

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: P636722

Luminaire Tested: GWS-SA4B-735-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P636722
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-SA4B-735-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13379.9 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

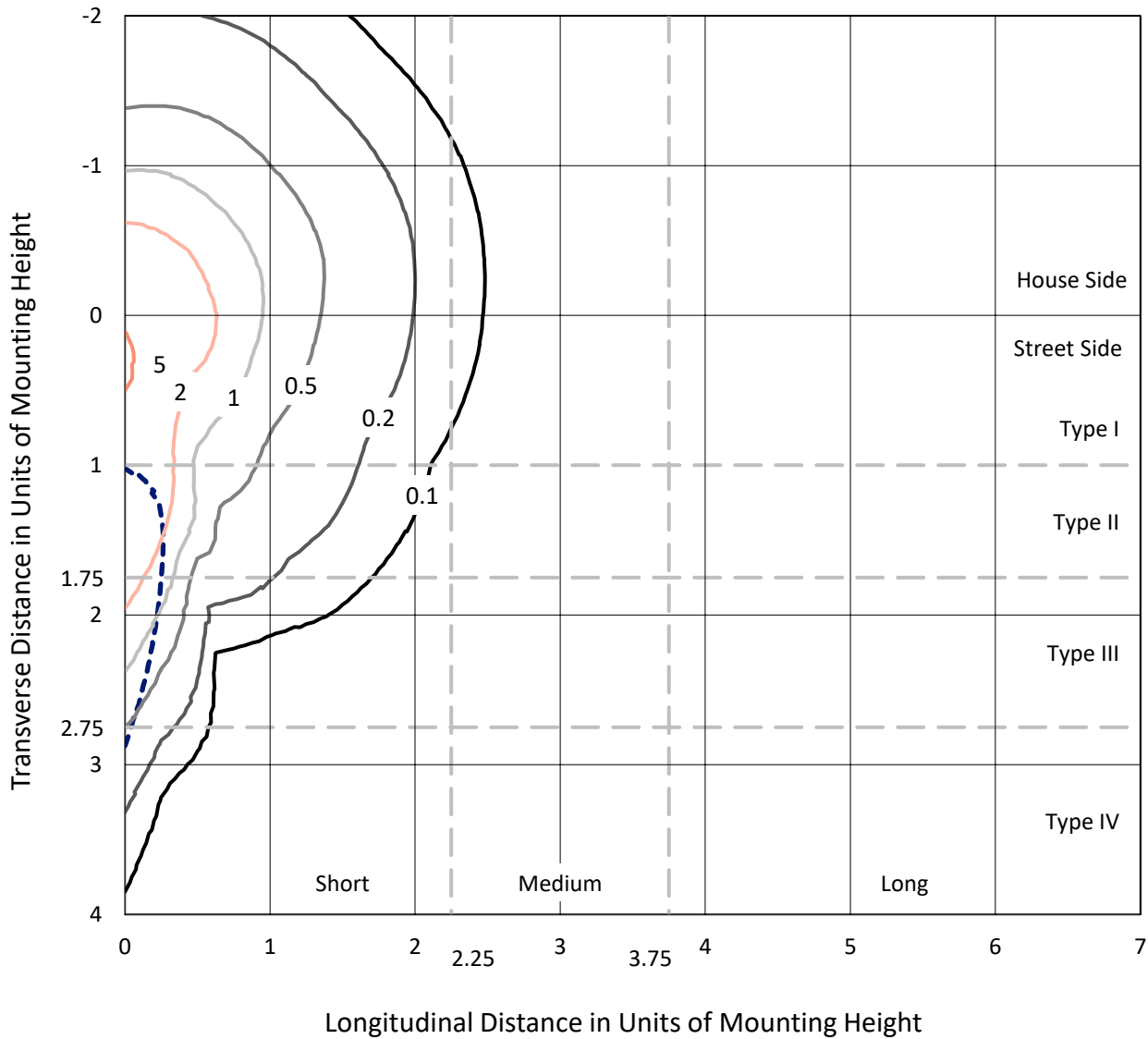
Input Watts (W): 94.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P636722
 CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

Iso-Footcandle Lines of Horizontal Illumination

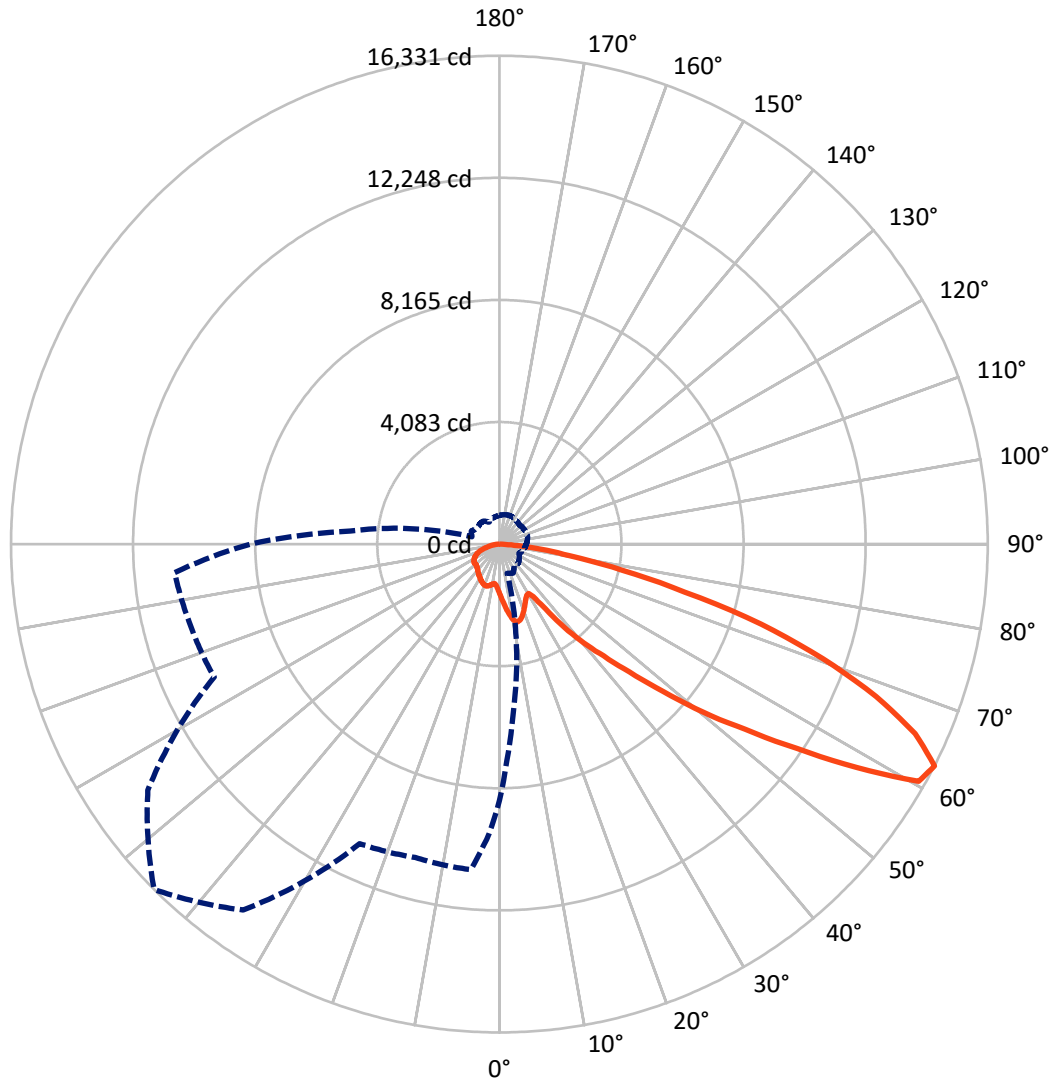
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.6 fc
 Type III - Short - N/A

REPORT NUMBER: P636722
CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P636722

CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3199.1	0.0	3199.1
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	10180.8	0.0	10180.8
	% Fixture	76.1	0.0	76.1
Total	Lumens	13379.9	0.0	13379.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.3	1.2
10°-20°	534.1	4.0
20°-30°	840.8	6.3
30°-40°	1152.5	8.6
40°-50°	1798.3	13.4
50°-60°	3100.5	23.2
60°-70°	3593.1	26.9
70°-80°	1896.6	14.2
80°-90°	299.6	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°	13379.9	100.0
0°-180°	13379.9	100.0

Coefficient of Utilization



REPORT NUMBER: P636722

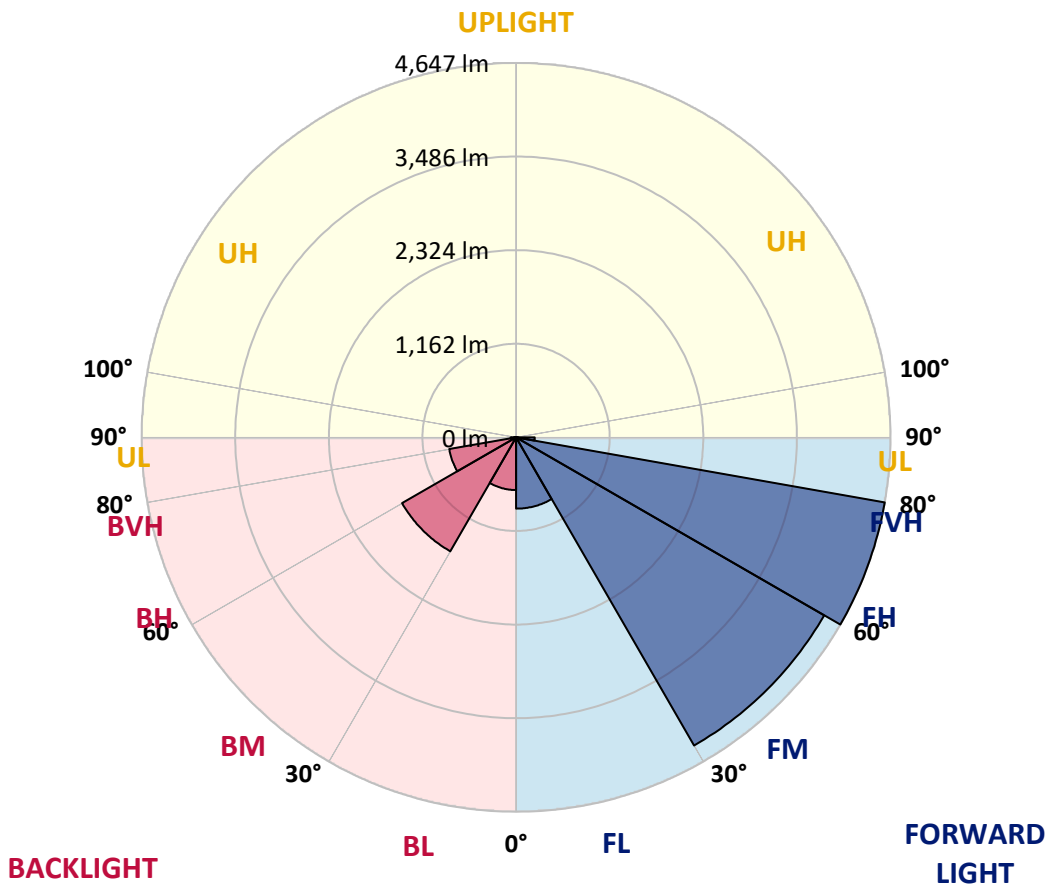
CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	884.9	6.6			
FM (30°-60°)	4417.2	33.0			
FH (60°-80°)	4647.4	34.7			G2/5000
FVH (80°-90°)	231.3	1.7			G3/500
BL (0°-30°)	654.3	4.9	B2/1000		
BM (30°-60°)	1634.1	12.2	B2/2500		
BH (60°-80°)	842.3	6.3	B2/1000		G2/1000
