

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: P642336

Luminaire Tested: GWS-SA6C-760-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642336
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-41)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA6C-760-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (96) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27124.5 lumens
Efficiency: N/A
Efficacy: 143.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

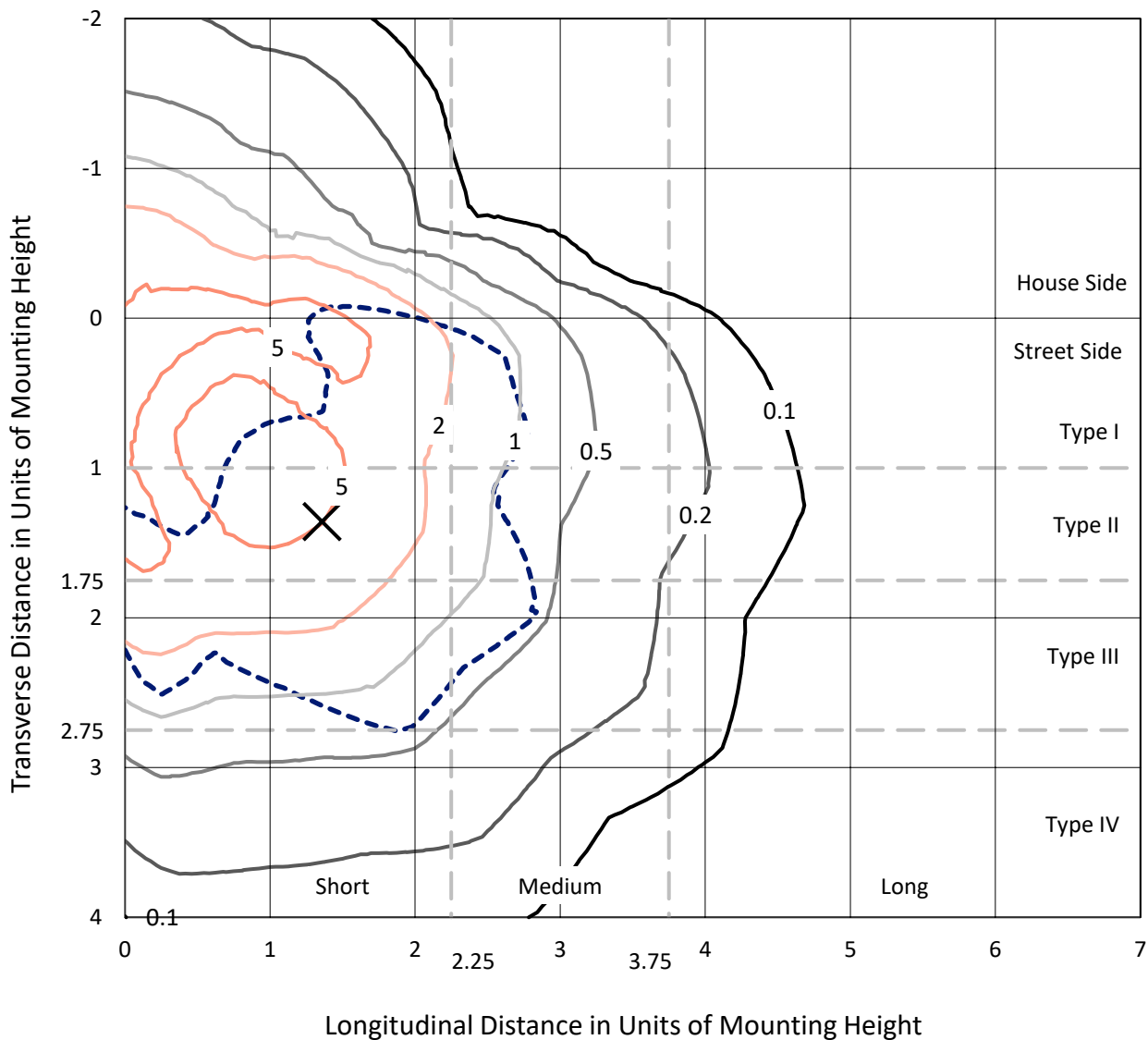
Input Watts (W): 189.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P642336
 CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

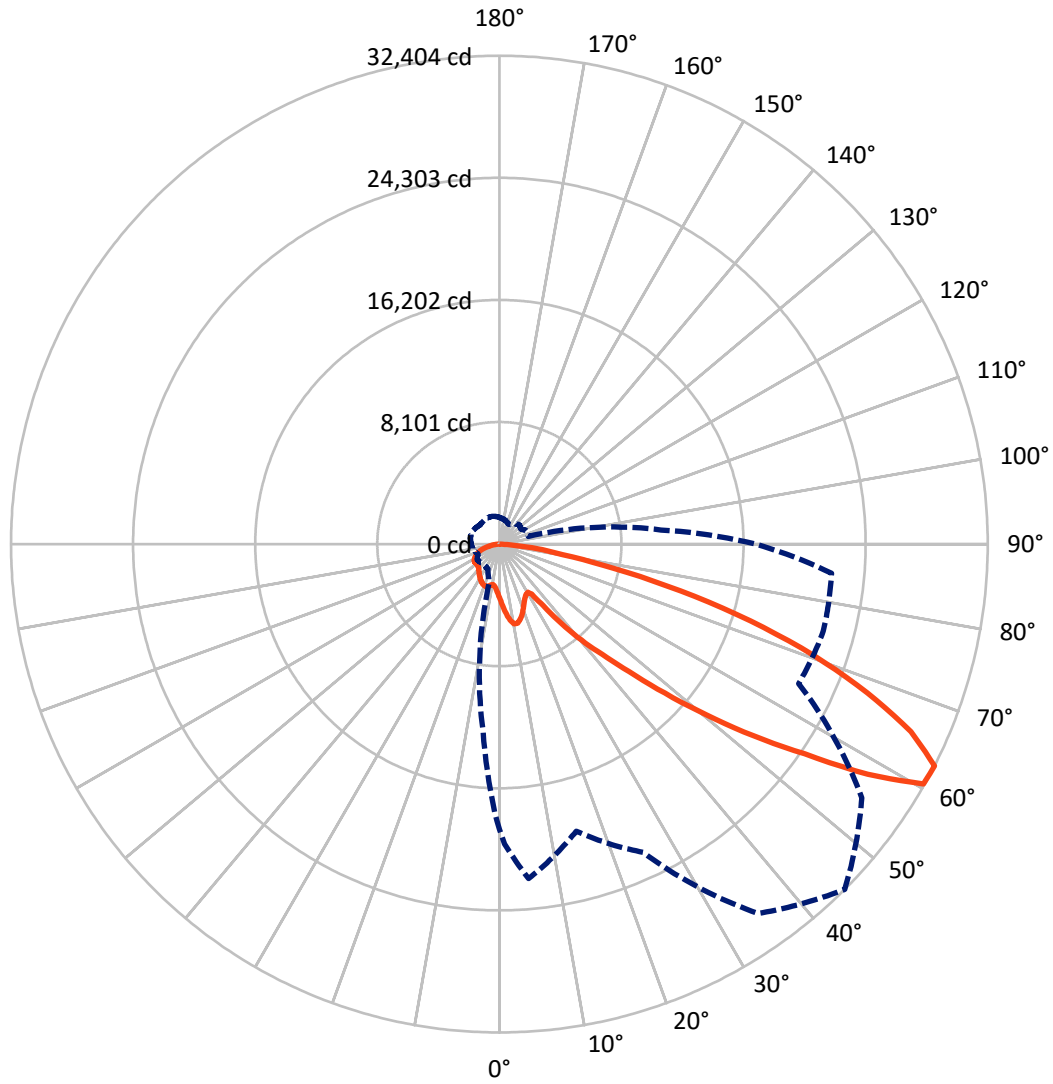
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
 Type III - Short - N/A

REPORT NUMBER: P642336
CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P642336

CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

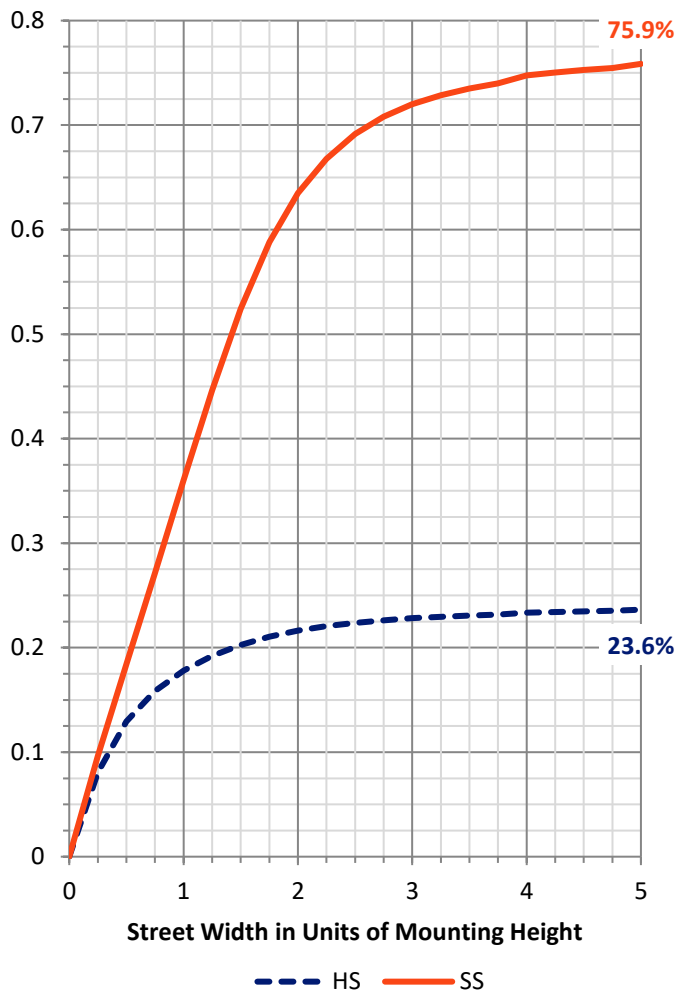
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6472.4	0.0	6472.4
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	20652.1	0.0	20652.1
	% Fixture	76.1	0.0	76.1
Total	Lumens	27124.5	0.0	27124.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.6	1.3
10°-20°	1102.2	4.1
20°-30°	1711.9	6.3
30°-40°	2324.3	8.6
40°-50°	3683.8	13.6
50°-60°	6498.2	24.0
60°-70°	7230.3	26.7
70°-80°	3666.9	13.5
80°-90°	555.3	2.0
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°	27124.5	100.0
0°-180°	27124.5	100.0

Coefficient of Utilization



REPORT NUMBER: P642336

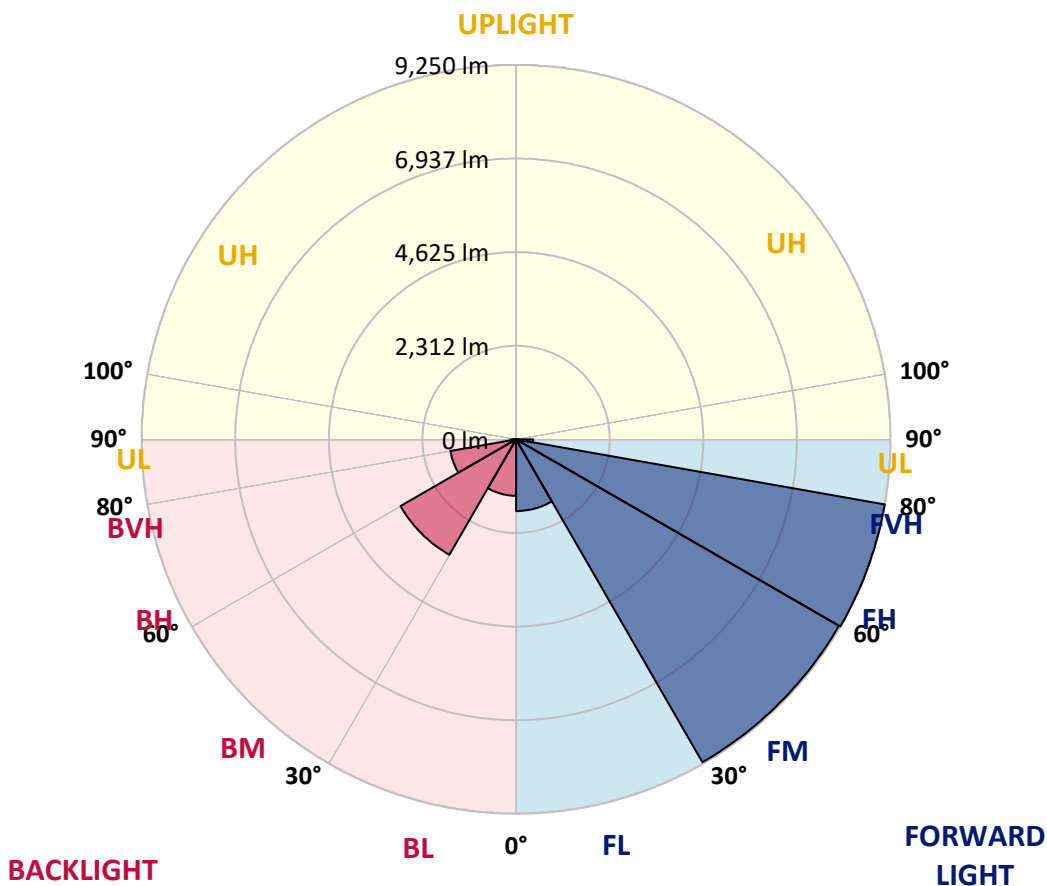
CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1771.0	6.5			
FM (30°-60°)	9209.9	34.0			
FH (60°-80°)	9249.7	34.1			G4/12000
