

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: P632595

Luminaire Tested: GWS-SA2D-722-U-SLL-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P632595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-39)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA2D-722-U-SLL-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6694.5 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G1

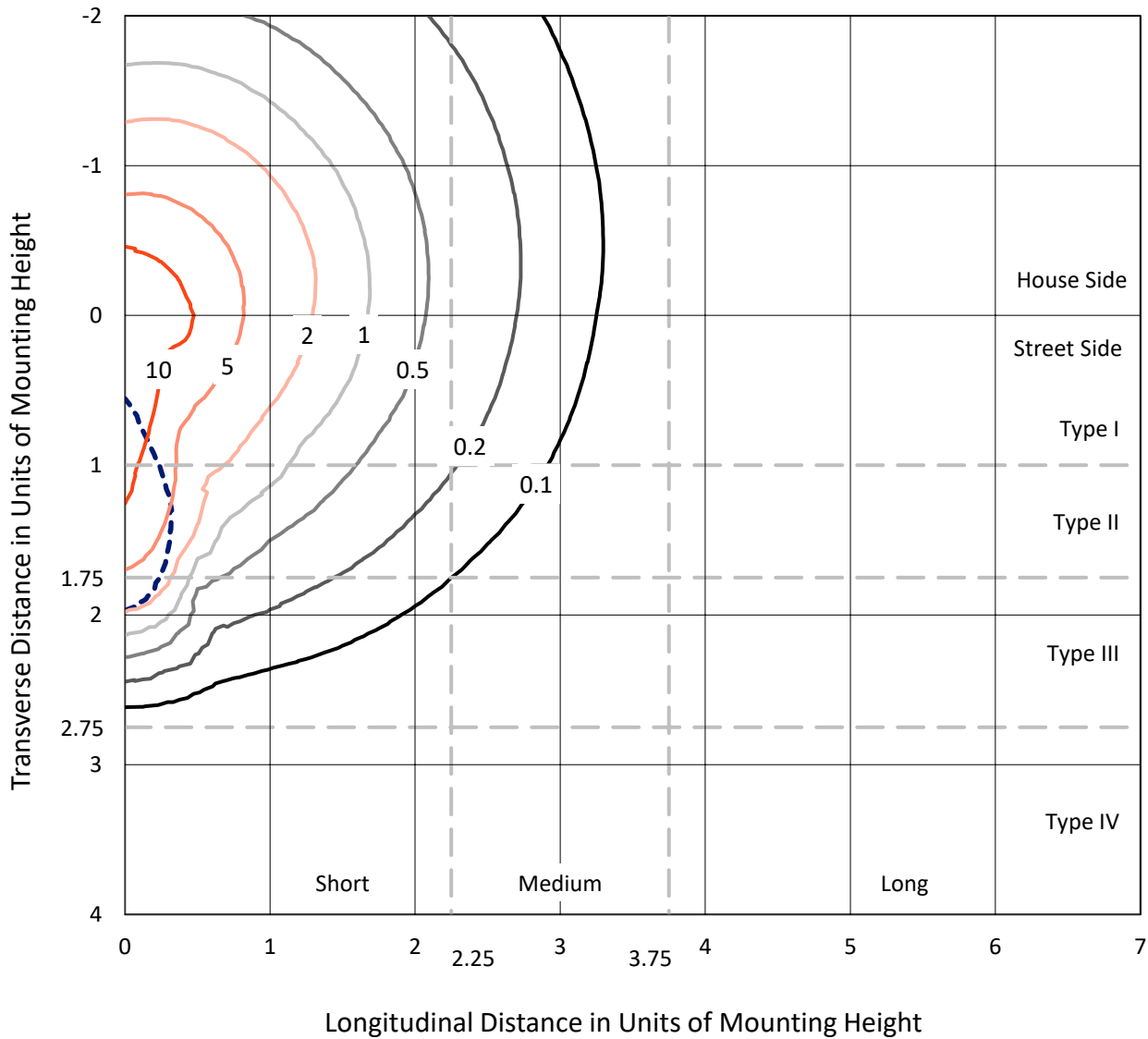
Input Watts (W): 82.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P632595
 CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

