

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: P642829

Luminaire Tested: GWS-SA6D-760-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642829
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-SA6D-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: 28276 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B4 - U0 - G3

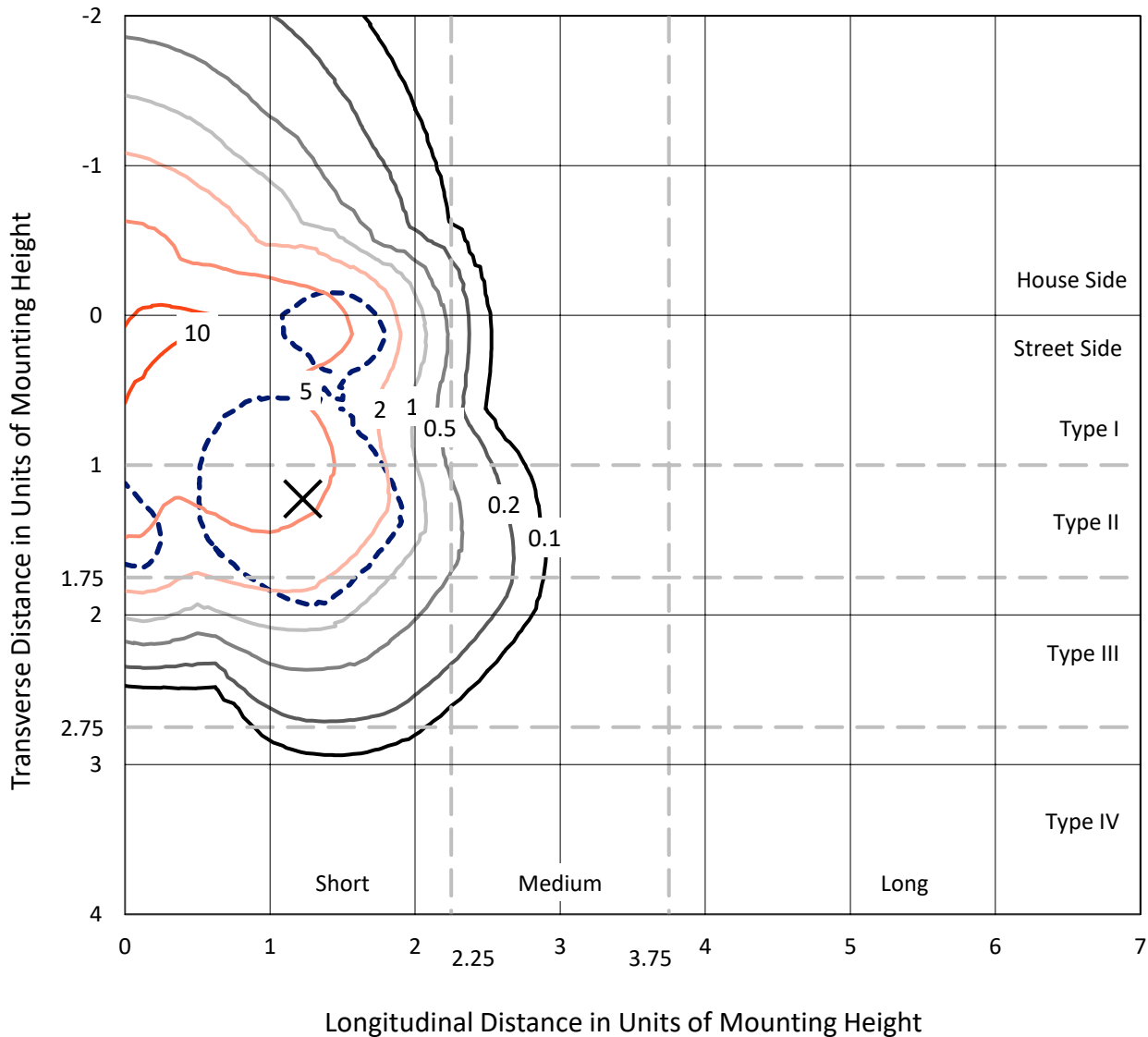
Input Watts (W): 245.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P642829
 CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

