

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: P636227

Luminaire Tested: GWS-SA3F-735-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P636227
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-37)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3F-735-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22601.9 lumens
Efficiency: N/A
Efficacy: 123.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

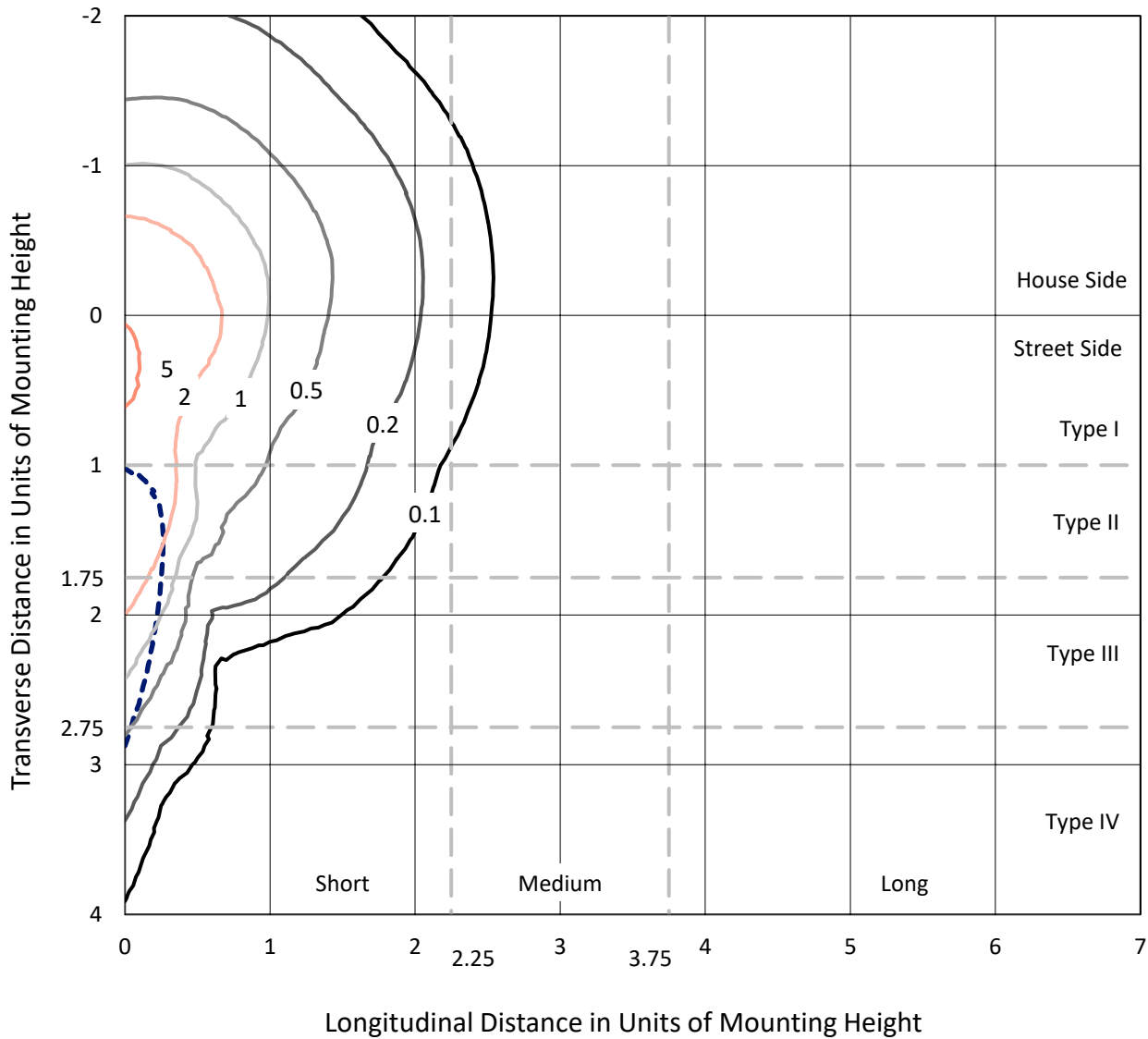
Input Watts (W): 183.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P636227
 CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

Iso-Footcandle Lines of Horizontal Illumination

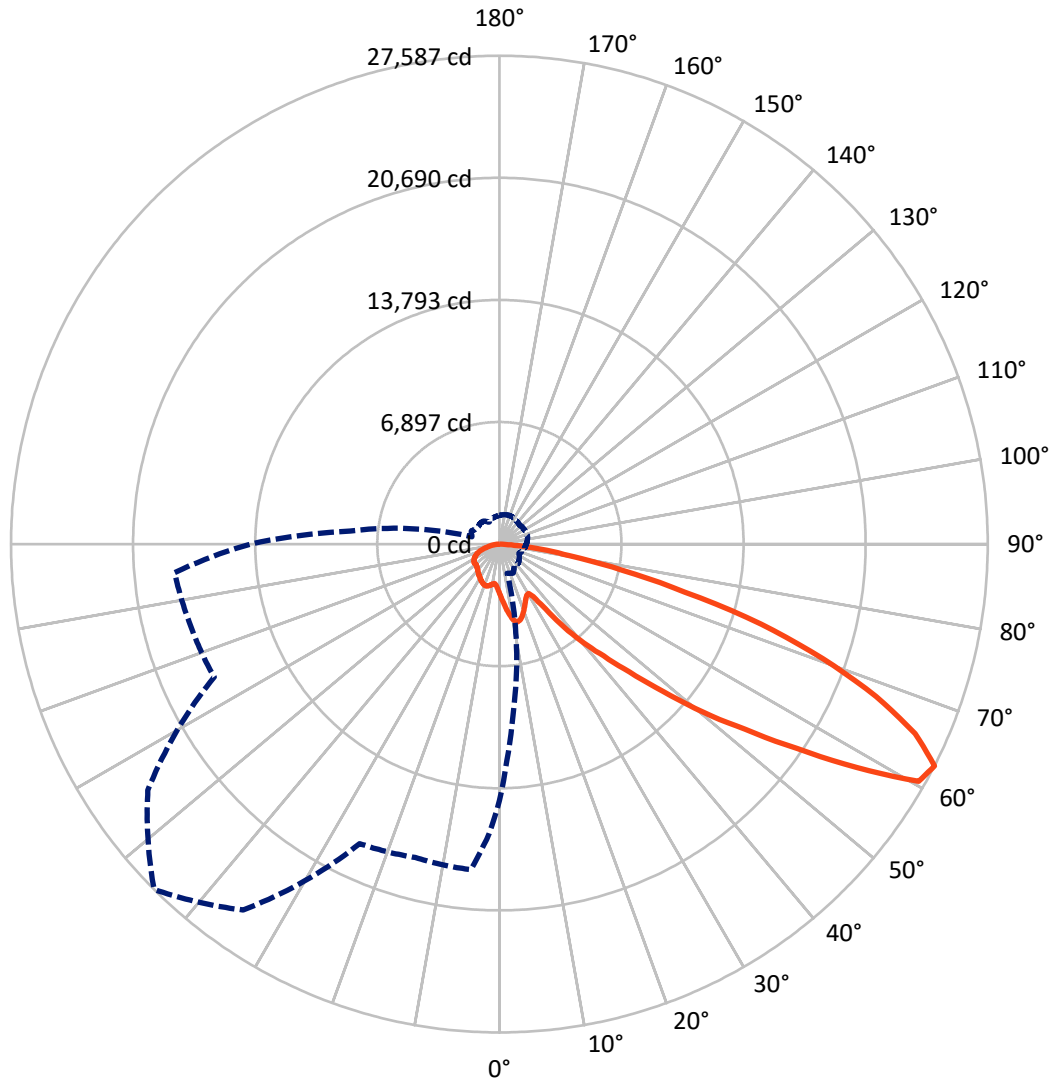
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6 fc
 Type III - Short - N/A

REPORT NUMBER: P636227
CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P636227

CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5404.1	0.0	5404.1
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	17197.8	0.0	17197.8
	% Fixture	76.1	0.0	76.1
Total	Lumens	22601.9	0.0	22601.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	277.6	1.2
10°-20°	902.2	4.0
20°-30°	1420.3	6.3
30°-40°	1946.9	8.6
40°-50°	3037.7	13.4
50°-60°	5237.6	23.2
60°-70°	6069.7	26.9
70°-80°	3203.8	14.2
80°-90°	506.1	2.2
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°	22601.9	100.0
0°-180°	22601.9	100.0

Coefficient of Utilization



REPORT NUMBER: P636227

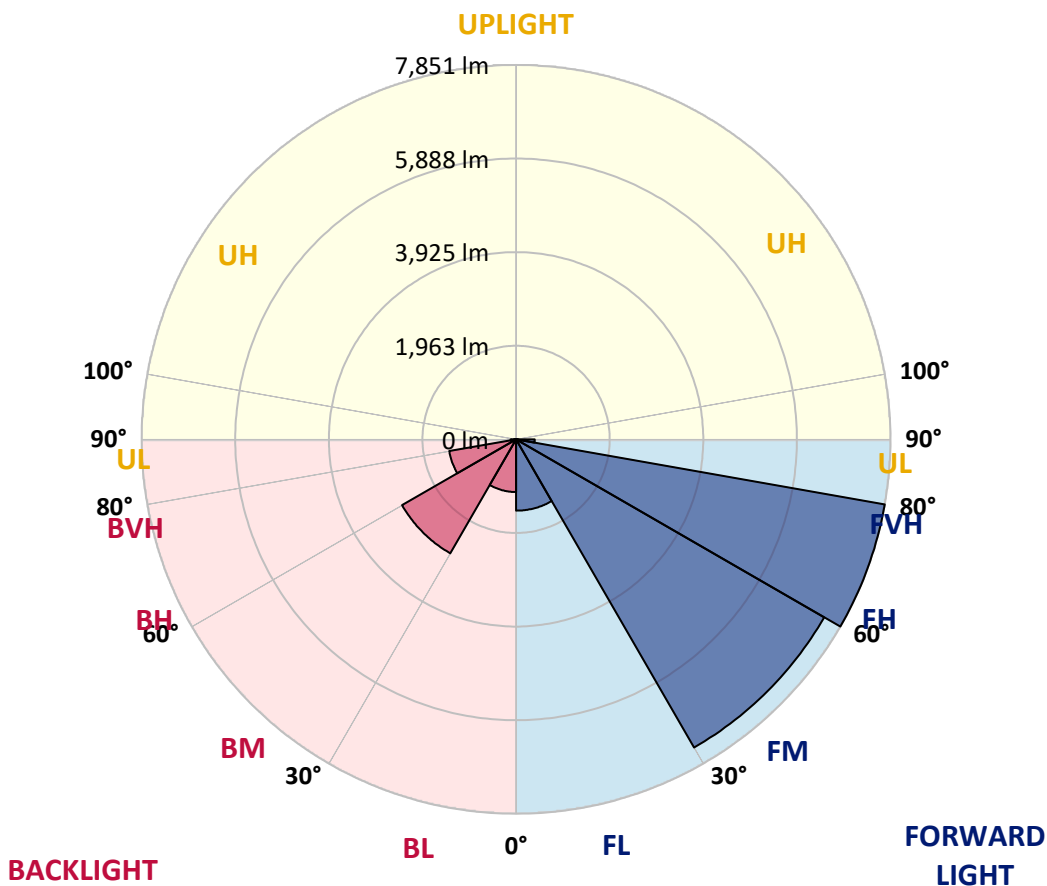
CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1494.8	6.6			
FM (30°-60°)	7461.7	33.0			
FH (60°-80°)	7850.6	34.7			G4/12000
FVH (80°-90°)	390.6	1.7			G3/500
BL (0°-30°)	1105.3	4.9	B3/2500		
