

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: P639696

Luminaire Tested: GWS-SA5C-735-U-SLR-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P639696
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-SA5C-735-U-SLR-W
Description: GALLEON WALL SLIM LUMINAIRE. (5) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22237.7 lumens
Efficiency: N/A
Efficacy: 141.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

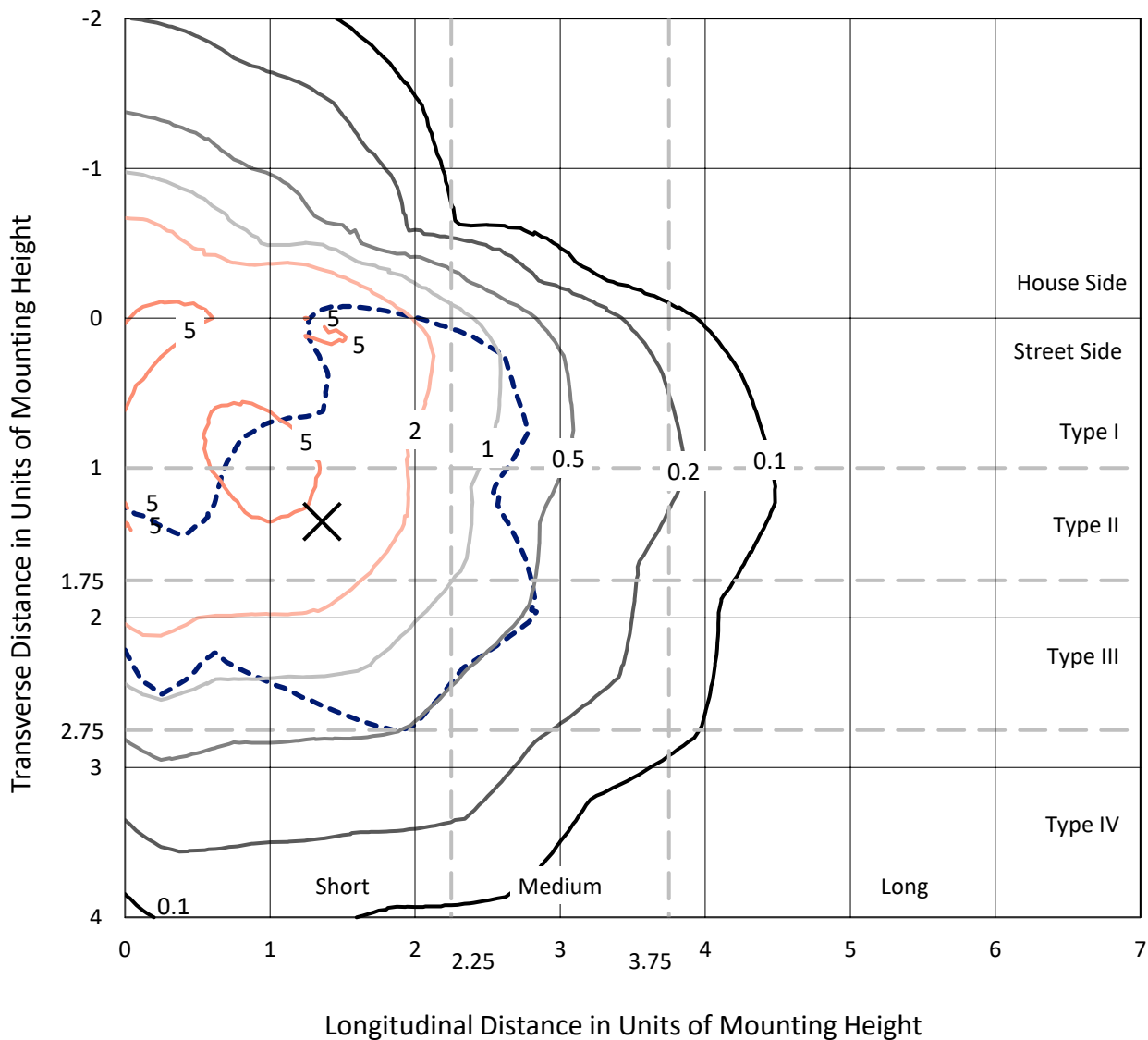
Input Watts (W): 157.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P639696
 CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

Iso-Footcandle Lines of Horizontal Illumination

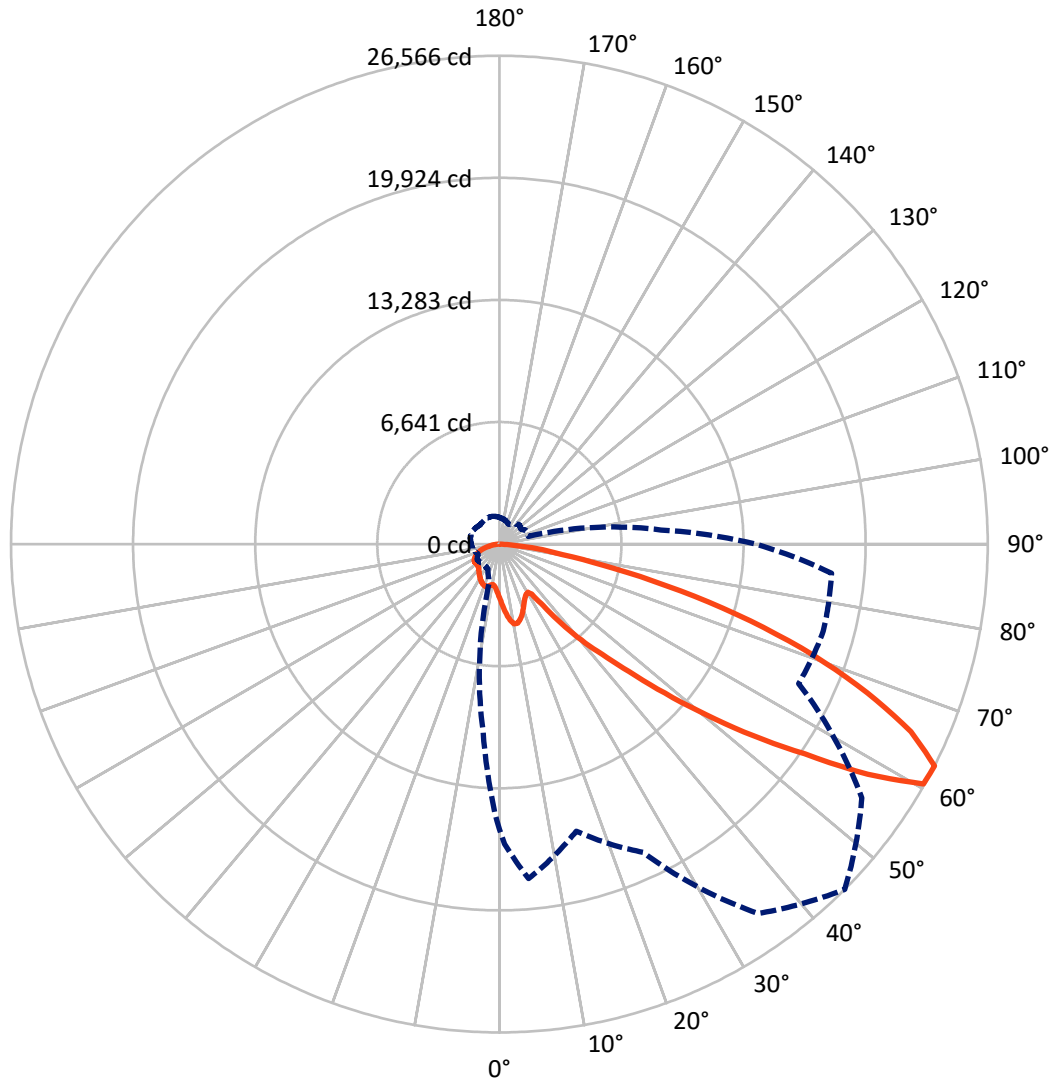
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.7 fc
 Type III - Short - N/A

REPORT NUMBER: P639696
CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P639696

CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5306.3	0.0	5306.3
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	16931.4	0.0	16931.4
	% Fixture	76.1	0.0	76.1
Total	Lumens	22237.7	0.0	22237.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.2	1.3
10°-20°	903.6	4.1
20°-30°	1403.5	6.3
30°-40°	1905.6	8.6
40°-50°	3020.1	13.6
50°-60°	5327.5	24.0
60°-70°	5927.7	26.7
70°-80°	3006.3	13.5
80°-90°	455.2	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°	22237.7	100.0
0°-180°	22237.7	100.0

Coefficient of Utilization



REPORT NUMBER: P639696

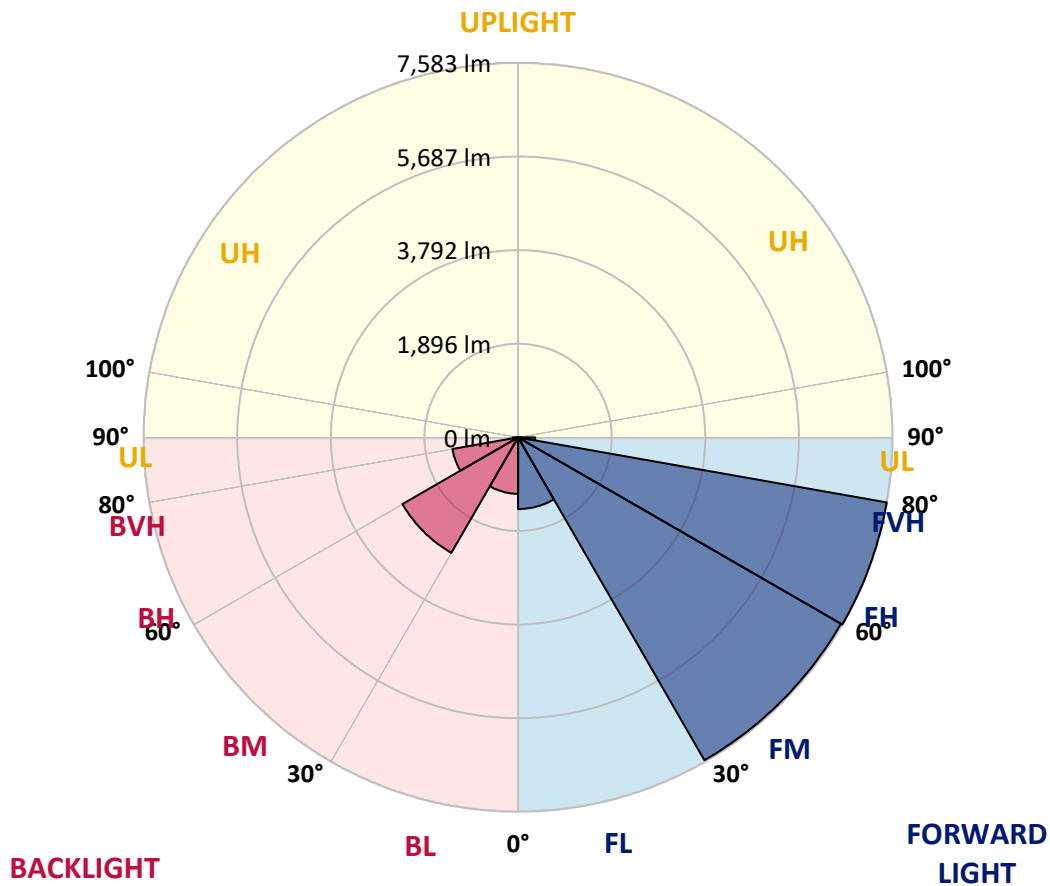
CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1451.9	6.5			
FM (30°-60°)	7550.7	34.0			
FH (60°-80°)	7583.3	34.1			G4/12000
FVH (80°-90°)	345.5	1.6			G3/500
BL (0°-30°)	1143.4	5.1	B3/2500		
