

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: P642721

Luminaire Tested: GWS-SA6D-740-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642721
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-SA6D-740-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33917.5 lumens
Efficiency: N/A
Efficacy: 138.0 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): 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

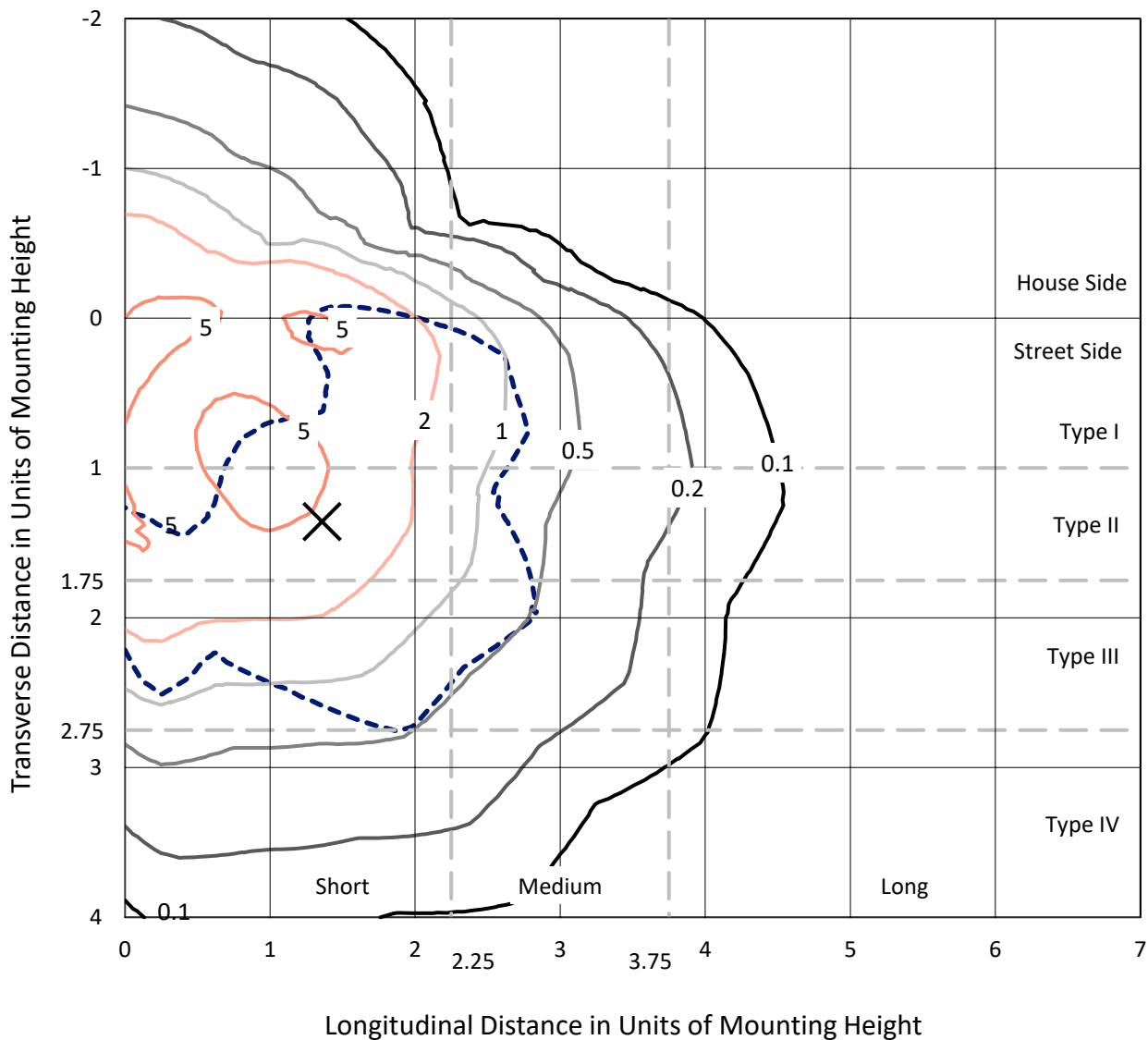


REPORT NUMBER: P642721

CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

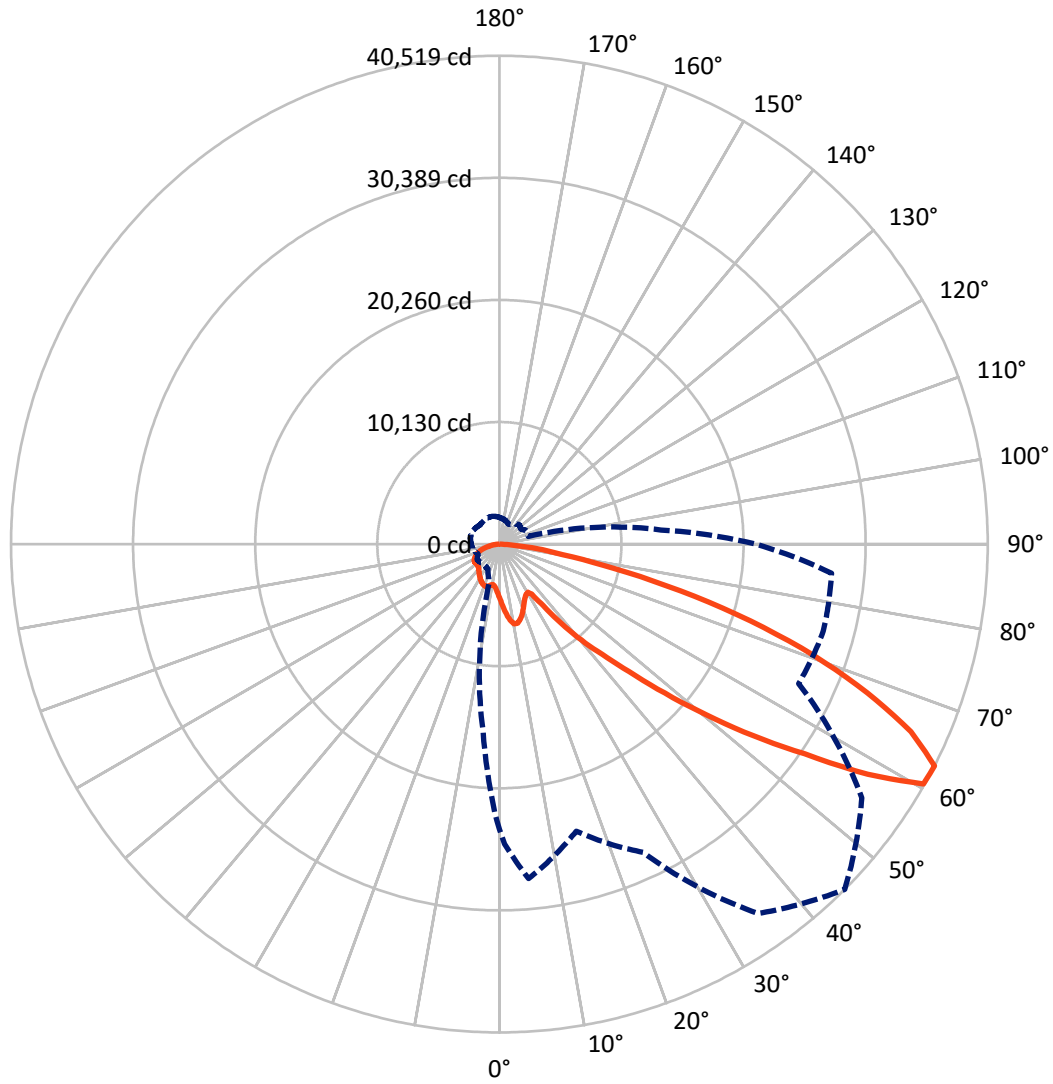
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.1 fc
 Type III - Short - N/A

REPORT NUMBER: P642721
CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P642721

CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8093.4	0.0	8093.4
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	25824.1	0.0	25824.1
	% Fixture	76.1	0.0	76.1
Total	Lumens	33917.5	0.0	33917.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	439.6	1.3
10°-20°	1378.2	4.1
20°-30°	2140.6	6.3
30°-40°	2906.4	8.6
40°-50°	4606.4	13.6
50°-60°	8125.7	24.0
60°-70°	9041.0	26.7
70°-80°	4585.3	13.5
80°-90°	694.3	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°	33917.5	100.0
0°-180°	33917.5	100.0

Coefficient of Utilization



REPORT NUMBER: P642721

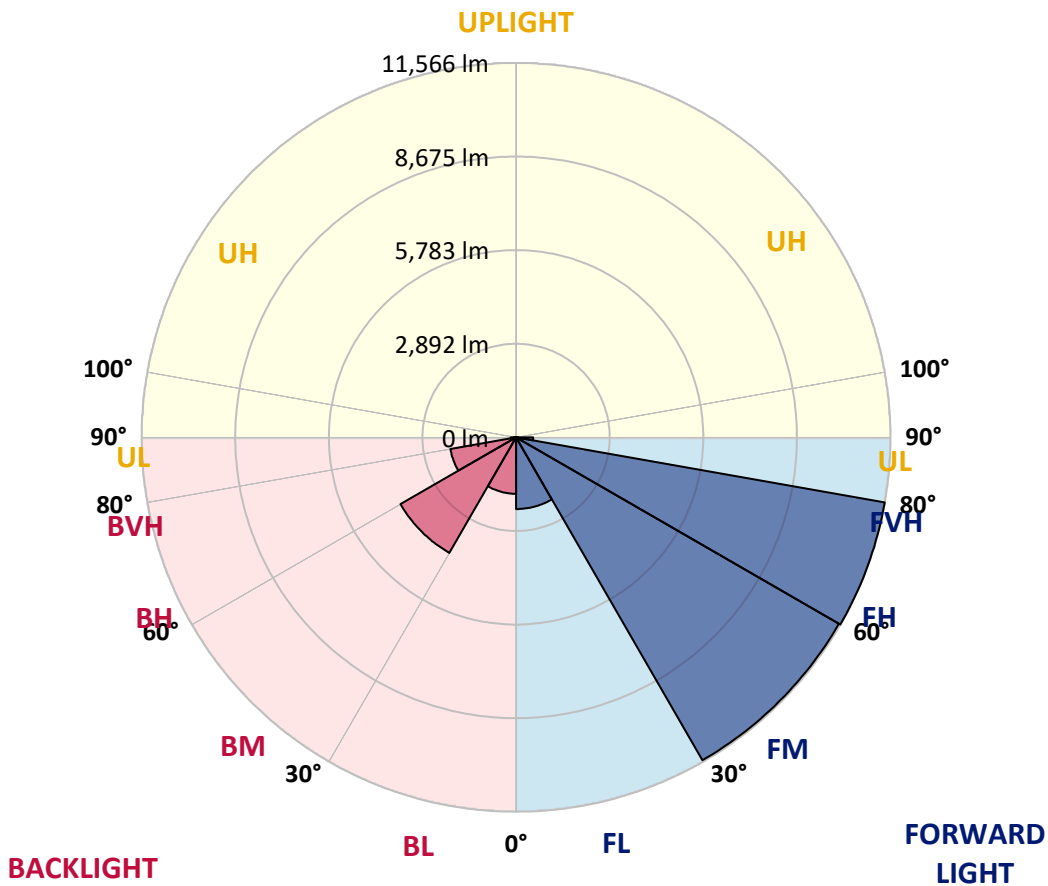
CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2214.5	6.5			
FM (30°-60°)	11516.5	34.0			
FH (60°-80°)	11566.2	34.1			G4/12000
FVH (80°-90°)	527.0	1.6			G4/750
BL (0°-30°)	1743.9	5.1	B3/2500		
BM (30°-60°)	4122.0	12.2	B3/5000		
BH (60°-80°)	2060.1	6.1	B3/2500		G3/2500
