

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: P635072

Luminaire Tested: GWS-SA3D-722-U-SLL-W

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P635072  
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-SA3D-722-U-SLL-W  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

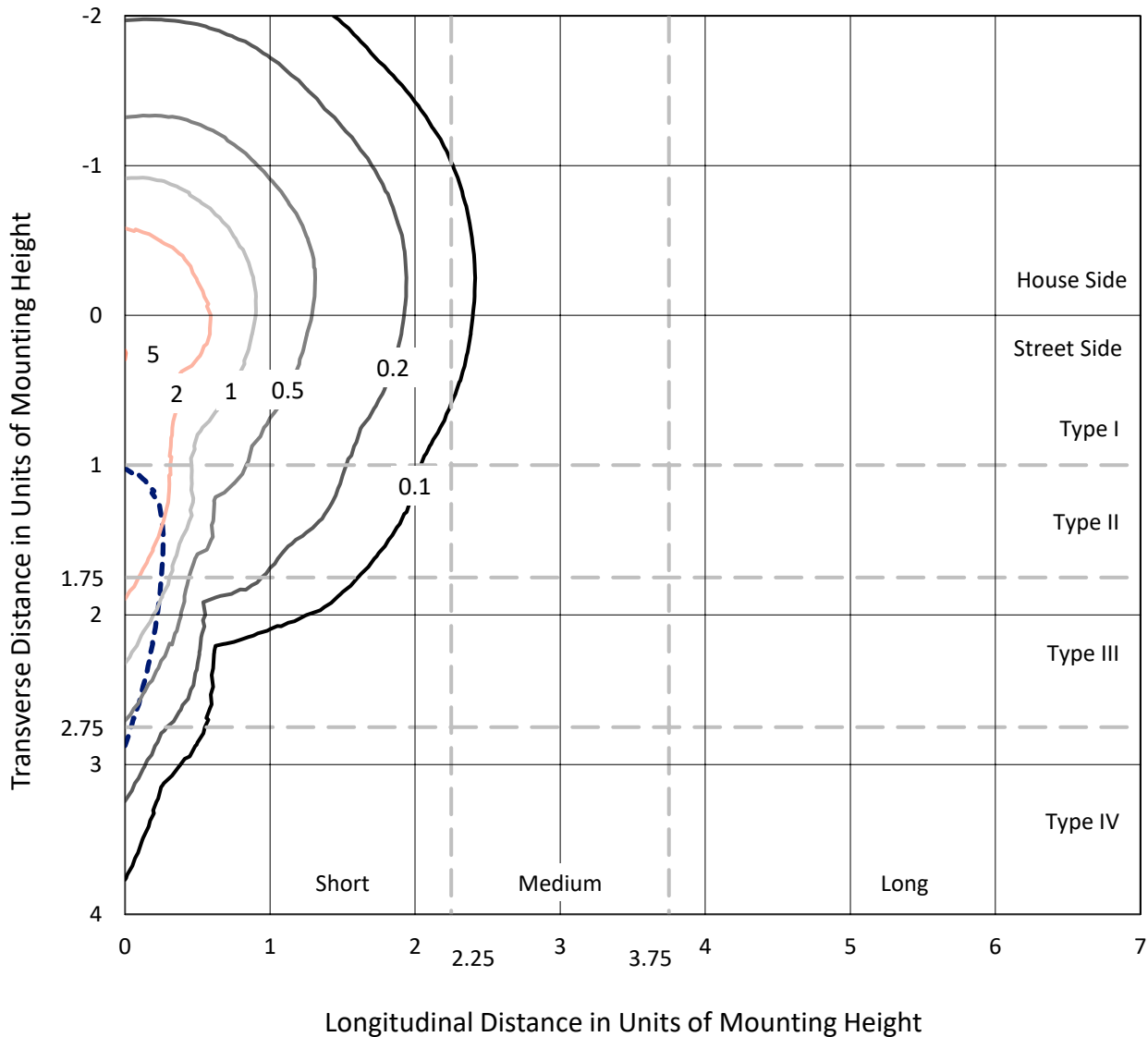
Lumens per Lamp: N/A  
Luminaire Lumens: 12149.2 lumens  
Efficiency: N/A  
Efficacy: 100.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G2  
  