Iso-Footcandle Lines of Horizontal Illumination

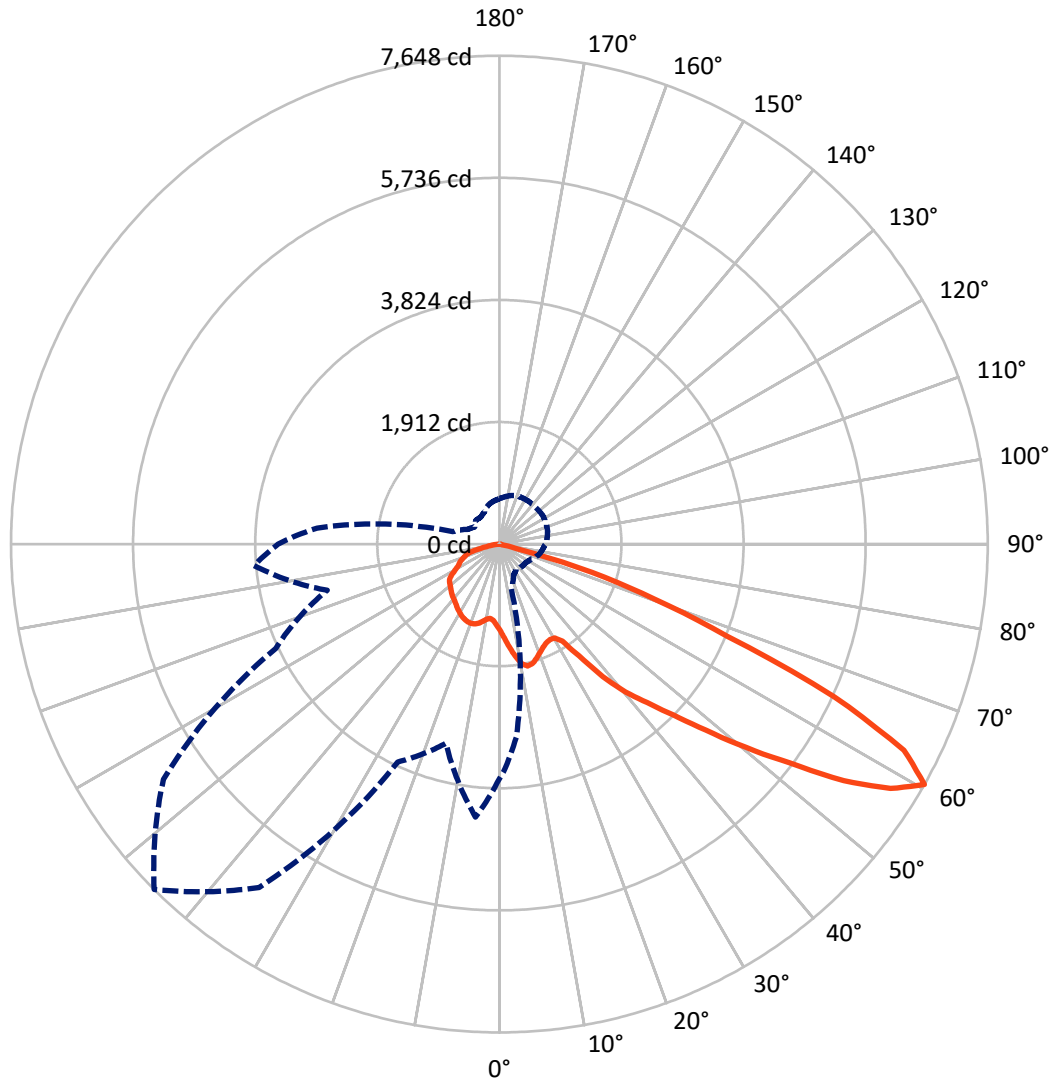
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.3 fc
 Type III - Short - N/A