BM (30°-60°)	2702.5	12.2	B3/5000		
BH (60°-80°)	1350.7	6.1	B3/2500		G3/2500
BVH (80°-90°)	109.7	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: P639696
 CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4
2.5°	3172.0	3170.3	3202.3	3251.1	3296.5	3316.7	3350.4	3347.0	3320.1	3284.8	3273.0
5°	3421.1	3427.9	3483.4	3591.2	3710.7	3761.2	3783.1	3774.7	3725.9	3663.6	3554.1
7.5°	3646.7	3658.5	3744.4	3906.0	4054.2	4121.5	4175.4	4165.3	4094.6	3978.4	3816.8
10°	3811.7	3825.2	3927.9	4118.1	4283.1	4342.1	4411.1	4414.5	4352.2	4195.6	4030.6
12.5°	3976.7	3990.2	4086.2	4259.6	4367.3	4369.0	4409.4	4431.3	4434.7	4362.3	4197.3
15°	4148.5	4160.2	4247.8	4345.4	4340.4	4246.1	4246.1	4288.2	4380.8	4433.0	4318.5
17.5°	4294.9	4310.1	4377.4	4345.4	4195.6	4025.6	4005.3	4059.2	4220.9	4421.2	4409.4
20°	4416.2	4427.9	4465.0	4252.8	3980.1	3757.9	3719.1	3781.4	4000.3	4348.8	4478.4
22.5°	4532.3	4539.1	4518.9	4131.6	3747.8	3493.5	3446.4	3512.0	3747.8	4220.9	4537.4
25°	4670.4	4663.6	4567.7	4005.3	3535.6	3284.8	3235.9	3310.0	3555.8	4050.8	4601.4
27.5°	4830.3	4805.1	4609.8	3869.0	3372.3	3129.9	3096.2	3175.3	3404.3	3894.2	4651.9
30°	4966.7	4917.9	4616.5	3747.8	3288.1	3064.2	3044.0	3118.1	3330.2	3788.2	4715.8
32.5°	5118.2	5050.9	4655.2	3715.8	3335.3	3222.5	3249.4	3254.4	3350.4	3757.9	4811.8
35°	5335.4	5247.9	4761.3	3808.4	3820.1	4010.4	4108.0	3976.7	3655.2	3825.2	4993.6
37.5°	5663.7	5552.6	4976.8	4209.1	4821.9	5247.9	5483.6	5183.9	4581.1	4079.4	5268.1
40°	6062.7	5921.3	5252.9	4949.9	5758.0	6439.9	6859.1	6419.7	5534.1	4714.2	5653.6
42.5°	6620.0	6471.9	5788.3	5677.2	6625.1	7640.3	8187.5	7532.5	6374.2	5534.1	6271.5
45°	7591.5	7448.4	6769.9	6406.2	7640.3	9118.5	9886.3	8975.4	7227.8	6357.4	7426.5
