

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: P635292

Luminaire Tested: GWS-SA3D-740-U-SLL-W

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P635292
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-740-U-SLL-W
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16493.7 lumens
Efficiency: N/A
Efficacy: 136.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

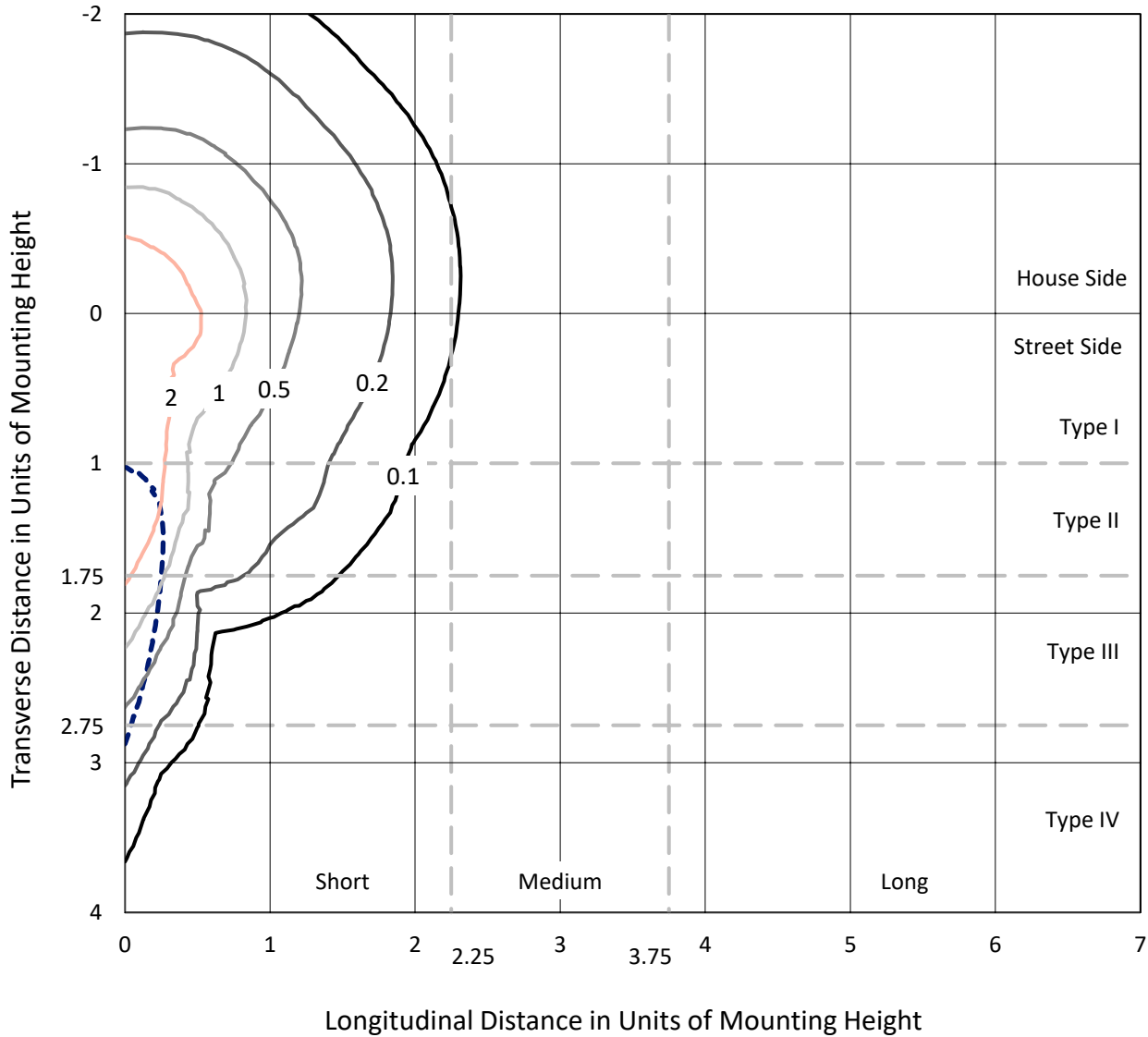
Input Watts (W): 120.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P635292
 CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

