

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: P637327

Luminaire Tested: GWS-SA4C-750-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P637327  
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-SA4C-750-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (64) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18610.2 lumens  
Efficiency: N/A  
Efficacy: 144.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 128.5  
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

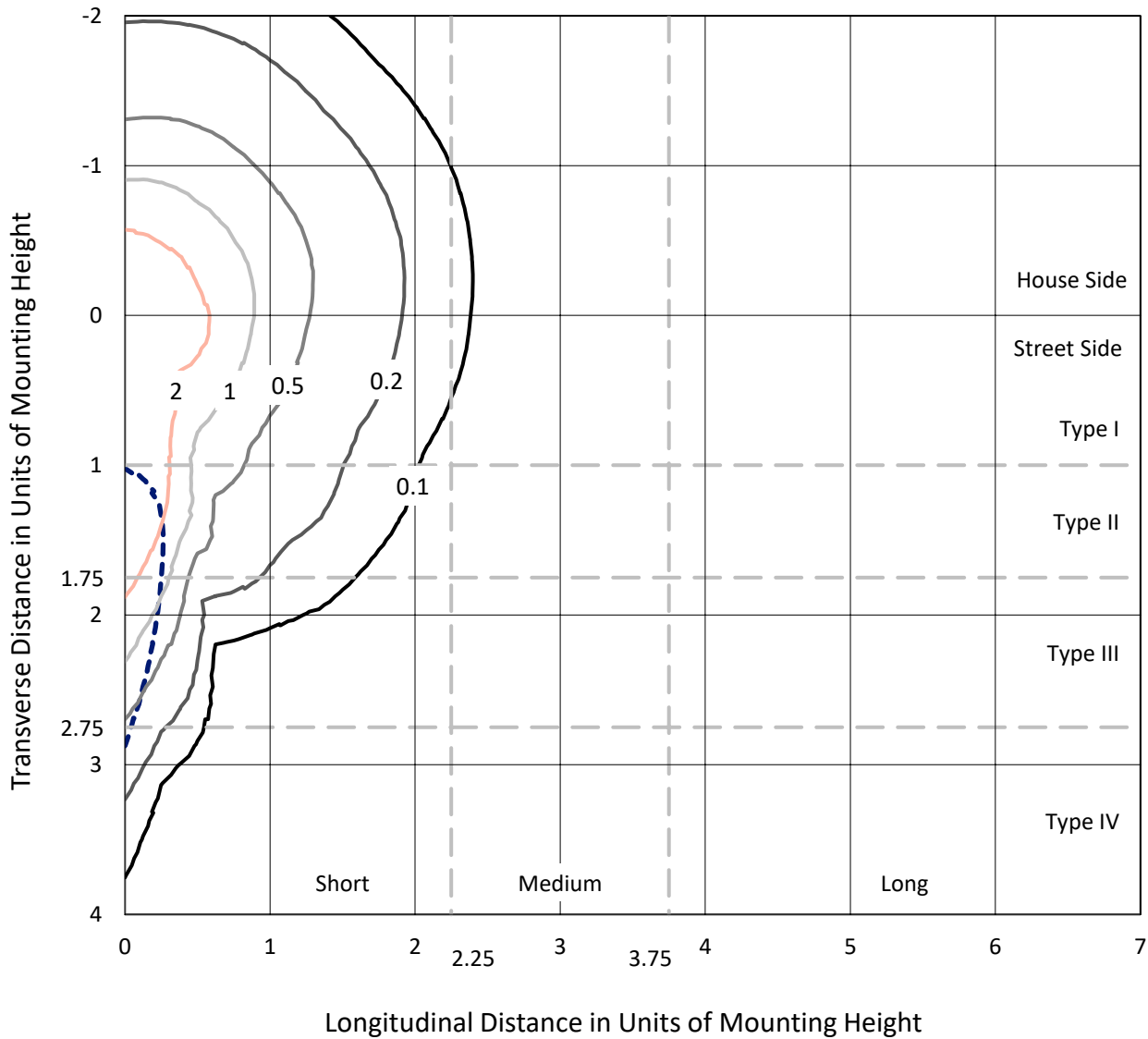


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### Iso-Footcandle Lines of Horizontal Illumination

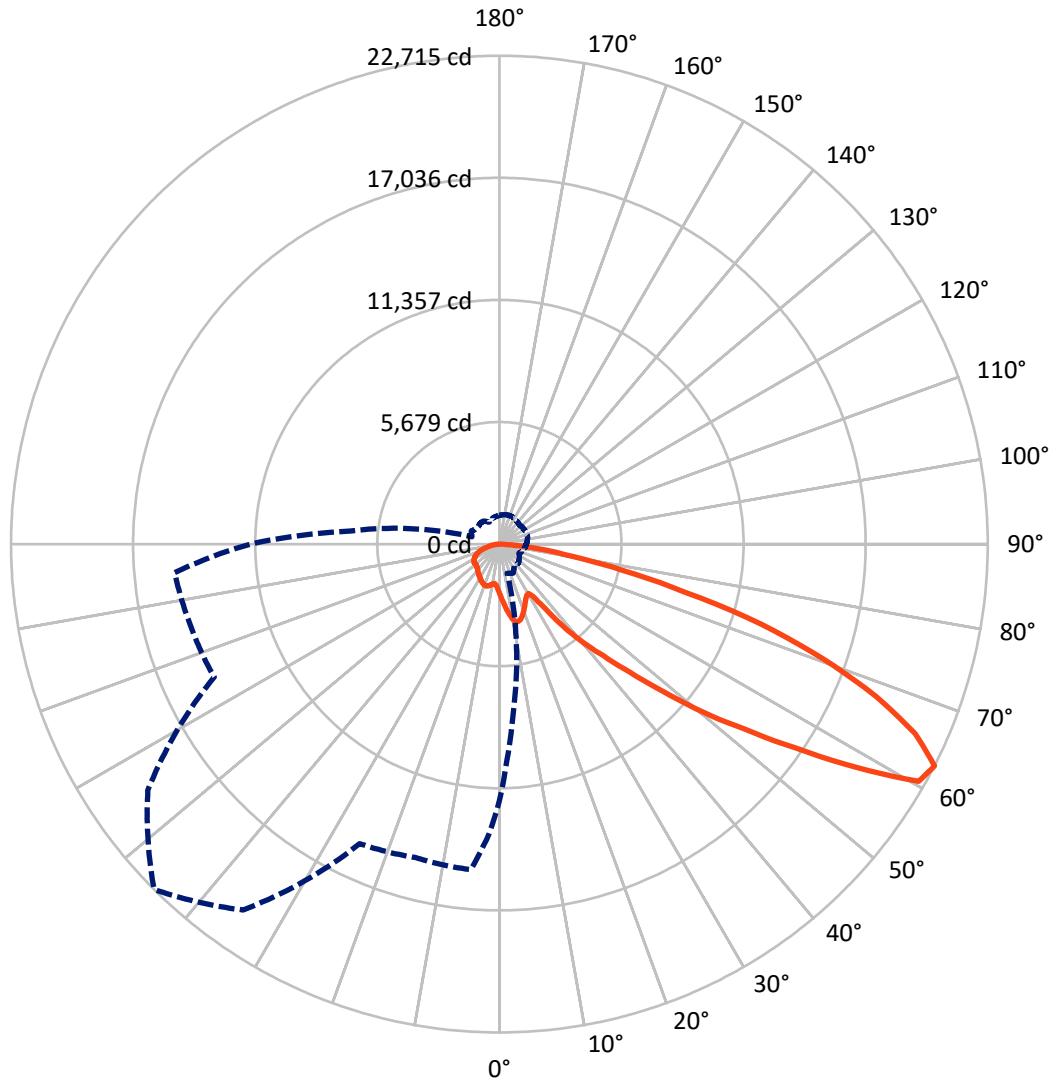
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4449.7	0.0	4449.7
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	14160.5	0.0	14160.5
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	18610.2	0.0	18610.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	228.6	1.2
10°-20°	742.9	4.0
20°-30°	1169.5	6.3
30°-40°	1603.0	8.6
40°-50°	2501.2	13.4
50°-60°	4312.6	23.2
60°-70°	4997.7	26.9
70°-80°	2638.0	14.2
80°-90°	416.7	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°	18610.2	100.0
0°-180°	18610.2	100.0

**Coefficient of Utilization**



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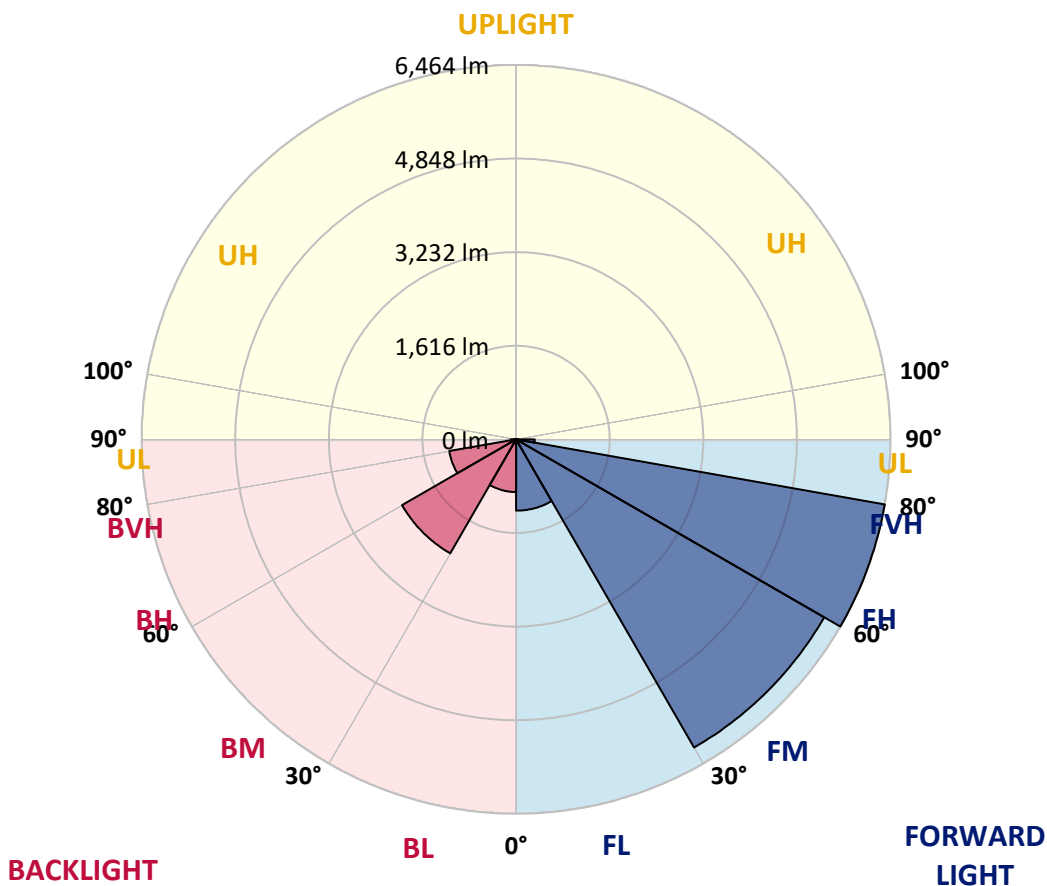
CATALOG NUMBER: GWS-SA4C-750-U-SLL-W

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1230.8	6.6			
FM (30°-60°)	6143.9	33.0			
FH (60°-80°)	6464.1	34.7			G3/7500
FVH (80°-90°)	321.6	1.7			G3/500
BL (0°-30°)	910.1	4.9	B2/1000		
BM (30°-60°)	2272.9	12.2	B2/2500		
BH (60°-80°)	1171.6	6.3	B3/2500		G3/2500