47.5°	9386.2	9217.9	8227.9	7214.3	8798.6	11037.9	12112.0	10785.3	8115.1	7300.2	9366.0
50°	11541.3	11379.6	10058.0	8170.6	10078.2	13090.2	14583.6	12911.7	9137.0	8446.8	11684.4
52.5°	14134.0	14103.7	12669.3	9379.5	11409.9	15278.9	17326.2	15267.1	10256.7	9990.6	14310.8
55°	16470.9	16767.2	15986.0	11223.1	13130.6	18028.3	20146.3	17836.3	11775.3	12543.0	17386.8
57.5°	17730.3	18526.6	19727.0	14984.3	15632.5	21314.7	23626.3	20972.9	14384.9	16792.5	20238.9
60°	16898.6	17801.0	19976.2	17816.1	18114.1	23947.9	26498.6	23609.5	16947.4	19742.2	20077.2
62.5°	15514.6	16324.4	18258.9	16162.8	18498.0	24527.1	26565.9	24069.1	17966.0	18245.5	18136.0
65°	13873.1	14689.6	16738.6	14108.8	17277.4	23151.5	24606.2	22717.2	16135.9	16484.4	16524.8
67.5°	11692.8	12447.0	14533.1	12544.7	15748.6	21132.9	21597.6	20791.1	14859.7	15415.3	14834.4
70°	8736.3	9416.5	11258.4	10194.4	13275.4	18503.1	18127.6	18247.1	13426.9	13979.1	12391.5
72.5°	5970.1	6482.0	8061.2	8010.7	10165.7	14812.5	14288.9	15422.0	11214.6	11947.0	9446.8
75°	4175.4	4574.4	5827.0	6328.8	7684.1	10978.9	10175.8	11542.9	8758.2	9803.8	6892.8
77.5°	2562.5	2826.8	3680.4	4688.9	4943.1	7514.0	6320.3	8685.8	6150.3	7150.4	4598.0
80°	1281.2	1409.2	1788.0	2948.0	3278.0	4427.9	3490.2	5042.5	4161.9	4427.9	2544.0
82.5°	387.2	427.6	523.6	1119.6	1698.8	2549.0	2062.4	2929.5	2272.9	2075.9	1001.8
85°	102.7	116.2	144.8	331.7	596.0	914.2	697.0	1419.3	1089.3	766.0	377.1
87.5°	8.4	8.4	6.7	6.7	3.4	0.0	0.0	101.0	203.7	116.2	65.7
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: P639696
 CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4
2.5°	3214.0	3207.3	3138.3	3087.8	3028.8	2971.6	2912.7	2860.5	2801.6	2742.6	2725.8