BVH (80°-90°)	68.4	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





REPORT NUMBER: P636722
 CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2
2.5°	1812.5	1805.3	1795.1	1760.3	1738.8	1714.3	1688.7	1659.0	1625.2	1601.7	1578.1
5°	1966.0	1954.8	1930.2	1847.3	1790.0	1727.6	1675.4	1616.0	1557.7	1517.8	1477.8
7.5°	2113.4	2099.1	2061.2	1934.3	1841.2	1751.1	1672.3	1586.3	1499.3	1440.0	1392.9
10°	2260.8	2231.1	2183.0	2017.2	1894.4	1790.0	1699.9	1594.5	1478.9	1398.0	1347.9
12.5°	2373.3	2345.7	2293.5	2092.9	1947.6	1816.6	1715.3	1618.0	1519.8	1433.8	1382.7
15°	2478.8	2442.9	2383.6	2163.5	1991.6	1815.6	1684.6	1599.6	1585.3	1563.8	1497.3
17.5°	2554.5	2521.7	2460.3	2220.9	2016.2	1783.8	1599.6	1549.5	1614.0	1679.5	1616.0
20°	2621.0	2583.1	2520.7	2260.8	2021.3	1713.2	1496.3	1497.3	1598.6	1688.7	1673.3
22.5°	2677.3	2635.3	2580.1	2305.8	2019.2	1615.0	1406.2	1467.6	1568.9	1639.5	1641.6
25°	2746.9	2712.1	2666.0	2372.3	2019.2	1514.7	1340.7	1431.8	1518.8	1578.1	1576.1
27.5°	2831.8	2808.3	2770.4	2473.6	2037.7	1430.8	1303.9	1385.7	1454.3	1505.5	1504.4
30°	2927.0	2905.5	2876.9	2581.1	2069.4	1368.3	1283.4	1328.4	1378.6	1419.5	1419.5
32.5°	3024.2	3016.1	2985.4	2667.1	2044.8	1348.9	1266.0	1271.1	1297.7	1331.5	1328.4
35°	3159.3	3151.2	3112.3	2733.6	1938.4	1321.3	1238.4	1212.8	1215.8	1237.3	1244.5
37.5°	3356.9	3344.6	3287.3	2811.4	1777.7	1251.7	1193.3	1151.4	1142.2	1151.4	1164.7
40°	3595.3	3576.9	3499.1	2916.8	1592.5	1157.5	1122.7	1087.9	1072.6	1075.6	1091.0
42.5°	3894.2	3855.3	3743.7	3028.3	1409.3	1074.6	1043.9	1022.4	1005.0	1003.0	1032.6
45°	4379.3	4272.8	4095.8	3127.6	1254.7	1030.6	973.3	957.9	943.6	951.8	986.6
