

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: P642611

Luminaire Tested: GWS-SA6D-730-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642611
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-730-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30885.8 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

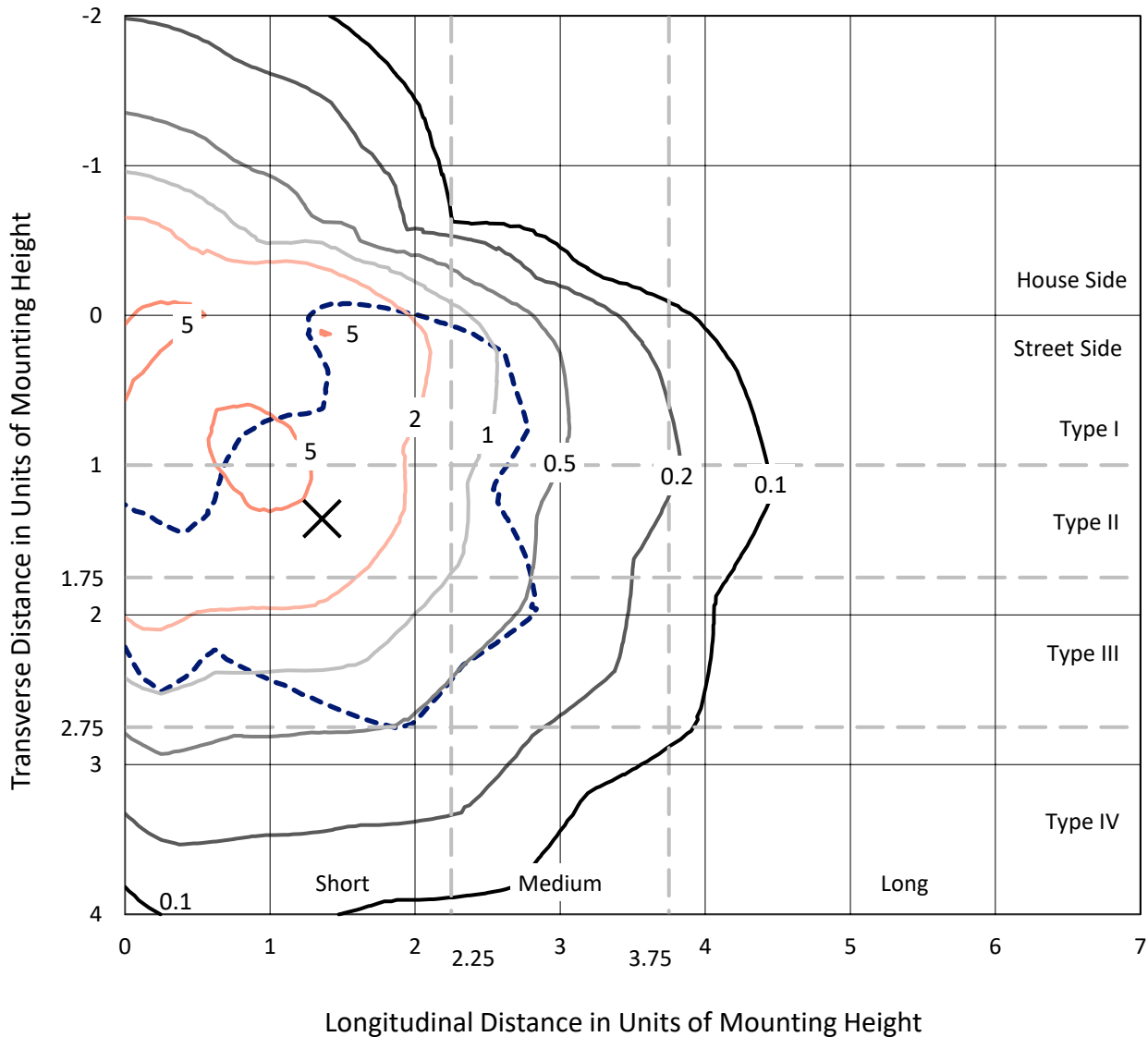
Input Watts (W): 245.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P642611
 CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

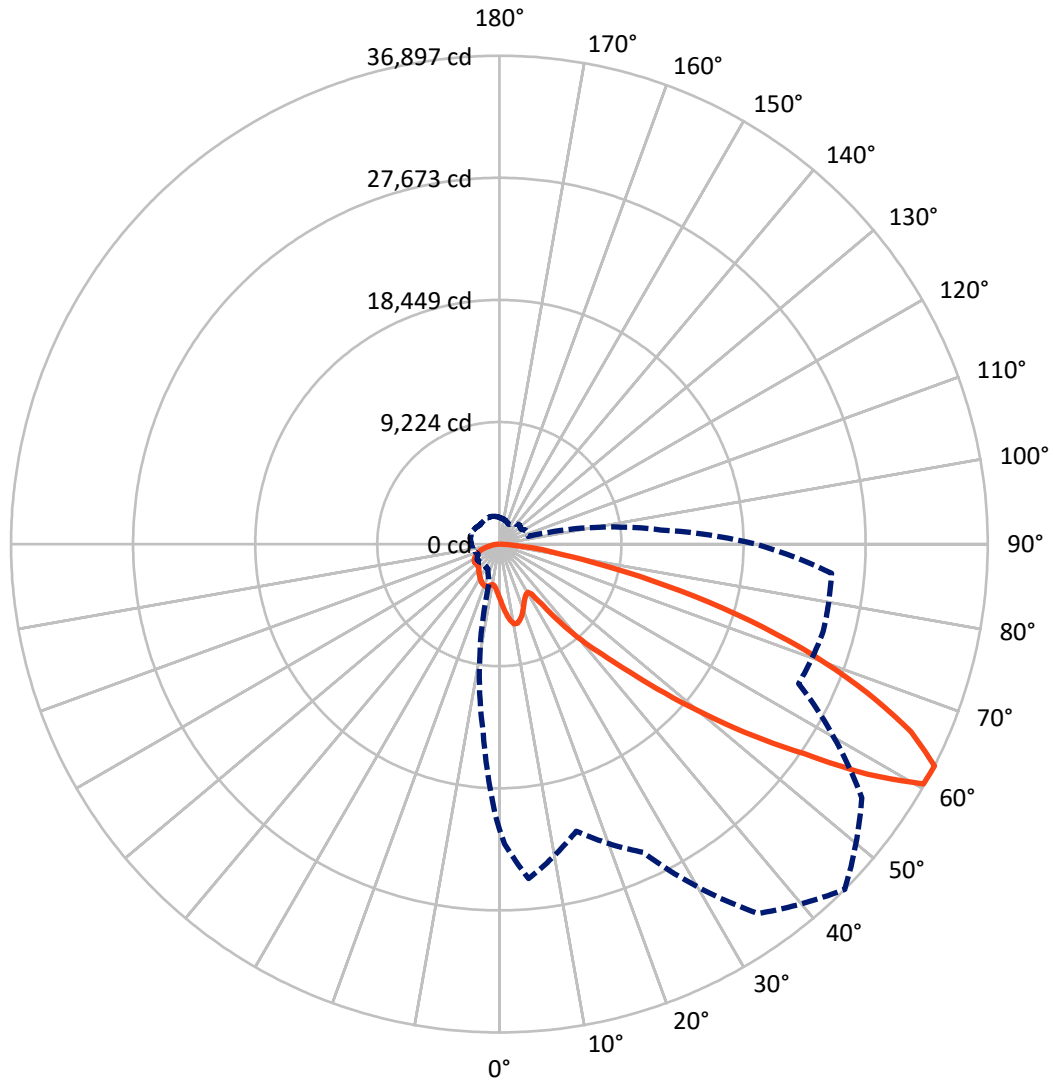
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 6.5 fc
 Type III - Short - N/A

REPORT NUMBER: P642611
CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P642611

CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

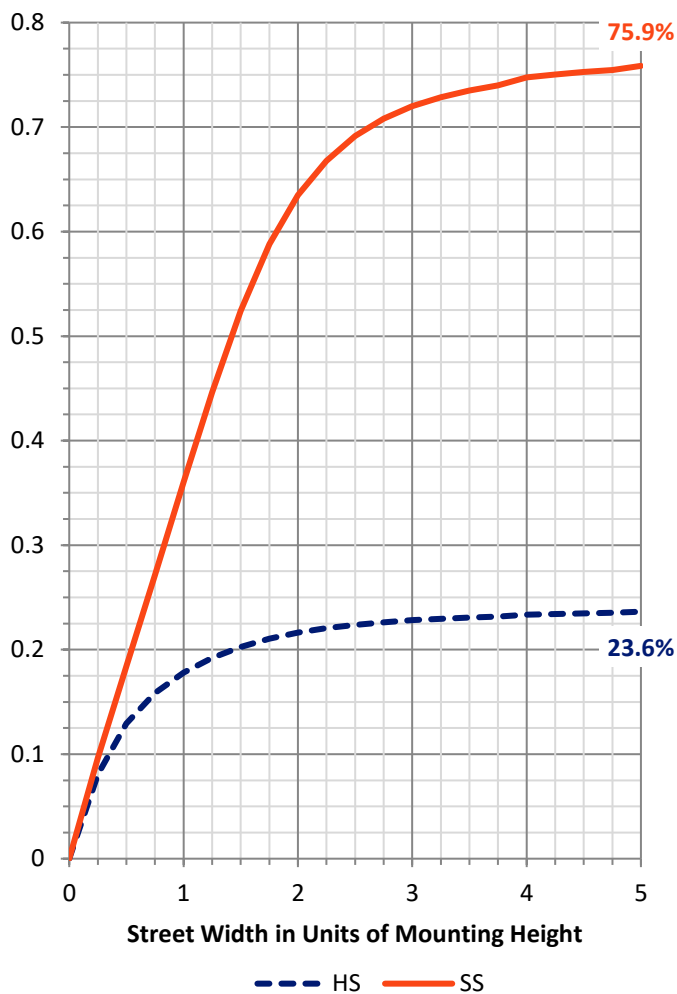
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7369.9	0.0	7369.9
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	23515.9	0.0	23515.9
	% Fixture	76.1	0.0	76.1
Total	Lumens	30885.8	0.0	30885.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	400.3	1.3
10°-20°	1255.0	4.1
20°-30°	1949.3	6.3
30°-40°	2646.6	8.6
40°-50°	4194.6	13.6
50°-60°	7399.3	24.0
60°-70°	8232.9	26.7
70°-80°	4175.4	13.5
80°-90°	632.2	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°	30885.8	100.0
0°-180°	30885.8	100.0

Coefficient of Utilization



REPORT NUMBER: P642611

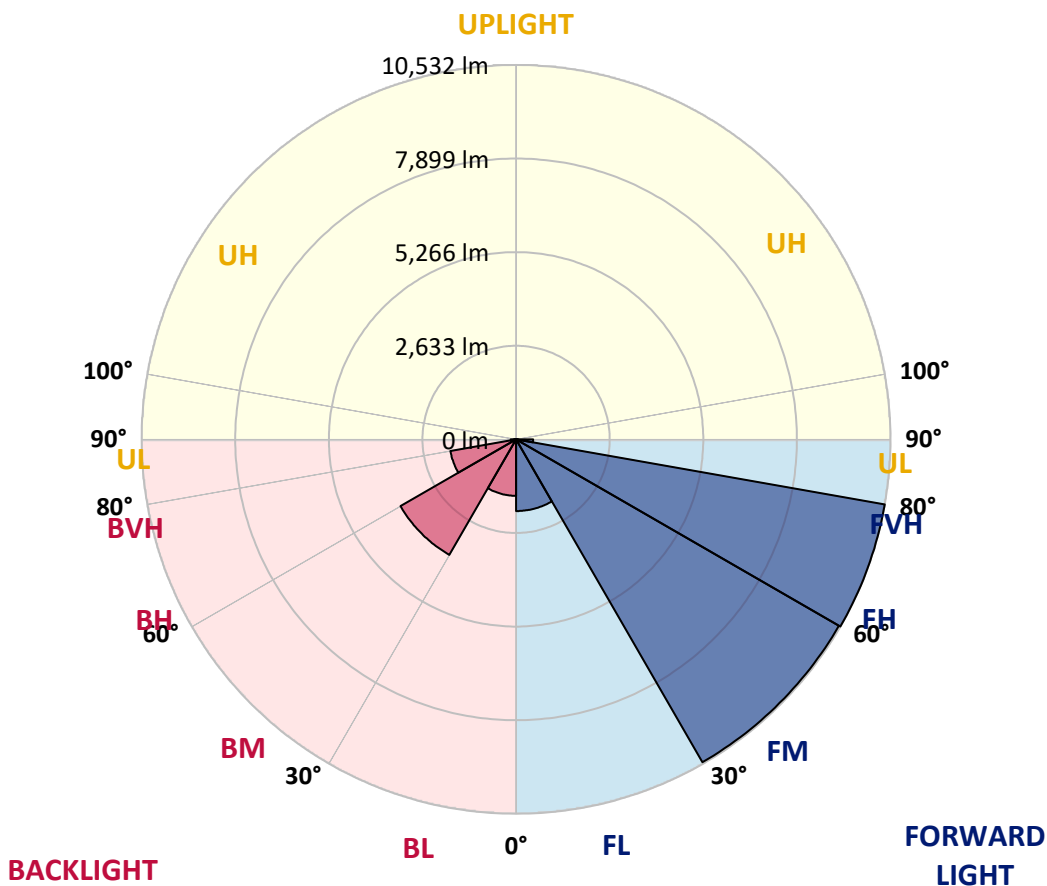
CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2016.6	6.5			
FM (30°-60°)	10487.1	34.0			
FH (60°-80°)	10532.3	34.1			G4/12000
FVH (80°-90°)	479.9	1.6			G3/500
BL (0°-30°)	1588.0	5.1	B3/2500		
BM (30°-60°)	3753.5	12.2	B3/5000		
BH (60°-80°)	1876.0	6.1	B3/2500		G3/2500