Iso-Footcandle Lines of Horizontal Illumination

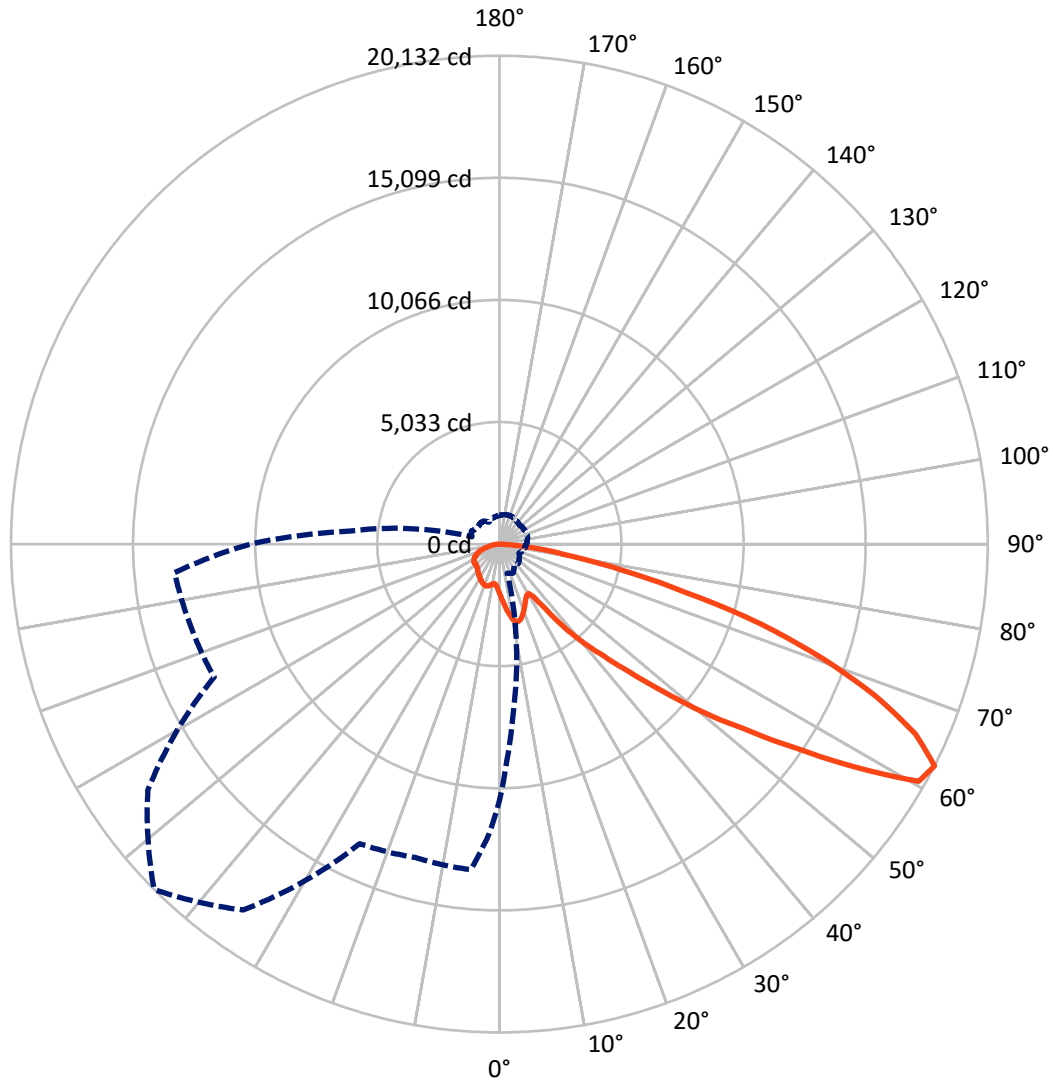
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.4 fc
 Type III - Short - N/A