47.5°	5226.7	5030.2	4685.3	3212.6	1160.6	1031.6	917.0	900.6	899.6	916.0	954.9
50°	6391.3	6107.9	5575.7	3269.9	1111.4	1043.9	883.2	856.6	876.1	892.4	929.3
52.5°	7506.9	7074.0	6440.5	3268.8	1090.0	1045.9	892.4	815.7	876.1	880.2	914.9
55°	8459.7	7675.8	6673.8	2933.2	1059.3	1037.8	928.3	784.0	864.8	880.2	907.8
57.5°	9217.0	8058.5	6656.4	2369.2	1152.4	992.7	949.7	776.8	832.1	882.2	913.9
60°	9133.1	7883.5	6227.6	1454.3	1143.2	912.9	946.7	790.1	776.8	854.6	906.8
62.5°	8575.3	7256.1	5489.7	1009.1	1073.6	866.8	896.5	813.6	725.6	814.7	872.0
65°	7794.5	6446.6	4574.7	773.7	889.4	868.9	811.6	797.3	680.6	751.2	812.6
67.5°	6761.8	5442.6	3611.7	613.0	620.2	752.2	736.9	708.2	638.6	694.9	750.2
70°	5083.4	3971.9	2484.9	493.3	469.8	628.4	662.2	636.6	597.7	614.1	672.4
72.5°	3582.0	2593.4	1361.2	391.0	362.3	483.1	575.2	571.1	528.1	540.4	597.7
75°	2662.0	1835.0	850.5	309.1	294.7	345.9	482.0	494.3	458.5	472.8	516.8
77.5°	1771.6	1188.2	472.8	229.2	229.2	252.8	359.2	416.5	389.9	401.2	431.9
80°	977.4	604.8	236.4	150.4	154.5	174.0	262.0	299.9	300.9	328.5	336.7
82.5°	309.1	192.4	105.4	88.0	82.9	99.3	168.9	214.9	200.6	255.9	235.4
85°	70.6	45.0	19.4	19.4	21.5	32.7	64.5	114.6	146.4	176.0	127.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	45.0	66.5	59.4
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: P636722
 CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2
2.5°	1563.8	1543.3	1537.2	1519.8	1517.8	1501.4	1495.2	1495.2	1502.4	1502.4	1509.6
5°	1461.5	1435.9	1421.5	1401.1	1396.0	1383.7	1375.5	1376.5	1385.7	1391.9	1404.2
7.5°	1371.4	1354.0	1343.8	1334.6	1332.5	1330.5	1321.3	1320.2	1323.3	1332.5	1341.7