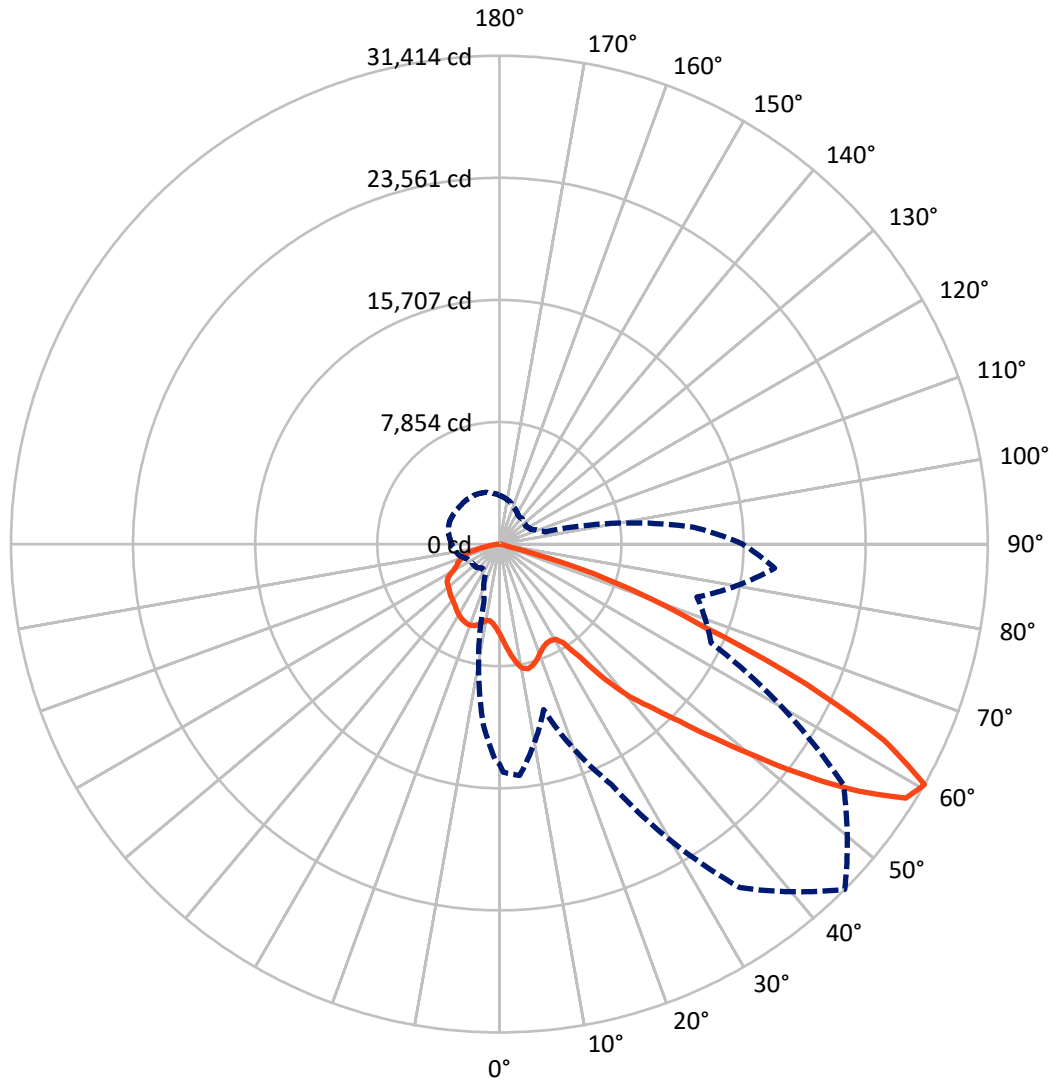
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.4 fc
 Type III - Short - N/A