BM (30°-60°)	2760.4	12.2	B3/5000		
BH (60°-80°)	1422.9	6.3	B3/2500		G3/2500
BVH (80°-90°)	115.5	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: P636227
 CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0
2.5°	3061.8	3049.7	3032.4	2973.6	2937.3	2895.8	2852.6	2802.4	2745.4	2705.6	2665.9
5°	3321.1	3302.1	3260.6	3120.5	3023.7	2918.3	2830.1	2729.8	2631.3	2563.9	2496.4
7.5°	3570.0	3545.8	3481.9	3267.5	3110.2	2958.0	2824.9	2679.7	2532.7	2432.5	2352.9
10°	3819.0	3768.8	3687.6	3407.5	3200.1	3023.7	2871.6	2693.5	2498.2	2361.6	2276.9
12.5°	4009.2	3962.5	3874.3	3535.5	3290.0	3068.7	2897.5	2733.3	2567.3	2422.1	2335.6
15°	4187.2	4126.7	4026.4	3654.7	3364.3	3066.9	2845.7	2702.2	2678.0	2641.6	2529.3
17.5°	4315.2	4259.8	4156.1	3751.6	3405.8	3013.3	2702.2	2617.4	2726.4	2837.0	2729.8
20°	4427.5	4363.6	4258.1	3819.0	3414.4	2894.1	2527.5	2529.3	2700.4	2852.6	2826.6
22.5°	4522.6	4451.7	4358.4	3895.0	3411.0	2728.1	2375.4	2479.1	2650.3	2769.6	2773.0
25°	4640.2	4581.4	4503.6	4007.4	3411.0	2558.7	2264.8	2418.6	2565.6	2665.9	2662.4
27.5°	4783.7	4743.9	4679.9	4178.6	3442.1	2416.9	2202.5	2340.8	2456.7	2543.1	2541.4
30°	4944.4	4908.1	4859.7	4360.1	3495.7	2311.4	2167.9	2244.0	2328.7	2397.9	2397.9
32.5°	5108.7	5094.9	5043.0	4505.3	3454.2	2278.6	2138.6	2147.2	2192.2	2249.2	2244.0
35°	5336.9	5323.1	5257.4	4617.7	3274.4	2231.9	2091.9	2048.7	2053.8	2090.2	2102.3
37.5°	5670.6	5649.8	5553.0	4749.1	3003.0	2114.4	2015.8	1944.9	1929.4	1944.9	1967.4
40°	6073.4	6042.3	5910.9	4927.2	2690.1	1955.3	1896.5	1837.7	1811.8	1817.0	1842.9
42.5°	6578.2	6512.5	6324.1	5115.6	2380.6	1815.3	1763.4	1727.1	1697.7	1694.3	1744.4
45°	7397.7	7217.9	6918.8	5283.3	2119.5	1740.9	1644.1	1618.2	1594.0	1607.8	1666.6
