

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: P633917

Luminaire Tested: GWS-SA2F-760-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P633917  
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-SA2F-760-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (32) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

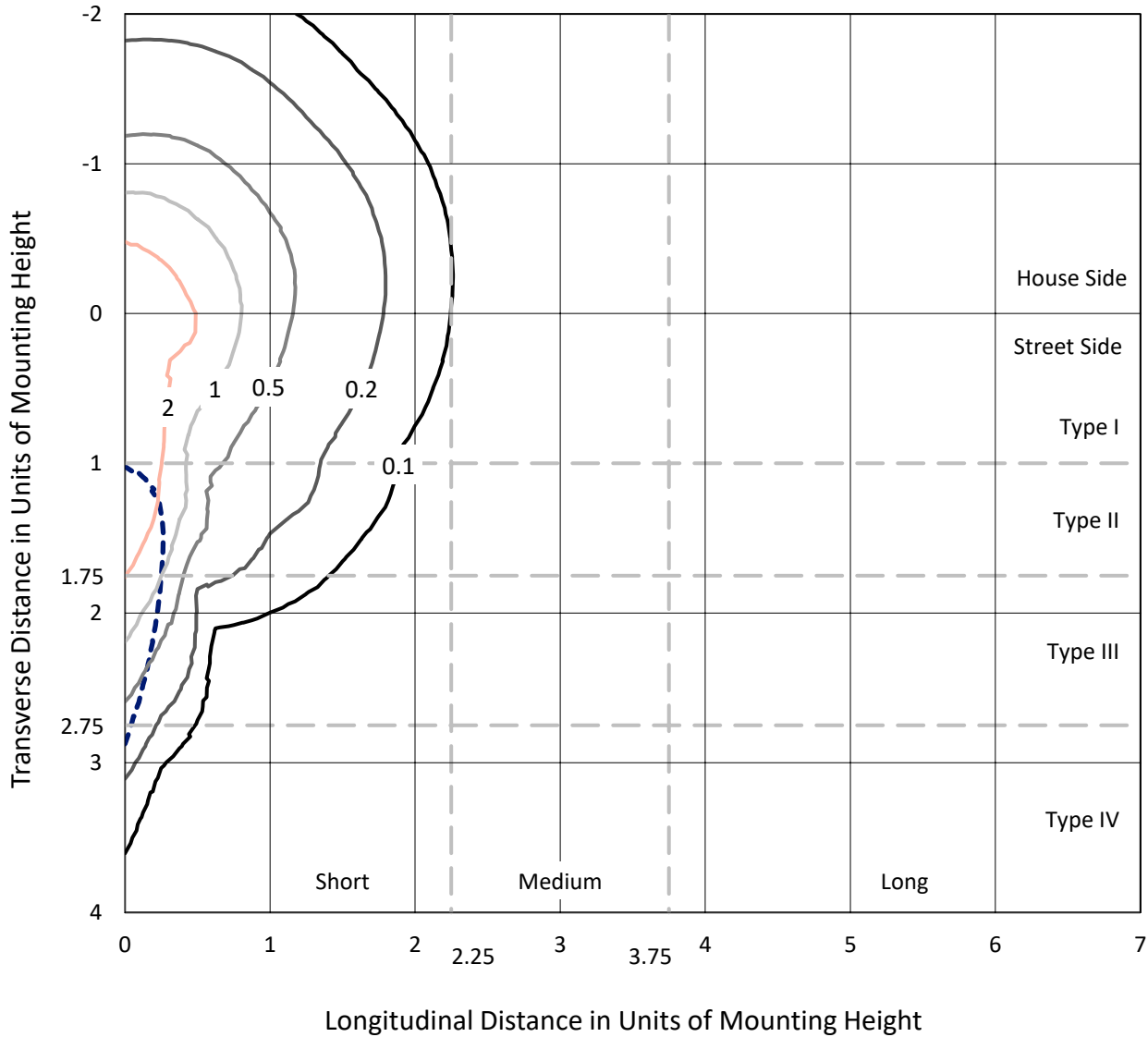
Lumens per Lamp: N/A  
Luminaire Lumens: 15339.7 lumens  
Efficiency: N/A  
Efficacy: 123.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 124.5  
Input Voltage (V): 120  
Input Current (Ain): 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

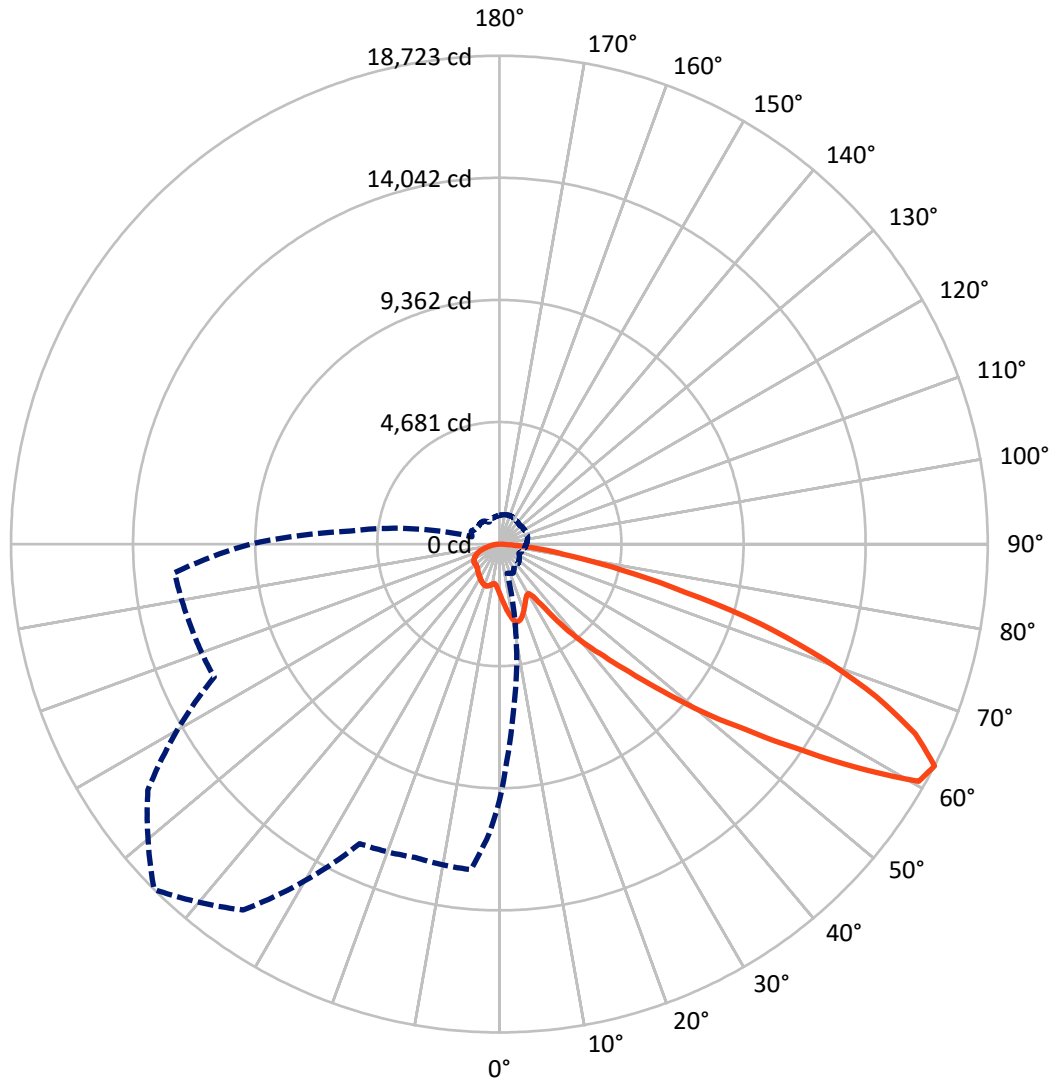
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 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	3667.7	0.0	3667.7
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	11672.0	0.0	11672.0
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	15339.7	0.0	15339.7
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	188.4	1.2
10°-20°	612.3	4.0
20°-30°	964.0	6.3
30°-40°	1321.3	8.6
40°-50°	2061.6	13.4
50°-60°	3554.7	23.2
60°-70°	4119.4	26.9
70°-80°	2174.4	14.2
80°-90°	343.5	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°	15339.7	100.0
0°-180°	15339.7	100.0

**Coefficient of Utilization**



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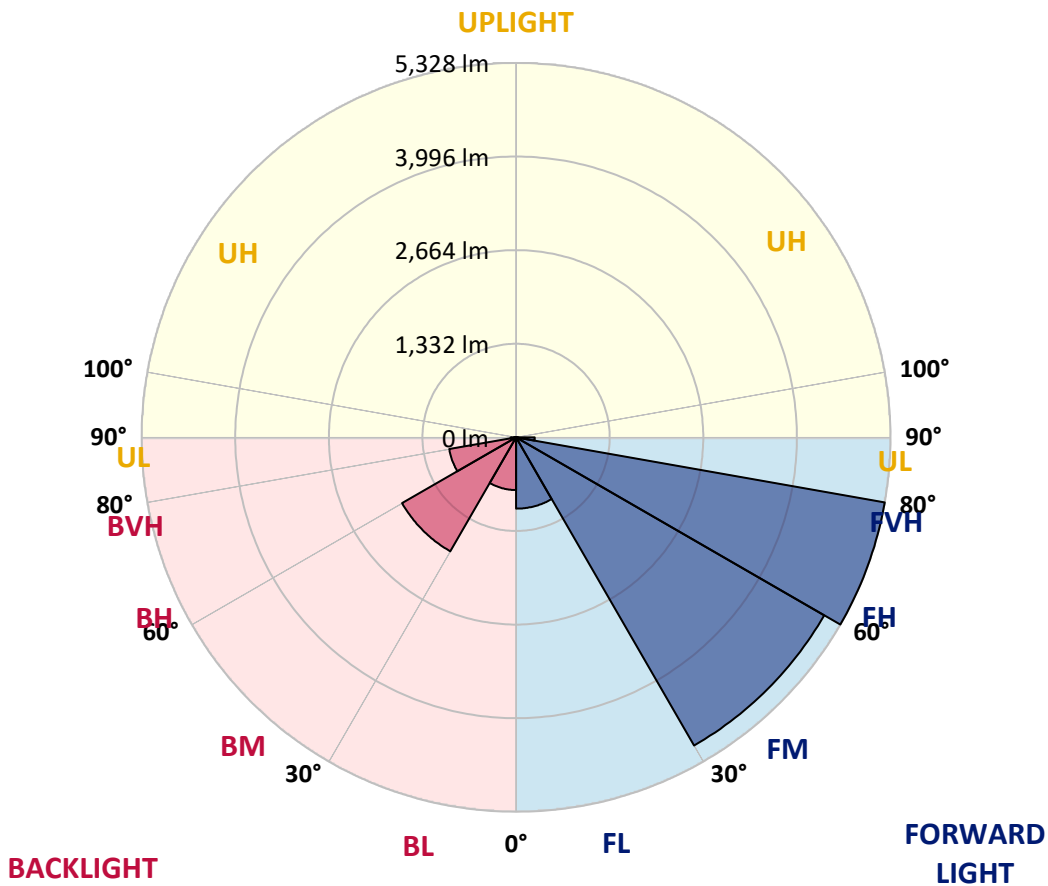
CATALOG NUMBER: GWS-SA2F-760-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1014.5	6.6			
FM (30°-60°)	5064.2	33.0			
FH (60°-80°)	5328.1	34.7			G3/7500
FVH (80°-90°)	265.1	1.7			G3/500
BL (0°-30°)	750.2	4.9	B2/1000		
BM (30°-60°)	1873.5	12.2	B2/2500		