FVH (80°-90°)	421.5	1.6			G3/500
BL (0°-30°)	1394.6	5.1	B3/2500		
BM (30°-60°)	3296.4	12.2	B3/5000		
BH (60°-80°)	1647.5	6.1	B3/2500		G3/2500
BVH (80°-90°)	133.8	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Short





REPORT NUMBER: P642336
 CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0
2.5°	3869.0	3866.9	3906.0	3965.5	4021.0	4045.6	4086.7	4082.6	4049.7	4006.6	3992.2
5°	4172.9	4181.1	4248.9	4380.3	4526.2	4587.8	4614.5	4604.2	4544.6	4468.7	4335.2
7.5°	4448.1	4462.5	4567.2	4764.4	4945.1	5027.2	5092.9	5080.6	4994.4	4852.7	4655.5
10°	4649.4	4665.8	4791.1	5023.1	5224.4	5296.3	5380.5	5384.6	5308.6	5117.6	4916.3
12.5°	4850.6	4867.1	4984.1	5195.6	5327.1	5329.1	5378.4	5405.1	5409.2	5320.9	5119.6
15°	5060.1	5074.5	5181.3	5300.4	5294.2	5179.2	5179.2	5230.5	5343.5	5407.2	5267.5
17.5°	5238.8	5257.2	5339.4	5300.4	5117.6	4910.2	4885.5	4951.2	5148.4	5392.8	5378.4
20°	5386.6	5401.0	5446.2	5187.4	4854.7	4583.7	4536.4	4612.4	4879.4	5304.5	5462.6
22.5°	5528.3	5536.5	5511.9	5039.6	4571.3	4261.2	4203.7	4283.8	4571.3	5148.4	5534.5
25°	5696.7	5688.5	5571.4	4885.5	4312.6	4006.6	3947.0	4037.4	4337.2	4941.0	5612.5
27.5°	5891.8	5861.0	5622.8	4719.2	4113.4	3817.7	3776.6	3873.1	4152.4	4750.0	5674.1
30°	6058.1	5998.6	5631.0	4571.3	4010.7	3737.6	3712.9	3803.3	4062.0	4620.6	5752.2
32.5°	6243.0	6160.8	5678.2	4532.3	4068.2	3930.6	3963.5	3969.6	4086.7	4583.7	5869.2
35°	6507.9	6401.1	5807.6	4645.3	4659.6	4891.7	5010.8	4850.6	4458.4	4665.8	6091.0
37.5°	6908.3	6772.8	6070.5	5134.0	5881.5	6401.1	6688.6	6323.1	5587.9	4975.9	6425.7
40°	7395.0	7222.5	6407.3	6037.6	7023.3	7855.1	8366.4	7830.4	6750.2	5750.1	6896.0
42.5°	8074.8	7894.1	7060.3	6924.8	8080.9	9319.3	9986.7	9187.8	7775.0	6750.2	7649.7