BVH (80°-90°)	152.4	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: P642611
 CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2
2.5°	4405.5	4403.2	4447.6	4515.4	4578.5	4606.6	4653.4	4648.7	4611.3	4562.2	4545.8
5°	4751.6	4760.9	4838.1	4987.8	5153.8	5223.9	5254.3	5242.6	5174.8	5088.3	4936.3
7.5°	5064.9	5081.3	5200.6	5425.0	5630.8	5724.3	5799.2	5785.1	5686.9	5525.6	5301.1
10°	5294.1	5312.8	5455.4	5719.7	5948.8	6030.7	6126.5	6131.2	6044.7	5827.2	5598.1
12.5°	5523.2	5542.0	5675.2	5916.1	6065.8	6068.1	6124.2	6154.6	6159.3	6058.7	5829.6
15°	5761.8	5778.1	5899.7	6035.4	6028.3	5897.4	5897.4	5955.8	6084.5	6156.9	5997.9
17.5°	5965.2	5986.2	6079.8	6035.4	5827.2	5591.1	5563.0	5637.8	5862.3	6140.6	6124.2
20°	6133.6	6149.9	6201.4	5906.7	5527.9	5219.3	5165.5	5252.0	5556.0	6040.0	6220.1
22.5°	6294.9	6304.3	6276.2	5738.4	5205.2	4852.1	4786.7	4877.9	5205.2	5862.3	6301.9
25°	6486.7	6477.3	6344.0	5563.0	4910.6	4562.2	4494.4	4597.3	4938.7	5626.1	6390.8
27.5°	6708.8	6673.7	6402.5	5373.6	4683.8	4347.0	4300.3	4410.2	4728.2	5408.7	6460.9
30°	6898.2	6830.4	6411.8	5205.2	4566.9	4255.8	4227.8	4330.7	4625.3	5261.4	6549.8
32.5°	7108.7	7015.1	6465.6	5160.8	4632.3	4475.7	4513.1	4520.1	4653.4	5219.3	6683.1
35°	7410.3	7288.7	6612.9	5289.4	5305.8	5570.0	5705.6	5523.2	5076.6	5312.8	6935.6
37.5°	7866.3	7712.0	6912.2	5845.9	6697.1	7288.7	7616.1	7199.9	6362.7	5665.9	7316.8
40°	8420.5	8224.1	7295.7	6874.8	7997.3	8944.3	9526.6	8916.2	7686.2	6547.5	7852.3
42.5°	9194.5	8988.7	8039.3	7885.0	9201.5	10611.6	11371.5	10461.9	8853.1	7686.2	8710.5
45°	10543.7	10345.0	9402.6	8897.5	10611.6	12664.7	13731.0	12465.9	10038.7	8829.7	10314.6