5°	3473.3	3426.2	3279.7	3156.8	3035.6	2929.5	2836.9	2740.9	2663.5	2587.7	2559.1
7.5°	3702.3	3619.8	3407.7	3220.8	3052.4	2921.1	2784.7	2645.0	2535.5	2427.8	2400.9
10°	3909.4	3799.9	3532.2	3296.5	3109.7	2959.8	2799.9	2613.0	2454.7	2323.4	2288.0
12.5°	4062.6	3943.1	3640.0	3368.9	3156.8	2988.4	2830.2	2665.2	2498.5	2328.5	2289.7
15°	4183.8	4059.2	3729.2	3424.5	3158.5	2941.3	2788.1	2730.8	2678.6	2512.0	2441.3
17.5°	4281.5	4150.1	3806.7	3458.2	3113.0	2798.2	2665.2	2749.4	2882.4	2778.0	2645.0
20°	4370.7	4237.7	3865.6	3481.7	3012.0	2601.2	2527.1	2705.6	2905.9	2902.6	2783.0
22.5°	4468.3	4338.7	3951.5	3495.2	2870.6	2400.9	2444.6	2641.6	2804.9	2853.7	2779.7
25°	4592.9	4478.4	4071.0	3525.5	2710.6	2262.8	2384.0	2559.1	2695.5	2707.3	2663.5
27.5°	4737.7	4651.9	4249.5	3596.2	2555.7	2192.1	2313.3	2442.9	2567.5	2572.6	2520.4
30°	4896.0	4838.7	4414.5	3655.2	2439.6	2170.2	2222.4	2326.8	2405.9	2419.4	2373.9
32.5°	5098.0	5047.5	4560.9	3616.4	2370.5	2165.1	2138.2	2192.1	2257.7	2257.7	2222.4
35°	5375.8	5305.1	4715.8	3468.3	2286.4	2144.9	2049.0	2064.1	2092.7	2097.8	2077.6
37.5°	5769.8	5653.6	4872.4	3175.3	2148.3	2072.5	1946.3	1927.8	1937.9	1951.3	1946.3
40°	6258.0	6067.8	5101.4	2823.4	1983.3	1932.8	1840.2	1804.8	1796.4	1823.4	1833.5
42.5°	6872.6	6581.3	5347.2	2495.1	1833.5	1772.9	1715.6	1685.3	1671.8	1717.3	1744.2
45°	7854.1	7374.3	5582.9	2170.2	1749.3	1636.5	1597.8	1575.9	1582.6	1636.5	1670.2
47.5°	9549.5	8584.8	5806.8	1964.8	1742.6	1538.8	1491.7	1496.7	1515.3	1572.5	1612.9
50°	11694.5	10206.1	5956.7	1878.9	1762.8	1479.9	1417.6	1444.6	1473.2	1528.7	1575.9
52.5°	13878.1	11716.4	5778.2	1831.8	1761.1	1481.6	1348.6	1429.4	1442.9	1498.4	1548.9
55°	15379.9	11884.7	4992.0	1759.4	1734.1	1548.9	1294.7	1422.7	1431.1	1481.6	1527.0