REPORT NUMBER: P635292
CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

Luminous Intensity Polar Plot



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

REPORT NUMBER: P635292

CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3943.7	0.0	3943.7
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	12550.0	0.0	12550.0
	% Fixture	76.1	0.0	76.1
Total	Lumens	16493.7	0.0	16493.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.6	1.2
10°-20°	658.4	4.0
20°-30°	1036.5	6.3
30°-40°	1420.7	8.6
40°-50°	2216.7	13.4
50°-60°	3822.1	23.2
60°-70°	4429.3	26.9
70°-80°	2338.0	14.2
80°-90°	369.3	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°	16493.7	100.0
0°-180°	16493.7	100.0

Coefficient of Utilization



REPORT NUMBER: P635292

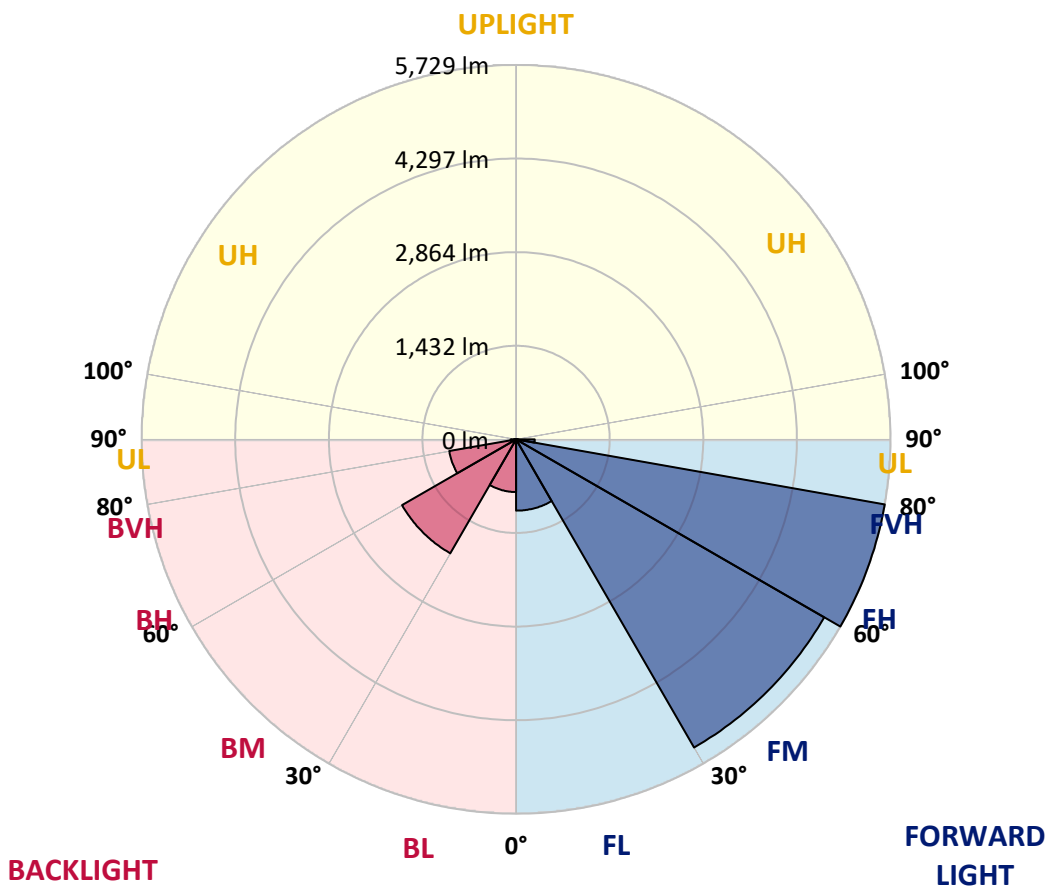
CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1090.9	6.6			
FM (30°-60°)	5445.2	33.0			
FH (60°-80°)	5729.0	34.7			G3/7500
FVH (80°-90°)	285.1	1.7			G3/500
BL (0°-30°)	806.6	4.9	B2/1000		
BM (30°-60°)	2014.4	12.2	B2/2500		
BH (60°-80°)	1038.4	6.3	B3/2500		G3/2500
BVH (80°-90°)	84.3	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