10°	1333.5	1321.3	1324.3	1331.5	1342.7	1348.9	1340.7	1336.6	1333.5	1339.7	1347.9
12.5°	1370.4	1358.1	1364.2	1376.5	1391.9	1398.0	1394.9	1393.9	1397.0	1420.5	1437.9
15°	1451.2	1427.7	1419.5	1424.6	1436.9	1443.0	1440.0	1444.1	1463.5	1524.9	1568.9
17.5°	1551.5	1494.2	1461.5	1452.3	1457.4	1462.5	1462.5	1472.7	1506.5	1596.6	1651.8
20°	1605.8	1531.1	1475.8	1453.3	1455.3	1460.4	1460.4	1474.8	1512.6	1608.8	1644.7
22.5°	1591.4	1522.9	1455.3	1430.8	1431.8	1435.9	1435.9	1448.2	1481.9	1566.9	1583.3
25°	1535.2	1474.8	1408.2	1386.8	1388.8	1396.0	1393.9	1401.1	1426.7	1496.3	1505.5
27.5°	1467.6	1414.4	1348.9	1332.5	1341.7	1356.0	1343.8	1344.8	1368.3	1426.7	1427.7
30°	1394.9	1350.9	1292.6	1280.3	1297.7	1304.9	1293.6	1293.6	1317.2	1357.1	1356.0
32.5°	1316.1	1288.5	1246.5	1233.2	1252.7	1263.9	1249.6	1251.7	1270.1	1296.7	1286.5
35°	1242.4	1228.1	1208.7	1199.5	1211.7	1222.0	1212.8	1216.9	1234.3	1241.4	1227.1
37.5°	1171.8	1169.8	1171.8	1171.8	1174.9	1178.0	1171.8	1182.1	1197.4	1188.2	1171.8
40°	1110.4	1118.6	1138.1	1132.9	1129.9	1132.9	1128.8	1146.2	1161.6	1145.2	1125.8
42.5°	1059.3	1074.6	1104.3	1104.3	1098.1	1100.2	1098.1	1119.6	1130.9	1108.4	1086.9
45°	1015.2	1037.8	1075.6	1080.7	1070.5	1070.5	1074.6	1101.2	1105.3	1074.6	1052.1
47.5°	984.5	1012.2	1055.2	1064.4	1049.0	1048.0	1059.3	1087.9	1087.9	1052.1	1026.5
50°	963.1	993.8	1044.9	1057.2	1041.9	1037.8	1056.2	1083.8	1077.7	1034.7	1009.1
52.5°	948.7	980.4	1043.9	1061.3	1051.1	1047.0	1065.4	1084.8	1069.5	1023.4	996.8
55°	939.5	974.3	1047.0	1061.3	1050.0	1042.9	1061.3	1078.7	1070.5	1017.3	991.7
57.5°	944.6	979.4	1042.9	1050.0	1036.7	1024.5	1045.9	1070.5	1067.4	1019.3	993.8