47.5°	13036.5	12802.6	11427.7	10019.9	12220.4	15330.4	16822.3	14979.6	11271.0	10139.2	13008.4
50°	16029.6	15805.1	13969.5	11348.1	13997.5	18180.9	20255.0	17933.0	12690.4	11731.6	16228.3
52.5°	19630.7	19588.6	17596.3	13027.1	15847.2	21220.8	24064.2	21204.4	14245.4	13875.9	19876.2
55°	22876.4	23287.9	22202.9	15587.6	18237.0	25039.4	27981.0	24772.8	16354.6	17420.9	24148.4
57.5°	24625.5	25731.5	27398.8	20811.6	21711.8	29603.9	32814.5	29129.2	19979.1	23323.0	28109.6
60°	23470.3	24723.7	27744.9	24744.7	25158.6	33261.1	36803.7	32791.1	23538.1	27419.8	27885.2
62.5°	21548.2	22672.9	25359.7	22448.4	25691.8	34065.5	36897.3	33429.4	24952.8	25341.0	25189.0
65°	19268.2	20402.3	23248.2	19595.6	23996.4	32155.0	34175.4	31551.7	22411.0	22895.1	22951.2
67.5°	16240.0	17287.6	20184.9	17423.3	21873.2	29351.3	29996.7	28876.6	20638.5	21410.2	20603.4
70°	12133.8	13078.5	15636.7	14158.9	18438.1	25698.8	25177.3	25343.3	18648.6	19415.6	17210.5
72.5°	8291.9	9002.8	11196.2	11126.0	14119.1	20573.0	19845.8	21419.5	15575.9	16593.1	13120.6
75°	5799.2	6353.4	8093.1	8790.0	10672.4	15248.6	14133.2	16031.9	12164.2	13616.4	9573.3
77.5°	3559.0	3926.1	5111.7	6512.4	6865.5	10436.2	8778.3	12063.7	8542.1	9931.1	6386.1
80°	1779.5	1957.2	2483.4	4094.5	4552.8	6149.9	4847.5	7003.4	5780.5	6149.9	3533.3
82.5°	537.8	593.9	727.2	1555.0	2359.4	3540.3	2864.5	4068.8	3156.8	2883.2	1391.3
85°	142.6	161.3	201.1	460.7	827.8	1269.7	968.1	1971.3	1512.9	1064.0	523.8
87.5°	11.7	11.7	9.4	9.4	4.7	0.0	0.0	140.3	282.9	161.3	91.2
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: P642611
 CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2
2.5°	4464.0	4454.6	4358.7	4288.6	4206.7	4127.2	4045.4	3972.9	3891.1	3809.2	3785.8
5°	4824.1	4758.6	4555.2	4384.5	4216.1	4068.8	3940.2	3806.9	3699.3	3594.1	3554.3