REPORT NUMBER: P632595
CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P632595

CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2290.1	0.0	2290.1
	% Fixture	34.2	0.0	34.2
Street Side	Lumens	4404.4	0.0	4404.4
	% Fixture	65.8	0.0	65.8
Total	Lumens	6694.5	0.0	6694.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.9	2.0
10°-20°	423.1	6.3
20°-30°	689.1	10.3
30°-40°	968.0	14.5
40°-50°	1324.6	19.8
50°-60°	1699.4	25.4
60°-70°	1144.3	17.1
70°-80°	286.1	4.3
80°-90°	27.9	0.4
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°	6694.5	100.0
0°-180°	6694.5	100.0

Coefficient of Utilization



REPORT NUMBER: P632595

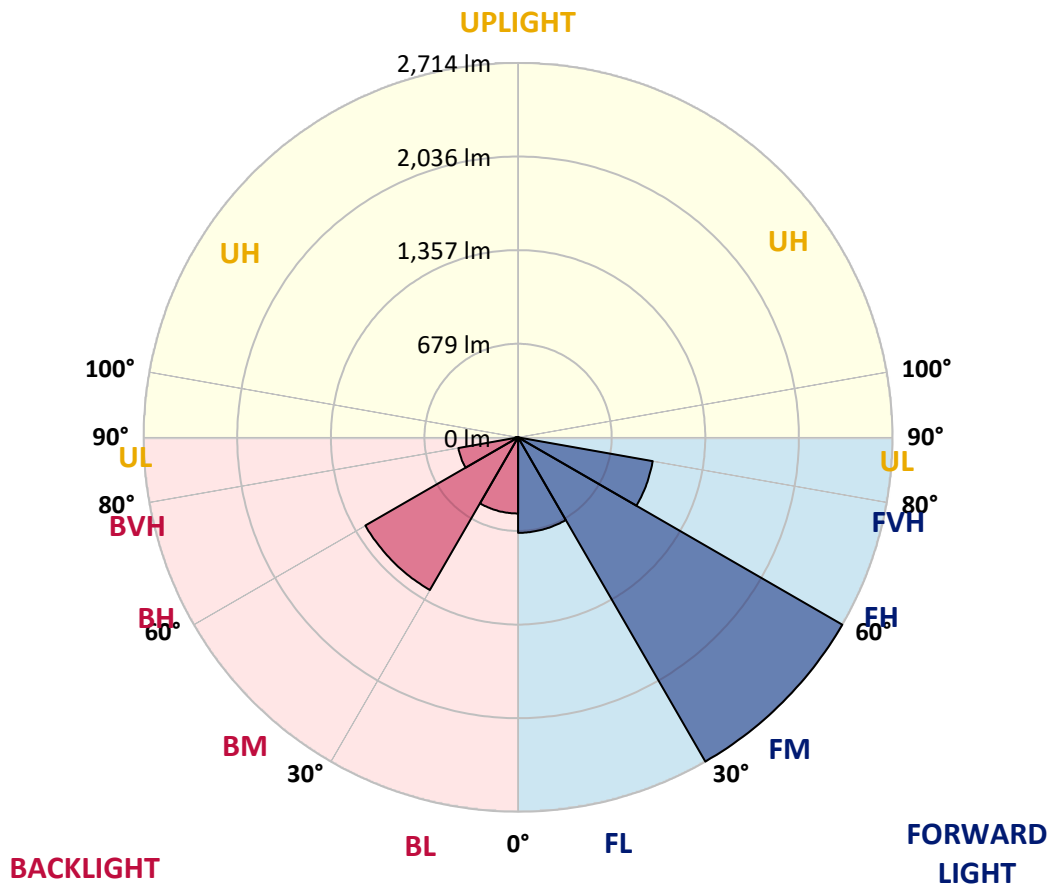
CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	692.1	10.3			
FM (30°-60°)	2714.0	40.5			
FH (60°-80°)	991.1	14.8			G1/1800
FVH (80°-90°)	7.2	0.1			G0/10
BL (0°-30°)	552.1	8.2	B2/1000		
BM (30°-60°)	1278.1	19.1	B2/2500		
BH (60°-80°)	439.4	6.6	B1/500		G1/500
BVH (80°-90°)	20.6	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type III Short