60°	936.4	968.2	1020.4	1022.4	999.9	980.4	1012.2	1049.0	1049.0	1012.2	989.7
62.5°	898.6	930.3	976.4	978.4	952.8	931.3	968.2	1012.2	1011.2	981.5	957.9
65°	836.1	865.8	918.0	923.1	897.6	875.0	912.9	953.8	956.9	930.3	909.8
67.5°	767.6	794.2	833.1	853.5	832.1	808.5	843.3	882.2	881.2	849.4	828.0
70°	685.7	710.3	746.1	763.5	750.2	727.7	759.4	779.9	770.6	755.3	741.0
72.5°	604.8	628.4	662.2	662.2	647.8	626.3	635.6	672.4	683.7	672.4	663.2
75°	519.9	540.4	563.9	569.0	537.3	498.4	541.4	573.1	586.4	581.3	570.1
77.5°	432.9	448.3	483.1	473.8	414.5	394.0	428.8	475.9	485.1	482.0	466.7
80°	333.6	342.9	379.7	361.3	315.2	301.9	317.3	354.1	356.2	345.9	326.5
82.5°	224.1	236.4	261.0	225.2	224.1	211.9	199.6	203.7	222.1	220.0	206.7
85°	114.6	120.8	144.3	135.1	115.6	100.3	95.2	101.3	91.1	82.9	71.6
87.5°	48.1	52.2	71.6	39.9	12.3	0.0	0.0	6.1	9.2	13.3	14.3
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: P636722
 CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2
2.5°	1525.9	1537.2	1564.8	1599.6	1633.4	1668.2	1706.1	1729.6	1758.3	1795.1	1796.1
5°	1419.5	1445.1	1485.0	1538.2	1593.5	1656.9	1730.6	1792.0	1865.7	1924.1	1947.6
7.5°	1354.0	1390.8	1441.0	1508.5	1581.2	1660.0	1756.2	1859.6	1980.3	2058.1	2104.2
10°	1360.1	1416.4	1466.6	1523.9	1589.4	1674.3	1798.2	1935.3	2083.7	2186.1	2243.4
12.5°	1469.7	1529.0	1519.8	1516.7	1560.7	1664.1	1831.9	2012.1	2193.2	2295.6	2364.1
15°	1607.8	1630.3	1543.3	1477.8	1504.4	1627.3	1850.4	2080.6	2284.3	2409.2	2476.7
17.5°	1678.4	1633.4	1528.0	1429.7	1422.6	1571.0	1859.6	2150.2	2386.6	2511.5	2583.1
20°	1645.7	1580.2	1491.1	1398.0	1346.8	1494.2	1854.5	2205.5	2479.8	2619.0	2677.3