BH (60°-80°)	965.7	6.3	B2/1000		G2/1000
BVH (80°-90°)	78.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5
2.5°	2078.0	2069.8	2058.0	2018.1	1993.5	1965.3	1936.0	1902.0	1863.3	1836.3	1809.3
5°	2254.0	2241.1	2212.9	2117.9	2052.2	1980.6	1920.8	1852.7	1785.8	1740.1	1694.3
7.5°	2422.9	2406.5	2363.1	2217.6	2110.8	2007.6	1917.2	1818.7	1718.9	1650.9	1596.9
10°	2591.9	2557.9	2502.7	2312.7	2171.9	2052.2	1948.9	1828.1	1695.5	1602.8	1545.3
12.5°	2721.0	2689.3	2629.5	2399.5	2232.9	2082.7	1966.5	1855.0	1742.4	1643.8	1585.2
15°	2841.8	2800.8	2732.7	2480.4	2283.3	2081.5	1931.3	1833.9	1817.5	1792.9	1716.6
17.5°	2928.7	2891.1	2820.7	2546.1	2311.5	2045.1	1833.9	1776.4	1850.4	1925.4	1852.7
20°	3004.9	2961.5	2889.9	2591.9	2317.3	1964.2	1715.4	1716.6	1832.8	1936.0	1918.4
22.5°	3069.5	3021.3	2958.0	2643.5	2315.0	1851.5	1612.2	1682.6	1798.7	1879.7	1882.0
25°	3149.2	3109.3	3056.5	2719.8	2315.0	1736.5	1537.1	1641.5	1741.2	1809.3	1806.9
27.5°	3246.6	3219.6	3176.2	2836.0	2336.1	1640.3	1494.8	1588.7	1667.3	1726.0	1724.8
30°	3355.8	3331.1	3298.3	2959.2	2372.5	1568.8	1471.4	1523.0	1580.5	1627.4	1627.4
32.5°	3467.2	3457.8	3422.6	3057.7	2344.3	1546.5	1451.4	1457.3	1487.8	1526.5	1523.0
35°	3622.1	3612.7	3568.1	3134.0	2222.3	1514.8	1419.7	1390.4	1393.9	1418.6	1426.8
37.5°	3848.6	3834.5	3768.8	3223.2	2038.1	1435.0	1368.1	1320.0	1309.4	1320.0	1335.3
40°	4121.9	4100.8	4011.6	3344.0	1825.7	1327.0	1287.2	1247.3	1229.7	1233.2	1250.8
42.5°	4464.6	4420.0	4292.1	3471.9	1615.7	1232.0	1196.8	1172.2	1152.2	1149.9	1183.9
45°	5020.7	4898.7	4695.7	3585.7	1438.5	1181.6	1115.8	1098.2	1081.8	1091.2	1131.1
47.5°	5992.2	5767.0	5371.5	3683.1	1330.6	1182.7	1051.3	1032.5	1031.4	1050.1	1094.7