47.5°	8829.1	8497.2	7914.6	5426.8	1960.5	1742.7	1549.0	1521.4	1519.6	1547.3	1613.0
50°	10796.5	10317.6	9418.7	5523.6	1877.5	1763.4	1492.0	1447.0	1479.9	1507.5	1569.8
52.5°	12681.0	11949.7	10879.5	5521.9	1841.2	1766.9	1507.5	1377.9	1479.9	1486.8	1545.6
55°	14290.5	12966.2	11273.7	4954.8	1789.3	1753.0	1568.0	1324.3	1460.9	1486.8	1533.5
57.5°	15569.8	13612.8	11244.3	4002.2	1946.7	1677.0	1604.4	1312.2	1405.5	1490.2	1543.8
60°	15428.1	13317.2	10519.9	2456.7	1931.1	1542.1	1599.2	1334.7	1312.2	1443.6	1531.7
62.5°	14485.8	12257.4	9273.4	1704.6	1813.5	1464.3	1514.5	1374.4	1225.7	1376.1	1473.0
65°	13166.8	10889.9	7727.9	1307.0	1502.4	1467.8	1371.0	1346.8	1149.7	1269.0	1372.7
67.5°	11422.4	9193.9	6101.0	1035.6	1047.7	1270.7	1244.8	1196.3	1078.8	1173.9	1267.2
70°	8587.1	6709.6	4197.6	833.3	793.5	1061.5	1118.6	1075.3	1009.6	1037.3	1135.8
72.5°	6050.9	4380.8	2299.3	660.4	612.0	816.0	971.6	964.7	892.1	912.8	1009.6
75°	4496.7	3099.8	1436.7	522.1	497.9	584.3	814.3	835.0	774.5	798.7	873.1
77.5°	2992.6	2007.2	798.7	387.3	387.3	427.0	606.8	703.6	658.7	677.7	729.6
80°	1651.0	1021.7	399.4	254.1	261.1	293.9	442.6	506.5	508.3	555.0	568.8
82.5°	522.1	325.0	178.1	148.7	140.0	167.7	285.3	363.1	338.9	432.2	397.6
85°	119.3	76.1	32.8	32.8	36.3	55.3	108.9	193.6	247.2	297.4	216.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	76.1	112.4	100.3
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: P636227
 CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0
2.5°	2641.6	2607.1	2596.7	2567.3	2563.9	2536.2	2525.8	2525.8	2537.9	2537.9	2550.0
5°	2468.8	2425.5	2401.3	2366.8	2358.1	2337.4	2323.5	2325.3	2340.8	2351.2	2372.0
7.5°	2316.6	2287.2	2270.0	2254.4	2250.9	2247.5	2231.9	2230.2	2235.4	2250.9	2266.5