REPORT NUMBER: P635292
 CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4
2.5°	2234.3	2225.5	2212.9	2170.0	2143.5	2113.2	2081.7	2045.1	2003.4	1974.4	1945.4
5°	2423.6	2409.7	2379.4	2277.2	2206.6	2129.6	2065.3	1992.1	1920.2	1871.0	1821.8
7.5°	2605.2	2587.6	2540.9	2384.4	2269.6	2158.6	2061.5	1955.5	1848.3	1775.1	1717.1
10°	2786.9	2750.3	2691.0	2486.6	2335.2	2206.6	2095.5	1965.6	1823.0	1723.4	1661.5
12.5°	2925.7	2891.6	2827.3	2580.0	2400.8	2239.4	2114.5	1994.6	1873.5	1767.5	1704.4
15°	3055.6	3011.5	2938.3	2667.0	2455.1	2238.1	2076.6	1971.9	1954.2	1927.7	1845.7
17.5°	3149.0	3108.6	3032.9	2737.7	2485.4	2199.0	1971.9	1910.1	1989.6	2070.3	1992.1
20°	3231.0	3184.3	3107.3	2786.9	2491.7	2111.9	1844.5	1845.7	1970.6	2081.7	2062.7
22.5°	3300.4	3248.6	3180.5	2842.4	2489.2	1990.8	1733.5	1809.1	1934.0	2021.1	2023.6
25°	3386.2	3343.3	3286.5	2924.4	2489.2	1867.2	1652.7	1765.0	1872.2	1945.4	1942.9
27.5°	3490.9	3461.9	3415.2	3049.3	2511.9	1763.7	1607.3	1708.2	1792.7	1855.8	1854.6
30°	3608.2	3581.7	3546.4	3181.8	2551.0	1686.8	1582.1	1637.6	1699.4	1749.9	1749.9
32.5°	3728.1	3718.0	3680.1	3287.8	2520.7	1662.8	1560.6	1566.9	1599.7	1641.4	1637.6
35°	3894.6	3884.5	3836.6	3369.8	2389.5	1628.7	1526.5	1495.0	1498.8	1525.3	1534.1
37.5°	4138.1	4122.9	4052.3	3465.6	2191.4	1542.9	1471.0	1419.3	1408.0	1419.3	1435.7
40°	4432.0	4409.3	4313.4	3595.6	1963.1	1426.9	1384.0	1341.1	1322.2	1326.0	1344.9
42.5°	4800.4	4752.5	4615.0	3733.1	1737.2	1324.7	1286.8	1260.3	1238.9	1236.4	1273.0
45°	5398.4	5267.2	5049.0	3855.5	1546.7	1270.4	1199.8	1180.9	1163.2	1173.3	1216.2
47.5°	6443.0	6200.8	5775.6	3960.2	1430.7	1271.7	1130.4	1110.2	1109.0	1129.1	1177.1
50°	7878.7	7529.3	6873.2	4030.8	1370.1	1286.8	1088.8	1056.0	1079.9	1100.1	1145.5
52.5°	9253.9	8720.2	7939.3	4029.6	1343.6	1289.4	1100.1	1005.5	1079.9	1085.0	1127.9
55°	10428.5	9462.1	8227.0	3615.8	1305.8	1279.3	1144.3	966.4	1066.1	1085.0	1119.0
57.5°	11362.1	9933.9	8205.5	2920.6	1420.6	1223.8	1170.8	957.6	1025.7	1087.5	1126.6
60°	11258.6	9718.2	7676.9	1792.7	1409.2	1125.4	1167.0	974.0	957.6	1053.4	1117.8
62.5°	10571.0	8944.8	6767.3	1243.9	1323.4	1068.6	1105.2	1003.0	894.5	1004.2	1074.9
65°	9608.4	7946.9	5639.4	953.8	1096.3	1071.1	1000.5	982.8	839.0	926.0	1001.7