Input Watts (W): 120.8  
Input Voltage (V): 120  
Input Current (Ain): 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: P635072  
 CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

### Iso-Footcandle Lines of Horizontal Illumination

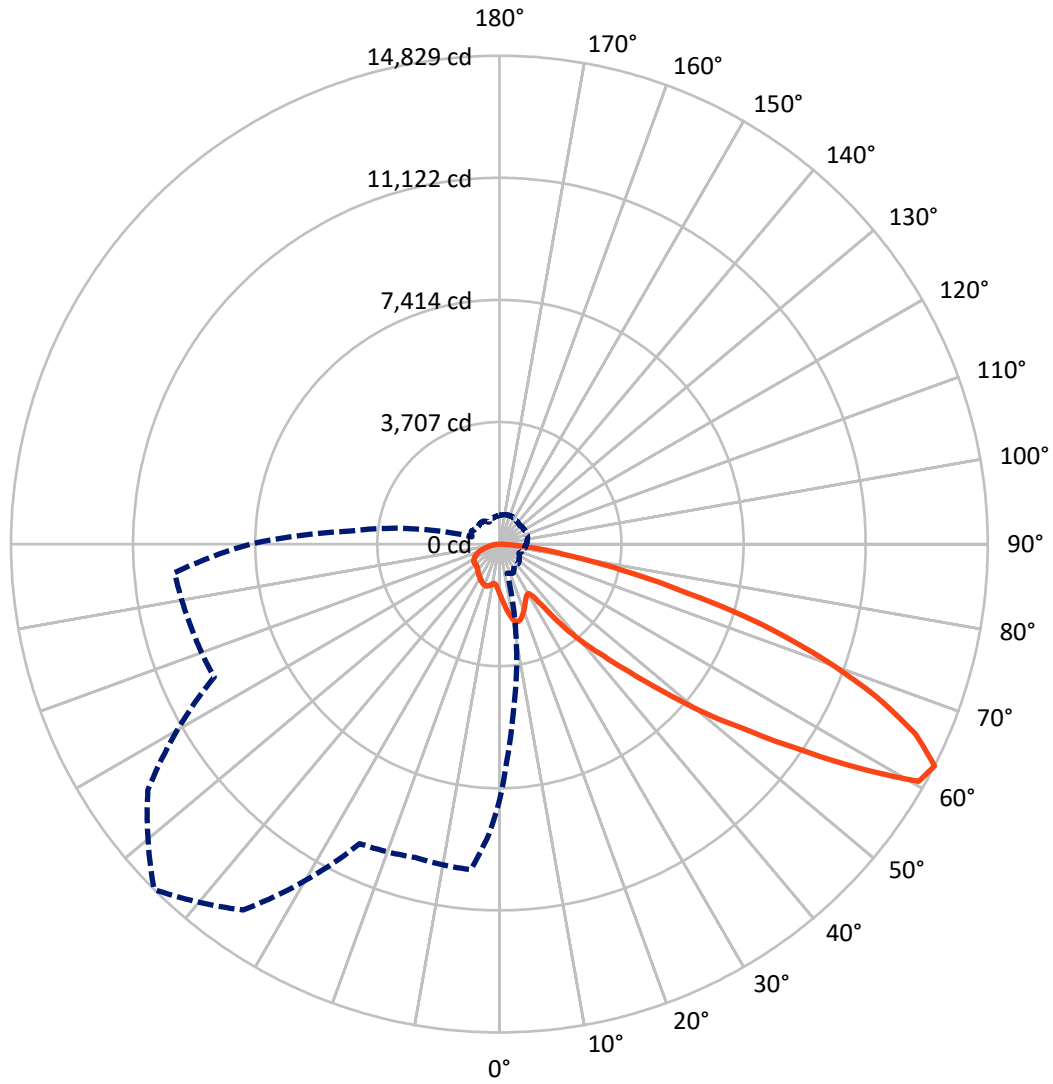
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.1 fc  
 Type III - Short - N/A

