

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: P642002

Luminaire Tested: GWS-SA6C-722-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P642002
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-SA6C-722-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (6) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19602.7 lumens
Efficiency: N/A
Efficacy: 103.6 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

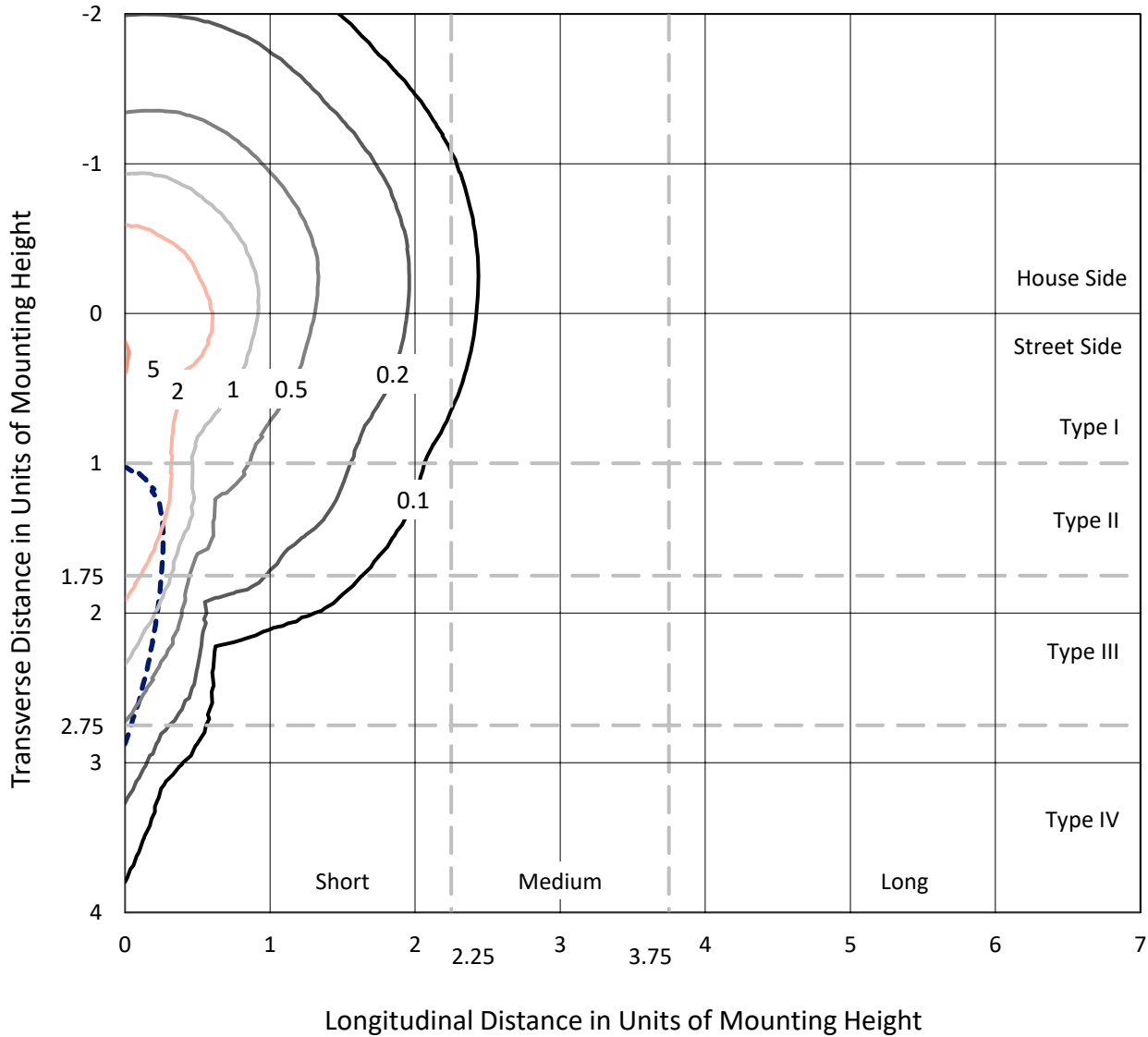
Input Watts (W): 189.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P642002
 CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

Iso-Footcandle Lines of Horizontal Illumination

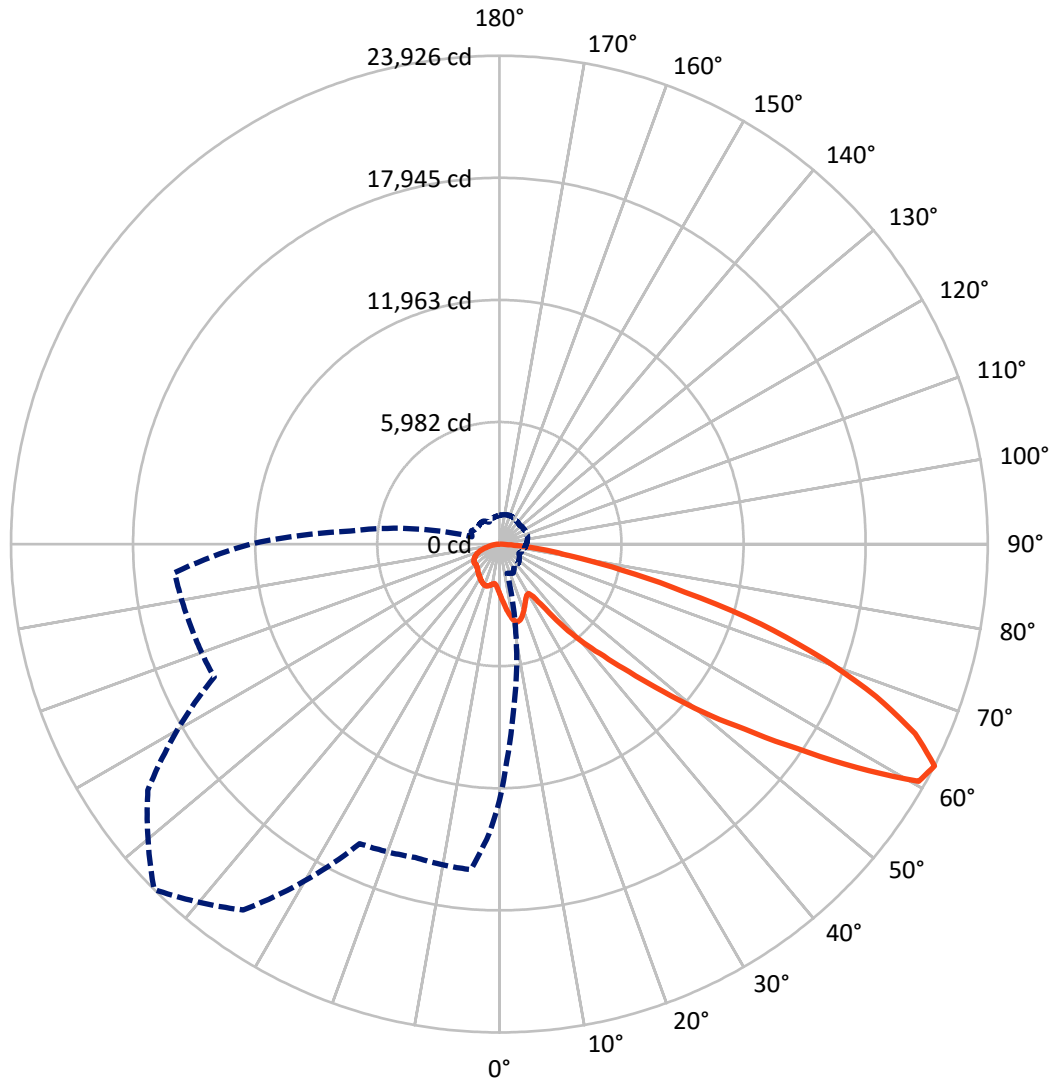
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.2 fc
 Type III - Short - N/A

REPORT NUMBER: P642002
CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P642002

CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4687.0	0.0	4687.0
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	14915.7	0.0	14915.7
	% Fixture	76.1	0.0	76.1
Total	Lumens	19602.7	0.0	19602.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.8	1.2
10°-20°	782.5	4.0
20°-30°	1231.9	6.3
30°-40°	1688.5	8.6
40°-50°	2634.6	13.4
50°-60°	4542.5	23.2
60°-70°	5264.2	26.9
70°-80°	2778.7	14.2
80°-90°	438.9	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°	19602.7	100.0
0°-180°	19602.7	100.0

Coefficient of Utilization



REPORT NUMBER: P642002

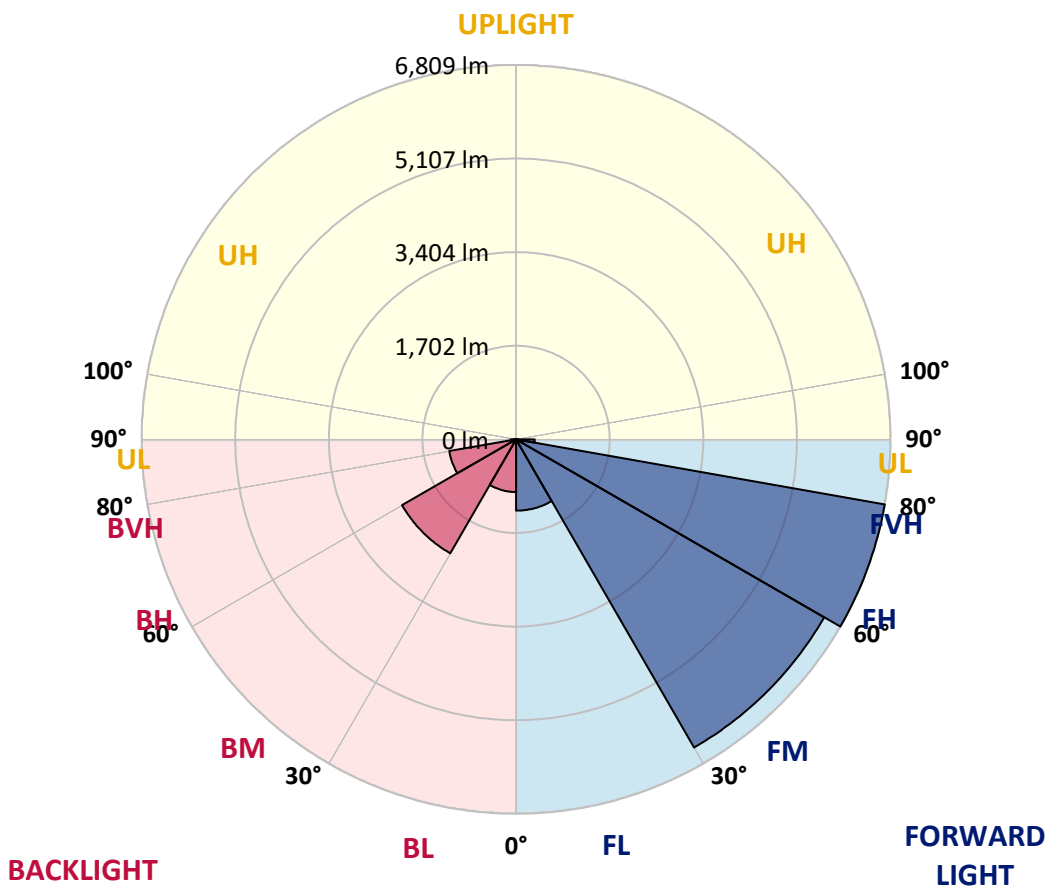
CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1296.5	6.6			
FM (30°-60°)	6471.5	33.0			
FH (60°-80°)	6808.8	34.7			G3/7500
FVH (80°-90°)	338.8	1.7			G3/500
BL (0°-30°)	958.7	4.9	B2/1000		