BVH (80°-90°)	167.3	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: P642721
 CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5
2.5°	4837.9	4835.4	4884.2	4958.6	5028.0	5058.8	5110.1	5105.0	5063.9	5010.0	4992.0
5°	5218.0	5228.3	5313.0	5477.4	5659.7	5736.7	5770.1	5757.3	5682.8	5587.8	5420.9
7.5°	5562.1	5580.1	5711.0	5957.5	6183.5	6286.2	6368.4	6353.0	6245.2	6068.0	5821.5
10°	5813.7	5834.3	5990.9	6281.1	6532.8	6622.6	6727.9	6733.1	6638.0	6399.2	6147.6
12.5°	6065.4	6085.9	6232.3	6496.8	6661.2	6663.7	6725.4	6758.7	6763.9	6653.5	6401.8
15°	6327.3	6345.3	6478.8	6627.8	6620.1	6476.3	6476.3	6540.5	6681.7	6761.3	6586.7
17.5°	6550.7	6573.8	6676.6	6627.8	6399.2	6139.9	6109.1	6191.2	6437.7	6743.3	6725.4
20°	6735.6	6753.6	6810.1	6486.5	6070.5	5731.6	5672.5	5767.5	6101.4	6632.9	6830.6
22.5°	6912.8	6923.1	6892.3	6301.6	5716.2	5328.4	5256.5	5356.7	5716.2	6437.7	6920.5
25°	7123.4	7113.1	6966.7	6109.1	5392.6	5010.0	4935.5	5048.5	5423.4	6178.4	7018.1
27.5°	7367.3	7328.8	7030.9	5901.1	5143.5	4773.7	4722.4	4843.1	5192.3	5939.6	7095.1
30°	7575.3	7500.9	7041.2	5716.2	5015.1	4673.6	4642.8	4755.8	5079.3	5777.8	7192.7
32.5°	7806.4	7703.7	7100.3	5667.4	5087.0	4915.0	4956.1	4963.8	5110.1	5731.6	7339.1
35°	8137.7	8004.2	7262.0	5808.6	5826.6	6116.8	6265.7	6065.4	5574.9	5834.3	7616.4
37.5°	8638.4	8469.0	7590.7	6419.8	7354.5	8004.2	8363.7	7906.6	6987.3	6222.0	8035.0
40°	9247.0	9031.3	8011.9	7549.7	8782.2	9822.3	10461.7	9791.4	8440.7	7190.1	8623.0
42.5°	10097.0	9871.0	8828.5	8659.0	10104.7	11653.2	12487.7	11488.8	9722.1	8440.7	9565.5
45°	11578.7	11360.4	10325.6	9770.9	11653.2	13907.8	15078.8	13689.5	11024.0	9696.4	11327.0
47.5°	14316.1	14059.3	12549.4	11003.5	13419.9	16835.2	18473.5	16450.0	12377.3	11134.5	14285.3