50°	7327.5	7002.5	6392.4	3748.8	1274.2	1196.8	1012.6	982.1	1004.4	1023.2	1065.4
52.5°	8606.4	8110.1	7383.8	3747.6	1249.6	1199.2	1023.2	935.2	1004.4	1009.1	1049.0
55°	9698.8	8800.0	7651.3	3362.8	1214.4	1189.8	1064.2	898.8	991.5	1009.1	1040.8
57.5°	10567.1	9238.9	7631.4	2716.3	1321.2	1138.1	1088.9	890.6	953.9	1011.4	1047.8
60°	10470.9	9038.2	7139.8	1667.3	1310.6	1046.6	1085.3	905.8	890.6	979.7	1039.6
62.5°	9831.4	8319.0	6293.8	1156.9	1230.8	993.8	1027.8	932.8	831.9	934.0	999.7
65°	8936.2	7390.9	5244.8	887.0	1019.6	996.2	930.5	914.0	780.3	861.2	931.6
67.5°	7752.3	6239.8	4140.7	702.8	711.0	862.4	844.8	812.0	732.2	796.7	860.1
70°	5828.0	4553.7	2848.9	565.5	538.6	720.4	759.2	729.8	685.2	704.0	770.9
72.5°	4106.7	2973.2	1560.5	448.2	415.4	553.8	659.4	654.7	605.4	619.5	685.2
75°	3051.9	2103.8	975.0	354.3	337.9	396.6	552.6	566.7	525.7	542.1	592.5
77.5°	2031.1	1362.2	542.1	262.8	262.8	289.8	411.8	477.5	447.0	459.9	495.1
80°	1120.5	693.4	271.0	172.5	177.2	199.5	300.4	343.8	345.0	376.6	386.0
82.5°	354.3	220.6	120.9	100.9	95.0	113.8	193.6	246.4	230.0	293.3	269.9
85°	81.0	51.6	22.3	22.3	24.6	37.5	73.9	131.4	167.8	201.8	146.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	51.6	76.3	68.1
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°	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5
2.5°	1792.9	1769.4	1762.4	1742.4	1740.1	1721.3	1714.2	1714.2	1722.5	1722.5	1730.7
5°	1675.5	1646.2	1629.8	1606.3	1600.4	1586.4	1577.0	1578.1	1588.7	1595.7	1609.8
7.5°	1572.3	1552.3	1540.6	1530.0	1527.7	1525.3	1514.8	1513.6	1517.1	1527.7	1538.2
10°	1528.9	1514.8	1518.3	1526.5	1539.4	1546.5	1537.1	1532.4	1528.9	1535.9	1545.3