REPORT NUMBER: P635072  
CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P635072

CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2904.9	0.0	2904.9
	% Fixture	23.9	0.0	23.9
<b>Street Side</b>	Lumens	9244.3	0.0	9244.3
	% Fixture	76.1	0.0	76.1
<b>Total</b>	Lumens	12149.2	0.0	12149.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	149.2	1.2
10°-20°	485.0	4.0
20°-30°	763.5	6.3
30°-40°	1046.5	8.6
40°-50°	1632.8	13.4
50°-60°	2815.3	23.2
60°-70°	3262.6	26.9
70°-80°	1722.2	14.2
80°-90°	272.0	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°	12149.2	100.0
0°-180°	12149.2	100.0

**Coefficient of Utilization**



REPORT NUMBER: P635072

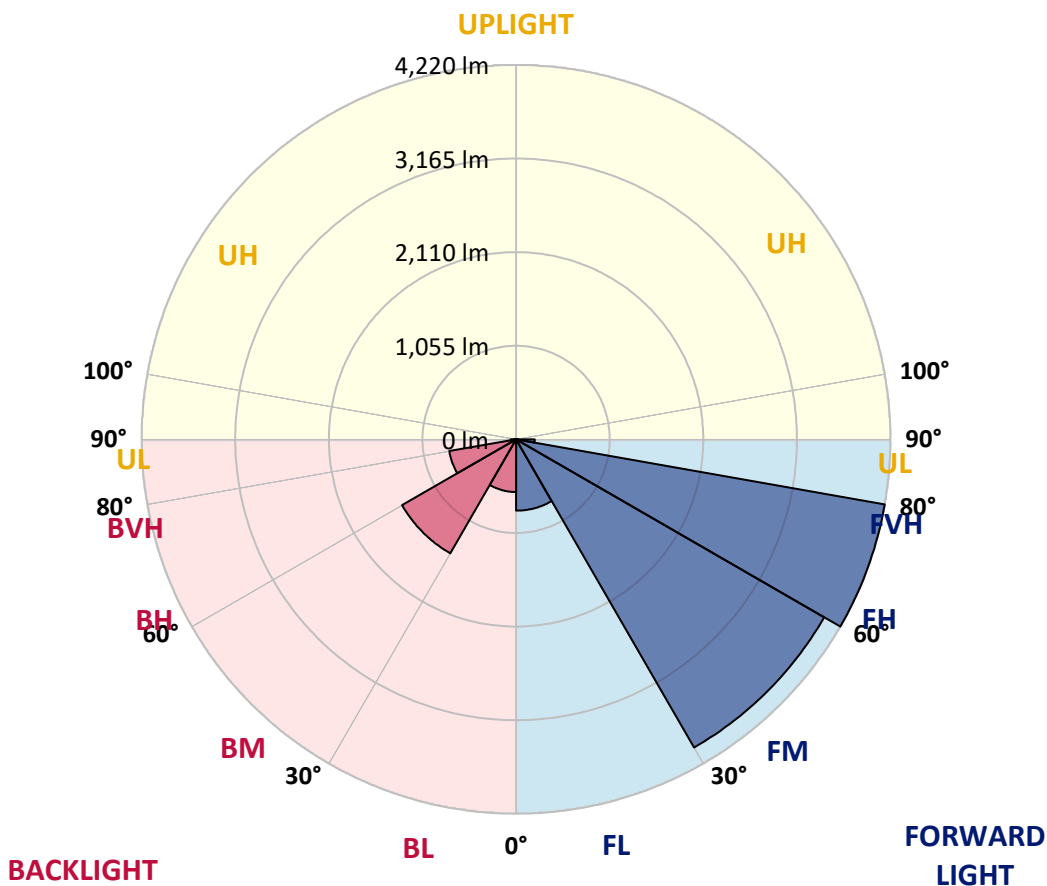
CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	803.5	6.6			
FM (30°-60°)	4010.9	33.0			
FH (60°-80°)	4219.9	34.7			G2/5000
FVH (80°-90°)	210.0	1.7			G2/225
BL (0°-30°)	594.2	4.9	B2/1000		
BM (30°-60°)	1483.8	12.2	B2/2500		
BH (60°-80°)	764.9	6.3	B2/1000		G2/1000
BVH (80°-90°)	62.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type III Short