BVH (80°-90°)	95.1	0.5			G1/100
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





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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3
2.5°	2521.0	2511.1	2496.8	2448.4	2418.5	2384.4	2348.8	2307.5	2260.5	2227.8	2195.0
5°	2734.5	2718.9	2684.7	2569.4	2489.7	2402.9	2330.3	2247.7	2166.6	2111.1	2055.5
7.5°	2939.5	2919.6	2866.9	2690.4	2560.9	2435.6	2326.0	2206.4	2085.4	2002.9	1937.4
10°	3144.5	3103.2	3036.3	2805.7	2634.9	2489.7	2364.4	2217.8	2057.0	1944.5	1874.8
12.5°	3301.1	3262.7	3190.1	2911.1	2708.9	2526.7	2385.8	2250.6	2113.9	1994.3	1923.1
15°	3447.7	3397.9	3315.3	3009.3	2770.1	2525.3	2343.1	2224.9	2205.0	2175.1	2082.6
17.5°	3553.1	3507.5	3422.1	3089.0	2804.3	2481.2	2224.9	2155.2	2244.9	2336.0	2247.7
20°	3645.6	3592.9	3506.1	3144.5	2811.4	2382.9	2081.2	2082.6	2223.5	2348.8	2327.4
22.5°	3723.9	3665.5	3588.6	3207.1	2808.6	2246.3	1955.9	2041.3	2182.2	2280.4	2283.3
25°	3820.7	3772.3	3708.2	3299.7	2808.6	2106.8	1864.8	1991.5	2112.5	2195.0	2192.2
27.5°	3938.8	3906.1	3853.4	3440.6	2834.2	1990.1	1813.5	1927.4	2022.8	2094.0	2092.5
30°	4071.2	4041.3	4001.5	3590.1	2878.3	1903.2	1785.1	1847.7	1917.5	1974.4	1974.4
32.5°	4206.4	4195.1	4152.4	3709.6	2844.2	1876.2	1760.9	1768.0	1805.0	1852.0	1847.7
35°	4394.3	4383.0	4328.9	3802.2	2696.1	1837.7	1722.4	1686.8	1691.1	1721.0	1731.0
37.5°	4669.1	4652.0	4572.3	3910.4	2472.6	1740.9	1659.8	1601.4	1588.6	1601.4	1619.9
40°	5000.8	4975.1	4866.9	4057.0	2215.0	1610.0	1561.6	1513.2	1491.8	1496.1	1517.5
42.5°	5416.4	5362.3	5207.2	4212.1	1960.2	1494.7	1452.0	1422.1	1397.9	1395.0	1436.3
45°	6091.2	5943.1	5696.9	4350.2	1745.2	1433.5	1353.7	1332.4	1312.5	1323.9	1372.3