12.5°	1571.1	1557.0	1564.1	1578.1	1595.7	1602.8	1599.3	1598.1	1601.6	1628.6	1648.5
15°	1663.8	1636.8	1627.4	1633.3	1647.4	1654.4	1650.9	1655.6	1677.9	1748.3	1798.7
17.5°	1778.8	1713.1	1675.5	1665.0	1670.8	1676.7	1676.7	1688.4	1727.2	1830.4	1893.8
20°	1841.0	1755.3	1692.0	1666.1	1668.5	1674.4	1674.4	1690.8	1734.2	1844.5	1885.6
22.5°	1824.5	1745.9	1668.5	1640.3	1641.5	1646.2	1646.2	1660.3	1699.0	1796.4	1815.2
25°	1760.0	1690.8	1614.5	1589.9	1592.2	1600.4	1598.1	1606.3	1635.6	1715.4	1726.0
27.5°	1682.6	1621.6	1546.5	1527.7	1538.2	1554.7	1540.6	1541.8	1568.8	1635.6	1636.8
30°	1599.3	1548.8	1481.9	1467.8	1487.8	1496.0	1483.1	1483.1	1510.1	1555.8	1554.7
32.5°	1508.9	1477.2	1429.1	1413.9	1436.2	1449.1	1432.6	1435.0	1456.1	1486.6	1474.9
35°	1424.4	1408.0	1385.7	1375.2	1389.2	1401.0	1390.4	1395.1	1415.0	1423.3	1406.8
37.5°	1343.5	1341.1	1343.5	1343.5	1347.0	1350.5	1343.5	1355.2	1372.8	1362.2	1343.5
40°	1273.1	1282.5	1304.8	1298.9	1295.4	1298.9	1294.2	1314.1	1331.7	1313.0	1290.7
42.5°	1214.4	1232.0	1266.0	1266.0	1259.0	1261.3	1259.0	1283.6	1296.5	1270.7	1246.1
45°	1164.0	1189.8	1233.2	1239.0	1227.3	1227.3	1232.0	1262.5	1267.2	1232.0	1206.2
47.5°	1128.8	1160.4	1209.7	1220.3	1202.7	1201.5	1214.4	1247.3	1247.3	1206.2	1176.9
50°	1104.1	1139.3	1198.0	1212.1	1194.5	1189.8	1210.9	1242.6	1235.5	1186.2	1156.9
52.5°	1087.7	1124.1	1196.8	1216.8	1205.0	1200.3	1221.4	1243.7	1226.1	1173.3	1142.8
55°	1077.1	1117.0	1200.3	1216.8	1203.8	1195.6	1216.8	1236.7	1227.3	1166.3	1137.0
57.5°	1083.0	1122.9	1195.6	1203.8	1188.6	1174.5	1199.2	1227.3	1223.8	1168.6	1139.3
60°	1073.6	1110.0	1169.8	1172.2	1146.4	1124.1	1160.4	1202.7	1202.7	1160.4	1134.6