45°	9259.7	9085.2	8257.6	7814.0	9319.3	11122.3	12058.8	10947.8	8816.1	7754.4	9058.5
47.5°	11448.9	11243.5	10036.0	8799.7	10732.2	13463.5	14773.7	13155.4	9898.4	8904.4	11424.2
50°	14077.5	13880.3	12268.3	9966.2	12292.9	15966.8	17788.4	15749.1	11144.9	10303.0	14252.0
52.5°	17240.0	17203.1	15453.4	11440.7	13917.3	18636.5	21133.7	18622.1	12510.6	12186.1	17455.7
55°	20090.4	20451.9	19499.0	13689.4	16016.1	21990.0	24573.5	21755.9	14362.9	15299.4	21207.6
57.5°	21626.5	22597.9	24062.1	18277.1	19067.8	25998.7	28818.3	25581.8	17546.0	20482.7	24686.4
60°	20612.1	21712.8	24366.1	21731.3	22094.8	29210.5	32321.7	28797.7	20671.6	24080.6	24489.3
62.5°	18924.0	19911.8	22271.4	19714.6	22563.0	29917.0	32403.9	29358.4	21914.1	22255.0	22121.5
65°	16921.7	17917.7	20417.0	17209.2	21074.1	28239.2	30013.5	27709.3	19681.8	20106.9	20156.2
67.5°	14262.3	15182.3	17726.7	15301.4	19209.5	25776.9	26343.7	25360.0	18125.1	18802.8	18094.3
70°	10656.2	11485.8	13732.5	12434.6	16192.7	22569.2	22111.2	22257.0	16377.5	17051.1	15114.6
72.5°	7282.1	7906.4	9832.7	9771.1	12399.7	18067.6	17429.0	18811.1	13679.1	14572.4	11522.8
75°	5092.9	5579.7	7107.5	7719.5	9372.7	13391.6	12412.0	14079.5	10682.9	11958.2	8407.5
77.5°	3125.6	3448.0	4489.2	5719.3	6029.4	9165.3	7709.2	10594.6	7501.8	8721.7	5608.4
80°	1562.8	1718.9	2180.9	3595.9	3998.4	5401.0	4257.1	6150.6	5076.5	5401.0	3103.0
82.5°	472.3	521.6	638.7	1365.6	2072.1	3109.2	2515.7	3573.3	2772.4	2532.1	1221.9
85°	125.3	141.7	176.6	404.6	727.0	1115.1	850.2	1731.2	1328.7	934.4	460.0
87.5°	10.3	10.3	8.2	8.2	4.1	0.0	0.0	123.2	248.5	141.7	80.1
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: P642336
 CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0