BM (30°-60°)	2394.1	12.2	B2/2500		
BH (60°-80°)	1234.1	6.3	B3/2500		G3/2500
BVH (80°-90°)	100.1	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-G3

Type III Short





REPORT NUMBER: P642002
 CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1
2.5°	2655.5	2645.0	2630.0	2579.0	2547.5	2511.5	2474.0	2430.6	2381.1	2346.6	2312.1
5°	2880.4	2863.9	2827.9	2706.4	2622.5	2531.0	2454.5	2367.6	2282.1	2223.6	2165.2
7.5°	3096.3	3075.3	3019.8	2833.9	2697.5	2565.5	2450.0	2324.1	2196.6	2109.7	2040.7
10°	3312.2	3268.7	3198.3	2955.4	2775.4	2622.5	2490.5	2336.1	2166.7	2048.2	1974.7
12.5°	3477.1	3436.7	3360.2	3066.3	2853.4	2661.5	2513.0	2370.6	2226.6	2100.7	2025.7
15°	3631.6	3579.1	3492.1	3169.8	2917.9	2660.0	2468.0	2343.6	2322.6	2291.1	2193.6
17.5°	3742.5	3694.6	3604.6	3253.7	2953.9	2613.5	2343.6	2270.1	2364.6	2460.5	2367.6
20°	3840.0	3784.5	3693.1	3312.2	2961.3	2510.0	2192.1	2193.6	2342.1	2474.0	2451.5
22.5°	3922.5	3861.0	3780.0	3378.2	2958.4	2366.1	2060.2	2150.2	2298.6	2402.1	2405.1
25°	4024.4	3973.5	3906.0	3475.7	2958.4	2219.1	1964.2	2097.7	2225.1	2312.1	2309.1
27.5°	4148.9	4114.4	4058.9	3624.1	2985.3	2096.2	1910.3	2030.2	2130.7	2205.6	2204.1
30°	4288.3	4256.8	4214.9	3781.5	3031.8	2004.7	1880.3	1946.2	2019.7	2079.7	2079.7
32.5°	4430.8	4418.8	4373.8	3907.5	2995.8	1976.2	1854.8	1862.3	1901.3	1950.7	1946.2
35°	4628.7	4616.7	4559.7	4004.9	2839.9	1935.7	1814.3	1776.8	1781.3	1812.8	1823.3
37.5°	4918.1	4900.1	4816.1	4118.9	2604.5	1833.8	1748.3	1686.8	1673.4	1686.8	1706.3
40°	5267.5	5240.5	5126.5	4273.3	2333.1	1695.8	1644.9	1593.9	1571.4	1575.9	1598.4
42.5°	5705.3	5648.3	5484.9	4436.8	2064.7	1574.4	1529.4	1497.9	1472.4	1469.4	1512.9