7.5°	5142.1	5027.5	4732.9	4473.3	4239.5	4057.1	3867.7	3673.6	3521.6	3371.9	3334.5
10°	5429.7	5277.7	4905.9	4578.5	4319.0	4110.9	3888.7	3629.2	3409.4	3227.0	3177.9
12.5°	5642.5	5476.5	5055.6	4679.1	4384.5	4150.6	3930.8	3701.7	3470.2	3234.0	3180.2
15°	5810.9	5637.8	5179.5	4756.3	4386.8	4085.1	3872.4	3792.8	3720.4	3488.9	3390.6
17.5°	5946.5	5764.1	5287.1	4803.0	4323.7	3886.4	3701.7	3818.6	4003.3	3858.3	3673.6
20°	6070.4	5885.7	5368.9	4835.8	4183.4	3612.8	3509.9	3757.8	4036.0	4031.4	3865.3
22.5°	6206.1	6026.0	5488.2	4854.5	3986.9	3334.5	3395.3	3668.9	3895.7	3963.6	3860.7
25°	6379.1	6220.1	5654.2	4896.6	3764.8	3142.8	3311.1	3554.3	3743.7	3760.1	3699.3
27.5°	6580.2	6460.9	5902.1	4994.8	3549.7	3044.6	3212.9	3393.0	3566.0	3573.0	3500.6
30°	6800.0	6720.5	6131.2	5076.6	3388.3	3014.2	3086.7	3231.6	3341.5	3360.2	3297.1
32.5°	7080.6	7010.5	6334.7	5022.8	3292.4	3007.2	2969.7	3044.6	3135.8	3135.8	3086.7
35°	7466.4	7368.2	6549.8	4817.1	3175.5	2979.1	2845.8	2866.9	2906.6	2913.6	2885.6
37.5°	8013.6	7852.3	6767.3	4410.2	2983.8	2878.5	2703.2	2677.4	2691.5	2710.2	2703.2
40°	8691.8	8427.5	7085.3	3921.5	2754.6	2684.5	2555.8	2506.7	2495.0	2532.5	2546.5
42.5°	9545.3	9140.7	7426.7	3465.5	2546.5	2462.3	2382.8	2340.7	2322.0	2385.1	2422.6
45°	10908.5	10242.1	7754.1	3014.2	2429.6	2272.9	2219.1	2188.7	2198.1	2272.9	2319.7
47.5°	13263.3	11923.4	8065.1	2728.9	2420.2	2137.3	2071.8	2078.8	2104.5	2184.0	2240.2
50°	16242.4	14175.2	8273.2	2609.6	2448.3	2055.4	1968.9	2006.3	2046.1	2123.2	2188.7
52.5°	19275.2	16272.8	8025.3	2544.2	2445.9	2057.8	1873.0	1985.3	2004.0	2081.2	2151.3
55°	21361.1	16506.6	6933.3	2443.6	2408.5	2151.3	1798.2	1975.9	1987.6	2057.8	2120.9