REPORT NUMBER: P635072  
 CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8
2.5°	1645.8	1639.3	1630.0	1598.4	1578.9	1556.6	1533.3	1506.4	1475.7	1454.3	1433.0
5°	1785.2	1775.0	1752.7	1677.4	1625.3	1568.7	1521.3	1467.4	1414.4	1378.1	1341.9
7.5°	1919.0	1906.0	1871.6	1756.4	1671.8	1590.0	1518.5	1440.4	1361.4	1307.5	1264.8
10°	2052.8	2025.9	1982.2	1831.6	1720.1	1625.3	1543.6	1447.8	1342.8	1269.4	1223.9
12.5°	2155.0	2129.9	2082.6	1900.4	1768.5	1649.5	1557.5	1469.2	1380.0	1301.9	1255.5
15°	2250.8	2218.2	2164.3	1964.5	1808.4	1648.6	1529.6	1452.5	1439.5	1420.0	1359.6
17.5°	2319.5	2289.8	2234.0	2016.6	1830.7	1619.8	1452.5	1407.0	1465.5	1525.0	1467.4
20°	2379.9	2345.5	2288.9	2052.8	1835.4	1555.6	1358.6	1359.6	1451.6	1533.3	1519.4
22.5°	2431.0	2392.9	2342.8	2093.7	1833.5	1466.4	1276.9	1332.6	1424.6	1488.7	1490.6
25°	2494.2	2462.6	2420.8	2154.1	1833.5	1375.4	1217.4	1300.1	1379.1	1433.0	1431.1
27.5°	2571.4	2550.0	2515.6	2246.1	1850.2	1299.2	1183.9	1258.3	1320.5	1367.0	1366.1
30°	2657.8	2638.3	2612.3	2343.7	1879.0	1242.5	1165.3	1206.2	1251.8	1288.9	1288.9
32.5°	2746.1	2738.6	2710.8	2421.7	1856.7	1224.8	1149.5	1154.2	1178.3	1209.0	1206.2
35°	2868.7	2861.3	2826.0	2482.2	1760.1	1199.7	1124.4	1101.2	1104.0	1123.5	1130.0
37.5°	3048.1	3036.9	2984.9	2552.8	1614.2	1136.5	1083.6	1045.5	1037.1	1045.5	1057.5
40°	3264.6	3247.9	3177.3	2648.5	1446.0	1051.0	1019.4	987.8	973.9	976.7	990.6
42.5°	3536.0	3500.7	3399.4	2749.8	1279.6	975.8	947.9	928.4	912.6	910.7	937.7
45°	3976.5	3879.8	3719.0	2839.9	1139.3	935.8	883.8	869.8	856.8	864.2	895.8
47.5°	4745.9	4567.5	4254.3	2917.1	1053.8	936.7	832.6	817.8	816.9	831.7	867.0
50°	5803.5	5546.0	5062.8	2969.1	1009.2	947.9	802.0	777.8	795.5	810.3	843.8
52.5°	6816.4	6423.3	5848.1	2968.2	989.7	949.7	810.3	740.6	795.5	799.2	830.8
55°	7681.6	6969.7	6059.9	2663.4	961.8	942.3	842.9	711.8	785.3	799.2	824.3
57.5°	8369.2	7317.3	6044.1	2151.3	1046.4	901.4	862.4	705.3	755.5	801.1	829.9
60°	8293.0	7158.4	5654.8	1320.5	1038.0	828.9	859.6	717.4	705.3	776.0	823.4
62.5°	7786.6	6588.7	4984.7	916.3	974.8	787.1	814.1	738.8	658.9	739.7	791.8
65°	7077.5	5853.6	4154.0	702.5	807.6	789.0	736.9	723.9	618.0	682.1	737.9