22.5°	1575.1	1517.8	1448.2	1359.1	1285.4	1410.3	1841.2	2260.8	2562.7	2702.9	2754.1
25°	1498.3	1455.3	1398.0	1320.2	1250.6	1336.6	1831.9	2334.5	2657.9	2791.9	2824.7
27.5°	1421.5	1389.8	1342.7	1282.4	1242.4	1285.4	1835.0	2430.7	2780.7	2907.6	2894.3
30°	1345.8	1318.2	1285.4	1258.8	1241.4	1273.2	1826.8	2533.0	2915.8	3033.5	2954.7
32.5°	1274.2	1248.6	1228.1	1232.2	1242.4	1278.3	1784.9	2626.1	3039.6	3139.9	3020.2
35°	1212.8	1186.2	1186.2	1200.5	1238.4	1260.9	1676.4	2698.8	3176.7	3277.0	3113.3
37.5°	1155.5	1131.9	1147.3	1170.8	1206.6	1213.8	1537.2	2769.4	3376.3	3470.5	3257.6
40°	1105.3	1081.8	1109.4	1139.1	1157.5	1154.4	1396.0	2867.7	3611.7	3708.9	3449.0
42.5°	1065.4	1043.9	1068.5	1106.3	1109.4	1112.5	1292.6	2961.8	3885.0	4008.8	3778.5
45°	1032.6	1017.3	1029.6	1067.4	1067.4	1114.5	1228.1	3040.6	4296.4	4515.4	4383.4
47.5°	1007.1	997.8	1004.0	1016.3	1036.7	1151.4	1187.2	3101.0	5045.5	5475.4	5342.3
50°	992.7	983.5	991.7	966.1	1027.5	1169.8	1173.9	3147.1	6033.1	6706.6	6541.8
52.5°	980.4	977.4	982.5	923.1	1048.0	1157.5	1163.6	3085.7	6695.3	7918.3	8081.0
55°	976.4	978.4	953.8	891.4	1072.6	1116.6	1132.9	2646.6	6875.4	8963.2	9973.4
57.5°	978.4	972.3	909.8	894.5	1073.6	1034.7	1176.9	1888.2	6613.4	9417.6	11824.7
60°	971.2	940.5	856.6	922.1	1026.5	938.5	1145.2	1231.2	5922.6	9068.6	11932.2
62.5°	939.5	894.5	810.6	937.5	942.6	881.2	1039.8	948.7	5001.5	8321.5	10896.5
65°	893.5	833.1	771.7	905.7	857.6	854.6	781.9	760.4	4022.1	7432.2	9914.0
67.5°	817.7	757.3	743.0	833.1	771.7	757.3	628.4	630.4	3209.5	6484.5	8926.4
70°	731.8	671.4	682.6	753.2	686.7	629.4	508.6	525.0	2434.7	5402.7	7594.9
72.5°	675.5	594.6	595.6	663.2	603.8	509.7	418.6	432.9	1545.4	4072.2	6038.3