57.5°	22156.1	15706.9	5287.1	2471.7	2296.3	2223.8	1765.5	1910.5	1994.6	2055.4	2120.9
60°	21195.1	14198.6	3212.9	2544.2	2116.2	2219.1	1786.5	1791.2	1936.2	2039.1	2104.5
62.5°	19382.8	12262.5	2256.5	2338.4	1985.3	2095.2	1835.6	1650.9	1833.3	1957.2	2015.7
65°	17306.3	9984.9	1721.0	2013.3	1922.1	1903.4	1852.0	1527.0	1693.0	1814.6	1866.0
67.5°	15143.3	7761.1	1398.3	1501.2	1737.4	1721.0	1693.0	1417.1	1527.0	1613.5	1671.9
70°	12419.1	5429.7	1180.9	1127.1	1489.5	1543.3	1480.2	1279.1	1314.2	1403.0	1449.8
72.5°	9084.6	3383.6	970.4	930.7	1197.2	1349.2	1316.5	1127.1	1143.5	1227.6	1265.1
75°	6533.4	1936.2	778.7	767.0	914.3	1155.2	1089.7	970.4	989.1	1052.3	1078.0
77.5°	4153.0	1078.0	601.0	617.3	654.7	862.9	930.7	830.1	830.1	867.5	888.6
80°	2223.8	617.3	439.6	446.6	458.3	659.4	734.3	643.1	643.1	617.3	643.1
82.5°	907.3	355.4	301.7	280.6	306.3	451.3	514.4	409.2	427.9	385.8	395.2
85°	299.3	177.7	149.7	147.3	145.0	198.8	247.9	203.4	243.2	154.3	161.3
87.5°	39.8	32.7	18.7	14.0	16.4	7.0	14.0	16.4	16.4	11.7	11.7
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: P642611
 CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2
2.5°	3769.5	3750.8	3682.9	3699.3	3687.6	3668.9	3687.6	3652.5	3680.6	3690.0	3748.4
5°	3523.9	3479.5	3414.0	3381.3	3374.3	3355.6	3357.9	3341.5	3346.2	3386.0	3451.4
7.5°	3304.1	3262.0	3210.6	3187.2	3166.2	3145.1	3142.8	3140.4	3159.1	3194.2	3257.4
10°	3145.1	3121.7	3100.7	3110.0	3100.7	3091.3	3075.0	3075.0	3105.4	3168.5	3245.7
12.5°	3145.1	3140.4	3145.1	3173.2	3170.8	3173.2	3152.1	3163.8	3248.0	3355.6	3465.5
15°	3313.5	3276.1	3276.1	3290.1	3285.4	3285.4	3285.4	3334.5	3526.3	3692.3	3809.2
17.5°	3519.3	3409.4	3362.6	3355.6	3353.2	3353.2	3362.6	3467.8	3767.1	3942.5	4010.3