67.5°	6139.9	4942.0	3279.5	556.6	563.2	683.0	669.1	643.1	579.9	631.0	681.2
70°	4615.8	3606.6	2256.3	447.9	426.5	570.6	601.3	578.0	542.7	557.6	610.5
72.5°	3252.5	2354.8	1236.0	355.0	329.0	438.6	522.3	518.5	479.5	490.7	542.7
75°	2417.1	1666.2	772.2	280.6	267.6	314.1	437.7	448.9	416.3	429.3	469.3
77.5°	1608.6	1078.9	429.3	208.2	208.2	229.5	326.2	378.2	354.1	364.3	392.2
80°	887.5	549.2	214.7	136.6	140.3	158.0	237.9	272.3	273.2	298.3	305.7
82.5°	280.6	174.7	95.7	79.9	75.3	90.1	153.3	195.2	182.1	232.3	213.7
85°	64.1	40.9	17.7	17.7	19.5	29.7	58.5	104.1	132.9	159.8	116.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	40.9	60.4	53.9
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: P635072  
 CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8
2.5°	1420.0	1401.4	1395.8	1380.0	1378.1	1363.3	1357.7	1357.7	1364.2	1364.2	1370.7
5°	1327.0	1303.8	1290.8	1272.2	1267.6	1256.4	1249.0	1249.9	1258.3	1263.8	1275.0
7.5°	1245.3	1229.5	1220.2	1211.8	1209.9	1208.1	1199.7	1198.8	1201.6	1209.9	1218.3
10°	1210.9	1199.7	1202.5	1209.0	1219.2	1224.8	1217.4	1213.7	1210.9	1216.4	1223.9
12.5°	1244.3	1233.2	1238.8	1249.9	1263.8	1269.4	1266.6	1265.7	1268.5	1289.9	1305.7
15°	1317.7	1296.4	1288.9	1293.6	1304.7	1310.3	1307.5	1311.2	1328.9	1384.7	1424.6
17.5°	1408.8	1356.8	1327.0	1318.7	1323.3	1328.0	1328.0	1337.3	1367.9	1449.7	1499.9
20°	1458.1	1390.2	1340.0	1319.6	1321.5	1326.1	1326.1	1339.1	1373.5	1460.9	1493.4
22.5°	1445.1	1382.8	1321.5	1299.2	1300.1	1303.8	1303.8	1315.0	1345.6	1422.8	1437.6
25°	1393.9	1339.1	1278.7	1259.2	1261.1	1267.6	1265.7	1272.2	1295.4	1358.6	1367.0
27.5°	1332.6	1284.3	1224.8	1209.9	1218.3	1231.3	1220.2	1221.1	1242.5	1295.4	1296.4
30°	1266.6	1226.7	1173.7	1162.6	1178.3	1184.9	1174.6	1174.6	1196.0	1232.2	1231.3
32.5°	1195.1	1170.0	1131.9	1119.8	1137.5	1147.7	1134.7	1136.5	1153.3	1177.4	1168.1
35°	1128.2	1115.2	1097.5	1089.1	1100.3	1109.6	1101.2	1104.9	1120.7	1127.2	1114.2
37.5°	1064.0	1062.2	1064.0	1064.0	1066.8	1069.6	1064.0	1073.3	1087.3	1078.9	1064.0
40°	1008.3	1015.7	1033.4	1028.7	1025.9	1028.7	1025.0	1040.8	1054.8	1039.9	1022.2