REPORT NUMBER: P632595

CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2
2.5°	1428.5	1425.4	1422.3	1398.3	1392.1	1374.9	1362.5	1347.1	1324.9	1312.6	1302.1
5°	1517.9	1513.0	1496.3	1447.0	1414.9	1379.8	1350.8	1318.8	1284.9	1262.7	1245.4
7.5°	1602.4	1601.1	1572.8	1491.4	1439.6	1389.1	1349.6	1302.7	1254.0	1220.7	1198.5
10°	1680.7	1671.4	1637.5	1531.5	1463.7	1405.7	1363.2	1311.4	1254.6	1209.6	1180.0
12.5°	1749.7	1738.0	1691.2	1568.5	1484.6	1413.1	1366.9	1324.3	1286.7	1249.1	1215.2
15°	1806.4	1792.3	1744.8	1603.0	1503.1	1408.8	1344.0	1310.8	1323.7	1340.3	1302.7
17.5°	1859.5	1844.7	1786.7	1628.3	1508.7	1382.3	1287.9	1273.8	1339.1	1414.9	1397.7
20°	1903.9	1887.2	1820.0	1640.6	1498.8	1331.7	1215.2	1239.8	1326.2	1416.8	1444.5
22.5°	1951.9	1938.4	1857.6	1658.5	1486.5	1262.0	1154.2	1214.6	1304.0	1383.5	1425.4
25°	2029.0	2012.4	1916.2	1689.9	1480.3	1196.7	1110.4	1189.9	1273.1	1345.3	1378.0
27.5°	2140.6	2109.8	1996.3	1744.8	1487.1	1135.0	1082.6	1159.7	1237.4	1299.0	1325.5
30°	2262.1	2225.1	2085.1	1801.5	1496.9	1097.4	1067.8	1125.2	1182.5	1244.2	1273.1
32.5°	2405.7	2373.0	2180.1	1844.1	1476.0	1080.2	1056.7	1087.6	1133.2	1182.5	1206.6
35°	2577.1	2518.5	2283.6	1878.6	1408.2	1054.9	1046.9	1046.3	1070.3	1118.4	1145.5
37.5°	2761.5	2698.6	2411.3	1915.6	1302.7	1014.8	1023.4	997.6	1019.7	1058.0	1088.8
40°	2912.5	2846.5	2540.1	1966.1	1170.8	951.9	971.7	943.9	957.5	996.9	1031.5
42.5°	3060.5	2990.2	2660.3	2023.5	1043.2	890.3	900.1	889.7	894.0	935.3	983.4
45°	3254.7	3175.8	2808.3	2064.2	928.5	841.6	832.3	814.4	837.3	890.9	942.1
47.5°	3579.0	3484.7	3050.6	2090.7	845.3	813.8	771.3	760.8	789.2	849.0	902.0
50°	3958.1	3876.8	3437.8	2089.4	783.0	790.4	712.1	702.8	749.7	810.1	866.2
52.5°	4268.9	4186.3	3768.9	2027.8	731.8	740.5	677.6	651.7	715.8	771.9	828.0
55°	4519.8	4426.7	3921.2	1770.1	667.1	660.9	640.0	592.5	673.3	733.7	786.1
57.5°	4384.8	4273.8	3736.8	1345.9	600.5	561.7	575.2	540.1	615.3	691.1	741.7
60°	3676.4	3576.5	3035.8	716.4	528.4	469.2	497.5	503.1	551.8	640.0	691.8
62.5°	2525.3	2452.6	2057.4	434.7	416.8	376.7	421.1	461.2	497.5	572.1	617.2
65°	1235.5	1214.0	1029.0	278.7	291.6	304.6	349.0	397.7	451.3	516.7	564.1
67.5°	340.3	342.8	312.0	217.6	230.0	265.7	300.9	339.7	393.3	453.8	501.9
70°	149.8	152.3	157.2	167.7	191.1	223.8	260.2	300.3	349.6	400.1	446.4
72.5°	104.2	106.7	114.1	127.6	148.6	179.4	213.9	252.2	303.3	345.9	384.1
75°	64.1	66.0	72.8	84.5	98.6	122.1	156.0	191.1	236.1	275.0	308.9
77.5°	33.9	32.7	37.0	45.0	57.3	69.7	92.5	114.7	146.7	178.2	206.5
80°	18.5	17.9	20.3	24.7	28.4	38.2	53.6	68.4	86.9	104.8	120.2
82.5°	8.0	7.4	8.0	10.5	12.9	18.5	27.1	37.6	48.1	60.4	70.3
85°	0.0	0.0	0.0	0.6	3.1	4.9	9.2	13.6	19.7	27.1	33.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.5
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: P632595

CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2
2.5°	1296.0	1280.5	1279.3	1267.0	1268.2	1268.8	1256.5	1251.6	1255.9	1260.8	1258.3
5°	1239.2	1223.2	1216.4	1204.7	1203.5	1197.9	1193.0	1186.8	1191.1	1195.5	1197.9
7.5°	1189.9	1179.4	1175.1	1172.0	1173.3	1170.8	1160.9	1155.4	1154.8	1156.6	1159.1
10°	1173.9	1165.2	1170.8	1179.4	1185.6	1189.9	1179.4	1170.2	1161.6	1157.9	1157.9
12.5°	1208.4	1197.3	1208.4	1217.7	1230.0	1233.1	1221.4	1211.5	1208.4	1212.1	1219.5
15°	1284.9	1259.0	1258.3	1263.9	1273.8	1278.7	1267.6	1262.7	1262.7	1286.1	1304.6
17.5°	1361.3	1318.8	1300.9	1297.8	1304.0	1305.8	1296.6	1292.3	1303.4	1349.0	1383.5
20°	1414.9	1363.2	1324.3	1316.9	1318.8	1319.4	1312.0	1308.9	1324.9	1380.4	1409.4
22.5°	1409.4	1371.2	1323.7	1314.5	1317.5	1316.3	1309.5	1308.3	1321.2	1369.3	1382.9
25°	1371.2	1341.6	1301.5	1295.3	1300.3	1299.7	1292.9	1289.8	1295.3	1327.4	1328.6
27.5°	1327.4	1301.5	1267.0	1265.1	1273.1	1277.5	1265.7	1256.5	1254.6	1276.2	1271.3
30°	1275.0	1255.9	1228.1	1229.4	1244.2	1246.6	1232.5	1218.9	1215.2	1226.9	1220.1
32.5°	1212.7	1206.6	1191.8	1194.8	1209.0	1214.0	1199.2	1185.0	1180.7	1184.4	1170.2
35°	1159.7	1157.2	1158.5	1164.0	1176.3	1180.0	1167.7	1156.6	1150.5	1137.5	1119.0
37.5°	1104.8	1111.6	1129.5	1140.0	1146.8	1145.5	1138.7	1130.7	1120.9	1096.8	1074.0
40°	1053.7	1070.9	1103.0	1114.7	1117.2	1117.8	1112.8	1106.1	1093.7	1061.7	1035.8