45°	6416.0	6260.1	6000.7	4582.2	1838.3	1509.9	1425.9	1403.5	1382.5	1394.5	1445.4
47.5°	7657.5	7369.6	6864.3	4706.7	1700.3	1511.4	1343.5	1319.5	1318.0	1342.0	1399.0
50°	9363.9	8948.5	8168.8	4790.6	1628.4	1529.4	1294.0	1255.0	1283.5	1307.5	1361.5
52.5°	10998.2	10364.0	9435.8	4789.1	1596.9	1532.4	1307.5	1195.0	1283.5	1289.5	1340.5
55°	12394.2	11245.6	9777.7	4297.3	1551.9	1520.4	1360.0	1148.6	1267.0	1289.5	1330.0
57.5°	13503.8	11806.4	9752.2	3471.2	1688.3	1454.4	1391.5	1138.1	1219.0	1292.5	1339.0
60°	13380.8	11550.0	9124.0	2130.7	1674.8	1337.5	1387.0	1157.6	1138.1	1252.0	1328.5
62.5°	12563.6	10630.9	8042.9	1478.4	1572.9	1270.0	1313.5	1192.0	1063.1	1193.5	1277.5
65°	11419.6	9444.8	6702.4	1133.6	1303.0	1273.0	1189.0	1168.0	997.1	1100.6	1190.5
67.5°	9906.7	7973.9	5291.4	898.2	908.6	1102.1	1079.6	1037.6	935.6	1018.1	1099.1
70°	7447.6	5819.2	3640.6	722.7	688.2	920.6	970.1	932.6	875.7	899.7	985.1
72.5°	5248.0	3799.5	1994.2	572.8	530.8	707.7	842.7	836.7	773.7	791.7	875.7
75°	3900.0	2688.5	1246.0	452.8	431.8	506.8	706.2	724.2	671.7	692.7	757.2
77.5°	2595.5	1740.8	692.7	335.9	335.9	370.4	526.3	610.3	571.3	587.8	632.8
80°	1431.9	886.2	346.4	220.4	226.4	254.9	383.9	439.3	440.8	481.3	493.3
82.5°	452.8	281.9	154.4	128.9	121.5	145.4	247.4	314.9	293.9	374.9	344.9
85°	103.5	66.0	28.5	28.5	31.5	48.0	94.5	167.9	214.4	257.9	187.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	66.0	97.5	87.0
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: P642002
 CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1
2.5°	2291.1	2261.1	2252.1	2226.6	2223.6	2199.6	2190.6	2190.6	2201.1	2201.1	2211.6
5°	2141.2	2103.7	2082.7	2052.7	2045.2	2027.2	2015.2	2016.7	2030.2	2039.2	2057.2