42.5°	961.8	975.8	1002.7	1002.7	997.1	999.0	997.1	1016.7	1026.9	1006.4	986.9
45°	921.9	942.3	976.7	981.3	972.0	972.0	975.8	999.9	1003.6	975.8	955.3
47.5°	894.0	919.1	958.1	966.5	952.5	951.6	961.8	987.8	987.8	955.3	932.1
50°	874.5	902.3	948.8	960.0	946.0	942.3	959.0	984.1	978.5	939.5	916.3
52.5°	861.5	890.3	947.9	963.7	954.4	950.7	967.4	985.1	971.1	929.3	905.1
55°	853.1	884.7	950.7	963.7	953.5	947.0	963.7	979.5	972.0	923.7	900.5
57.5°	857.7	889.3	947.0	953.5	941.4	930.2	949.7	972.0	969.3	925.6	902.3
60°	850.3	879.1	926.5	928.4	907.9	890.3	919.1	952.5	952.5	919.1	898.6
62.5°	815.9	844.7	886.5	888.4	865.2	845.7	879.1	919.1	918.1	891.2	869.8
65°	759.2	786.2	833.6	838.2	815.0	794.5	828.9	866.1	868.9	844.7	826.1
67.5°	697.0	721.1	756.4	775.0	755.5	734.1	765.7	801.1	800.1	771.3	751.8
70°	622.6	644.9	677.5	693.3	681.2	660.7	689.5	708.1	699.8	685.8	672.8
72.5°	549.2	570.6	601.3	601.3	588.2	568.7	577.1	610.5	620.8	610.5	602.2
75°	472.1	490.7	512.0	516.7	487.9	452.6	491.6	520.4	532.5	527.8	517.6
77.5°	393.1	407.0	438.6	430.3	376.4	357.8	389.4	432.1	440.5	437.7	423.8
80°	303.0	311.3	344.8	328.0	286.2	274.1	288.1	321.5	323.4	314.1	296.4
82.5°	203.5	214.7	237.0	204.4	203.5	192.4	181.2	184.9	201.7	199.8	187.7
85°	104.1	109.7	131.0	122.7	105.0	91.1	86.4	92.0	82.7	75.3	65.1
87.5°	43.7	47.4	65.1	36.2	11.2	0.0	0.0	5.6	8.4	12.1	13.0
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: P635072  
 CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8
2.5°	1385.6	1395.8	1420.9	1452.5	1483.2	1514.8	1549.1	1570.5	1596.5	1630.0	1630.9
5°	1288.9	1312.2	1348.4	1396.7	1446.9	1504.5	1571.4	1627.2	1694.1	1747.1	1768.5
7.5°	1229.5	1262.9	1308.4	1369.8	1435.8	1507.3	1594.7	1688.5	1798.2	1868.8	1910.6
10°	1235.0	1286.1	1331.7	1383.7	1443.2	1520.3	1632.8	1757.3	1892.0	1985.0	2037.0
12.5°	1334.5	1388.4	1380.0	1377.2	1417.2	1511.0	1663.4	1827.0	1991.5	2084.4	2146.7
15°	1459.9	1480.4	1401.4	1341.9	1366.1	1477.6	1680.2	1889.3	2074.2	2187.6	2248.9
17.5°	1524.0	1483.2	1387.4	1298.2	1291.7	1426.5	1688.5	1952.5	2167.1	2280.5	2345.5
20°	1494.3	1434.8	1354.0	1269.4	1223.0	1356.8	1683.9	2002.6	2251.7	2378.1	2431.0