20°	3661.9	3453.8	3376.6	3346.2	3348.6	3353.2	3381.3	3526.3	3856.0	3944.8	3928.5
22.5°	3687.6	3418.7	3325.2	3280.7	3287.8	3292.4	3334.5	3488.9	3734.4	3748.4	3715.7
25°	3568.4	3320.5	3219.9	3184.9	3194.2	3191.9	3229.3	3341.5	3516.9	3512.2	3493.5
27.5°	3390.6	3163.8	3089.0	3065.6	3082.0	3063.3	3075.0	3161.5	3297.1	3292.4	3285.4
30°	3208.3	3011.8	2944.0	2932.3	2953.4	2925.3	2927.6	3000.1	3093.7	3089.0	3086.7
32.5°	3025.9	2859.8	2799.0	2799.0	2820.1	2789.7	2794.4	2857.5	2920.6	2901.9	2901.9
35°	2852.8	2735.9	2686.8	2677.4	2693.8	2672.8	2682.1	2740.6	2764.0	2738.2	2721.9
37.5°	2700.8	2649.4	2600.3	2567.5	2569.9	2572.2	2600.3	2644.7	2630.7	2593.3	2572.2
40°	2560.5	2560.5	2513.8	2453.0	2445.9	2462.3	2509.1	2558.2	2518.4	2476.3	2450.6
42.5°	2460.0	2481.0	2436.6	2375.8	2361.8	2389.8	2441.3	2476.3	2429.6	2382.8	2347.7
45°	2366.4	2417.9	2387.5	2319.7	2301.0	2333.7	2399.2	2413.2	2350.1	2305.6	2279.9
47.5°	2301.0	2371.1	2350.1	2284.6	2256.5	2303.3	2371.1	2368.8	2289.3	2242.5	2221.5
50°	2254.2	2343.1	2340.7	2284.6	2254.2	2312.7	2373.5	2343.1	2256.5	2207.4	2186.4
52.5°	2216.8	2340.7	2357.1	2324.3	2303.3	2354.7	2392.2	2333.7	2233.2	2181.7	2165.3
55°	2200.4	2350.1	2361.8	2331.4	2312.7	2359.4	2392.2	2352.4	2233.2	2186.4	2172.4
57.5°	2205.1	2338.4	2340.7	2298.6	2265.9	2324.3	2375.8	2364.1	2258.9	2205.1	2188.7
60°	2177.0	2275.2	2279.9	2214.4	2177.0	2247.2	2338.4	2331.4	2247.2	2191.1	2160.7
62.5°	2083.5	2170.0	2172.4	2111.6	2057.8	2158.3	2258.9	2256.5	2179.4	2123.2	2088.2
65°	1926.8	2018.0	2041.4	1982.9	1940.9	2048.4	2153.6	2149.0	2071.8	2020.4	1985.3
67.5°	1732.7	1830.9	1875.4	1835.6	1819.3	1917.5	2015.7	2013.3	1950.2	1901.1	1870.7