47.5°	7269.8	6996.5	6516.8	4468.4	1614.3	1434.9	1275.5	1252.7	1251.3	1274.0	1328.1
50°	8889.8	8495.5	7755.2	4548.1	1545.9	1452.0	1228.5	1191.5	1218.5	1241.3	1292.5
52.5°	10441.4	9839.2	8958.1	4546.7	1516.0	1454.8	1241.3	1134.5	1218.5	1224.2	1272.6
55°	11766.7	10676.3	9282.6	4079.8	1473.3	1443.4	1291.1	1090.4	1202.9	1224.2	1262.6
57.5°	12820.0	11208.6	9258.5	3295.4	1602.9	1380.8	1321.0	1080.4	1157.3	1227.1	1271.2
60°	12703.3	10965.2	8662.0	2022.8	1590.1	1269.8	1316.7	1098.9	1080.4	1188.6	1261.2
62.5°	11927.5	10092.6	7635.7	1403.6	1493.3	1205.7	1247.0	1131.7	1009.3	1133.1	1212.8
65°	10841.4	8966.6	6363.0	1076.2	1237.0	1208.6	1128.8	1108.9	946.6	1044.8	1130.3
67.5°	9405.1	7570.2	5023.5	852.7	862.6	1046.3	1024.9	985.1	888.3	966.6	1043.4
70°	7070.5	5524.6	3456.3	686.1	653.4	874.0	921.0	885.4	831.3	854.1	935.2
72.5°	4982.3	3607.2	1893.3	543.8	503.9	671.9	800.0	794.3	734.5	751.6	831.3
75°	3702.5	2552.3	1182.9	429.9	410.0	481.1	670.5	687.6	637.7	657.7	718.9
77.5°	2464.1	1652.7	657.7	318.9	318.9	351.6	499.6	579.4	542.4	558.0	600.7
80°	1359.4	841.3	328.8	209.3	214.9	242.0	364.4	417.1	418.5	456.9	468.3
82.5°	429.9	267.6	146.6	122.4	115.3	138.1	234.9	298.9	279.0	355.9	327.4
85°	98.2	62.6	27.0	27.0	29.9	45.6	89.7	159.4	203.6	244.8	177.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	62.6	92.5	82.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3
2.5°	2175.1	2146.6	2138.1	2113.9	2111.1	2088.3	2079.7	2079.7	2089.7	2089.7	2099.7
5°	2032.8	1997.2	1977.2	1948.8	1941.7	1924.6	1913.2	1914.6	1927.4	1936.0	1953.0
7.5°	1907.5	1883.3	1869.1	1856.2	1853.4	1850.6	1837.7	1836.3	1840.6	1853.4	1866.2