10°	2252.7	2231.9	2237.1	2249.2	2268.2	2278.6	2264.8	2257.8	2252.7	2263.0	2276.9
12.5°	2314.9	2294.2	2304.5	2325.3	2351.2	2361.6	2356.4	2354.7	2359.8	2399.6	2429.0
15°	2451.5	2411.7	2397.9	2406.5	2427.3	2437.6	2432.5	2439.4	2472.2	2576.0	2650.3
17.5°	2620.9	2524.1	2468.8	2453.2	2461.9	2470.5	2470.5	2487.8	2544.8	2697.0	2790.3
20°	2712.5	2586.3	2493.0	2454.9	2458.4	2467.0	2467.0	2491.2	2555.2	2717.7	2778.2
22.5°	2688.3	2572.5	2458.4	2416.9	2418.6	2425.5	2425.5	2446.3	2503.3	2646.8	2674.5
25°	2593.2	2491.2	2378.9	2342.6	2346.0	2358.1	2354.7	2366.8	2410.0	2527.5	2543.1
27.5°	2479.1	2389.2	2278.6	2250.9	2266.5	2290.7	2270.0	2271.7	2311.4	2410.0	2411.7
30°	2356.4	2282.1	2183.5	2162.8	2192.2	2204.3	2185.2	2185.2	2225.0	2292.4	2290.7
32.5°	2223.3	2176.6	2105.7	2083.2	2116.1	2135.1	2110.9	2114.4	2145.5	2190.4	2173.1
35°	2098.8	2074.6	2041.7	2026.2	2046.9	2064.2	2048.7	2055.6	2085.0	2097.1	2072.9
37.5°	1979.5	1976.0	1979.5	1979.5	1984.7	1989.9	1979.5	1996.8	2022.7	2007.2	1979.5
40°	1875.8	1889.6	1922.5	1913.8	1908.6	1913.8	1906.9	1936.3	1962.2	1934.6	1901.7
42.5°	1789.3	1815.3	1865.4	1865.4	1855.0	1858.5	1855.0	1891.3	1910.4	1872.3	1836.0
45°	1715.0	1753.0	1817.0	1825.6	1808.4	1808.4	1815.3	1860.2	1867.1	1815.3	1777.2
47.5°	1663.1	1709.8	1782.4	1798.0	1772.0	1770.3	1789.3	1837.7	1837.7	1777.2	1734.0
50°	1626.8	1678.7	1765.1	1785.9	1759.9	1753.0	1784.2	1830.8	1820.5	1747.8	1704.6
52.5°	1602.6	1656.2	1763.4	1792.8	1775.5	1768.6	1799.7	1832.6	1806.6	1728.8	1683.9
55°	1587.1	1645.8	1768.6	1792.8	1773.8	1761.7	1792.8	1822.2	1808.4	1718.5	1675.2
57.5°	1595.7	1654.5	1761.7	1773.8	1751.3	1730.6	1766.9	1808.4	1803.2	1721.9	1678.7