70°	1496.6	1578.4	1653.2	1653.2	1641.5	1753.8	1859.0	1849.7	1791.2	1753.8	1730.4
72.5°	1300.1	1363.3	1386.7	1410.0	1445.1	1562.0	1650.9	1657.9	1615.8	1597.1	1615.8
75°	1106.1	1145.8	1166.9	1148.1	1208.9	1330.5	1447.5	1459.1	1414.7	1384.3	1391.3
77.5°	909.6	954.1	975.1	933.0	928.3	1082.7	1225.3	1251.0	1213.6	1166.9	1180.9
80°	657.1	715.5	750.6	722.6	713.2	781.0	977.4	1005.5	970.4	933.0	954.1
82.5°	402.2	434.9	444.3	472.4	530.8	558.9	629.0	722.6	696.8	664.1	722.6
85°	159.0	189.4	210.5	238.5	278.3	329.7	388.2	463.0	420.9	406.9	479.4
87.5°	9.4	2.3	0.0	4.7	39.8	77.2	166.0	229.2	191.7	205.8	247.9
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: P642611
 CATALOG NUMBER: GWS-SA6D-730-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2	4099.2
2.5°	3795.2	3856.0	3937.8	4005.6	4092.2	4174.0	4258.2	4342.4	4386.8	4405.5
5°	3526.3	3638.5	3769.5	3914.4	4082.8	4260.5	4440.6	4625.3	4742.2	4751.6
7.5°	3364.9	3526.3	3706.3	3888.7	4096.8	4342.4	4627.6	4912.9	5032.2	5064.9
10°	3416.4	3596.4	3739.1	3909.8	4138.9	4445.3	4782.0	5116.4	5254.3	5294.1
12.5°	3622.1	3657.2	3701.7	3858.3	4138.9	4534.1	4941.0	5338.5	5485.8	5523.2
15°	3792.8	3624.5	3545.0	3711.0	4082.8	4611.3	5109.4	5549.0	5726.7	5761.8
17.5°	3806.9	3516.9	3343.9	3493.5	3984.6	4665.1	5270.7	5782.8	5932.5	5965.2
20°	3664.2	3402.3	3177.9	3269.1	3851.3	4688.4	5387.6	5953.5	6100.8	6133.6
22.5°	3502.9	3308.8	3065.6	3060.9	3690.0	4714.2	5527.9	6114.9	6273.9	6294.9
25°	3350.9	3180.2	2974.4	2908.9	3502.9	4763.3	5717.3	6358.0	6479.6	6486.7
27.5°	3173.2	3042.2	2901.9	2838.8	3339.2	4856.8	5997.9	6648.0	6720.5	6708.8
30°	3011.8	2913.6	2850.5	2831.8	3236.3	4927.0	6264.5	6933.3	6938.0	6898.2
32.5°	2841.1	2803.7	2803.7	2864.5	3152.1	4910.6	6482.0	7211.6	7167.1	7108.7