50°	17603.0	17356.5	15340.7	12462.1	15371.5	19965.5	22243.2	19693.3	13936.0	12883.2	17821.3
52.5°	21557.6	21511.4	19323.5	14305.8	17402.7	23303.8	26426.4	23285.8	15643.7	15238.0	21827.2
55°	25121.9	25573.8	24382.3	17117.7	20027.1	27497.2	30727.6	27204.4	17960.0	19130.9	26518.8
57.5°	27042.7	28257.3	30088.2	22854.4	23843.0	32509.7	36035.5	31988.4	21940.2	25612.3	30868.8
60°	25774.1	27150.5	30468.2	27173.6	27628.1	36525.9	40416.3	36009.8	25848.6	30111.3	30622.3
62.5°	23663.3	24898.4	27849.0	24651.9	28213.6	37409.3	40519.0	36710.8	27402.2	27828.4	27661.5
65°	21159.6	22405.0	25530.2	21519.1	26351.9	35311.3	37530.0	34648.8	24610.8	25142.4	25204.0
67.5°	17834.1	18984.6	22166.2	19133.5	24020.2	32232.4	32941.1	31711.1	22664.4	23511.8	22625.8
70°	13324.9	14362.3	17171.6	15548.7	20248.0	28221.3	27648.7	27831.0	20479.1	21321.4	18899.8
72.5°	9105.8	9886.5	12295.1	12218.1	15505.0	22592.5	21793.8	23522.0	17104.8	18221.9	14408.5
75°	6368.4	6977.0	8887.5	9652.8	11719.9	16745.3	15520.4	17605.6	13358.3	14952.9	10513.0
77.5°	3908.4	4311.5	5613.4	7151.6	7539.4	11460.6	9639.9	13247.8	9380.6	10905.9	7013.0
80°	1954.2	2149.3	2727.1	4496.4	4999.7	6753.6	5323.3	7690.9	6347.9	6753.6	3880.1
82.5°	590.6	652.2	798.6	1707.7	2591.0	3887.8	3145.7	4468.2	3466.7	3166.2	1527.9
85°	156.6	177.2	220.8	505.9	909.0	1394.4	1063.1	2164.7	1661.4	1168.4	575.2
87.5°	12.8	12.8	10.3	10.3	5.1	0.0	0.0	154.1	310.7	177.2	100.1
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: P642721
 CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5
2.5°	4902.1	4891.9	4786.6	4709.5	4619.7	4532.4	4442.5	4362.9	4273.0	4183.1	4157.4
5°	5297.6	5225.7	5002.3	4814.8	4629.9	4468.2	4326.9	4180.6	4062.4	3946.9	3903.2