42.5°	1014.2	1033.3	1075.9	1093.7	1095.0	1096.2	1091.3	1085.7	1068.5	1025.9	1000.6
45°	972.9	998.2	1048.1	1069.7	1068.5	1067.8	1063.5	1061.1	1040.7	991.4	963.6
47.5°	937.7	967.3	1021.0	1039.5	1038.9	1038.2	1035.2	1035.2	1014.8	961.2	929.7
50°	903.2	937.1	993.2	1008.6	1009.9	1008.6	1007.4	1009.3	985.2	927.9	897.1
52.5°	865.6	903.8	962.4	976.6	984.0	987.1	987.1	982.8	954.4	894.6	860.7
55°	824.3	860.7	928.5	947.6	953.8	959.3	959.3	950.7	924.2	863.8	827.4
57.5°	773.1	805.2	858.8	877.9	892.7	896.4	896.4	882.3	860.7	802.7	773.1
60°	717.6	745.4	781.8	802.1	813.2	805.8	811.4	807.7	790.4	736.8	712.1
62.5°	643.7	672.0	712.1	733.1	738.0	730.6	738.0	737.4	713.9	665.9	636.3
65°	590.6	618.4	657.8	685.0	693.0	691.1	696.1	688.7	659.7	614.1	585.7
67.5°	527.8	557.3	603.0	633.2	649.8	651.7	658.5	643.0	613.5	563.5	527.8
70°	467.9	493.2	528.4	556.7	580.2	591.9	593.1	570.9	533.9	492.6	466.7
72.5°	405.1	431.0	473.5	504.3	533.9	547.5	547.5	520.4	480.3	434.7	406.9
75°	328.6	352.7	391.5	424.8	458.7	476.0	475.3	451.9	407.5	364.4	335.4
77.5°	222.6	240.4	265.1	290.4	295.3	308.9	315.7	286.1	261.4	238.0	212.1
80°	129.5	140.6	154.1	168.3	171.4	175.7	164.6	153.5	140.6	125.2	113.4
82.5°	75.8	83.2	90.0	101.1	103.0	104.2	94.3	89.4	78.9	69.7	62.3
85°	37.0	39.5	45.6	51.2	48.7	47.5	43.2	38.2	33.9	30.2	26.5
87.5°	7.4	7.4	11.1	10.5	8.6	7.4	4.3	5.5	1.2	1.2	0.0
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: P632595

CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2
2.5°	1266.4	1276.8	1289.8	1307.1	1326.8	1347.7	1368.1	1383.5	1398.9	1421.7	1418.0
5°	1201.6	1219.5	1239.8	1266.4	1298.4	1334.8	1375.5	1416.2	1460.0	1496.9	1513.0
7.5°	1164.0	1183.7	1207.8	1242.3	1283.6	1328.0	1385.4	1451.3	1522.2	1570.9	1601.1
10°	1164.0	1189.3	1220.7	1254.0	1290.4	1336.0	1406.9	1489.5	1580.8	1644.9	1680.1
12.5°	1231.2	1256.5	1263.3	1262.0	1282.4	1332.9	1424.2	1529.6	1638.7	1706.6	1749.7
15°	1336.0	1344.7	1293.5	1246.6	1249.7	1310.8	1432.2	1561.7	1688.7	1770.1	1816.9
17.5°	1406.3	1383.5	1292.3	1210.3	1193.0	1273.1	1432.2	1592.5	1741.7	1833.6	1877.3
20°	1411.9	1355.1	1260.8	1175.1	1130.7	1223.2	1422.3	1615.9	1792.9	1894.6	1941.5
22.5°	1363.2	1307.1	1227.5	1144.9	1079.6	1162.8	1406.3	1633.8	1836.7	1951.9	2009.9
25°	1307.7	1260.8	1193.6	1114.1	1044.4	1101.7	1391.5	1664.0	1897.7	2029.6	2088.2
27.5°	1253.4	1214.0	1152.9	1088.2	1024.7	1048.7	1382.3	1708.4	1970.4	2140.0	2190.5
30°	1200.4	1164.6	1109.1	1063.5	1014.2	1014.2	1374.3	1759.6	2066.6	2263.9	2314.5
32.5°	1146.8	1112.8	1067.8	1039.5	1008.0	1000.6	1352.1	1807.7	2165.9	2399.6	2451.3
35°	1096.8	1062.9	1028.4	1016.7	1005.0	990.2	1297.2	1845.3	2262.7	2558.0	2602.4
37.5°	1050.0	1017.3	991.4	988.3	989.5	961.8	1210.9	1876.7	2383.5	2720.1	2743.6
40°	1009.3	972.9	952.5	951.9	958.1	916.2	1101.7	1921.7	2521.6	2857.6	2847.8
42.5°	972.9	934.7	910.0	915.6	911.9	870.5	995.1	1963.0	2641.8	2986.5	2966.8
45°	937.1	900.1	865.6	873.6	869.3	842.2	904.5	1993.3	2775.0	3141.2	3143.7
47.5°	902.6	866.2	831.7	821.8	821.2	833.6	834.8	2003.1	2992.0	3390.3	3334.2
50°	870.5	834.2	798.4	765.1	778.1	816.3	783.0	1995.7	3317.0	3665.3	3508.7
52.5°	837.3	802.7	763.3	703.5	737.4	775.0	736.8	1969.2	3515.5	3908.2	3814.5
55°	799.0	766.4	712.7	640.0	681.3	689.3	689.3	1712.7	3599.9	4148.7	4206.6
57.5°	747.9	704.7	619.6	561.0	598.0	567.2	638.7	1198.5	3460.6	4072.8	4297.9
60°	689.9	643.7	553.6	511.7	522.8	468.6	544.4	751.6	2868.1	3465.5	3855.2
62.5°	613.5	570.9	496.3	463.6	440.8	382.3	438.4	475.3	1966.1	2573.4	2839.1
65°	562.3	515.4	448.8	405.7	358.8	307.7	291.0	312.0	1057.4	1440.2	1619.6
67.5°	501.9	455.6	392.7	338.5	300.9	263.9	234.9	227.5	362.5	479.7	519.1
70°	444.5	400.1	347.7	297.2	259.6	223.2	194.8	174.5	167.7	166.5	164.0
72.5°	386.0	344.6	300.9	254.0	212.7	179.4	154.1	130.7	120.8	117.8	114.7
75°	316.3	283.6	239.8	189.3	156.0	125.2	105.4	90.0	81.4	78.3	74.6
77.5°	203.5	188.7	150.4	122.1	94.3	74.6	64.1	54.3	48.7	47.5	44.4
80°	108.5	101.1	83.2	70.3	56.1	45.6	40.1	34.5	31.4	30.2	29.0
82.5°	60.4	54.9	46.2	40.7	32.7	27.7	24.7	22.2	20.3	19.7	19.1
85°	27.1	23.4	18.5	17.3	15.4	14.2	13.6	12.3	11.7	11.1	10.5
87.5°	1.2	2.5	3.1	2.5	2.5	3.7	4.3	4.3	3.7	3.7	3.1
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: P632595