2.5°	3920.3	3912.1	3827.9	3766.3	3694.4	3624.6	3552.7	3489.1	3417.2	3345.3	3324.8
5°	4236.6	4179.1	4000.4	3850.5	3702.7	3573.3	3460.3	3343.3	3248.8	3156.4	3121.5
7.5°	4515.9	4415.3	4156.5	3928.6	3723.2	3563.0	3396.7	3226.2	3092.7	2961.3	2928.4
10°	4768.5	4635.0	4308.5	4021.0	3793.0	3610.2	3415.2	3187.2	2994.2	2834.0	2790.9
12.5°	4955.4	4809.6	4439.9	4109.3	3850.5	3645.2	3452.1	3250.9	3047.6	2840.1	2792.9
15°	5103.2	4951.2	4548.7	4177.0	3852.6	3587.7	3400.8	3331.0	3267.3	3064.0	2977.7
17.5°	5222.3	5062.1	4643.2	4218.1	3797.1	3413.1	3250.9	3353.5	3515.8	3388.5	3226.2
20°	5331.2	5168.9	4715.1	4246.9	3673.9	3172.8	3082.5	3300.1	3544.5	3540.4	3394.6
22.5°	5450.3	5292.1	4819.8	4263.3	3501.4	2928.4	2981.8	3222.1	3421.3	3480.9	3390.5
25°	5602.2	5462.6	4965.6	4300.3	3306.3	2760.0	2907.9	3121.5	3287.8	3302.2	3248.8
27.5°	5778.9	5674.1	5183.3	4386.5	3117.4	2673.8	2821.7	2979.8	3131.8	3137.9	3074.3
30°	5971.9	5902.1	5384.6	4458.4	2975.7	2647.1	2710.8	2838.1	2934.6	2951.0	2895.6
32.5°	6218.3	6156.7	5563.2	4411.2	2891.5	2640.9	2608.1	2673.8	2753.9	2753.9	2710.8
35°	6557.2	6470.9	5752.2	4230.4	2788.8	2616.3	2499.2	2517.7	2552.6	2558.8	2534.2
37.5°	7037.7	6896.0	5943.1	3873.1	2620.4	2528.0	2374.0	2351.4	2363.7	2380.1	2374.0
40°	7633.3	7401.2	6222.4	3443.9	2419.2	2357.5	2244.6	2201.5	2191.2	2224.1	2236.4
42.5°	8382.8	8027.6	6522.3	3043.4	2236.4	2162.4	2092.6	2055.7	2039.2	2094.7	2127.5
45°	9580.1	8994.8	6809.8	2647.1	2133.7	1996.1	1948.9	1922.2	1930.4	1996.1	2037.2
47.5°	11648.1	10471.3	7082.9	2396.6	2125.5	1877.0	1819.5	1825.7	1848.2	1918.1	1967.4
50°	14264.4	12449.0	7265.7	2291.8	2150.1	1805.1	1729.1	1762.0	1796.9	1864.7	1922.2
52.5°	16927.9	14291.1	7048.0	2234.3	2148.1	1807.2	1644.9	1743.5	1759.9	1827.7	1889.3