60°	1581.9	1635.5	1723.6	1727.1	1689.1	1656.2	1709.8	1772.0	1772.0	1709.8	1671.8
62.5°	1517.9	1571.5	1649.3	1652.8	1609.5	1573.2	1635.5	1709.8	1708.1	1657.9	1618.2
65°	1412.5	1462.6	1550.8	1559.4	1516.2	1478.1	1542.1	1611.3	1616.5	1571.5	1536.9
67.5°	1296.6	1341.6	1407.3	1441.8	1405.5	1365.8	1424.6	1490.2	1488.5	1434.9	1398.6
70°	1158.3	1199.8	1260.3	1289.7	1267.2	1229.2	1282.8	1317.4	1301.8	1275.9	1251.7
72.5°	1021.7	1061.5	1118.6	1118.6	1094.3	1058.0	1073.6	1135.8	1154.9	1135.8	1120.3
75°	878.2	912.8	952.6	961.2	907.6	841.9	914.5	968.1	990.6	982.0	963.0
77.5°	731.3	757.2	816.0	800.4	700.2	665.6	724.4	803.9	819.5	814.3	788.3
80°	563.6	579.2	641.4	610.3	532.5	510.0	535.9	598.2	601.6	584.3	551.5
82.5°	378.6	399.4	440.9	380.3	378.6	357.9	337.1	344.0	375.2	371.7	349.2
85°	193.6	204.0	243.8	228.2	195.4	169.4	160.8	171.2	153.9	140.0	121.0
87.5°	81.3	88.2	121.0	67.4	20.7	0.0	0.0	10.4	15.6	22.5	24.2
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: P636227
 CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0
2.5°	2577.7	2596.7	2643.4	2702.2	2759.2	2818.0	2882.0	2921.7	2970.1	3032.4	3034.1
5°	2397.9	2441.1	2508.5	2598.4	2691.8	2799.0	2923.4	3027.2	3151.7	3250.2	3290.0
7.5°	2287.2	2349.5	2434.2	2548.3	2671.0	2804.2	2966.7	3141.3	3345.3	3476.7	3554.5
10°	2297.6	2392.7	2477.4	2574.2	2684.9	2828.4	3037.6	3269.2	3519.9	3692.8	3789.6
12.5°	2482.6	2582.9	2567.3	2562.1	2636.5	2811.1	3094.6	3398.9	3704.9	3877.8	3993.6
15°	2716.0	2754.0	2607.1	2496.4	2541.4	2748.8	3125.7	3514.7	3858.7	4069.7	4183.8
17.5°	2835.3	2759.2	2581.1	2415.2	2403.1	2653.8	3141.3	3632.3	4031.6	4242.5	4363.6
20°	2780.0	2669.3	2518.9	2361.6	2275.1	2524.1	3132.6	3725.6	4188.9	4424.1	4522.6