7.5°	5646.8	5521.0	5197.4	4912.4	4655.6	4455.3	4247.3	4034.2	3867.3	3702.9	3661.8
10°	5962.7	5795.8	5387.5	5028.0	4742.9	4514.4	4270.4	3985.4	3744.0	3543.7	3489.8
12.5°	6196.4	6014.0	5551.8	5138.4	4814.8	4558.0	4316.7	4065.0	3810.8	3551.4	3492.4
15°	6381.3	6191.2	5687.9	5223.1	4817.4	4486.1	4252.5	4165.1	4085.5	3831.3	3723.5
17.5°	6530.2	6329.9	5806.0	5274.5	4748.1	4267.9	4065.0	4193.4	4396.3	4237.1	4034.2
20°	6666.3	6463.4	5895.9	5310.4	4594.0	3967.4	3854.4	4126.6	4432.2	4427.1	4244.8
22.5°	6815.2	6617.5	6026.9	5331.0	4378.3	3661.8	3728.6	4029.0	4278.1	4352.6	4239.6
25°	7005.3	6830.6	6209.2	5377.2	4134.3	3451.3	3636.2	3903.2	4111.2	4129.2	4062.4
27.5°	7226.1	7095.1	6481.4	5485.1	3898.1	3343.4	3528.3	3726.0	3916.1	3923.8	3844.2
30°	7467.5	7380.2	6733.1	5574.9	3720.9	3310.0	3389.6	3548.9	3669.5	3690.1	3620.8
32.5°	7775.6	7698.6	6956.5	5515.9	3615.6	3302.3	3261.2	3343.4	3443.6	3443.6	3389.6
35°	8199.3	8091.5	7192.7	5289.9	3487.2	3271.5	3125.1	3148.3	3191.9	3199.6	3168.8
37.5°	8800.2	8623.0	7431.5	4843.1	3276.7	3161.1	2968.5	2940.3	2955.7	2976.2	2968.5
40°	9544.9	9254.7	7780.8	4306.4	3025.0	2948.0	2806.7	2752.8	2740.0	2781.0	2796.5
42.5°	10482.2	10038.0	8155.7	3805.6	2796.5	2704.0	2616.7	2570.5	2549.9	2619.3	2660.4
45°	11979.3	11247.4	8515.2	3310.0	2668.1	2496.0	2436.9	2403.6	2413.8	2496.0	2547.4
47.5°	14565.2	13093.8	8856.7	2996.8	2657.8	2347.1	2275.2	2282.9	2311.1	2398.4	2460.1
50°	17836.7	15566.7	9085.3	2865.8	2688.6	2257.2	2162.2	2203.3	2246.9	2331.7	2403.6
52.5°	21167.3	17870.1	8813.1	2793.9	2686.0	2259.8	2056.9	2180.2	2200.7	2285.4	2362.5
55°	23457.9	18126.9	7613.9	2683.5	2644.9	2362.5	1974.7	2169.9	2182.7	2259.8	2329.1