55°	18759.7	14496.4	6088.9	2146.0	2115.2	1889.3	1579.2	1735.3	1745.6	1807.2	1862.6
57.5°	19457.9	13794.1	4643.2	2170.7	2016.6	1953.0	1550.5	1677.8	1751.7	1805.1	1862.6
60°	18613.9	12469.5	2821.7	2234.3	1858.5	1948.9	1569.0	1573.1	1700.4	1790.7	1848.2
62.5°	17022.4	10769.1	1981.7	2053.6	1743.5	1840.0	1612.1	1449.8	1610.0	1718.9	1770.2
65°	15198.8	8768.9	1511.5	1768.2	1688.1	1671.6	1626.5	1341.0	1486.8	1593.6	1638.8
67.5°	13299.2	6815.9	1228.1	1318.4	1525.8	1511.5	1486.8	1244.5	1341.0	1417.0	1468.3
70°	10906.7	4768.5	1037.1	989.8	1308.1	1355.4	1299.9	1123.3	1154.1	1232.2	1273.2
72.5°	7978.3	2971.6	852.2	817.3	1051.4	1184.9	1156.2	989.8	1004.2	1078.1	1111.0
75°	5737.8	1700.4	683.9	673.6	803.0	1014.5	957.0	852.2	868.7	924.1	946.7
77.5°	3647.2	946.7	527.8	542.2	575.0	757.8	817.3	729.0	729.0	761.9	780.4
80°	1953.0	542.2	386.1	392.2	402.5	579.1	644.8	564.7	564.7	542.2	564.7
82.5°	796.8	312.1	264.9	246.4	269.0	396.3	451.8	359.4	375.8	338.8	347.1
85°	262.9	156.1	131.4	129.4	127.3	174.6	217.7	178.7	213.6	135.5	141.7
87.5°	34.9	28.8	16.4	12.3	14.4	6.2	12.3	14.4	14.4	10.3	10.3
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: P642336
 CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0
2.5°	3310.4	3294.0	3234.4	3248.8	3238.5	3222.1	3238.5	3207.7	3232.4	3240.6	3291.9
5°	3094.8	3055.8	2998.3	2969.5	2963.4	2946.9	2949.0	2934.6	2938.7	2973.6	3031.1
7.5°	2901.7	2864.8	2819.6	2799.1	2780.6	2762.1	2760.0	2758.0	2774.4	2805.2	2860.7
10°	2762.1	2741.6	2723.1	2731.3	2723.1	2714.9	2700.5	2700.5	2727.2	2782.6	2850.4
12.5°	2762.1	2758.0	2762.1	2786.7	2784.7	2786.7	2768.3	2778.5	2852.5	2946.9	3043.4
15°	2910.0	2877.1	2877.1	2889.4	2885.3	2885.3	2885.3	2928.4	3096.8	3242.6	3345.3