57.5°	15952.4	11308.9	3806.7	1779.6	1653.3	1601.1	1271.1	1375.5	1436.1	1479.9	1527.0
60°	15260.4	10223.0	2313.3	1831.8	1523.7	1597.8	1286.3	1289.7	1394.0	1468.1	1515.3
62.5°	13955.6	8828.9	1624.7	1683.6	1429.4	1508.5	1321.6	1188.6	1320.0	1409.2	1451.3
65°	12460.5	7189.1	1239.1	1449.6	1383.9	1370.5	1333.4	1099.4	1218.9	1306.5	1343.5
67.5°	10903.2	5588.0	1006.8	1080.9	1250.9	1239.1	1218.9	1020.3	1099.4	1161.7	1203.8
70°	8941.7	3909.4	850.2	811.5	1072.5	1111.2	1065.7	920.9	946.2	1010.2	1043.8
72.5°	6540.9	2436.2	698.7	670.1	862.0	971.5	947.9	811.5	823.3	883.9	910.8
75°	4704.1	1394.0	560.6	552.2	658.3	831.7	784.6	698.7	712.2	757.6	776.2
77.5°	2990.1	776.2	432.7	444.5	471.4	621.3	670.1	597.7	597.7	624.6	639.8
80°	1601.1	444.5	316.5	321.6	330.0	474.8	528.7	463.0	463.0	444.5	463.0
82.5°	653.2	255.9	217.2	202.0	220.6	324.9	370.4	294.6	308.1	277.8	284.5
85°	215.5	128.0	107.8	106.1	104.4	143.1	178.5	146.5	175.1	111.1	116.2
87.5°	28.6	23.6	13.5	10.1	11.8	5.1	10.1	11.8	11.8	8.4	8.4
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: P639696
 CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4
2.5°	2714.0	2700.5	2651.7	2663.5	2655.1	2641.6	2655.1	2629.8	2650.0	2656.8	2698.9
5°	2537.2	2505.2	2458.1	2434.5	2429.5	2416.0	2417.7	2405.9	2409.3	2437.9	2485.0
7.5°	2379.0	2348.7	2311.6	2294.8	2279.6	2264.5	2262.8	2261.1	2274.6	2299.8	2345.3
10°	2264.5	2247.6	2232.5	2239.2	2232.5	2225.8	2214.0	2214.0	2235.9	2281.3	2336.9
12.5°	2264.5	2261.1	2264.5	2284.7	2283.0	2284.7	2269.5	2277.9	2338.6	2416.0	2495.1
15°	2385.7	2358.8	2358.8	2368.9	2365.5	2365.5	2365.5	2400.9	2538.9	2658.4	2742.6
17.5°	2533.9	2454.7	2421.1	2416.0	2414.3	2414.3	2421.1	2496.8	2712.3	2838.6	2887.4