7.5°	2009.2	1983.7	1968.7	1955.2	1952.2	1949.2	1935.7	1934.2	1938.7	1952.2	1965.7
10°	1953.7	1935.7	1940.2	1950.7	1967.2	1976.2	1964.2	1958.2	1953.7	1962.7	1974.7
12.5°	2007.7	1989.7	1998.7	2016.7	2039.2	2048.2	2043.7	2042.2	2046.7	2081.2	2106.7
15°	2126.2	2091.7	2079.7	2087.2	2105.2	2114.2	2109.7	2115.7	2144.2	2234.1	2298.6
17.5°	2273.1	2189.1	2141.2	2127.7	2135.2	2142.7	2142.7	2157.7	2207.1	2339.1	2420.1
20°	2352.6	2243.1	2162.2	2129.2	2132.2	2139.7	2139.7	2160.7	2216.1	2357.1	2409.6
22.5°	2331.6	2231.1	2132.2	2096.2	2097.7	2103.7	2103.7	2121.7	2171.2	2295.6	2319.6
25°	2249.1	2160.7	2063.2	2031.7	2034.7	2045.2	2042.2	2052.7	2090.2	2192.1	2205.6
27.5°	2150.2	2072.2	1976.2	1952.2	1965.7	1986.7	1968.7	1970.2	2004.7	2090.2	2091.7
30°	2043.7	1979.2	1893.8	1875.8	1901.3	1911.8	1895.3	1895.3	1929.8	1988.2	1986.7
32.5°	1928.3	1887.8	1826.3	1806.8	1835.3	1851.8	1830.8	1833.8	1860.8	1899.8	1884.8
35°	1820.3	1799.3	1770.8	1757.3	1775.3	1790.3	1776.8	1782.8	1808.3	1818.8	1797.8
37.5°	1716.8	1713.8	1716.8	1716.8	1721.3	1725.8	1716.8	1731.8	1754.3	1740.8	1716.8
40°	1626.9	1638.9	1667.4	1659.9	1655.4	1659.9	1653.9	1679.3	1701.8	1677.8	1649.4
42.5°	1551.9	1574.4	1617.9	1617.9	1608.9	1611.9	1608.9	1640.4	1656.9	1623.9	1592.4
45°	1487.4	1520.4	1575.9	1583.4	1568.4	1568.4	1574.4	1613.4	1619.4	1574.4	1541.4
47.5°	1442.4	1482.9	1545.9	1559.4	1536.9	1535.4	1551.9	1593.9	1593.9	1541.4	1503.9
50°	1411.0	1455.9	1530.9	1548.9	1526.4	1520.4	1547.4	1587.9	1578.9	1515.9	1478.4
52.5°	1390.0	1436.4	1529.4	1554.9	1539.9	1533.9	1560.9	1589.4	1566.9	1499.4	1460.4
55°	1376.5	1427.4	1533.9	1554.9	1538.4	1527.9	1554.9	1580.4	1568.4	1490.4	1452.9
57.5°	1384.0	1434.9	1527.9	1538.4	1518.9	1500.9	1532.4	1568.4	1563.9	1493.4	1455.9