67.5°	8335.5	6709.2	4452.2	755.7	764.5	927.3	908.4	873.0	787.2	856.6	924.8
70°	6266.4	4896.3	3063.2	608.1	579.1	774.6	816.3	784.7	736.8	757.0	828.9
72.5°	4415.6	3196.9	1677.9	481.9	446.6	595.5	709.0	704.0	651.0	666.1	736.8
75°	3281.4	2262.1	1048.4	381.0	363.3	426.4	594.2	609.4	565.2	582.9	637.1
77.5°	2183.8	1464.7	582.9	282.6	282.6	311.6	442.8	513.5	480.7	494.6	532.4
80°	1204.8	745.6	291.4	185.5	190.5	214.5	323.0	369.7	370.9	405.0	415.1
82.5°	381.0	237.2	129.9	108.5	102.2	122.4	208.2	264.9	247.3	315.4	290.2
85°	87.1	55.5	24.0	24.0	26.5	40.4	79.5	141.3	180.4	217.0	157.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	55.5	82.0	73.2
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: P635292
 CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4
2.5°	1927.7	1902.5	1894.9	1873.5	1871.0	1850.8	1843.2	1843.2	1852.0	1852.0	1860.9
5°	1801.6	1770.0	1752.4	1727.1	1720.8	1705.7	1695.6	1696.9	1708.2	1715.8	1730.9
7.5°	1690.6	1669.1	1656.5	1645.1	1642.6	1640.1	1628.7	1627.5	1631.3	1642.6	1654.0
10°	1643.9	1628.7	1632.5	1641.4	1655.2	1662.8	1652.7	1647.7	1643.9	1651.4	1661.5
12.5°	1689.3	1674.2	1681.7	1696.9	1715.8	1723.4	1719.6	1718.3	1722.1	1751.1	1772.6
15°	1789.0	1759.9	1749.9	1756.2	1771.3	1778.9	1775.1	1780.1	1804.1	1879.8	1934.0
17.5°	1912.6	1841.9	1801.6	1790.2	1796.5	1802.8	1802.8	1815.5	1857.1	1968.1	2036.2
20°	1979.5	1887.4	1819.2	1791.5	1794.0	1800.3	1800.3	1818.0	1864.7	1983.2	2027.4
22.5°	1961.8	1877.3	1794.0	1763.7	1765.0	1770.0	1770.0	1785.2	1826.8	1931.5	1951.7
25°	1892.4	1818.0	1736.0	1709.5	1712.0	1720.8	1718.3	1727.1	1758.7	1844.5	1855.8
27.5°	1809.1	1743.5	1662.8	1642.6	1654.0	1671.6	1656.5	1657.8	1686.8	1758.7	1759.9
30°	1719.6	1665.3	1593.4	1578.3	1599.7	1608.6	1594.7	1594.7	1623.7	1672.9	1671.6
32.5°	1622.4	1588.4	1536.6	1520.2	1544.2	1558.1	1540.4	1542.9	1565.7	1598.5	1585.8
35°	1531.6	1513.9	1490.0	1478.6	1493.7	1506.4	1495.0	1500.1	1521.5	1530.3	1512.7
37.5°	1444.5	1442.0	1444.5	1444.5	1448.3	1452.1	1444.5	1457.2	1476.1	1464.7	1444.5
40°	1368.8	1378.9	1402.9	1396.6	1392.8	1396.6	1391.6	1413.0	1431.9	1411.7	1387.8
42.5°	1305.8	1324.7	1361.3	1361.3	1353.7	1356.2	1353.7	1380.2	1394.1	1366.3	1339.8