CATALOG NUMBER: GWS-SA2D-722-U-SLL-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2	1350.2
2.5°	1440.8	1459.3	1461.2	1467.4	1459.3	1457.5	1444.5	1437.1	1430.4	1428.5
5°	1553.0	1590.0	1604.8	1615.3	1605.5	1600.5	1572.2	1542.6	1525.9	1517.9
7.5°	1668.3	1723.8	1752.8	1765.8	1767.0	1744.8	1696.1	1640.6	1612.9	1602.4
10°	1771.3	1839.7	1878.0	1902.6	1894.0	1866.9	1800.3	1725.1	1689.9	1680.7
12.5°	1847.8	1913.1	1942.7	1958.7	1958.1	1943.3	1880.4	1799.0	1759.0	1749.7
15°	1897.1	1935.9	1937.8	1941.5	1951.9	1971.7	1939.0	1863.8	1819.4	1806.4
17.5°	1935.9	1920.5	1891.5	1881.7	1905.1	1960.0	1979.7	1918.7	1870.6	1859.5
20°	1960.6	1882.9	1831.7	1812.6	1839.7	1929.1	2004.4	1968.0	1918.0	1903.9
22.5°	1979.7	1847.8	1765.1	1752.2	1780.6	1895.8	2029.6	2026.5	1971.7	1951.9
25°	2009.9	1824.3	1718.3	1709.0	1735.5	1879.8	2063.5	2106.1	2057.4	2029.0
27.5°	2057.4	1821.9	1694.2	1691.2	1727.5	1894.0	2112.2	2222.6	2161.6	2140.6
30°	2123.3	1845.3	1699.8	1705.9	1750.3	1945.2	2188.1	2355.8	2294.7	2262.1
32.5°	2218.3	1908.2	1784.2	1810.8	1843.4	2027.2	2299.1	2500.0	2453.8	2405.7
35°	2343.4	2080.8	2033.9	2146.8	2115.9	2206.6	2432.8	2675.1	2619.0	2577.1
37.5°	2510.5	2434.7	2477.9	2633.2	2558.6	2545.7	2596.2	2834.2	2803.4	2761.5
40°	2744.8	2760.2	2839.8	3043.8	2935.9	2852.7	2796.6	2953.8	2964.3	2912.5
42.5°	2900.2	2971.1	3162.8	3394.6	3246.1	3046.9	2964.3	3106.7	3107.3	3060.5
45°	2958.1	3143.7	3544.5	3811.4	3563.0	3157.9	3056.8	3314.5	3308.3	3254.7
47.5°	2937.2	3289.2	3940.9	4349.0	3969.9	3236.8	3043.8	3610.4	3660.4	3579.0
50°	2893.4	3435.3	4403.9	5007.5	4469.3	3320.7	3024.1	3938.4	4021.0	3958.1
52.5°	2937.8	3598.1	4951.4	5688.1	5095.7	3454.4	3157.3	4359.5	4344.7	4268.9
55°	3078.4	3790.5	5616.6	6543.3	5783.7	3680.7	3499.4	4760.9	4610.4	4519.8
57.5°	3071.6	3927.9	6199.9	7219.6	6382.4	3866.3	3618.4	4803.4	4499.5	4384.8
60°	2788.0	3865.1	6421.8	7647.5	6563.0	3763.9	3226.9	4290.5	3796.6	3676.4
62.5°	2080.8	3429.8	5991.5	7111.7	6051.9	3251.0	2426.7	3079.6	2728.2	2525.3
65°	1331.1	2683.2	5037.1	5761.5	4988.4	2486.5	1445.2	1651.1	1293.5	1235.5
67.5°	566.6	1894.0	3915.6	3850.9	3731.9	1611.0	558.0	464.9	346.5	340.3
70°	187.4	1288.6	2413.7	2568.5	2228.8	1109.8	184.3	156.0	155.4	149.8
72.5°	122.7	691.8	1358.8	1513.0	1434.1	638.7	111.6	104.2	106.7	104.2
75°	73.4	150.4	228.7	297.2	228.7	107.3	67.2	66.0	67.2	64.1
77.5°	43.2	41.9	40.7	40.7	40.1	37.0	33.9	32.7	33.3	33.9
80°	27.7	26.5	25.3	24.7	21.6	20.3	19.1	17.9	17.9	18.5
82.5°	17.9	16.6	15.4	13.6	11.1	9.2	8.6	7.4	7.4	8.0
85°	9.2	7.4	5.5	4.3	2.5	1.2	0.0	0.0	0.0	0.0
87.5°	1.8	0.0	0.0	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)