REPORT NUMBER: P642829
CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

Luminous Intensity Polar Plot



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

REPORT NUMBER: P642829

CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

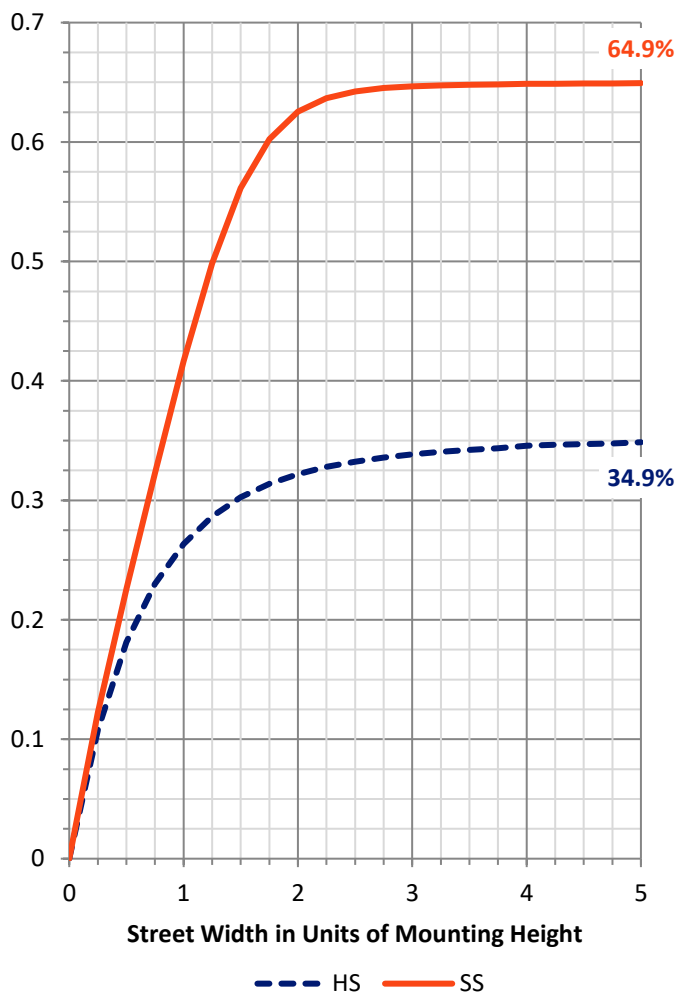
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9911.8	0.0	9911.8
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	18364.2	0.0	18364.2
	% Fixture	64.9	0.0	64.9
Total	Lumens	28276.0	0.0	28276.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	566.7	2.0
10°-20°	1790.9	6.3
20°-30°	2909.1	10.3
30°-40°	4102.7	14.5
40°-50°	5669.8	20.1