10°	1854.8	1837.7	1842.0	1852.0	1867.6	1876.2	1864.8	1859.1	1854.8	1863.4	1874.8
12.5°	1906.1	1889.0	1897.5	1914.6	1936.0	1944.5	1940.2	1938.8	1943.1	1975.8	2000.0
15°	2018.5	1985.8	1974.4	1981.5	1998.6	2007.1	2002.9	2008.6	2035.6	2121.0	2182.2
17.5°	2158.0	2078.3	2032.8	2019.9	2027.1	2034.2	2034.2	2048.4	2095.4	2220.7	2297.5
20°	2233.5	2129.6	2052.7	2021.4	2024.2	2031.3	2031.3	2051.3	2103.9	2237.7	2287.6
22.5°	2213.5	2118.2	2024.2	1990.1	1991.5	1997.2	1997.2	2014.3	2061.2	2179.4	2202.2
25°	2135.3	2051.3	1958.7	1928.8	1931.7	1941.7	1938.8	1948.8	1984.4	2081.2	2094.0
27.5°	2041.3	1967.3	1876.2	1853.4	1866.2	1886.1	1869.1	1870.5	1903.2	1984.4	1985.8
30°	1940.2	1879.0	1797.9	1780.8	1805.0	1815.0	1799.3	1799.3	1832.0	1887.6	1886.1
32.5°	1830.6	1792.2	1733.8	1715.3	1742.4	1758.0	1738.1	1740.9	1766.6	1803.6	1789.3
35°	1728.1	1708.2	1681.2	1668.3	1685.4	1699.7	1686.8	1692.5	1716.7	1726.7	1706.8
37.5°	1629.9	1627.1	1629.9	1629.9	1634.2	1638.4	1629.9	1644.1	1665.5	1652.7	1629.9
40°	1544.5	1555.9	1582.9	1575.8	1571.5	1575.8	1570.1	1594.3	1615.7	1592.9	1565.9
42.5°	1473.3	1494.7	1536.0	1536.0	1527.4	1530.3	1527.4	1557.3	1573.0	1541.7	1511.8
45°	1412.1	1443.4	1496.1	1503.2	1489.0	1489.0	1494.7	1531.7	1537.4	1494.7	1463.4
47.5°	1369.4	1407.8	1467.6	1480.4	1459.1	1457.7	1473.3	1513.2	1513.2	1463.4	1427.8
50°	1339.5	1382.2	1453.4	1470.5	1449.1	1443.4	1469.1	1507.5	1498.9	1439.2	1403.6
52.5°	1319.6	1363.7	1452.0	1476.2	1461.9	1456.2	1481.9	1508.9	1487.6	1423.5	1386.5
55°	1306.8	1355.2	1456.2	1476.2	1460.5	1450.5	1476.2	1500.4	1489.0	1415.0	1379.4
57.5°	1313.9	1362.3	1450.5	1460.5	1442.0	1424.9	1454.8	1489.0	1484.7	1417.8	1382.2