57.5°	24330.9	17248.6	5806.0	2714.3	2521.7	2442.1	1938.8	2098.0	2190.4	2257.2	2329.1
60°	23275.5	15592.3	3528.3	2793.9	2324.0	2436.9	1961.9	1967.0	2126.2	2239.2	2311.1
62.5°	21285.4	13466.1	2478.0	2567.9	2180.2	2300.8	2015.8	1812.9	2013.2	2149.3	2213.5
65°	19005.1	10965.0	1890.0	2211.0	2110.8	2090.3	2033.8	1676.8	1859.2	1992.7	2049.2
67.5°	16629.8	8522.9	1535.6	1648.6	1908.0	1890.0	1859.2	1556.2	1676.8	1771.9	1836.1
70°	13638.2	5962.7	1296.8	1237.7	1635.8	1694.8	1625.5	1404.6	1443.2	1540.7	1592.1
72.5°	9976.3	3715.8	1065.7	1022.0	1314.8	1481.7	1445.7	1237.7	1255.7	1348.2	1389.2
75°	7174.7	2126.2	855.1	842.3	1004.1	1268.5	1196.6	1065.7	1086.2	1155.6	1183.8
77.5°	4560.6	1183.8	660.0	677.9	719.0	947.6	1022.0	911.6	911.6	952.7	975.8
80°	2442.1	677.9	482.8	490.5	503.3	724.2	806.3	706.2	706.2	677.9	706.2
82.5°	996.3	390.3	331.3	308.1	336.4	495.6	564.9	449.4	469.9	423.7	434.0
85°	328.7	195.2	164.3	161.8	159.2	218.3	272.2	223.4	267.1	169.5	177.2
87.5°	43.7	36.0	20.5	15.4	18.0	7.7	15.4	18.0	18.0	12.8	12.8
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: P642721
 CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5
2.5°	4139.5	4118.9	4044.5	4062.4	4049.6	4029.0	4049.6	4011.1	4041.9	4052.2	4116.4
5°	3869.8	3821.0	3749.1	3713.2	3705.5	3684.9	3687.5	3669.5	3674.7	3718.3	3790.2
7.5°	3628.5	3582.2	3525.7	3500.1	3476.9	3453.8	3451.3	3448.7	3469.2	3507.8	3577.1
10°	3453.8	3428.2	3405.0	3415.3	3405.0	3394.8	3376.8	3376.8	3410.2	3479.5	3564.3
12.5°	3453.8	3448.7	3453.8	3484.7	3482.1	3484.7	3461.5	3474.4	3566.8	3684.9	3805.6
15°	3638.7	3597.6	3597.6	3613.0	3607.9	3607.9	3607.9	3661.8	3872.4	4054.7	4183.1
17.5°	3864.7	3744.0	3692.7	3684.9	3682.4	3682.4	3692.7	3808.2	4136.9	4329.5	4404.0