50°-60°	7298.7	25.8
60°-70°	4624.5	16.4
70°-80°	1186.7	4.2
80°-90°	126.9	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°	28276.0	100.0
0°-180°	28276.0	100.0

Coefficient of Utilization



REPORT NUMBER: P642829

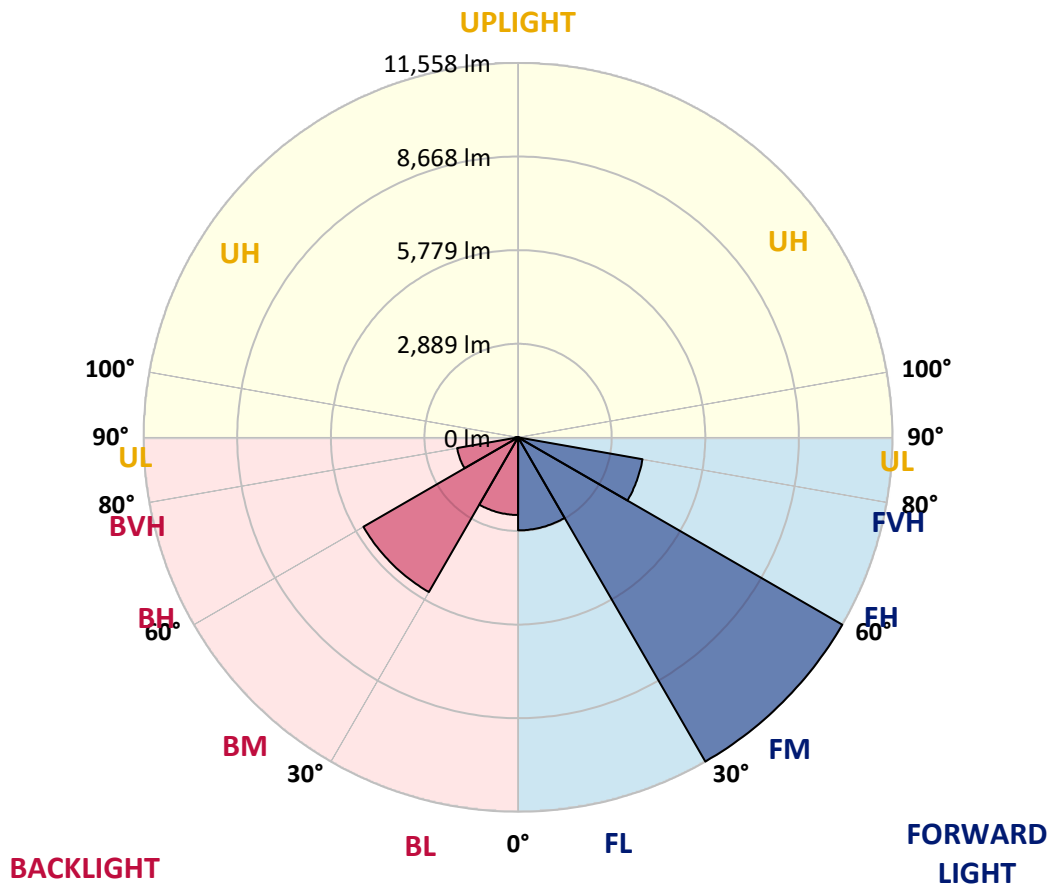
CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2871.1	10.2			
FM (30°-60°)	11557.6	40.9			
FH (60°-80°)	3901.1	13.8			G2/5000
FVH (80°-90°)	34.5	0.1			G1/100
BL (0°-30°)	2395.6	8.5	B3/2500		
BM (30°-60°)	5513.6	19.5	B4/8500		
BH (60°-80°)	1910.1	6.8	B3/2500		G3/2500
BVH (80°-90°)	92.4	0.3			G1/100
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