60°	1302.5	1346.6	1419.2	1422.1	1390.8	1363.7	1407.8	1459.1	1459.1	1407.8	1376.5
62.5°	1249.8	1294.0	1358.0	1360.9	1325.3	1295.4	1346.6	1407.8	1406.4	1365.1	1332.4
65°	1163.0	1204.3	1276.9	1284.0	1248.4	1217.1	1269.8	1326.7	1331.0	1294.0	1265.5
67.5°	1067.6	1104.6	1158.7	1187.2	1157.3	1124.6	1173.0	1227.1	1225.6	1181.5	1151.6
70°	953.7	987.9	1037.7	1061.9	1043.4	1012.1	1056.2	1084.7	1071.9	1050.5	1030.6
72.5°	841.3	874.0	921.0	921.0	901.1	871.2	884.0	935.2	950.9	935.2	922.4
75°	723.1	751.6	784.3	791.5	747.3	693.2	753.0	797.2	815.7	808.5	792.9
77.5°	602.1	623.5	671.9	659.1	576.5	548.0	596.4	661.9	674.7	670.5	649.1
80°	464.1	476.9	528.1	502.5	438.4	419.9	441.3	492.5	495.4	481.1	454.1
82.5°	311.7	328.8	363.0	313.2	311.7	294.7	277.6	283.3	308.9	306.1	287.5
85°	159.4	168.0	200.7	187.9	160.9	139.5	132.4	140.9	126.7	115.3	99.6
87.5°	66.9	72.6	99.6	55.5	17.1	0.0	0.0	8.5	12.8	18.5	19.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3
2.5°	2122.4	2138.1	2176.5	2224.9	2271.9	2320.3	2373.0	2405.7	2445.6	2496.8	2498.2
5°	1974.4	2010.0	2065.5	2139.5	2216.4	2304.6	2407.1	2492.6	2595.0	2676.2	2708.9
7.5°	1883.3	1934.5	2004.3	2098.2	2199.3	2308.9	2442.7	2586.5	2754.5	2862.7	2926.7
10°	1891.8	1970.1	2039.9	2119.6	2210.7	2328.8	2501.1	2691.8	2898.2	3040.6	3120.3
12.5°	2044.1	2126.7	2113.9	2109.6	2170.8	2314.6	2548.1	2798.6	3050.6	3192.9	3288.3
15°	2236.3	2267.6	2146.6	2055.5	2092.5	2263.4	2573.7	2894.0	3177.3	3350.9	3444.9
17.5°	2334.5	2271.9	2125.3	1988.6	1978.7	2185.1	2586.5	2990.8	3319.6	3493.3	3592.9
20°	2289.0	2197.9	2074.0	1944.5	1873.3	2078.3	2579.4	3067.6	3449.1	3642.7	3723.9
22.5°	2190.8	2111.1	2014.3	1890.4	1787.9	1961.6	2560.9	3144.5	3564.4	3759.5	3830.6