17.5°	3090.7	2994.2	2953.1	2946.9	2944.9	2944.9	2953.1	3045.5	3308.4	3462.4	3521.9
20°	3216.0	3033.2	2965.4	2938.7	2940.8	2944.9	2969.5	3096.8	3386.4	3464.4	3450.1
22.5°	3238.5	3002.4	2920.2	2881.2	2887.4	2891.5	2928.4	3064.0	3279.6	3291.9	3263.2
25°	3133.8	2916.1	2827.8	2797.0	2805.2	2803.2	2836.0	2934.6	3088.6	3084.5	3068.1
27.5°	2977.7	2778.5	2712.8	2692.3	2706.7	2690.2	2700.5	2776.5	2895.6	2891.5	2885.3
30°	2817.6	2645.0	2585.5	2575.2	2593.7	2569.1	2571.1	2634.8	2716.9	2712.8	2710.8
32.5°	2657.4	2511.6	2458.2	2458.2	2476.7	2450.0	2454.1	2509.5	2565.0	2548.5	2548.5
35°	2505.4	2402.7	2359.6	2351.4	2365.8	2347.3	2355.5	2406.8	2427.4	2404.8	2390.4
37.5°	2371.9	2326.7	2283.6	2254.9	2256.9	2259.0	2283.6	2322.6	2310.3	2277.5	2259.0
40°	2248.7	2248.7	2207.6	2154.2	2148.1	2162.4	2203.5	2246.6	2211.7	2174.8	2152.2
42.5°	2160.4	2178.9	2139.9	2086.5	2074.1	2098.8	2144.0	2174.8	2133.7	2092.6	2061.8
45°	2078.3	2123.4	2096.7	2037.2	2020.8	2049.5	2107.0	2119.3	2063.9	2024.9	2002.3
47.5°	2020.8	2082.4	2063.9	2006.4	1981.7	2022.8	2082.4	2080.3	2010.5	1969.4	1950.9
50°	1979.7	2057.7	2055.7	2006.4	1979.7	2031.0	2084.4	2057.7	1981.7	1938.6	1920.1
52.5°	1946.8	2055.7	2070.0	2041.3	2022.8	2068.0	2100.8	2049.5	1961.2	1916.0	1901.6
55°	1932.4	2063.9	2074.1	2047.4	2031.0	2072.1	2100.8	2065.9	1961.2	1920.1	1907.8
57.5°	1936.6	2053.6	2055.7	2018.7	1989.9	2041.3	2086.5	2076.2	1983.8	1936.6	1922.2
60°	1911.9	1998.2	2002.3	1944.8	1911.9	1973.5	2053.6	2047.4	1973.5	1924.2	1897.5
62.5°	1829.8	1905.7	1907.8	1854.4	1807.2	1895.5	1983.8	1981.7	1914.0	1864.7	1833.9
65°	1692.2	1772.3	1792.8	1741.5	1704.5	1799.0	1891.4	1887.3	1819.5	1774.3	1743.5
67.5°	1521.7	1608.0	1647.0	1612.1	1597.7	1684.0	1770.2	1768.2	1712.7	1669.6	1642.9