22.5°	1430.2	1378.1	1315.0	1234.1	1167.2	1280.6	1671.8	2052.8	2327.0	2454.3	2500.7
25°	1360.5	1321.5	1269.4	1198.8	1135.6	1213.7	1663.4	2119.7	2413.4	2535.1	2564.9
27.5°	1290.8	1262.0	1219.2	1164.4	1128.2	1167.2	1666.2	2207.1	2524.9	2640.1	2628.1
30°	1222.0	1196.9	1167.2	1143.0	1127.2	1156.0	1658.8	2300.0	2647.6	2754.4	2682.9
32.5°	1157.0	1133.7	1115.2	1118.9	1128.2	1160.7	1620.7	2384.6	2760.0	2851.1	2742.4
35°	1101.2	1077.1	1077.1	1090.1	1124.4	1144.9	1522.2	2450.6	2884.5	2975.6	2826.9
37.5°	1049.2	1027.8	1041.7	1063.1	1095.6	1102.1	1395.8	2514.7	3065.7	3151.2	2958.0
40°	1003.6	982.3	1007.4	1034.3	1051.0	1048.2	1267.6	2603.9	3279.5	3367.8	3131.7
42.5°	967.4	947.9	970.2	1004.6	1007.4	1010.1	1173.7	2689.4	3527.6	3640.1	3431.0
45°	937.7	923.7	934.9	969.3	969.3	1012.0	1115.2	2760.9	3901.2	4100.1	3980.2
47.5°	914.4	906.1	911.6	922.8	941.4	1045.5	1078.0	2815.8	4581.4	4971.7	4850.9
50°	901.4	893.1	900.5	877.3	933.0	1062.2	1065.9	2857.6	5478.2	6089.7	5940.1
52.5°	890.3	887.5	892.1	838.2	951.6	1051.0	1056.6	2801.8	6079.5	7190.0	7337.7
55°	886.5	888.4	866.1	809.4	973.9	1013.9	1028.7	2403.2	6243.0	8138.8	9056.0
57.5°	888.4	882.8	826.1	812.2	974.8	939.5	1068.7	1714.6	6005.1	8551.4	10737.1
60°	881.9	854.0	777.8	837.3	932.1	852.2	1039.9	1117.9	5377.8	8234.5	10834.7
62.5°	853.1	812.2	736.0	851.2	855.9	800.1	944.2	861.5	4541.5	7556.1	9894.2
65°	811.3	756.4	700.7	822.4	778.8	776.0	710.0	690.5	3652.1	6748.6	9002.1
67.5°	742.5	687.7	674.7	756.4	700.7	687.7	570.6	572.4	2914.3	5888.0	8105.3
70°	664.4	609.6	619.8	684.0	623.6	571.5	461.9	476.7	2210.8	4905.8	6896.3
72.5°	613.3	539.9	540.9	602.2	548.3	462.8	380.1	393.1	1403.2	3697.7	5482.9
75°	517.6	475.8	455.4	487.9	465.6	360.6	319.7	316.9	831.7	2650.4	4105.6
77.5°	432.1	399.6	389.4	402.4	347.6	266.7	257.4	252.8	471.2	1697.8	2690.3
80°	313.2	304.8	303.9	310.4	267.6	196.1	196.1	197.0	253.7	921.9	1516.6
82.5°	198.9	217.5	192.4	213.7	182.1	139.4	130.1	147.8	145.9	393.1	639.4
85°	82.7	113.4	105.9	112.4	86.4	76.2	81.8	88.3	84.6	151.5	249.1
87.5°	15.8	18.6	20.4	19.5	19.5	24.2	26.9	32.5	32.5	43.7	75.3
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: P635072