75°	570.1	524.0	501.5	537.3	512.7	397.1	352.1	349.0	916.0	2918.8	4521.5
77.5°	475.9	440.1	428.8	443.1	382.8	293.7	283.5	278.4	518.9	1869.8	2962.8
80°	344.9	335.7	334.7	341.8	294.7	215.9	215.9	217.0	279.4	1015.2	1670.2
82.5°	219.0	239.5	211.9	235.4	200.6	153.5	143.3	162.7	160.7	432.9	704.1
85°	91.1	124.9	116.7	123.8	95.2	83.9	90.1	97.2	93.1	166.8	274.3
87.5°	17.4	20.5	22.5	21.5	21.5	26.6	29.7	35.8	35.8	48.1	82.9
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: P636722
 CATALOG NUMBER: GWS-SA4B-735-U-SLL-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2	1668.2
2.5°	1835.0	1864.7	1858.6	1871.9	1854.5	1860.6	1825.8	1816.6	1810.5	1812.5
5°	2023.3	2083.7	2095.0	2117.5	2102.1	2102.1	2040.7	1994.7	1978.3	1966.0
7.5°	2214.7	2301.7	2359.0	2365.2	2357.0	2340.6	2251.6	2168.7	2139.0	2113.4
10°	2384.6	2489.0	2553.5	2584.2	2568.8	2543.2	2432.7	2319.1	2283.3	2260.8
12.5°	2514.6	2606.7	2649.7	2670.1	2668.1	2658.9	2568.8	2446.0	2408.1	2373.3
15°	2598.5	2644.6	2628.2	2627.2	2641.5	2678.3	2650.7	2554.5	2510.5	2478.8
17.5°	2652.7	2608.7	2536.1	2502.3	2533.0	2620.0	2683.4	2629.2	2589.3	2554.5
20°	2672.2	2515.6	2410.2	2347.8	2383.6	2509.5	2666.0	2683.4	2649.7	2621.0
22.5°	2649.7	2402.0	2258.7	2185.0	2219.8	2370.3	2614.9	2727.5	2704.9	2677.3
25°	2594.4	2283.3	2111.3	2044.8	2082.7	2236.2	2523.8	2768.4	2769.4	2746.9
27.5°	2525.8	2173.8	2008.0	1945.5	1982.4	2125.7	2434.7	2804.2	2840.0	2831.8
30°	2456.2	2108.3	1958.9	1914.8	1942.5	2069.4	2343.7	2841.1	2912.7	2927.0
32.5°	2424.5	2140.0	2074.5	2093.9	2058.1	2102.1	2310.9	2893.2	3000.7	3024.2
35°	2466.5	2421.4	2587.2	2664.0	2537.1	2370.3	2352.9	2972.1	3124.5	3159.3