60°	1372.0	1418.4	1494.9	1497.9	1464.9	1436.4	1482.9	1536.9	1536.9	1482.9	1449.9
62.5°	1316.5	1363.0	1430.4	1433.4	1396.0	1364.5	1418.4	1482.9	1481.4	1437.9	1403.5
65°	1225.0	1268.5	1345.0	1352.5	1315.0	1282.0	1337.5	1397.5	1402.0	1363.0	1333.0
67.5°	1124.6	1163.5	1220.5	1250.5	1219.0	1184.5	1235.5	1292.5	1291.0	1244.5	1213.0
70°	1004.6	1040.6	1093.1	1118.6	1099.1	1066.1	1112.6	1142.6	1129.1	1106.6	1085.6
72.5°	886.2	920.6	970.1	970.1	949.1	917.6	931.1	985.1	1001.6	985.1	971.6
75°	761.7	791.7	826.2	833.7	787.2	730.2	793.2	839.7	859.2	851.7	835.2
77.5°	634.3	656.7	707.7	694.2	607.3	577.3	628.3	697.2	710.7	706.2	683.7
80°	488.8	502.3	556.3	529.3	461.8	442.3	464.8	518.8	521.8	506.8	478.3
82.5°	328.4	346.4	382.4	329.9	328.4	310.4	292.4	298.4	325.4	322.4	302.9
85°	167.9	176.9	211.4	197.9	169.4	146.9	139.4	148.4	133.4	121.5	105.0
87.5°	70.5	76.5	105.0	58.5	18.0	0.0	0.0	9.0	13.5	19.5	21.0
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: P642002
 CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1
2.5°	2235.6	2252.1	2292.6	2343.6	2393.1	2444.1	2499.5	2534.0	2576.0	2630.0	2631.5
5°	2079.7	2117.2	2175.7	2253.6	2334.6	2427.6	2535.5	2625.5	2733.4	2818.9	2853.4
7.5°	1983.7	2037.7	2111.2	2210.1	2316.6	2432.1	2573.0	2724.4	2901.4	3015.3	3082.8
10°	1992.7	2075.2	2148.7	2232.6	2328.6	2453.0	2634.5	2835.4	3052.8	3202.8	3286.7
12.5°	2153.2	2240.1	2226.6	2222.1	2286.6	2438.1	2684.0	2947.9	3213.3	3363.2	3463.7
15°	2355.6	2388.6	2261.1	2165.2	2204.1	2384.1	2710.9	3048.3	3346.7	3529.6	3628.6
17.5°	2459.0	2393.1	2238.6	2094.7	2084.2	2301.6	2724.4	3150.3	3496.6	3679.6	3784.5
20°	2411.1	2315.1	2184.7	2048.2	1973.2	2189.1	2716.9	3231.2	3633.1	3837.0	3922.5