20°	4021.3	3792.8	3708.1	3674.7	3677.2	3682.4	3713.2	3872.4	4234.5	4332.1	4314.1
22.5°	4049.6	3754.3	3651.6	3602.8	3610.5	3615.6	3661.8	3831.3	4101.0	4116.4	4080.4
25°	3918.6	3646.4	3536.0	3497.5	3507.8	3505.2	3546.3	3669.5	3862.1	3857.0	3836.5
27.5°	3723.5	3474.4	3392.2	3366.5	3384.5	3364.0	3376.8	3471.8	3620.8	3615.6	3607.9
30°	3523.2	3307.5	3233.0	3220.2	3243.3	3212.5	3215.0	3294.6	3397.3	3392.2	3389.6
32.5°	3322.9	3140.6	3073.8	3073.8	3096.9	3063.5	3068.7	3138.0	3207.3	3186.8	3186.8
35°	3132.8	3004.5	2950.5	2940.3	2958.2	2935.1	2945.4	3009.6	3035.3	3007.0	2989.0
37.5°	2965.9	2909.4	2855.5	2819.6	2822.1	2824.7	2855.5	2904.3	2888.9	2847.8	2824.7
40°	2811.9	2811.9	2760.5	2693.7	2686.0	2704.0	2755.4	2809.3	2765.6	2719.4	2691.2
42.5°	2701.4	2724.6	2675.8	2609.0	2593.6	2624.4	2680.9	2719.4	2668.1	2616.7	2578.2
45°	2598.7	2655.2	2621.8	2547.4	2526.8	2562.8	2634.7	2650.1	2580.7	2532.0	2503.7
47.5°	2526.8	2603.9	2580.7	2508.8	2478.0	2529.4	2603.9	2601.3	2514.0	2462.6	2439.5
50°	2475.5	2573.0	2570.5	2508.8	2475.5	2539.7	2606.4	2573.0	2478.0	2424.1	2401.0
52.5°	2434.4	2570.5	2588.5	2552.5	2529.4	2585.9	2627.0	2562.8	2452.4	2395.9	2377.9
55°	2416.4	2580.7	2593.6	2560.2	2539.7	2591.0	2627.0	2583.3	2452.4	2401.0	2385.6
57.5°	2421.5	2567.9	2570.5	2524.3	2488.3	2552.5	2609.0	2596.2	2480.6	2421.5	2403.6
60°	2390.7	2498.6	2503.7	2431.8	2390.7	2467.8	2567.9	2560.2	2467.8	2406.1	2372.7
62.5°	2288.0	2383.0	2385.6	2318.8	2259.8	2370.2	2480.6	2478.0	2393.3	2331.7	2293.1
65°	2116.0	2216.1	2241.8	2177.6	2131.4	2249.5	2365.0	2359.9	2275.2	2218.7	2180.2
67.5°	1902.8	2010.7	2059.5	2015.8	1997.8	2105.7	2213.5	2211.0	2141.6	2087.7	2054.3
70°	1643.5	1733.3	1815.5	1815.5	1802.7	1925.9	2041.5	2031.2	1967.0	1925.9	1900.3