22.5°	2660.7	2563.9	2446.3	2295.9	2171.4	2382.3	3110.2	3819.0	4329.0	4565.8	4652.3
25°	2531.0	2458.4	2361.6	2230.2	2112.6	2257.8	3094.6	3943.5	4489.8	4716.2	4771.6
27.5°	2401.3	2347.7	2268.2	2166.2	2098.8	2171.4	3099.8	4106.0	4697.2	4911.6	4889.1
30°	2273.4	2226.7	2171.4	2126.5	2097.1	2150.7	3086.0	4278.8	4925.4	5124.2	4991.1
32.5°	2152.4	2109.2	2074.6	2081.5	2098.8	2159.3	3015.1	4436.2	5134.6	5304.0	5101.8
35°	2048.7	2003.7	2003.7	2027.9	2091.9	2129.9	2831.8	4558.9	5366.3	5535.7	5259.1
37.5°	1951.8	1912.1	1938.0	1977.8	2038.3	2050.4	2596.7	4678.2	5703.4	5862.5	5502.9
40°	1867.1	1827.4	1874.0	1924.2	1955.3	1950.1	2358.1	4844.2	6101.0	6265.3	5826.1
42.5°	1799.7	1763.4	1804.9	1868.9	1874.0	1879.2	2183.5	5003.2	6562.6	6771.8	6382.8
45°	1744.4	1718.5	1739.2	1803.2	1803.2	1882.7	2074.6	5136.3	7257.6	7627.6	7404.6
47.5°	1701.2	1685.6	1696.0	1716.7	1751.3	1944.9	2005.4	5238.3	8523.1	9249.2	9024.5
50°	1677.0	1661.4	1675.2	1632.0	1735.7	1976.0	1983.0	5316.1	10191.4	11329.0	11050.7
52.5°	1656.2	1651.0	1659.7	1559.4	1770.3	1955.3	1965.7	5212.4	11310.0	13375.9	13650.8
55°	1649.3	1652.8	1611.3	1505.8	1811.8	1886.2	1913.8	4470.7	11614.3	15141.1	16847.4
57.5°	1652.8	1642.4	1536.9	1511.0	1813.5	1747.8	1988.2	3189.7	11171.7	15908.7	19974.9
60°	1640.7	1588.8	1447.0	1557.7	1734.0	1585.3	1934.6	2079.8	10004.7	15319.1	20156.4
62.5°	1587.1	1511.0	1369.2	1583.6	1592.3	1488.5	1756.5	1602.6	8448.8	14057.1	18406.8
65°	1509.3	1407.3	1303.5	1530.0	1448.8	1443.6	1320.8	1284.5	6794.3	12554.7	16747.2
67.5°	1381.3	1279.3	1255.1	1407.3	1303.5	1279.3	1061.5	1065.0	5421.6	10953.9	15078.8
70°	1236.1	1134.1	1153.1	1272.4	1160.0	1063.2	859.2	886.9	4112.9	9126.5	12829.6