70°	1314.3	1386.2	1451.9	1451.9	1441.6	1540.2	1632.6	1624.4	1573.1	1540.2	1519.7
72.5°	1141.8	1197.3	1217.8	1238.3	1269.1	1371.8	1449.8	1456.0	1419.0	1402.6	1419.0
75°	971.4	1006.3	1024.8	1008.3	1061.7	1168.5	1271.2	1281.5	1242.4	1215.7	1221.9
77.5°	798.9	837.9	856.4	819.4	815.3	950.8	1076.1	1098.7	1065.8	1024.8	1037.1
80°	577.1	628.4	659.2	634.6	626.4	685.9	858.4	883.1	852.2	819.4	837.9
82.5°	353.2	382.0	390.2	414.8	466.2	490.8	552.4	634.6	612.0	583.2	634.6
85°	139.6	166.3	184.8	209.5	244.4	289.6	340.9	406.6	369.6	357.3	421.0
87.5°	8.2	2.1	0.0	4.1	34.9	67.8	145.8	201.3	168.4	180.7	217.7
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: P642336
 CATALOG NUMBER: GWS-SA6C-760-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0	3600.0
2.5°	3333.0	3386.4	3458.3	3517.8	3593.8	3665.7	3739.6	3813.6	3852.6	3869.0
5°	3096.8	3195.4	3310.4	3437.7	3585.6	3741.7	3899.8	4062.0	4164.7	4172.9
7.5°	2955.1	3096.8	3255.0	3415.2	3597.9	3813.6	4064.1	4314.6	4419.4	4448.1
10°	3000.3	3158.4	3283.7	3433.6	3634.9	3903.9	4199.6	4493.3	4614.5	4649.4
12.5°	3181.0	3211.8	3250.9	3388.5	3634.9	3981.9	4339.3	4688.4	4817.8	4850.6
15°	3331.0	3183.1	3113.3	3259.1	3585.6	4049.7	4487.1	4873.2	5029.3	5060.1
17.5°	3343.3	3088.6	2936.7	3068.1	3499.3	4096.9	4628.8	5078.6	5210.0	5238.8
20°	3218.0	2988.0	2790.9	2870.9	3382.3	4117.5	4731.5	5228.5	5357.9	5386.6
22.5°	3076.3	2905.9	2692.3	2688.2	3240.6	4140.1	4854.7	5370.2	5509.8	5528.3
25°	2942.8	2792.9	2612.2	2554.7	3076.3	4183.2	5021.1	5583.8	5690.5	5696.7
27.5°	2786.7	2671.7	2548.5	2493.1	2932.6	4265.3	5267.5	5838.4	5902.1	5891.8
30°	2645.0	2558.8	2503.3	2486.9	2842.2	4327.0	5501.6	6088.9	6093.1	6058.1
