	365.9
77.5°	929.2	741.4	543.9	443.6	362.6	307.6	262.3	229.9	223.4	216.9
80°	511.6	427.4	333.5	268.7	216.9	187.8	171.6	152.2	148.9	145.7
82.5°	304.3	255.8	191.0	152.2	126.3	113.3	103.6	93.9	90.7	87.4
85°	152.2	119.8	84.2	71.2	64.8	58.3	58.3	48.6	45.3	45.3
87.5°	38.9	32.4	19.4	16.2	16.2	16.2	13.0	9.7	9.7	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)