22.5°	2307.6	2223.6	2121.7	1991.2	1883.3	2066.2	2697.5	3312.2	3754.5	3960.0	4034.9
25°	2195.1	2132.2	2048.2	1934.2	1832.3	1958.2	2684.0	3420.2	3894.0	4090.4	4138.4
27.5°	2082.7	2036.2	1967.2	1878.8	1820.3	1883.3	2688.5	3561.1	4073.9	4259.8	4240.4
30°	1971.7	1931.2	1883.3	1844.3	1818.8	1865.3	2676.5	3711.1	4271.8	4444.3	4328.8
32.5°	1866.8	1829.3	1799.3	1805.3	1820.3	1872.8	2615.0	3847.5	4453.3	4600.2	4424.8
35°	1776.8	1737.8	1737.8	1758.8	1814.3	1847.3	2456.0	3954.0	4654.2	4801.1	4561.2
37.5°	1692.8	1658.4	1680.8	1715.3	1767.8	1778.3	2252.1	4057.4	4946.6	5084.5	4772.6
40°	1619.4	1584.9	1625.4	1668.9	1695.8	1691.3	2045.2	4201.4	5291.4	5433.9	5053.0
42.5°	1560.9	1529.4	1565.4	1620.9	1625.4	1629.9	1893.8	4339.3	5691.8	5873.2	5535.9
45°	1512.9	1490.4	1508.4	1563.9	1563.9	1632.9	1799.3	4454.8	6294.6	6615.4	6422.0
47.5°	1475.4	1461.9	1470.9	1488.9	1518.9	1686.8	1739.3	4543.2	7392.1	8021.9	7827.0
50°	1454.4	1440.9	1452.9	1415.5	1505.4	1713.8	1719.8	4610.7	8839.1	9825.7	9584.3
52.5°	1436.4	1431.9	1439.4	1352.5	1535.4	1695.8	1704.8	4520.7	9809.2	11601.0	11839.4
55°	1430.4	1433.4	1397.5	1306.0	1571.4	1635.9	1659.9	3877.5	10073.1	13131.9	14611.8
57.5°	1433.4	1424.4	1333.0	1310.5	1572.9	1515.9	1724.3	2766.4	9689.2	13797.6	17324.3
60°	1422.9	1378.0	1255.0	1351.0	1503.9	1375.0	1677.8	1803.8	8677.1	13286.3	17481.7
62.5°	1376.5	1310.5	1187.5	1373.5	1381.0	1291.0	1523.4	1390.0	7327.7	12191.8	15964.3
65°	1309.0	1220.5	1130.6	1327.0	1256.5	1252.0	1145.6	1114.1	5892.7	10888.8	14524.9
67.5°	1198.0	1109.6	1088.6	1220.5	1130.6	1109.6	920.6	923.6	4702.2	9500.3	13077.9
70°	1072.1	983.6	1000.1	1103.6	1006.1	922.1	745.2	769.2	3567.1	7915.4	11127.2