45°	1251.5	1279.3	1326.0	1332.3	1319.6	1319.6	1324.7	1357.5	1362.5	1324.7	1296.9
47.5°	1213.7	1247.7	1300.7	1312.1	1293.1	1291.9	1305.8	1341.1	1341.1	1296.9	1265.4
50°	1187.2	1225.0	1288.1	1303.2	1284.3	1279.3	1302.0	1336.0	1328.5	1275.5	1243.9
52.5°	1169.5	1208.6	1286.8	1308.3	1295.7	1290.6	1313.3	1337.3	1318.4	1261.6	1228.8
55°	1158.2	1201.1	1290.6	1308.3	1294.4	1285.6	1308.3	1329.7	1319.6	1254.0	1222.5
57.5°	1164.5	1207.4	1285.6	1294.4	1278.0	1262.9	1289.4	1319.6	1315.9	1256.6	1225.0
60°	1154.4	1193.5	1257.8	1260.3	1232.6	1208.6	1247.7	1293.1	1293.1	1247.7	1220.0
62.5°	1107.7	1146.8	1203.6	1206.1	1174.6	1148.1	1193.5	1247.7	1246.5	1209.9	1180.9
65°	1030.7	1067.3	1131.7	1138.0	1106.4	1078.7	1125.4	1175.8	1179.6	1146.8	1121.6
67.5°	946.2	979.0	1026.9	1052.2	1025.7	996.7	1039.6	1087.5	1086.2	1047.1	1020.6
70°	845.3	875.6	919.7	941.2	924.8	897.0	936.1	961.3	950.0	931.1	913.4
72.5°	745.6	774.6	816.3	816.3	798.6	772.1	783.5	828.9	842.8	828.9	817.5
75°	640.9	666.1	695.1	701.5	662.3	614.4	667.4	706.5	722.9	716.6	702.7
77.5°	533.7	552.6	595.5	584.1	511.0	485.7	528.6	586.6	598.0	594.2	575.3
80°	411.3	422.6	468.1	445.3	388.6	372.2	391.1	436.5	439.0	426.4	402.5
82.5°	276.3	291.4	321.7	277.6	276.3	261.2	246.0	251.1	273.8	271.2	254.8
85°	141.3	148.9	177.9	166.5	142.6	123.6	117.3	124.9	112.3	102.2	88.3
87.5°	59.3	64.3	88.3	49.2	15.1	0.0	0.0	7.6	11.4	16.4	17.7
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: P635292
 CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4
2.5°	1881.1	1894.9	1929.0	1971.9	2013.5	2056.4	2103.1	2132.1	2167.4	2212.9	2214.1
5°	1749.9	1781.4	1830.6	1896.2	1964.3	2042.5	2133.4	2209.1	2299.9	2371.8	2400.8
7.5°	1669.1	1714.5	1776.3	1859.6	1949.2	2046.3	2164.9	2292.3	2441.2	2537.1	2593.9
10°	1676.7	1746.1	1807.9	1878.5	1959.3	2064.0	2216.6	2385.7	2568.6	2694.8	2765.4
12.5°	1811.7	1884.8	1873.5	1869.7	1924.0	2051.4	2258.3	2480.3	2703.6	2829.8	2914.3
15°	1982.0	2009.7	1902.5	1821.8	1854.6	2006.0	2281.0	2564.9	2815.9	2969.8	3053.1
17.5°	2069.0	2013.5	1883.6	1762.5	1753.6	1936.6	2292.3	2650.6	2942.1	3096.0	3184.3
20°	2028.7	1947.9	1838.2	1723.4	1660.3	1841.9	2286.0	2718.8	3056.9	3228.5	3300.4
22.5°	1941.6	1871.0	1785.2	1675.4	1584.6	1738.5	2269.6	2786.9	3159.1	3331.9	3395.0