72.5°	1427.8	1497.1	1522.8	1548.4	1587.0	1715.4	1812.9	1820.6	1774.4	1753.9	1774.4
75°	1214.6	1258.3	1281.4	1260.8	1327.6	1461.1	1589.5	1602.4	1553.6	1520.2	1527.9
77.5°	998.9	1047.7	1070.8	1024.6	1019.5	1188.9	1345.6	1373.8	1332.7	1281.4	1296.8
80°	721.6	785.8	824.3	793.5	783.2	857.7	1073.4	1104.2	1065.7	1024.6	1047.7
82.5°	441.7	477.6	487.9	518.7	582.9	613.7	690.8	793.5	765.2	729.3	793.5
85°	174.6	208.0	231.1	261.9	305.6	362.1	426.3	508.4	462.2	446.8	526.4
87.5°	10.3	2.6	0.0	5.1	43.7	84.7	182.3	251.7	210.6	226.0	272.2
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: P642721
 CATALOG NUMBER: GWS-SA6D-740-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5	4501.5
2.5°	4167.7	4234.5	4324.4	4398.8	4493.8	4583.7	4676.2	4768.6	4817.4	4837.9
5°	3872.4	3995.7	4139.5	4298.7	4483.6	4678.7	4876.5	5079.3	5207.7	5218.0
7.5°	3695.2	3872.4	4070.1	4270.4	4499.0	4768.6	5081.9	5395.2	5526.1	5562.1
10°	3751.7	3949.4	4106.1	4293.5	4545.2	4881.6	5251.4	5618.6	5770.1	5813.7
12.5°	3977.7	4016.2	4065.0	4237.1	4545.2	4979.2	5426.0	5862.5	6024.3	6065.4
15°	4165.1	3980.3	3893.0	4075.3	4483.6	5063.9	5610.9	6093.6	6288.8	6327.3
17.5°	4180.6	3862.1	3672.1	3836.5	4375.7	5123.0	5788.1	6350.4	6514.8	6550.7
20°	4023.9	3736.3	3489.8	3589.9	4229.3	5148.7	5916.5	6537.9	6699.7	6735.6
22.5°	3846.7	3633.6	3366.5	3361.4	4052.2	5176.9	6070.5	6715.1	6889.7	6912.8
25°	3679.8	3492.4	3266.4	3194.5	3846.7	5230.8	6278.5	6982.1	7115.7	7123.4
27.5°	3484.7	3340.8	3186.8	3117.4	3667.0	5333.5	6586.7	7300.6	7380.2	7367.3
30°	3307.5	3199.6	3130.3	3109.7	3554.0	5410.6	6879.4	7613.9	7619.0	7575.3
32.5°	3120.0	3078.9	3078.9	3145.7	3461.5	5392.6	7118.2	7919.4	7870.6	7806.4