20°	2636.6	2486.7	2431.2	2409.3	2411.0	2414.3	2434.5	2538.9	2776.3	2840.3	2828.5
22.5°	2655.1	2461.5	2394.1	2362.1	2367.2	2370.5	2400.9	2512.0	2688.8	2698.9	2675.3
25°	2569.2	2390.7	2318.4	2293.1	2299.8	2298.1	2325.1	2405.9	2532.2	2528.8	2515.3
27.5°	2441.3	2277.9	2224.1	2207.2	2219.0	2205.6	2214.0	2276.3	2373.9	2370.5	2365.5
30°	2309.9	2168.5	2119.7	2111.3	2126.4	2106.2	2107.9	2160.1	2227.4	2224.1	2222.4
32.5°	2178.6	2059.1	2015.3	2015.3	2030.5	2008.6	2011.9	2057.4	2102.8	2089.4	2089.4
35°	2054.0	1969.8	1934.5	1927.8	1939.5	1924.4	1931.1	1973.2	1990.0	1971.5	1959.7
37.5°	1944.6	1907.5	1872.2	1848.6	1850.3	1852.0	1872.2	1904.2	1894.1	1867.1	1852.0
40°	1843.6	1843.6	1809.9	1766.1	1761.1	1772.9	1806.5	1841.9	1813.3	1783.0	1764.4
42.5°	1771.2	1786.3	1754.3	1710.6	1700.5	1720.7	1757.7	1783.0	1749.3	1715.6	1690.4
45°	1703.8	1740.9	1719.0	1670.2	1656.7	1680.3	1727.4	1737.5	1692.0	1660.1	1641.5
47.5°	1656.7	1707.2	1692.0	1644.9	1624.7	1658.4	1707.2	1705.5	1648.3	1614.6	1599.4
50°	1623.0	1687.0	1685.3	1644.9	1623.0	1665.1	1708.9	1687.0	1624.7	1589.3	1574.2
52.5°	1596.1	1685.3	1697.1	1673.5	1658.4	1695.4	1722.3	1680.3	1607.9	1570.8	1559.0
55°	1584.3	1692.0	1700.5	1678.6	1665.1	1698.8	1722.3	1693.7	1607.9	1574.2	1564.1
57.5°	1587.7	1683.6	1685.3	1655.0	1631.4	1673.5	1710.6	1702.1	1626.4	1587.7	1575.9
60°	1567.5	1638.2	1641.5	1594.4	1567.5	1618.0	1683.6	1678.6	1618.0	1577.6	1555.7
62.5°	1500.1	1562.4	1564.1	1520.3	1481.6	1554.0	1626.4	1624.7	1569.1	1528.7	1503.5
65°	1387.3	1453.0	1469.8	1427.7	1397.4	1474.9	1550.6	1547.3	1491.7	1454.7	1429.4
67.5°	1247.6	1318.3	1350.3	1321.6	1309.9	1380.6	1451.3	1449.6	1404.1	1368.8	1346.9