72.5°	1141.0	1004.4	1006.2	1120.3	1020.0	861.0	707.1	731.3	2610.5	6879.0	10200.1
75°	963.0	885.2	847.1	907.6	866.1	670.8	594.7	589.5	1547.3	4930.6	7638.0
77.5°	803.9	743.4	724.4	748.6	646.6	496.2	478.9	470.2	876.5	3158.6	5005.0
80°	582.6	567.1	565.3	577.4	497.9	364.8	364.8	366.5	472.0	1715.0	2821.4
82.5°	370.0	404.5	357.9	397.6	338.9	259.3	242.0	274.9	271.4	731.3	1189.4
85°	153.9	210.9	197.1	209.2	160.8	141.8	152.1	164.2	157.3	281.8	463.3
87.5°	29.4	34.6	38.0	36.3	36.3	44.9	50.1	60.5	60.5	81.3	140.0
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: P636227
 CATALOG NUMBER: GWS-SA3F-735-U-SLL-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0	2818.0
2.5°	3099.8	3149.9	3139.6	3162.0	3132.6	3143.0	3084.2	3068.7	3058.3	3061.8
5°	3417.9	3519.9	3538.9	3576.9	3551.0	3551.0	3447.3	3369.5	3341.8	3321.1
7.5°	3741.2	3888.1	3984.9	3995.3	3981.5	3953.8	3803.4	3663.4	3613.2	3570.0
10°	4028.2	4204.5	4313.4	4365.3	4339.4	4296.1	4109.4	3917.5	3857.0	3819.0
12.5°	4247.7	4403.3	4475.9	4510.5	4507.1	4491.5	4339.4	4131.9	4067.9	4009.2
15°	4389.5	4467.3	4439.6	4437.9	4462.1	4524.3	4477.7	4315.2	4240.8	4187.2
17.5°	4481.1	4406.8	4284.0	4227.0	4278.8	4425.8	4533.0	4441.4	4373.9	4315.2
20°	4514.0	4249.5	4071.4	3965.9	4026.4	4239.1	4503.6	4533.0	4475.9	4427.5
22.5°	4475.9	4057.6	3815.5	3691.0	3749.8	4004.0	4417.2	4607.3	4569.3	4522.6
25°	4382.6	3857.0	3566.6	3454.2	3518.2	3777.5	4263.3	4676.5	4678.2	4640.2
27.5°	4266.7	3672.0	3392.0	3286.5	3348.7	3590.8	4112.9	4737.0	4797.5	4783.7
30°	4149.2	3561.4	3309.0	3234.6	3281.3	3495.7	3959.0	4799.2	4920.2	4944.4
32.5°	4095.6	3615.0	3504.3	3537.2	3476.7	3551.0	3903.7	4887.4	5068.9	5108.7
35°	4166.5	4090.4	4370.5	4500.1	4285.8	4004.0	3974.6	5020.5	5278.1	5336.9