25°	1847.0	1794.0	1723.4	1627.5	1541.7	1647.7	2258.3	2877.7	3276.4	3441.7	3482.0
27.5°	1752.4	1713.3	1655.2	1580.8	1531.6	1584.6	2262.1	2996.3	3427.8	3584.2	3567.8
30°	1659.0	1625.0	1584.6	1551.8	1530.3	1569.4	2252.0	3122.5	3594.3	3739.4	3642.3
32.5°	1570.7	1539.2	1513.9	1519.0	1531.6	1575.7	2200.2	3237.3	3747.0	3870.6	3723.0
35°	1495.0	1462.2	1462.2	1479.9	1526.5	1554.3	2066.5	3326.9	3916.0	4039.7	3837.8
37.5°	1424.4	1395.3	1414.3	1443.3	1487.4	1496.3	1894.9	3413.9	4162.0	4278.1	4015.7
40°	1362.5	1333.5	1367.6	1404.2	1426.9	1423.1	1720.8	3535.0	4452.2	4572.1	4251.6
42.5°	1313.3	1286.8	1317.1	1363.8	1367.6	1371.4	1593.4	3651.1	4789.1	4941.7	4657.9
45°	1273.0	1254.0	1269.2	1315.9	1315.9	1373.9	1513.9	3748.2	5296.2	5566.2	5403.5
47.5°	1241.4	1230.1	1237.6	1252.8	1278.0	1419.3	1463.5	3822.7	6219.7	6749.6	6585.6
50°	1223.8	1212.4	1222.5	1191.0	1266.7	1442.0	1447.1	3879.4	7437.2	8267.3	8064.2
52.5°	1208.6	1204.8	1211.1	1138.0	1291.9	1426.9	1434.4	3803.8	8253.4	9761.1	9961.7
55°	1203.6	1206.1	1175.8	1098.9	1322.2	1376.4	1396.6	3262.5	8475.5	11049.2	12294.4
57.5°	1206.1	1198.5	1121.6	1102.6	1323.4	1275.5	1450.9	2327.7	8152.5	11609.3	14576.6
60°	1197.3	1159.4	1056.0	1136.7	1265.4	1156.9	1411.7	1517.7	7300.9	11179.1	14709.1
62.5°	1158.2	1102.6	999.2	1155.6	1161.9	1086.2	1281.8	1169.5	6165.5	10258.1	13432.4
65°	1101.4	1026.9	951.3	1116.5	1057.2	1053.4	963.9	937.4	4958.1	9161.8	12221.2
67.5°	1008.0	933.6	915.9	1026.9	951.3	933.6	774.6	777.2	3956.4	7993.6	11003.8
70°	902.1	827.6	841.5	928.5	846.5	775.9	627.0	647.2	3001.4	6660.0	9362.4
72.5°	832.7	733.0	734.3	817.5	744.3	628.3	516.0	533.7	1905.0	5019.9	7443.5
75°	702.7	645.9	618.2	662.3	632.1	489.5	434.0	430.2	1129.1	3598.1	5573.8
77.5°	586.6	542.5	528.6	546.3	471.8	362.1	349.5	343.2	639.6	2305.0	3652.4
80°	425.2	413.8	412.5	421.4	363.3	266.2	266.2	267.5	344.4	1251.5	2058.9
82.5°	270.0	295.2	261.2	290.2	247.3	189.2	176.6	200.6	198.1	533.7	868.0
85°	112.3	153.9	143.8	152.7	117.3	103.5	111.0	119.9	114.8	205.6	338.1
87.5°	21.4	25.2	27.8	26.5	26.5	32.8	36.6	44.2	44.2	59.3	102.2
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: P635292
 CATALOG NUMBER: GWS-SA3D-740-U-SLL-W