REPORT NUMBER: P642829

CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7
2.5°	6075.6	6117.0	6142.9	6192.2	6280.3	6329.5	6383.9	6324.3	6339.8	6332.1	6236.2
5°	6435.7	6484.9	6552.3	6697.4	6860.6	6951.3	7036.8	7023.8	6943.5	6808.8	6712.9
7.5°	6772.5	6829.5	6946.1	7181.9	7422.8	7562.7	7666.4	7599.0	7531.6	7319.2	7078.2
10°	7036.8	7070.5	7228.5	7544.6	7824.4	7982.5	8109.4	8093.9	8000.6	7762.2	7438.4
12.5°	7285.5	7308.8	7479.8	7795.9	8047.2	8117.2	8220.8	8254.5	8223.4	8044.6	7726.0
15°	7552.4	7596.4	7754.5	7995.4	8109.4	8036.9	8073.1	8166.4	8254.5	8254.5	7961.7
17.5°	7801.1	7840.0	8000.6	8104.2	7995.4	7803.7	7814.0	7933.2	8143.1	8363.3	8176.8
20°	8021.3	8057.6	8215.6	8117.2	7772.6	7492.8	7485.0	7630.1	7969.5	8433.3	8407.4
22.5°	8262.3	8314.1	8446.2	8127.5	7565.3	7210.4	7207.8	7358.1	7816.6	8503.2	8671.6
25°	8604.3	8684.6	8751.9	8218.2	7453.9	7026.4	7060.1	7202.6	7767.4	8617.2	9062.8
27.5°	9112.1	9176.8	9171.7	8407.4	7448.7	6951.3	7021.2	7187.1	7855.5	8819.3	9474.8
30°	9661.3	9695.0	9640.6	8671.6	7567.9	6997.9	7101.6	7298.5	8078.3	9153.5	10081.1
32.5°	10270.2	10311.6	10208.0	9068.0	7845.1	7342.5	7570.5	7666.4	8391.8	9635.4	10723.6
35°	10969.7	11050.0	10835.0	9591.4	8661.3	8599.1	8930.7	8806.3	9057.7	10205.4	11410.2
37.5°	11705.5	11708.1	11399.8	10366.1	10262.4	10368.6	11031.9	10643.3	10469.7	10840.2	12109.7
40°	12329.9	12314.4	11840.3	11410.2	11656.3	12078.6	12879.2	12283.3	11827.3	11692.6	12690.1
42.5°	12954.3	12897.3	12418.0	12073.4	12617.5	13485.5	14389.7	13659.0	12697.8	12467.2	13262.6
45°	13752.3	13734.2	13156.4	12337.7	13485.5	15060.7	16260.3	15076.2	13213.4	12918.1	14216.1
47.5°	15040.0	14951.9	13876.7	12317.0	14299.0	17159.3	18675.0	16861.3	13573.5	12928.4	15755.0
50°	16299.1	16190.3	14736.8	12314.4	15138.4	19335.6	21524.9	19029.9	13941.4	12990.6	17319.9
52.5°	17571.2	17571.2	16148.9	12607.1	16019.3	21765.9	24817.9	21732.2	14568.4	13804.1	19244.9
55°	18327.8	18529.9	17737.1	13102.0	17050.5	24626.2	28074.6	24649.5	15537.4	15273.1	21022.3
57.5°	17366.6	17744.8	17630.8	12757.4	17659.3	26727.4	30836.5	26862.1	16016.7	15446.7	20755.4
60°	14151.3	14677.2	14938.9	11016.4	17058.3	26970.9	31414.2	27007.2	15027.0	13153.8	17778.5
62.5°	9407.4	9840.1	10239.1	7871.0	14767.9	24263.5	27784.4	24271.2	12550.1	9816.8	12317.0
65°	4614.3	4935.6	5365.7	4653.2	11537.1	20273.5	21662.2	19612.8	9078.4	5495.2	6282.8
67.5°	1207.3	1298.0	1357.6	1805.8	8264.9	14565.8	14128.0	14345.6	5832.0	1795.5	1642.6
70°	627.0	632.2	629.6	746.2	5585.9	9257.2	9736.5	9008.4	4070.2	751.4	647.7
72.5°	448.2	450.8	443.0	502.6	2697.1	5303.5	5495.2	5435.6	2132.3	445.6	443.0
75°	292.8	295.4	290.2	295.4	406.8	603.7	557.0	585.5	354.9	282.4	282.4
77.5°	173.6	176.2	173.6	178.8	173.6	173.6	160.6	160.6	152.9	152.9	155.5
80°	116.6	116.6	114.0	119.2	108.8	108.8	103.6	101.0	93.3	90.7	90.7
82.5°	70.0	72.5	70.0	70.0	64.8	64.8	59.6	57.0	49.2	49.2	46.6
85°	36.3	36.3	33.7	33.7	28.5	25.9	20.7	20.7	15.5	13.0	13.0
87.5°	5.2	5.2	2.6	2.6	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: P642829

CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7
2.5°	6210.3	6158.5	6080.8	6005.6	5935.7	5863.1	5780.2	5694.7	5622.2	5547.0	5508.2
5°	6586.0	6479.8	6277.7	6098.9	5938.3	5806.1	5663.6	5541.9	5427.9	5334.6	5288.0
7.5°	6925.4	6759.6	6453.8	6171.4	5953.8	5772.4	5575.5	5394.2	5241.3	5127.3	5083.3
10°	7238.9	7042.0	6640.4	6282.8	6028.9	5826.9	5585.9	5339.8	5137.7	4987.4	4951.1
12.5°	7492.8	7267.4	6788.1	6373.5	6073.0	5855.4	5642.9	5430.5	5231.0	5036.6	5005.6
15°	7718.2	7451.3	6899.5	6430.5	6057.4	5780.2	5601.4	5575.5	5575.5	5355.3	5293.1
17.5°	7912.5	7619.7	6990.2	6456.4	5959.0	5557.4	5448.6	5674.0	5927.9	5769.9	5629.9
20°	8135.3	7780.4	7065.3	6456.4	5777.6	5275.0	5264.6	5648.1	6023.8	6026.4	5878.7
22.5°	8360.7	7966.9	7153.4	6433.1	5528.9	4948.6	5140.3	5544.5	5878.7	6021.2	5920.1
25°	8726.0	8226.0	7293.3	6415.0	5238.7	4725.7	5028.9	5407.1	5689.5	5839.8	5775.0
27.5°	9189.8	8568.0	7505.7	6443.5	4951.1	4593.6	4909.7	5228.4	5484.9	5617.0	5570.4
30°	9708.0	8961.8	7733.7	6492.7	4743.9	4526.2	4767.2	5023.7	5251.7	5383.8	5363.1
32.5°	10368.6	9389.3	7930.6	6425.3	4627.3	4492.6	4616.9	4800.9	5021.1	5104.0	5122.1
35°	11158.9	9860.8	8080.9	6161.1	4521.1	4456.3	4453.7	4567.7	4723.1	4855.3	4868.2
37.5°	11886.9	10412.7	8246.7	5707.7	4329.3	4365.6	4262.0	4329.3	4482.2	4614.3	4666.1
40°	12607.1	10972.3	8477.3	5129.9	4078.0	4163.5	4041.7	4088.4	4210.2	4383.7	4466.7
42.5°	13306.7	11477.5	8720.9	4539.2	3826.7	3881.1	3790.4	3837.1	3964.0	4181.7	4274.9
45°	14068.4	12161.5	8910.0	3982.2	3609.1	3585.8	3513.2	3580.6	3772.3	4010.7	4122.1
47.5°	15508.9	13239.3	9034.3	3611.7	3492.5	3324.1	3241.2	3386.3	3603.9	3844.8	3979.6
50°	17268.1	14799.0	8998.1	3375.9	3391.4	3054.6	3026.1	3217.9	3451.0	3702.3	3850.0
52.5°	18662.0	16330.2	8586.1	3150.5	3194.5	2883.6	2800.7	3080.5	3303.4	3559.8	3712.7
55°	19726.8	16845.8	7321.8	2883.6	2873.3	2759.3	2585.7	2938.0	3155.7	3394.0	3559.8
57.5°	18858.9	15698.1	5427.9	2515.7	2453.5	2513.1	2344.7	2697.1	2974.3	3210.1	3357.8
60°	15651.4	12516.5	3023.5	2228.1	2052.0	2197.1	2171.1	2443.2	2777.4	3026.1	3153.1
62.5°	10625.1	8334.8	1792.9	1761.8	1663.3	1870.6	2007.9	2186.7	2515.7	2717.8	2837.0
65°	5295.7	4049.5	1191.8	1318.8	1331.7	1539.0	1798.1	1995.0	2269.6	2476.9	2596.0
67.5°	1536.4	1259.2	906.8	1007.8	1147.8	1313.6	1520.8	1754.0	2020.9	2267.0	2406.9
70°	663.3	671.0	720.3	839.4	976.8	1147.8	1355.0	1583.0	1808.4	1997.6	2103.8
72.5°	468.9	487.1	541.5	663.3	792.8	956.0	1163.3	1383.5	1546.7	1738.5	1849.9
75°	300.5	313.5	357.5	450.8	546.7	704.7	901.6	1103.7	1272.1	1409.4	1515.7
77.5°	165.8	168.4	204.7	259.1	323.9	424.9	570.0	728.0	852.4	930.1	1026.0
80°	95.9	95.9	114.0	147.7	186.5	248.7	329.0	406.8	481.9	531.1	577.8
82.5°	51.8	51.8	59.6	80.3	101.0	137.3	184.0	222.8	269.4	295.4	326.4
85°	15.5	15.5	20.7	28.5	36.3	51.8	72.5	93.3	114.0	132.1	150.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
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: P642829

CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7
2.5°	5500.4	5464.1	5443.4	5417.5	5425.3	5402.0	5389.0	5396.8	5350.1	5396.8	5443.4
5°	5269.8	5218.0	5176.5	5142.9	5127.3	5096.2	5078.1	5078.1	5049.6	5096.2	5153.2
7.5°	5067.7	5026.3	5005.6	4984.8	4961.5	4933.0	4901.9	4891.6	4873.4	4922.6	4971.9
10°	4933.0	4938.2	4951.1	4979.6	4974.5	4956.3	4909.7	4883.8	4883.8	4940.8	5015.9
12.5°	4995.2	5049.6	5080.7	5132.5	5142.9	5127.3	5080.7	5060.0	5111.8	5197.3	5321.6
15°	5236.1	5272.4	5298.3	5339.8	5337.2	5324.2	5288.0	5303.5	5474.5	5640.3	5751.7
17.5°	5497.8	5456.4	5451.2	5477.1	5484.9	5469.3	5448.6	5518.5	5800.9	5956.4	6013.4
20°	5686.9	5544.5	5513.4	5523.7	5544.5	5536.7	5536.7	5650.7	5943.4	6016.0	5943.4
22.5°	5743.9	5541.9	5495.2	5497.8	5526.3	5528.9	5541.9	5661.0	5832.0	5834.6	5723.2
25°	5653.3	5459.0	5425.3	5430.5	5464.1	5461.5	5466.7	5534.1	5609.2	5578.1	5495.2
27.5°	5482.3	5313.9	5303.5	5332.0	5376.0	5352.7	5337.2	5355.3	5391.6	5352.7	5280.2
30°	5288.0	5145.5	5150.6	5205.0	5251.7	5212.8	5174.0	5184.3	5186.9	5145.5	5062.6
32.5°	5083.3	4977.1	4995.2	5052.2	5106.6	5065.1	5023.7	5018.5	4969.3	4920.1	4839.7
35°	4878.6	4837.1	4860.5	4907.1	4953.7	4920.1	4894.1	4878.6	4772.4	4699.8	4632.5
37.5°	4692.1	4723.1	4764.6	4793.1	4808.6	4806.1	4790.5	4754.2	4614.3	4528.8	4440.7
40°	4526.2	4622.1	4666.1	4679.1	4702.4	4697.2	4694.6	4642.8	4458.9	4368.2	4267.2
42.5°	4376.0	4510.7	4585.8	4598.8	4611.7	4614.3	4606.6	4531.4	4321.6	4215.3	4119.5
45°	4230.9	4407.1	4502.9	4490.0	4508.1	4508.1	4515.9	4417.4	4186.8	4078.0	3977.0
47.5°	4103.9	4311.2	4399.3	4383.7	4394.1	4401.9	4409.7	4295.7	4039.2	3935.5	3831.9
50°	3987.3	4207.6	4282.7	4287.9	4287.9	4306.0	4303.4	4192.0	3914.8	3803.4	3699.8
52.5°	3863.0	4101.3	4181.7	4215.3	4225.7	4233.5	4197.2	4067.7	3787.8	3653.1	3557.3
55°	3717.9	3992.5	4065.1	4109.1	4129.8	4124.7	4075.4	3943.3	3658.3	3523.6	3414.8
57.5°	3497.7	3759.3	3863.0	3883.7	3917.4	3896.7	3839.7	3728.3	3451.0	3316.3	3204.9
60°	3256.7	3445.9	3528.8	3546.9	3521.0	3528.8	3521.0	3414.8	3173.8	3067.6	2953.6
62.5°	2940.6	3109.0	3197.1	3220.4	3176.4	3204.9	3194.5	3062.4	2821.5	2710.0	2609.0
65°	2702.3	2886.2	2989.9	3002.8	2989.9	3002.8	2966.5	2805.9	2577.9	2463.9	2360.3
67.5°	2515.7	2704.9	2813.7	2850.0	2837.0	2834.4	2777.4	2590.9	2355.1	2230.7	2098.6
70°	2194.5	2360.3	2500.2	2588.3	2588.3	2539.0	2430.2	2256.6	2067.5	1961.3	1857.7
72.5°	1943.1	2153.0	2290.3	2381.0	2399.1	2370.6	2217.8	2033.8	1816.2	1710.0	1601.2
75°	1601.2	1805.8	1953.5	2072.7	2096.0	2064.9	1888.7	1707.4	1505.3	1401.7	1292.8
77.5°	1070.0	1191.8	1311.0	1419.8	1396.5	1417.2	1298.0	1160.7	1036.3	958.6	909.4
80°	603.7	684.0	720.3	779.9	779.9	779.9	702.1	637.4	567.4	523.4	474.1
82.5°	342.0	393.8	409.4	458.6	471.5	474.1	422.3	380.9	336.8	313.5	279.8
85°	158.0	186.5	189.1	217.6	228.0	248.7	225.4	196.9	171.0	160.6	139.9
87.5°	5.2	15.5	20.7	38.9	51.8	59.6	64.8	64.8	54.4	49.2	41.5
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: P642829