62.5°	1030.2	1066.6	1119.4	1121.7	1092.4	1067.7	1110.0	1160.4	1159.3	1125.2	1098.2
65°	958.6	992.6	1052.5	1058.4	1029.0	1003.2	1046.6	1093.6	1097.1	1066.6	1043.1
67.5°	880.0	910.5	955.1	978.6	953.9	926.9	966.8	1011.4	1010.2	973.9	949.2
70°	786.1	814.3	855.4	875.3	860.1	834.2	870.6	894.1	883.5	865.9	849.5
72.5°	693.4	720.4	759.2	759.2	742.7	718.1	728.6	770.9	783.8	770.9	760.3
75°	596.1	619.5	646.5	652.4	616.0	571.4	620.7	657.1	672.3	666.5	653.5
77.5°	496.3	513.9	553.8	543.3	475.2	451.7	491.6	545.6	556.2	552.6	535.0
80°	382.5	393.1	435.3	414.2	361.4	346.1	363.7	406.0	408.3	396.6	374.3
82.5°	257.0	271.0	299.2	258.1	257.0	242.9	228.8	233.5	254.6	252.3	237.0
85°	131.4	138.5	165.4	154.9	132.6	115.0	109.1	116.2	104.4	95.0	82.1
87.5°	55.1	59.8	82.1	45.8	14.1	0.0	0.0	7.0	10.6	15.3	16.4
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°	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5
2.5°	1749.4	1762.4	1794.0	1833.9	1872.6	1912.5	1956.0	1982.9	2015.8	2058.0	2059.2
5°	1627.4	1656.8	1702.5	1763.5	1826.9	1899.6	1984.1	2054.5	2139.0	2205.9	2232.9
7.5°	1552.3	1594.6	1652.1	1729.5	1812.8	1903.2	2013.5	2132.0	2270.4	2359.6	2412.4
10°	1559.4	1623.9	1681.4	1747.1	1822.2	1919.6	2061.6	2218.8	2388.9	2506.3	2572.0
12.5°	1684.9	1753.0	1742.4	1738.9	1789.3	1907.8	2100.3	2306.8	2514.5	2631.8	2710.4
15°	1843.3	1869.1	1769.4	1694.3	1724.8	1865.6	2121.4	2385.4	2618.9	2762.0	2839.5
17.5°	1924.3	1872.6	1751.8	1639.2	1630.9	1801.1	2132.0	2465.2	2736.2	2879.4	2961.5
20°	1886.7	1811.6	1709.6	1602.8	1544.1	1713.1	2126.1	2528.5	2843.0	3002.6	3069.5
22.5°	1805.8	1740.1	1660.3	1558.2	1473.7	1616.9	2110.8	2591.9	2938.0	3098.8	3157.5