25°	2084.0	2024.2	1944.5	1836.3	1739.5	1859.1	2548.1	3247.0	3696.8	3883.3	3928.9
27.5°	1977.2	1933.1	1867.6	1783.6	1728.1	1787.9	2552.3	3380.8	3867.7	4044.2	4025.7
30°	1871.9	1833.5	1787.9	1750.9	1726.7	1770.8	2540.9	3523.2	4055.6	4219.3	4109.6
32.5°	1772.3	1736.7	1708.2	1713.9	1728.1	1778.0	2482.6	3652.7	4227.8	4367.3	4200.8
35°	1686.8	1649.8	1649.8	1669.8	1722.4	1753.8	2331.7	3753.8	4418.5	4558.1	4330.3
37.5°	1607.1	1574.4	1595.7	1628.5	1678.3	1688.3	2138.1	3852.0	4696.1	4827.1	4531.0
40°	1537.4	1504.6	1543.1	1584.4	1610.0	1605.7	1941.7	3988.6	5023.5	5158.8	4797.2
42.5°	1481.9	1452.0	1486.1	1538.8	1543.1	1547.3	1797.9	4119.6	5403.6	5575.9	5255.6
45°	1436.3	1415.0	1432.0	1484.7	1484.7	1550.2	1708.2	4229.2	5975.9	6280.5	6096.9
47.5°	1400.7	1387.9	1396.5	1413.5	1442.0	1601.4	1651.3	4313.2	7017.9	7615.7	7430.7
50°	1380.8	1368.0	1379.4	1343.8	1429.2	1627.1	1632.8	4377.3	8391.5	9328.2	9099.0
52.5°	1363.7	1359.4	1366.6	1284.0	1457.7	1610.0	1618.5	4291.9	9312.5	11013.6	11240.0
55°	1358.0	1360.9	1326.7	1239.9	1491.8	1553.0	1575.8	3681.2	9563.1	12467.0	13872.0
57.5°	1360.9	1352.3	1265.5	1244.1	1493.3	1439.2	1637.0	2626.4	9198.7	13099.1	16447.1
60°	1350.9	1308.2	1191.5	1282.6	1427.8	1305.4	1592.9	1712.5	8237.8	12613.6	16596.6
62.5°	1306.8	1244.1	1127.4	1303.9	1311.0	1225.6	1446.3	1319.6	6956.6	11574.5	15156.0
65°	1242.7	1158.7	1073.3	1259.8	1192.9	1188.6	1087.6	1057.7	5594.4	10337.5	13789.5
67.5°	1137.4	1053.4	1033.5	1158.7	1073.3	1053.4	874.0	876.9	4464.1	9019.3	12415.8
70°	1017.8	933.8	949.5	1047.7	955.2	875.5	707.5	730.3	3386.5	7514.7	10563.8
72.5°	939.5	827.1	828.5	922.4	839.9	708.9	582.2	602.1	2149.5	5664.1	8398.7