70°	1077.5	1136.4	1190.3	1190.3	1181.9	1262.7	1338.5	1331.7	1289.7	1262.7	1245.9
72.5°	936.1	981.6	998.4	1015.2	1040.5	1124.7	1188.6	1193.7	1163.4	1149.9	1163.4
75°	796.4	825.0	840.1	826.7	870.4	958.0	1042.2	1050.6	1018.6	996.7	1001.8
77.5°	654.9	686.9	702.1	671.8	668.4	779.5	882.2	900.7	873.8	840.1	850.2
80°	473.1	515.2	540.4	520.2	513.5	562.3	703.8	724.0	698.7	671.8	686.9
82.5°	289.6	313.2	319.9	340.1	382.2	402.4	452.9	520.2	501.7	478.1	520.2
85°	114.5	136.4	151.5	171.7	200.4	237.4	279.5	333.4	303.1	293.0	345.1
87.5°	6.7	1.7	0.0	3.4	28.6	55.6	119.5	165.0	138.1	148.2	178.5
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: P639696
 CATALOG NUMBER: GWS-SA5C-735-U-SLR-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4	2951.4
2.5°	2732.5	2776.3	2835.2	2884.1	2946.3	3005.3	3065.9	3126.5	3158.5	3172.0
5°	2538.9	2619.7	2714.0	2818.4	2939.6	3067.6	3197.2	3330.2	3414.4	3421.1
7.5°	2422.7	2538.9	2668.5	2799.9	2949.7	3126.5	3331.9	3537.3	3623.2	3646.7
10°	2459.8	2589.4	2692.1	2815.0	2980.0	3200.6	3443.0	3683.8	3783.1	3811.7
12.5°	2607.9	2633.2	2665.2	2778.0	2980.0	3264.6	3557.5	3843.7	3949.8	3976.7
15°	2730.8	2609.6	2552.4	2671.9	2939.6	3320.1	3678.7	3995.2	4123.2	4148.5
17.5°	2740.9	2532.2	2407.6	2515.3	2868.9	3358.8	3794.9	4163.6	4271.4	4294.9
20°	2638.2	2449.7	2288.0	2353.7	2772.9	3375.7	3879.1	4286.5	4392.6	4416.2
22.5°	2522.1	2382.3	2207.2	2203.9	2656.8	3394.2	3980.1	4402.7	4517.2	4532.3
25°	2412.6	2289.7	2141.6	2094.4	2522.1	3429.5	4116.5	4577.8	4665.3	4670.4
27.5°	2284.7	2190.4	2089.4	2043.9	2404.2	3496.9	4318.5	4786.5	4838.7	4830.3
30°	2168.5	2097.8	2052.3	2038.9	2330.1	3547.4	4510.4	4992.0	4995.3	4966.7
32.5°	2045.6	2018.7	2018.7	2062.4	2269.5	3535.6	4667.0	5192.3	5160.3	5118.2