35°	2953.1	2960.8	3014.7	3171.4	3307.5	5212.9	7346.8	8302.1	8230.1	8137.7
37.5°	2793.9	2852.9	2930.0	3081.5	3104.6	4945.8	7613.9	8843.9	8754.0	8638.4
40°	2657.8	2747.7	2837.5	2912.0	2888.9	4565.7	7986.2	9480.7	9380.6	9247.0
42.5°	2549.9	2637.2	2737.4	2745.1	2752.8	4170.3	8381.7	10261.4	10243.4	10097.0
45°	2480.6	2537.1	2632.1	2619.3	2745.1	3733.7	8746.3	11452.9	11689.1	11578.7
47.5°	2434.4	2478.0	2488.3	2542.2	2811.9	3343.4	9216.2	13784.5	14441.9	14316.1
50°	2408.7	2452.4	2336.8	2547.4	2822.1	3091.8	9865.9	16712.0	17769.9	17603.0
52.5°	2406.1	2395.9	2221.2	2601.3	2765.6	2937.7	10204.9	18848.5	21195.5	21557.6
55°	2411.3	2282.9	2162.2	2616.7	2652.7	2881.2	9069.9	19875.6	24356.6	25121.9
57.5°	2365.0	2159.6	2195.6	2555.1	2439.5	3032.7	6704.8	19508.4	25620.0	27042.7
60°	2277.7	2041.5	2257.2	2388.2	2221.2	2773.3	4617.1	17870.1	24310.4	25774.1
62.5°	2151.9	1959.3	2249.5	2172.5	2141.6	2270.0	3173.9	15576.9	22233.0	23663.3
65°	2010.7	1892.5	2128.8	1964.5	1982.4	1746.2	2244.4	12988.5	19752.4	21159.6
67.5°	1859.2	1851.5	1951.6	1748.7	1674.3	1384.1	1635.8	10410.3	16565.6	17834.1
70°	1687.1	1743.6	1774.4	1553.6	1358.4	1086.2	1214.6	7280.0	12220.7	13324.9
72.5°	1515.1	1520.2	1563.9	1350.7	1016.9	870.5	911.6	4409.1	8302.1	9105.8
75°	1340.4	1291.7	1332.7	1099.1	757.5	713.9	703.6	2724.6	5734.1	6368.4
77.5°	1153.0	1099.1	1045.1	826.9	608.6	552.1	539.3	1527.9	3518.0	3908.4
80°	937.3	865.4	780.6	606.0	444.2	395.5	392.9	744.7	1753.9	1954.2
82.5°	729.3	593.2	570.1	377.5	274.8	241.4	256.8	285.0	529.0	590.6
85°	511.0	431.4	303.0	151.5	123.3	100.1	97.6	84.7	141.2	156.6
87.5°	285.0	187.5	97.6	18.0	20.5	23.1	18.0	12.8	12.8	12.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)