37.5°	2670.1	3024.2	3271.9	3542.1	3322.1	2954.7	2560.6	3106.1	3301.6	3356.9
40°	3113.3	3550.3	3997.5	4346.5	4013.9	3519.6	2955.7	3305.7	3545.2	3595.3
42.5°	3530.8	4043.6	4659.7	5111.0	4679.1	3981.2	3381.4	3641.4	3866.5	3894.2
45°	3940.2	4527.7	5461.0	6088.4	5502.0	4420.2	3816.4	4208.4	4378.2	4379.3
47.5°	4420.2	5073.2	6466.1	7359.5	6594.0	4906.3	4224.7	5105.9	5342.3	5226.7
50°	4994.4	5615.6	7500.7	8838.4	7925.5	5504.0	4743.6	6200.0	6522.3	6391.3
52.5°	5763.0	6213.3	8640.8	10280.4	9376.7	6184.6	5495.8	7645.0	7751.5	7506.9
55°	6844.7	7076.0	10104.4	12061.2	10996.8	7022.8	6596.0	9458.6	9160.8	8459.7
57.5°	9308.1	8441.3	11983.4	14092.7	12829.8	8545.7	9007.2	11458.4	10399.1	9217.0
60°	11369.3	10099.2	13722.2	16108.8	14400.7	10224.1	11271.1	11806.3	10353.1	9133.1
62.5°	10674.4	10521.9	14349.6	16330.9	14937.0	11050.0	10850.4	10929.2	9677.6	8575.3
65°	9365.4	9706.2	13789.7	15277.8	14342.4	10310.1	9814.7	10118.7	8904.9	7794.5
67.5°	8592.7	8843.5	12793.9	13592.2	13261.7	9509.7	9009.3	8789.2	7705.4	6761.8
70°	7802.7	8010.4	11395.9	11476.8	11576.1	8179.3	7366.7	6711.7	5743.5	5083.4
72.5°	6742.4	6753.6	9628.5	9159.7	9348.0	6400.6	5929.8	5017.9	4180.7	3582.0
75°	5656.5	5347.4	7621.5	6402.6	6780.2	4979.0	4923.7	3781.6	3153.2	2662.0
77.5°	4312.7	3951.5	5567.5	4210.4	4762.0	3315.9	3701.8	2564.7	2218.8	1771.6
80°	2895.3	2670.1	3076.4	2376.4	3115.3	2285.3	2414.3	1453.3	1259.8	977.4
82.5°	1527.0	1303.9	1901.5	1409.3	1879.0	1255.8	905.7	449.3	382.8	309.1
85°	591.5	684.7	932.3	501.5	728.7	448.3	262.0	111.6	93.1	70.6
87.5°	114.6	177.1	97.2	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)