72.5°	989.6	871.2	872.7	971.6	884.7	746.7	613.3	634.3	2264.1	5966.2	8846.6
75°	835.2	767.7	734.7	787.2	751.2	581.8	515.8	511.3	1342.0	4276.3	6624.4
77.5°	697.2	644.7	628.3	649.2	560.8	430.3	415.3	407.8	760.2	2739.4	4340.8
80°	505.3	491.8	490.3	500.8	431.8	316.4	316.4	317.9	409.3	1487.4	2447.0
82.5°	320.9	350.9	310.4	344.9	293.9	224.9	209.9	238.4	235.4	634.3	1031.6
85°	133.4	182.9	170.9	181.4	139.4	123.0	131.9	142.4	136.4	244.4	401.8
87.5°	25.5	30.0	33.0	31.5	31.5	39.0	43.5	52.5	52.5	70.5	121.5
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: P642002
 CATALOG NUMBER: GWS-SA6C-722-U-SLL-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1	2444.1
2.5°	2688.5	2731.9	2722.9	2742.4	2716.9	2725.9	2675.0	2661.5	2652.5	2655.5
5°	2964.3	3052.8	3069.3	3102.3	3079.8	3079.8	2989.8	2922.4	2898.4	2880.4
7.5°	3244.7	3372.2	3456.2	3465.2	3453.2	3429.2	3298.7	3177.3	3133.8	3096.3
10°	3493.6	3646.6	3741.0	3786.0	3763.5	3726.1	3564.1	3397.7	3345.2	3312.2
12.5°	3684.1	3819.0	3882.0	3912.0	3909.0	3895.5	3763.5	3583.6	3528.1	3477.1
15°	3807.0	3874.5	3850.5	3849.0	3870.0	3924.0	3883.5	3742.5	3678.1	3631.6
17.5°	3886.5	3822.0	3715.6	3666.1	3711.1	3838.5	3931.5	3852.0	3793.5	3742.5
20°	3915.0	3685.6	3531.1	3439.7	3492.1	3676.6	3906.0	3931.5	3882.0	3840.0
22.5°	3882.0	3519.1	3309.2	3201.3	3252.2	3472.7	3831.0	3995.9	3963.0	3922.5
25°	3801.0	3345.2	3093.3	2995.8	3051.3	3276.2	3697.6	4055.9	4057.4	4024.4
27.5°	3700.6	3184.8	2941.9	2850.4	2904.4	3114.3	3567.1	4108.4	4160.9	4148.9
30°	3598.6	3088.8	2869.9	2805.4	2845.9	3031.8	3433.7	4162.4	4267.3	4288.3
32.5°	3552.1	3135.3	3039.3	3067.8	3015.3	3079.8	3385.7	4238.9	4396.3	4430.8
35°	3613.6	3547.6	3790.5	3903.0	3717.1	3472.7	3447.2	4354.3	4577.7	4628.7