32.5°	2495.1	2462.3	2462.3	2515.7	2768.3	4312.6	5692.6	6333.3	6294.3	6243.0
35°	2361.6	2367.8	2410.9	2536.2	2645.0	4168.8	5875.4	6639.3	6581.8	6507.9
37.5°	2234.3	2281.6	2343.2	2464.3	2482.8	3955.2	6088.9	7072.6	7000.8	6908.3
40°	2125.5	2197.4	2269.2	2328.8	2310.3	3651.3	6386.7	7581.9	7501.8	7395.0
42.5°	2039.2	2109.1	2189.1	2195.3	2201.5	3335.1	6703.0	8206.2	8191.8	8074.8
45°	1983.8	2029.0	2104.9	2094.7	2195.3	2985.9	6994.6	9159.1	9348.0	9259.7
47.5°	1946.8	1981.7	1989.9	2033.1	2248.7	2673.8	7370.4	11023.8	11549.5	11448.9
50°	1926.3	1961.2	1868.8	2037.2	2256.9	2472.5	7890.0	13364.9	14211.0	14077.5
52.5°	1924.2	1916.0	1776.4	2080.3	2211.7	2349.3	8161.0	15073.5	16950.5	17240.0
55°	1928.3	1825.7	1729.1	2092.6	2121.4	2304.1	7253.3	15894.9	19478.5	20090.4
57.5°	1891.4	1727.1	1755.8	2043.3	1950.9	2425.3	5362.0	15601.3	20488.8	21626.5
60°	1821.6	1632.6	1805.1	1909.9	1776.4	2217.9	3692.4	14291.1	19441.5	20612.1
62.5°	1720.9	1566.9	1799.0	1737.4	1712.7	1815.4	2538.3	12457.2	17780.1	18924.0
65°	1608.0	1513.5	1702.4	1571.0	1585.4	1396.5	1794.9	10387.1	15796.4	16921.7
67.5°	1486.8	1480.7	1560.7	1398.5	1339.0	1106.9	1308.1	8325.3	13247.8	14262.3
70°	1349.2	1394.4	1419.0	1242.4	1086.4	868.7	971.4	5822.0	9773.1	10656.2
72.5°	1211.6	1215.7	1250.6	1080.2	813.2	696.2	729.0	3526.0	6639.3	7282.1
75°	1072.0	1033.0	1065.8	878.9	605.8	570.9	562.7	2178.9	4585.7	5092.9
77.5°	922.1	878.9	835.8	661.3	486.7	441.5	431.3	1221.9	2813.4	3125.6
80°	749.6	692.1	624.3	484.7	355.3	316.3	314.2	595.5	1402.6	1562.8
82.5°	583.2	474.4	455.9	301.9	219.7	193.0	205.4	228.0	423.0	472.3
85°	408.7	345.0	242.3	121.2	98.6	80.1	78.0	67.8	112.9	125.3
87.5°	228.0	149.9	78.0	14.4	16.4	18.5	14.4	10.3	10.3	10.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)