35°	1936.2	1941.2	1976.6	2079.3	2168.5	3417.8	4816.9	5443.2	5396.0	5335.4
37.5°	1831.8	1870.5	1921.0	2020.4	2035.5	3242.7	4992.0	5798.4	5739.5	5663.7
40°	1742.6	1801.5	1860.4	1909.2	1894.1	2993.5	5236.1	6215.9	6150.3	6062.7
42.5°	1671.8	1729.1	1794.7	1799.8	1804.8	2734.2	5495.4	6727.8	6716.0	6620.0
45°	1626.4	1663.4	1725.7	1717.3	1799.8	2448.0	5734.4	7509.0	7663.9	7591.5
47.5°	1596.1	1624.7	1631.4	1666.8	1843.6	2192.1	6042.5	9037.7	9468.7	9386.2
50°	1579.2	1607.9	1532.1	1670.2	1850.3	2027.1	6468.5	10957.0	11650.7	11541.3
52.5°	1577.6	1570.8	1456.3	1705.5	1813.3	1926.1	6690.7	12357.8	13896.7	14134.0
55°	1580.9	1496.7	1417.6	1715.6	1739.2	1889.0	5946.6	13031.3	15969.2	16470.9
57.5°	1550.6	1415.9	1439.5	1675.2	1599.4	1988.4	4395.9	12790.5	16797.5	17730.3
60°	1493.4	1338.5	1479.9	1565.8	1456.3	1818.3	3027.2	11716.4	15938.9	16898.6
62.5°	1410.9	1284.6	1474.9	1424.3	1404.1	1488.3	2081.0	10212.9	14576.8	15514.6
65°	1318.3	1240.8	1395.7	1288.0	1299.8	1144.9	1471.5	8515.8	12950.5	13873.1
67.5°	1218.9	1213.9	1279.6	1146.5	1097.7	907.5	1072.5	6825.4	10861.1	11692.8
70°	1106.1	1143.2	1163.4	1018.6	890.6	712.2	796.4	4773.1	8012.4	8736.3
72.5°	993.3	996.7	1025.3	885.6	666.7	570.7	597.7	2890.8	5443.2	5970.1
75°	878.9	846.9	873.8	720.6	496.7	468.0	461.3	1786.3	3759.5	4175.4
77.5°	755.9	720.6	685.2	542.1	399.0	362.0	353.6	1001.8	2306.6	2562.5
80°	614.5	567.4	511.8	397.3	291.3	259.3	257.6	488.3	1149.9	1281.2
82.5°	478.1	388.9	373.8	247.5	180.1	158.3	168.4	186.9	346.8	387.2
85°	335.0	282.8	198.7	99.3	80.8	65.7	64.0	55.6	92.6	102.7
87.5°	186.9	122.9	64.0	11.8	13.5	15.2	11.8	8.4	8.4	8.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)