37.5°	3912.0	4430.8	4793.6	5189.5	4867.1	4328.8	3751.5	4550.7	4837.1	4918.1
40°	4561.2	5201.5	5856.7	6368.0	5880.7	5156.5	4330.3	4843.1	5194.0	5267.5
42.5°	5173.0	5924.2	6826.8	7488.1	6855.3	5832.7	4954.1	5334.9	5664.8	5705.3
45°	5772.8	6633.4	8000.9	8920.0	8060.9	6476.0	5591.3	6165.6	6414.5	6416.0
47.5°	6476.0	7432.6	9473.3	10782.3	9660.7	7188.2	6189.6	7480.6	7827.0	7657.5
50°	7317.2	8227.3	10989.2	12949.0	11611.5	8063.9	6949.8	9083.5	9555.8	9363.9
52.5°	8443.2	9103.0	12659.6	15061.7	13737.7	9061.0	8051.9	11200.6	11356.6	10998.2
55°	10028.1	10367.0	14803.8	17670.6	16111.2	10289.0	9663.7	13857.6	13421.3	12394.2
57.5°	13637.2	12367.2	17556.7	20647.0	18796.7	12520.1	13196.4	16787.5	15235.6	13503.8
60°	16657.0	14796.3	20104.2	23600.8	21098.3	14979.2	16513.1	17297.3	15168.1	13380.8
62.5°	15638.9	15415.5	21023.3	23926.2	21884.0	16189.2	15896.8	16012.3	14178.5	12563.6
65°	13721.2	14220.5	20203.2	22383.3	21012.8	15105.1	14379.4	14824.7	13046.4	11419.6
67.5°	12589.1	12956.5	18744.2	19913.8	19429.5	13932.6	13199.4	12877.0	11289.1	9906.7
70°	11431.6	11735.9	16696.0	16814.5	16959.9	11983.3	10792.8	9833.2	8414.7	7447.6
72.5°	9878.2	9894.7	14106.5	13419.8	13695.7	9377.4	8687.6	7351.6	6125.1	5248.0
75°	8287.3	7834.5	11166.2	9380.4	9933.6	7294.7	7213.7	5540.3	4619.7	3900.0
77.5°	6318.5	5789.3	8156.8	6168.6	6976.8	4858.1	5423.4	3757.5	3250.7	2595.5
80°	4241.9	3912.0	4507.2	3481.6	4564.2	3348.2	3537.1	2129.2	1845.8	1431.9
82.5°	2237.1	1910.3	2785.9	2064.7	2752.9	1839.8	1327.0	658.2	560.8	452.8
85°	866.7	1003.1	1366.0	734.7	1067.6	656.7	383.9	163.4	136.4	103.5
87.5°	167.9	259.4	142.4	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)