25°	1717.8	1668.5	1602.8	1513.6	1433.8	1532.4	2100.3	2676.4	3047.2	3200.9	3238.4
27.5°	1629.8	1593.4	1539.4	1470.2	1424.4	1473.7	2103.8	2786.7	3188.0	3333.5	3318.2
30°	1542.9	1511.3	1473.7	1443.2	1423.3	1459.6	2094.4	2904.0	3342.8	3477.8	3387.4
32.5°	1460.8	1431.5	1408.0	1412.7	1424.4	1465.5	2046.3	3010.8	3484.8	3599.8	3462.5
35°	1390.4	1359.9	1359.9	1376.3	1419.7	1445.6	1921.9	3094.1	3642.0	3757.0	3569.3
37.5°	1324.7	1297.7	1315.3	1342.3	1383.4	1391.6	1762.4	3175.1	3870.8	3978.8	3734.7
40°	1267.2	1240.2	1271.9	1305.9	1327.0	1323.5	1600.4	3287.7	4140.7	4252.2	3954.2
42.5°	1221.4	1196.8	1225.0	1268.4	1271.9	1275.4	1481.9	3395.6	4454.0	4596.0	4332.0
45°	1183.9	1166.3	1180.4	1223.8	1223.8	1277.8	1408.0	3486.0	4925.7	5176.8	5025.4
47.5°	1154.6	1144.0	1151.0	1165.1	1188.6	1320.0	1361.1	3555.2	5784.6	6277.4	6124.8
50°	1138.1	1127.6	1137.0	1107.6	1178.0	1341.1	1345.8	3608.0	6916.8	7688.9	7500.0
52.5°	1124.1	1120.5	1126.4	1058.4	1201.5	1327.0	1334.1	3537.6	7676.0	9078.1	9264.7
55°	1119.4	1121.7	1093.6	1022.0	1229.7	1280.1	1298.9	3034.3	7882.5	10276.1	11434.2
57.5°	1121.7	1114.7	1043.1	1025.5	1230.8	1186.2	1349.3	2164.8	7582.1	10797.1	13556.8
60°	1113.5	1078.3	982.1	1057.2	1176.9	1076.0	1313.0	1411.5	6790.1	10397.0	13680.0
62.5°	1077.1	1025.5	929.3	1074.8	1080.6	1010.2	1192.1	1087.7	5734.1	9540.4	12492.5
65°	1024.3	955.1	884.7	1038.4	983.3	979.7	896.4	871.8	4611.2	8520.8	11366.1
67.5°	937.5	868.3	851.8	955.1	884.7	868.3	720.4	722.8	3679.6	7434.3	10233.9
70°	838.9	769.7	782.6	863.6	787.3	721.6	583.1	601.9	2791.4	6194.1	8707.4
72.5°	774.4	681.7	682.9	760.3	692.3	584.3	479.9	496.3	1771.7	4668.7	6922.7