CATALOG NUMBER: GWS-SA6D-760-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7	5808.7
2.5°	5500.4	5562.6	5635.1	5686.9	5780.2	5857.9	5938.3	6026.4	6091.1	6075.6
5°	5223.2	5326.8	5459.0	5580.7	5754.3	5930.5	6124.8	6324.3	6440.9	6435.7
7.5°	5067.7	5215.4	5376.0	5539.3	5743.9	5997.9	6295.8	6606.7	6764.7	6772.5
10°	5150.6	5308.7	5417.5	5554.8	5769.9	6088.5	6446.1	6819.2	7000.5	7036.8
12.5°	5412.3	5399.4	5391.6	5490.0	5749.1	6153.3	6591.2	7036.8	7241.5	7285.5
15°	5661.0	5394.2	5233.5	5300.9	5655.9	6194.8	6733.7	7275.1	7505.7	7552.4
17.5°	5707.7	5303.5	5005.6	5052.2	5508.2	6207.7	6871.0	7508.3	7757.0	7801.1
20°	5578.1	5186.9	4839.7	4775.0	5321.6	6174.0	6956.5	7702.6	7974.7	8021.3
22.5°	5414.9	5083.3	4715.4	4547.0	5093.6	6140.3	7052.3	7907.3	8220.8	8262.3
25°	5243.9	4951.1	4598.8	4342.3	4834.6	6119.6	7213.0	8176.8	8555.0	8604.3
27.5°	5062.6	4790.5	4497.7	4243.8	4596.2	6145.5	7441.0	8612.0	9042.1	9112.1
30°	4868.2	4629.9	4433.0	4210.2	4433.0	6168.8	7692.3	9057.7	9562.9	9661.3
32.5°	4666.1	4482.2	4365.6	4225.7	4331.9	6114.4	7912.5	9557.7	10184.7	10270.2
35°	4464.1	4331.9	4280.1	4254.2	4197.2	5914.9	8091.3	10062.9	10894.6	10969.7
37.5°	4274.9	4176.5	4160.9	4189.4	3989.9	5588.5	8298.5	10705.5	11591.5	11705.5
40°	4098.7	4008.1	4005.5	4000.3	3761.9	5142.9	8578.4	11358.4	12278.1	12329.9
42.5°	3935.5	3821.5	3842.3	3780.1	3575.4	4661.0	8842.6	11915.4	12918.1	12954.3
45°	3790.4	3640.2	3663.5	3585.8	3487.3	4155.7	9075.8	12573.5	13729.0	13752.3
47.5°	3650.5	3489.9	3425.1	3419.9	3471.8	3689.4	9303.8	13840.4	14998.5	15040.0
50°	3521.0	3347.4	3163.4	3277.4	3375.9	3339.6	9588.8	15198.0	16309.5	16299.1
52.5°	3396.6	3168.6	2907.0	3127.2	3127.2	3080.5	9508.5	16021.9	17392.5	17571.2
55°	3254.1	2881.0	2640.1	2875.9	2761.9	2847.4	8086.1	16291.4	18073.9	18327.8
57.5°	2971.7	2526.1	2316.2	2443.2	2272.2	2640.1	5808.7	14954.5	16915.8	17366.6
60°	2699.7	2264.4	2127.1	2103.8	1881.0	2153.0	3764.5	11708.1	13923.3	14151.3
62.5°	2381.0	2039.0	1922.4	1743.7	1513.1	1567.5	2280.0	7705.2	9355.6	9407.4
65°	2140.1	1847.3	1624.5	1412.0	1238.4	1137.4	1347.2	3715.3	4676.5	4614.3
67.5°	1836.9	1583.0	1370.6	1217.7	1075.2	948.3	896.4	1103.7	1248.8	1207.3
70°	1634.8	1391.3	1186.6	1041.5	909.4	782.4	691.8	650.3	637.4	627.0
72.5°	1409.4	1197.0	984.5	844.6	720.3	603.7	520.8	471.5	458.6	448.2
75°	1124.4	924.9	730.6	598.5	489.7	406.8	352.4	310.9	303.1	292.8
77.5°	743.6	593.3	435.3	354.9	290.2	246.1	209.9	184.0	178.8	173.6
80°	409.4	342.0	266.9	215.0	173.6	150.3	137.3	121.8	119.2	116.6
82.5°	243.5	204.7	152.9	121.8	101.0	90.7	82.9	75.1	72.5	70.0
85°	121.8	95.9	67.4	57.0	51.8	46.6	46.6	38.9	36.3	36.3
87.5°	31.1	25.9	15.5	13.0	13.0	13.0	10.4	7.8	7.8	5.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)