35°	2689.1	2696.1	2745.3	2887.9	3011.8	4746.9	6690.1	7560.0	7494.5	7410.3
37.5°	2544.2	2597.9	2668.1	2806.1	2827.1	4503.7	6933.3	8053.4	7971.5	7866.3
40°	2420.2	2502.1	2583.9	2651.7	2630.7	4157.6	7272.4	8633.3	8542.1	8420.5
42.5°	2322.0	2401.5	2492.7	2499.7	2506.7	3797.5	7632.5	9344.2	9327.8	9194.5
45°	2258.9	2310.3	2396.8	2385.1	2499.7	3400.0	7964.5	10429.2	10644.3	10543.7
47.5°	2216.8	2256.5	2265.9	2315.0	2560.5	3044.6	8392.4	12552.4	13151.0	13036.5
50°	2193.4	2233.2	2127.9	2319.7	2569.9	2815.4	8984.0	15218.2	16181.6	16029.6
52.5°	2191.1	2181.7	2022.7	2368.8	2518.4	2675.1	9292.7	17163.7	19301.0	19630.7
55°	2195.7	2078.8	1968.9	2382.8	2415.5	2623.7	8259.2	18099.0	22179.5	22876.4
57.5°	2153.6	1966.6	1999.3	2326.7	2221.5	2761.6	6105.5	17764.7	23330.0	24625.5
60°	2074.1	1859.0	2055.4	2174.7	2022.7	2525.4	4204.4	16272.8	22137.4	23470.3
62.5°	1959.6	1784.2	2048.4	1978.3	1950.2	2067.1	2890.2	14184.6	20245.7	21548.2
65°	1830.9	1723.4	1938.5	1788.9	1805.2	1590.1	2043.7	11827.5	17986.8	19268.2
67.5°	1693.0	1686.0	1777.2	1592.4	1524.6	1260.4	1489.5	9479.8	15084.9	16240.0
70°	1536.3	1587.8	1615.8	1414.7	1237.0	989.1	1106.1	6629.3	11128.3	12133.8
72.5°	1379.6	1384.3	1424.1	1230.0	926.0	792.7	830.1	4015.0	7560.0	8291.9
75°	1220.6	1176.2	1213.6	1000.8	689.8	650.1	640.7	2481.0	5221.6	5799.2
77.5°	1049.9	1000.8	951.7	753.0	554.2	502.8	491.1	1391.3	3203.6	3559.0
80°	853.5	788.0	710.9	551.9	404.5	360.1	357.8	678.1	1597.1	1779.5
82.5°	664.1	540.2	519.1	343.7	250.2	219.8	233.8	259.6	481.7	537.8
85°	465.3	392.8	275.9	138.0	112.2	91.2	88.9	77.2	128.6	142.6
87.5°	259.6	170.7	88.9	16.4	18.7	21.0	16.4	11.7	11.7	11.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)