75°	653.5	600.7	574.9	616.0	587.8	455.3	403.6	400.1	1050.1	3346.4	5183.8
77.5°	545.6	504.5	491.6	508.1	438.8	336.7	325.0	319.1	594.9	2143.7	3396.8
80°	395.4	384.9	383.7	391.9	337.9	247.6	247.6	248.7	320.3	1164.0	1914.9
82.5°	251.1	274.6	242.9	269.9	230.0	176.0	164.3	186.6	184.2	496.3	807.3
85°	104.4	143.1	133.8	142.0	109.1	96.2	103.3	111.5	106.8	191.3	314.5
87.5°	19.9	23.5	25.8	24.6	24.6	30.5	34.0	41.1	41.1	55.1	95.0
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: P633917  
 CATALOG NUMBER: GWS-SA2F-760-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5	1912.5
2.5°	2103.8	2137.8	2130.8	2146.0	2126.1	2133.1	2093.2	2082.7	2075.6	2078.0
5°	2319.7	2388.9	2401.8	2427.6	2410.0	2410.0	2339.6	2286.8	2268.1	2254.0
7.5°	2539.1	2638.8	2704.5	2711.6	2702.2	2683.4	2581.3	2486.3	2452.3	2422.9
10°	2733.9	2853.6	2927.5	2962.7	2945.1	2915.7	2789.0	2658.8	2617.7	2591.9
12.5°	2882.9	2988.5	3037.8	3061.2	3058.9	3048.3	2945.1	2804.3	2760.9	2721.0
15°	2979.1	3031.9	3013.1	3012.0	3028.4	3070.6	3038.9	2928.7	2878.2	2841.8
17.5°	3041.3	2990.8	2907.5	2868.8	2904.0	3003.7	3076.5	3014.3	2968.5	2928.7
20°	3063.6	2884.1	2763.2	2691.6	2732.7	2877.0	3056.5	3076.5	3037.8	3004.9
22.5°	3037.8	2753.8	2589.6	2505.1	2545.0	2717.5	2997.9	3126.9	3101.1	3069.5
25°	2974.4	2617.7	2420.6	2344.3	2387.7	2563.7	2893.5	3173.9	3175.1	3149.2
27.5°	2895.8	2492.2	2302.1	2230.5	2272.8	2437.0	2791.4	3214.9	3256.0	3246.6
30°	2816.0	2417.1	2245.8	2195.3	2227.0	2372.5	2686.9	3257.2	3339.3	3355.8
32.5°	2779.6	2453.5	2378.4	2400.7	2359.6	2410.0	2649.4	3317.0	3440.2	3467.2
35°	2827.7	2776.1	2966.2	3054.2	2908.7	2717.5	2697.5	3407.4	3582.2	3622.1