75°	792.9	728.8	697.5	747.3	713.2	552.3	489.7	485.4	1274.0	4059.8	6289.0
77.5°	661.9	612.1	596.4	616.4	532.4	408.5	394.3	387.2	721.7	2600.7	4121.0
80°	479.7	466.9	465.5	475.4	410.0	300.4	300.4	301.8	388.6	1412.1	2323.2
82.5°	304.6	333.1	294.7	327.4	279.0	213.5	199.3	226.3	223.5	602.1	979.4
85°	126.7	173.7	162.3	172.2	132.4	116.7	125.3	135.2	129.5	232.0	381.5
87.5°	24.2	28.5	31.3	29.9	29.9	37.0	41.3	49.8	49.8	66.9	115.3
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: P637327  
 CATALOG NUMBER: GWS-SA4C-750-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3	2320.3
2.5°	2552.3	2593.6	2585.1	2603.6	2579.4	2587.9	2539.5	2526.7	2518.2	2521.0
5°	2814.3	2898.2	2913.9	2945.2	2923.9	2923.9	2838.5	2774.4	2751.6	2734.5
7.5°	3080.5	3201.5	3281.2	3289.7	3278.3	3255.5	3131.7	3016.4	2975.1	2939.5
10°	3316.8	3462.0	3551.6	3594.3	3573.0	3537.4	3383.7	3225.7	3175.8	3144.5
12.5°	3497.5	3625.7	3685.4	3713.9	3711.1	3698.3	3573.0	3402.2	3349.5	3301.1
15°	3614.3	3678.3	3655.6	3654.1	3674.1	3725.3	3686.9	3553.1	3491.8	3447.7
17.5°	3689.7	3628.5	3527.4	3480.5	3523.2	3644.2	3732.4	3657.0	3601.5	3553.1
20°	3716.8	3499.0	3352.3	3265.5	3315.3	3490.4	3708.2	3732.4	3685.4	3645.6
22.5°	3685.4	3341.0	3141.7	3039.2	3087.6	3296.8	3637.0	3793.6	3762.3	3723.9
25°	3608.6	3175.8	2936.7	2844.2	2896.8	3110.3	3510.4	3850.6	3852.0	3820.7
27.5°	3513.2	3023.5	2792.9	2706.1	2757.3	2956.6	3386.5	3900.4	3950.2	3938.8
30°	3416.4	2932.4	2724.6	2663.4	2701.8	2878.3	3259.8	3951.6	4051.3	4071.2
32.5°	3372.3	2976.5	2885.4	2912.5	2862.7	2923.9	3214.3	4024.2	4173.7	4206.4
35°	3430.6	3368.0	3598.6	3705.4	3528.9	3296.8	3272.6	4133.8	4345.9	4394.3