CATALOG NUMBER: GWS-SA3D-722-U-SLL-W

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8	1514.8
2.5°	1666.2	1693.2	1687.6	1699.7	1683.9	1689.5	1657.9	1649.5	1643.9	1645.8
5°	1837.2	1892.0	1902.3	1922.7	1908.8	1908.8	1853.0	1811.2	1796.3	1785.2
7.5°	2011.0	2090.0	2142.0	2147.6	2140.2	2125.3	2044.5	1969.2	1942.2	1919.0
10°	2165.3	2260.0	2318.6	2346.5	2332.5	2309.3	2208.9	2105.8	2073.3	2052.8
12.5°	2283.3	2366.9	2405.9	2424.5	2422.7	2414.3	2332.5	2221.0	2186.6	2155.0
15°	2359.5	2401.3	2386.4	2385.5	2398.5	2432.0	2406.9	2319.5	2279.6	2250.8
17.5°	2408.7	2368.8	2302.8	2272.1	2300.0	2379.0	2436.6	2387.4	2351.1	2319.5
20°	2426.4	2284.2	2188.5	2131.8	2164.3	2278.6	2420.8	2436.6	2405.9	2379.9
22.5°	2405.9	2181.1	2051.0	1984.0	2015.6	2152.3	2374.4	2476.6	2456.1	2431.0
25°	2355.8	2073.3	1917.1	1856.7	1891.1	2030.5	2291.6	2513.7	2514.7	2494.2
27.5°	2293.5	1973.8	1823.3	1766.6	1800.0	1930.1	2210.8	2546.3	2578.8	2571.4
30°	2230.3	1914.4	1778.7	1738.7	1763.8	1879.0	2128.1	2579.7	2644.8	2657.8
32.5°	2201.5	1943.2	1883.7	1901.3	1868.8	1908.8	2098.4	2627.1	2724.7	2746.1
35°	2239.6	2198.7	2349.3	2419.0	2303.7	2152.3	2136.5	2698.7	2837.1	2868.7
37.5°	2424.5	2746.1	2971.0	3216.3	3016.5	2682.9	2325.1	2820.4	2997.9	3048.1
40°	2826.9	3223.7	3629.8	3946.7	3644.7	3195.9	2683.8	3001.6	3219.1	3264.6
42.5°	3206.1	3671.7	4231.1	4640.9	4248.7	3615.0	3070.4	3306.4	3510.9	3536.0
45°	3577.8	4111.2	4958.7	5528.4	4995.9	4013.6	3465.3	3821.3	3975.5	3976.5
47.5°	4013.6	4606.5	5871.3	6682.6	5987.5	4455.0	3836.1	4636.3	4850.9	4745.9
50°	4535.0	5099.1	6810.8	8025.4	7196.5	4997.8	4307.3	5629.7	5922.4	5803.5
52.5°	5232.9	5641.8	7846.1	9334.8	8514.2	5615.7	4990.3	6941.8	7038.5	6816.4
55°	6215.1	6425.2	9174.9	10951.8	9985.3	6376.8	5989.3	8588.6	8318.1	7681.6
57.5°	8452.0	7664.8	10881.1	12796.4	11649.7	7759.6	8178.7	10404.4	9442.6	8369.2
60°	10323.6	9170.3	12460.0	14627.1	13076.1	9283.7	10234.3	10720.4	9400.8	8293.0
62.5°	9692.6	9554.1	13029.7	14828.8	13563.1	10033.6	9852.4	9924.0	8787.4	7786.6
65°	8504.0	8813.5	12521.3	13872.5	13023.2	9361.7	8912.0	9188.0	8085.8	7077.5
67.5°	7802.4	8030.1	11617.1	12342.0	12041.8	8635.0	8180.6	7980.8	6996.7	6139.9
70°	7085.0	7273.6	10347.7	10421.1	10511.3	7426.9	6689.1	6094.3	5215.2	4615.8
72.5°	6122.2	6132.4	8742.8	8317.2	8488.2	5811.8	5384.3	4556.3	3796.2	3252.5
75°	5136.2	4855.6	6920.5	5813.7	6156.6	4521.0	4470.8	3433.8	2863.2	2417.1
77.5°	3916.1	3588.0	5055.4	3823.1	4324.0	3010.9	3361.3	2328.8	2014.7	1608.6
80°	2629.0	2424.5	2793.5	2157.8	2828.8	2075.1	2192.2	1319.6	1144.0	887.5
82.5°	1386.5	1183.9	1726.6	1279.6	1706.2	1140.2	822.4	408.0	347.6	280.6
85°	537.1	621.7	846.6	455.4	661.7	407.0	237.9	101.3	84.6	64.1
87.5°	104.1	160.8	88.3	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)