37.5°	3061.2	3467.2	3751.2	4060.9	3808.7	3387.4	2935.7	3561.1	3785.2	3848.6
40°	3569.3	4070.3	4583.1	4983.2	4601.8	4035.1	3388.6	3789.9	4064.4	4121.9
42.5°	4048.0	4635.9	5342.2	5859.7	5364.5	4564.3	3876.7	4174.7	4432.9	4464.6
45°	4517.4	5190.9	6260.9	6980.2	6307.9	5067.7	4375.4	4824.8	5019.5	5020.7
47.5°	5067.7	5816.2	7413.2	8437.5	7559.8	5625.0	4843.5	5853.8	6124.8	5992.2
50°	5725.9	6438.1	8599.4	10133.0	9086.3	6310.2	5438.4	7108.1	7477.7	7327.5
52.5°	6607.1	7123.3	9906.5	11786.2	10750.1	7090.5	6300.8	8764.8	8886.9	8606.4
55°	7847.3	8112.5	11584.4	13827.8	12607.5	8051.5	7562.2	10844.0	10502.6	9698.8
57.5°	10671.5	9677.7	13738.6	16156.9	14709.0	9797.4	10326.6	13136.7	11922.3	10567.1
60°	13034.6	11578.5	15732.1	18468.4	16510.1	11721.7	12922.0	13535.6	11869.5	10470.9
62.5°	12237.9	12063.1	16451.4	18723.0	17124.9	12668.5	12439.7	12530.1	11095.1	9831.4
65°	10737.2	11127.9	15809.6	17515.6	16443.2	11820.2	11252.3	11600.8	10209.2	8936.2
67.5°	9851.4	10138.8	14667.9	15583.1	15204.1	10902.7	10328.9	10076.6	8834.1	7752.3
70°	8945.5	9183.7	13065.1	13157.8	13271.6	9377.3	8445.7	7694.8	6584.8	5828.0
72.5°	7730.0	7742.9	11038.8	10501.4	10717.3	7338.1	6798.3	5752.9	4793.1	4106.7
75°	6485.0	6130.7	8737.9	7340.4	7773.4	5708.3	5644.9	4335.5	3615.1	3051.9
77.5°	4944.5	4530.3	6383.0	4827.1	5459.5	3801.6	4244.0	2940.4	2543.8	2031.1
80°	3319.4	3061.2	3527.1	2724.5	3571.6	2620.1	2767.9	1666.1	1444.4	1120.5
82.5°	1750.6	1494.8	2180.1	1615.7	2154.3	1439.7	1038.4	515.1	438.8	354.3
85°	678.2	785.0	1068.9	574.9	835.4	513.9	300.4	127.9	106.8	81.0
87.5°	131.4	203.0	111.5	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)