37.5°	3713.9	4206.4	4550.9	4926.7	4620.7	4109.6	3561.6	4320.3	4592.2	4669.1
40°	4330.3	4938.1	5560.2	6045.6	5583.0	4895.4	4111.1	4597.9	4931.0	5000.8
42.5°	4911.1	5624.3	6481.2	7109.0	6508.2	5537.4	4703.2	5064.8	5378.0	5416.4
45°	5480.5	6297.6	7595.8	8468.4	7652.7	6148.1	5308.2	5853.4	6089.7	6091.2
47.5°	6148.1	7056.3	8993.7	10236.4	9171.6	6824.3	5876.2	7101.8	7430.7	7269.8
50°	6946.7	7810.7	10432.8	12293.4	11023.6	7655.6	6597.9	8623.6	9072.0	8889.8
52.5°	8015.7	8642.1	12018.6	14299.1	13042.1	8602.2	7644.2	10633.6	10781.6	10441.4
55°	9520.4	9842.1	14054.2	16776.0	15295.5	9768.1	9174.5	13156.0	12741.8	11766.7
57.5°	12946.7	11741.0	16667.8	19601.6	17845.0	11886.2	12528.2	15937.5	14464.2	12820.0
60°	15813.7	14047.1	19086.3	22405.9	20030.1	14220.8	15677.0	16421.5	14400.1	12703.3
62.5°	14847.1	14635.0	19958.9	22714.8	20776.0	15369.5	15092.0	15201.6	13460.6	11927.5
65°	13026.5	13500.5	19180.3	21250.0	19948.9	14340.3	13651.4	14074.2	12385.9	10841.4
67.5°	11951.7	12300.5	17795.2	18905.5	18445.7	13227.2	12531.1	12225.0	10717.5	9405.1
70°	10852.8	11141.7	15850.7	15963.1	16101.2	11376.6	10246.4	9335.3	7988.7	7070.5
72.5°	9378.0	9393.7	13392.3	12740.3	13002.3	8902.6	8247.8	6979.4	5815.0	4982.3
75°	7867.7	7437.8	10600.8	8905.4	9430.7	6925.3	6848.5	5259.8	4385.8	3702.5
77.5°	5998.6	5496.1	7743.8	5856.3	6623.6	4612.1	5148.8	3567.3	3086.2	2464.1
80°	4027.1	3713.9	4279.0	3305.4	4333.1	3178.7	3358.0	2021.4	1752.3	1359.4
82.5°	2123.9	1813.5	2644.9	1960.2	2613.5	1746.6	1259.8	624.9	532.4	429.9
85°	822.8	952.3	1296.8	697.5	1013.5	623.5	364.4	155.2	129.5	98.2
87.5°	159.4	246.3	135.2	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)