37.5°	4510.5	5108.7	5527.1	5983.5	5611.8	4991.1	4325.5	5247.0	5577.2	5670.6
40°	5259.1	5997.3	6752.8	7342.3	6780.5	5945.4	4992.9	5584.1	5988.7	6073.4
42.5°	5964.5	6830.6	7871.4	8633.8	7904.2	6725.1	5712.0	6151.2	6531.5	6578.2
45°	6656.0	7648.3	9225.0	10284.8	9294.2	7466.8	6446.8	7108.9	7395.9	7397.7
47.5°	7466.8	8569.8	10922.7	12432.0	11138.8	8288.0	7136.6	8625.1	9024.5	8829.1
50°	8436.7	9486.1	12670.6	14930.2	13388.0	9297.6	8013.1	10473.2	11017.8	10796.5
52.5°	9735.0	10495.7	14596.5	17366.1	15839.5	10447.3	9283.8	12914.3	13094.1	12681.0
55°	11562.4	11953.1	17068.7	20374.2	18576.3	11863.2	11142.3	15977.8	15474.7	14290.5
57.5°	15723.7	14259.4	20242.8	23806.0	21672.6	14435.7	15215.4	19356.0	17566.6	15569.8
60°	19205.5	17060.1	23180.1	27211.7	24326.3	17271.0	19039.6	19943.8	17488.8	15428.1
62.5°	18031.7	17774.1	24239.9	27586.9	25232.2	18666.2	18329.0	18462.1	16347.8	14485.8
65°	15820.5	16396.2	23294.2	25807.9	24227.8	17416.2	16579.5	17092.9	15042.5	13166.8
67.5°	14515.2	14938.8	21612.1	22960.6	22402.1	16064.3	15218.9	14847.2	13016.3	11422.4
70°	13180.6	13531.5	19250.5	19387.1	19554.8	13816.8	12444.1	11337.7	9702.2	8587.1
72.5°	11389.5	11408.5	16264.8	15473.0	15791.1	10812.1	10016.8	8476.4	7062.3	6050.9
75°	9555.2	9033.1	12874.6	10815.5	11453.5	8410.7	8317.4	6388.0	5326.5	4496.7
77.5°	7285.3	6675.0	9404.8	7112.4	8044.2	5601.4	6253.2	4332.4	3748.1	2992.6
80°	4890.9	4510.5	5196.9	4014.3	5262.6	3860.5	4078.3	2454.9	2128.2	1651.0
82.5°	2579.4	2202.5	3212.2	2380.6	3174.1	2121.3	1530.0	759.0	646.6	522.1
85°	999.3	1156.6	1575.0	847.1	1230.9	757.2	442.6	188.4	157.3	119.3
87.5°	193.6	299.1	164.2	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

(END OF REPORT)