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4	2056.4
2.5°	2262.1	2298.7	2291.1	2307.5	2286.0	2293.6	2250.7	2239.4	2231.8	2234.3
5°	2494.2	2568.6	2582.5	2610.3	2591.3	2591.3	2515.6	2458.9	2438.7	2423.6
7.5°	2730.1	2837.4	2908.0	2915.6	2905.5	2885.3	2775.5	2673.3	2636.8	2605.2
10°	2939.5	3068.2	3147.7	3185.6	3166.6	3135.1	2998.8	2858.8	2814.6	2786.9
12.5°	3099.8	3213.3	3266.3	3291.5	3289.0	3277.7	3166.6	3015.2	2968.6	2925.7
15°	3203.2	3260.0	3239.8	3238.6	3256.2	3301.6	3267.6	3149.0	3094.7	3055.6
17.5°	3270.1	3215.8	3126.3	3084.6	3122.5	3229.7	3307.9	3241.1	3191.9	3149.0
20°	3294.1	3101.0	2971.1	2894.1	2938.3	3093.5	3286.5	3307.9	3266.3	3231.0
22.5°	3266.3	2961.0	2784.4	2693.5	2736.4	2921.9	3223.4	3362.2	3334.4	3300.4
25°	3198.2	2814.6	2602.7	2520.7	2567.4	2756.6	3111.1	3412.7	3413.9	3386.2
27.5°	3113.7	2679.7	2475.3	2398.3	2443.7	2620.4	3001.4	3456.8	3501.0	3490.9
30°	3027.9	2598.9	2414.7	2360.5	2394.5	2551.0	2889.1	3502.2	3590.5	3608.2
32.5°	2988.8	2638.0	2557.3	2581.3	2537.1	2591.3	2848.7	3566.6	3699.0	3728.1
35°	3040.5	2985.0	3189.3	3284.0	3127.5	2921.9	2900.4	3663.7	3851.7	3894.6
37.5°	3291.5	3728.1	4033.4	4366.4	4095.2	3642.3	3156.5	3829.0	4070.0	4138.1
40°	3837.8	4376.5	4927.8	5358.1	4948.0	4338.7	3643.5	4075.0	4370.2	4432.0
42.5°	4352.6	4984.6	5744.1	6300.5	5768.1	4907.7	4168.4	4488.8	4766.4	4800.4
45°	4857.2	5581.4	6731.9	7505.3	6782.4	5448.9	4704.5	5187.7	5397.2	5398.4
47.5°	5448.9	6253.8	7970.8	9072.2	8128.5	6048.2	5207.9	6294.2	6585.6	6443.0
50°	6156.7	6922.4	9246.3	10895.3	9769.9	6784.9	5847.6	7642.8	8040.2	7878.7
52.5°	7104.1	7659.2	10651.8	12672.9	11558.9	7623.9	6774.8	9424.2	9555.4	9253.9
55°	8437.6	8722.8	12455.9	14868.1	13556.0	8657.2	8131.1	11659.8	11292.7	10428.5
57.5°	11474.3	10405.8	14772.2	17372.4	15815.5	10534.4	11103.4	14125.0	12819.2	11362.1
60°	14015.2	12449.6	16915.7	19857.7	17752.1	12603.5	13894.1	14553.9	12762.4	11258.6
62.5°	13158.6	12970.6	17689.0	20131.5	18413.2	13621.6	13375.6	13472.7	11929.8	10571.0
65°	11545.0	11965.1	16998.9	18833.3	17680.2	12709.5	12098.8	12473.5	10977.3	9608.4
67.5°	10592.5	10901.6	15771.4	16755.4	16347.9	11722.9	11105.9	10834.7	9498.7	8335.5
70°	9618.5	9874.6	14048.0	14147.7	14270.1	10082.8	9081.1	8273.6	7080.2	6266.4
72.5°	8311.5	8325.4	11869.2	11291.4	11523.5	7890.1	7309.8	6185.7	5153.7	4415.6
75°	6972.9	6591.9	9395.2	7892.6	8358.2	6137.7	6069.6	4661.6	3887.0	3281.4
77.5°	5316.4	4871.1	6863.2	5190.3	5870.3	4087.6	4563.2	3161.6	2735.2	2183.8
80°	3569.1	3291.5	3792.4	2929.5	3840.3	2817.2	2976.1	1791.5	1553.0	1204.8
82.5°	1882.3	1607.3	2344.1	1737.2	2316.3	1548.0	1116.5	553.8	471.8	381.0
85°	729.2	844.0	1149.3	618.2	898.3	552.6	323.0	137.5	114.8	87.1
87.5°	141.3	218.3	119.9	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)